IC Test Report

IC : 3147A-WB45NBT

Equipment : 45 Series WB module with Bluetooth

Model No. : WB45NBT

Brand Name : Laird Technologies

Applicant : Laird Technologies

Address : 11160 Thompson Ave. / Lenexa, Kansas /

66219 / USA

Standard : RSS-210 Issue 8 December 2010

Received Date : May 03, 2013

Tested Date : May 17 ~ Jun. 03, 2013

We, International Certification Corp., would like to declare that the tested sample has been evaluated and in compliance with the requirement of the above standards. The test results contained in this report refer exclusively to the product. It may be duplicated completely for legal use with the approval of the applicant. It shall not be reproduced except in full without the written approval of our laboratory.

Approved & Reviewed by:

Gary Chang / Manager

ilac-MRA



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Report No.: CR350301AI Report Version: Rev. 01



Release Record

Report No.	Version	Description	Issued Date
CR350301AI	Rev. 01	Initial issue	Aug. 20, 2013

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Summary of Test Results

IC Rules	Test Items	Measured	Result
7.2.4 of RSS-Gen	Conducted Emissions	[dBuV]: 0.153MHz 50.72 (Margin -15.10dB) - QP	Pass
A8.5 of RSS-210	Radiated Emissions	[dBuV/m at 3m]: 61.24MHz 38.76 (Margin -1.24dB) - QP	Pass
A8.4 of RSS-210	Fundamental Emission Output Power	Power [dBm]: 11a: 24.23 HT20: 24.13	Pass
A8.2 of RSS-210	6dB Bandwidth	Meet the requirement of limit	Pass
A8.2 of RSS-210	Power Spectral Density	Meet the requirement of limit	Pass
N/A	Antenna Requirement	Meet the requirement of limit	Pass

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General Description 1

Information 1.1

1.1.1 **Specification of the Equipment under Test (EUT)**

RF General Information							
Frequency Range (MHz)	IEEE Std. 802.11	Ch. Freq. (MHz)	Channel Number	Transmit Chains (N _{TX})	Data Rate / MCS		
5725-5850	а	5745-5825	149-165 [5]	1	6-54 Mbps		
5725-5850	n (HT20)	5745-5825	149-165 [5]	1	MCS 0-7		

Note 1: RF output power specifies that Maximum Conducted Output Power.

Note 2: 802.11a/n uses a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.

1.1.2 Antenna Details

Ant.	Model	Туре	Connector	Operat	ing Frequenc	cies (MHz) / A	Antenna Gain	(dBi)
No.	Model	Type	Connector	2400~2483.5	5150~5250	5250~5350	5470~5725	5725~5850
1	MAG.LAYERS EDA-1513-25GR 2-B2-CY	Dipole	SMA Jack Reverse	2	2	2	2	2
2	MAG.LAYERS PCA-4606-2G4C 1-A13-CY	PCB Dipole	UFL	2.21	2.21	2.21	2.21	2.21
3	Larid NanoBlade-IP04	PCB Dipole	UFL	2	3.9	3.9	4	4
4	Larid MAF95310 Mini NanoBlade Flex	PCB Dipole	UFL	2.79	3.38	3.38	3.38	3.38
5	Laird NanoBlue-IP04	PCB Dipole	UFL	2				-
6	Ethertronics WLAN_1000146	PIFA	UFL	2.5	3.5	3.5	3.5	3.5

1.1.3 EUT Operational Condition

Supply Voltage	☐ AC mains	□ DC (3.3 / 1.8 Vdc)	
Type of DC Source	☐ Internal DC supply	☐ External DC adapter	

1.1.4 Accessories

N/A

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1.1.5 Channel List

Frequency band (MHz)					
802.11 a / HT20					
Channel Frequency(MHz)					
149	5745				
153	5765				
157	5785				
161	5805				
165	5825				

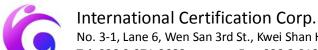
1.1.6 Test Tool and Duty Cycle

Test tool	VC_Example_windows_forms, ver. 1.3				
Duty Cycle Of Test Signal (%)	99.59% - IEEE 802.11a 99.56% - IEEE 802.11n (HT20)				
Duty Factor	0.02 - IEEE 802.11a 0.02 - IEEE 802.11n (HT20)				

1.1.7 Power Setting

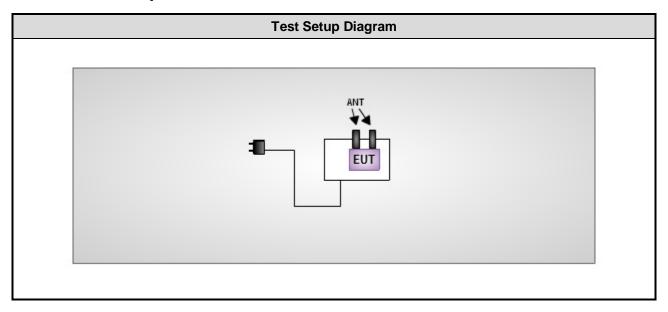
	Test Frequency (MHz)				
Modulation Mode	a / n HT20				
	5745	5825			
a	20	20	20		
n (HT20)	20	20	20		

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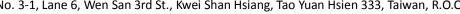


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1.2 Test Setup Chart



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1.3 **The Equipment List**

Test Item Conducted Emission						
Test Site	Conduction room 1 / (C	O01-WS)				
Instrument	Manufacturer	Model No.	Serial No.	Calibration Date	Calibration Until	
EMC Receiver	R&S	ESCS 30	100169	Dec. 12, 2012	Dec. 11, 2013	
LISN	SCHWARZBECK MESS-ELEKTRONIK	Schwarzbeck 8127	8127-667	Dec. 04, 2012	Dec. 03, 2013	
LISN (Support Unit)	SCHWARZBECK MESS-ELEKTRONIK	Schwarzbeck 8127	8127-666	Dec. 04, 2012	Dec. 03, 2013	
ISN	TESEQ	ISN T800	34406	Apr. 08, 2013	Apr. 07, 2014	
ISN	TESEQ	ISN T200A	30494	Apr. 09, 2013	Apr. 08, 2014	
ISN	TESEQ	ISN T8-Cat6	27262	Sep. 17, 2012	Sep. 16, 2013	
ISN	TESEQ	ISN ST08	22589	Jan. 24, 2013	Jan. 23, 2014	
RF Current Probe	FCC	F-33-4	121630	Dec. 04, 2012	Dec. 03, 2013	
RF Cable-CON	Woken	CFD200-NL	CFD200-NL-001	Dec. 25, 2012	Dec. 24, 2013	
ESH3-Z6 V-Network(+)	R&S	ESH3-Z6	100920	Nov. 21, 2012	Nov. 20, 2013	
ESH3-Z6 V-Network(-)	R&S	ESH3-Z6	100951	Jan. 03, 2013	Jan. 02, 2014	
Two-Line V-Network	R&S	ENV216	101579	Jan. 07, 2013	Jan. 06, 2014	
50 ohm terminal	NA	50	01	Apr. 22, 2013	Apr. 21, 2014	
50 ohm terminal	NA	50	02	Apr. 22, 2013	Apr. 21, 2014	
50 ohm terminal	NA	50	03	Apr. 22, 2013	Apr. 21, 2014	
50 ohm terminal (Support Unit)	NA	50	04	Apr. 22, 2013	Apr. 21, 2014	

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Test Item	em Radiated Emission above 1GHz						
Test Site	966 chamber1 / (03CF	101-WS)					
Instrument	Manufacturer	Model No.	Serial No.	Calibration Date	Calibration Until		
3m semi-anechoic chamber	CHAMPRO	SAC-03	03CH01-WS	Jan. 04, 2013	Jan. 03, 2014		
Spectrum Analyzer	R&S	FSV40	101498	Jan. 24, 2013	Jan. 23, 2014		
Receiver	ROHDE&SCHWAR Z	ESR3	101658	Jan. 28, 2013	Jan. 27, 2014		
Bilog Antenna	SCHWARZBECK	VULB9168	VULB9168-522	Jan. 11, 2013	Jan. 10, 2014		
Horn Antenna 1G-18G	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1096	Feb. 18, 2013	Feb. 17, 2014		
Horn Antenna 18G-40G	SCHWARZBECK	BBHA 9170	BBHA 9170517	Jan. 14, 2013	Jan. 13, 2014		
Amplifier	Burgeon	BPA-530	100219	Nov. 28, 2012	Nov. 27, 2013		
Amplifier	Agilent	83017A	MY39501308	Dec. 18, 2012	Dec. 17, 2013		
RF Cable	HUBER+SUHNER	SUCOFLEX104	MY16014/4	Dec. 25, 2012	Dec. 24, 2013		
RF Cable	HUBER+SUHNER	SUCOFLEX104	MY16019/4	Dec. 25, 2012	Dec. 24, 2013		
RF Cable	HUBER+SUHNER	SUCOFLEX104	MY16139/4	Dec. 25, 2012	Dec. 24, 2013		
RF Cable-R03m	Woken	CFD400NL-LW	CFD400NL-001	Dec. 25, 2012	Dec. 24, 2013		
RF Cable-R10m	Woken	CFD400NL-LW	CFD400NL-002	Dec. 25, 2012	Dec. 24, 2013		
control	EM Electronics	EM1000	60612	N/A	N/A		

Loop Antenna	R&S	HFH2-Z2	100330	Nov. 15, 2012	Nov. 14, 2014		
Amplifier	MITEQ	AMF-6F-260400	9121372	Apr. 19, 2013	Apr. 18, 2015		
Note: Calibration Interval of instruments listed above is two year.							

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Test Item	RF Conducted				
Test Site	(TH01-WS)				
Instrument	Manufacturer	Model No.	Serial No.	Calibration Date	Calibration Until
Spectrum Analyzer	R&S	FSV 40	101063	Feb. 18, 2013	Feb. 17, 2014
TEMP&HUMIDITY CHAMBER	GIANT FORCE	GCT-225-40-SP-SD	MAF1212-002	Nov. 29, 2012	Nov. 28, 2013
Power Meter	Anritsu	ML2495A	1241002	Oct. 15, 2012	Oct. 14, 2013
Power Sensor	Anritsu	MA2411B	1027366	Oct. 24, 2012	Oct. 23, 2013
Signal Generator	R&S	SMB100A	175727	Jan. 14, 2013	Jan. 13, 2014
Radio Communication Analyzer	Anritsu	MT8820C	6201240341	Mar. 13, 2013	Mar. 12, 2014
Wideband Radio Communication Tester	R&S	CMW500	106070	Jan. 29, 2013	Jan. 28, 2014
Bluetooth Tester	R&S	CBT	100959	Jan. 09, 2013	Jan. 08, 2014
MXG-B RF Vector Signal Generator	Agilent	N5182B	MY53050081	Apr. 19, 2013	Apr. 18, 2014

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1.4 Test Standards

According to the specification of EUT, the EUT must comply with following standards and KDB documents.

RSS-210 Issue 8 December 2010 RSS-Gen Issue 3 December 2010

ANSI C63.10-2009

FCC KDB 558074 D01 DTS Meas Guidance v03

1.5 Measurement Uncertainty

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2)

Measurement Uncertainty						
Parameters	Uncertainty					
Bandwidth	±35.286 Hz					
Conducted power	±0.536 dB					
Frequency error	±35.286 Hz					
Temperature	±0.3 °C					
Conducted emission	±2.946 dB					
AC conducted emission	±2.43 dB					
Radiated emission	±2.49 dB					

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Test Configuration 2

Testing Condition 2.1

Test Item	Test Site	Ambient Condition	Tested By
AC Conduction	CO01-WS	23°C / 55%	Skys Huang
Radiated Emissions	03CH01-WS	24°C / 63%	Aska Huang Haru Yang
RF Conducted	TH01-WS	21°C / 60%	Brad Wu

> FCC site registration No.: 657002 > IC site registration No.: 10807A-1

The Worst Test Modes and Channel Details 2.2

Test item	Mode	Test Frequency (MHz)	Data rate (Mbps)	Test Configuration	
Conducted Emissions	11a	5825	6	1	
Radiated Emissions (below 1GHz)	11a	5825	6	1, 2, 3	
Radiated Emissions (above 1GHz)	11a HT20	5745 / 5785 / 5825 5745 / 5785 / 5825	6 MCS 0	1, 2, 3	
Fundamental Emission Output Power					
6dB bandwidth	11a HT20	5745 / 5785 / 5825 5745 / 5785 / 5825	6 MCS 0	1	
Power spectral density	20				

NOTE:

- The EUT was pretested with 3 orientations placed on the table for the radiated emission measurement -X, Y, and Z-plane. The **Y-plane** results were found as the worst case and were shown in this report.
- 2. 3 types antenna are used for this device, highest gain antenna of each type is selected to perform radiated emission test as below test configuration
 - 1) Configuration 1: Dipole antenna (Antenna No.1), Y-plane
 - 2) Configuration 2: PCB Dipole antenna (Antenna No.3), Y-plane
 - 3) Configuration 3: PIFA antenna (Antenna No.6), Y-plane
- The EUT supports two DC voltage options, 3.3Vdc and 1.8Vdc. Both options were assessed and 3.3Vdc was found to be the worst case and was selected for the final test.

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Transmitter Test Results 3

3.1 **Conducted Emissions**

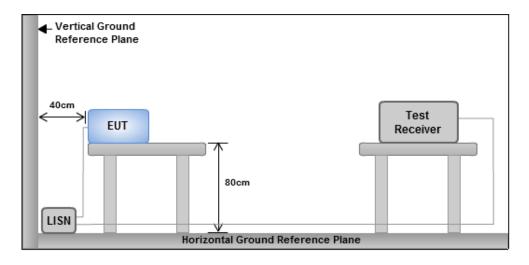
3.1.1 **Limit of Conducted Emissions**

AC Power-line Conducted Emissions Limit							
Frequency Emission (MHz) Quasi-Peak Average							
0.15-0.5	66 - 56 *	56 - 46 *					
0.5-5	56	46					
5-30 60 50							
Note 1: * Decreases with the logarithm of the frequency.							

3.1.2 Test Procedures

- The device is placed on a test table, raised 80 cm above the reference ground plane. The vertical conducting plane is located 40 cm to the rear of the device.
- The device is connected to line impedance stabilization network (LISN) and other accessories are connected to other LISN. Measured levels of AC power line conducted emission are across the 50 Ω LISN port.
- 3. AC conducted emission measurements is made over frequency range from 150 kHz to 30 MHz.

3.1.3 Test Setup



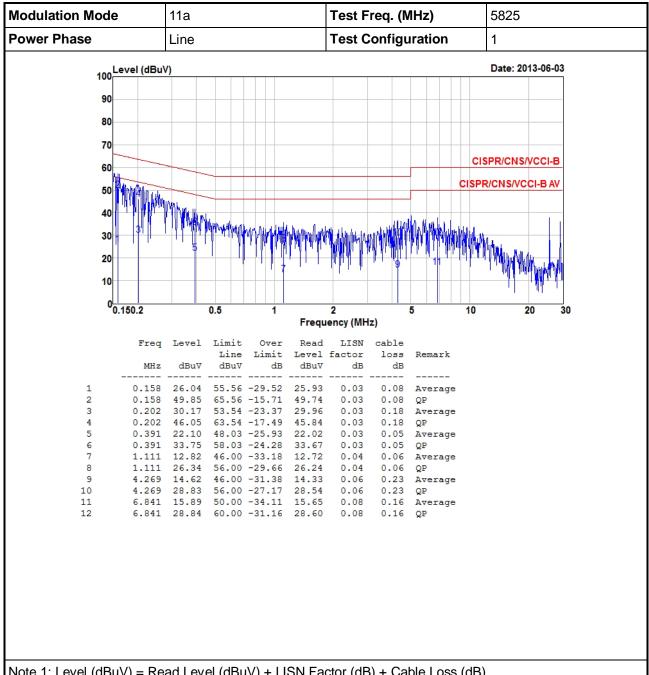
Note: 1. Support units were connected to second LISN.

2. Both of LISNs (AMN) are 80 cm from EUT and at least 80 cm from other units and other metal planes

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Test Result of Conducted Emissions 3.1.4



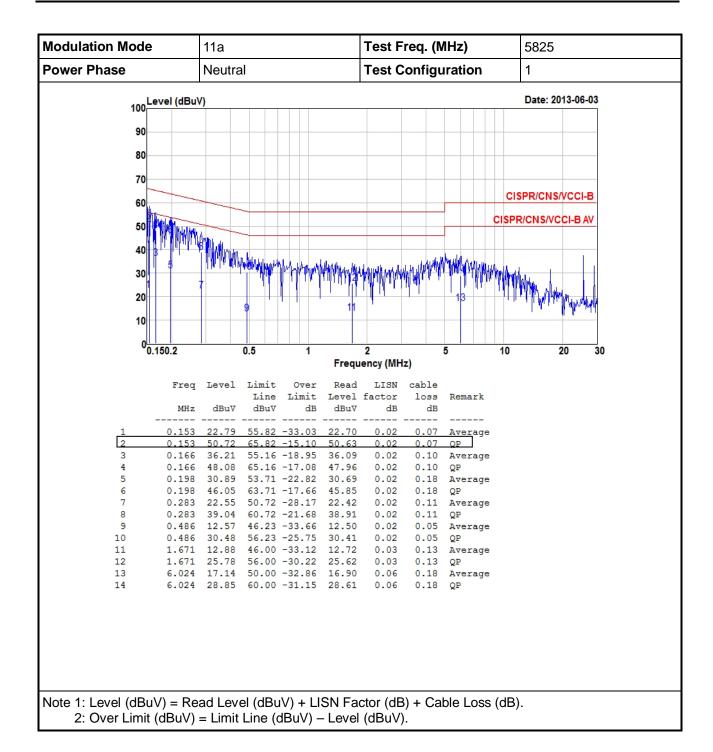
Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB).

2: Over Limit (dBuV) = Limit Line (dBuV) - Level (dBuV).

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3.2 6dB and Occupied Bandwidth

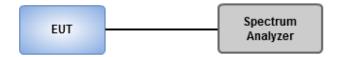
3.2.1 Limit of 6dB Bandwidth

The minimum 6dB bandwidth shall be at least 500 kHz.

3.2.2 Test Procedures

- 1. Set resolution bandwidth (RBW) = 100 kHz, Video bandwidth = 300 kHz.
- 2. Detector = Peak, Trace mode = max hold.
- 3. Sweep = auto couple, Allow the trace to stabilize.
- 4. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower) that are attenuated by 6dB relative to the maximum level measured in the fundamental emission.

3.2.3 Test Setup

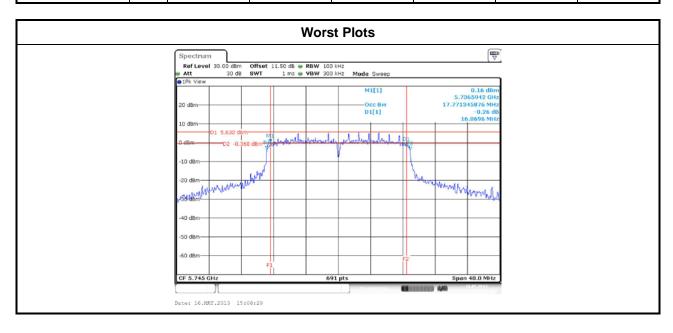


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3.2.4 Test Result of 6dB and Occupied Bandwidth

Modulation	N	Eroa (MUz)		Limit (kHz)			
Mode	N _{TX}	Freq. (MHz)	Chain 0	Chain 1	Chain 2	Chain 3	LIIIII (KHZ)
11a	1	5745	15.71				500
11a	1	5785	15.36				500
11a	1	5825	15.25				500
HT20	1	5745	16.87				500
HT20	1	5785	15.94				500
HT20	1	5825	16.00				500



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Modulation	Eros (MU=)	99% Occupied Bandwidth (MHz)					
Mode	Freq. (MHz)	Chain 0	Chain 1	Chain 2	Chain 3		
11a	5745	17.02					
11a	5785	18.06					
11a	5825	19.91					
HT20	5745	18.29					
HT20	5785	20.14					
HT20	5825	21.07					



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RF Output Power 3.3

3.3.1 Limit of RF Output Power

Con	duct	ed po	ower shall not exceed 1Watt.								
\boxtimes	Ant	enna	gain <= 6dBi, no any corresponding reduction is in output power limit.								
	Ant	enna gain > 6dBi									
		The	n Fixed, point to point operations. e conducted output power from the intentional radiator shall be reduced by the amount in dB the directional gain of the antenna exceeds 6 dB								
		Sys Ope	ed, point to point operations tems operating in the 2400–2483.5 MHz band that are used exclusively for fixed, point-to-point erations, maximum peak output power of the intentional radiator is reduced by 1 dB for every 3 that the directional gain of the antenna exceeds 6 dBi.								
			tems operating in the 5725–5850 MHz band that are used exclusively for fixed, point-to-point rations ,no any corresponding reduction is in transmitter peak output power								
3.3.	2	Test	: Procedures								
\boxtimes	Max	ximur	m Peak Conducted Output Power								
		Spe	ectrum analyzer								
		1.	Set RBW = 1MHz, VBW = 3MHz, Detector = Peak.								
		2.	Sweep time = auto, Trace mode = max hold, Allow trace to fully stabilize.								
		3.	Use the spectrum analyzer channel power measurement function with the band limits set equal to the DTS bandwidth edges.								
	\boxtimes	Pov	ver meter								
		1.	A broadband Peak RF power meter is used for output power measurement. The video bandwidth of power meter is greater than 6dB bandwidth of EUT. If duty cycle of test signal is not 100 %, trigger and gating function of power meter will be enabled to capture transmission burst for measuring output power.								
\boxtimes	Max	ximur	m Conducted Output Power								
		Spe	ectrum analyzer								
		1.	Set RBW = 1MHz, VBW = 3MHz, Detector = RMS.								
		2.	Set the sweep time to: \geq 10 x (number of measurement points in sweep) x (maximum data rate per stream).								
		3.	Perform the measurement over a single sweep.								
		4.	Use the spectrum analyzer's band power measurement function with band limits set equal to the EBW(26dBc) band edges.								

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A broadband Average RF power meter is used for output power measurement. The video bandwidth of power meter is greater than 6dB bandwidth of EUT. If duty cycle of test signal is not 100 %, trigger and gating function of power meter will be enabled to capture transmission

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burst for measuring output power.

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3.3.3 Test Setup



3.3.4 Test Result of Maximum Output Power

Modulation		Freq.		Peak Pov	ver (dBm)		Total		
Mode	N _{TX}	(MHz)	Chain 0	Chain 1	Chain 2	Chain 3	Power (mW)	Power (dBm)	(dBm)
11a	1	5745	24.04				253.51	24.04	30
11a	1	5785	24.16				260.62	24.16	30
11a	1	5825	24.23				264.85	24.23	30
HT20	1	5745	24.03				252.93	24.03	30
HT20	1	5785	24.12				258.23	24.12	30
HT20	1	5825	24.13				258.82	24.13	30

Modulation Mode	N _{TX}	Freq. (MHz)	Conduc	cted (average) output power (dBm)		t power	Total Power	Total Power	Limit (dBm)
Wode		(IVIITIZ)	Chain 0	Chain 1	Chain 2	Chain 3	(mW)	(dBm)	(ubili)
11a	1	5745	18.17				65.61	18.17	30
11a	1	5785	18.71				74.30	18.71	30
11a	1	5825	19.09				81.10	19.09	30
HT20	1	5745	18.15				65.31	18.15	30
HT20	1	5785	18.72				74.47	18.72	30
HT20	1	5825	18.94				78.34	18.94	30

Note: Conducted average output power is for reference only.

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3.4 Power Spectral Density

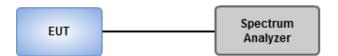
3.4.1 Limit of Power Spectral Density

Power spectral density shall not be greater than 8 dBm in any 3 kHz band.

3.4.2 Test Procedures

- Maximum peak conducted output power was used to demonstrate compliance to the fundamental output power limit.
 - Set the RBW = 100kHz, VBW = 300kHz.
 - 2. Detector = Peak, Sweep time = auto couple.
 - 3. Trace mode = max hold, allow trace to fully stabilize.
 - 4. Use the peak marker function to determine the maximum amplitude level.
- Maximum (average) conducted output power was used to demonstrate compliance to the fundamental output power limit.
 - 1. Set the RBW = 100kHz, VBW = 300 kHz.
 - 2. Detector = RMS, Sweep time = auto couple.
 - 3. Set the sweep time to: ≥ 10 x (number of measurement points in sweep) x (maximum data rate per stream).
 - 4. Perform the measurement over a single sweep.
 - 5. Use the peak marker function to determine the maximum amplitude level.\

3.4.3 Test Setup

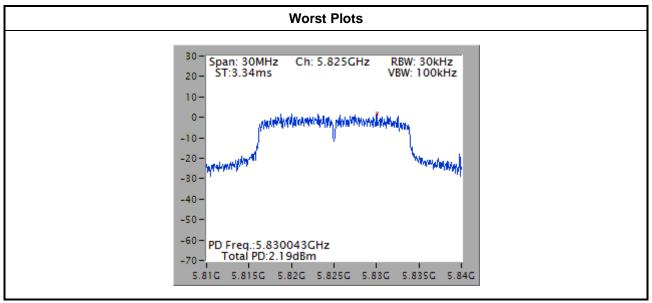


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Test Result of Power Spectral Density 3.4.4

Modulation Mode	N _{TX}	Freq. (MHz)	Total Power Spectral Density (dBm/30kHz)	Limit (dBm/3kHz)
11a	1	5745	0.06	8
11a	1	5785	1.22	8
11a	1	5825	1.88	8
HT20	1	5745	0.46	8
HT20	1	5785	1.95	8
HT20	1	5825	2.21	8



Note: Power density plot without duty factor

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3.5 Unwanted Emissions into Restricted Frequency Bands

3.5.1 Limit of Unwanted Emissions into Restricted Frequency Bands

Restricted Band Emissions Limit								
Frequency Range (MHz)	Field Strength (uV/m)	Field Strength (dBuV/m)	Measure Distance (m)					
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300					
0.490~1.705	24000/F(kHz)	33.8 - 23	30					
1.705~30.0	30	29	30					
30~88	100	40	3					
88~216	150	43.5	3					
216~960	200	46	3					
Above 960	500	54	3					

Note 1:

Qusai-Peak value is measured for frequency below 1GHz except for 9–90 kHz, 110–490 kHz frequency band. Peak and average value are measured for frequency above 1GHz. The limit on average radio frequency emission is as above table. The limit on peak radio frequency emissions is 20 dB above the maximum permitted average emission limit

Measurements may be performed at a distance other than what is specified provided. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor as below, Frequency at or above 30 MHz: 20 dB/decade Frequency below 30 MHz: 40 dB/decade.

3.5.2 Test Procedures

- Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission frequency. The EUT is placed at a height of 0.8 m test table above the ground plane.
- 2. Measurement is made with the antenna positioned in both the horizontal and vertical planes of polarization. The measurement antenna is varied in height (1m ~ 4m) above the reference ground plane to obtain the maximum signal strength. Distance between EUT and antenna is 3 m.
- 3. This investigation is performed with the EUT rotated 360°, the antenna height scanned between 1 m and 4 m, and the antenna rotated to repeat the measurements for both the horizontal and vertical antenna polarizations.

Note:

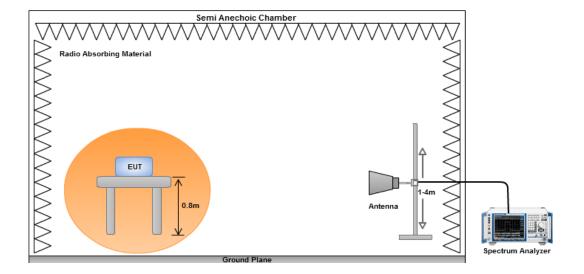
- 1. 120kHz measurement bandwidth of test receiver and Quasi-peak detector is for radiated emission below 1GHz.
- 2. RBW=1MHz, VBW=3MHz and Peak detector is for peak measured value of radiated emission above 1GHz.
- 3. RBW=1MHz, VBW=3MHz and RMS detector is for average measured value of radiated emission above 1GHz.

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3.5.3 Test Setup

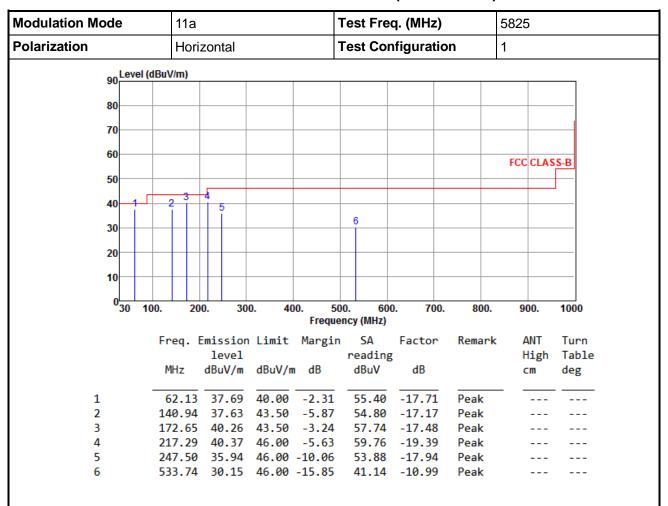


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Transmitter Radiated Unwanted Emissions (Below 1GHz)



Note 1: Level (dBuV/m) = Read Level (dBuV/m) + Antenna Factor (dB) + Cable Loss (dB) - Preamp Factor (dB).

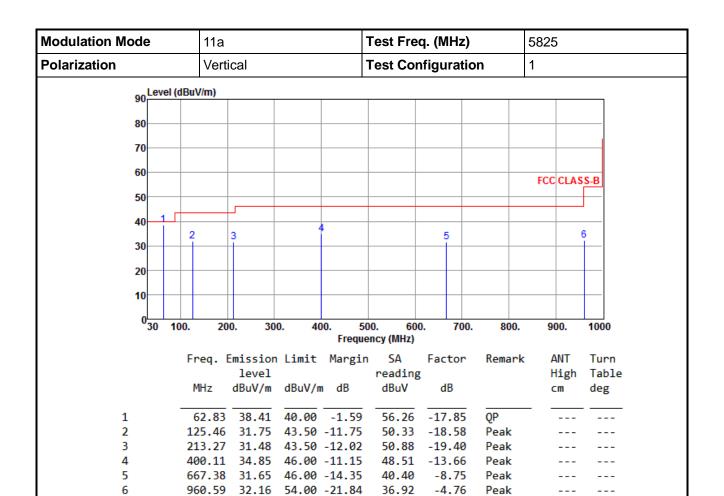
2: Over Limit (dBuV/m) = Limit Line (dBuV/m) – Level (dBuV/m).

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Note 1: Level (dBuV/m) = Read Level (dBuV/m) + Antenna Factor (dB) + Cable Loss (dB) - Preamp Factor (dB). 2: Over Limit (dBuV/m) = Limit Line (dBuV/m) - Level (dBuV/m).

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Modulation Mode	11a	11a				Test Freq. (MHz)			5825	
Polarization	Hori	Horizontal			Test Configuration			2		
_ Leve	l (dBuV/m)									
90										
80										
70										
70										
60								F00 01 14		
								FCC CLAS	2-B	
50										
40 1	2	3								
					5	6				
30			4	4	1					
20										
10										
030	100. 20	0. 30	0. 40	00. 50	0. 60	0. 700.	. 800.	900.	1000	
					ncy (MHz)					
	Freq. 1	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn	
		level			reading	3		High	Table	
	MHz	dBuV/m	dBuV/r	n dB	dBuV	dB		cm	deg	
1	60.07	37.34	40.00	-2.66	54.65	-17.31	Peak			
2	171.62		43.50		56.85	-17.37	Peak			
3	218.18	38.78	46.00	-7.22	58.17	-19.39	Peak			
4	399.57	24.62	46.00	-21.38	38.29	-13.67	Peak			

Note 1: Level (dBuV/m) = Read Level (dBuV/m) + Antenna Factor (dB) + Cable Loss (dB) - Preamp Factor (dB). 2: Over Limit (dBuV/m) = Limit Line (dBuV/m) - Level (dBuV/m).

533.43 28.13 46.00 -17.87 39.12 -10.99

667.29 29.56 46.00 -16.44 38.32 -8.76

Peak

Peak

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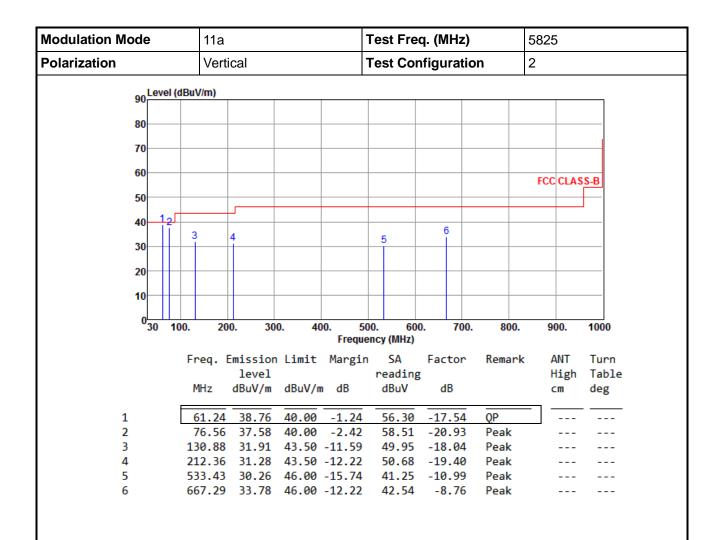
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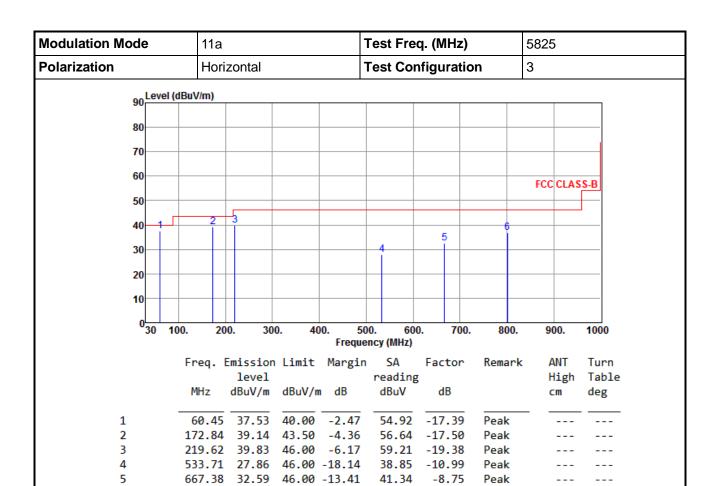
Note 1: Level (dBuV/m) = Read Level (dBuV/m) + Antenna Factor (dB) + Cable Loss (dB) - Preamp Factor (dB). 2: Over Limit (dBuV/m) = Limit Line (dBuV/m) - Level (dBuV/m).

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Note 1: Level (dBuV/m) = Read Level (dBuV/m) + Antenna Factor (dB) + Cable Loss (dB) - Preamp Factor (dB). 2: Over Limit (dBuV/m) = Limit Line (dBuV/m) - Level (dBuV/m).

800.94 36.87 46.00 -9.13 43.62 -6.75

Peak

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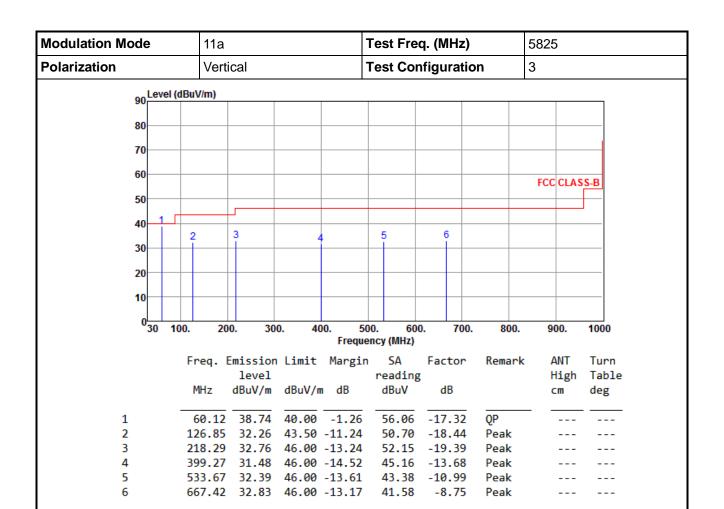
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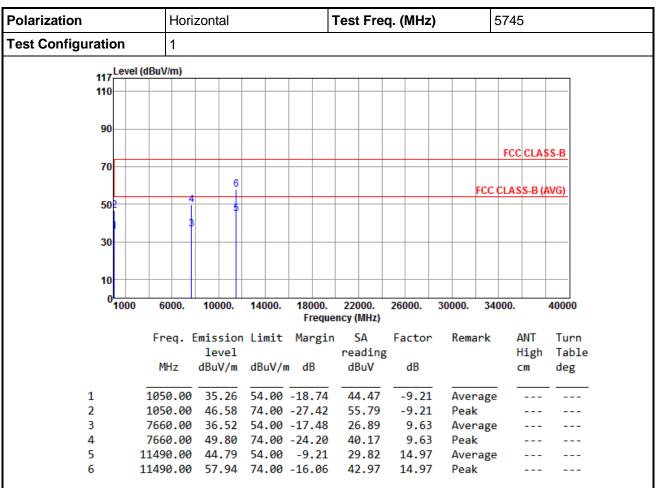
Note 1: Level (dBuV/m) = Read Level (dBuV/m) + Antenna Factor (dB) + Cable Loss (dB) - Preamp Factor (dB). 2: Over Limit (dBuV/m) = Limit Line (dBuV/m) - Level (dBuV/m).

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3.5.5 Transmitter Radiated Unwanted Emissions (Above 1GHz) for 11a



Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 3: For un-restricted bands, unwanted emissions shall be attenuated by at least 20 dB relative to the maximum measured in-band level.

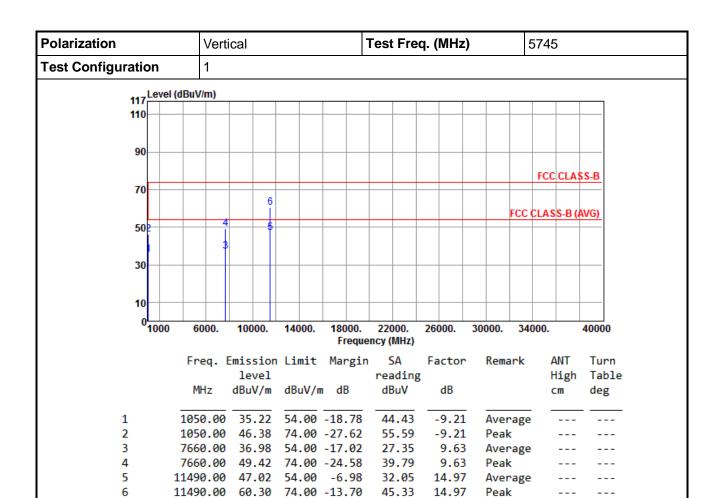
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Note 2: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.



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Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 3: For un-restricted bands, unwanted emissions shall be attenuated by at least 20 dB relative to the maximum measured in-band level.

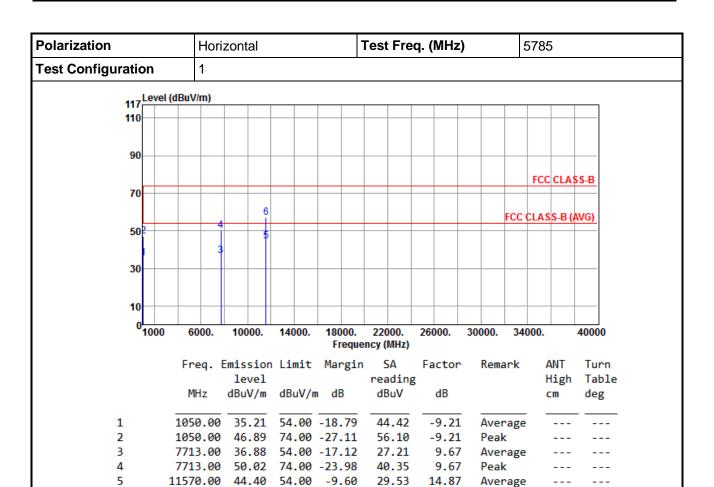
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Note 2: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.



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Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

11570.00 57.02 74.00 -16.98 42.15

14.87

Peak

Note 3: For un-restricted bands, unwanted emissions shall be attenuated by at least 20 dB relative to the maximum measured in-band level.

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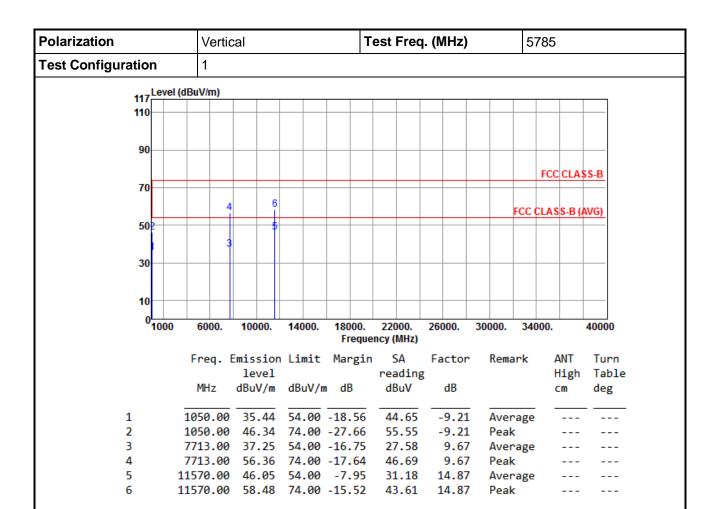
6

Note 2: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.



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Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

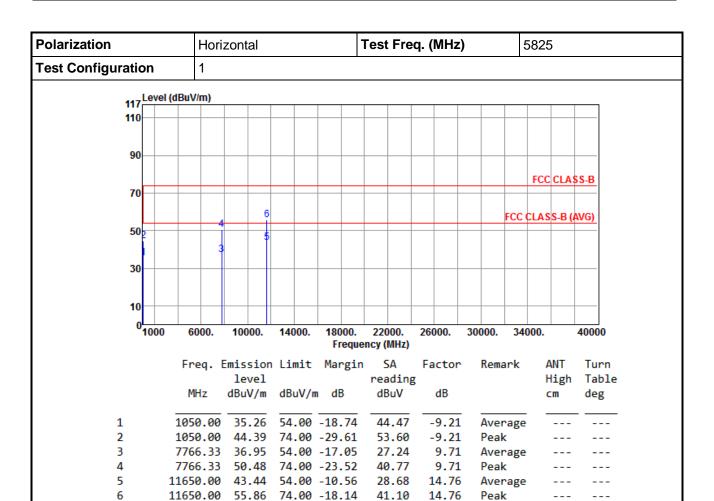
Note 3: For un-restricted bands, unwanted emissions shall be attenuated by at least 20 dB relative to the maximum measured in-band level.

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Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 3: For un-restricted bands, unwanted emissions shall be attenuated by at least 20 dB relative to the maximum measured in-band level.

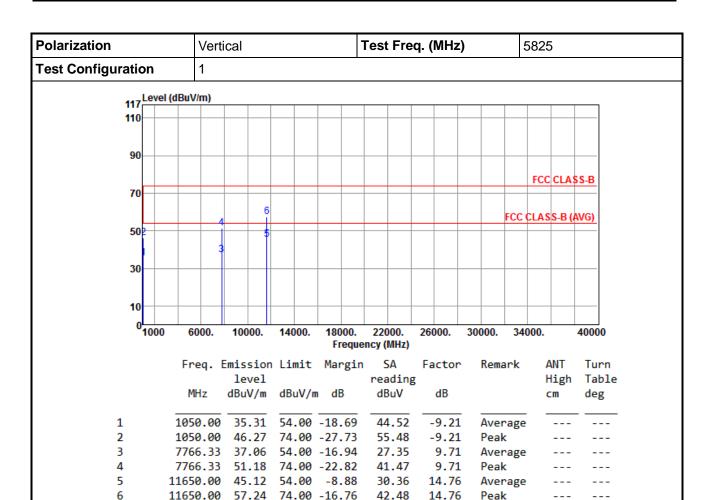
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Note 2: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.



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Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

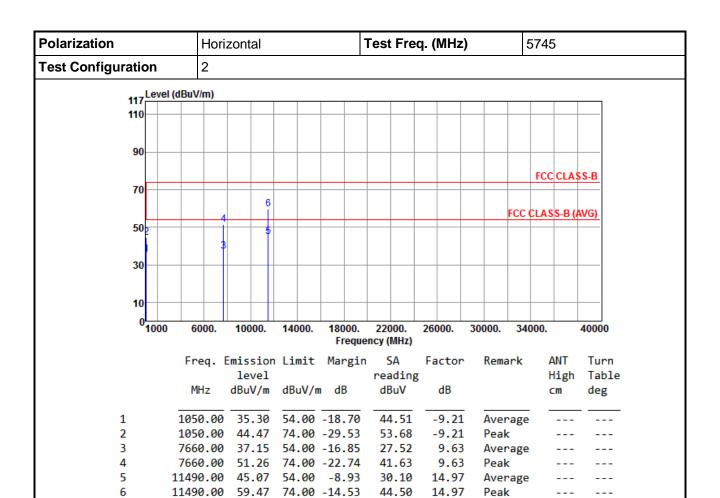
Note 3: For un-restricted bands, unwanted emissions shall be attenuated by at least 20 dB relative to the maximum measured in-band level.

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Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 3: For un-restricted bands, unwanted emissions shall be attenuated by at least 20 dB relative to the maximum measured in-band level.

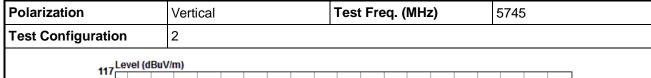
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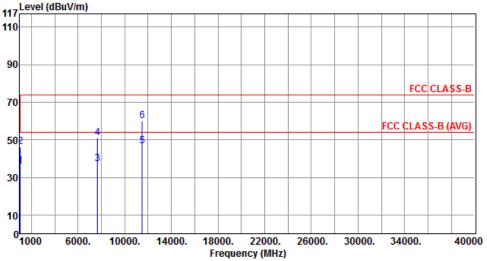
Note 2: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.



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	Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB		cm	deg
1	1050.00	35.95	54.00	-18.05	45.16	-9.21	Average		
2	1050.00	46.08	74.00	-27.92	55.29	-9.21	Peak		
3	7660.00	36.98	54.00	-17.02	27.35	9.63	Average		
4	7660.00	51.11	74.00	-22.89	41.48	9.63	Peak		
5	11490.00	46.81	54.00	-7.19	31.84	14.97	Average		
6	11490.00	60.10	74.00	-13.90	45.13	14.97	Peak		

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

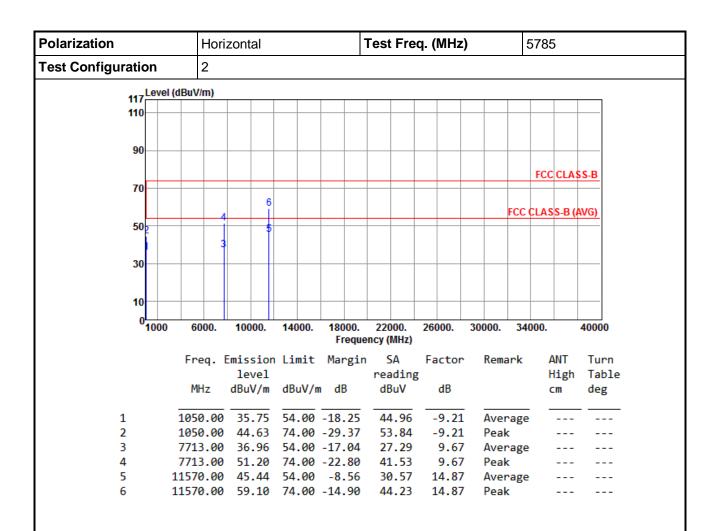
Note 3: For un-restricted bands, unwanted emissions shall be attenuated by at least 20 dB relative to the maximum measured in-band level.

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Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

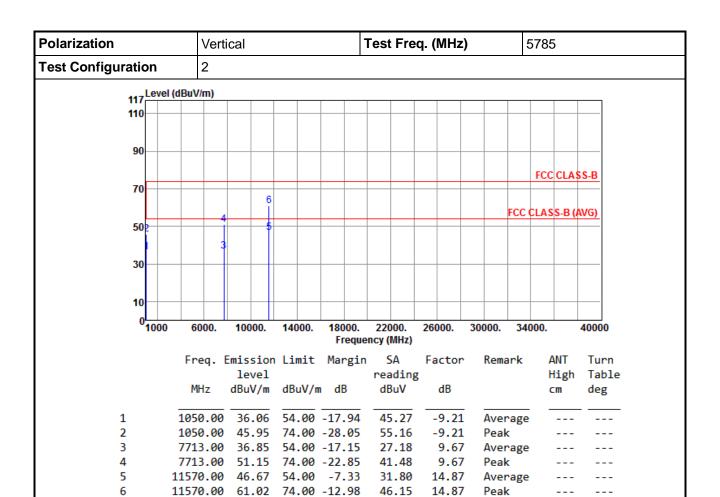
Note 3: For un-restricted bands, unwanted emissions shall be attenuated by at least 20 dB relative to the maximum measured in-band level.

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Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

Note 3: For un-restricted bands, unwanted emissions shall be attenuated by at least 20 dB relative to the maximum measured in-band level.

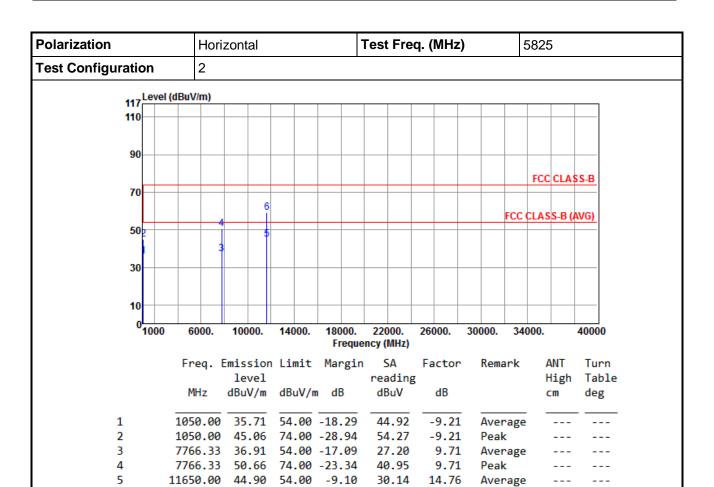
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11650.00 59.05 74.00 -14.95



Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

44.29

14.76

Peak

Note 3: For un-restricted bands, unwanted emissions shall be attenuated by at least 20 dB relative to the maximum measured in-band level.

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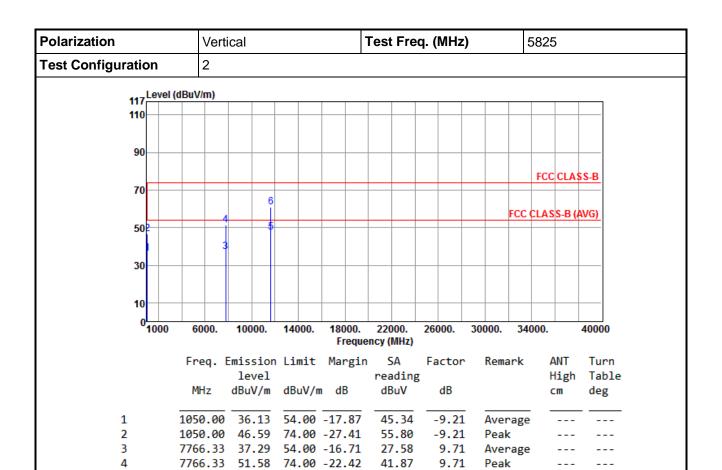
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Note 2: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.



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Peak

Peak

Average

14.76

14.76

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

11650.00 47.33 54.00 -6.67 32.57

11650.00 60.90 74.00 -13.10 46.14

Note 3: For un-restricted bands, unwanted emissions shall be attenuated by at least 20 dB relative to the maximum measured in-band level.

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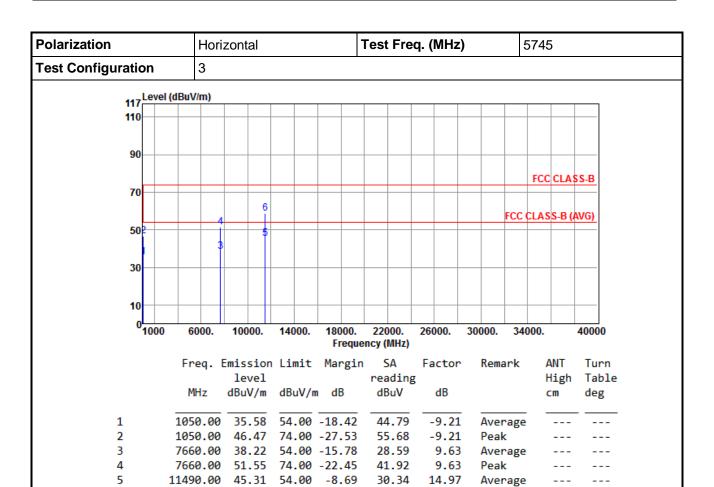
5

Note 2: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.



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Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

11490.00 58.63 74.00 -15.37 43.66

Note 2: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

14.97

Peak

Note 3: For un-restricted bands, unwanted emissions shall be attenuated by at least 20 dB relative to the maximum measured in-band level.

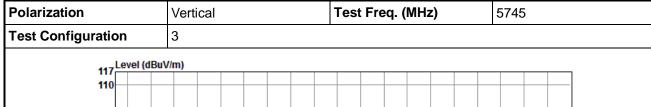
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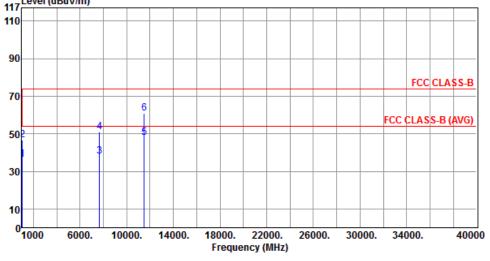
Report Version: Rev. 01



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	Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB		cm	deg
1	1050.00	36.15	54.00	-17.85	45.36	-9.21	Average		
2	1050.00	46.71	74.00	-27.29	55.92	-9.21	Peak		
3	7660.00	38.04	54.00	-15.96	28.41	9.63	Average		
4	7660.00	50.92	74.00	-23.08	41.29	9.63	Peak		
5	11490.00	47.81	54.00	-6.19	32.84	14.97	Average		
6	11490.00	61.09	74.00	-12.91	46.12	14.97	Peak		

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

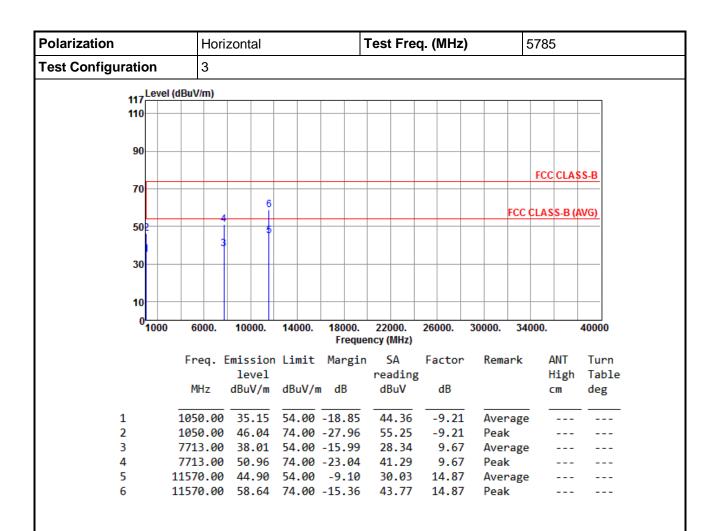
Note 3: For un-restricted bands, unwanted emissions shall be attenuated by at least 20 dB relative to the maximum measured in-band level.

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Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

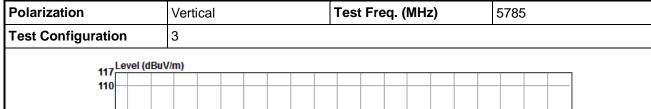
Note 3: For un-restricted bands, unwanted emissions shall be attenuated by at least 20 dB relative to the maximum measured in-band level.

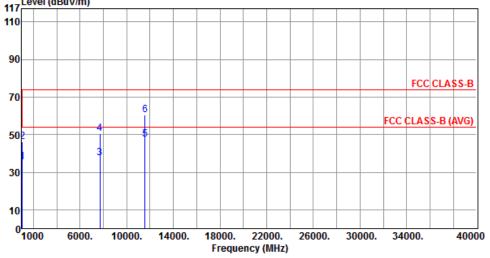
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	Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB		cm	deg
1	1050.00	35.35	54.00	-18.65	44.56	-9.21	Average		
2	1050.00	46.13	74.00	-27.87	55.34	-9.21	Peak		
3	7713.00	37.74	54.00	-16.26	28.07	9.67	Average		
4	7713.00	50.35	74.00	-23.65	40.68	9.67	Peak		
5	11570.00	47.50	54.00	-6.50	32.63	14.87	Average		
6	11570.00	60.33	74.00	-13.67	45.46	14.87	Peak		

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

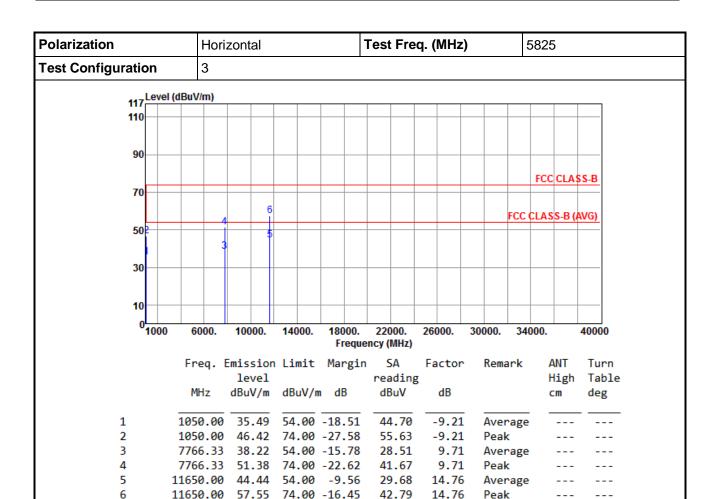
Note 3: For un-restricted bands, unwanted emissions shall be attenuated by at least 20 dB relative to the maximum measured in-band level.

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Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

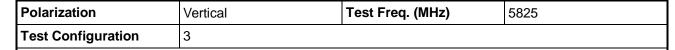
Note 3: For un-restricted bands, unwanted emissions shall be attenuated by at least 20 dB relative to the maximum measured in-band level.

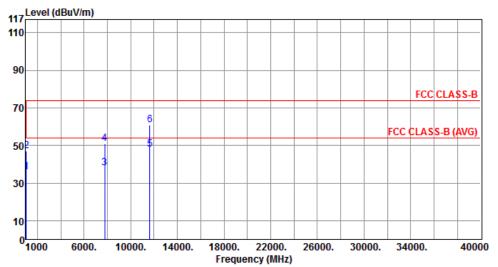
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	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Ū	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	1050.00	35.70	54.00	-18.30	44.91	-9.21	Average		
2	1050.00	47.03	74.00	-26.97	56.24	-9.21	Peak		
3	7766.33	37.97	54.00	-16.03	28.26	9.71	Average		
4	7766.33	51.06	74.00	-22.94	41.35	9.71	Peak		
5	11650.00	47.86	54.00	-6.14	33.10	14.76	Average		
6	11650.00	60.96	74.00	-13.04	46.20	14.76	Peak		

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

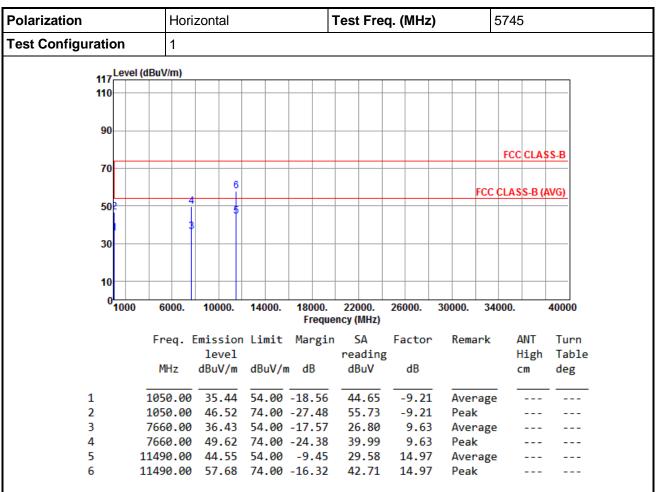
Note 3: For un-restricted bands, unwanted emissions shall be attenuated by at least 20 dB relative to the maximum measured in-band level.

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3.5.6 Transmitter Radiated Unwanted Emissions (Above 1GHz) for HT20



Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 3: For un-restricted bands, unwanted emissions shall be attenuated by at least 20 dB relative to the maximum measured in-band level.

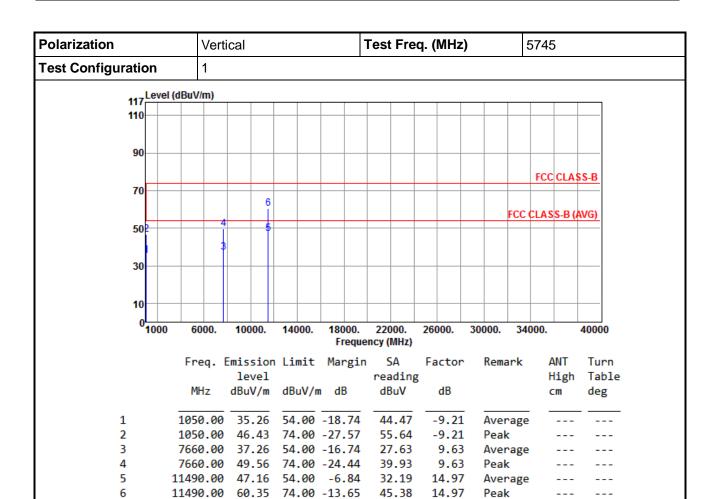
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Note 2: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.



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Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

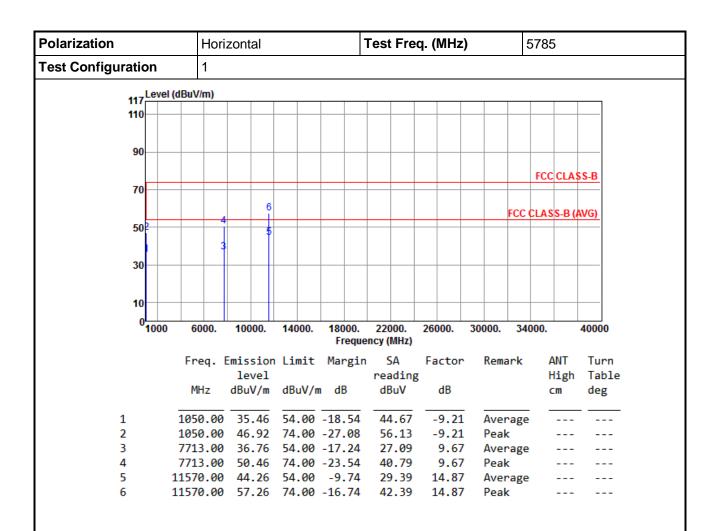
Note 3: For un-restricted bands, unwanted emissions shall be attenuated by at least 20 dB relative to the maximum measured in-band level.

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Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

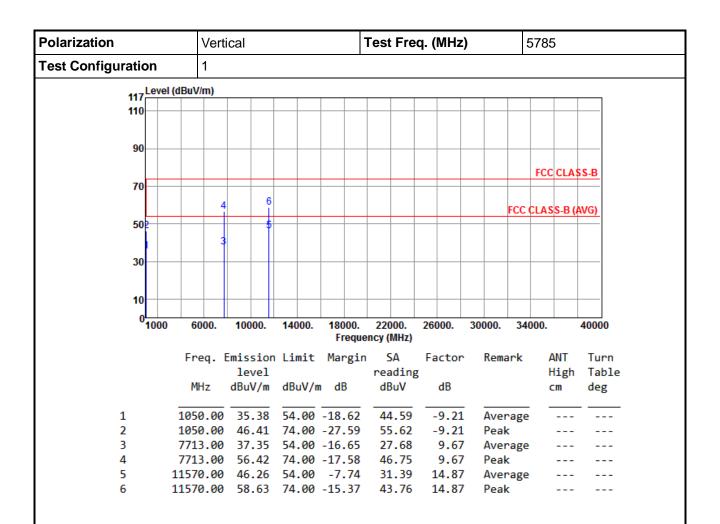
Note 3: For un-restricted bands, unwanted emissions shall be attenuated by at least 20 dB relative to the maximum measured in-band level.

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Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

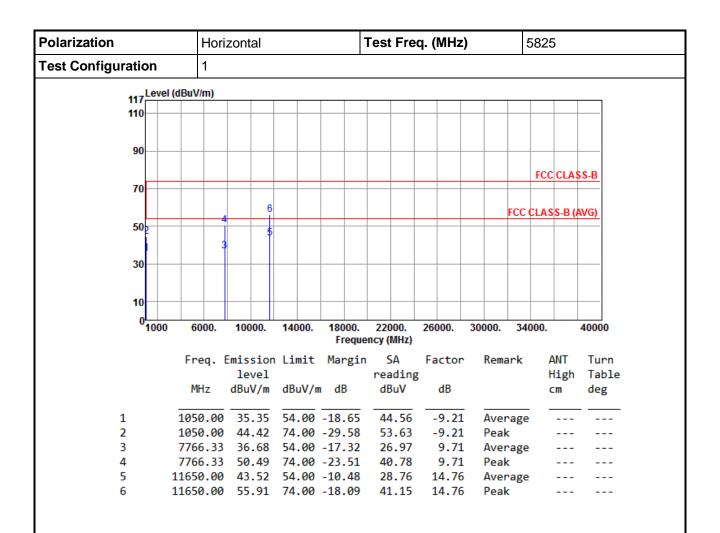
Note 3: For un-restricted bands, unwanted emissions shall be attenuated by at least 20 dB relative to the maximum measured in-band level.

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Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 3: For un-restricted bands, unwanted emissions shall be attenuated by at least 20 dB relative to the maximum measured in-band level.

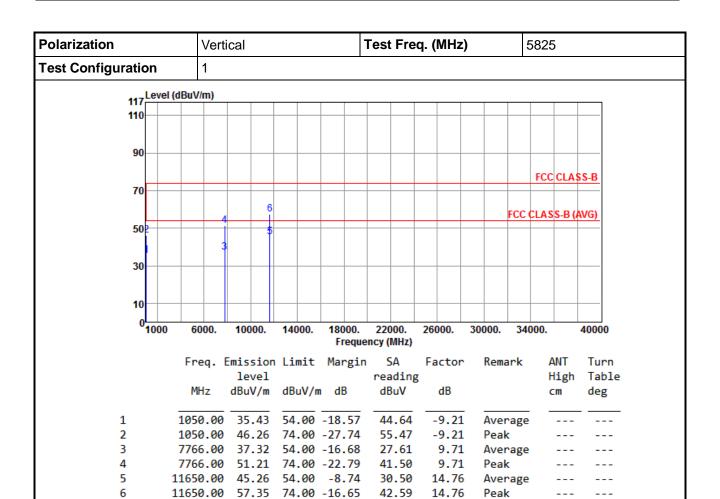
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Note 2: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.



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Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

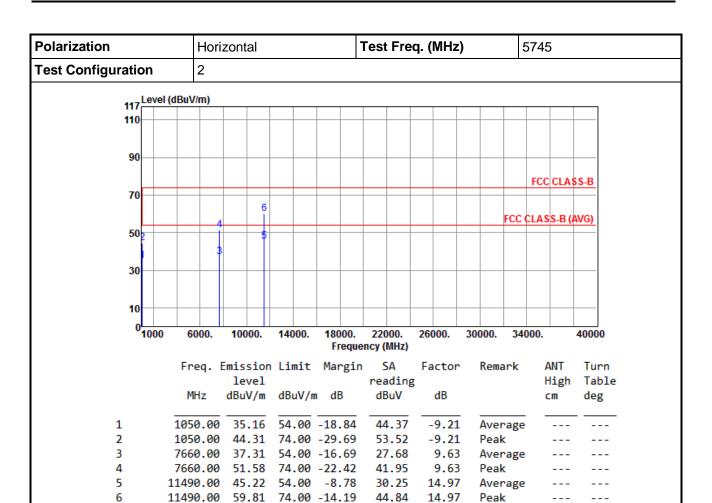
Note 3: For un-restricted bands, unwanted emissions shall be attenuated by at least 20 dB relative to the maximum measured in-band level.

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Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 3: For un-restricted bands, unwanted emissions shall be attenuated by at least 20 dB relative to the maximum measured in-band level.

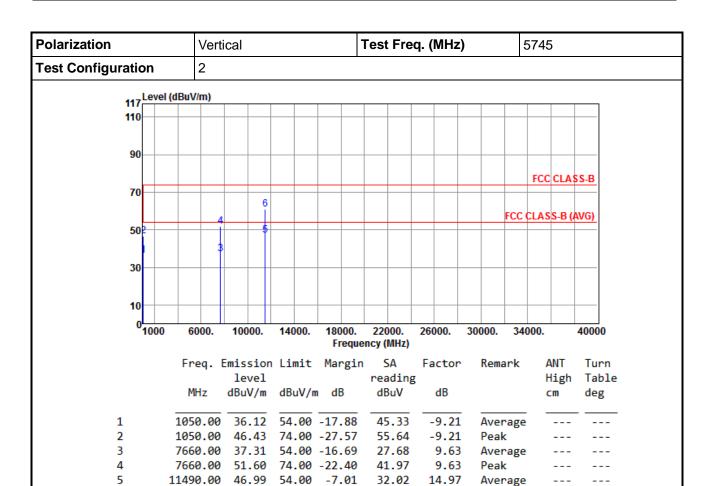
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Note 2: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.



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Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

11490.00 60.88 74.00 -13.12 45.91

Note 2: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

14.97

Peak

Note 3: For un-restricted bands, unwanted emissions shall be attenuated by at least 20 dB relative to the maximum measured in-band level.

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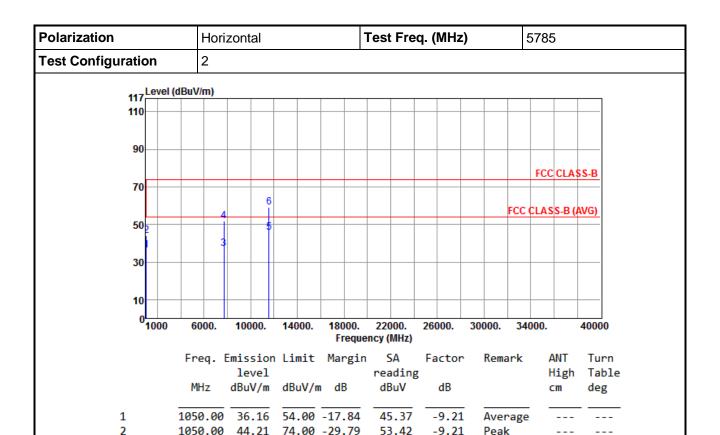
Tel: 886-3-271-8666 Fax: 886-3-318-0155

7713.00 37.22 54.00 -16.78

11570.00 45.71 54.00 -8.29

11570.00 59.26 74.00 -14.74

7713.00 51.64 74.00 -22.36 41.97



27.55

30.84

44.39

9.67

9.67

14.87

14.87

Average

Average

Peak

Peak

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 3: For un-restricted bands, unwanted emissions shall be attenuated by at least 20 dB relative to the maximum measured in-band level.

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3

5

Note 2: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.



0<mark>1000</mark>

6000.

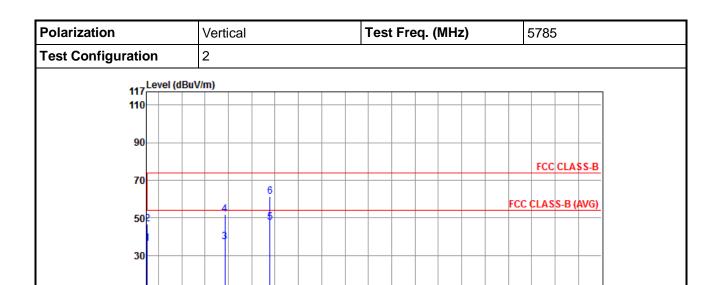
10000.

14000.

International Certification Corp.

No. 3-1, Lane 6, Wen San 3rd St., Kwei Shan Hsiang, Tao Yuan Hsien 333, Taiwan, R.O.C.

Tel: 886-3-271-8666 Fax: 886-3-318-0155



				rreque	iicy (Miriz)				
	Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB		cm	deg
1	1050.00	36.17	54.00	-17.83	45.38	-9.21	Average		
2	1050.00	46.63	74.00	-27.37	55.84	-9.21	Peak		
3	7713.00	37.23	54.00	-16.77	27.56	9.67	Average		
4	7713.00	51.63	74.00	-22.37	41.96	9.67	Peak		
5	11570.00	47.39	54.00	-6.61	32.52	14.87	Average		
6	11570.00	61.45	74.00	-12.55	46.58	14.87	Peak		

22000.

18000.

30000.

34000.

40000

26000.

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

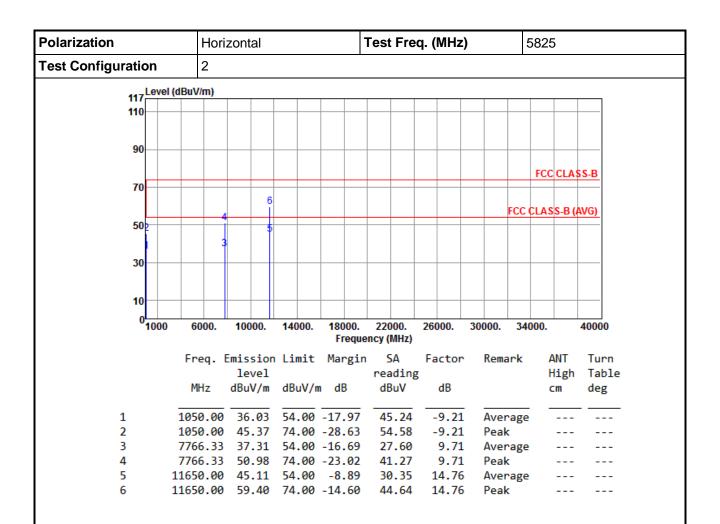
Note 3: For un-restricted bands, unwanted emissions shall be attenuated by at least 20 dB relative to the maximum measured in-band level.

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Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

Note 3: For un-restricted bands, unwanted emissions shall be attenuated by at least 20 dB relative to the maximum measured in-band level.

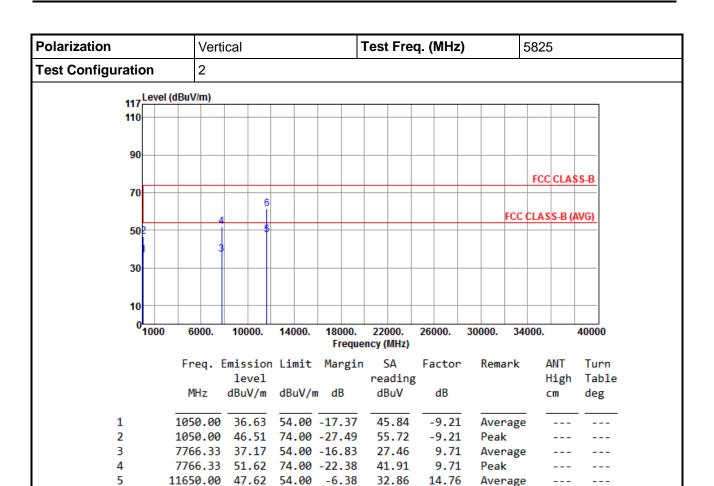
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Tel: 886-3-271-8666 Fax: 886-3-318-0155

11650.00 61.30 74.00 -12.70



Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

46.54

14.76

Peak

Note 3: For un-restricted bands, unwanted emissions shall be attenuated by at least 20 dB relative to the maximum measured in-band level.

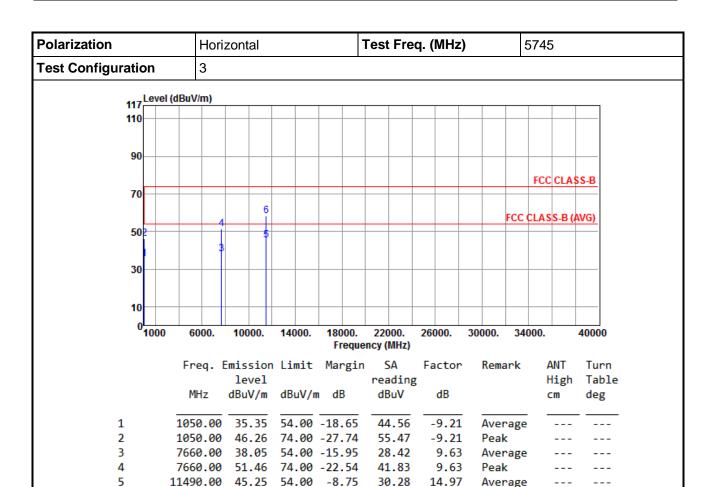
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Tel: 886-3-271-8666 Fax: 886-3-318-0155



Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

11490.00 58.27 74.00 -15.73 43.30

14.97

Peak

Note 3: For un-restricted bands, unwanted emissions shall be attenuated by at least 20 dB relative to the maximum measured in-band level.

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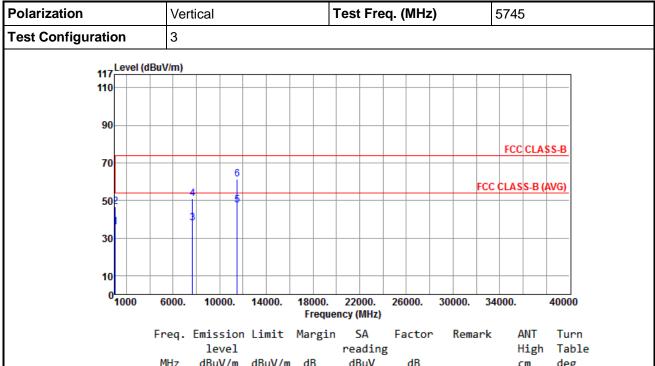
Report Version: Rev. 01

Note 2: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.



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	rreq.	level	LIMIC	nargin	reading	ractor	Kelliark	High	Table
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB		cm	deg
1	1050.00	35.96	54.00	-18.04	45.17	-9.21	Average		
2	1050.00	46.47	74.00	-27.53	55.68	-9.21	Peak		
3	7660.00	37.96	54.00	-16.04	28.33	9.63	Average		
4	7660.00	51.08	74.00	-22.92	41.45	9.63	Peak		
5	11490.00	47.60	54.00	-6.40	32.63	14.97	Average		
6	11490.00	61.49	74.00	-12.51	46.52	14.97	Peak		

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

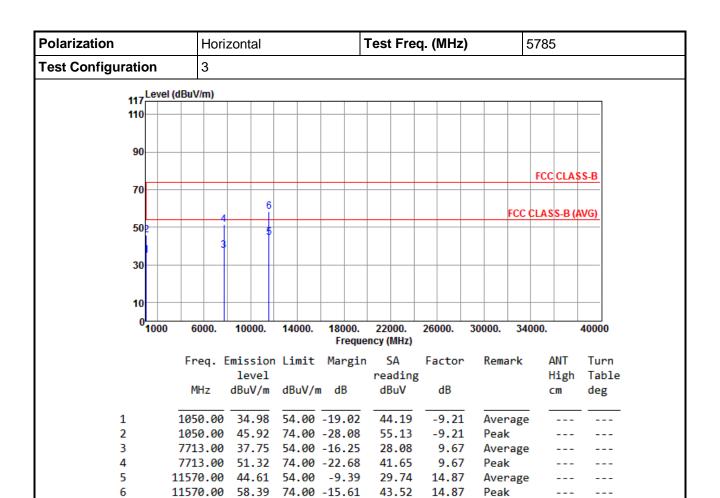
Note 3: For un-restricted bands, unwanted emissions shall be attenuated by at least 20 dB relative to the maximum measured in-band level.

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Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

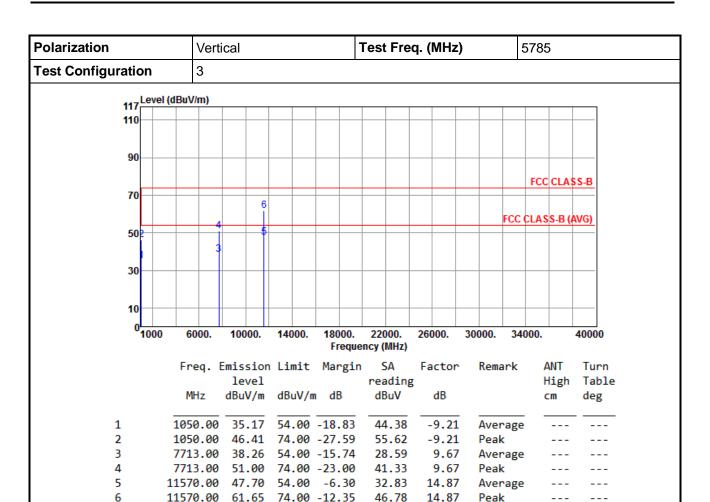
Note 3: For un-restricted bands, unwanted emissions shall be attenuated by at least 20 dB relative to the maximum measured in-band level.

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Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

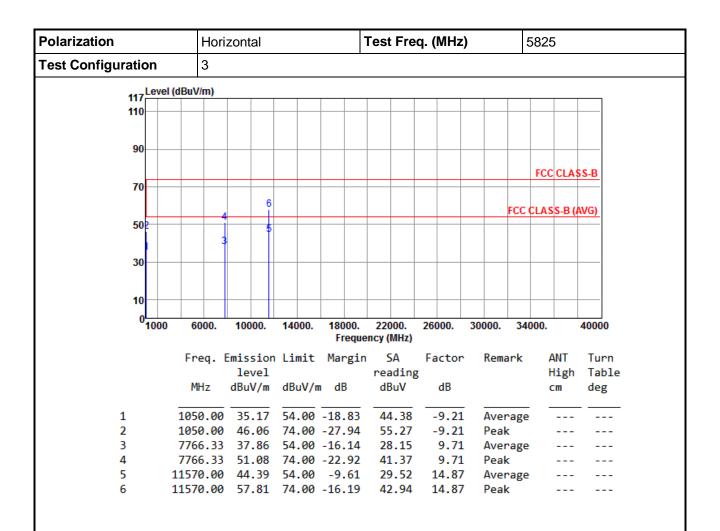
Note 3: For un-restricted bands, unwanted emissions shall be attenuated by at least 20 dB relative to the maximum measured in-band level.

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Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 3: For un-restricted bands, unwanted emissions shall be attenuated by at least 20 dB relative to the maximum measured in-band level.

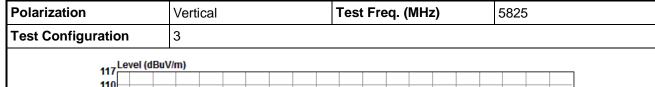
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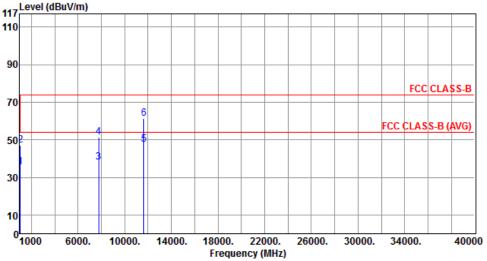
Note 2: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.



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	Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB		cm	deg
1	1050.00	35.43	54.00	-18.57	44.64	-9.21	Average		
2	1050.00	46.96	74.00	-27.04	56.17	-9.21	Peak		
3	7766.33	38.09	54.00	-15.91	28.38	9.71	Average		
4	7766.33	51.52	74.00	-22.48	41.81	9.71	Peak		
5	11650.00	47.42	54.00	-6.58	32.66	14.76	Average		
6	11650.00	61.30	74.00	-12.70	46.54	14.76	Peak		

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

Note 3: For un-restricted bands, unwanted emissions shall be attenuated by at least 20 dB relative to the maximum measured in-band level.

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3.6 Unwanted Emissions into Non-Restricted Frequency Bands

3.6.1 Limit of Unwanted Emissions into Non-Restricted Frequency Bands

\boxtimes	The peak output power measured in any 100 kHz bandwidth outside of the authorized frequency band
	shall be attenuated by at least 20 dB relative to the maximum in-band peak PSD level in 100 kHz.
	The modern course in case 400 ld le beneficially extended of the next beginning of the mean of the mea

The peak power in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 30 dB relative to the maximum in-band peak PSD level in 100 kHz.

3.6.2 Test Procedures

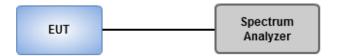
Reference Level Measurement

- 1. Set the RBW = 100 kHz, VBW = 300 kHz, Detector = peak.
- 2. Set Sweep time = auto couple, Trace mode = max hold.
- 3. Allow trace to fully stabilize.
- 4. Use the peak marker function to determine the maximum amplitude level.

Unwanted Emissions Level Measurement

- 1. Set RBW = 100 kHz, VBW = 300 kHz, Detector = peak.
- 2. Trace Mode = max hold, Sweep = auto couple.
- 3. Allow the trace to stabilize.
- 4. Use peak marker function to determine maximum amplitude of all unwanted emissions within any 100 kHz bandwidth.

3.6.3 Test Setup



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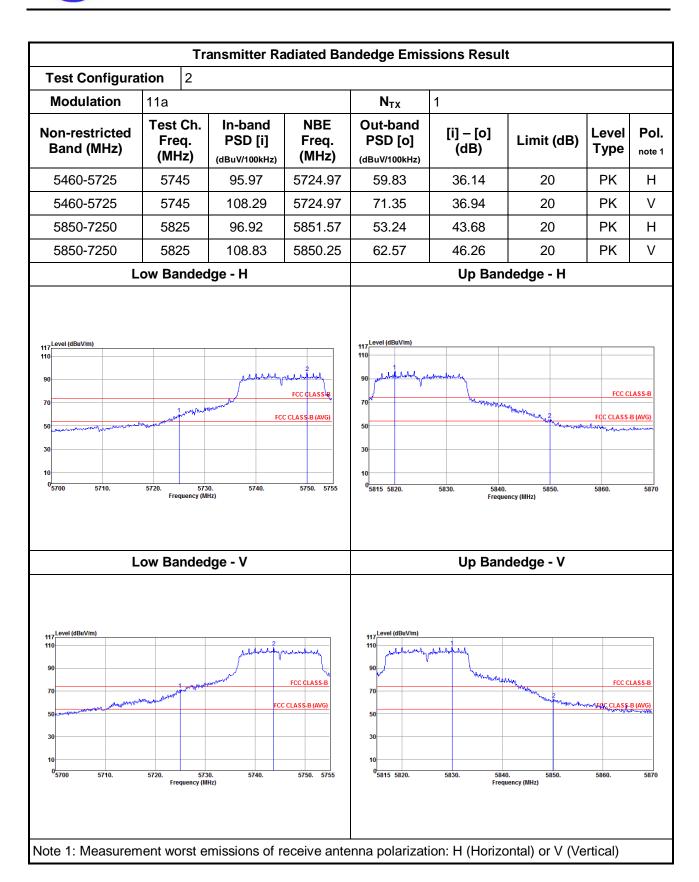
3.6.4 Unwanted Emissions into Non-Restricted Frequency Bands for 11a

	T	ransmitter Ra	adiated Bar	ndedge Emis	ssions Result	t		
Test Configurat	ion 1							
Modulation	11a			N _{TX}	1			
Non-restricted Band (MHz)	Test Ch. Freq. (MHz)	In-band PSD [i] (dBuV/100kHz)	NBE Freq. (MHz)	Out-band PSD [o] (dBuV/100kHz)	[i] – [o] (dB)	Limit (dB)	Level Type	Po
5460-5725	5745	100.87	5724.97	65.63	35.24	20	PK	Н
5460-5725	5745	106.21	5724.97	70.19	36.02	20	PK	V
5850-7250	5825	101.32	5850.25	57.42	43.9	20	PK	Н
5850-7250	5825	106.12	5853.17	63.09	43.03	20	PK	V
L	ow Bande	dge - H	•		Up Ban	dedge - H	1	
10	5720.	5730. 5740.	5750. 5755	0 5815 5820.	5830. 584 Frequ	0. 5850. uency (MHz)	5860.	587
0 5700 5710.	Frequency	····						
	ow Bande				Up Ban	dedge - V		

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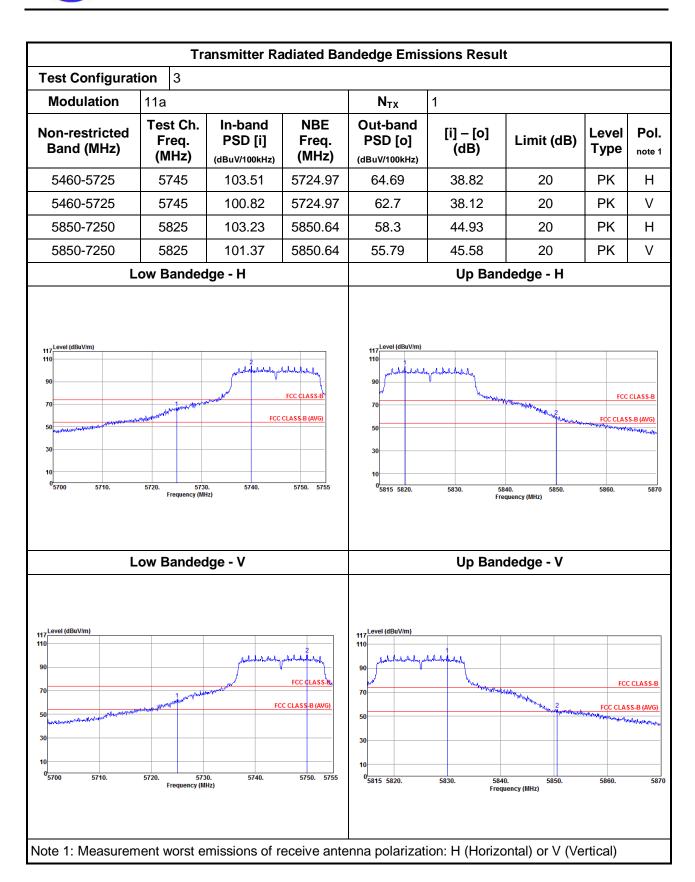
Tel: 886-3-271-8666 Fax: 886-3-318-0155



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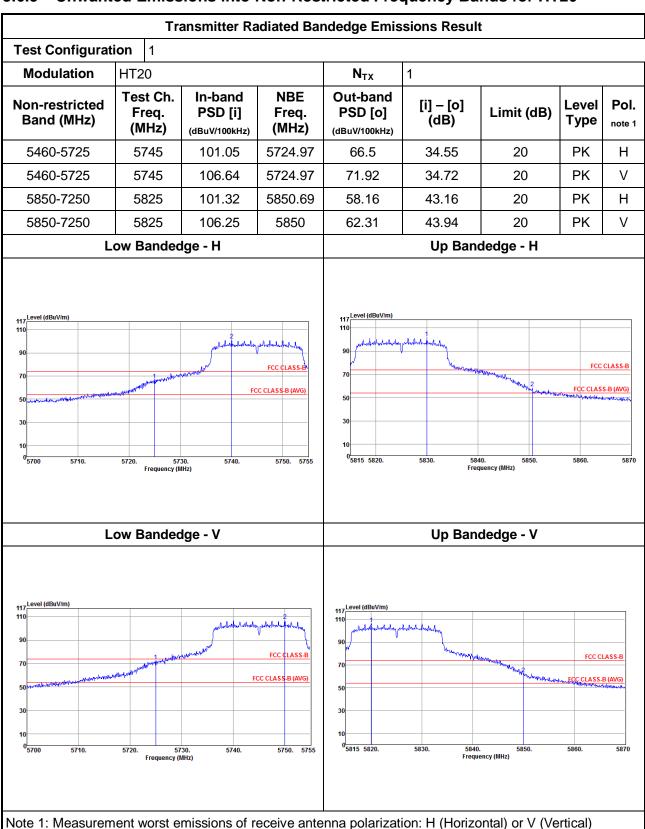
Tel: 886-3-271-8666 Fax: 886-3-318-0155



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Tel: 886-3-271-8666 Fax: 886-3-318-0155

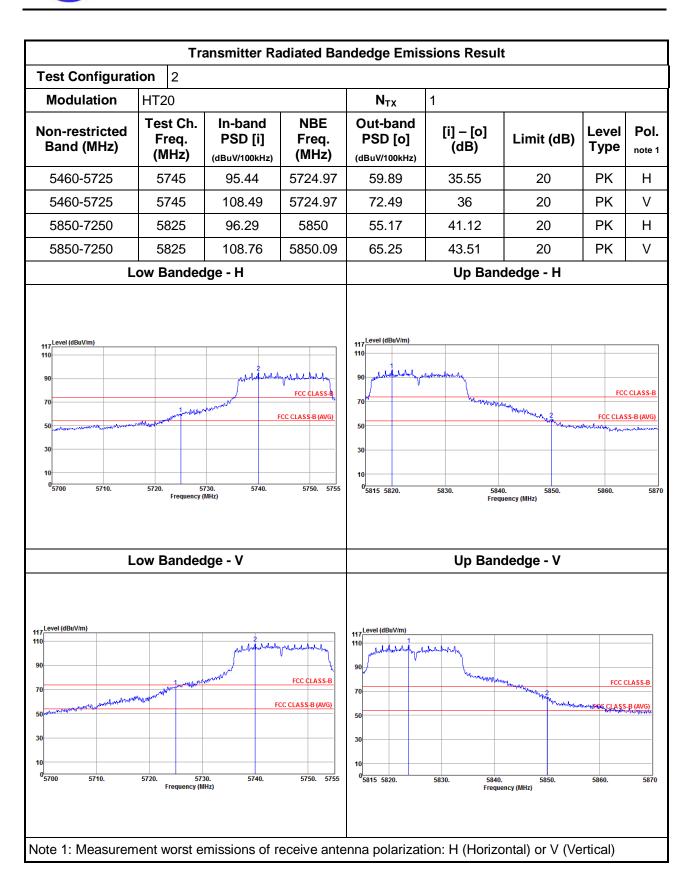
Unwanted Emissions into Non-Restricted Frequency Bands for HT20



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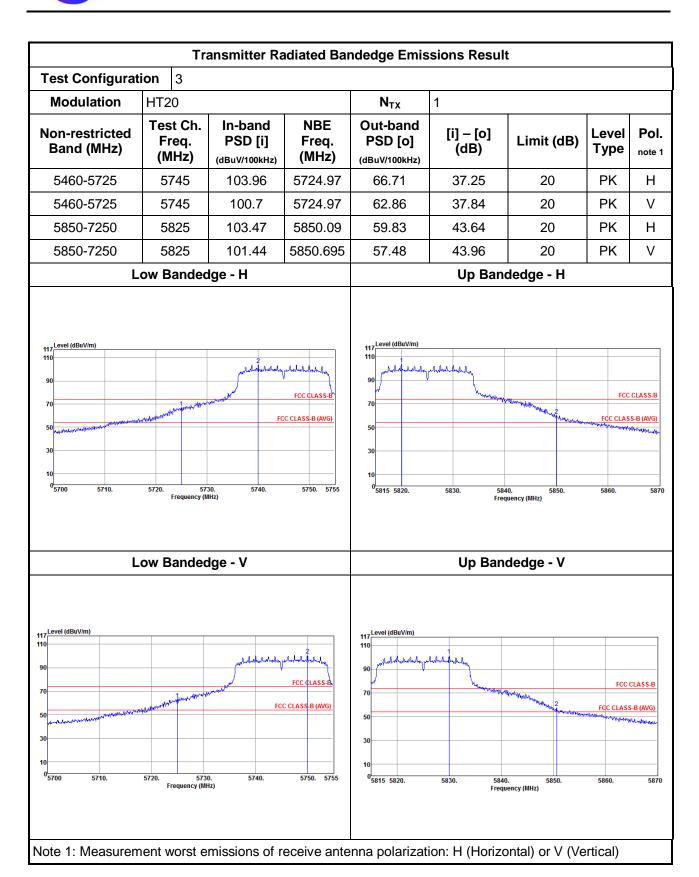
Tel: 886-3-271-8666 Fax: 886-3-318-0155



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