FCC Test Report

FCC ID	:	**QXO-AP3825E**
Equipment	:	**11ac 5G radio module**
Model No.	:	**PCE4551AH-ETS**
Brand Name	:	**Extreme Networks**
Applicant	:	**Extreme Networks, Inc.**
Address	:	**9 Northeastern Blvd., Salem, New Hampshire, United States, 03079**
Manufacturer	:	**Extreme Networks, Inc.**
Address	:	**9 Northeastern Blvd., Salem, New Hampshire, United States, 03079**
Standard	:	**47 CFR FCC Part 15.247**
Received Date	:	**Jul. 27, 2013**
Tested Date	:	**Jul. 27 ~ Sep. 13, 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

Testing Laboratory
2732

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Release Record

Report No.	Version	Description	Issued Date
FR382401AI	Rev. 01	Initial issue	Mar. 17, 2014
FR382401AI	Rev. 02	Changed manufacturer	Mar. 26, 2014

Summary of Test Results

FCC Rules	Test Items	Measured	Result
15.207	Conducted Emissions	[dBuV]: 0.180MHz 43.88 (Margin -10.62dB) - QP	Pass
15.247(d) 15.209	Radiated Emissions	[dBuV/m at 3m]:11570.00MHz 52.71 (Margin -1.29dB) – AV [dBuV/m at 3m]:11650.00MHz 52.71 (Margin -1.29dB) – AV	Pass
15.247(b)(3)	Fundamental Emission Output Power	Power [dBm]: 29.83	Pass
15.247(a)(2)	6dB Bandwidth	Meet the requirement of limit	Pass
15.247(e)	Power Spectral Density	Meet the requirement of limit	Pass
15.203	Antenna Requirement	Meet the requirement of limit	Pass

1 General Description

1.1 Information

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	a	5745-5825	149-165 [5]	3	6-54 Mbps
5725-5850	n (HT20)	5745-5825	149-165 [5]	3	MCS 0-23
5725-5850	n (HT40)	5755-5795	151-159 [2]	3	MCS 0-23
5725-5850	n (HT20)	5745-5825	149-165 [5]	3	MCS 0-9
5725-5850	n (HT40)	5755-5795	151-159 [2]	3	MCS 0-9
5725-5850	n (HT80)	5775	155 [1]	3	MCS 0-9
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. Note 3: IEEE802.11ac is draft version.					

1.1.2 Antenna Details

Ant. No.	Model	Ant. Type	Connector	Gain (dBi)	Application
1	WS-ANT-5DIP-3	Dipole	RPSMA	3	P to MP
2	N/A	PIFA	UFL	6	P to MP
	ANT-PIFA7262AG	PIFA	UFL	5.5	P to MP
3	WS-AI-DX07025	Panel	RPSMA	5.5	P to MP
4	WS-AI-DX10055	Panel	RPSMA	6	P to MP
5	WS-AI-DX02360	Omni	RPSMA	2	P to MP
6	WS-AI-DT05120	Sector	RPSMA	5	P to MP
Note: 1. The antennas are professionally installed. 2. Two PIFA antennas with the same power setting, 6dBi one with the highest gain was chosen for final test.					

1.1.3 EUT Operational Condition

Supply Voltage	☐ AC mains	☒ DC	
Type of DC Source	☐ Internal DC supply	☐ External DC adapter	☒ 3.3 Vdc from Host

1.1.4 Accessories

N/A

1.1.5 Channel List

Frequency band (MHz)		5725~5850	
802.11 a / HT20 / VHT20		HT40 / VHT40	
Channel	Frequency(MHz)	Channel	Frequency(MHz)
149	5745	151	5755
153	5765	159	5795
157	5785	VHT 80	
161	5805	155	5775
165	5825	---	---

1.1.6 Test Tool and Duty Cycle

Test Tool	art2, Version 4_9_425		
Duty Cycle and Duty Factor	Mode	Duty cycle (%)	Duty factor (dB)
	11a	98.26%	0.08
	VHT20	98.16%	0.08
	VHT40	95.91%	0.18
	VHT80	90.45%	0.44

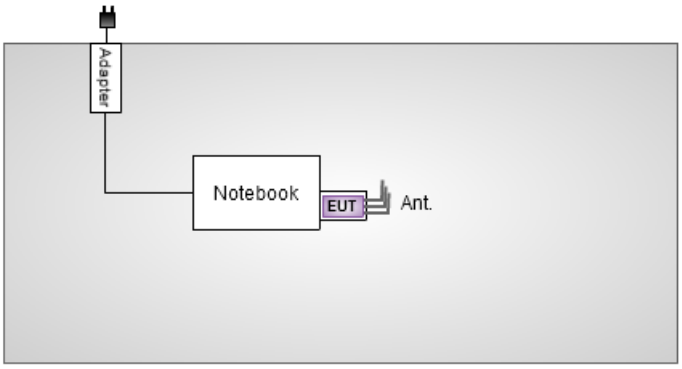
1.1.7 Power Setting

Modulation Mode	Test Frequency (MHz)	Ant 1	Ant 2	Ant 3	Ant 4	Ant 5	Ant 6
11a	5745	23	20.5	23	23	23	23
11a	5785	23	20.5	23	23	23	23
11a	5825	23	20	23	23	23	23
HT20	5745	23	20.5	23	23	23	23
HT20	5785	23	20.5	23	23	23	23
HT20	5825	23	20	23	23	23	23
HT40	5755	23	21	23	23	23	23
HT40	5795	23	21.5	23	23	23	23
VHT20	5745	23	20.5	23	23	23	23
VHT20	5785	23	20.5	23	23	23	23
VHT20	5825	23	20	23	23	23	23
VHT40	5755	23	21	23	23	23	23
VHT40	5795	23	21.5	23	23	23	23
VHT80	5775	16.5	16.5	16.5	16.5	16.5	16.5

1.2 Local Support Equipment List

Support Equipment List					
No.	**Equipment**	**Brand**	**Model**	**FCC ID**	**Signal cable / Length (m)**
1	Notebook	DELL	E6420	DoC	---
2	Extender card	Senao	adapter	---	---
3	Carrier board	Senao	IAP6200AG-0 0.2 LFP	---	---

1.3 Test Setup Chart

Test Setup Diagram


1.4 The Equipment List

Test Item	Conducted Emission				
Test Site	Conduction room 1 / (CO01-WS)				
Instrument	**Manufacturer**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
EMC Receiver	R&S	ESCS 30	100358	May. 17, 2013	May. 16, 2014
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 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. 30, 2013	Jan. 29, 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
Note: Calibration Interval of instruments listed above is one year.					

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
Note: Calibration Interval of instruments listed above is one year.					

Test Item	Radiated Emission				
Test Site	966 chamber1 / (03CH01-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	R&S	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
Note: Calibration Interval of instruments listed above is one year.					

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.					

1.5 Test Standards

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

47 CFR FCC Part 15.247
ANSI C63.10-2009
FCC KDB 558074 D01 DTS Meas Guidance v03r01
FCC KDB 662911 D01 Multiple Transmitter Output v02r01

Note: The EUT has been tested and complied with FCC part 15B requirement. FCC Part 15B test results are issued to another report.

1.6 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 ^{o}C
Conducted emission	±2.946 dB
AC conducted emission	±2.43 dB
Radiated emission	±2.49 dB

2 Test Configuration

2.1 Testing Condition

Test Item	Test Site	Ambient Condition	Tested By
AC Conduction	CO01-WS	23°C / 69%	Peter Lin
Radiated Emissions	03CH01-WS	25°C / 65%	Aska Huang
RF Conducted	TH01-WS	22.1°C / 61%	Brad Wu

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

2.2 The Worst Test Modes and Channel Details

Test item	Modulation Mode	Test Frequency (MHz)	Data rate (Mbps) / MCS	Test Configuration
Conducted Emissions	VHT20	5785	MCS 0	1-6
Radiated Emissions (below 1GHz)	VHT20	5785	MCS 0	1-6
Fundamental Emission Output Power	11a HT20 HT40 VHT20 VHT40 VHT80	5745 / 5785 / 5825 5745 / 5785 / 5825 5755 / 5795 5745 / 5785 / 5825 5755 / 5795 5775	6 Mbps MCS 0 MCS 0 MCS 0 MCS 0 MCS 0	1-6
Radiated Emissions (above 1GHz)	11a VHT20 VHT40 VHT80	5745 / 5785 / 5825 5745 / 5785 / 5825 5755 / 5795 5775	6 Mbps MCS 0 MCS 0 MCS 0	1-6
6dB bandwidth				
Power spectral density				

NOTE:

1. The EUT was pretested with 3 orientations placed on the table for the radiated emission measurement – X, Y, and Z-plane. The worst planes and final test configurations are record below.
2. The following antennas are used for this module:
   1) Configuration 1 : Dipole antenna with 3dBi gain
   2) Configuration 2 : PIFA antenna with 6dBi gain , X-plane
   3) Configuration 3 : Panel antenna with 5.5dBi gain, X-plane
   4) Configuration 4 : Panel antenna with 6dBi gain, X-plane
   5) Configuration 5 : Omni antenna with 2dBi gain, X-plane
   6) Configuration 6 : Sector antenna with 5dBi gain, X-plane

3 Transmitter Test Results

3.1 Conducted Emissions

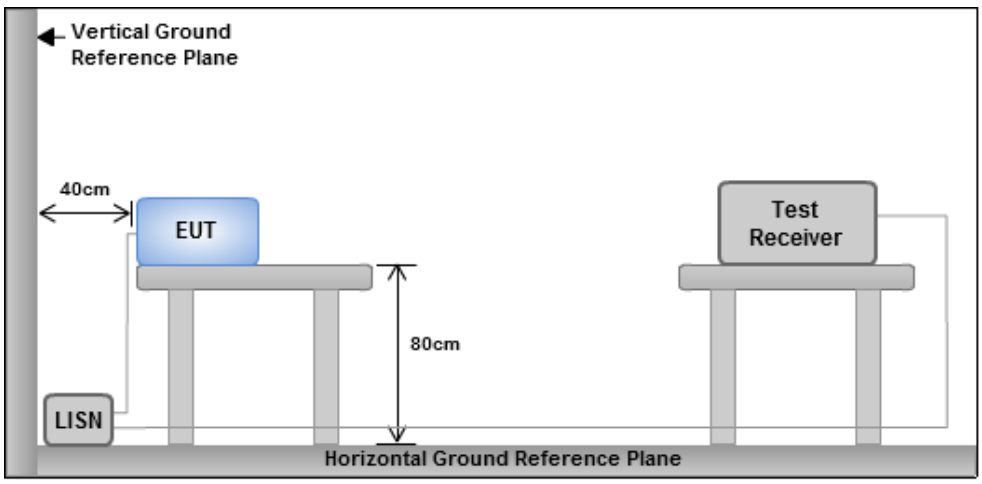
3.1.1 Limit of Conducted Emissions

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

1. 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.
2. 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.
4. This measurement was performed with AC 120V / 60Hz.

3.1.3 Test Setup

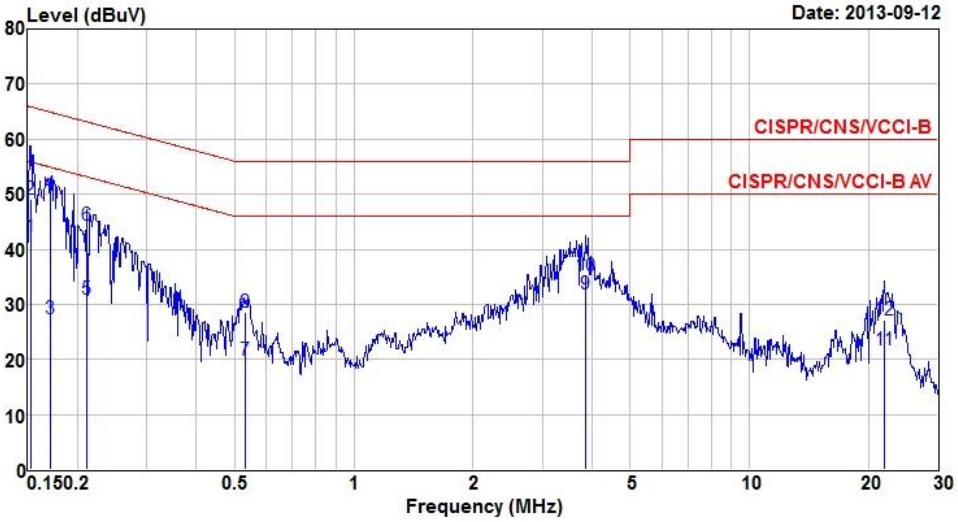


Note: 1. Support units were connected to second LISN.

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

3.1.4 Test Result of Conducted Emissions

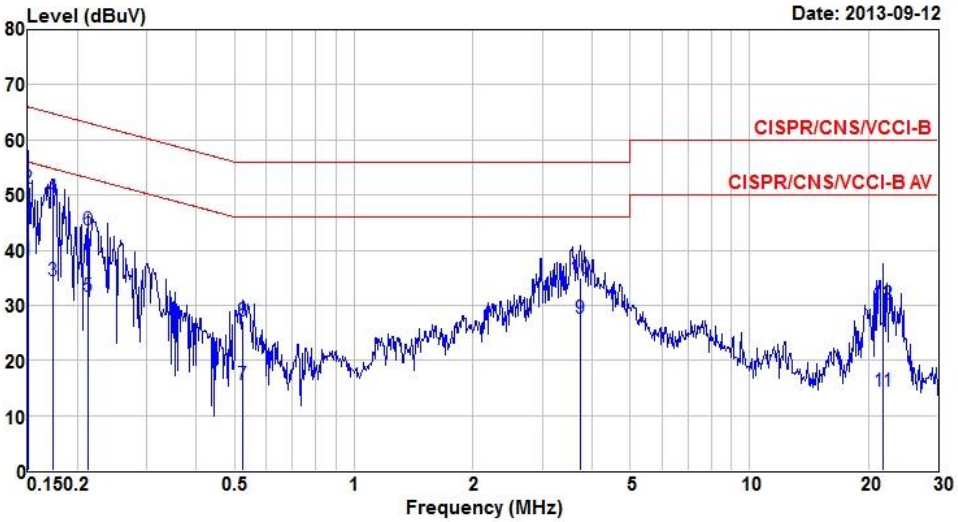
Modulation Mode	VHT20	Test Freq. (MHz)	5785
Power Phase	Line	Test Configuration	1



	Freq	Level	Limit Line	Over Limit	Read Level	LISN factor	cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1	0.152	42.31	55.87	-13.56	42.21	0.03	0.07	Average
2	0.152	49.04	65.87	-16.83	48.94	0.03	0.07	QP
3	0.170	27.45	54.94	-27.49	27.31	0.03	0.11	Average
4	0.170	49.95	64.94	-14.99	49.81	0.03	0.11	QP
5	0.211	30.92	53.18	-22.26	30.72	0.03	0.17	Average
6	0.211	44.29	63.18	-18.89	44.09	0.03	0.17	QP
7	0.532	19.82	46.00	-26.18	19.74	0.03	0.05	Average
8	0.532	28.53	56.00	-27.47	28.45	0.03	0.05	QP
9	3.860	31.83	46.00	-14.17	31.53	0.06	0.24	Average
10	3.860	35.29	56.00	-20.71	34.99	0.06	0.24	QP
11	21.946	21.67	50.00	-28.33	21.22	0.14	0.31	Average
12	21.946	27.03	60.00	-32.97	26.58	0.14	0.31	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB).
2: Over Limit (dBuV) = Limit Line (dBuV) – Level (dBuV).

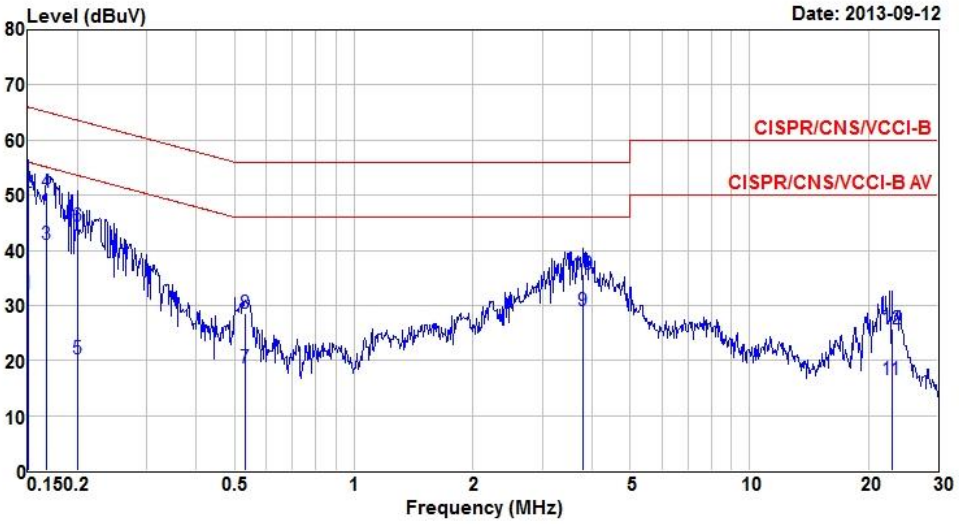
Modulation Mode	VHT20	Test Freq. (MHz)	5785
Power Phase	Neutral	Test Configuration	1



	Freq	Level	Limit Line	Over Limit	Read Level	LISN factor	cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1	0.151	38.35	55.96	-17.61	38.27	0.02	0.06	Average
2	0.151	51.10	65.96	-14.86	51.02	0.02	0.06	QP
3	0.173	34.46	54.81	-20.35	34.32	0.02	0.12	Average
4	0.173	49.49	64.81	-15.32	49.35	0.02	0.12	QP
5	0.213	31.55	53.10	-21.55	31.36	0.02	0.17	Average
6	0.213	43.60	63.10	-19.50	43.41	0.02	0.17	QP
7	0.524	15.64	46.00	-30.36	15.57	0.02	0.05	Average
8	0.524	27.08	56.00	-28.92	27.01	0.02	0.05	QP
9	3.740	27.59	46.00	-18.41	27.31	0.05	0.23	Average
10	3.740	35.01	56.00	-20.99	34.73	0.05	0.23	QP
11	21.830	14.49	50.00	-35.51	14.04	0.14	0.31	Average
12	21.830	30.19	60.00	-29.81	29.74	0.14	0.31	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB).
2: Over Limit (dBuV) = Limit Line (dBuV) – Level (dBuV).

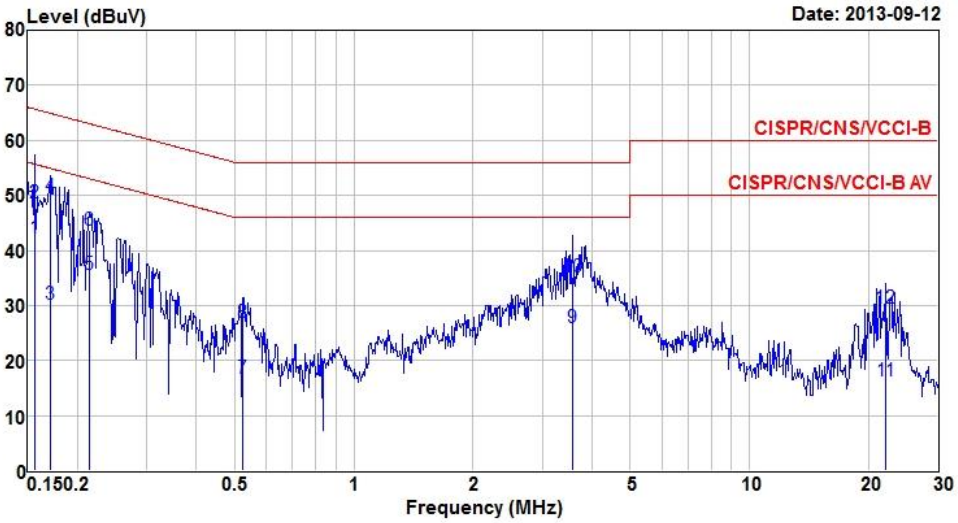
Modulation Mode	VHT20	Test Freq. (MHz)	5785
Power Phase	Line	Test Configuration	2



	Freq	Level	Limit Line	Over Limit	Read Level	LISN factor	cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1	0.151	32.07	55.96	-23.89	31.98	0.03	0.06	Average
2	0.151	50.42	65.96	-15.54	50.33	0.03	0.06	QP
3	0.168	41.19	55.08	-13.89	41.05	0.03	0.11	Average
4	0.168	50.56	65.08	-14.52	50.42	0.03	0.11	QP
5	0.200	20.27	53.62	-33.35	20.06	0.03	0.18	Average
6	0.200	44.44	63.62	-19.18	44.23	0.03	0.18	QP
7	0.532	18.63	46.00	-27.37	18.55	0.03	0.05	Average
8	0.532	28.47	56.00	-27.53	28.39	0.03	0.05	QP
9	3.799	28.97	46.00	-17.03	28.68	0.06	0.23	Average
10	3.799	35.71	56.00	-20.29	35.42	0.06	0.23	QP
11	22.896	16.46	50.00	-33.54	15.94	0.14	0.38	Average
12	22.896	25.83	60.00	-34.17	25.31	0.14	0.38	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB).
2: Over Limit (dBuV) = Limit Line (dBuV) – Level (dBuV).

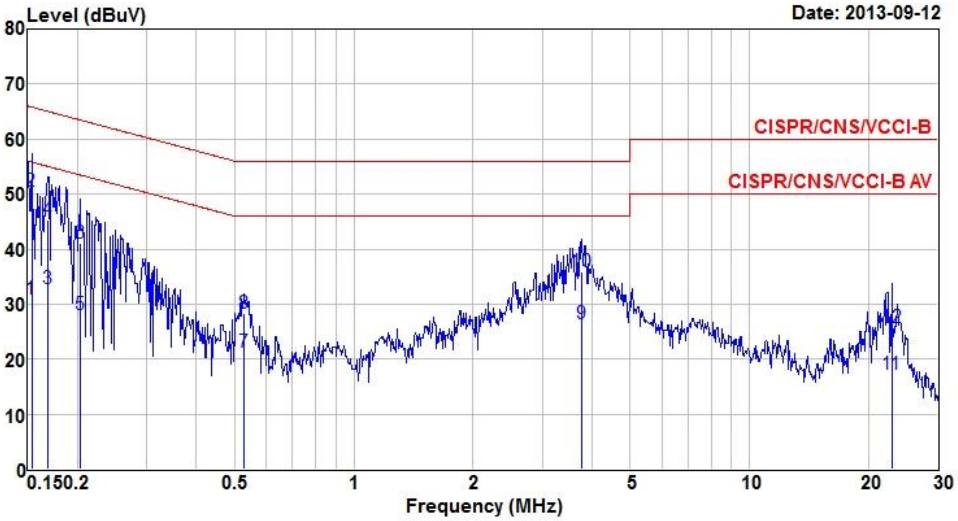
Modulation Mode	VHT20	Test Freq. (MHz)	5785
Power Phase	Neutral	Test Configuration	2



	Freq	Level	Limit Line	Over Limit	Read Level	LISN factor	cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1	0.156	42.30	55.69	-13.39	42.21	0.02	0.07	Average
2	0.156	48.59	65.69	-17.10	48.50	0.02	0.07	QP
3	0.171	30.23	54.90	-24.67	30.10	0.02	0.11	Average
4	0.171	49.82	64.90	-15.08	49.69	0.02	0.11	QP
5	0.214	35.64	53.05	-17.41	35.45	0.02	0.17	Average
6	0.214	43.57	63.05	-19.48	43.38	0.02	0.17	QP
7	0.524	16.82	46.00	-29.18	16.75	0.02	0.05	Average
8	0.524	26.98	56.00	-29.02	26.91	0.02	0.05	QP
9	3.565	25.94	46.00	-20.06	25.66	0.05	0.23	Average
10	3.565	35.10	56.00	-20.90	34.82	0.05	0.23	QP
11	22.180	16.18	50.00	-33.82	15.71	0.14	0.33	Average
12	22.180	29.58	60.00	-30.42	29.11	0.14	0.33	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB).
2: Over Limit (dBuV) = Limit Line (dBuV) – Level (dBuV).

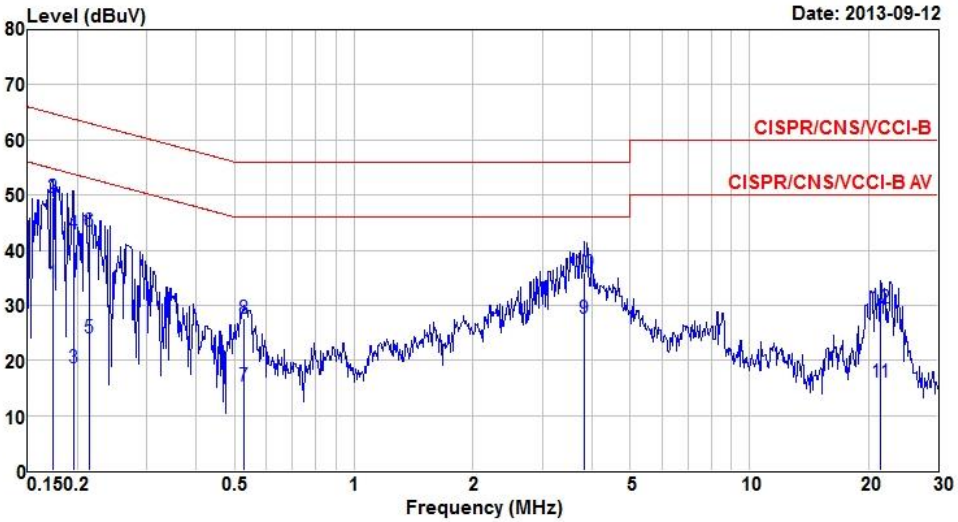
Modulation Mode	VHT20	Test Freq. (MHz)	5785
Power Phase	Line	Test Configuration	3



	Freq	Level	Limit Line	Over Limit	Read Level	LISN factor	cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1	0.153	30.96	55.82	-24.86	30.86	0.03	0.07	Average
2	0.153	50.56	65.82	-15.26	50.46	0.03	0.07	QP
3	0.169	32.77	55.03	-22.26	32.63	0.03	0.11	Average
4	0.169	45.25	65.03	-19.78	45.11	0.03	0.11	QP
5	0.203	28.11	53.49	-25.38	27.90	0.03	0.18	Average
6	0.203	41.14	63.49	-22.35	40.93	0.03	0.18	QP
7	0.529	21.18	46.00	-24.82	21.10	0.03	0.05	Average
8	0.529	28.35	56.00	-27.65	28.27	0.03	0.05	QP
9	3.779	26.47	46.00	-19.53	26.18	0.06	0.23	Average
10	3.779	35.90	56.00	-20.10	35.61	0.06	0.23	QP
11	22.896	17.33	50.00	-32.67	16.81	0.14	0.38	Average
12	22.896	25.75	60.00	-34.25	25.23	0.14	0.38	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB).
2: Over Limit (dBuV) = Limit Line (dBuV) – Level (dBuV).

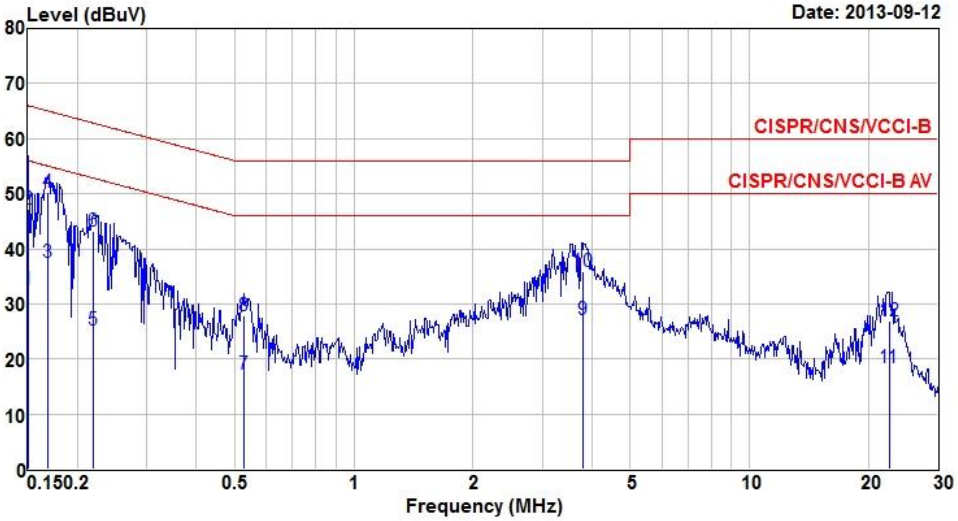
Modulation Mode	VHT20	Test Freq. (MHz)	5785
Power Phase	Neutral	Test Configuration	3



	Freq	Level	Limit Line	Over Limit	Read Level	LISN factor	cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1	0.173	34.00	54.81	-20.81	33.86	0.02	0.12	Average
2	0.173	49.55	64.81	-15.26	49.41	0.02	0.12	QP
3	0.195	18.70	53.80	-35.10	18.51	0.02	0.17	Average
4	0.195	43.06	63.80	-20.74	42.87	0.02	0.17	QP
5	0.214	24.09	53.05	-28.96	23.90	0.02	0.17	Average
6	0.214	43.43	63.05	-19.62	43.24	0.02	0.17	QP
7	0.529	15.33	46.00	-30.67	15.26	0.02	0.05	Average
8	0.529	27.71	56.00	-28.29	27.64	0.02	0.05	QP
9	3.820	27.69	46.00	-18.31	27.41	0.05	0.23	Average
10	3.820	35.92	56.00	-20.08	35.64	0.05	0.23	QP
11	21.486	16.02	50.00	-33.98	15.59	0.14	0.29	Average
12	21.486	29.62	60.00	-30.38	29.19	0.14	0.29	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB).
2: Over Limit (dBuV) = Limit Line (dBuV) – Level (dBuV).

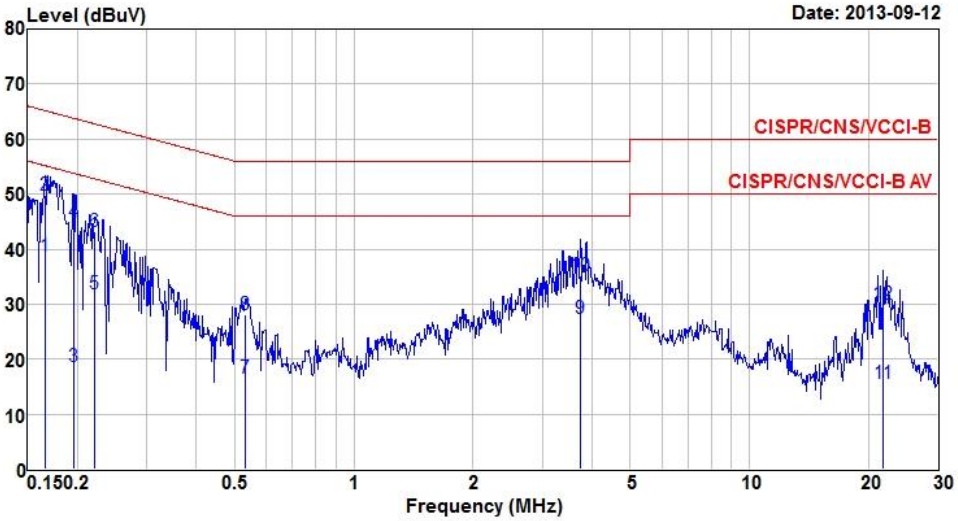
Modulation Mode	VHT20	Test Freq. (MHz)	5785
Power Phase	Line	Test Configuration	4



	Freq	Level	Limit Line	Over Limit	Read Level	LISN factor	cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1	0.151	32.61	55.96	-23.35	32.52	0.03	0.06	Average
2	0.151	47.32	65.96	-18.64	47.23	0.03	0.06	QP
3	0.169	37.48	55.03	-17.55	37.34	0.03	0.11	Average
4	0.169	50.37	65.03	-14.66	50.23	0.03	0.11	QP
5	0.220	25.23	52.83	-27.60	25.04	0.03	0.16	Average
6	0.220	43.29	62.83	-19.54	43.10	0.03	0.16	QP
7	0.527	17.14	46.00	-28.86	17.06	0.03	0.05	Average
8	0.527	27.89	56.00	-28.11	27.81	0.03	0.05	QP
9	3.799	27.26	46.00	-18.74	26.97	0.06	0.23	Average
10	3.799	35.91	56.00	-20.09	35.62	0.06	0.23	QP
11	22.535	18.51	50.00	-31.49	18.01	0.14	0.36	Average
12	22.535	26.81	60.00	-33.19	26.31	0.14	0.36	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB).
2: Over Limit (dBuV) = Limit Line (dBuV) – Level (dBuV).

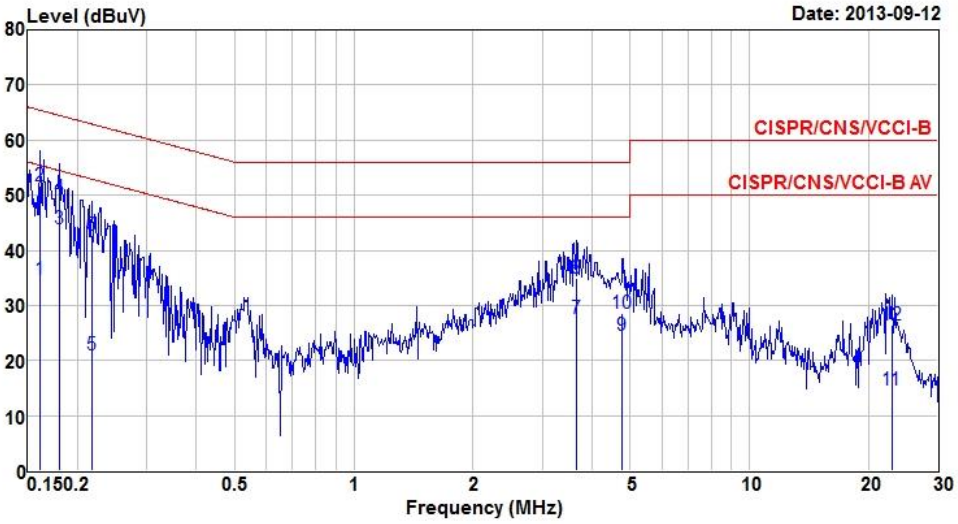
Modulation Mode	VHT20	Test Freq. (MHz)	5785
Power Phase	Neutral	Test Configuration	4



	Freq	Level	Limit Line	Over Limit	Read Level	LISN factor	cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1	0.166	38.74	55.16	-16.42	38.62	0.02	0.10	Average
2	0.166	49.69	65.16	-15.47	49.57	0.02	0.10	QP
3	0.195	18.63	53.80	-35.17	18.44	0.02	0.17	Average
4	0.195	44.83	63.80	-18.97	44.64	0.02	0.17	QP
5	0.221	31.80	52.79	-20.99	31.62	0.02	0.16	Average
6	0.221	43.20	62.79	-19.59	43.02	0.02	0.16	QP
7	0.532	16.44	46.00	-29.56	16.37	0.02	0.05	Average
8	0.532	28.03	56.00	-27.97	27.96	0.02	0.05	QP
9	3.740	27.41	46.00	-18.59	27.13	0.05	0.23	Average
10	3.740	35.11	56.00	-20.89	34.83	0.05	0.23	QP
11	21.830	15.51	50.00	-34.49	15.06	0.14	0.31	Average
12	21.830	29.87	60.00	-30.13	29.42	0.14	0.31	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB).
2: Over Limit (dBuV) = Limit Line (dBuV) – Level (dBuV).

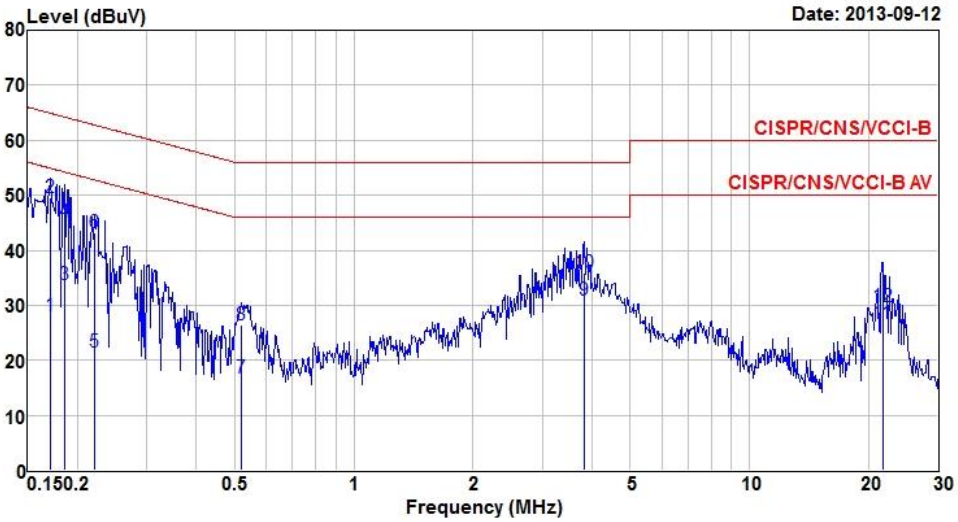
Modulation Mode	VHT20	Test Freq. (MHz)	5785
Power Phase	Line	Test Configuration	5



	Freq	Level	Limit Line	Over Limit	Read Level	LISN factor	cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1	0.161	34.78	55.43	-20.65	34.66	0.03	0.09	Average
2	0.161	51.79	65.43	-13.64	51.67	0.03	0.09	QP
3	0.180	43.88	54.50	-10.62	43.71	0.03	0.14	Average
4	0.180	49.46	64.50	-15.04	49.29	0.03	0.14	QP
5	0.217	21.10	52.92	-31.82	20.91	0.03	0.16	Average
6	0.217	42.81	62.92	-20.11	42.62	0.03	0.16	QP
7	3.661	27.58	46.00	-18.42	27.29	0.06	0.23	Average
8	3.661	34.94	56.00	-21.06	34.65	0.06	0.23	QP
9	4.772	24.45	46.00	-21.55	24.17	0.06	0.22	Average
10	4.772	28.63	56.00	-27.37	28.35	0.06	0.22	QP
11	22.896	14.76	50.00	-35.24	14.24	0.14	0.38	Average
12	22.896	26.40	60.00	-33.60	25.88	0.14	0.38	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB).
2: Over Limit (dBuV) = Limit Line (dBuV) – Level (dBuV).

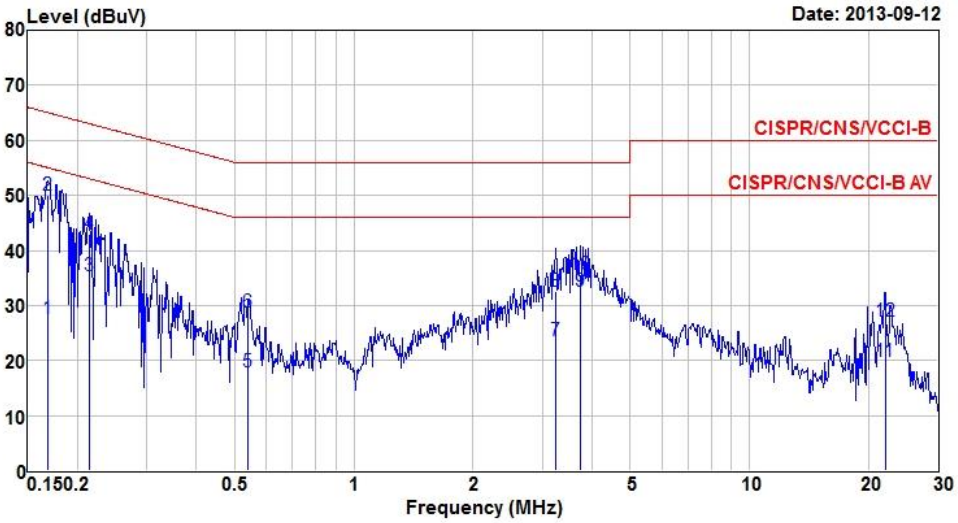
Modulation Mode	VHT20	Test Freq. (MHz)	5785
Power Phase	Neutral	Test Configuration	5



	Freq	Level	Limit Line	Over Limit	Read Level	LISN factor	cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1	0.171	28.14	54.90	-26.76	28.01	0.02	0.11	Average
2	0.171	49.64	64.90	-15.26	49.51	0.02	0.11	QP
3	0.185	33.81	54.24	-20.43	33.64	0.02	0.15	Average
4	0.185	45.03	64.24	-19.21	44.86	0.02	0.15	QP
5	0.221	21.51	52.79	-31.28	21.33	0.02	0.16	Average
6	0.221	43.22	62.79	-19.57	43.04	0.02	0.16	QP
7	0.518	16.71	46.00	-29.29	16.64	0.02	0.05	Average
8	0.518	26.45	56.00	-29.55	26.38	0.02	0.05	QP
9	3.820	30.83	46.00	-15.17	30.55	0.05	0.23	Average
10	3.820	35.90	56.00	-20.10	35.62	0.05	0.23	QP
11	21.715	26.77	50.00	-23.23	26.33	0.14	0.30	Average
12	21.715	29.80	60.00	-30.20	29.36	0.14	0.30	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB).
2: Over Limit (dBuV) = Limit Line (dBuV) – Level (dBuV).

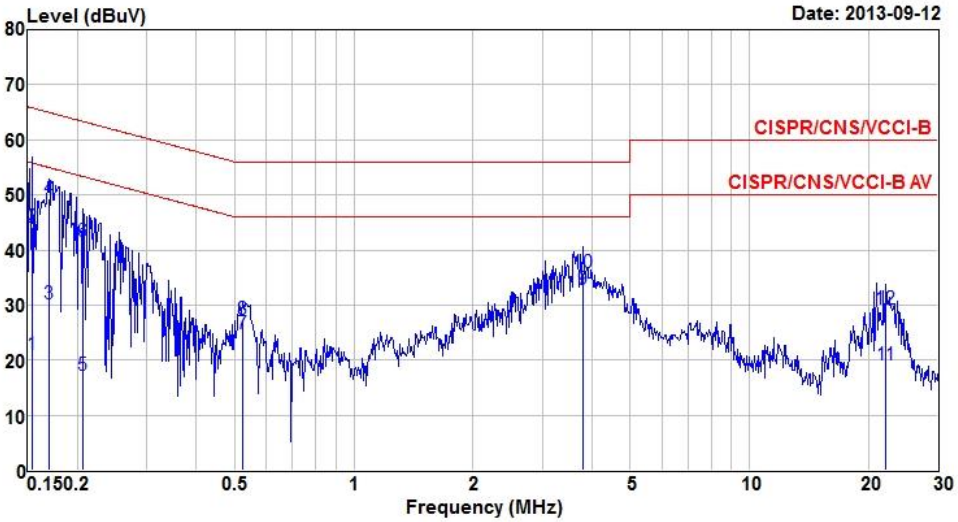
Modulation Mode	VHT20	Test Freq. (MHz)	5785
Power Phase	Line	Test Configuration	6



	Freq	Level	Limit Line	Over Limit	Read Level	LISN factor	cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1	0.169	27.53	55.03	-27.50	27.39	0.03	0.11	Average
2	0.169	49.93	65.03	-15.10	49.79	0.03	0.11	QP
3	0.214	35.35	53.05	-17.70	35.15	0.03	0.17	Average
4	0.214	42.95	63.05	-20.10	42.75	0.03	0.17	QP
5	0.541	17.92	46.00	-28.08	17.84	0.03	0.05	Average
6	0.541	28.71	56.00	-27.29	28.63	0.03	0.05	QP
7	3.241	23.53	46.00	-22.47	23.25	0.06	0.22	Average
8	3.241	32.65	56.00	-23.35	32.37	0.06	0.22	QP
9	3.740	32.65	46.00	-13.35	32.36	0.06	0.23	Average
10	3.740	35.68	56.00	-20.32	35.39	0.06	0.23	QP
11	22.063	19.89	50.00	-30.11	19.43	0.14	0.32	Average
12	22.063	27.13	60.00	-32.87	26.67	0.14	0.32	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB).
2: Over Limit (dBuV) = Limit Line (dBuV) – Level (dBuV).

Modulation Mode	VHT20	Test Freq. (MHz)	5785
Power Phase	Neutral	Test Configuration	6



	Freq	Level	Limit Line	Over Limit	Read Level	LISN factor	cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1	0.154	21.00	55.78	-34.78	20.91	0.02	0.07	Average
2	0.154	44.06	65.78	-21.72	43.97	0.02	0.07	QP
3	0.169	30.13	54.99	-24.86	30.00	0.02	0.11	Average
4	0.169	49.38	64.99	-15.61	49.25	0.02	0.11	QP
5	0.207	17.18	53.32	-36.14	16.99	0.02	0.17	Average
6	0.207	41.50	63.32	-21.82	41.31	0.02	0.17	QP
7	0.524	24.86	46.00	-21.14	24.79	0.02	0.05	Average
8	0.524	27.30	56.00	-28.70	27.23	0.02	0.05	QP
9	3.799	32.88	46.00	-13.12	32.60	0.05	0.23	Average
10	3.799	35.78	56.00	-20.22	35.50	0.05	0.23	QP
11	22.180	19.06	50.00	-30.94	18.59	0.14	0.33	Average
12	22.180	29.20	60.00	-30.80	28.73	0.14	0.33	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB).
2: Over Limit (dBuV) = Limit Line (dBuV) – Level (dBuV).

3.2 6dB and Occupied Bandwidth

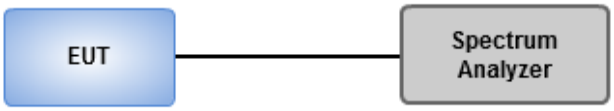
3.2.1 Limit of 6dB Bandwidth

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

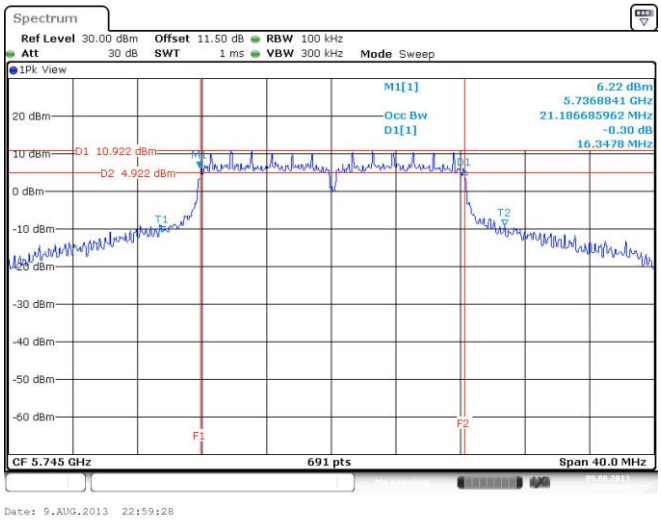


3.2.4 Test Result of 6dB and Occupied Bandwidth

Test Configuration 1

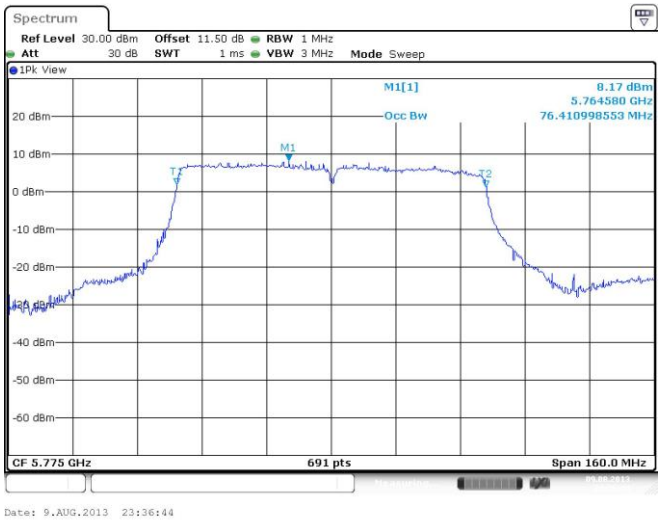
Modulation Mode	N_{TX}	Freq. (MHz)	6dB Bandwidth (MHz)				Limit (kHz)
			Chain 0	Chain 1	Chain 2	Chain 3	
11a	3	5745	16.35	16.35	16.35	---	500
11a	3	5785	16.35	16.35	16.35	---	500
11a	3	5825	16.35	16.35	16.35	---	500
VHT20	3	5745	17.51	17.57	17.28	---	500
VHT20	3	5785	17.62	16.99	17.33	---	500
VHT20	3	5825	17.28	17.51	17.57	---	500
VHT40	3	5755	35.83	35.71	35.71	---	500
VHT40	3	5795	35.83	35.94	35.71	---	500
VHT80	3	5775	75.36	75.59	75.36	---	500

Worst Plots



Modulation Mode	N_{TX}	Freq. (MHz)	99% Occupied Bandwidth (MHz)			
			Chain 0	Chain 1	Chain 2	Chain 3
11a	3	5745	22.11	25.53	24.72	---
11a	3	5785	19.97	23.10	24.20	
11a	3	5825	21.01	24.95	24.78	---
VHT20	3	5745	22.17	26.16	25.35	---
VHT20	3	5785	20.90	24.20	25.30	---
VHT20	3	5825	21.65	25.18	25.64	---
VHT40	3	5755	46.77	52.68	48.39	---
VHT40	3	5795	44.23	50.13	49.55	---
VHT80	3	5775	76.18	76.41	76.18	---

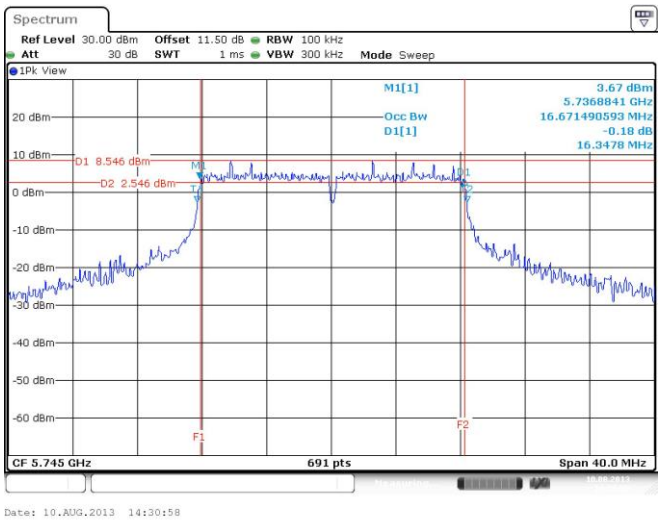
Worst Plots



Test Configuration 2

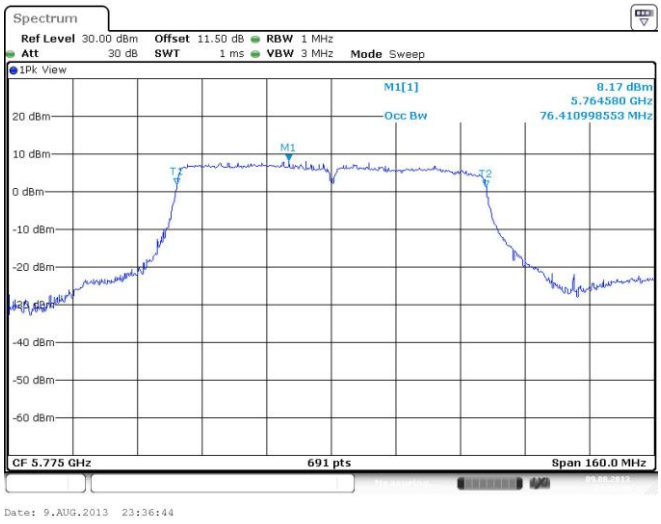
Modulation Mode	N_{TX}	Freq. (MHz)	6dB Bandwidth (MHz)				Limit (kHz)
			Chain 0	Chain 1	Chain 2	Chain 3	
11a	3	5745	16.35	16.35	16.35	---	500
11a	3	5785	16.35	16.35	16.35	---	500
11a	3	5825	16.35	16.35	16.35	---	500
VHT20	3	5745	17.57	17.57	17.57	---	500
VHT20	3	5785	17.57	17.57	17.62	---	500
VHT20	3	5825	17.57	17.57	17.57	---	500
VHT40	3	5755	35.83	36.06	35.71	---	500
VHT40	3	5795	36.06	36.29	36.29	---	500
VHT80	3	5775	75.36	75.59	75.36	---	500

Worst Plots



Modulation Mode	N_{TX}	Freq. (MHz)	99% Occupied Bandwidth (MHz)			
			Chain 0	Chain 1	Chain 2	Chain 3
11a	3	5745	17.48	18.47	18.12	---
11a	3	5785	17.42	17.71	17.95	
11a	3	5825	17.25	17.89	17.77	---
VHT20	3	5745	18.58	19.10	19.22	---
VHT20	3	5785	18.41	18.87	19.22	---
VHT20	3	5825	18.41	18.76	19.28	---
VHT40	3	5755	39.25	42.84	39.71	---
VHT40	3	5795	39.59	43.18	41.22	---
VHT80	3	5775	76.18	76.41	76.18	---

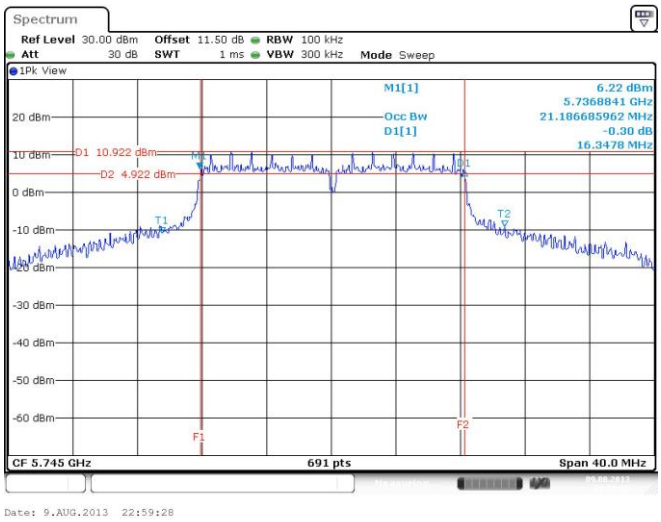
Worst Plots



Test Configuration 3

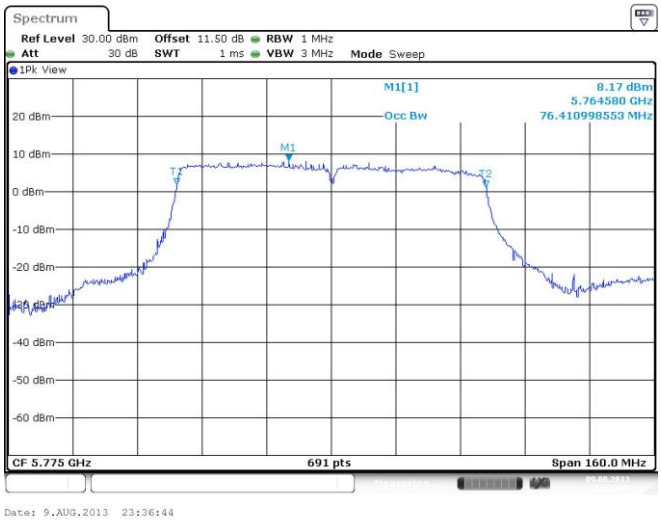
Modulation Mode	N_{TX}	Freq. (MHz)	6dB Bandwidth (MHz)				Limit (kHz)
			Chain 0	Chain 1	Chain 2	Chain 3	
11a	3	5745	16.35	16.35	16.35	---	500
11a	3	5785	16.35	16.35	16.35	---	500
11a	3	5825	16.35	16.35	16.35	---	500
VHT20	3	5745	17.51	17.57	17.28	---	500
VHT20	3	5785	17.62	16.99	17.33	---	500
VHT20	3	5825	17.28	17.51	17.57	---	500
VHT40	3	5755	35.83	35.71	35.71	---	500
VHT40	3	5795	35.83	35.94	35.71	---	500
VHT80	3	5775	75.36	75.59	75.36	---	500

Worst Plots



Modulation Mode	N_{TX}	Freq. (MHz)	99% Occupied Bandwidth (MHz)			
			Chain 0	Chain 1	Chain 2	Chain 3
11a	3	5745	22.11	25.53	24.72	---
11a	3	5785	19.97	23.10	24.20	
11a	3	5825	21.01	24.95	24.78	---
VHT20	3	5745	22.17	26.16	25.35	---
VHT20	3	5785	20.90	24.20	25.30	---
VHT20	3	5825	21.65	25.18	25.64	---
VHT40	3	5755	46.77	52.68	48.39	---
VHT40	3	5795	44.23	50.13	49.55	---
VHT80	3	5775	76.18	76.41	76.18	---

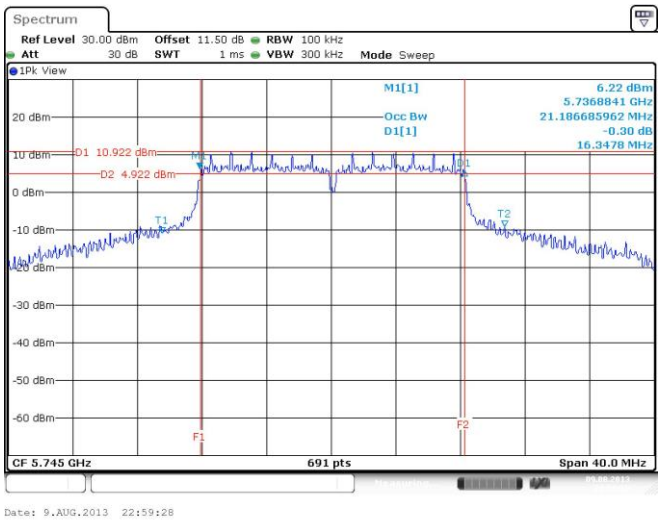
Worst Plots



Test Configuration 4

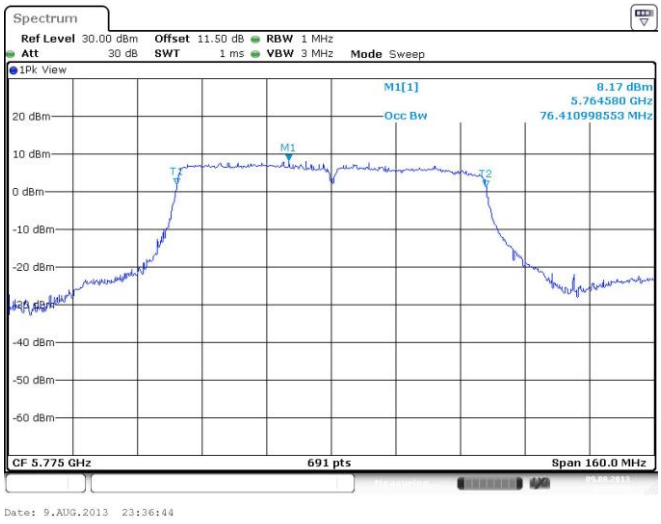
Modulation Mode	N_{TX}	Freq. (MHz)	6dB Bandwidth (MHz)				Limit (kHz)
			Chain 0	Chain 1	Chain 2	Chain 3	
11a	3	5745	16.35	16.35	16.35	---	500
11a	3	5785	16.35	16.35	16.35	---	500
11a	3	5825	16.35	16.35	16.35	---	500
VHT20	3	5745	17.51	17.57	17.28	---	500
VHT20	3	5785	17.62	16.99	17.33	---	500
VHT20	3	5825	17.28	17.51	17.57	---	500
VHT40	3	5755	35.83	35.71	35.71	---	500
VHT40	3	5795	35.83	35.94	35.71	---	500
VHT80	3	5775	75.36	75.59	75.36	---	500

Worst Plots



Modulation Mode	N_{TX}	Freq. (MHz)	99% Occupied Bandwidth (MHz)			
			Chain 0	Chain 1	Chain 2	Chain 3
11a	3	5745	22.11	25.53	24.72	---
11a	3	5785	19.97	23.10	24.20	
11a	3	5825	21.01	24.95	24.78	---
VHT20	3	5745	22.17	26.16	25.35	---
VHT20	3	5785	20.90	24.20	25.30	---
VHT20	3	5825	21.65	25.18	25.64	---
VHT40	3	5755	46.77	52.68	48.39	---
VHT40	3	5795	44.23	50.13	49.55	---
VHT80	3	5775	76.18	76.41	76.18	---

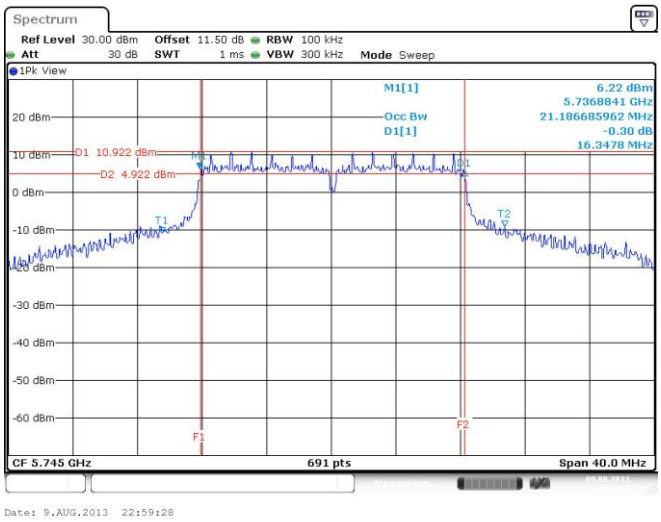
Worst Plots



Test Configuration 5

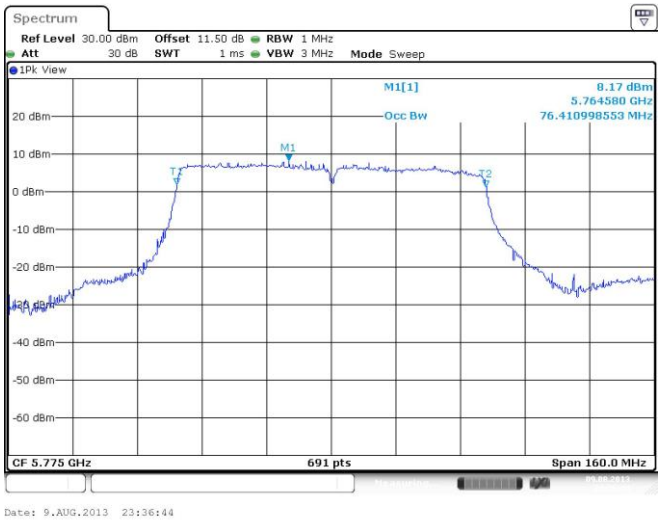
Modulation Mode	N_{TX}	Freq. (MHz)	6dB Bandwidth (MHz)				Limit (kHz)
			Chain 0	Chain 1	Chain 2	Chain 3	
11a	3	5745	16.35	16.35	16.35	---	500
11a	3	5785	16.35	16.35	16.35	---	500
11a	3	5825	16.35	16.35	16.35	---	500
VHT20	3	5745	17.51	17.57	17.28	---	500
VHT20	3	5785	17.62	16.99	17.33	---	500
VHT20	3	5825	17.28	17.51	17.57	---	500
VHT40	3	5755	35.83	35.71	35.71	---	500
VHT40	3	5795	35.83	35.94	35.71	---	500
VHT80	3	5775	75.36	75.59	75.36	---	500

Worst Plots



Modulation Mode	N_{TX}	Freq. (MHz)	99% Occupied Bandwidth (MHz)			
			Chain 0	Chain 1	Chain 2	Chain 3
11a	3	5745	22.11	25.53	24.72	---
11a	3	5785	19.97	23.10	24.20	
11a	3	5825	21.01	24.95	24.78	---
VHT20	3	5745	22.17	26.16	25.35	---
VHT20	3	5785	20.90	24.20	25.30	---
VHT20	3	5825	21.65	25.18	25.64	---
VHT40	3	5755	46.77	52.68	48.39	---
VHT40	3	5795	44.23	50.13	49.55	---
VHT80	3	5775	76.18	76.41	76.18	---

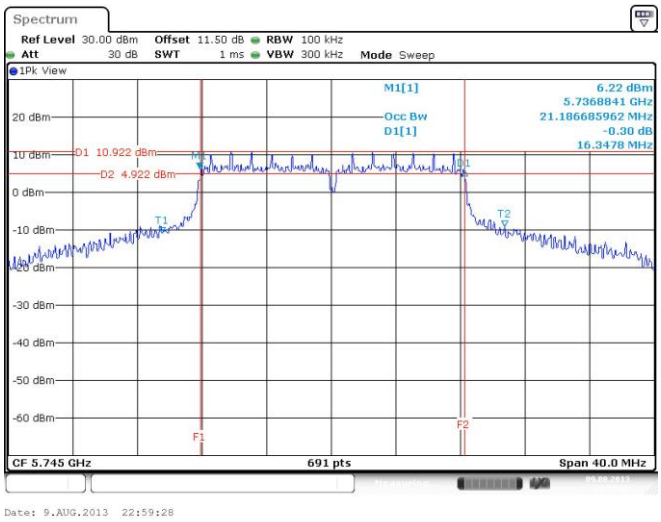
Worst Plots



Test Configuration 6

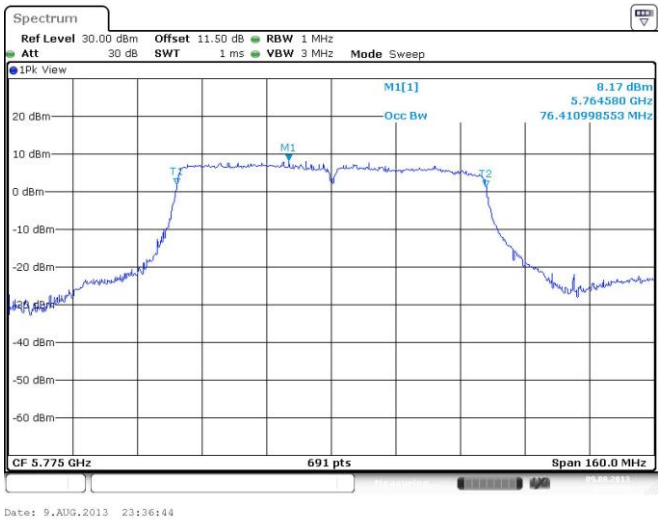
Modulation Mode	N_{TX}	Freq. (MHz)	6dB Bandwidth (MHz)				Limit (kHz)
			Chain 0	Chain 1	Chain 2	Chain 3	
11a	3	5745	16.35	16.35	16.35	---	500
11a	3	5785	16.35	16.35	16.35	---	500
11a	3	5825	16.35	16.35	16.35	---	500
VHT20	3	5745	17.51	17.57	17.28	---	500
VHT20	3	5785	17.62	16.99	17.33	---	500
VHT20	3	5825	17.28	17.51	17.57	---	500
VHT40	3	5755	35.83	35.71	35.71	---	500
VHT40	3	5795	35.83	35.94	35.71	---	500
VHT80	3	5775	75.36	75.59	75.36	---	500

Worst Plots



Modulation Mode	N_{TX}	Freq. (MHz)	99% Occupied Bandwidth (MHz)			
			Chain 0	Chain 1	Chain 2	Chain 3
11a	3	5745	22.11	25.53	24.72	---
11a	3	5785	19.97	23.10	24.20	
11a	3	5825	21.01	24.95	24.78	---
VHT20	3	5745	22.17	26.16	25.35	---
VHT20	3	5785	20.90	24.20	25.30	---
VHT20	3	5825	21.65	25.18	25.64	---
VHT40	3	5755	46.77	52.68	48.39	---
VHT40	3	5795	44.23	50.13	49.55	---
VHT80	3	5775	76.18	76.41	76.18	---

Worst Plots



3.3 RF Output Power

3.3.1 Limit of RF Output Power

Conducted power shall not exceed 1Watt.

☒ Antenna gain <= 6dBi, no any corresponding reduction is in output power limit.

☐ Antenna gain > 6dBi

☐ Non Fixed, point to point operations.
The conducted output power from the intentional radiator shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dB

☐ Fixed, point to point operations
Systems operating in the 2400–2483.5 MHz band that are used exclusively for fixed, point-to-point Operations, maximum peak output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6 dBi.

Systems operating in the 5725–5850 MHz band that are used exclusively for fixed, point-to-point operations ,no any corresponding reduction is in transmitter peak output power

3.3.2 Test Procedures

☒ Maximum Peak Conducted Output Power

☐ **Spectrum 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.

☒ **Power meter**

1. A broadband Peak RF power meter is used for output power measurement. The video bandwidth of power meter is greater than DTS 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.

☒ Maximum Conducted Output Power (For reference only)

☐ **Spectrum analyzer**

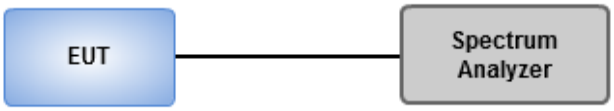
1. Set RBW = 1MHz, VBW = 3MHz, Detector = RMS.
2. Set the sweep time to: ≥10 x (number of measurement points in sweep) x (maximum data rate per stream).
3. Perform the measurement over a single sweep.
4. Use the spectrum analyzer's band power measurement function with band limits set equal to the EBW(26dBc) band edges.

☒ **Power meter**

1. A broadband Average RF power meter is used for output power measurement. The video bandwidth of power meter is greater than DTS 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.

3.3.3 Test Setup

For 11ac VHT80



For all modes except 11ac VHT80

3.3.4 Test Result of Maximum Output Power

Test Configuration 1

Modulation Mode	N_{TX}	Freq. (MHz)	Peak conducted output power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)
			Chain 0	Chain 1	Chain 2	Chain 3			
11a	3	5745	24.69	24.80	25.10	---	920.031	29.64	30.00
11a	3	5785	24.71	24.81	25.25	---	933.458	29.70	30.00
11a	3	5825	24.78	24.89	25.26	---	944.664	29.75	30.00
HT20	3	5745	24.81	24.87	25.23	---	943.020	29.75	30.00
HT20	3	5785	24.63	24.81	25.19	---	923.463	29.65	30.00
HT20	3	5825	24.71	24.87	25.23	---	936.130	29.71	30.00
HT40	3	5755	24.52	24.81	25.08	---	907.937	29.58	30.00
HT40	3	5795	24.62	24.83	25.11	---	918.162	29.63	30.00
VHT20	3	5745	24.83	24.92	25.28	---	951.832	29.79	30.00
VHT20	3	5785	24.89	24.98	25.29	---	961.158	29.83	30.00
VHT20	3	5825	24.76	24.91	25.29	---	947.033	29.76	30.00
VHT40	3	5755	24.69	24.88	25.18	---	931.662	29.69	30.00
VHT40	3	5795	24.70	24.92	25.23	---	939.003	29.73	30.00
VHT80	3	5775	24.05	24.88	25.18	---	891.317	29.50	30.00

Modulation Mode	N_{TX}	Freq. (MHz)	Conducted (average) output power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)
			Chain 0	Chain 1	Chain 2	Chain 3			
11a	3	5745	21.62	22.12	22.48	---	485.152	26.86	30.00
11a	3	5785	21.38	22.03	22.59	---	478.544	26.80	30.00
11a	3	5825	21.56	22.34	22.55	---	494.502	26.94	30.00
HT20	3	5745	21.62	22.24	22.41	---	486.886	26.87	30.00
HT20	3	5785	21.41	22.14	22.27	---	470.694	26.73	30.00
HT20	3	5825	21.44	22.24	22.46	---	483.008	26.84	30.00
HT40	3	5755	21.16	21.84	21.99	---	441.498	26.45	30.00
HT40	3	5795	21.18	21.86	21.98	---	442.443	26.46	30.00
VHT20	3	5745	21.64	22.38	22.50	---	496.691	26.96	30.00
VHT20	3	5785	21.61	22.26	22.43	---	488.129	26.89	30.00
VHT20	3	5825	21.56	22.29	22.54	---	492.126	26.92	30.00
VHT40	3	5755	21.28	21.89	22.03	---	448.390	26.52	30.00
VHT40	3	5795	21.22	21.94	22.01	---	447.604	26.51	30.00
VHT80	3	5775	15.35	16.10	16.18	---	116.510	20.66	30.00

Note: Conducted average output power is for reference only.

Test Configuration 2

Modulation Mode	N_{TX}	Freq. (MHz)	Peak conducted output power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)
			Chain 0	Chain 1	Chain 2	Chain 3			
11a	3	5745	23.79	24.12	24.27	---	764.858	28.84	30.00
11a	3	5785	23.68	23.97	24.31	---	752.579	28.77	30.00
11a	3	5825	23.65	24.08	24.33	---	758.617	28.80	30.00
HT20	3	5745	23.59	24.03	24.31	---	751.264	28.76	30.00
HT20	3	5785	23.66	23.94	24.27	---	747.317	28.74	30.00
HT20	3	5825	23.57	23.98	24.36	---	750.442	28.75	30.00
HT40	3	5755	23.76	23.85	24.28	---	748.262	28.74	30.00
HT40	3	5795	23.91	24.17	24.53	---	791.045	28.98	30.00
VHT20	3	5745	23.66	24.09	24.43	---	766.054	28.84	30.00
VHT20	3	5785	23.71	23.99	24.35	---	757.844	28.80	30.00
VHT20	3	5825	23.62	24.05	24.47	---	764.140	28.83	30.00
VHT40	3	5755	23.82	23.97	24.36	---	763.348	28.83	30.00
VHT40	3	5795	23.99	24.19	24.65	---	804.775	29.06	30.00
VHT80	3	5775	24.05	24.88	25.18	---	891.317	29.50	30.00

Modulation Mode	N_{TX}	Freq. (MHz)	Conducted (average) output power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)
			Chain 0	Chain 1	Chain 2	Chain 3			
11a	3	5745	19.37	19.95	19.88	---	282.627	24.51	30.00
11a	3	5785	19.16	19.63	19.77	---	269.089	24.30	30.00
11a	3	5825	18.92	19.68	19.76	---	265.503	24.24	30.00
HT20	3	5745	19.11	19.78	19.96	---	275.614	24.40	30.00
HT20	3	5785	18.99	19.52	19.65	---	261.044	24.17	30.00
HT20	3	5825	18.78	19.54	19.68	---	258.356	24.12	30.00
HT40	3	5755	19.47	19.68	19.83	---	277.569	24.43	30.00
HT40	3	5795	19.51	19.99	20.15	---	292.615	24.66	30.00
VHT20	3	5745	19.14	19.87	20.01	---	279.317	24.46	30.00
VHT20	3	5785	19.08	19.56	19.74	---	265.463	24.24	30.00
VHT20	3	5825	18.82	19.63	19.73	---	262.013	24.18	30.00
VHT40	3	5755	19.53	19.81	19.95	---	284.318	24.54	30.00
VHT40	3	5795	19.53	20.09	20.24	---	297.519	24.74	30.00
VHT80	3	5775	15.35	16.10	16.18	---	116.510	20.66	30.00

Note: Conducted average output power is for reference only.

Test Configuration 3

Modulation Mode	N_{TX}	Freq. (MHz)	Peak conducted output power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)
			Chain 0	Chain 1	Chain 2	Chain 3			
11a	3	5745	24.69	24.80	25.10	---	920.031	29.64	30.00
11a	3	5785	24.71	24.81	25.25	---	933.458	29.70	30.00
11a	3	5825	24.78	24.89	25.26	---	944.664	29.75	30.00
HT20	3	5745	24.81	24.87	25.23	---	943.020	29.75	30.00
HT20	3	5785	24.63	24.81	25.19	---	923.463	29.65	30.00
HT20	3	5825	24.71	24.87	25.23	---	936.130	29.71	30.00
HT40	3	5755	24.52	24.81	25.08	---	907.937	29.58	30.00
HT40	3	5795	24.62	24.83	25.11	---	918.162	29.63	30.00
VHT20	3	5745	24.83	24.92	25.28	---	951.832	29.79	30.00
VHT20	3	5785	24.89	24.98	25.29	---	961.158	29.83	30.00
VHT20	3	5825	24.76	24.91	25.29	---	947.033	29.76	30.00
VHT40	3	5755	24.69	24.88	25.18	---	931.662	29.69	30.00
VHT40	3	5795	24.70	24.92	25.23	---	939.003	29.73	30.00
VHT80	3	5775	24.05	24.88	25.18	---	891.317	29.50	30.00

Modulation Mode	N_{TX}	Freq. (MHz)	Conducted (average) output power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)
			Chain 0	Chain 1	Chain 2	Chain 3			
11a	3	5745	21.62	22.12	22.48	---	485.152	26.86	30.00
11a	3	5785	21.38	22.03	22.59	---	478.544	26.80	30.00
11a	3	5825	21.56	22.34	22.55	---	494.502	26.94	30.00
HT20	3	5745	21.62	22.24	22.41	---	486.886	26.87	30.00
HT20	3	5785	21.41	22.14	22.27	---	470.694	26.73	30.00
HT20	3	5825	21.44	22.24	22.46	---	483.008	26.84	30.00
HT40	3	5755	21.16	21.84	21.99	---	441.498	26.45	30.00
HT40	3	5795	21.18	21.86	21.98	---	442.443	26.46	30.00
VHT20	3	5745	21.64	22.38	22.50	---	496.691	26.96	30.00
VHT20	3	5785	21.61	22.26	22.43	---	488.129	26.89	30.00
VHT20	3	5825	21.56	22.29	22.54	---	492.126	26.92	30.00
VHT40	3	5755	21.28	21.89	22.03	---	448.390	26.52	30.00
VHT40	3	5795	21.22	21.94	22.01	---	447.604	26.51	30.00
VHT80	3	5775	15.35	16.10	16.18	---	116.510	20.66	30.00

Note: Conducted average output power is for reference only.

Test Configuration 4

Modulation Mode	N_{TX}	Freq. (MHz)	Peak conducted output power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)
			Chain 0	Chain 1	Chain 2	Chain 3			
11a	3	5745	24.69	24.80	25.10	---	920.031	29.64	30.00
11a	3	5785	24.71	24.81	25.25	---	933.458	29.70	30.00
11a	3	5825	24.78	24.89	25.26	---	944.664	29.75	30.00
HT20	3	5745	24.81	24.87	25.23	---	943.020	29.75	30.00
HT20	3	5785	24.63	24.81	25.19	---	923.463	29.65	30.00
HT20	3	5825	24.71	24.87	25.23	---	936.130	29.71	30.00
HT40	3	5755	24.52	24.81	25.08	---	907.937	29.58	30.00
HT40	3	5795	24.62	24.83	25.11	---	918.162	29.63	30.00
VHT20	3	5745	24.83	24.92	25.28	---	951.832	29.79	30.00
VHT20	3	5785	24.89	24.98	25.29	---	961.158	29.83	30.00
VHT20	3	5825	24.76	24.91	25.29	---	947.033	29.76	30.00
VHT40	3	5755	24.69	24.88	25.18	---	931.662	29.69	30.00
VHT40	3	5795	24.70	24.92	25.23	---	939.003	29.73	30.00
VHT80	3	5775	24.05	24.88	25.18	---	891.317	29.50	30.00

Modulation Mode	N_{TX}	Freq. (MHz)	Conducted (average) output power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)
			Chain 0	Chain 1	Chain 2	Chain 3			
11a	3	5745	21.62	22.12	22.48	---	485.152	26.86	30.00
11a	3	5785	21.38	22.03	22.59	---	478.544	26.80	30.00
11a	3	5825	21.56	22.34	22.55	---	494.502	26.94	30.00
HT20	3	5745	21.62	22.24	22.41	---	486.886	26.87	30.00
HT20	3	5785	21.41	22.14	22.27	---	470.694	26.73	30.00
HT20	3	5825	21.44	22.24	22.46	---	483.008	26.84	30.00
HT40	3	5755	21.16	21.84	21.99	---	441.498	26.45	30.00
HT40	3	5795	21.18	21.86	21.98	---	442.443	26.46	30.00
VHT20	3	5745	21.64	22.38	22.50	---	496.691	26.96	30.00
VHT20	3	5785	21.61	22.26	22.43	---	488.129	26.89	30.00
VHT20	3	5825	21.56	22.29	22.54	---	492.126	26.92	30.00
VHT40	3	5755	21.28	21.89	22.03	---	448.390	26.52	30.00
VHT40	3	5795	21.22	21.94	22.01	---	447.604	26.51	30.00
VHT80	3	5775	15.35	16.10	16.18	---	116.510	20.66	30.00

Note: Conducted average output power is for reference only.

Test Configuration 5

Modulation Mode	N_{TX}	Freq. (MHz)	Peak conducted output power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)
			Chain 0	Chain 1	Chain 2	Chain 3			
11a	3	5745	24.69	24.80	25.10	---	920.031	29.64	30.00
11a	3	5785	24.71	24.81	25.25	---	933.458	29.70	30.00
11a	3	5825	24.78	24.89	25.26	---	944.664	29.75	30.00
HT20	3	5745	24.81	24.87	25.23	---	943.020	29.75	30.00
HT20	3	5785	24.63	24.81	25.19	---	923.463	29.65	30.00
HT20	3	5825	24.71	24.87	25.23	---	936.130	29.71	30.00
HT40	3	5755	24.52	24.81	25.08	---	907.937	29.58	30.00
HT40	3	5795	24.62	24.83	25.11	---	918.162	29.63	30.00
VHT20	3	5745	24.83	24.92	25.28	---	951.832	29.79	30.00
VHT20	3	5785	24.89	24.98	25.29	---	961.158	29.83	30.00
VHT20	3	5825	24.76	24.91	25.29	---	947.033	29.76	30.00
VHT40	3	5755	24.69	24.88	25.18	---	931.662	29.69	30.00
VHT40	3	5795	24.70	24.92	25.23	---	939.003	29.73	30.00
VHT80	3	5775	24.05	24.88	25.18	---	891.317	29.50	30.00

Modulation Mode	N_{TX}	Freq. (MHz)	Conducted (average) output power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)
			Chain 0	Chain 1	Chain 2	Chain 3			
11a	3	5745	21.62	22.12	22.48	---	485.152	26.86	30.00
11a	3	5785	21.38	22.03	22.59	---	478.544	26.80	30.00
11a	3	5825	21.56	22.34	22.55	---	494.502	26.94	30.00
HT20	3	5745	21.62	22.24	22.41	---	486.886	26.87	30.00
HT20	3	5785	21.41	22.14	22.27	---	470.694	26.73	30.00
HT20	3	5825	21.44	22.24	22.46	---	483.008	26.84	30.00
HT40	3	5755	21.16	21.84	21.99	---	441.498	26.45	30.00
HT40	3	5795	21.18	21.86	21.98	---	442.443	26.46	30.00
VHT20	3	5745	21.64	22.38	22.50	---	496.691	26.96	30.00
VHT20	3	5785	21.61	22.26	22.43	---	488.129	26.89	30.00
VHT20	3	5825	21.56	22.29	22.54	---	492.126	26.92	30.00
VHT40	3	5755	21.28	21.89	22.03	---	448.390	26.52	30.00
VHT40	3	5795	21.22	21.94	22.01	---	447.604	26.51	30.00
VHT80	3	5775	15.35	16.10	16.18	---	116.510	20.66	30.00

Note: Conducted average output power is for reference only.

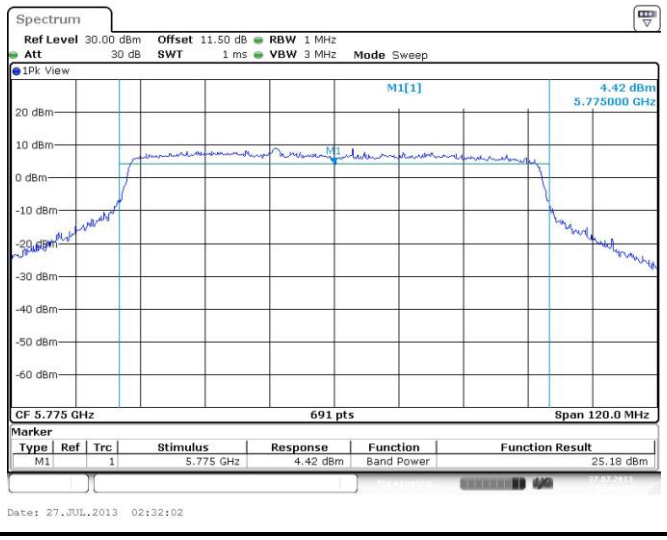
Test Configuration 6

Modulation Mode	N_{TX}	Freq. (MHz)	Peak conducted output power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)
			Chain 0	Chain 1	Chain 2	Chain 3			
11a	3	5745	24.69	24.80	25.10	---	920.031	29.64	30.00
11a	3	5785	24.71	24.81	25.25	---	933.458	29.70	30.00
11a	3	5825	24.78	24.89	25.26	---	944.664	29.75	30.00
HT20	3	5745	24.81	24.87	25.23	---	943.020	29.75	30.00
HT20	3	5785	24.63	24.81	25.19	---	923.463	29.65	30.00
HT20	3	5825	24.71	24.87	25.23	---	936.130	29.71	30.00
HT40	3	5755	24.52	24.81	25.08	---	907.937	29.58	30.00
HT40	3	5795	24.62	24.83	25.11	---	918.162	29.63	30.00
VHT20	3	5745	24.83	24.92	25.28	---	951.832	29.79	30.00
VHT20	3	5785	24.89	24.98	25.29	---	961.158	29.83	30.00
VHT20	3	5825	24.76	24.91	25.29	---	947.033	29.76	30.00
VHT40	3	5755	24.69	24.88	25.18	---	931.662	29.69	30.00
VHT40	3	5795	24.70	24.92	25.23	---	939.003	29.73	30.00
VHT80	3	5775	24.05	24.88	25.18	---	891.317	29.50	30.00

Modulation Mode	N_{TX}	Freq. (MHz)	Conducted (average) output power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)
			Chain 0	Chain 1	Chain 2	Chain 3			
11a	3	5745	21.62	22.12	22.48	---	485.152	26.86	30.00
11a	3	5785	21.38	22.03	22.59	---	478.544	26.80	30.00
11a	3	5825	21.56	22.34	22.55	---	494.502	26.94	30.00
HT20	3	5745	21.62	22.24	22.41	---	486.886	26.87	30.00
HT20	3	5785	21.41	22.14	22.27	---	470.694	26.73	30.00
HT20	3	5825	21.44	22.24	22.46	---	483.008	26.84	30.00
HT40	3	5755	21.16	21.84	21.99	---	441.498	26.45	30.00
HT40	3	5795	21.18	21.86	21.98	---	442.443	26.46	30.00
VHT20	3	5745	21.64	22.38	22.50	---	496.691	26.96	30.00
VHT20	3	5785	21.61	22.26	22.43	---	488.129	26.89	30.00
VHT20	3	5825	21.56	22.29	22.54	---	492.126	26.92	30.00
VHT40	3	5755	21.28	21.89	22.03	---	448.390	26.52	30.00
VHT40	3	5795	21.22	21.94	22.01	---	447.604	26.51	30.00
VHT80	3	5775	15.35	16.10	16.18	---	116.510	20.66	30.00

Note: Conducted average output power is for reference only.

Worst Emission Bandwidth Plots



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

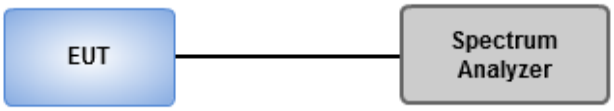
☒ Maximum peak conducted output power was used to demonstrate compliance to the fundamental output power limit.

1. Set the RBW = 3kHz, VBW = 10kHz.
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



3.4.4 Test Result of Power Spectral Density

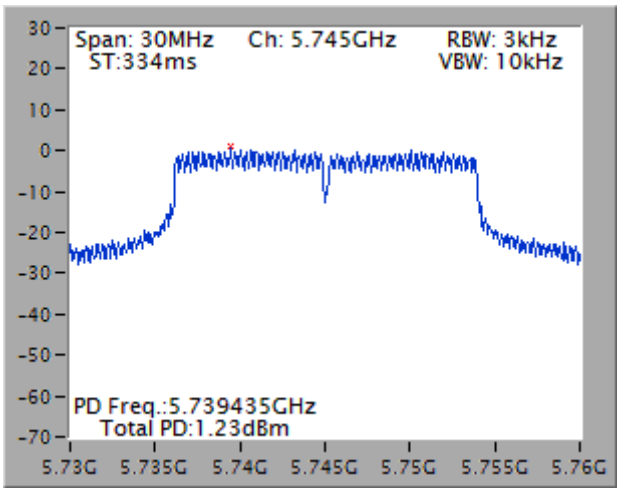
Test Configuration 1

Modulation Mode	N_{TX}	Freq. (MHz)	Total Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)
11a	3	5745	0.24	6.23
11a	3	5785	0.17	6.23
11a	3	5825	0.62	6.23
VHT20	3	5745	1.23	6.23
VHT20	3	5785	0.29	6.23
VHT20	3	5825	0.13	6.23
VHT40	3	5755	-2.67	6.23
VHT40	3	5795	-2.27	6.23
VHT80	3	5775	-11.23	6.23

Note:

1. Test result is bin-by-bin summing measured value of each TX port.
2. Directional gain = 3 + 10*log(3/1) = 7.77 dBi > 6dBi
   Limit shall be reduced to 8 dBm – (7.77 dBi – 6 dBi) = 6.23 dBm

Worst Plots



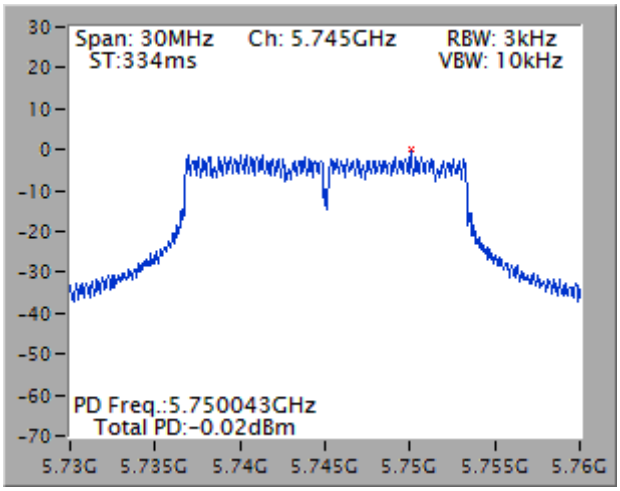
Test Configuration 2

Modulation Mode	N_{TX}	Freq. (MHz)	Total Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)
11a	3	5745	-0.02	3.23
11a	3	5785	-1.43	3.23
11a	3	5825	-0.95	3.23
VHT20	3	5745	-1.45	3.23
VHT20	3	5785	-1.59	3.23
VHT20	3	5825	-1.53	3.23
VHT40	3	5755	-4.19	3.23
VHT40	3	5795	-3.70	3.23
VHT80	3	5775	-11.23	3.23

Note:

1. Test result is bin-by-bin summing measured value of each TX port.
2. Directional gain = 6 + 10*log(3/1) = 10.77 dBi > 6dBi
   Limit shall be reduced to 8 dBm – (10.77 dBi – 6 dBi) = 3.23 dBm

Worst Plots



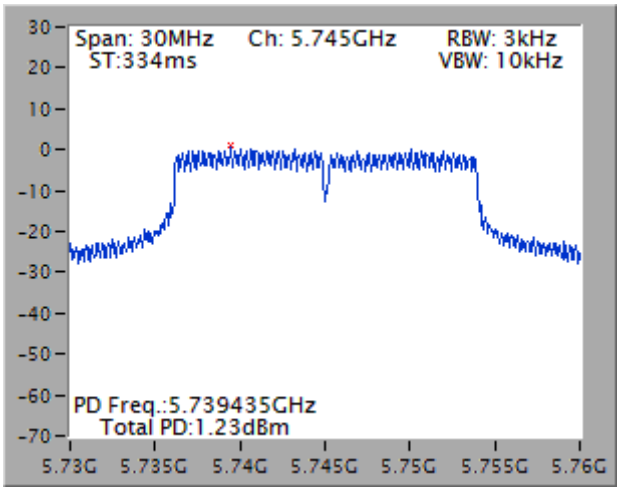
Test Configuration 3

Modulation Mode	N_{TX}	Freq. (MHz)	Total Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)
11a	3	5745	0.24	3.73
11a	3	5785	0.17	3.73
11a	3	5825	0.62	3.73
VHT20	3	5745	1.23	3.73
VHT20	3	5785	0.29	3.73
VHT20	3	5825	0.13	3.73
VHT40	3	5755	-2.67	3.73
VHT40	3	5795	-2.27	3.73
VHT80	3	5775	-11.23	3.73

Note:

1. Test result is bin-by-bin summing measured value of each TX port.
2. Directional gain = 5.5 + 10*log(3/1) = 10.27 dBi > 6dBi
   Limit shall be reduced to 8 dBm – (10.27 dBi – 6 dBi) = 3.73 dBm

Worst Plots



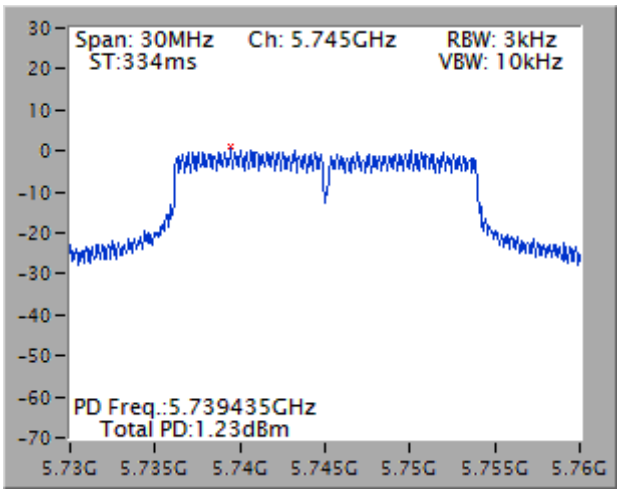
Test Configuration 4

Modulation Mode	N_{TX}	Freq. (MHz)	Total Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)
11a	3	5745	0.24	3.23
11a	3	5785	0.17	3.23
11a	3	5825	0.62	3.23
VHT20	3	5745	1.23	3.23
VHT20	3	5785	0.29	3.23
VHT20	3	5825	0.13	3.23
VHT40	3	5755	-2.67	3.23
VHT40	3	5795	-2.27	3.23
VHT80	3	5775	-11.23	3.23

Note:

1. Test result is bin-by-bin summing measured value of each TX port.
2. Directional gain = 6 + 10*log(3/1) = 10.77 dBi > 6dBi
   Limit shall be reduced to 8 dBm – (10.77 dBi – 6 dBi) = 3.23 dBm

Worst Plots



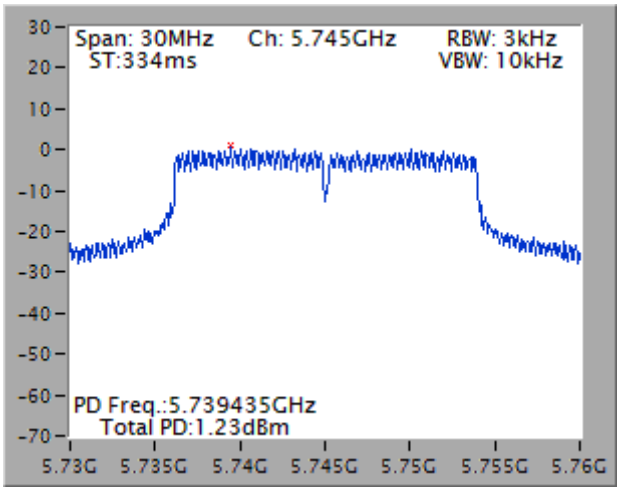
Test Configuration 5

Modulation Mode	N_{TX}	Freq. (MHz)	Total Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)
11a	3	5745	0.24	7.23
11a	3	5785	0.17	7.23
11a	3	5825	0.62	7.23
VHT20	3	5745	1.23	7.23
VHT20	3	5785	0.29	7.23
VHT20	3	5825	0.13	7.23
VHT40	3	5755	-2.67	7.23
VHT40	3	5795	-2.27	7.23
VHT80	3	5775	-11.23	7.23

Note:

1. Test result is bin-by-bin summing measured value of each TX port.
2. Directional gain = 2 + 10*log(3/1) = 6.77 dBi > 6dBi
   Limit shall be reduced to 8 dBm – (6.77 dBi – 6 dBi) = 7.23 dBm

Worst Plots



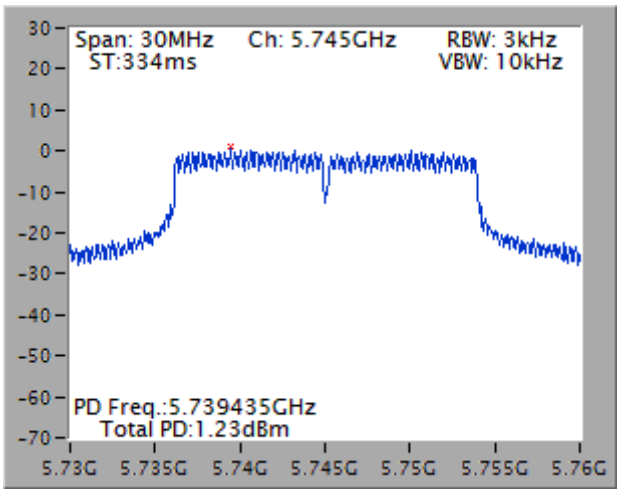
Test Configuration 6

Modulation Mode	N_{TX}	Freq. (MHz)	Total Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)
11a	3	5745	0.24	4.23
11a	3	5785	0.17	4.23
11a	3	5825	0.62	4.23
VHT20	3	5745	1.23	4.23
VHT20	3	5785	0.29	4.23
VHT20	3	5825	0.13	4.23
VHT40	3	5755	-2.67	4.23
VHT40	3	5795	-2.27	4.23
VHT80	3	5775	-11.23	4.23

Note:

1. Test result is bin-by-bin summing measured value of each TX port.
2. Directional gain = 5 + 10*log(3/1) = 9.77 dBi > 6dBi
   Limit shall be reduced to 8 dBm – (9.77 dBi – 6 dBi) = 4.23 dBm

Worst Plots



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
Note 2:
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

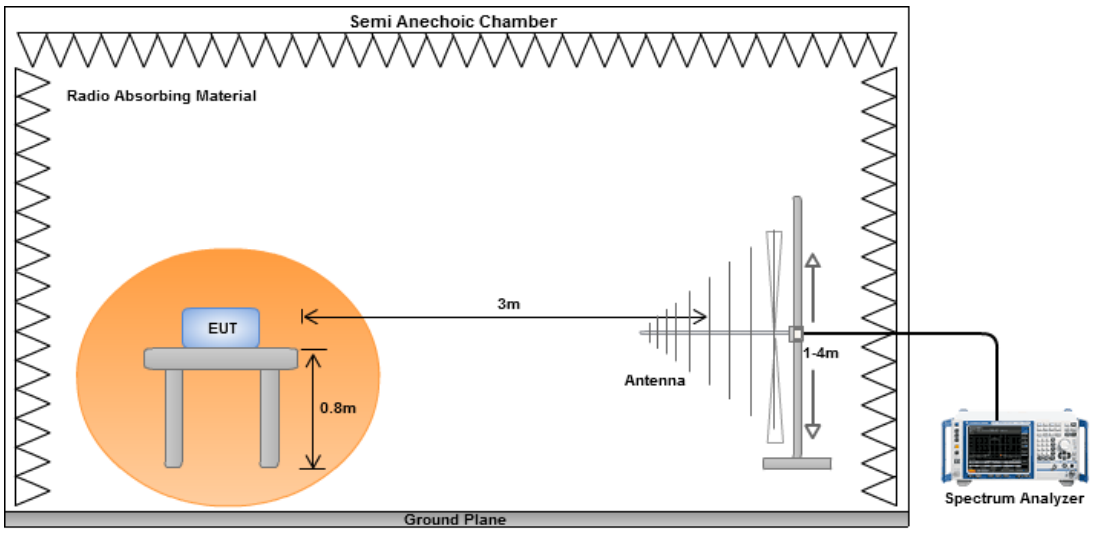
1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission 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:

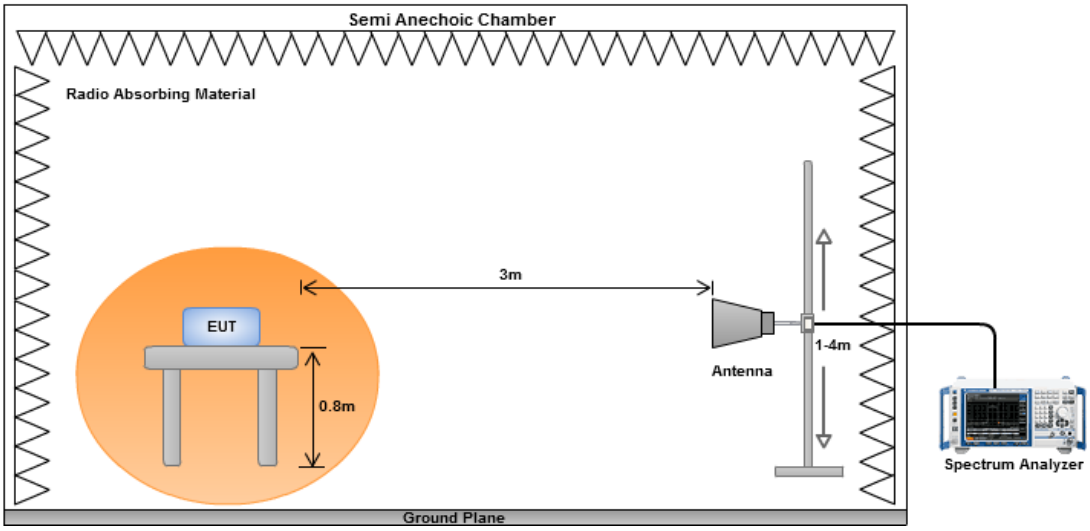
1. 120kHz measurement bandwidth of test receiver and Quasi-peak detector is for radiated emission below 1GHz.
2. RBW=1MHz, VBW=3MHz and Peak detector is for peak measured value of radiated emission above 1GHz.
3. RBW=1MHz, VBW=1/T and Peak detector is for average measured value of radiated emission above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

3.5.3 Test Setup

Radiated Emissions below 1 GHz

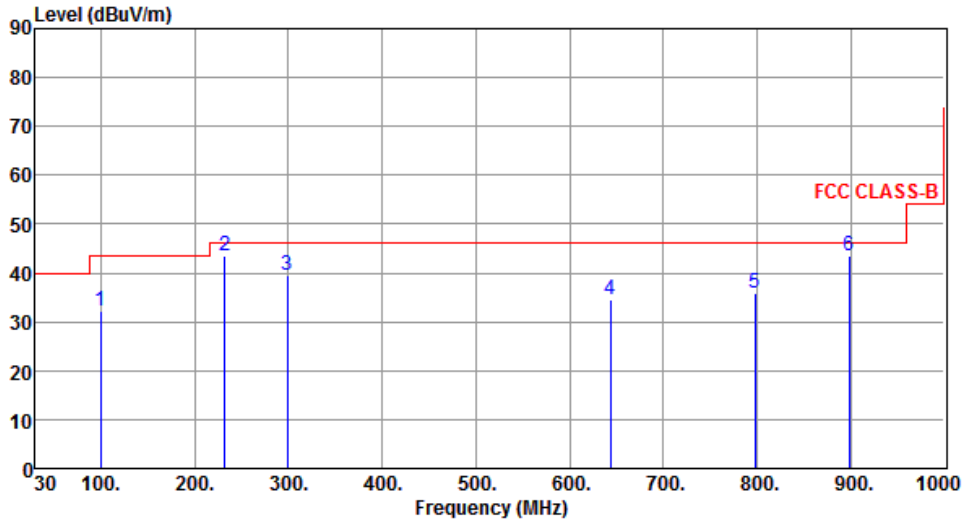


Radiated Emissions above 1 GHz



3.5.4 Transmitter Radiated Unwanted Emissions (Below 1GHz)

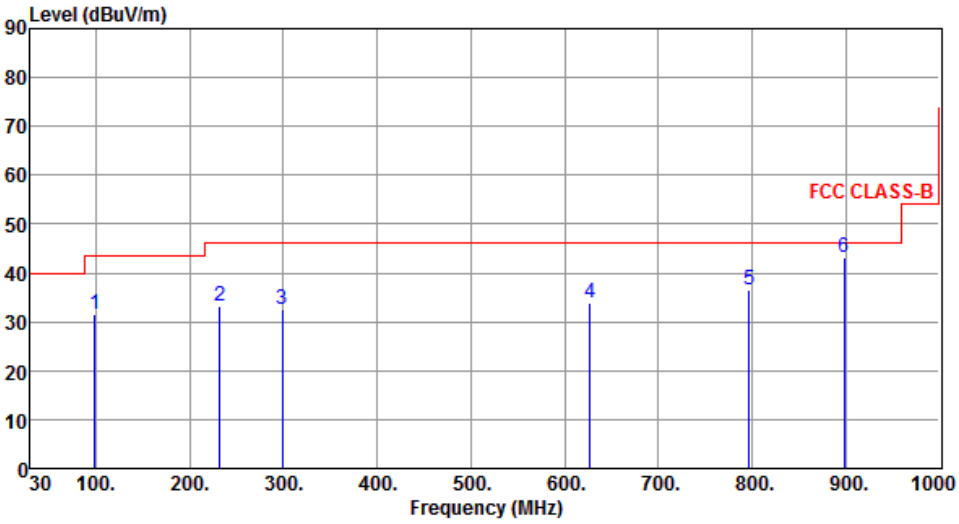
Modulation	VHT20	Test Freq. (MHz)	5785
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	99.84	32.13	43.50	-11.37	53.77	-21.64	Peak	---	---
2	231.76	43.47	46.00	-2.53	62.19	-18.72	QP	---	---
3	298.69	39.49	46.00	-6.51	55.75	-16.26	Peak	---	---
4	644.01	34.56	46.00	-11.44	43.68	-9.12	Peak	---	---
5	798.24	35.88	46.00	-10.12	42.65	-6.77	Peak	---	---
6	898.15	43.59	46.00	-2.41	49.13	-5.54	QP	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

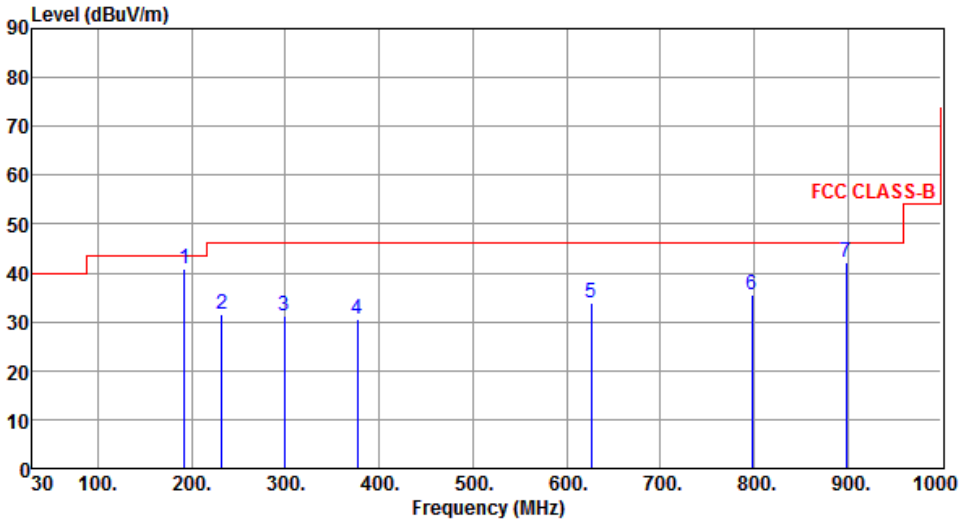
Modulation	VHT20	Test Freq. (MHz)	5785
Polarization	Vertical	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	98.87	31.67	43.50	-11.83	53.44	-21.77	Peak	---	---
2	231.76	33.20	46.00	-12.80	51.92	-18.72	Peak	---	---
3	298.69	32.63	46.00	-13.37	48.89	-16.26	Peak	---	---
4	627.52	33.96	46.00	-12.04	43.31	-9.35	Peak	---	---
5	797.27	36.63	46.00	-9.37	43.42	-6.79	Peak	---	---
6	898.15	43.19	46.00	-2.81	48.73	-5.54	QP	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

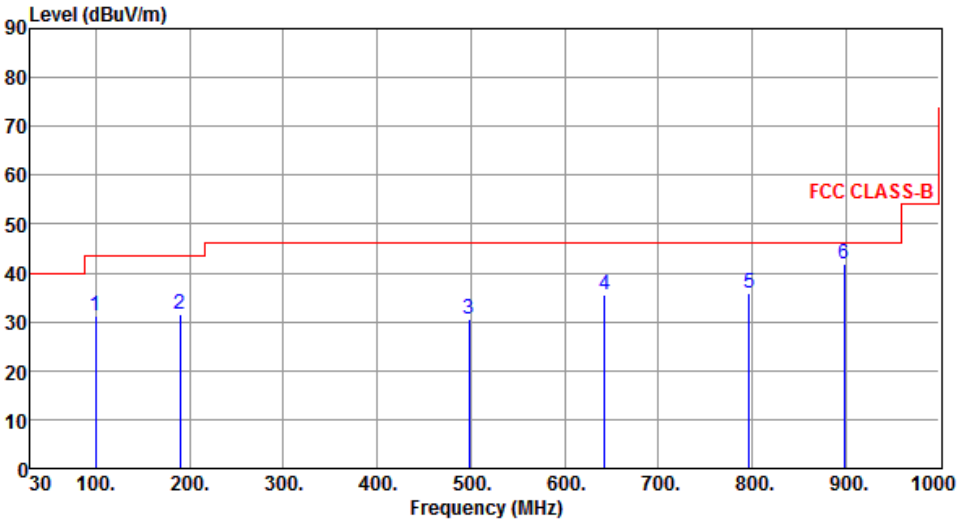
Modulation	VHT20	Test Freq. (MHz)	5785
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	191.99	40.85	43.50	-2.65	59.98	-19.13	QP	---	---
2	231.76	31.51	46.00	-14.49	50.23	-18.72	Peak	---	---
3	298.69	31.15	46.00	-14.85	47.41	-16.26	Peak	---	---
4	377.26	30.60	46.00	-15.40	44.83	-14.23	Peak	---	---
5	626.55	33.92	46.00	-12.08	43.28	-9.36	Peak	---	---
6	798.24	35.61	46.00	-10.39	42.38	-6.77	Peak	---	---
7	898.15	42.11	46.00	-3.89	47.65	-5.54	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

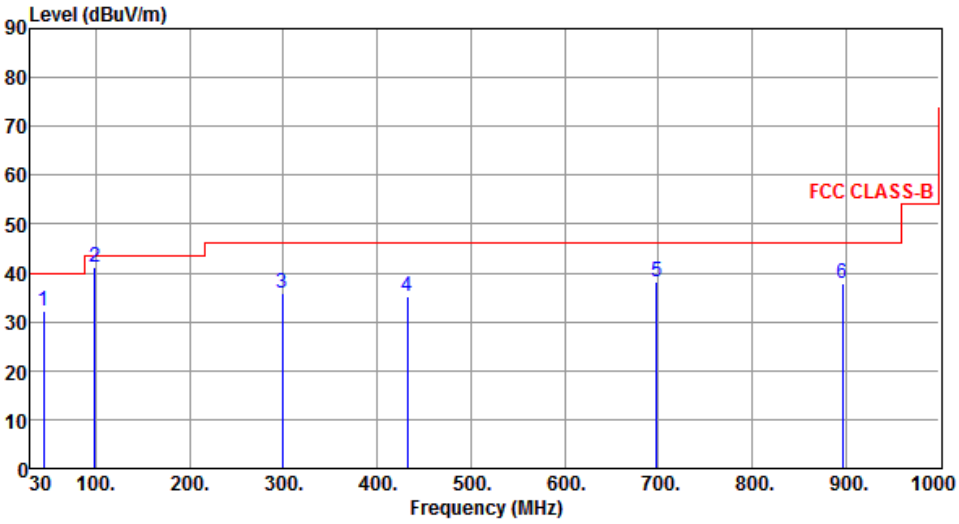
Modulation	VHT20	Test Freq. (MHz)	5785
Polarization	Vertical	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	99.84	31.09	43.50	-12.41	52.73	-21.64	Peak	---	---
2	190.05	31.71	43.50	-11.79	50.80	-19.09	Peak	---	---
3	498.51	30.71	46.00	-15.29	42.41	-11.70	Peak	---	---
4	643.04	35.67	46.00	-10.33	44.80	-9.13	Peak	---	---
5	797.27	35.88	46.00	-10.12	42.67	-6.79	Peak	---	---
6	898.15	41.85	46.00	-4.15	47.39	-5.54	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

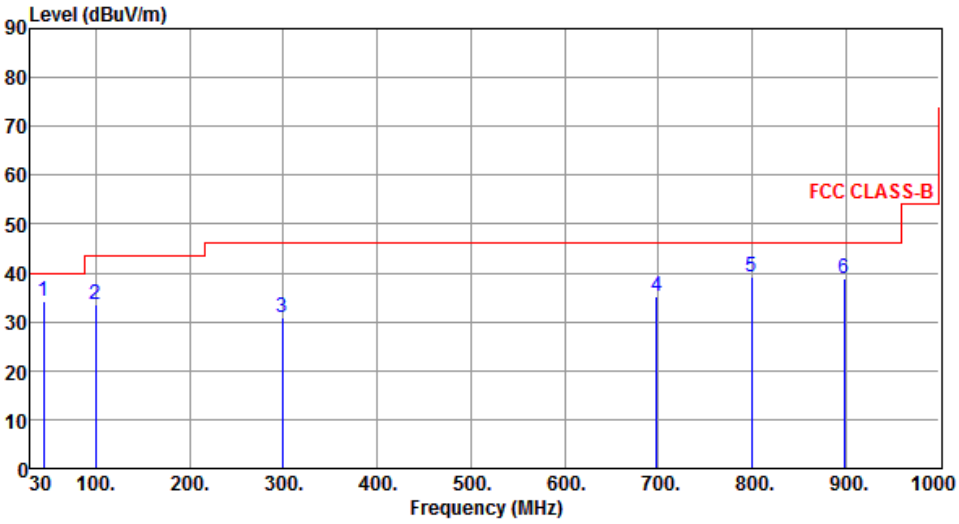
Modulation	VHT20	**Test Freq. (MHz)**	5785
Polarization	Horizontal	**Test Configuration**	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	44.55	32.27	40.00	-7.73	49.00	-16.73	Peak	---	---
2	98.87	41.08	43.50	-2.42	62.85	-21.77	Peak	---	---
3	298.69	35.87	46.00	-10.13	52.13	-16.26	Peak	---	---
4	432.55	35.17	46.00	-10.83	48.03	-12.86	Peak	---	---
5	698.33	38.34	46.00	-7.66	46.61	-8.27	Peak	---	---
6	896.21	37.78	46.00	-8.22	43.34	-5.56	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

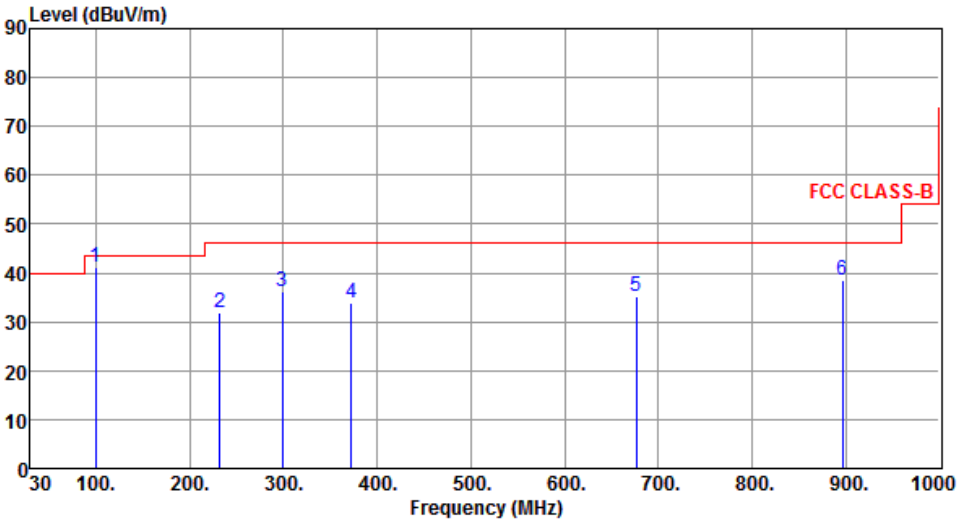
Modulation	VHT20	**Test Freq. (MHz)**	5785
Polarization	Vertical	**Test Configuration**	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	44.55	34.06	40.00	-5.94	50.79	-16.73	Peak	---	---
2	99.84	33.66	43.50	-9.84	55.30	-21.64	Peak	---	---
3	298.69	31.03	46.00	-14.97	47.29	-16.26	Peak	---	---
4	698.33	35.13	46.00	-10.87	43.40	-8.27	Peak	---	---
5	799.21	39.27	46.00	-6.73	46.03	-6.76	Peak	---	---
6	898.15	38.83	46.00	-7.17	44.37	-5.54	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

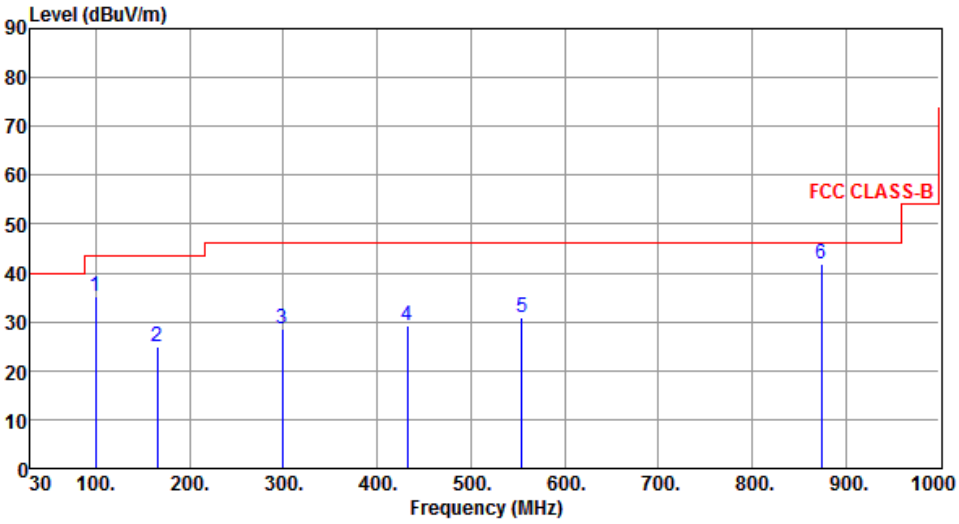
Modulation	VHT20	Test Freq. (MHz)	5785
Polarization	Horizontal	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	99.84	41.30	43.50	-2.20	62.94	-21.64	Peak	---	---
2	231.76	32.01	46.00	-13.99	50.73	-18.72	Peak	---	---
3	298.69	36.14	46.00	-9.86	52.40	-16.26	Peak	---	---
4	372.41	33.82	46.00	-12.18	48.17	-14.35	Peak	---	---
5	676.99	35.23	46.00	-10.77	43.84	-8.61	Peak	---	---
6	896.21	38.36	46.00	-7.64	43.92	-5.56	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

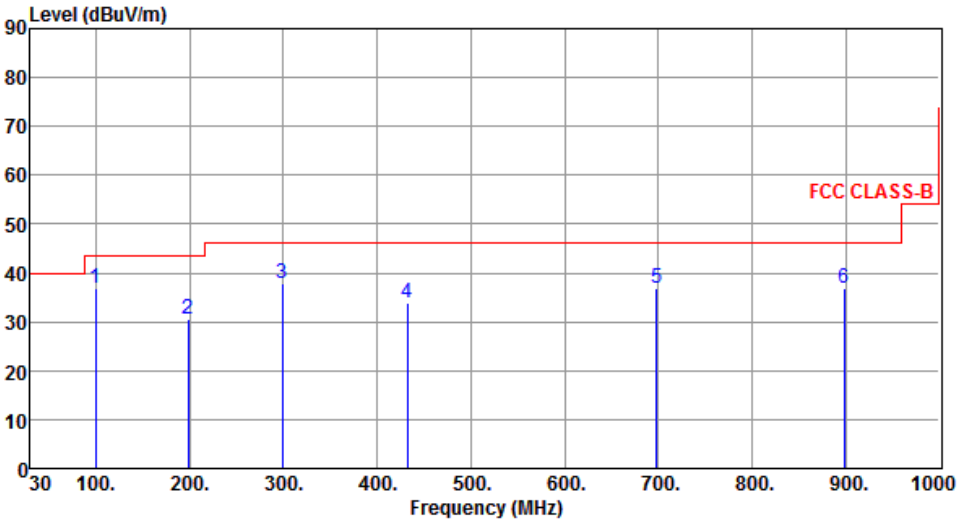
Modulation	VHT20	Test Freq. (MHz)	5785
Polarization	Vertical	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	99.84	35.05	43.50	-8.45	56.69	-21.64	Peak	---	---
2	165.80	25.07	43.50	-18.43	42.09	-17.02	Peak	---	---
3	298.69	28.53	46.00	-17.47	44.79	-16.26	Peak	---	---
4	432.55	29.10	46.00	-16.90	41.96	-12.86	Peak	---	---
5	554.77	30.81	46.00	-15.19	41.42	-10.61	Peak	---	---
6	873.90	41.78	46.00	-4.22	47.62	-5.84	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

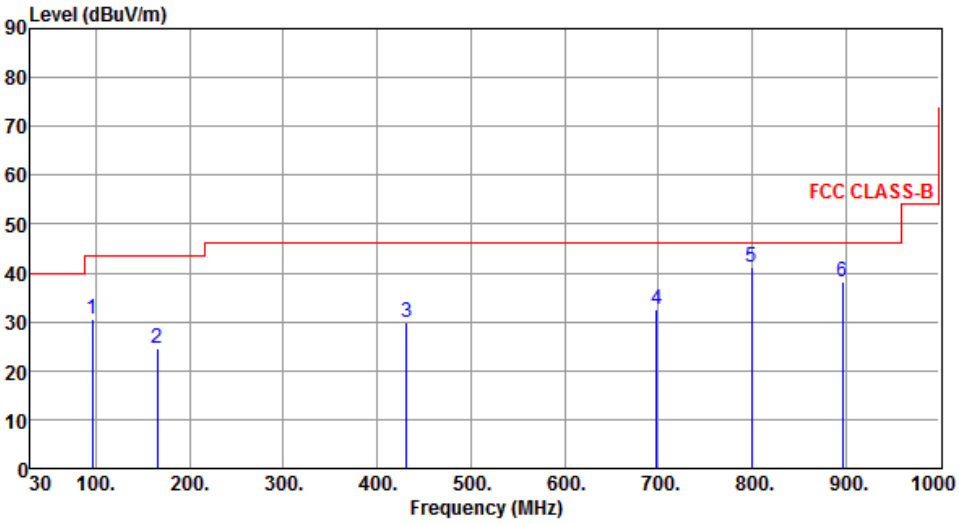
Modulation	VHT20	**Test Freq. (MHz)**	5785
Polarization	Horizontal	**Test Configuration**	5



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	99.84	36.97	43.50	-6.53	58.61	-21.64	Peak	---	---
2	198.78	30.42	43.50	-13.08	49.65	-19.23	Peak	---	---
3	298.69	37.89	46.00	-8.11	54.15	-16.26	Peak	---	---
4	432.55	33.94	46.00	-12.06	46.80	-12.86	Peak	---	---
5	698.33	36.87	46.00	-9.13	45.14	-8.27	Peak	---	---
6	898.15	36.74	46.00	-9.26	42.28	-5.54	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

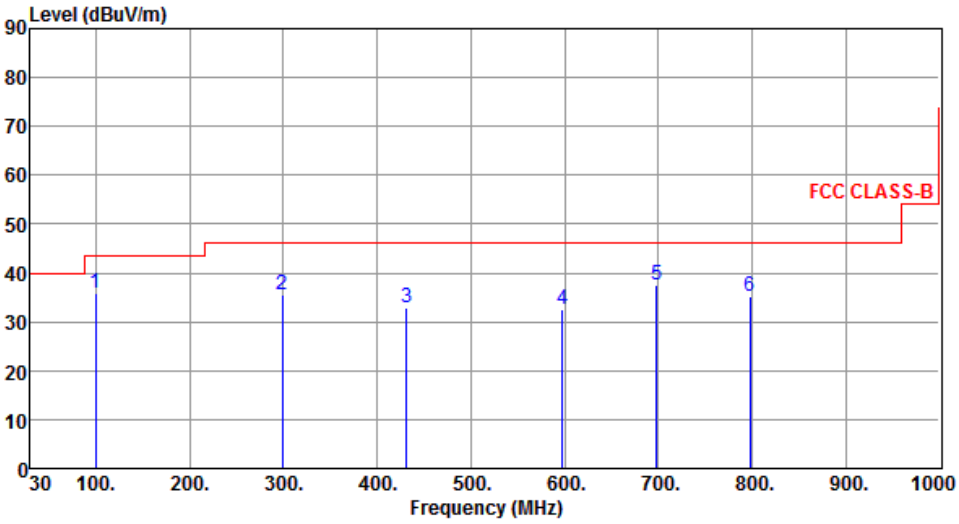
Modulation	VHT20	**Test Freq. (MHz)**	5785
Polarization	Vertical	**Test Configuration**	5



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	95.96	30.66	43.50	-12.84	52.82	-22.16	Peak	---	---
2	165.80	24.45	43.50	-19.05	41.47	-17.02	Peak	---	---
3	431.58	29.78	46.00	-16.22	42.67	-12.89	Peak	---	---
4	698.33	32.40	46.00	-13.60	40.67	-8.27	Peak	---	---
5	799.21	41.24	46.00	-4.76	48.00	-6.76	Peak	---	---
6	896.21	38.17	46.00	-7.83	43.73	-5.56	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

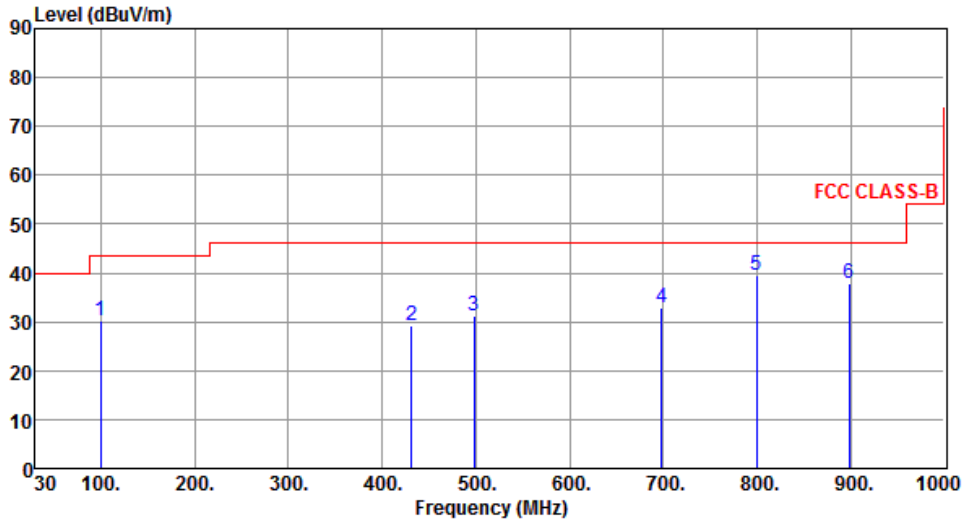
Modulation	VHT20	Test Freq. (MHz)	5785
Polarization	Horizontal	Test Configuration	6



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	99.84	35.72	43.50	-7.78	57.36	-21.64	Peak	---	---
2	298.69	35.50	46.00	-10.50	51.76	-16.26	Peak	---	---
3	431.58	32.77	46.00	-13.23	45.66	-12.89	Peak	---	---
4	597.45	32.67	46.00	-13.33	42.46	-9.79	Peak	---	---
5	698.33	37.67	46.00	-8.33	45.94	-8.27	Peak	---	---
6	798.24	35.12	46.00	-10.88	41.89	-6.77	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	VHT20	**Test Freq. (MHz)**	5785
Polarization	Vertical	**Test Configuration**	6

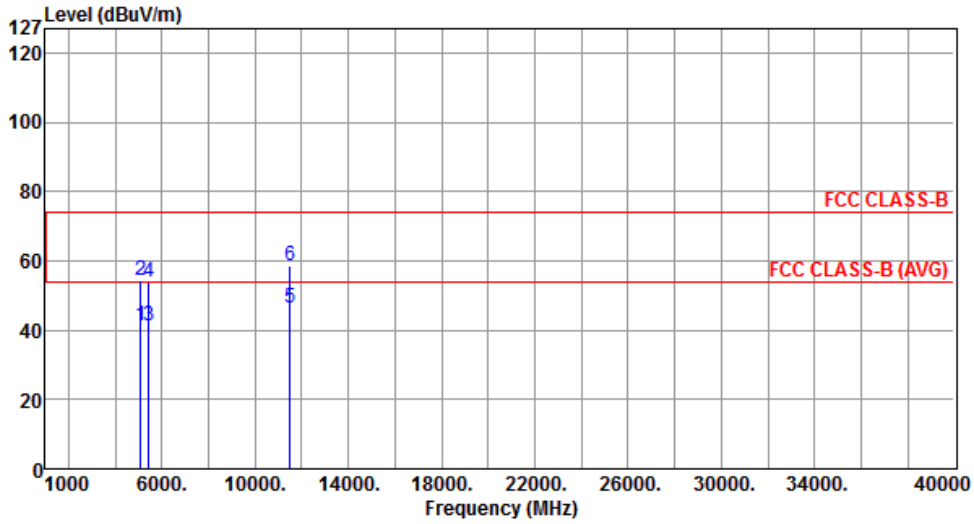


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	99.84	30.14	43.50	-13.36	51.78	-21.64	Peak	---	---
2	431.58	29.36	46.00	-16.64	42.25	-12.89	Peak	---	---
3	498.51	31.07	46.00	-14.93	42.77	-11.70	Peak	---	---
4	698.33	32.89	46.00	-13.11	41.16	-8.27	Peak	---	---
5	799.21	39.42	46.00	-6.58	46.18	-6.76	Peak	---	---
6	898.15	37.72	46.00	-8.28	43.26	-5.54	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

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

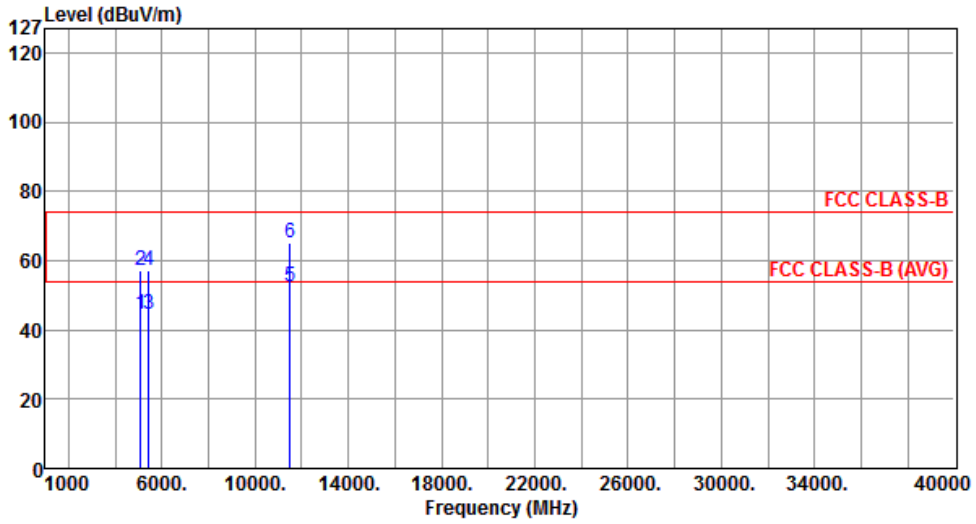
Modulation	11a	Test Freq. (MHz)	5745
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	41.03	54.00	-12.97	36.20	4.83	Average	---	---
2	5097.00	54.50	74.00	-19.50	49.67	4.83	Peak	---	---
3	5427.00	41.46	54.00	-12.54	36.32	5.14	Average	---	---
4	5427.00	54.06	74.00	-19.94	48.92	5.14	Peak	---	---
5	11490.00	46.17	54.00	-7.83	31.20	14.97	Average	---	---
6	11490.00	58.47	74.00	-15.53	43.50	14.97	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

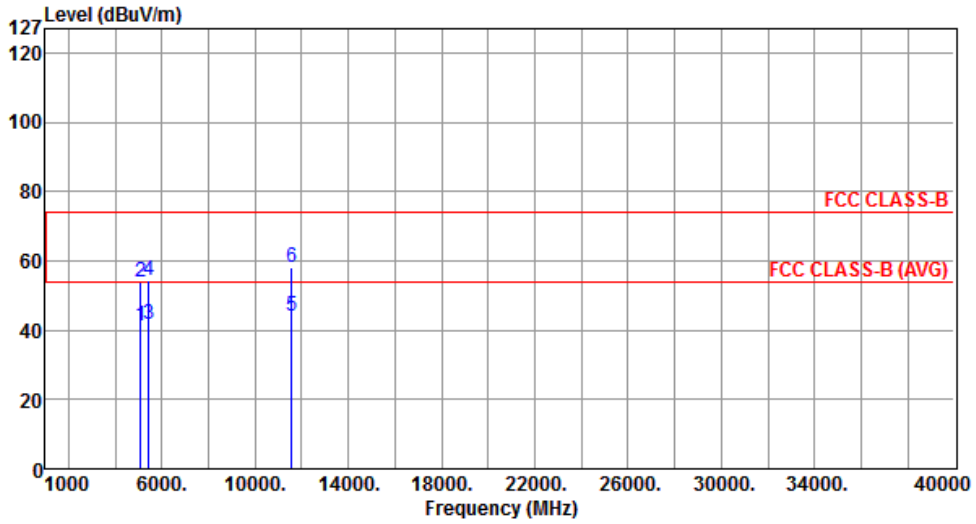
Modulation	11a	Test Freq. (MHz)	5745
Polarization	Vertical	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	44.34	54.00	-9.66	39.51	4.83	Average	---	---
2	5097.00	57.35	74.00	-16.65	52.52	4.83	Peak	---	---
3	5427.00	44.35	54.00	-9.65	39.21	5.14	Average	---	---
4	5427.00	56.95	74.00	-17.05	51.81	5.14	Peak	---	---
5	11490.00	52.61	54.00	-1.39	37.64	14.97	Average	---	---
6	11490.00	65.11	74.00	-8.89	50.14	14.97	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

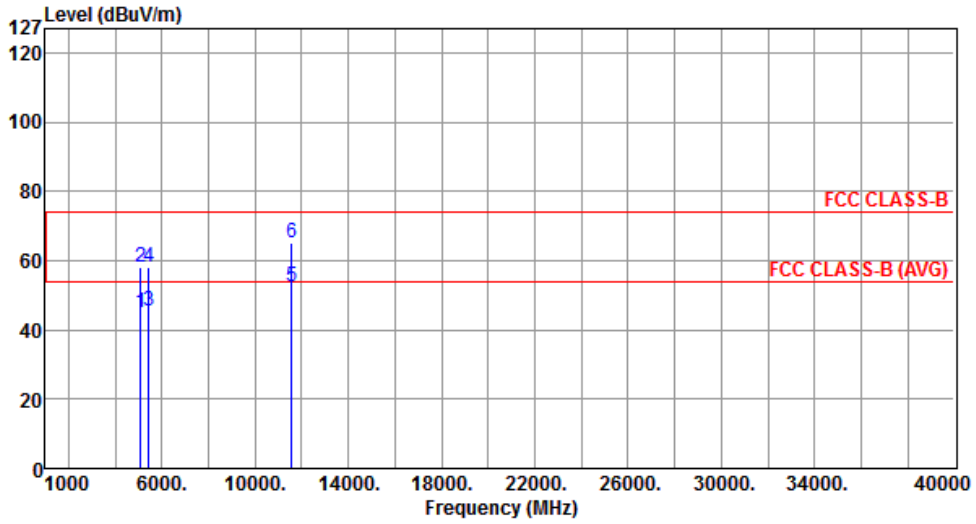
Modulation	11a	Test Freq. (MHz)	5785
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	41.38	54.00	-12.62	36.55	4.83	Average	---	---
2	5097.00	53.85	74.00	-20.15	49.02	4.83	Peak	---	---
3	5427.00	41.49	54.00	-12.51	36.35	5.14	Average	---	---
4	5427.00	54.17	74.00	-19.83	49.03	5.14	Peak	---	---
5	11570.00	43.98	54.00	-10.02	29.11	14.87	Average	---	---
6	11570.00	58.05	74.00	-15.95	43.18	14.87	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

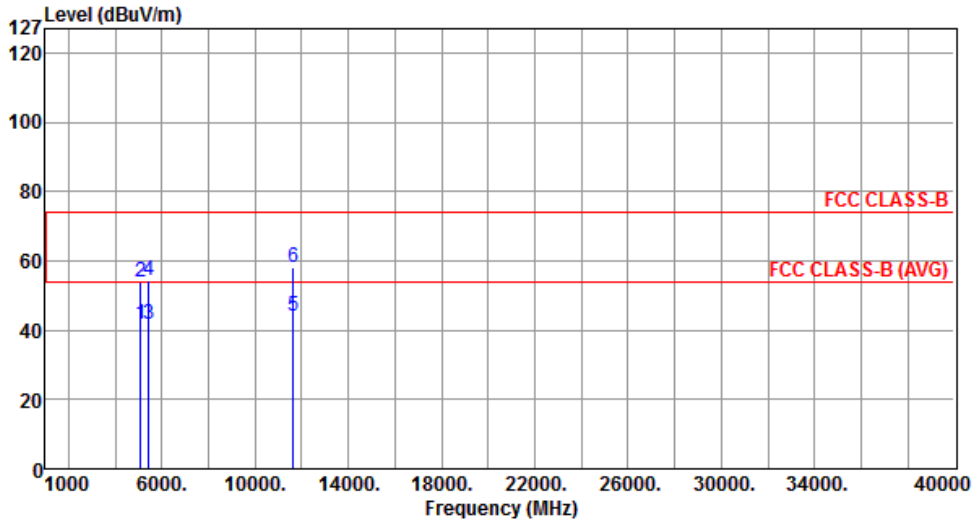
Modulation	11a	Test Freq. (MHz)	5785
Polarization	Vertical	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	44.91	54.00	-9.09	40.08	4.83	Average	---	---
2	5097.00	57.89	74.00	-16.11	53.06	4.83	Peak	---	---
3	5427.00	45.37	54.00	-8.63	40.23	5.14	Average	---	---
4	5427.00	58.09	74.00	-15.91	52.95	5.14	Peak	---	---
5	11570.00	52.36	54.00	-1.64	37.49	14.87	Average	---	---
6	11570.00	65.31	74.00	-8.69	50.44	14.87	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

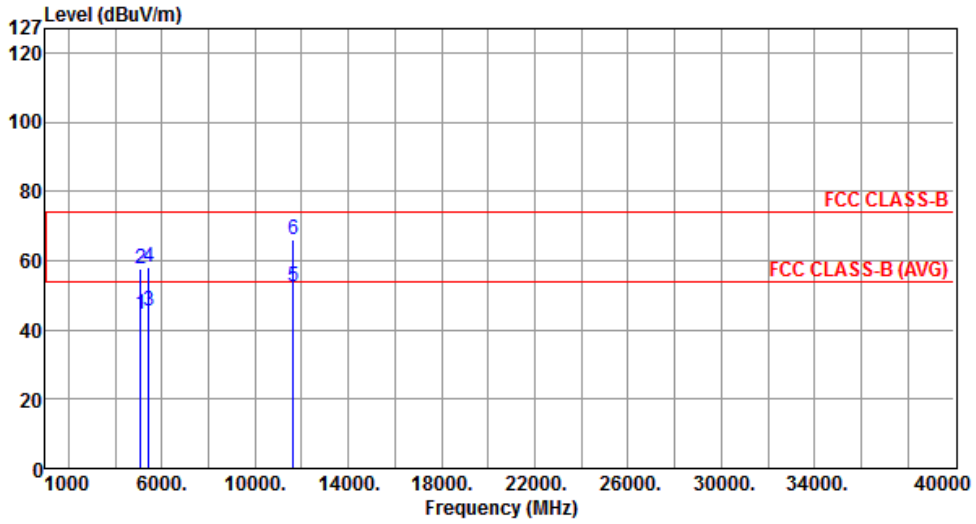
Modulation	11a	Test Freq. (MHz)	5825
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	41.66	54.00	-12.34	36.83	4.83	Average	---	---
2	5097.00	53.91	74.00	-20.09	49.08	4.83	Peak	---	---
3	5427.00	41.58	54.00	-12.42	36.44	5.14	Average	---	---
4	5427.00	54.26	74.00	-19.74	49.12	5.14	Peak	---	---
5	11650.00	44.10	54.00	-9.90	29.34	14.76	Average	---	---
6	11650.00	58.09	74.00	-15.91	43.33	14.76	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

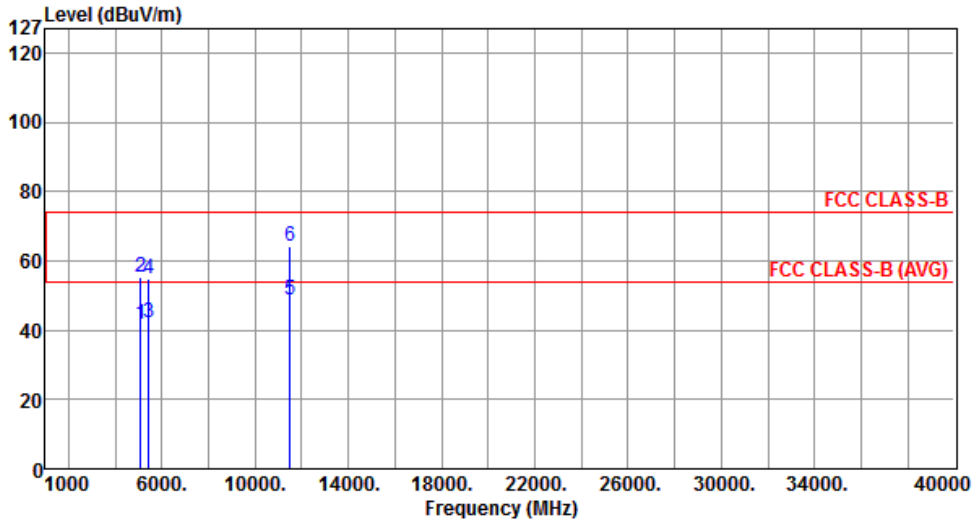
Modulation	11a	Test Freq. (MHz)	5825
Polarization	Vertical	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	44.73	54.00	-9.27	39.90	4.83	Average	---	---
2	5097.00	57.81	74.00	-16.19	52.98	4.83	Peak	---	---
3	5427.00	45.44	54.00	-8.56	40.30	5.14	Average	---	---
4	5427.00	58.22	74.00	-15.78	53.08	5.14	Peak	---	---
5	11650.00	52.40	54.00	-1.60	37.64	14.76	Average	---	---
6	11650.00	66.10	74.00	-7.90	51.34	14.76	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

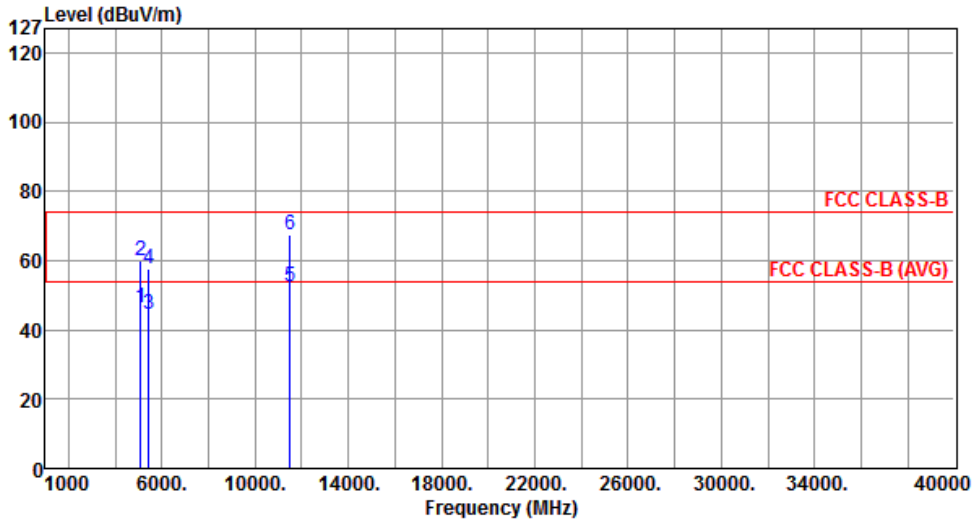
Modulation	11a	Test Freq. (MHz)	5745
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	41.76	54.00	-12.24	36.93	4.83	Average	---	---
2	5097.00	55.23	74.00	-18.77	50.40	4.83	Peak	---	---
3	5427.00	42.24	54.00	-11.76	37.10	5.14	Average	---	---
4	5427.00	54.91	74.00	-19.09	49.77	5.14	Peak	---	---
5	11490.00	48.60	54.00	-5.40	33.63	14.97	Average	---	---
6	11490.00	64.04	74.00	-9.96	49.07	14.97	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

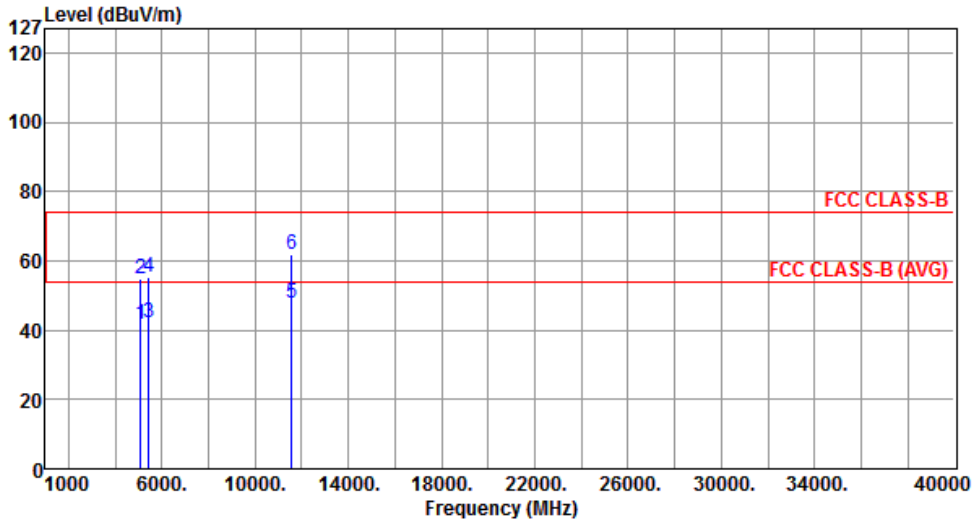
Modulation	11a	Test Freq. (MHz)	5745
Polarization	Vertical	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	46.46	54.00	-7.54	41.63	4.83	Average	---	---
2	5097.00	60.10	74.00	-13.90	55.27	4.83	Peak	---	---
3	5427.00	44.37	54.00	-9.63	39.23	5.14	Average	---	---
4	5427.00	57.60	74.00	-16.40	52.46	5.14	Peak	---	---
5	11490.00	52.53	54.00	-1.47	37.56	14.97	Average	---	---
6	11490.00	67.61	74.00	-6.39	52.64	14.97	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

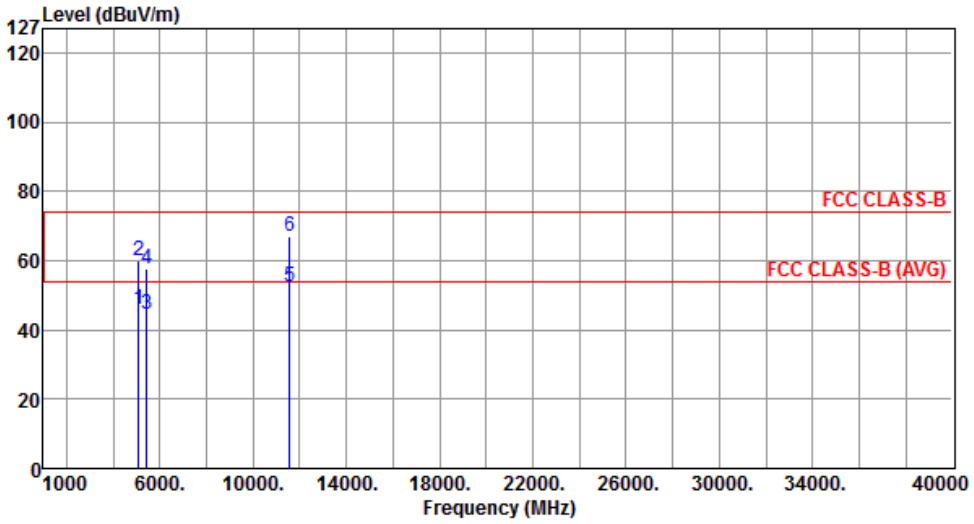
Modulation	11a	Test Freq. (MHz)	5785
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	41.67	54.00	-12.33	36.84	4.83	Average	---	---
2	5097.00	55.06	74.00	-18.94	50.23	4.83	Peak	---	---
3	5427.00	42.30	54.00	-11.70	37.16	5.14	Average	---	---
4	5427.00	55.16	74.00	-18.84	50.02	5.14	Peak	---	---
5	11570.00	47.78	54.00	-6.22	32.91	14.87	Average	---	---
6	11570.00	61.90	74.00	-12.10	47.03	14.87	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

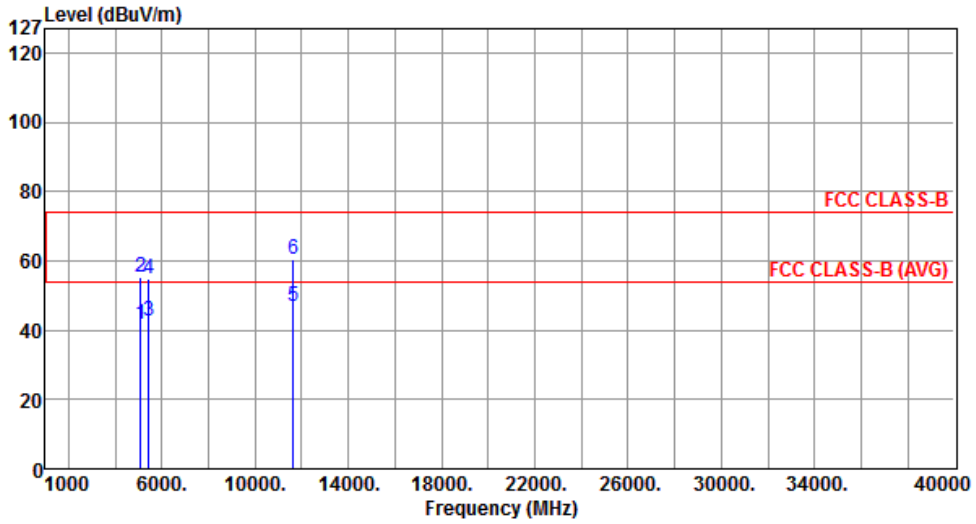
Modulation	11a	Test Freq. (MHz)	5785
Polarization	Vertical	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	46.07	54.00	-7.93	41.24	4.83	Average	---	---
2	5097.00	60.20	74.00	-13.80	55.37	4.83	Peak	---	---
3	5427.00	44.62	54.00	-9.38	39.48	5.14	Average	---	---
4	5427.00	57.87	74.00	-16.13	52.73	5.14	Peak	---	---
5	11570.00	52.71	54.00	-1.29	37.84	14.87	Average	---	---
6	11570.00	67.08	74.00	-6.92	52.21	14.87	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

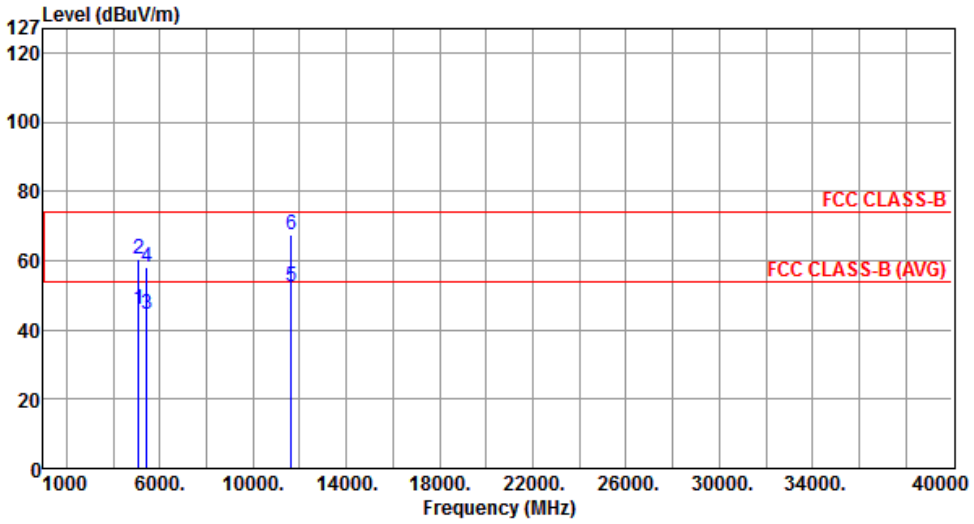
Modulation	11a	Test Freq. (MHz)	5825
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	41.67	54.00	-12.33	36.84	4.83	Average	---	---
2	5097.00	55.19	74.00	-18.81	50.36	4.83	Peak	---	---
3	5427.00	42.78	54.00	-11.22	37.64	5.14	Average	---	---
4	5427.00	54.66	74.00	-19.34	49.52	5.14	Peak	---	---
5	11650.00	46.71	54.00	-7.29	31.95	14.76	Average	---	---
6	11650.00	60.68	74.00	-13.32	45.92	14.76	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

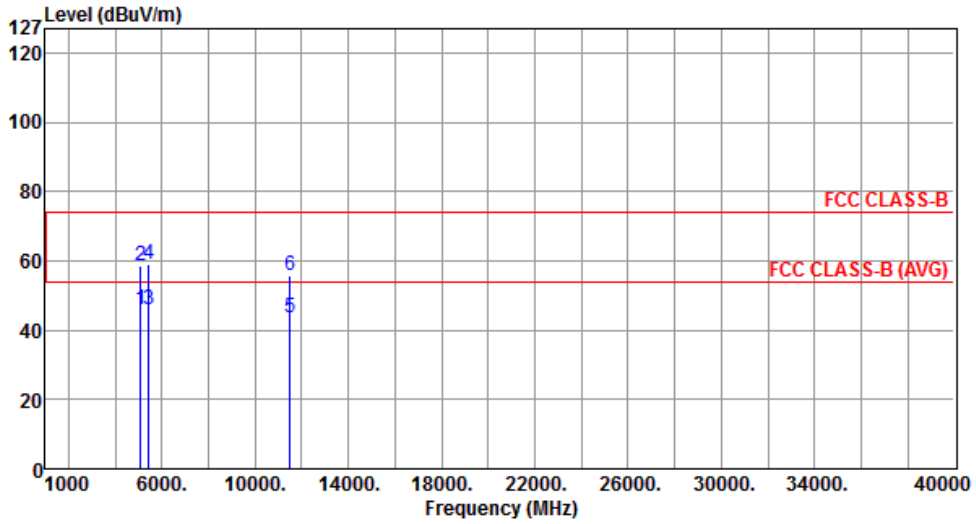
Modulation	11a	Test Freq. (MHz)	5825
Polarization	Vertical	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	46.13	54.00	-7.87	41.30	4.83	Average	---	---
2	5097.00	60.49	74.00	-13.51	55.66	4.83	Peak	---	---
3	5427.00	44.62	54.00	-9.38	39.48	5.14	Average	---	---
4	5427.00	58.12	74.00	-15.88	52.98	5.14	Peak	---	---
5	11650.00	52.71	54.00	-1.29	37.95	14.76	Average	---	---
6	11650.00	67.61	74.00	-6.39	52.85	14.76	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

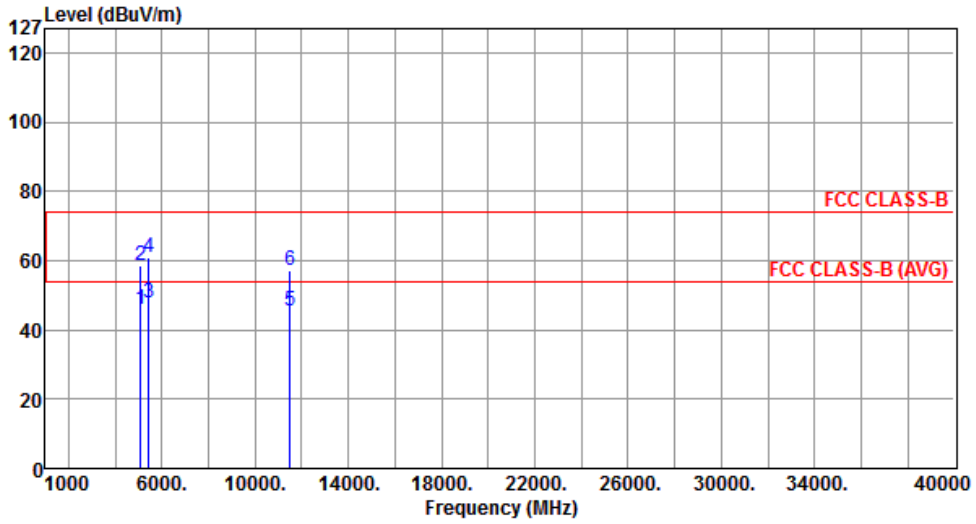
Modulation	11a	Test Freq. (MHz)	5745
Polarization	Horizontal	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	45.93	54.00	-8.07	41.10	4.83	Average	---	---
2	5097.00	58.47	74.00	-15.53	53.64	4.83	Peak	---	---
3	5427.00	45.72	54.00	-8.28	40.58	5.14	Average	---	---
4	5427.00	59.07	74.00	-14.93	53.93	5.14	Peak	---	---
5	11490.00	43.64	54.00	-10.36	28.67	14.97	Average	---	---
6	11490.00	55.57	74.00	-18.43	40.60	14.97	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

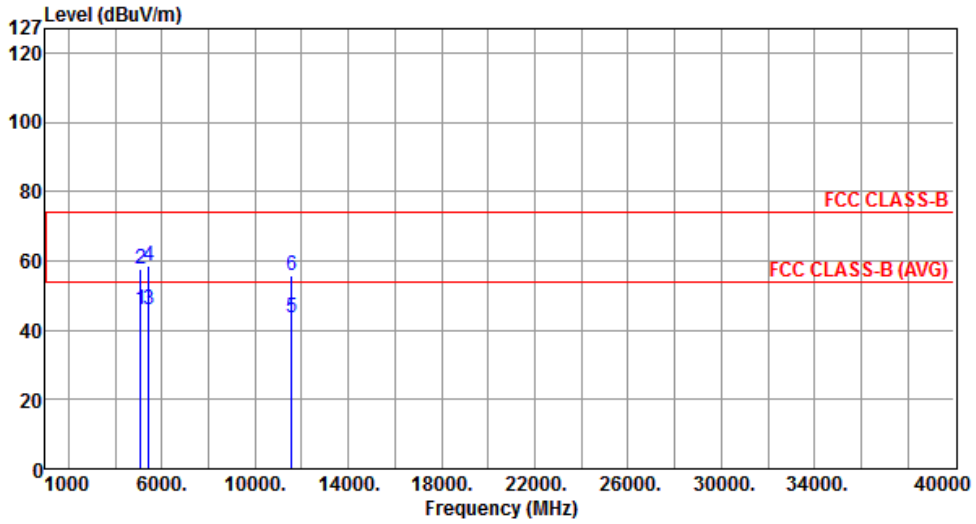
Modulation	11a	Test Freq. (MHz)	5745
Polarization	Vertical	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	45.91	54.00	-8.09	41.08	4.83	Average	---	---
2	5097.00	58.58	74.00	-15.42	53.75	4.83	Peak	---	---
3	5427.00	47.63	54.00	-6.37	42.49	5.14	Average	---	---
4	5427.00	60.75	74.00	-13.25	55.61	5.14	Peak	---	---
5	11490.00	45.68	54.00	-8.32	30.71	14.97	Average	---	---
6	11490.00	57.26	74.00	-16.74	42.29	14.97	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

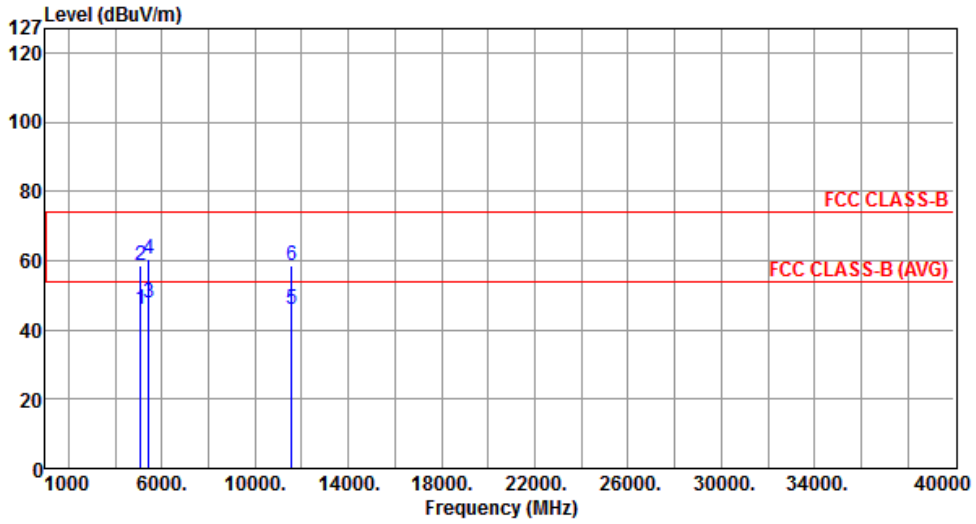
Modulation	11a	Test Freq. (MHz)	5785
Polarization	Horizontal	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	45.88	54.00	-8.12	41.05	4.83	Average	---	---
2	5097.00	57.79	74.00	-16.21	52.96	4.83	Peak	---	---
3	5427.00	45.75	54.00	-8.25	40.61	5.14	Average	---	---
4	5427.00	58.71	74.00	-15.29	53.57	5.14	Peak	---	---
5	11570.00	43.78	54.00	-10.22	28.91	14.87	Average	---	---
6	11570.00	55.72	74.00	-18.28	40.85	14.87	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

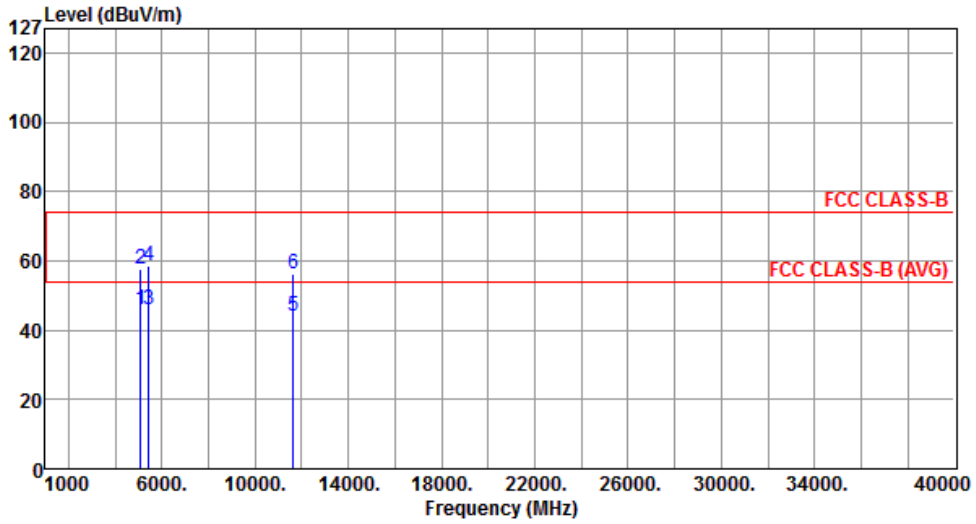
Modulation	11a	Test Freq. (MHz)	5785
Polarization	Vertical	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	46.04	54.00	-7.96	41.21	4.83	Average	---	---
2	5097.00	58.78	74.00	-15.22	53.95	4.83	Peak	---	---
3	5427.00	47.77	54.00	-6.23	42.63	5.14	Average	---	---
4	5427.00	60.63	74.00	-13.37	55.49	5.14	Peak	---	---
5	11570.00	46.14	54.00	-7.86	31.27	14.87	Average	---	---
6	11570.00	58.46	74.00	-15.54	43.59	14.87	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

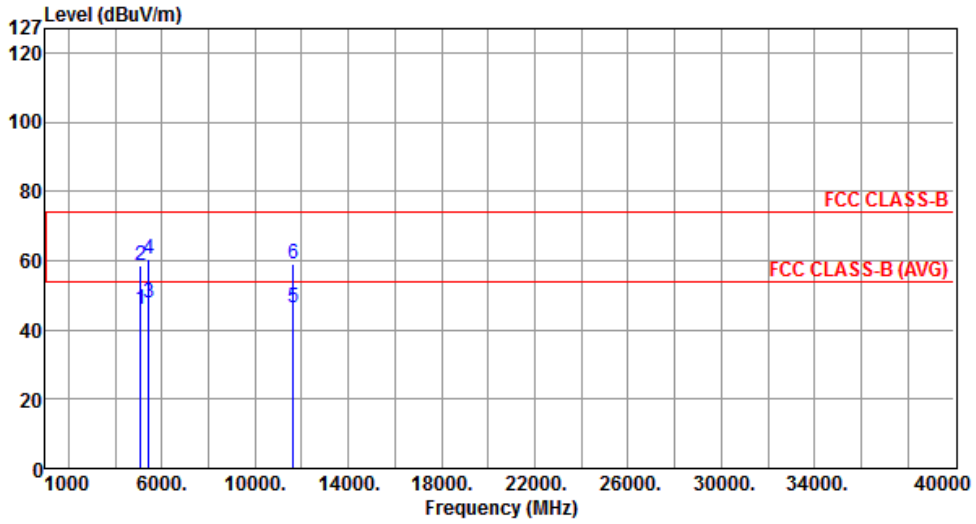
Modulation	11a	**Test Freq. (MHz)**	5825
Polarization	Horizontal	**Test Configuration**	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	45.79	54.00	-8.21	40.96	4.83	Average	---	---
2	5097.00	57.67	74.00	-16.33	52.84	4.83	Peak	---	---
3	5427.00	45.77	54.00	-8.23	40.63	5.14	Average	---	---
4	5427.00	58.78	74.00	-15.22	53.64	5.14	Peak	---	---
5	11650.00	44.13	54.00	-9.87	29.37	14.76	Average	---	---
6	11650.00	56.27	74.00	-17.73	41.51	14.76	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

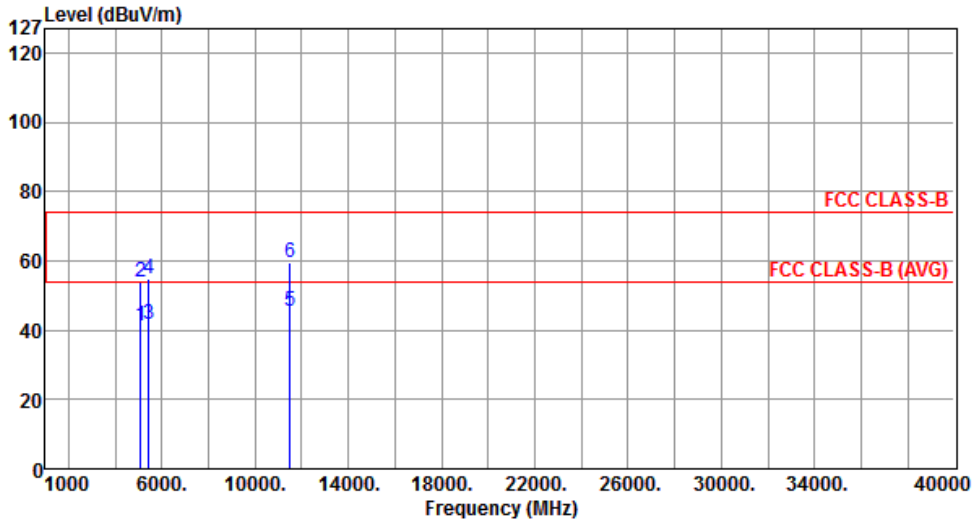
Modulation	11a	**Test Freq. (MHz)**	5825
Polarization	Vertical	**Test Configuration**	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	46.08	54.00	-7.92	41.25	4.83	Average	---	---
2	5097.00	58.69	74.00	-15.31	53.86	4.83	Peak	---	---
3	5427.00	47.72	54.00	-6.28	42.58	5.14	Average	---	---
4	5427.00	60.30	74.00	-13.70	55.16	5.14	Peak	---	---
5	11650.00	46.40	54.00	-7.60	31.64	14.76	Average	---	---
6	11650.00	59.17	74.00	-14.83	44.41	14.76	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

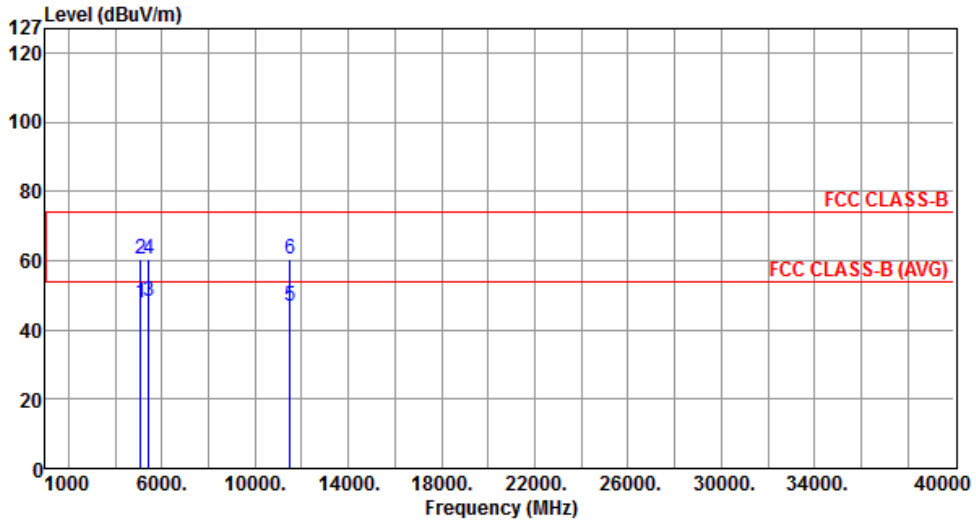
Modulation	11a	Test Freq. (MHz)	5745
Polarization	Horizontal	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5103.00	41.04	54.00	-12.96	36.21	4.83	Average	---	---
2	5103.00	54.00	74.00	-20.00	49.17	4.83	Peak	---	---
3	5427.00	41.72	54.00	-12.28	36.58	5.14	Average	---	---
4	5427.00	54.96	74.00	-19.04	49.82	5.14	Peak	---	---
5	11490.00	45.46	54.00	-8.54	30.49	14.97	Average	---	---
6	11490.00	59.70	74.00	-14.30	44.73	14.97	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

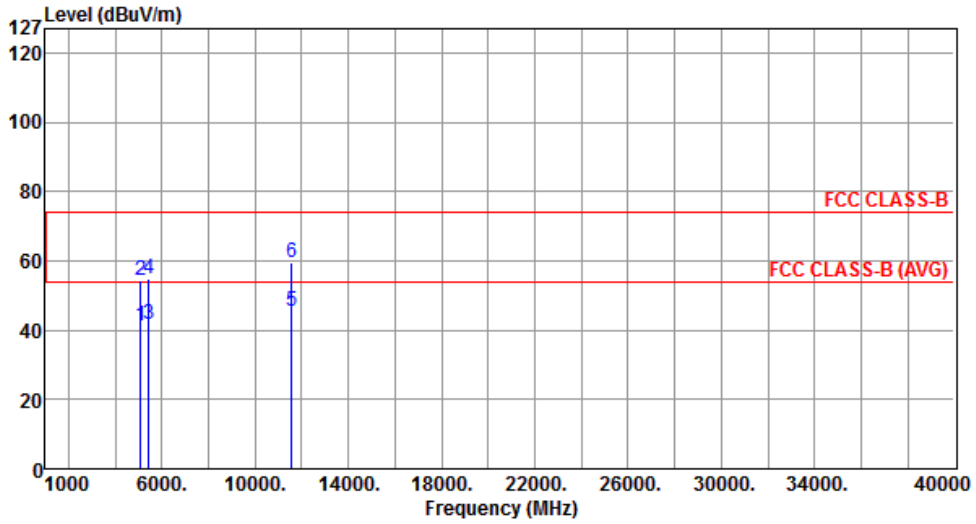
Modulation	11a	Test Freq. (MHz)	5745
Polarization	Vertical	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5103.00	47.59	54.00	-6.41	42.76	4.83	Average	---	---
2	5103.00	60.58	74.00	-13.42	55.75	4.83	Peak	---	---
3	5427.00	48.14	54.00	-5.86	43.00	5.14	Average	---	---
4	5427.00	60.30	74.00	-13.70	55.16	5.14	Peak	---	---
5	11490.00	46.83	54.00	-7.17	31.86	14.97	Average	---	---
6	11490.00	60.53	74.00	-13.47	45.56	14.97	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

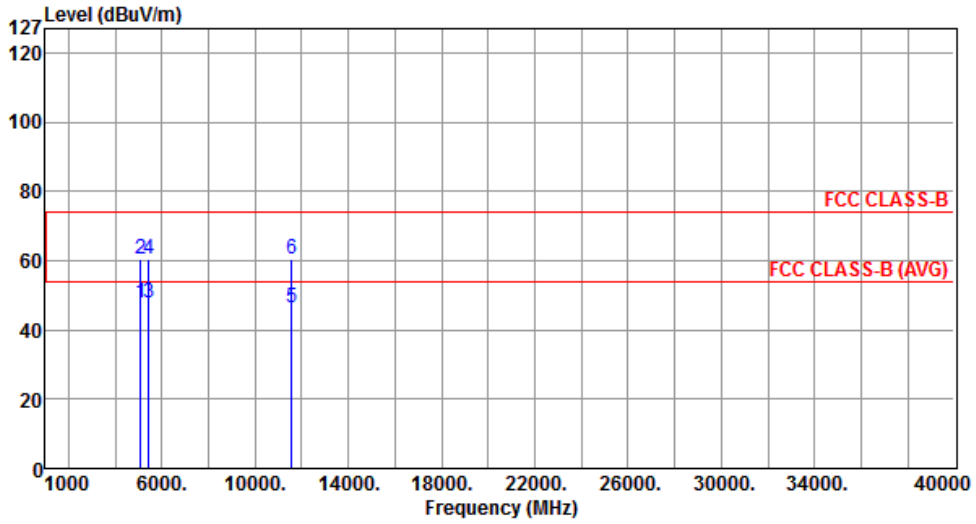
Modulation	11a	Test Freq. (MHz)	5785
Polarization	Horizontal	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	41.23	54.00	-12.77	36.40	4.83	Average	---	---
2	5097.00	54.35	74.00	-19.65	49.52	4.83	Peak	---	---
3	5427.00	41.57	54.00	-12.43	36.43	5.14	Average	---	---
4	5427.00	54.82	74.00	-19.18	49.68	5.14	Peak	---	---
5	11570.00	45.31	54.00	-8.69	30.44	14.87	Average	---	---
6	11570.00	59.52	74.00	-14.48	44.65	14.87	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

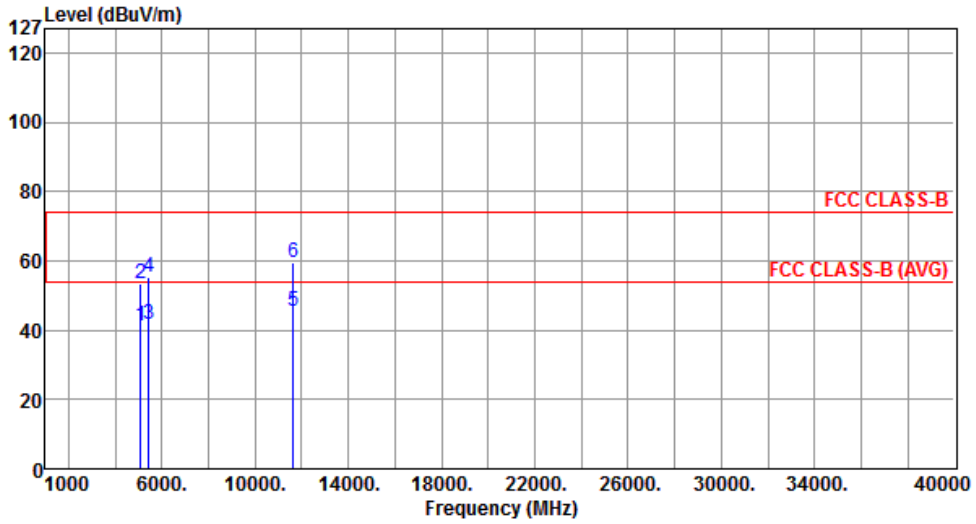
Modulation	11a	Test Freq. (MHz)	5785
Polarization	Vertical	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	47.65	54.00	-6.35	42.82	4.83	Average	---	---
2	5097.00	60.63	74.00	-13.37	55.80	4.83	Peak	---	---
3	5427.00	48.02	54.00	-5.98	42.88	5.14	Average	---	---
4	5427.00	60.51	74.00	-13.49	55.37	5.14	Peak	---	---
5	11570.00	46.51	54.00	-7.49	31.64	14.87	Average	---	---
6	11570.00	60.60	74.00	-13.40	45.73	14.87	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

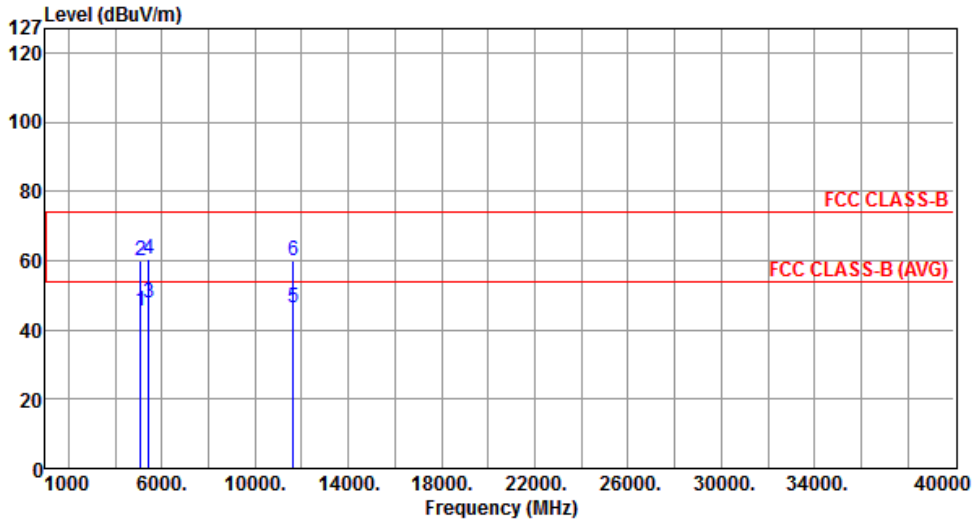
Modulation	11a	Test Freq. (MHz)	5825
Polarization	Horizontal	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	41.39	54.00	-12.61	36.56	4.83	Average	---	---
2	5097.00	53.58	74.00	-20.42	48.75	4.83	Peak	---	---
3	5427.00	41.74	54.00	-12.26	36.60	5.14	Average	---	---
4	5427.00	55.49	74.00	-18.51	50.35	5.14	Peak	---	---
5	11650.00	45.41	54.00	-8.59	30.65	14.76	Average	---	---
6	11650.00	59.31	74.00	-14.69	44.55	14.76	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

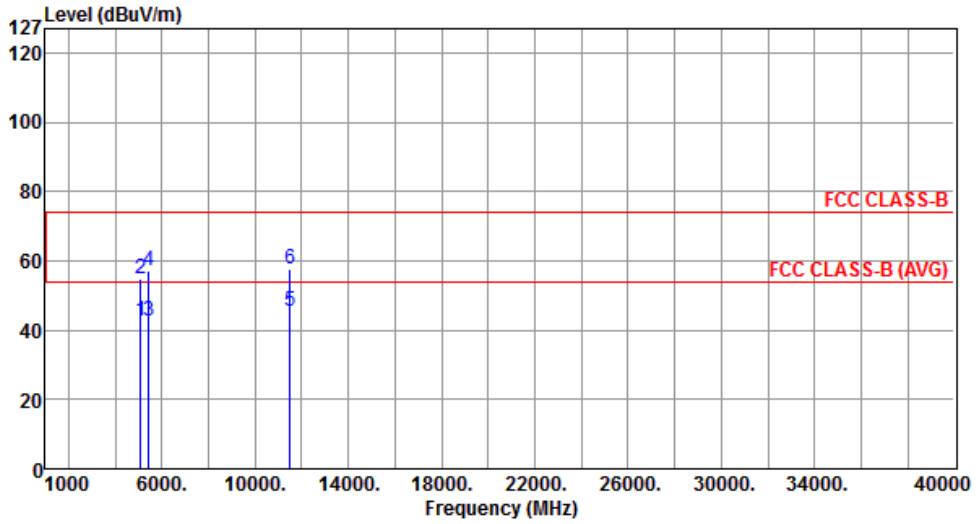
Modulation	11a	Test Freq. (MHz)	5825
Polarization	Vertical	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	45.48	54.00	-8.52	40.65	4.83	Average	---	---
2	5097.00	59.75	74.00	-14.25	54.92	4.83	Peak	---	---
3	5427.00	47.64	54.00	-6.36	42.50	5.14	Average	---	---
4	5427.00	60.63	74.00	-13.37	55.49	5.14	Peak	---	---
5	11650.00	46.61	54.00	-7.39	31.85	14.76	Average	---	---
6	11650.00	60.05	74.00	-13.95	45.29	14.76	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

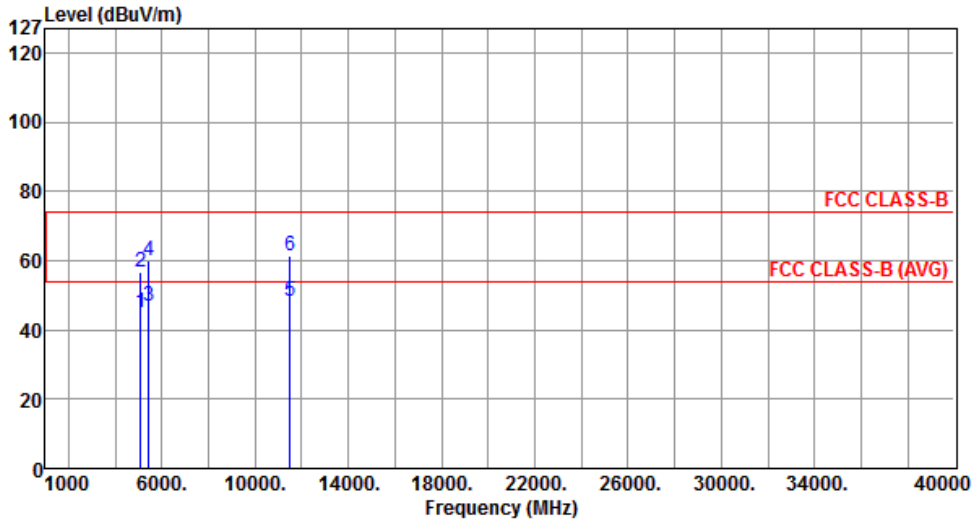
Modulation	11a	Test Freq. (MHz)	5745
Polarization	Horizontal	Test Configuration	5



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	42.59	54.00	-11.41	37.76	4.83	Average	---	---
2	5097.00	54.72	74.00	-19.28	49.89	4.83	Peak	---	---
3	5427.00	42.83	54.00	-11.17	37.69	5.14	Average	---	---
4	5427.00	57.02	74.00	-16.98	51.88	5.14	Peak	---	---
5	11490.00	45.42	54.00	-8.58	30.45	14.97	Average	---	---
6	11490.00	57.65	74.00	-16.35	42.68	14.97	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

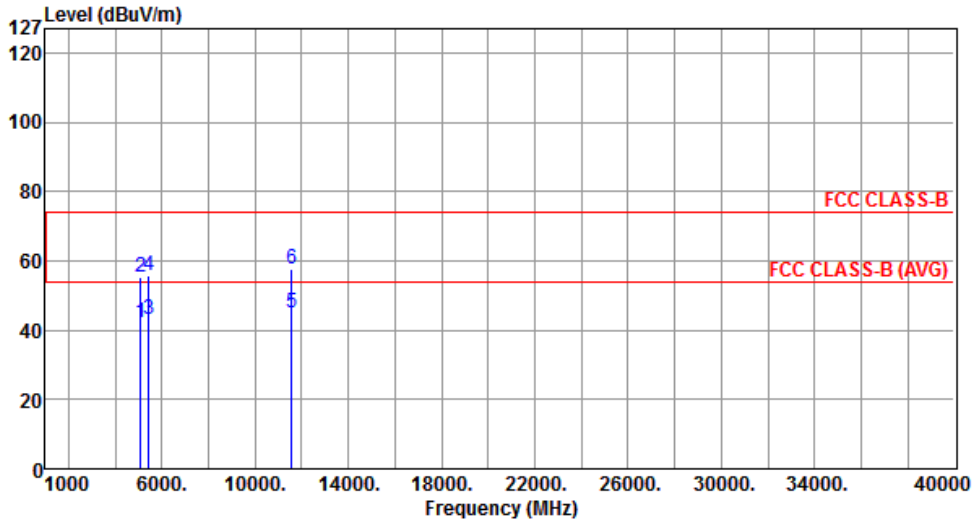
Modulation	11a	Test Freq. (MHz)	5745
Polarization	Vertical	Test Configuration	5



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	44.89	54.00	-9.11	40.06	4.83	Average	---	---
2	5097.00	56.58	74.00	-17.42	51.75	4.83	Peak	---	---
3	5427.00	46.88	54.00	-7.12	41.74	5.14	Average	---	---
4	5427.00	59.76	74.00	-14.24	54.62	5.14	Peak	---	---
5	11490.00	48.23	54.00	-5.77	33.26	14.97	Average	---	---
6	11490.00	61.60	74.00	-12.40	46.63	14.97	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

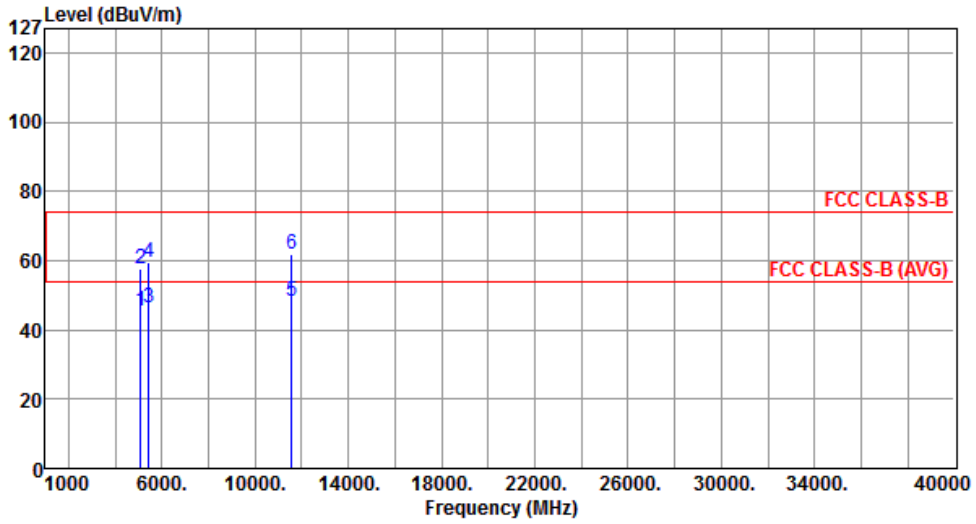
Modulation	11a	Test Freq. (MHz)	5785
Polarization	Horizontal	Test Configuration	5



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	42.27	54.00	-11.73	37.44	4.83	Average	---	---
2	5097.00	55.24	74.00	-18.76	50.41	4.83	Peak	---	---
3	5427.00	42.95	54.00	-11.05	37.81	5.14	Average	---	---
4	5427.00	55.93	74.00	-18.07	50.79	5.14	Peak	---	---
5	11570.00	45.09	54.00	-8.91	30.22	14.87	Average	---	---
6	11570.00	57.42	74.00	-16.58	42.55	14.87	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

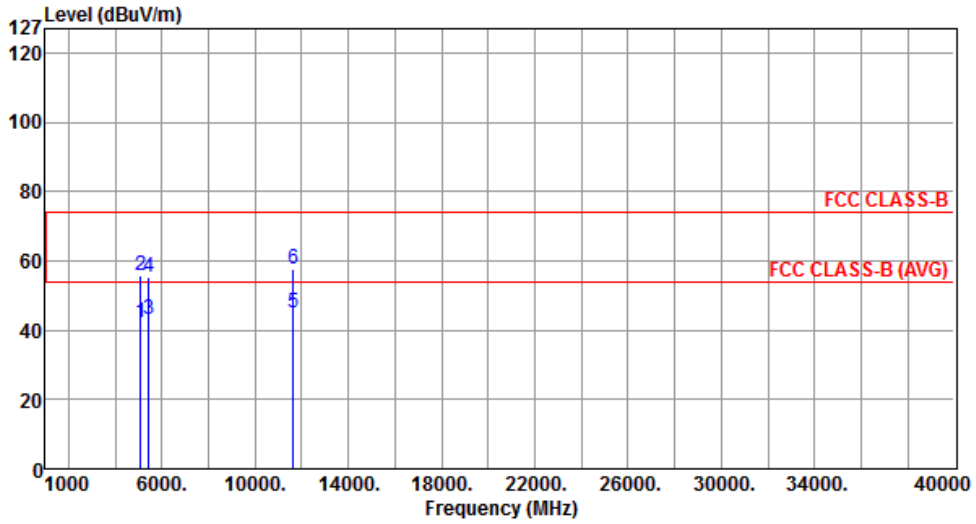
Modulation	11a	Test Freq. (MHz)	5785
Polarization	Vertical	Test Configuration	5



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	45.40	54.00	-8.60	40.57	4.83	Average	---	---
2	5097.00	57.66	74.00	-16.34	52.83	4.83	Peak	---	---
3	5427.00	46.53	54.00	-7.47	41.39	5.14	Average	---	---
4	5427.00	59.44	74.00	-14.56	54.30	5.14	Peak	---	---
5	11570.00	48.08	54.00	-5.92	33.21	14.87	Average	---	---
6	11570.00	62.01	74.00	-11.99	47.14	14.87	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

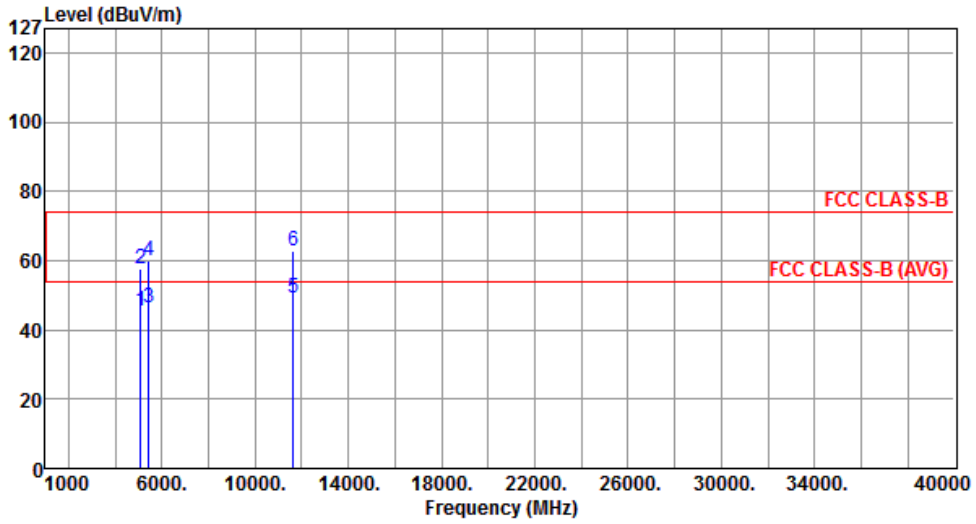
Modulation	11a	Test Freq. (MHz)	5825
Polarization	Horizontal	Test Configuration	5



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	42.34	54.00	-11.66	37.51	4.83	Average	---	---
2	5097.00	55.79	74.00	-18.21	50.96	4.83	Peak	---	---
3	5427.00	43.16	54.00	-10.84	38.02	5.14	Average	---	---
4	5427.00	55.21	74.00	-18.79	50.07	5.14	Peak	---	---
5	11650.00	44.91	54.00	-9.09	30.15	14.76	Average	---	---
6	11650.00	57.72	74.00	-16.28	42.96	14.76	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

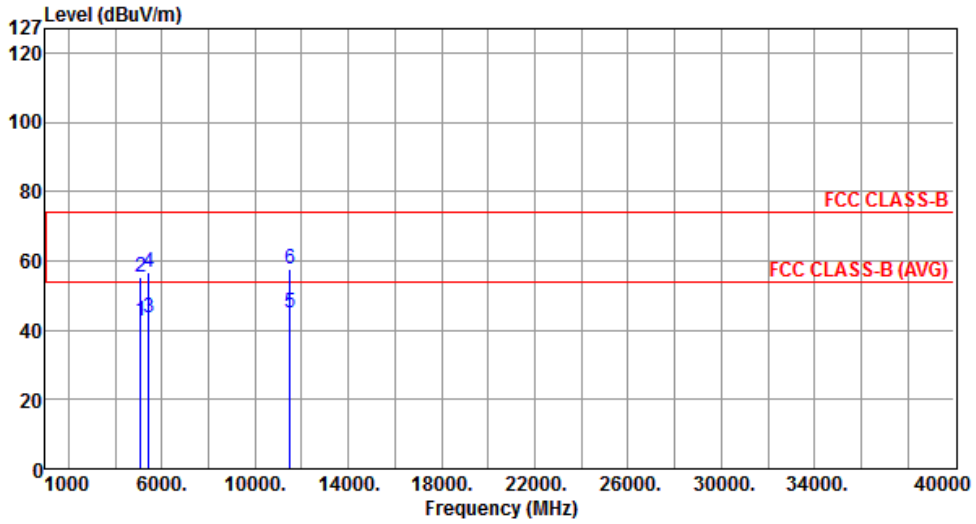
Modulation	11a	Test Freq. (MHz)	5825
Polarization	Vertical	Test Configuration	5



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	45.37	54.00	-8.63	40.54	4.83	Average	---	---
2	5097.00	57.71	74.00	-16.29	52.88	4.83	Peak	---	---
3	5427.00	46.48	54.00	-7.52	41.34	5.14	Average	---	---
4	5427.00	59.88	74.00	-14.12	54.74	5.14	Peak	---	---
5	11650.00	48.97	54.00	-5.03	34.21	14.76	Average	---	---
6	11650.00	62.62	74.00	-11.38	47.86	14.76	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

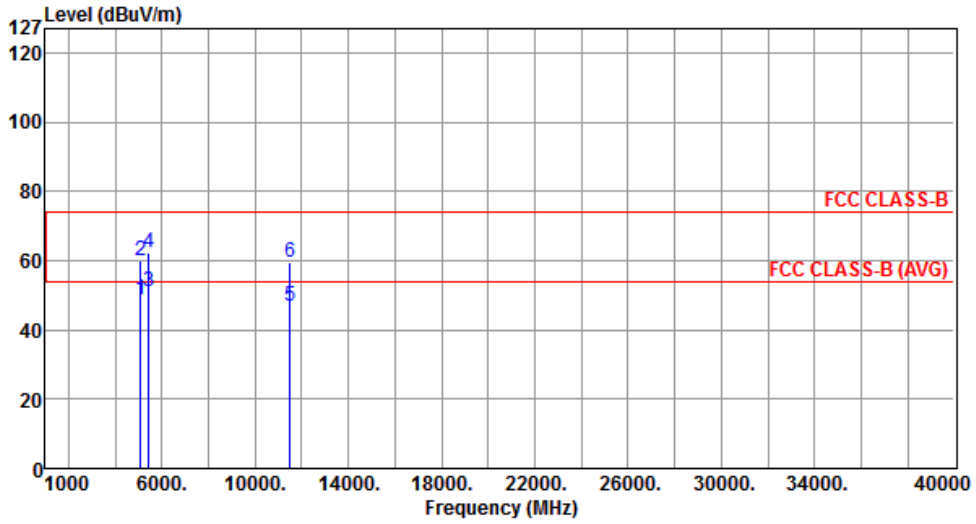
Modulation	11a	Test Freq. (MHz)	5745
Polarization	Horizontal	Test Configuration	6



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	42.78	54.00	-11.22	37.95	4.83	Average	---	---
2	5097.00	55.45	74.00	-18.55	50.62	4.83	Peak	---	---
3	5427.00	43.78	54.00	-10.22	38.64	5.14	Average	---	---
4	5427.00	56.63	74.00	-17.37	51.49	5.14	Peak	---	---
5	11490.00	44.86	54.00	-9.14	29.89	14.97	Average	---	---
6	11490.00	57.64	74.00	-16.36	42.67	14.97	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

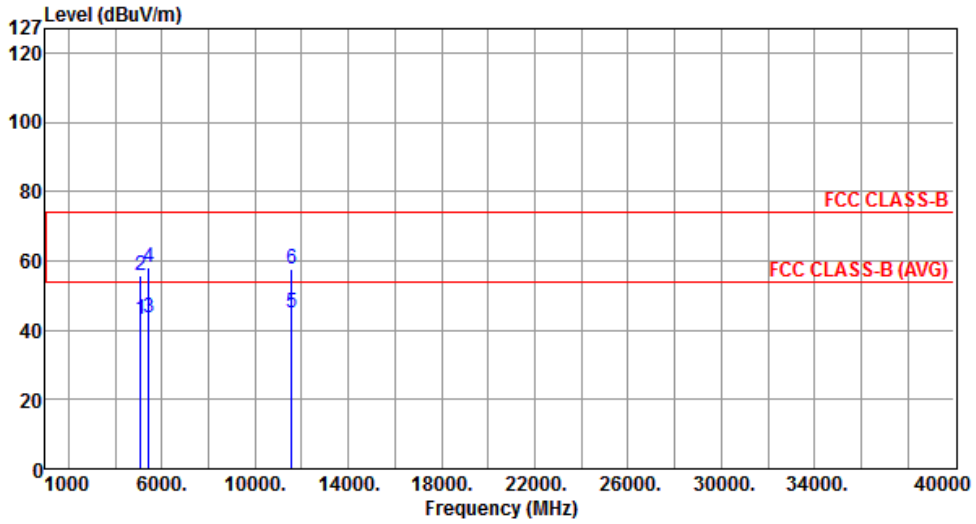
Modulation	11a	Test Freq. (MHz)	5745
Polarization	Vertical	Test Configuration	6



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	48.66	54.00	-5.34	43.83	4.83	Average	---	---
2	5097.00	60.12	74.00	-13.88	55.29	4.83	Peak	---	---
3	5427.00	50.93	54.00	-3.07	45.79	5.14	Average	---	---
4	5427.00	62.18	74.00	-11.82	57.04	5.14	Peak	---	---
5	11490.00	46.93	54.00	-7.07	31.96	14.97	Average	---	---
6	11490.00	59.52	74.00	-14.48	44.55	14.97	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

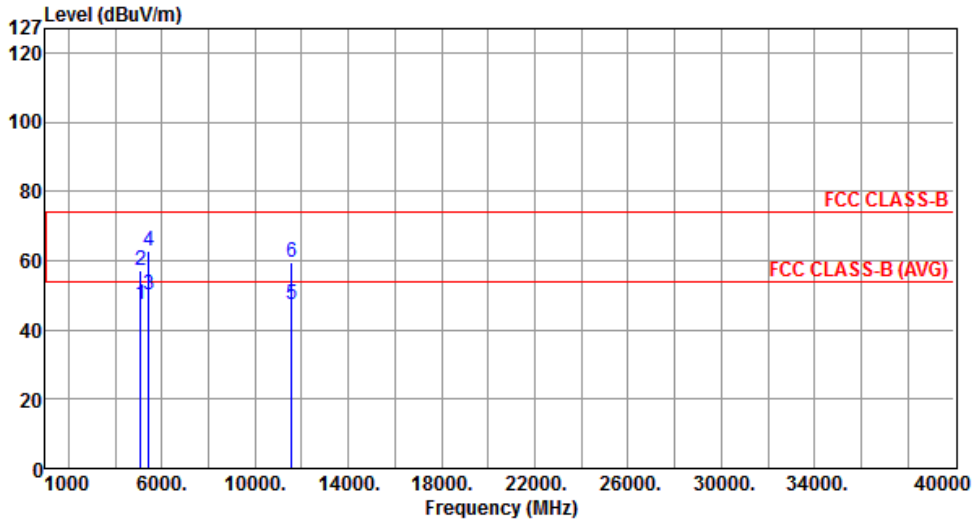
Modulation	11a	Test Freq. (MHz)	5785
Polarization	Horizontal	Test Configuration	6



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	43.00	54.00	-11.00	38.17	4.83	Average	---	---
2	5097.00	55.67	74.00	-18.33	50.84	4.83	Peak	---	---
3	5427.00	43.61	54.00	-10.39	38.47	5.14	Average	---	---
4	5427.00	58.33	74.00	-15.67	53.19	5.14	Peak	---	---
5	11570.00	44.87	54.00	-9.13	30.00	14.87	Average	---	---
6	11570.00	57.65	74.00	-16.35	42.78	14.87	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

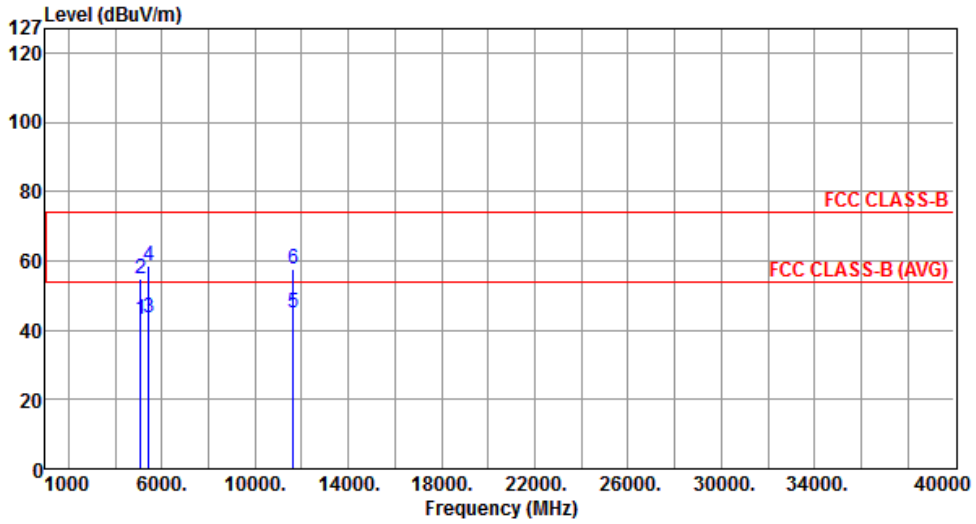
Modulation	11a	Test Freq. (MHz)	5785
Polarization	Vertical	Test Configuration	6



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	47.31	54.00	-6.69	42.48	4.83	Average	---	---
2	5097.00	57.34	74.00	-16.66	52.51	4.83	Peak	---	---
3	5427.00	50.27	54.00	-3.73	45.13	5.14	Average	---	---
4	5427.00	63.00	74.00	-11.00	57.86	5.14	Peak	---	---
5	11570.00	47.20	54.00	-6.80	32.33	14.87	Average	---	---
6	11570.00	59.69	74.00	-14.31	44.82	14.87	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

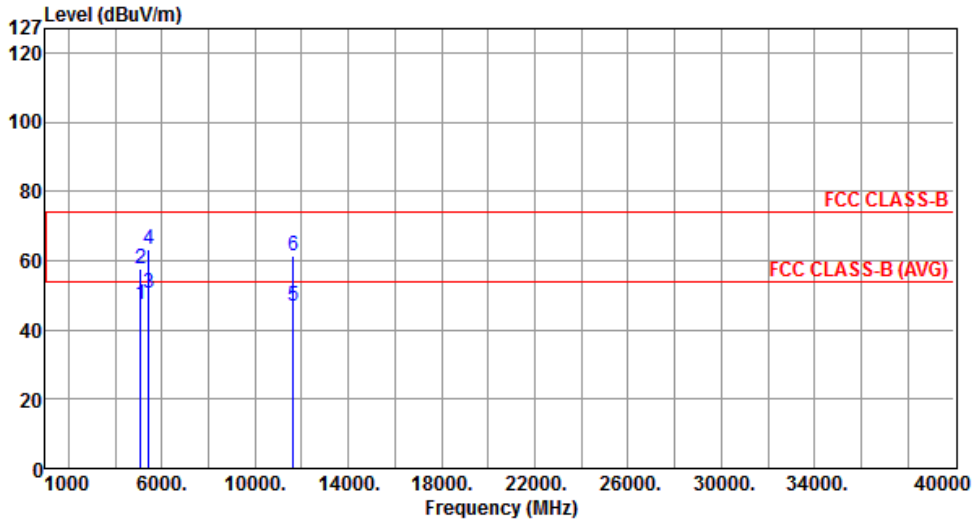
Modulation	11a	Test Freq. (MHz)	5825
Polarization	Horizontal	Test Configuration	6



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	43.23	54.00	-10.77	38.40	4.83	Average	---	---
2	5097.00	55.01	74.00	-18.99	50.18	4.83	Peak	---	---
3	5427.00	43.75	54.00	-10.25	38.61	5.14	Average	---	---
4	5427.00	58.56	74.00	-15.44	53.42	5.14	Peak	---	---
5	11650.00	45.12	54.00	-8.88	30.36	14.76	Average	---	---
6	11650.00	57.68	74.00	-16.32	42.92	14.76	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	**Test Freq. (MHz)**	5825
Polarization	Vertical	**Test Configuration**	6

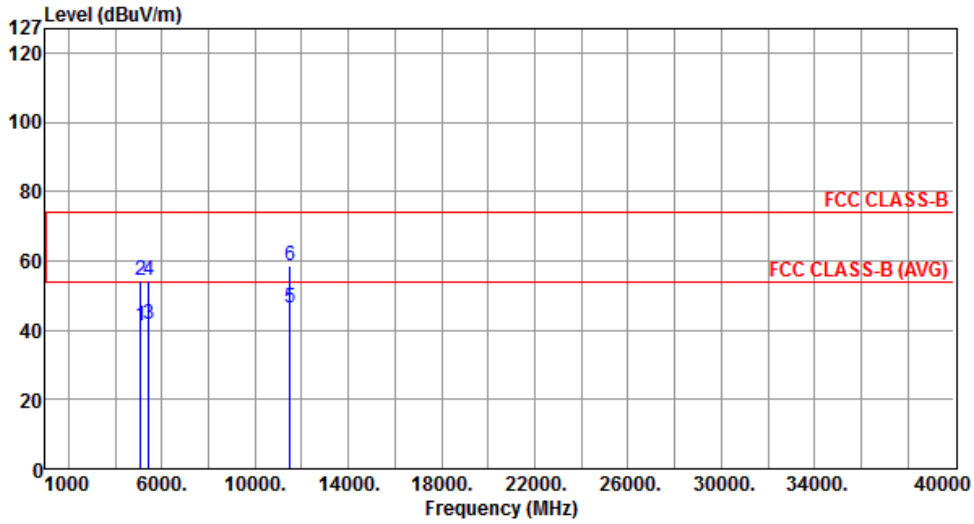


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	47.35	54.00	-6.65	42.52	4.83	Average	---	---
2	5097.00	57.46	74.00	-16.54	52.63	4.83	Peak	---	---
3	5427.00	50.47	54.00	-3.53	45.33	5.14	Average	---	---
4	5427.00	63.06	74.00	-10.94	57.92	5.14	Peak	---	---
5	11650.00	46.91	54.00	-7.09	32.15	14.76	Average	---	---
6	11650.00	61.29	74.00	-12.71	46.53	14.76	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

3.5.6 Transmitter Radiated Unwanted Emissions (Above 1GHz) for VHT20

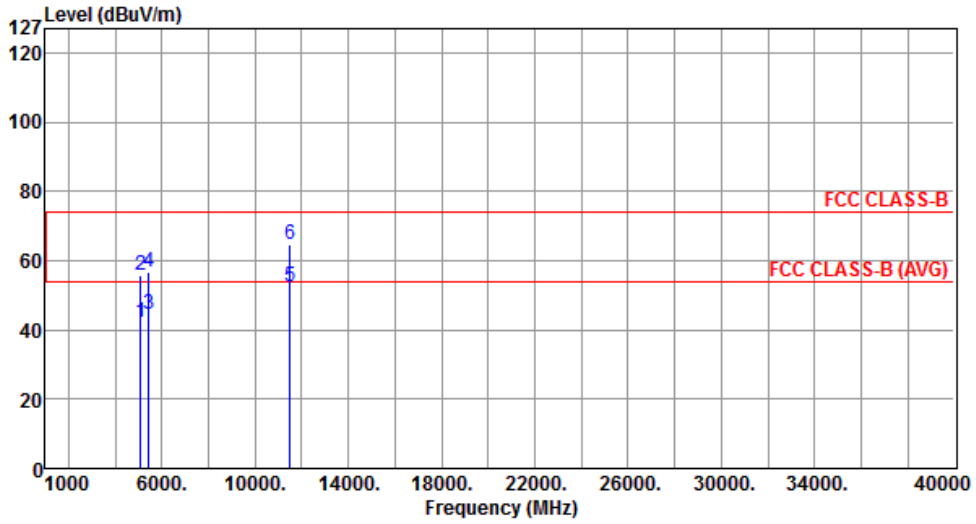
Modulation	VHT20	Test Freq. (MHz)	5745
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	41.23	54.00	-12.77	36.40	4.83	Average	---	---
2	5097.00	54.55	74.00	-19.45	49.72	4.83	Peak	---	---
3	5427.00	41.63	54.00	-12.37	36.49	5.14	Average	---	---
4	5427.00	54.26	74.00	-19.74	49.12	5.14	Peak	---	---
5	11490.00	46.20	54.00	-7.80	31.23	14.97	Average	---	---
6	11490.00	58.49	74.00	-15.51	43.52	14.97	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

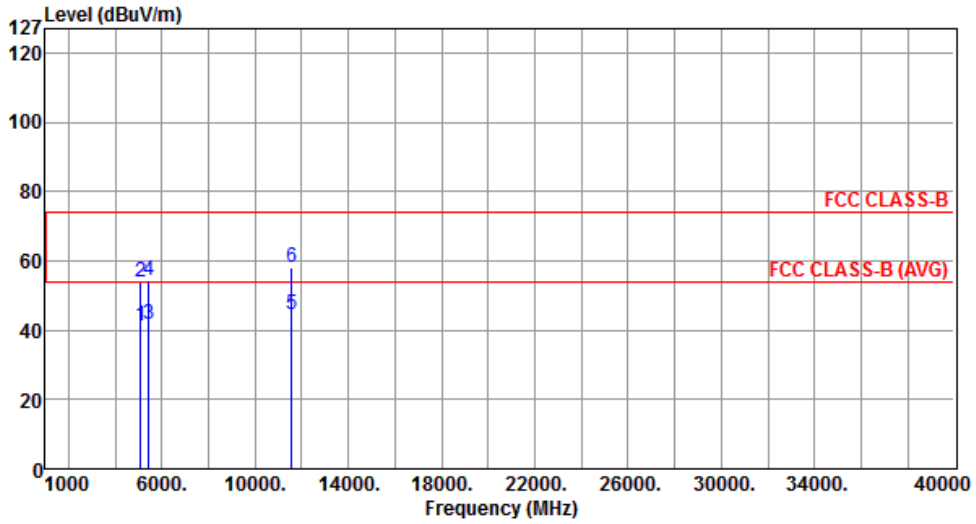
Modulation	VHT20	Test Freq. (MHz)	5745
Polarization	Vertical	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	42.35	54.00	-11.65	37.52	4.83	Average	---	---
2	5097.00	55.61	74.00	-18.39	50.78	4.83	Peak	---	---
3	5427.00	44.57	54.00	-9.43	39.43	5.14	Average	---	---
4	5427.00	56.82	74.00	-17.18	51.68	5.14	Peak	---	---
5	11490.00	52.56	54.00	-1.44	37.59	14.97	Average	---	---
6	11490.00	64.89	74.00	-9.11	49.92	14.97	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

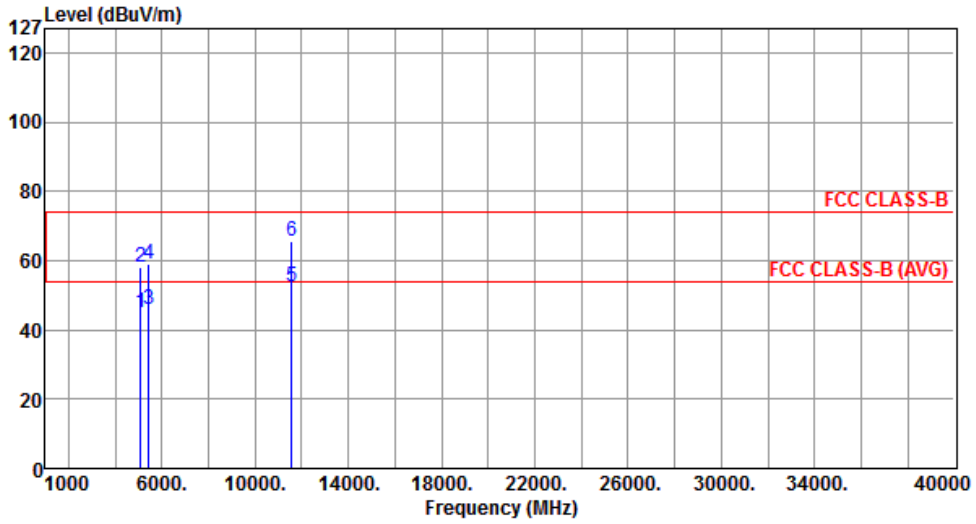
Modulation	VHT20	Test Freq. (MHz)	5785
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	41.31	54.00	-12.69	36.48	4.83	Average	---	---
2	5097.00	53.92	74.00	-20.08	49.09	4.83	Peak	---	---
3	5427.00	41.57	54.00	-12.43	36.43	5.14	Average	---	---
4	5427.00	54.26	74.00	-19.74	49.12	5.14	Peak	---	---
5	11570.00	44.30	54.00	-9.70	29.43	14.87	Average	---	---
6	11570.00	58.05	74.00	-15.95	43.18	14.87	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

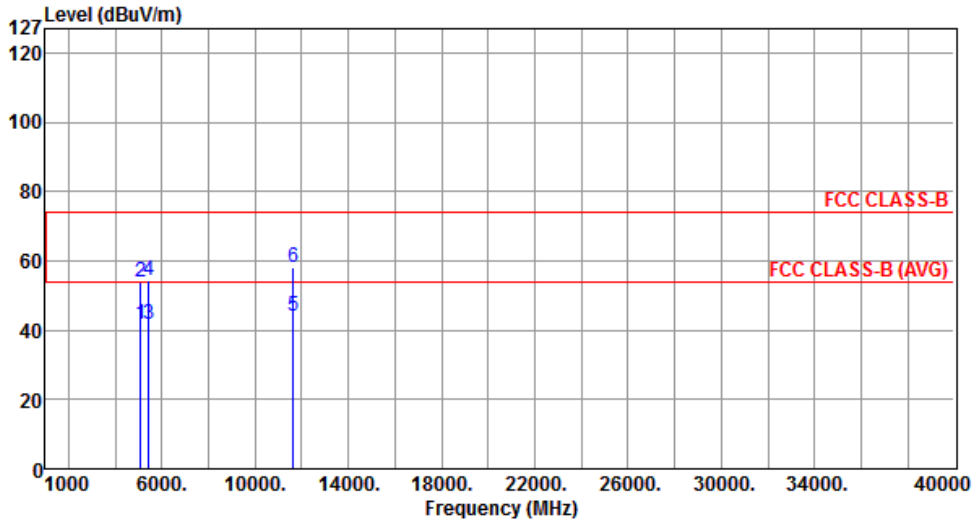
Modulation	VHT20	**Test Freq. (MHz)**	5785
Polarization	Vertical	**Test Configuration**	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	44.85	54.00	-9.15	40.02	4.83	Average	---	---
2	5097.00	57.94	74.00	-16.06	53.11	4.83	Peak	---	---
3	5427.00	45.82	54.00	-8.18	40.68	5.14	Average	---	---
4	5427.00	58.85	74.00	-15.15	53.71	5.14	Peak	---	---
5	11570.00	52.41	54.00	-1.59	37.54	14.87	Average	---	---
6	11570.00	65.50	74.00	-8.50	50.63	14.87	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

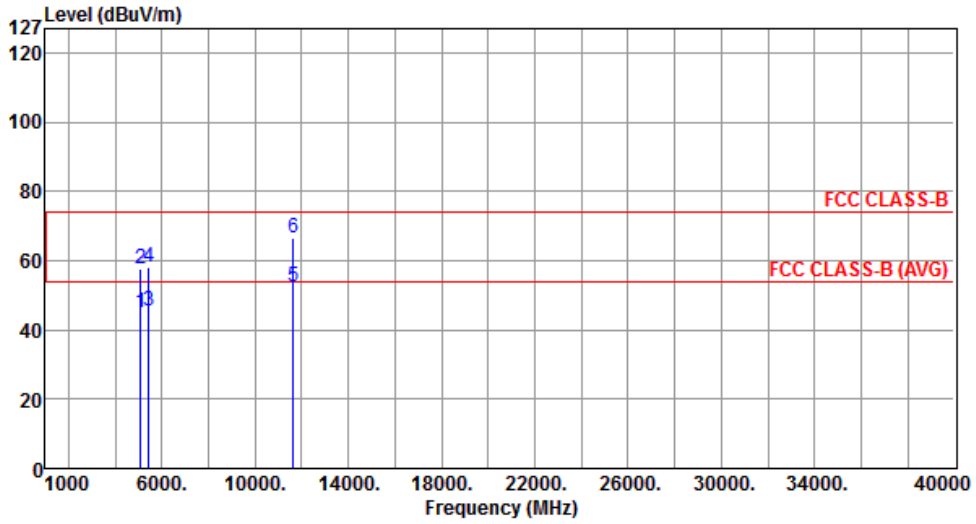
Modulation	VHT20	Test Freq. (MHz)	5825
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	41.58	54.00	-12.42	36.75	4.83	Average	---	---
2	5097.00	53.82	74.00	-20.18	48.99	4.83	Peak	---	---
3	5427.00	41.62	54.00	-12.38	36.48	5.14	Average	---	---
4	5427.00	54.37	74.00	-19.63	49.23	5.14	Peak	---	---
5	11650.00	44.28	54.00	-9.72	29.52	14.76	Average	---	---
6	11650.00	58.26	74.00	-15.74	43.50	14.76	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

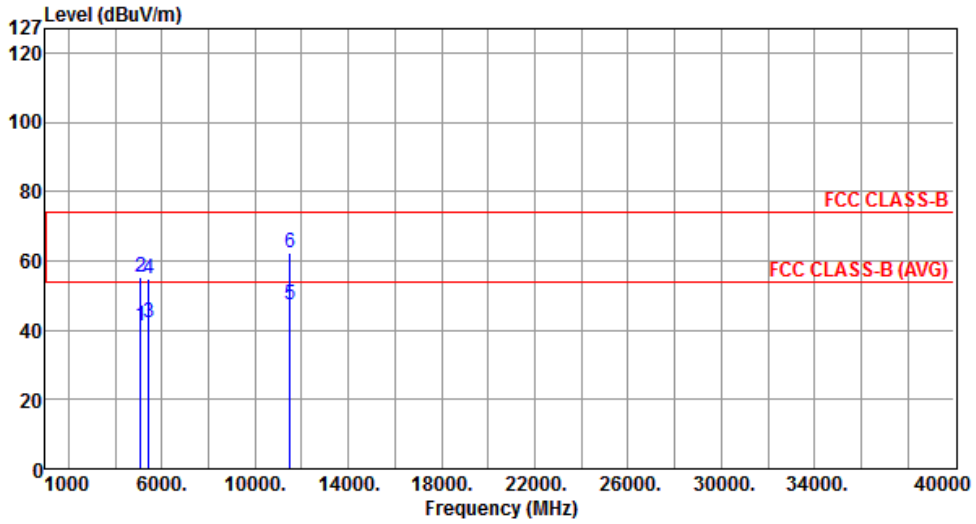
Modulation	VHT20	**Test Freq. (MHz)**	5825
Polarization	Vertical	**Test Configuration**	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	44.76	54.00	-9.24	39.93	4.83	Average	---	---
2	5097.00	57.83	74.00	-16.17	53.00	4.83	Peak	---	---
3	5427.00	45.46	54.00	-8.54	40.32	5.14	Average	---	---
4	5427.00	58.34	74.00	-15.66	53.20	5.14	Peak	---	---
5	11650.00	52.48	54.00	-1.52	37.72	14.76	Average	---	---
6	11650.00	66.42	74.00	-7.58	51.66	14.76	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

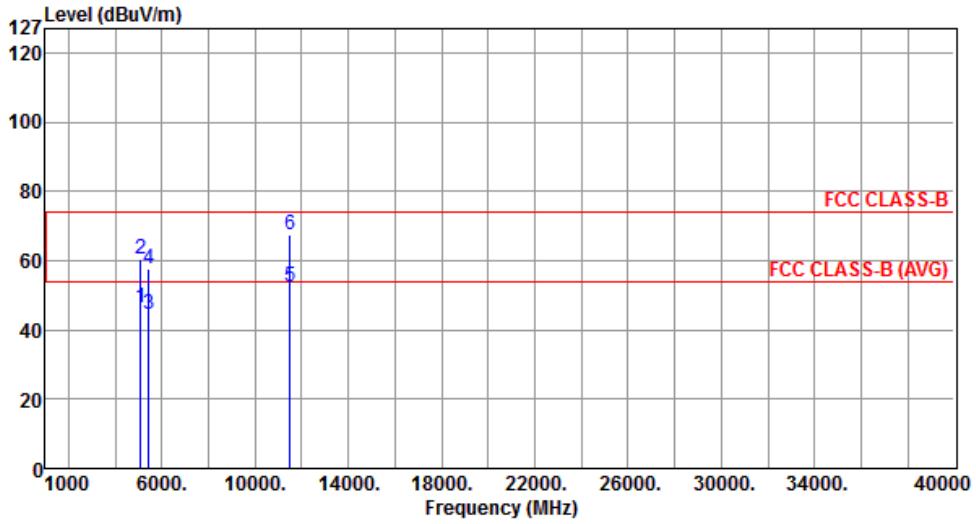
Modulation	VHT20	Test Freq. (MHz)	5745
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	41.36	54.00	-12.64	36.53	4.83	Average	---	---
2	5097.00	55.50	74.00	-18.50	50.67	4.83	Peak	---	---
3	5427.00	42.17	54.00	-11.83	37.03	5.14	Average	---	---
4	5427.00	54.79	74.00	-19.21	49.65	5.14	Peak	---	---
5	11490.00	47.45	54.00	-6.55	32.48	14.97	Average	---	---
6	11490.00	62.36	74.00	-11.64	47.39	14.97	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

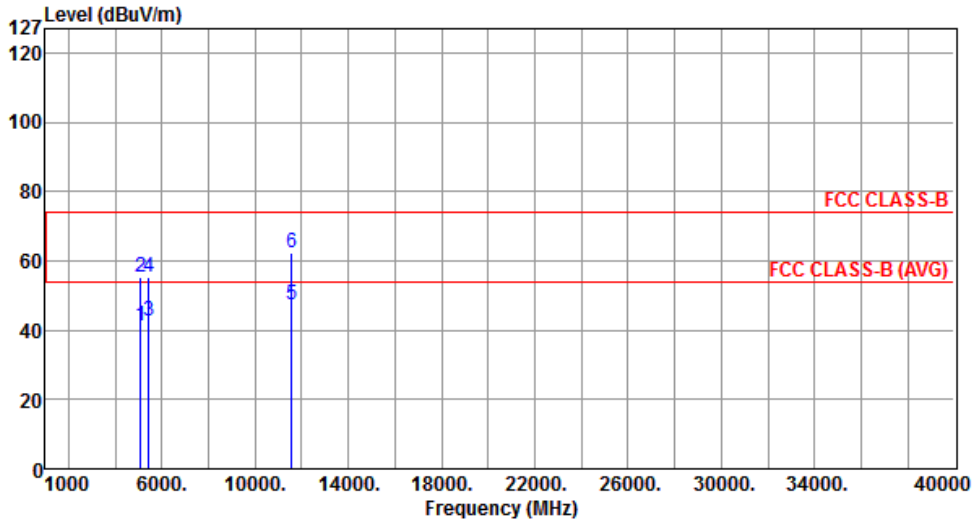
Modulation	VHT20	**Test Freq. (MHz)**	5745
Polarization	Vertical	**Test Configuration**	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	46.39	54.00	-7.61	41.56	4.83	Average	---	---
2	5097.00	60.30	74.00	-13.70	55.47	4.83	Peak	---	---
3	5427.00	44.32	54.00	-9.68	39.18	5.14	Average	---	---
4	5427.00	57.77	74.00	-16.23	52.63	5.14	Peak	---	---
5	11490.00	52.48	54.00	-1.52	37.51	14.97	Average	---	---
6	11490.00	67.54	74.00	-6.46	52.57	14.97	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

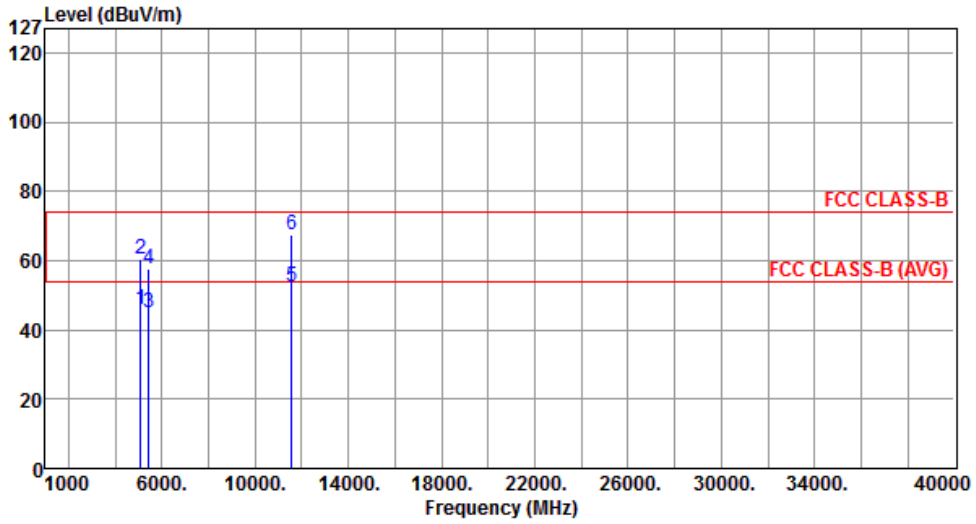
Modulation	VHT20	Test Freq. (MHz)	5785
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	41.41	54.00	-12.59	36.58	4.83	Average	---	---
2	5097.00	55.26	74.00	-18.74	50.43	4.83	Peak	---	---
3	5427.00	42.45	54.00	-11.55	37.31	5.14	Average	---	---
4	5427.00	55.30	74.00	-18.70	50.16	5.14	Peak	---	---
5	11570.00	47.55	54.00	-6.45	32.68	14.87	Average	---	---
6	11570.00	62.11	74.00	-11.89	47.24	14.87	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

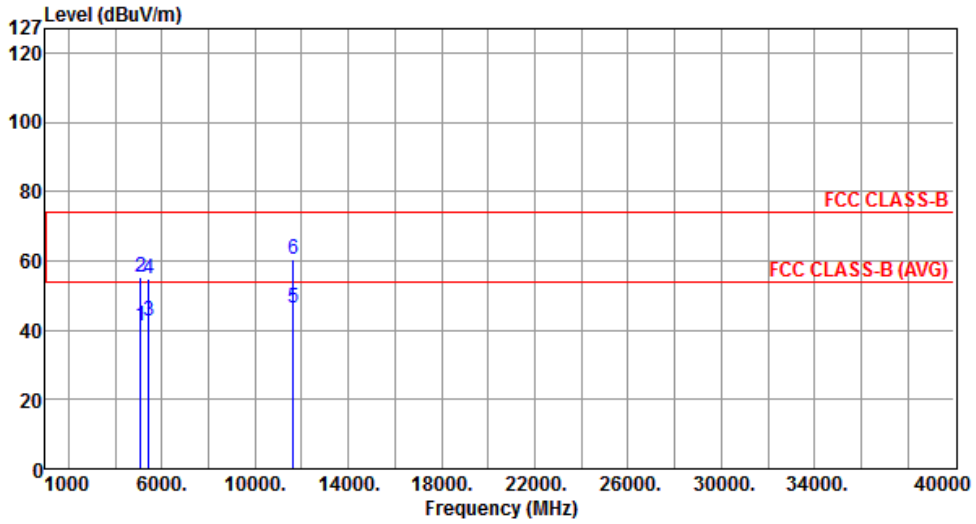
Modulation	VHT20	Test Freq. (MHz)	5785
Polarization	Vertical	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	46.13	54.00	-7.87	41.30	4.83	Average	---	---
2	5097.00	60.30	74.00	-13.70	55.47	4.83	Peak	---	---
3	5427.00	44.76	54.00	-9.24	39.62	5.14	Average	---	---
4	5427.00	57.59	74.00	-16.41	52.45	5.14	Peak	---	---
5	11570.00	52.45	54.00	-1.55	37.58	14.87	Average	---	---
6	11570.00	67.55	74.00	-6.45	52.68	14.87	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

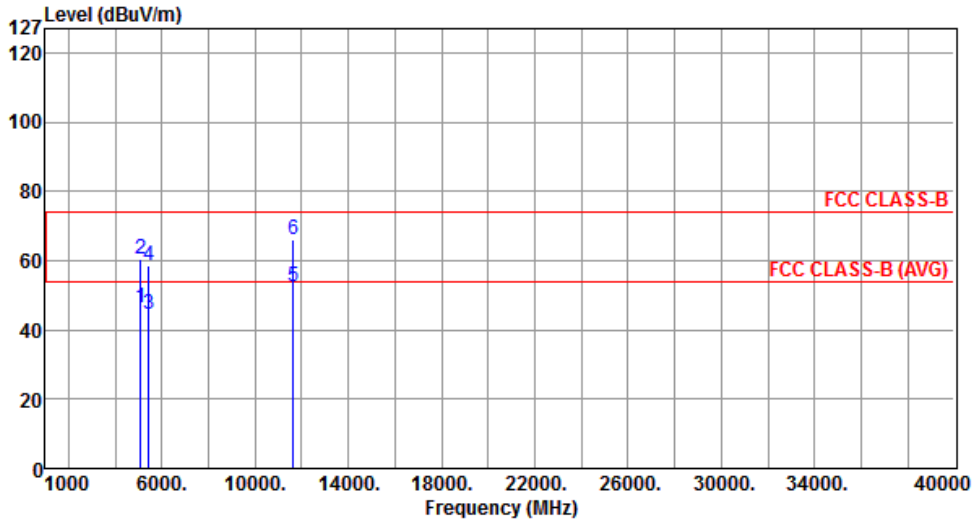
Modulation	VHT20	Test Freq. (MHz)	5825
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	41.35	54.00	-12.65	36.52	4.83	Average	---	---
2	5097.00	55.30	74.00	-18.70	50.47	4.83	Peak	---	---
3	5427.00	42.45	54.00	-11.55	37.31	5.14	Average	---	---
4	5427.00	54.92	74.00	-19.08	49.78	5.14	Peak	---	---
5	11650.00	46.37	54.00	-7.63	31.61	14.76	Average	---	---
6	11650.00	60.61	74.00	-13.39	45.85	14.76	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

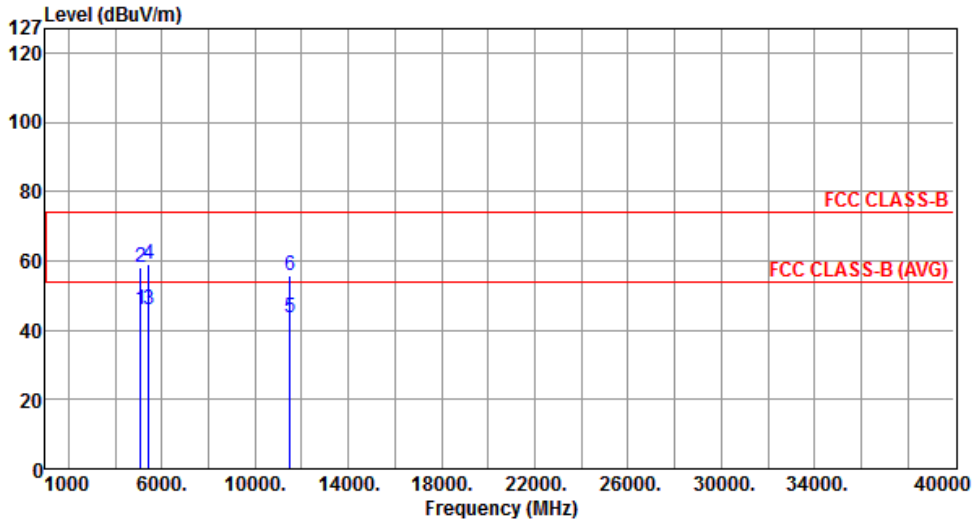
Modulation	VHT20	Test Freq. (MHz)	5825
Polarization	Vertical	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	46.37	54.00	-7.63	41.54	4.83	Average	---	---
2	5097.00	60.56	74.00	-13.44	55.73	4.83	Peak	---	---
3	5427.00	44.41	54.00	-9.59	39.27	5.14	Average	---	---
4	5427.00	58.40	74.00	-15.60	53.26	5.14	Peak	---	---
5	11650.00	52.38	54.00	-1.62	37.62	14.76	Average	---	---
6	11650.00	66.09	74.00	-7.91	51.33	14.76	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

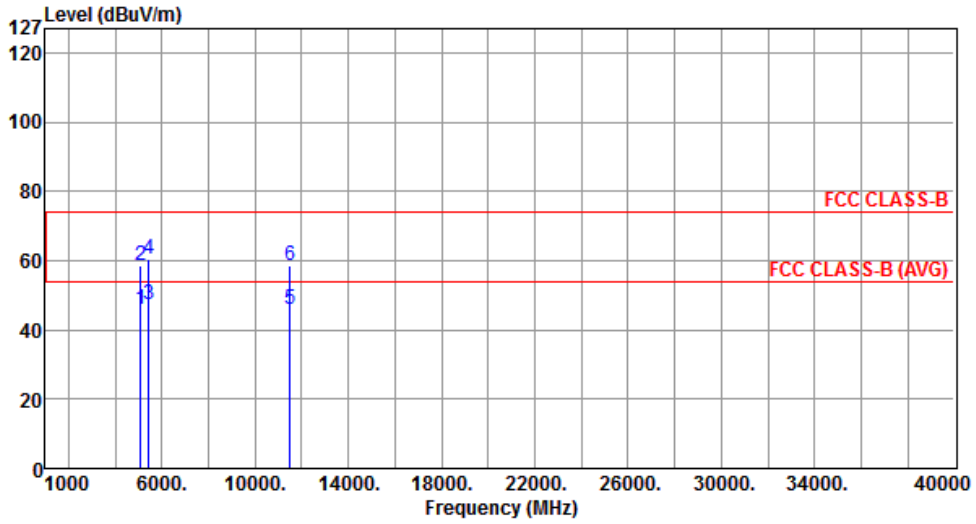
Modulation	VHT20	Test Freq. (MHz)	5745
Polarization	Horizontal	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	46.05	54.00	-7.95	41.22	4.83	Average	---	---
2	5097.00	58.26	74.00	-15.74	53.43	4.83	Peak	---	---
3	5427.00	45.76	54.00	-8.24	40.62	5.14	Average	---	---
4	5427.00	59.02	74.00	-14.98	53.88	5.14	Peak	---	---
5	11490.00	43.74	54.00	-10.26	28.77	14.97	Average	---	---
6	11490.00	55.81	74.00	-18.19	40.84	14.97	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

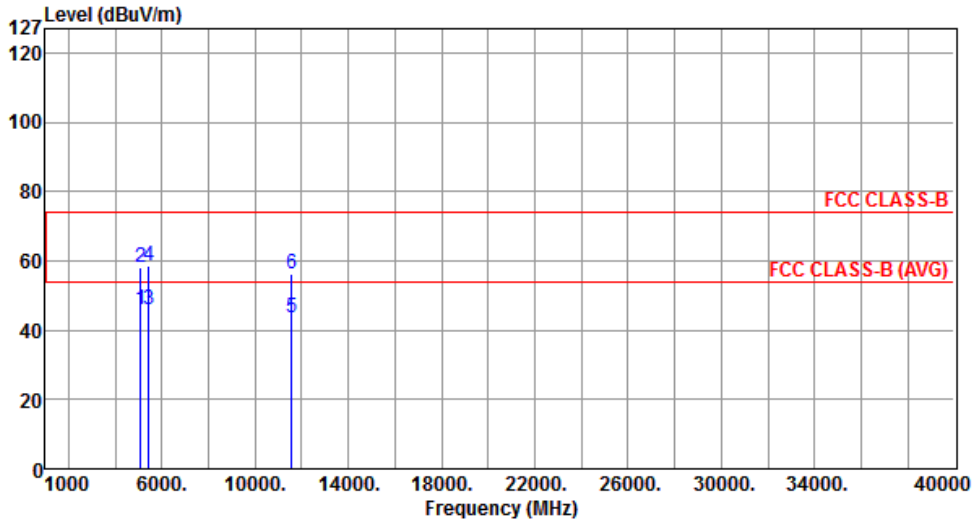
Modulation	VHT20	**Test Freq. (MHz)**	5745
Polarization	Vertical	**Test Configuration**	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	46.04	54.00	-7.96	41.21	4.83	Average	---	---
2	5097.00	58.47	74.00	-15.53	53.64	4.83	Peak	---	---
3	5427.00	47.52	54.00	-6.48	42.38	5.14	Average	---	---
4	5427.00	60.62	74.00	-13.38	55.48	5.14	Peak	---	---
5	11490.00	45.96	54.00	-8.04	30.99	14.97	Average	---	---
6	11490.00	58.47	74.00	-15.53	43.50	14.97	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

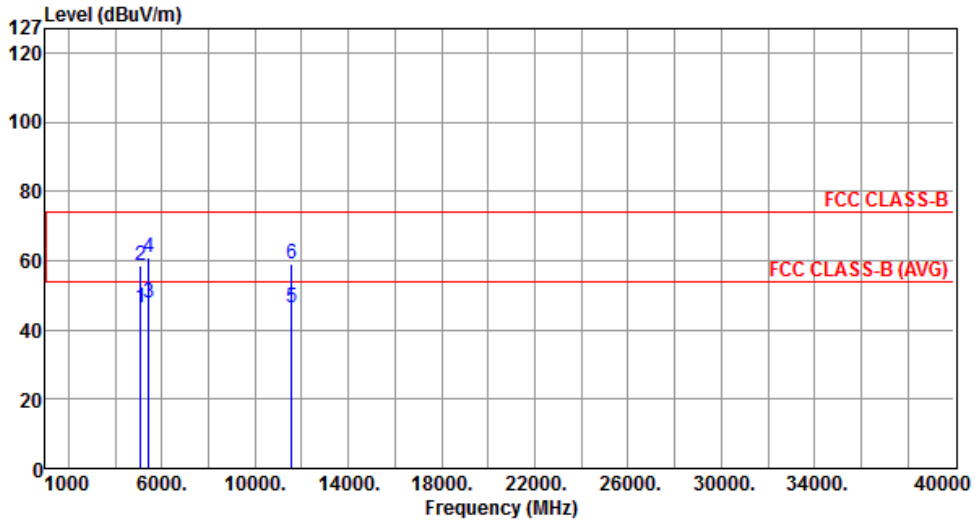
Modulation	VHT20	Test Freq. (MHz)	5785
Polarization	Horizontal	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	46.13	54.00	-7.87	41.30	4.83	Average	---	---
2	5097.00	58.27	74.00	-15.73	53.44	4.83	Peak	---	---
3	5427.00	45.83	54.00	-8.17	40.69	5.14	Average	---	---
4	5427.00	58.81	74.00	-15.19	53.67	5.14	Peak	---	---
5	11570.00	43.75	54.00	-10.25	28.88	14.87	Average	---	---
6	11570.00	56.19	74.00	-17.81	41.32	14.87	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

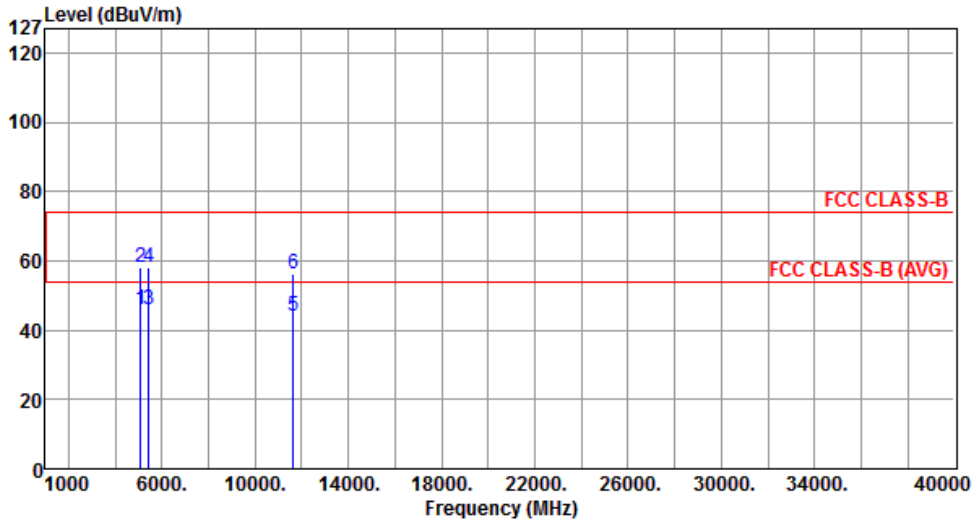
Modulation	VHT20	Test Freq. (MHz)	5785
Polarization	Vertical	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	46.16	54.00	-7.84	41.33	4.83	Average	---	---
2	5097.00	58.58	74.00	-15.42	53.75	4.83	Peak	---	---
3	5427.00	47.72	54.00	-6.28	42.58	5.14	Average	---	---
4	5427.00	60.76	74.00	-13.24	55.62	5.14	Peak	---	---
5	11570.00	46.29	54.00	-7.71	31.42	14.87	Average	---	---
6	11570.00	59.12	74.00	-14.88	44.25	14.87	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

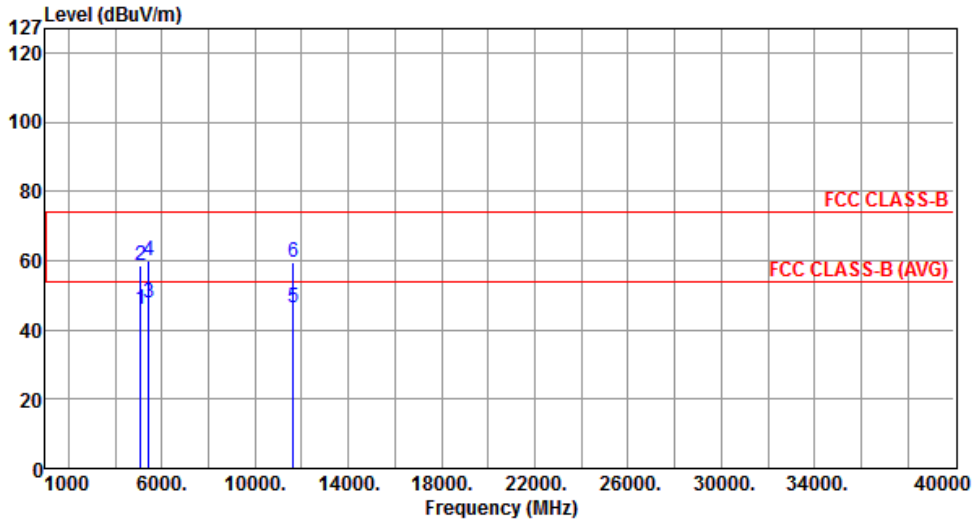
Modulation	VHT20	Test Freq. (MHz)	5825
Polarization	Horizontal	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	45.98	54.00	-8.02	41.15	4.83	Average	---	---
2	5097.00	58.19	74.00	-15.81	53.36	4.83	Peak	---	---
3	5427.00	45.95	54.00	-8.05	40.81	5.14	Average	---	---
4	5427.00	58.32	74.00	-15.68	53.18	5.14	Peak	---	---
5	11650.00	44.17	54.00	-9.83	29.41	14.76	Average	---	---
6	11650.00	56.43	74.00	-17.57	41.67	14.76	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

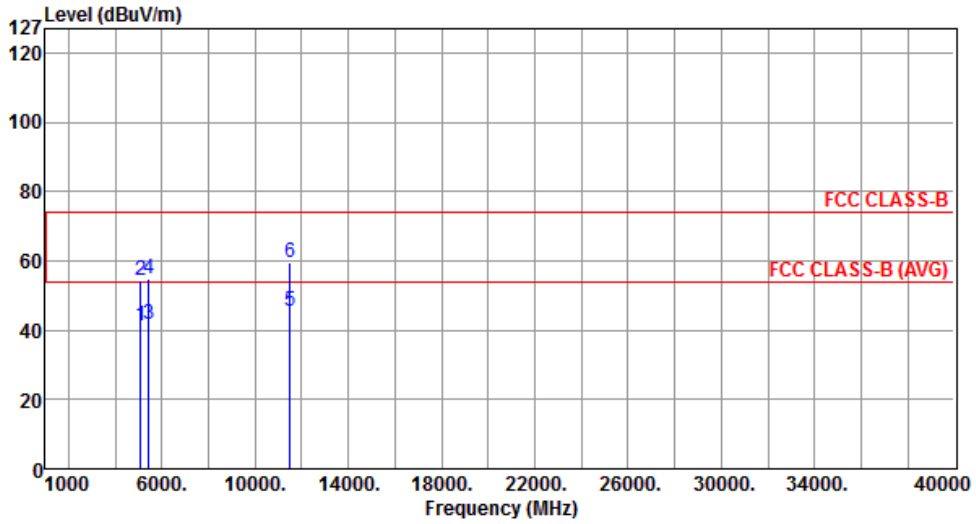
Modulation	VHT20	**Test Freq. (MHz)**	5825
Polarization	Vertical	**Test Configuration**	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	46.15	54.00	-7.85	41.32	4.83	Average	---	---
2	5097.00	58.50	74.00	-15.50	53.67	4.83	Peak	---	---
3	5427.00	47.75	54.00	-6.25	42.61	5.14	Average	---	---
4	5427.00	60.00	74.00	-14.00	54.86	5.14	Peak	---	---
5	11650.00	46.33	54.00	-7.67	31.57	14.76	Average	---	---
6	11650.00	59.68	74.00	-14.32	44.92	14.76	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

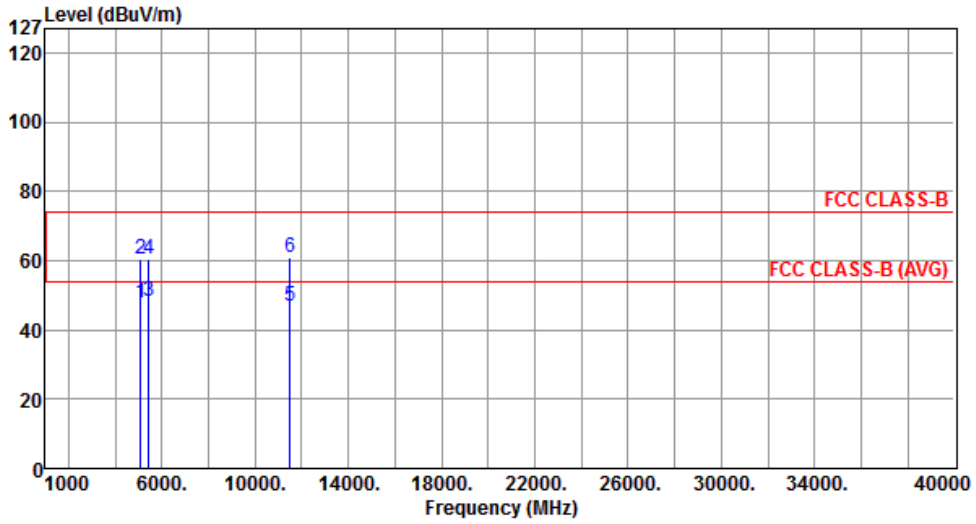
Modulation	VHT20	Test Freq. (MHz)	5745
Polarization	Horizontal	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5103.00	41.23	54.00	-12.77	36.40	4.83	Average	---	---
2	5103.00	54.35	74.00	-19.65	49.52	4.83	Peak	---	---
3	5427.00	41.66	54.00	-12.34	36.52	5.14	Average	---	---
4	5427.00	54.73	74.00	-19.27	49.59	5.14	Peak	---	---
5	11490.00	45.31	54.00	-8.69	30.34	14.97	Average	---	---
6	11490.00	59.62	74.00	-14.38	44.65	14.97	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

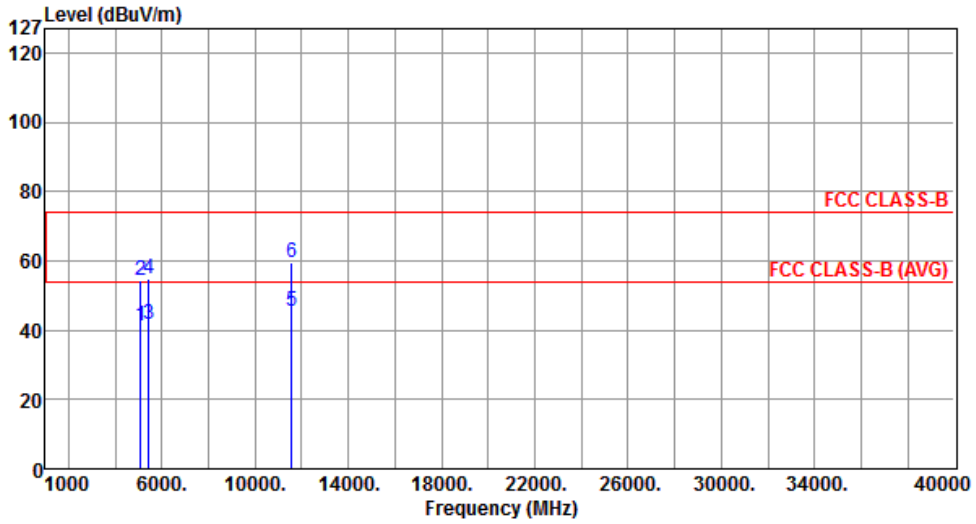
Modulation	VHT20	Test Freq. (MHz)	5745
Polarization	Vertical	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5103.00	47.66	54.00	-6.34	42.83	4.83	Average	---	---
2	5103.00	60.48	74.00	-13.52	55.65	4.83	Peak	---	---
3	5427.00	48.25	54.00	-5.75	43.11	5.14	Average	---	---
4	5427.00	60.37	74.00	-13.63	55.23	5.14	Peak	---	---
5	11490.00	46.64	54.00	-7.36	31.67	14.97	Average	---	---
6	11490.00	60.83	74.00	-13.17	45.86	14.97	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

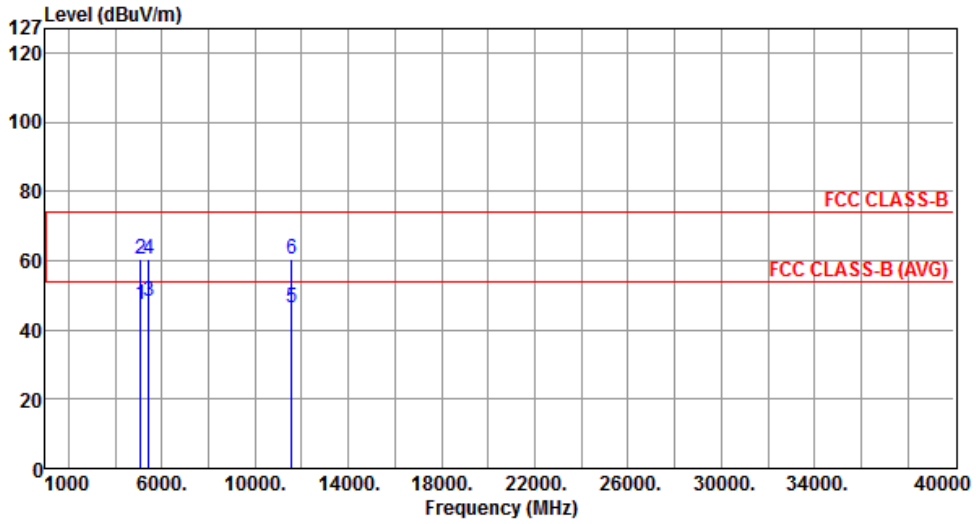
Modulation	VHT20	Test Freq. (MHz)	5785
Polarization	Horizontal	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	41.38	54.00	-12.62	36.55	4.83	Average	---	---
2	5097.00	54.52	74.00	-19.48	49.69	4.83	Peak	---	---
3	5427.00	41.63	54.00	-12.37	36.49	5.14	Average	---	---
4	5427.00	54.68	74.00	-19.32	49.54	5.14	Peak	---	---
5	11570.00	45.35	54.00	-8.65	30.48	14.87	Average	---	---
6	11570.00	59.60	74.00	-14.40	44.73	14.87	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

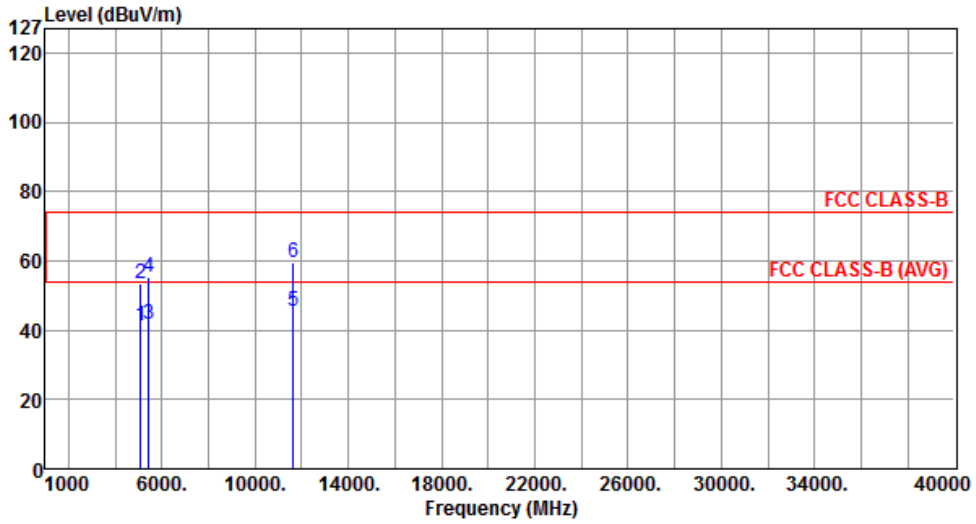
Modulation	VHT20	**Test Freq. (MHz)**	5785
Polarization	Vertical	**Test Configuration**	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	47.48	54.00	-6.52	42.65	4.83	Average	---	---
2	5097.00	60.37	74.00	-13.63	55.54	4.83	Peak	---	---
3	5427.00	48.22	54.00	-5.78	43.08	5.14	Average	---	---
4	5427.00	60.62	74.00	-13.38	55.48	5.14	Peak	---	---
5	11570.00	46.22	54.00	-7.78	31.35	14.87	Average	---	---
6	11570.00	60.31	74.00	-13.69	45.44	14.87	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

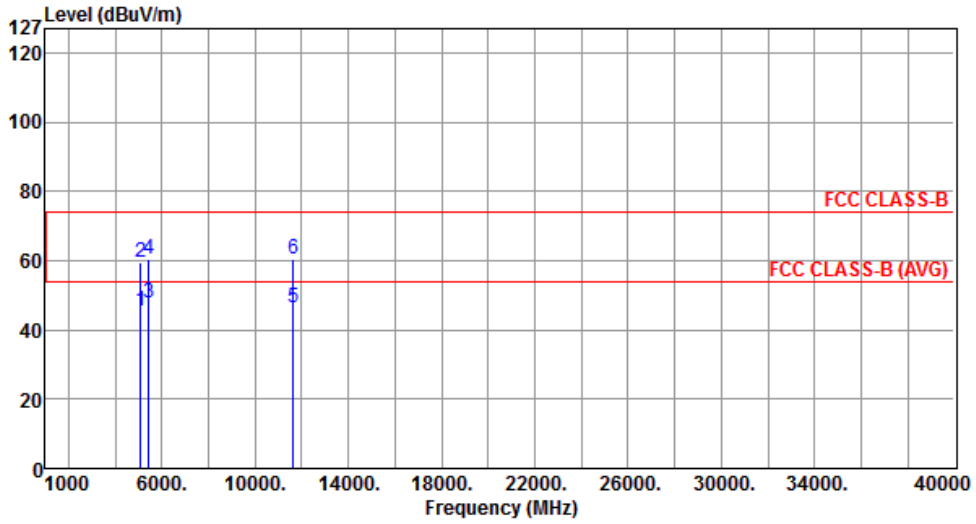
Modulation	VHT20	Test Freq. (MHz)	5825
Polarization	Horizontal	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	41.44	54.00	-12.56	36.61	4.83	Average	---	---
2	5097.00	53.64	74.00	-20.36	48.81	4.83	Peak	---	---
3	5427.00	41.85	54.00	-12.15	36.71	5.14	Average	---	---
4	5427.00	55.37	74.00	-18.63	50.23	5.14	Peak	---	---
5	11650.00	45.23	54.00	-8.77	30.47	14.76	Average	---	---
6	11650.00	59.42	74.00	-14.58	44.66	14.76	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

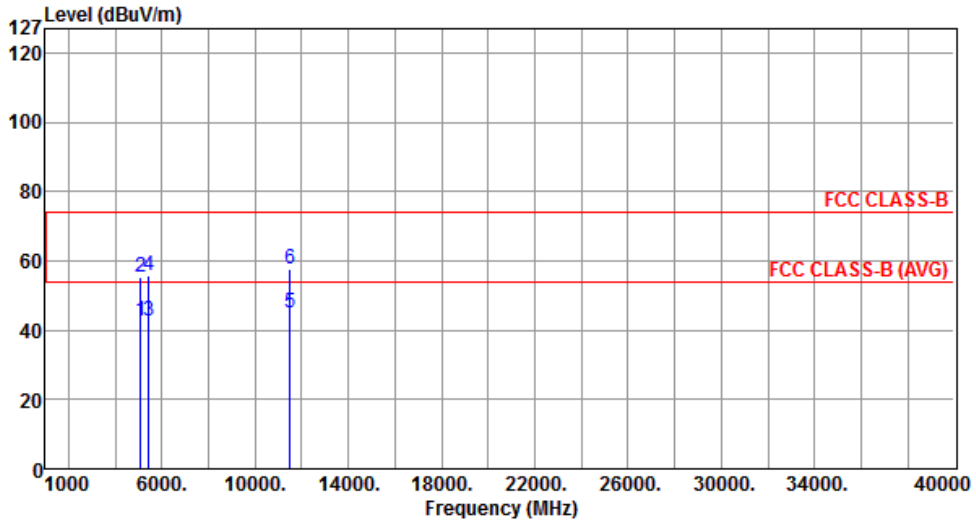
Modulation	VHT20	**Test Freq. (MHz)**	5825
Polarization	Vertical	**Test Configuration**	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	45.61	54.00	-8.39	40.78	4.83	Average	---	---
2	5097.00	59.64	74.00	-14.36	54.81	4.83	Peak	---	---
3	5427.00	47.85	54.00	-6.15	42.71	5.14	Average	---	---
4	5427.00	60.23	74.00	-13.77	55.09	5.14	Peak	---	---
5	11650.00	46.60	54.00	-7.40	31.84	14.76	Average	---	---
6	11650.00	60.22	74.00	-13.78	45.46	14.76	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

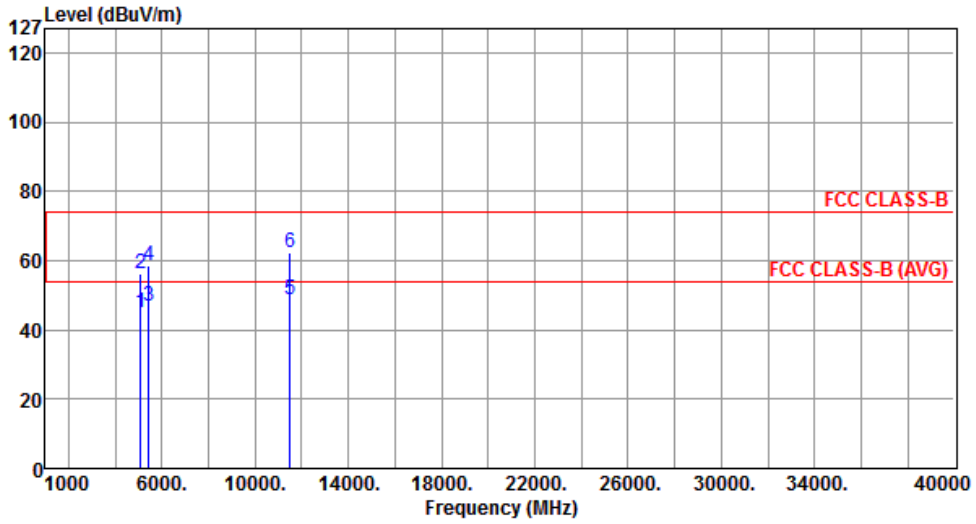
Modulation	VHT20	Test Freq. (MHz)	5745
Polarization	Horizontal	Test Configuration	5



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	42.47	54.00	-11.53	37.64	4.83	Average	---	---
2	5097.00	55.33	74.00	-18.67	50.50	4.83	Peak	---	---
3	5427.00	42.85	54.00	-11.15	37.71	5.14	Average	---	---
4	5427.00	55.71	74.00	-18.29	50.57	5.14	Peak	---	---
5	11490.00	45.14	54.00	-8.86	30.17	14.97	Average	---	---
6	11490.00	57.49	74.00	-16.51	42.52	14.97	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

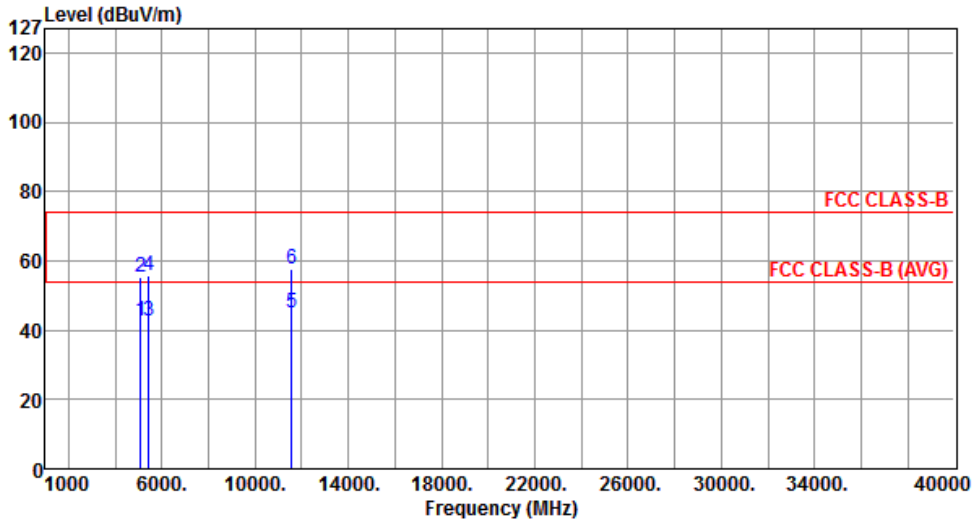
Modulation	VHT20	Test Freq. (MHz)	5745
Polarization	Vertical	Test Configuration	5



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	45.05	54.00	-8.95	40.22	4.83	Average	---	---
2	5097.00	56.46	74.00	-17.54	51.63	4.83	Peak	---	---
3	5427.00	46.69	54.00	-7.31	41.55	5.14	Average	---	---
4	5427.00	58.56	74.00	-15.44	53.42	5.14	Peak	---	---
5	11490.00	48.62	54.00	-5.38	33.65	14.97	Average	---	---
6	11490.00	62.20	74.00	-11.80	47.23	14.97	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

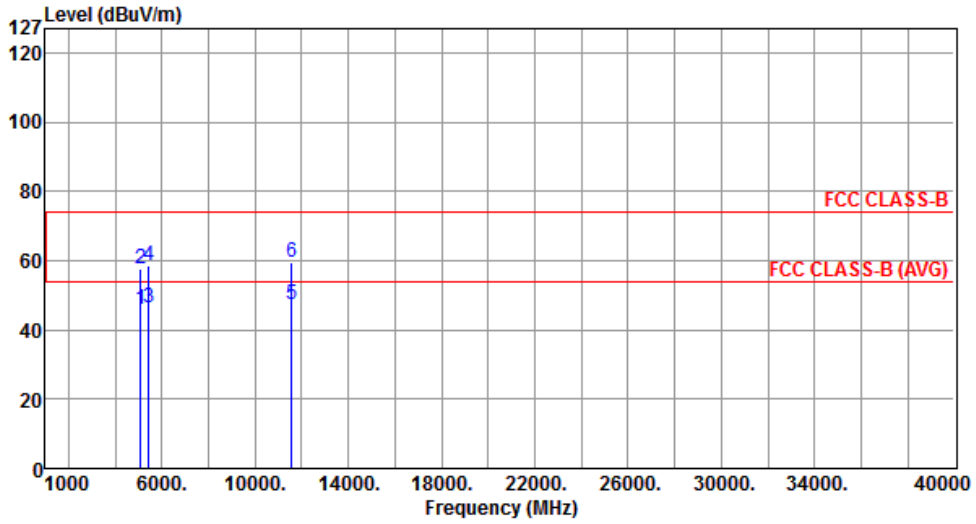
Modulation	VHT20	Test Freq. (MHz)	5785
Polarization	Horizontal	Test Configuration	5



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	42.48	54.00	-11.52	37.65	4.83	Average	---	---
2	5097.00	55.47	74.00	-18.53	50.64	4.83	Peak	---	---
3	5427.00	42.87	54.00	-11.13	37.73	5.14	Average	---	---
4	5427.00	55.76	74.00	-18.24	50.62	5.14	Peak	---	---
5	11570.00	45.21	54.00	-8.79	30.34	14.87	Average	---	---
6	11570.00	57.43	74.00	-16.57	42.56	14.87	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

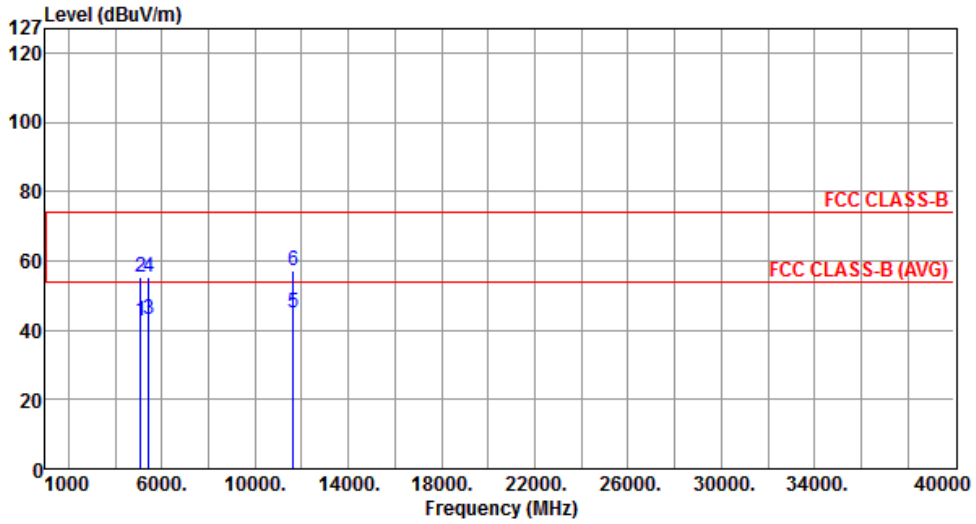
Modulation	VHT20	Test Freq. (MHz)	5785
Polarization	Vertical	Test Configuration	5



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	45.73	54.00	-8.27	40.90	4.83	Average	---	---
2	5097.00	57.50	74.00	-16.50	52.67	4.83	Peak	---	---
3	5427.00	46.20	54.00	-7.80	41.06	5.14	Average	---	---
4	5427.00	58.58	74.00	-15.42	53.44	5.14	Peak	---	---
5	11570.00	47.26	54.00	-6.74	32.39	14.87	Average	---	---
6	11570.00	59.70	74.00	-14.30	44.83	14.87	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

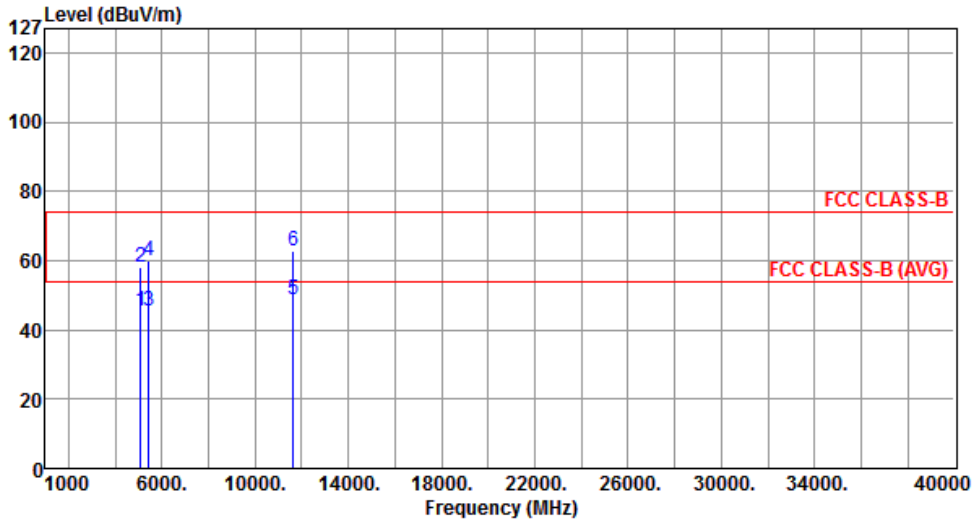
Modulation	VHT20	Test Freq. (MHz)	5825
Polarization	Horizontal	Test Configuration	5



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	42.48	54.00	-11.52	37.65	4.83	Average	---	---
2	5097.00	55.36	74.00	-18.64	50.53	4.83	Peak	---	---
3	5427.00	42.90	54.00	-11.10	37.76	5.14	Average	---	---
4	5427.00	55.52	74.00	-18.48	50.38	5.14	Peak	---	---
5	11650.00	45.16	54.00	-8.84	30.40	14.76	Average	---	---
6	11650.00	57.19	74.00	-16.81	42.43	14.76	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

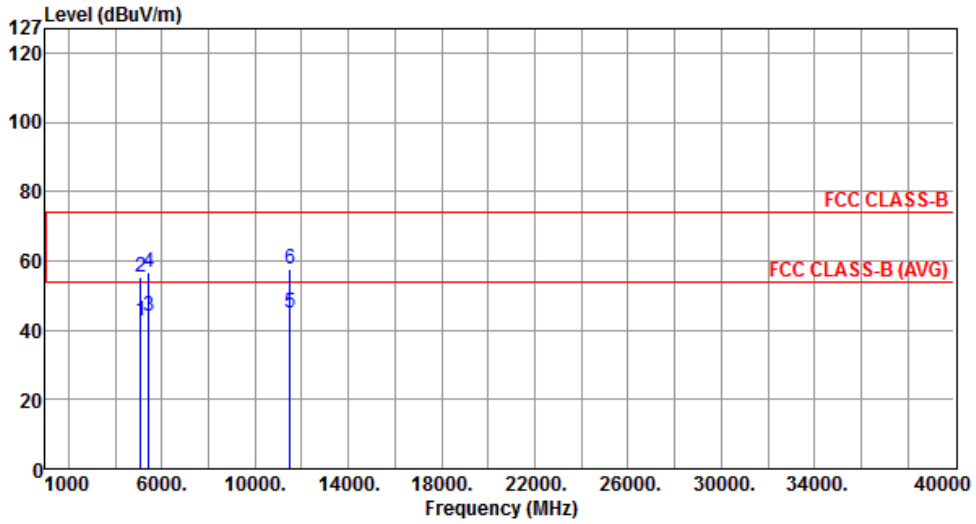
Modulation	VHT20	**Test Freq. (MHz)**	5825
Polarization	Vertical	**Test Configuration**	5



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	45.46	54.00	-8.54	40.63	4.83	Average	---	---
2	5097.00	58.13	74.00	-15.87	53.30	4.83	Peak	---	---
3	5427.00	45.69	54.00	-8.31	40.55	5.14	Average	---	---
4	5427.00	59.81	74.00	-14.19	54.67	5.14	Peak	---	---
5	11650.00	48.91	54.00	-5.09	34.15	14.76	Average	---	---
6	11650.00	62.60	74.00	-11.40	47.84	14.76	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

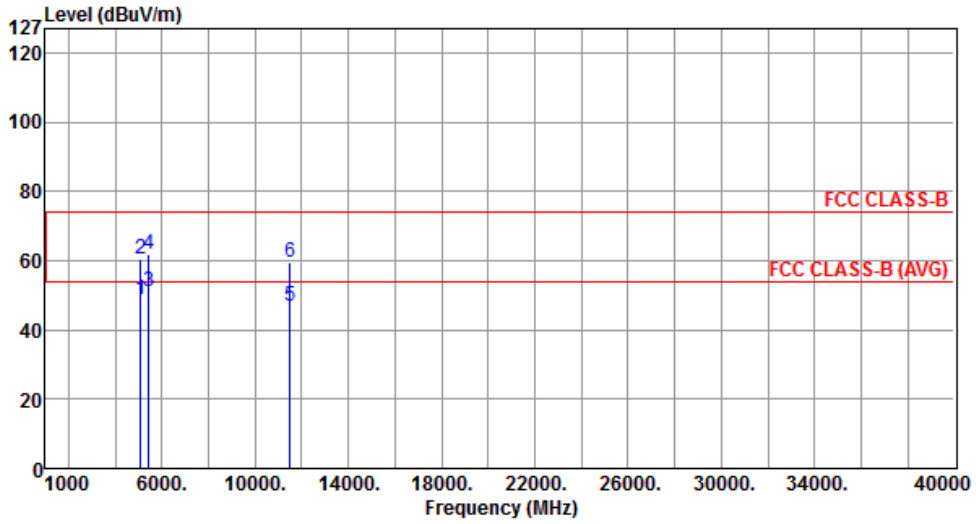
Modulation	VHT20	Test Freq. (MHz)	5745
Polarization	Horizontal	Test Configuration	6



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	42.67	54.00	-11.33	37.84	4.83	Average	---	---
2	5097.00	55.31	74.00	-18.69	50.48	4.83	Peak	---	---
3	5427.00	43.85	54.00	-10.15	38.71	5.14	Average	---	---
4	5427.00	56.78	74.00	-17.22	51.64	5.14	Peak	---	---
5	11490.00	44.96	54.00	-9.04	29.99	14.97	Average	---	---
6	11490.00	57.45	74.00	-16.55	42.48	14.97	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

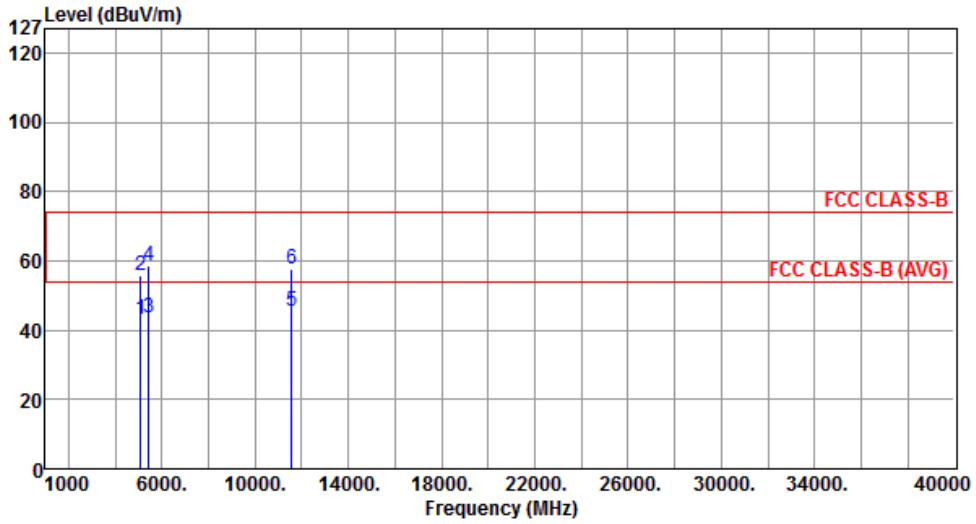
Modulation	VHT20	Test Freq. (MHz)	5745
Polarization	Vertical	Test Configuration	6



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	48.58	54.00	-5.42	43.75	4.83	Average	---	---
2	5097.00	60.23	74.00	-13.77	55.40	4.83	Peak	---	---
3	5427.00	50.96	54.00	-3.04	45.82	5.14	Average	---	---
4	5427.00	62.03	74.00	-11.97	56.89	5.14	Peak	---	---
5	11490.00	46.83	54.00	-7.17	31.86	14.97	Average	---	---
6	11490.00	59.55	74.00	-14.45	44.58	14.97	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

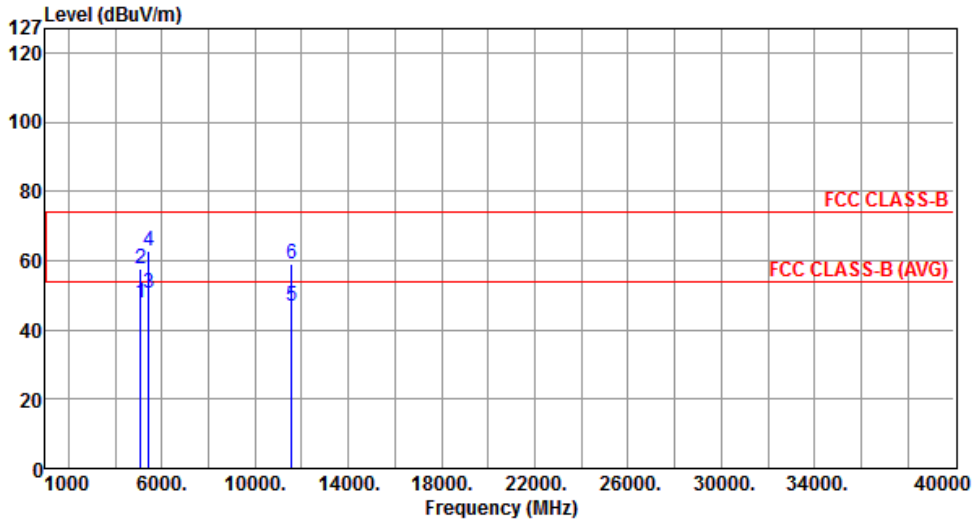
Modulation	VHT20	Test Freq. (MHz)	5785
Polarization	Horizontal	Test Configuration	6



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	43.24	54.00	-10.76	38.41	4.83	Average	---	---
2	5097.00	55.73	74.00	-18.27	50.90	4.83	Peak	---	---
3	5427.00	43.78	54.00	-10.22	38.64	5.14	Average	---	---
4	5427.00	58.40	74.00	-15.60	53.26	5.14	Peak	---	---
5	11570.00	45.29	54.00	-8.71	30.42	14.87	Average	---	---
6	11570.00	57.84	74.00	-16.16	42.97	14.87	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

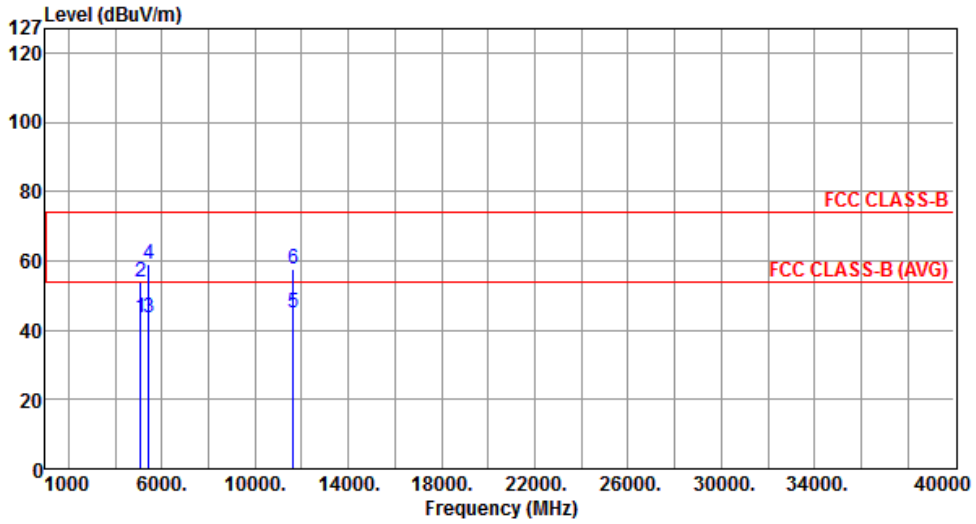
Modulation	VHT20	Test Freq. (MHz)	5785
Polarization	Vertical	Test Configuration	6



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	47.65	54.00	-6.35	42.82	4.83	Average	---	---
2	5097.00	57.46	74.00	-16.54	52.63	4.83	Peak	---	---
3	5427.00	50.42	54.00	-3.58	45.28	5.14	Average	---	---
4	5427.00	62.91	74.00	-11.09	57.77	5.14	Peak	---	---
5	11570.00	46.93	54.00	-7.07	32.06	14.87	Average	---	---
6	11570.00	59.09	74.00	-14.91	44.22	14.87	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

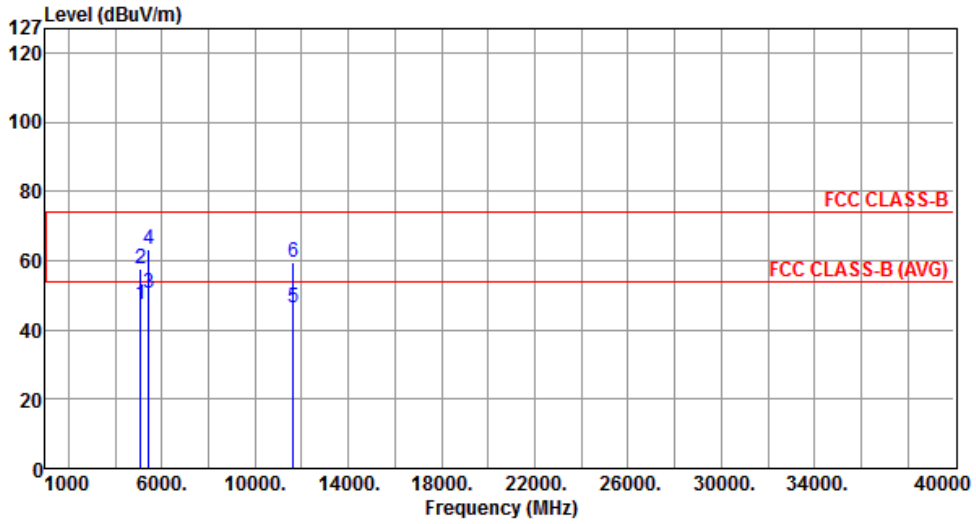
Modulation	VHT20	Test Freq. (MHz)	5825
Polarization	Horizontal	Test Configuration	6



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	43.43	54.00	-10.57	38.60	4.83	Average	---	---
2	5097.00	54.10	74.00	-19.90	49.27	4.83	Peak	---	---
3	5427.00	43.80	54.00	-10.20	38.66	5.14	Average	---	---
4	5427.00	58.85	74.00	-15.15	53.71	5.14	Peak	---	---
5	11650.00	45.17	54.00	-8.83	30.41	14.76	Average	---	---
6	11650.00	57.62	74.00	-16.38	42.86	14.76	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	VHT20	Test Freq. (MHz)	5825
Polarization	Vertical	Test Configuration	6



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	47.50	54.00	-6.50	42.67	4.83	Average	---	---
2	5097.00	57.63	74.00	-16.37	52.80	4.83	Peak	---	---
3	5427.00	50.42	54.00	-3.58	45.28	5.14	Average	---	---
4	5427.00	63.10	74.00	-10.90	57.96	5.14	Peak	---	---
5	11650.00	46.57	54.00	-7.43	31.81	14.76	Average	---	---
6	11650.00	59.34	74.00	-14.66	44.58	14.76	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).