FCC C2PC 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**
Standard	:	**47 CFR FCC Part 15.407**
Received Date	:	**Sep. 30, 2015**
Tested Date	:	**Sep. 30 ~ Nov. 06, 2015**

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
FR382401-02AN	Rev. 01	Initial issue	Dec. 03, 2015
FR382401-02AN	Rev. 02	Modified type error of section 3.3.1	Feb. 15, 2016

Summary of Test Results

FCC Rules	Test Items	Measured	Result
15.207	Conducted Emissions	[dBuV]: 4.822MHz 36.86 (Margin -9.14dB) - AV	Pass
15.407(b) 15.209	Radiated Emissions	[dBuV/m at 3m]: 5725.00MHz 77.20 (Margin -1.00dB) - PK	Pass
15.407(a)	Emission Bandwidth	Meet the requirement of limit	Pass
15.407(e)	6dB bandwidth	Meet the requirement of limit	Pass
15.407(a)	RF Output Power	Max Power [dBm]: 5150-5250MHz: 28.12 5725-5850MHz: 26.68	Pass
15.407(a)	Peak Power Spectral Density	Meet the requirement of limit	Pass
15.407(g)	Frequency Stability	Meet the requirement of limit	Pass
15.203	Antenna Requirement	Meet the requirement of limit	Pass

1 General Description

1.1 Information

This report is issued as a FCC Class II Permissive Change for complying with New U-NII rule requirement. In this test report, all test items has been re-tested and its data was recorded in the following sections.

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**
5150-5250	a	5180-5240	36-48 [4]	3	6-54 Mbps
5150-5250	n (HT20)	5180-5240	36-48 [4]	3	MCS 0-23
5150-5250	n (HT40)	5190-5230	38-46 [2]	3	MCS 0-23
5150-5250	ac (VHT20)	5180-5240	36-48 [4]	3	MCS 0-9
5150-5250	ac (VHT40)	5190-5230	38-46 [2]	3	MCS 0-9
5150-5250	ac (VHT80)	5210	42 [1]	3	MCS 0-9
Note 1: RF output power specifies that Maximum Conducted Output Power. Note 2: 802.11a/n/ac uses a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.					

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	ac (VHT20)	5745-5825	149-165 [5]	3	MCS 0-8
5725-5850	ac (VHT40)	5755-5795	151-159 [2]	3	MCS 0-9
5725-5850	ac (VHT80)	5775	155 [1]	3	MCS 0-9
Note 1: RF output power specifies that Maximum Conducted Output Power. Note 2: 802.11a/n/ac uses a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.					

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 Power Supply Type of Equipment under Test (EUT)

Power Supply Type	3.3Vdc from host

1.1.4 Accessories

N/A

1.1.5 Channel List

For Frequency band 5150-5250 MHz			
802.11 a / HT20 / VHT20		HT40 / VHT40	
Channel	Frequency(MHz)	Channel	Frequency(MHz)
36	5180	38	5190
40	5200	46	5230
44	5220	VHT 80	
48	5240	42	5210

For Frequency band 5725~5850 MHz			
802.11 a / HT20 / VHT20		HT40 / VHT40	
Channel	Frequency(MHz)	Channel	Frequency(MHz)
149	5745	151	5755
153	5765	159	5795
157	5785	VHT80	
161	5805	155	5775
165	5825	---	---

1.1.6 Test Tool and Duty Cycle

Test Tool	ART2-GUI, version 2.3		
Duty Cycle and Duty Factor	Mode	Duty cycle (%)	Duty factor (dB)
	11a	98.26%	0.08
	VHT20	98.15%	0.08
	VHT40	95.61%	0.20
	VHT80	89.89%	0.46

1.1.7 Power Setting

For Frequency band 5150-5250 MHz							
Modulation Mode	**Test Frequency (MHz)**	**Ant 1**	**Ant 2**	**Ant 3**	**Ant 4**	**Ant 5**	**Ant 6**
11a	5180	19	19	16	19	20	18.5
11a	5200	23	20	20	20	24	20.5
11a	5240	23	20	20.5	20	24	20.5
HT20	5180	19	19	15	19	20	18
HT20	5200	23.5	19.5	20	19.5	24	20.5
HT20	5240	23	20	21	20	24.5	20.5
HT40	5190	15.5	13	10	13	13.5	12.5
HT40	5230	22	22	20	22	22	22
VHT20	5180	19	19	15	19	20	18
VHT20	5200	23.5	19.5	20	19.5	24	20.5
VHT20	5240	23	20	21	20	24.5	20.5
VHT40	5190	15.5	13	10	13	13.5	12.5
VHT40	5230	22	22	20	22	22	22
VHT80	5210	11.5	11	8.5	12	12	11

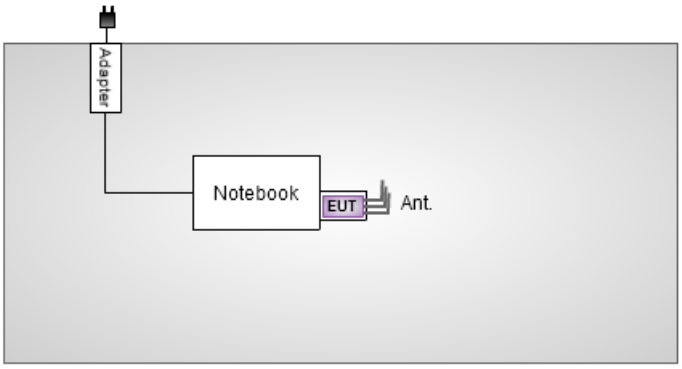
For Frequency band 5725~5850 MHz							
Modulation Mode	**Test Frequency (MHz)**	**Ant 1**	**Ant 2**	**Ant 3**	**Ant 4**	**Ant 5**	**Ant 6**
11a	5745	18.5	19	16	19	18	18.5
11a	5785	23	19	23	23	23	23
11a	5825	20	18.5	18	20.5	20	19.5
HT20	5745	18	19	15	18.5	18	17.5
HT20	5785	23	19.5	22	23	23	23
HT20	5825	19.5	18.5	17	20	20	19.5
HT40	5755	18	14	9	13.5	13	12
HT40	5795	19	20	19	20.5	20	20
VHT20	5745	18	19	15	18.5	18	17.5
VHT20	5785	23	19.5	22	23	23	23
VHT20	5825	19.5	18.5	17	20	20	19.5
VHT40	5755	12	14	9	13.5	13	12
VHT40	5795	19	20	19	20.5	20	20
VHT80	5775	10.5	10.5	8	11	11	10.5

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)				
Tested Date	Nov. 06, 2015				
Instrument	**Manufacturer**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
EMC Receiver	R&S	ESCS 30	100169	Oct. 21, 2015	Oct. 20, 2016
LISN	SCHWARZBECK	Schwarzbeck 8127	8127-667	Nov. 17, 2014	Nov. 16, 2015
RF Cable-CON	Woken	CFD200-NL	CFD200-NL-001	Dec. 31, 2014	Dec. 30, 2015
Measurement Software	AUDIX	e3	6.120210k	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

Test Item	Radiated Emission below 1GHz test				
Test Site	966 chamber 3 / (03CH03-WS)				
Tested Date	Oct. 28, 2015				
Instrument	**Manufacturer**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
Receiver	Agilent	N9038A	MY53290044	Oct. 14, 2015	Oct. 13, 2016
Bilog Antenna	SCHWARZBECK	VULB9168	VULB9168-562	Jan. 19, 2015	Jan. 18, 2016
Loop Antenna	R&S	HFH2-Z2	11900	Nov. 10, 2014	Nov. 09, 2015
RF cable-1M	HUBER+SUHNER	SUCOFLEX104	MY22624/4	Feb. 09, 2015	Feb. 08, 2016
LF cable-0.8M	EMC	EMC8D-NM-NM-800	EMC8D-NM-NM-800-001	Feb. 09, 2015	Feb. 08, 2016
LF cable-3M	EMC	EMC8D-NM-NM-3000	131103	Feb. 09, 2015	Feb. 08, 2016
Measurement Software	AUDIX	e3	6.120210g	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

Test Item	Radiated Emission above 1GHz test				
Test Site	966 chamber 3 / (03CH03-WS)				
Tested Date	Sep. 30 ~ Oct. 13, 2015				
Instrument	**Manufacturer**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
Spectrum Analyzer	Agilent	N9010A	MY53400091	Sep. 14, 2015	Sep. 13, 2016
Horn Antenna 1G-18G	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1206	Feb. 03, 2015	Feb. 02, 2016
Horn Antenna 18G-40G	SCHWARZBECK	BBHA 9170	BBHA 9170517	Nov. 10, 2014	Nov. 09, 2015
Preamplifier	EMC	EMC02325	980187	Sep. 21, 2015	Sep. 20, 2016
Preamplifier	Agilent	83017A	MY53270014	Sep. 07, 2015	Sep. 06, 2016
Preamplifier	EMC	EMC184045B	980192	Sep. 01, 2015	Aug. 31, 2016
RF cable-3M	HUBER+SUHNER	SUCOFLEX104	MY22620/4	Feb. 09, 2015	Feb. 08, 2016
RF cable-8M	HUBER+SUHNER	SUCOFLEX104	MY22601/4	Feb. 09, 2015	Feb. 08, 2016
Measurement Software	AUDIX	e3	6.120210g	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

Test Item	RF Conducted				
Test Site	(TH01-WS)				
Tested Date	Oct. 26 ~ Nov. 06, 2015				
Instrument	Manufacturer	Model No.	Serial No.	Calibration Date	Calibration Until
Spectrum Analyzer	R&S	FSV40	101063	Feb. 03, 2015	Feb. 02, 2016
TEMP&HUMIDITY CHAMBER	GIANT FORCE	GCT-225-40-SP-SD	MAF1212-002	Dec. 03, 2014	Dec. 02, 2015
Power Meter	Anritsu	ML2495A	1241002	Sep. 21, 2015	Sep. 20, 2016
Power Sensor	Anritsu	MA2411B	1207366	Sep. 21, 2015	Sep. 20, 2016
Measurement Software	Sporton	Sporton_1	1.3.30	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

1.5 Testing Applied Standards

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

47 CFR FCC Part 15.407
ANSI C63.10-2013
FCC KDB 789033 D02 General UNII Test Procedures New Rules v01
FCC KDB 644545 D03 Guidance for IEEE 802 11ac New Rules v01
FCC KDB 662911 D01 Multiple Transmitter Output v02r01
FCC KDB 412172 D01 Determining ERP and EIRP v01r01

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	±34.134 Hz
Conducted power	±0.808 dB
Frequency error	±34.134 Hz
Power density	±0.463 dB
Conducted emission	±2.670 dB
AC conducted emission	±2.92 dB
Radiated emission ≤ 1GHz	±3.99 dB
Radiated emission > 1GHz	±5.52 dB
Time	±0.1%
Temperature	±0.6 °C

2 Test Configuration

2.1 Testing Condition

Test Item	Test Site	Ambient Condition	Tested By
AC Conduction	CO01-WS	23°C / 55%	Peter Lin
Radiated Emissions	03CH03-WS	23-25°C / 61-68%	Anderson Hung
RF Conducted	TH01-WS	21-24°C / 64-65%	Alex Huang

- FCC site registration No.: 390588
- IC site registration No.: 10807C-1

2.2 The Worst Test Modes and Channel Details

For Frequency band 5150-5250 MHz				
Test item	**Modulation Mode**	**Test Frequency (MHz)**	**Data Rate (Mbps) / MCS**	**Test Configuration**
Conducted Emissions Radiated Emissions ≤1GHz	VHT20 VHT40 VHT20 VHT40 11a VHT40	5200 5230 5240 5230 5200 5230	MCS 0 MCS 0 MCS 0 MCS 0 6 Mbps MCS 0	1 2 3 4 5 6
RF Output Power	11a HT20 HT40 VHT20 VHT40 VHT80	5180 / 5200 / 5240 5180 / 5200 / 5240 5190 / 5230 5180 / 5200 / 5240 5190 / 5230 5210	6 Mbps MCS 0 MCS 0 MCS 0 MCS 0 MCS 0	1, 2, 3, 4, 5, 6
Radiated Emissions >1GHz Emission Bandwidth Peak Power Spectral Density	11a VHT20 VHT40 VHT80	5180 / 5200 / 5240 5180 / 5200 / 5240 5190 / 5230 5210	6 Mbps MCS 0 MCS 0 MCS 0	1, 2, 3, 4, 5, 6
Frequency Stability	Un-modulation	5200	---	---

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

For Frequency band 5725-5850 MHz				
Test item	**Modulation Mode**	**Test Frequency (MHz)**	**Data Rate (Mbps) / MCS**	**Test Configuration**
Conducted Emissions Radiated Emissions ≤1GHz	11a VHT40 11a 11a 11a 11a	5785 5795 5785 5785 5785 5785	6 Mbps MCS 0 6 Mbps 6 Mbps 6 Mbps 6 Mbps	1 2 3 4 5 6
RF 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, 2, 3, 4, 5, 6
Radiated Emissions >1GHz Emission Bandwidth 6dB bandwidth Peak Power Spectral Density	11a VHT20 VHT40 VHT80	5745 / 5785 / 5825 5745 / 5785 / 5825 5755 / 5795 5775	6 Mbps MCS 0 MCS 0 MCS 0	1, 2, 3, 4, 5, 6
Frequency Stability	Un-modulation	5785	---	---

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

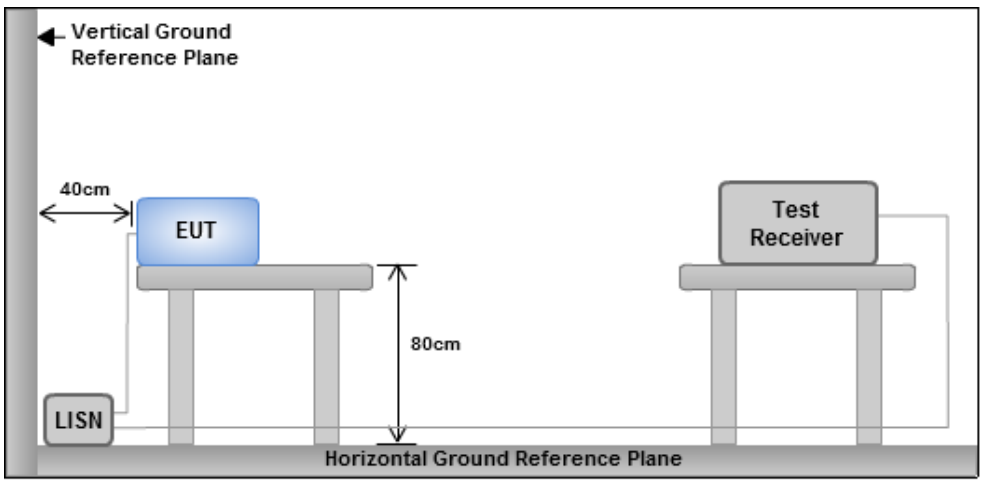
3.1.1 Limit of Conducted Emissions

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



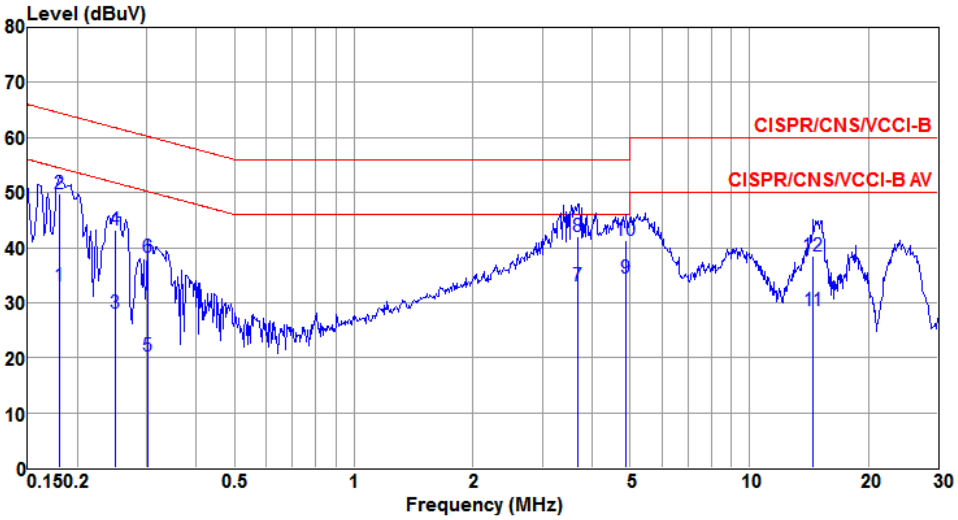
Note: 1. Support units were connected to second LISN.

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

Test Configuration 1: Dipole antenna with 3dBi gain

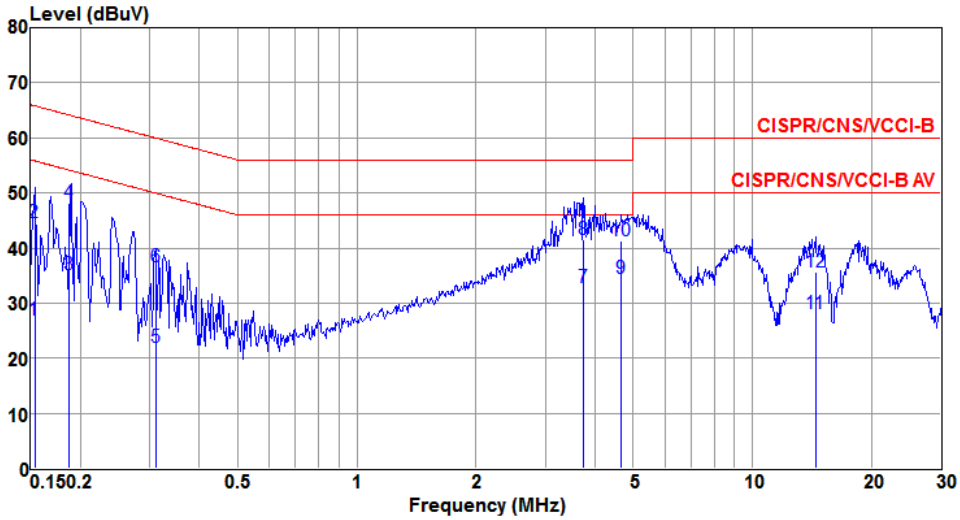
Modulation	VHT20	Test Freq. (MHz)	5200
Power Phase	Line	Test Configuration	1



	Freq	Level	Limit Line	Over Limit	Read Level	LISN factor	cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1	0.180	32.97	54.49	-21.52	32.81	0.07	0.09	Average
2	0.180	49.91	64.49	-14.58	49.75	0.07	0.09	QP
3	0.249	28.08	51.78	-23.70	27.91	0.07	0.10	Average
4	0.249	43.23	61.78	-18.55	43.06	0.07	0.10	QP
5	0.300	20.27	50.24	-29.97	20.10	0.07	0.10	Average
6	0.300	38.14	60.24	-22.10	37.97	0.07	0.10	QP
7	3.681	33.09	46.00	-12.91	32.67	0.12	0.30	Average
8	3.681	41.96	56.00	-14.04	41.54	0.12	0.30	QP
9@	4.874	34.55	46.00	-11.45	34.10	0.14	0.31	Average
10	4.874	41.26	56.00	-14.74	40.81	0.14	0.31	QP
11	14.517	28.57	50.00	-21.43	28.09	0.27	0.21	Average
12	14.517	38.41	60.00	-21.59	37.93	0.27	0.21	QP

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

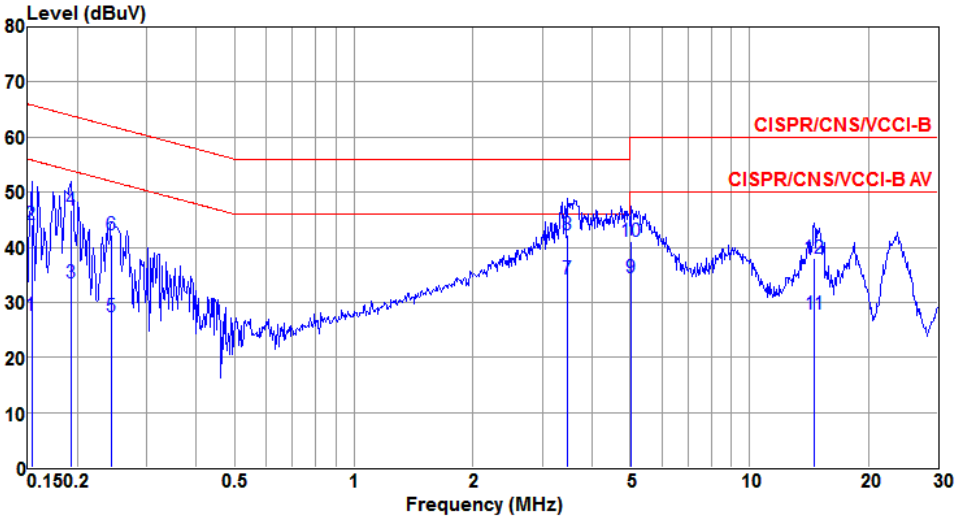
Modulation	VHT20	Test Freq. (MHz)	5200
Power Phase	Neutral	Test Configuration	1



	Freq	Level	Limit Line	Over Limit	Read Level	LISN factor	cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1	0.153	26.91	55.82	-28.91	26.76	0.07	0.08	Average
2	0.153	44.54	65.82	-21.28	44.39	0.07	0.08	QP
3	0.187	35.14	54.18	-19.04	34.98	0.07	0.09	Average
4	0.187	48.25	64.18	-15.93	48.09	0.07	0.09	QP
5	0.310	22.03	49.97	-27.94	21.86	0.07	0.10	Average
6	0.310	36.69	59.97	-23.28	36.52	0.07	0.10	QP
7	3.740	32.93	46.00	-13.07	32.50	0.13	0.30	Average
8	3.740	41.61	56.00	-14.39	41.18	0.13	0.30	QP
9@	4.672	34.58	46.00	-11.42	34.12	0.15	0.31	Average
10	4.672	41.30	56.00	-14.70	40.84	0.15	0.31	QP
11	14.440	27.99	50.00	-22.01	27.49	0.29	0.21	Average
12	14.440	35.61	60.00	-24.39	35.11	0.29	0.21	QP

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

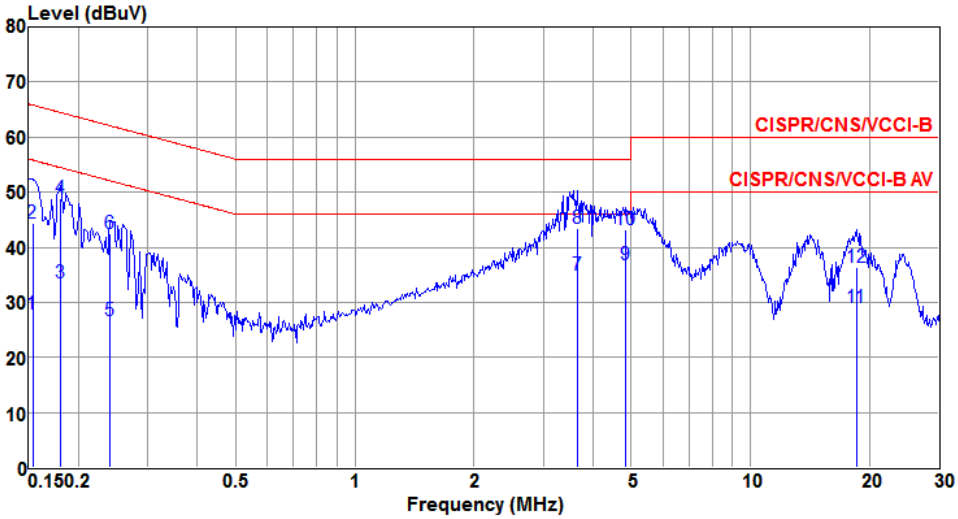
Modulation	11a	Test Freq. (MHz)	5785
Power Phase	Line	Test Configuration	1



	Freq	Level	Limit Line	Over Limit	Read Level	LISN factor	cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1	0.153	27.64	55.82	-28.18	27.49	0.07	0.08	Average
2	0.153	44.18	65.82	-21.64	44.03	0.07	0.08	QP
3	0.192	33.61	53.93	-20.32	33.45	0.07	0.09	Average
4	0.192	46.76	63.93	-17.17	46.60	0.07	0.09	QP
5	0.244	27.50	51.95	-24.45	27.33	0.07	0.10	Average
6	0.244	42.14	61.95	-19.81	41.97	0.07	0.10	QP
7@	3.472	34.21	46.00	-11.79	33.79	0.12	0.30	Average
8	3.472	42.32	56.00	-13.68	41.90	0.12	0.30	QP
9	5.031	34.55	50.00	-15.45	34.10	0.14	0.31	Average
10	5.031	41.18	60.00	-18.82	40.73	0.14	0.31	QP
11	14.594	27.97	50.00	-22.03	27.49	0.27	0.21	Average
12	14.594	37.92	60.00	-22.08	37.44	0.27	0.21	QP

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

Modulation	11a	Test Freq. (MHz)	5785
Power Phase	Neutral	Test Configuration	1

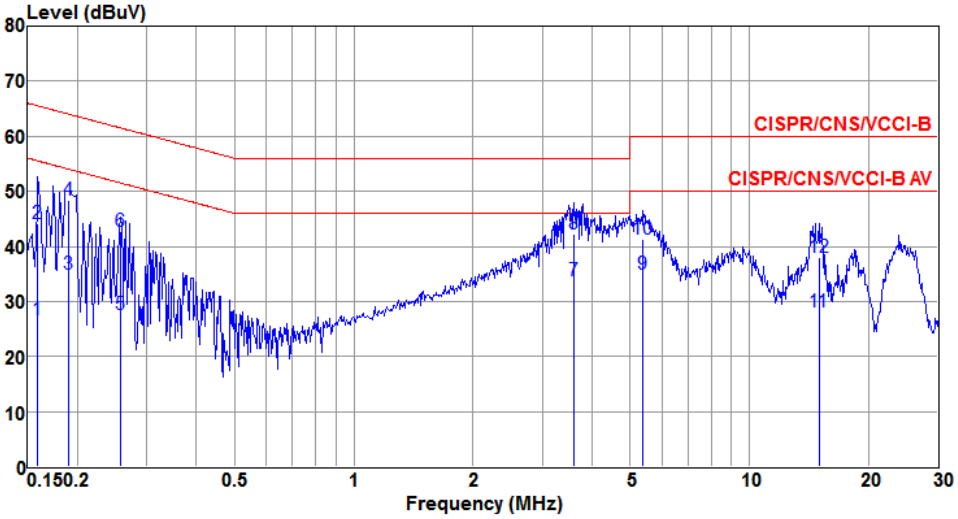


	Freq	Level	Limit Line	Over Limit	Read Level	LISN factor	cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1	0.153	27.87	55.82	-27.95	27.72	0.07	0.08	Average
2	0.153	44.42	65.82	-21.40	44.27	0.07	0.08	QP
3	0.181	33.60	54.46	-20.86	33.44	0.07	0.09	Average
4	0.181	48.79	64.46	-15.67	48.63	0.07	0.09	QP
5	0.240	26.72	52.08	-25.36	26.55	0.07	0.10	Average
6	0.240	42.40	62.08	-19.68	42.23	0.07	0.10	QP
7	3.642	34.94	46.00	-11.06	34.51	0.13	0.30	Average
8	3.642	43.47	56.00	-12.53	43.04	0.13	0.30	QP
9@	4.822	36.86	46.00	-9.14	36.40	0.15	0.31	Average
10	4.822	43.17	56.00	-12.83	42.71	0.15	0.31	QP
11	18.524	28.93	50.00	-21.07	28.53	0.33	0.07	Average
12	18.524	36.45	60.00	-23.55	36.05	0.33	0.07	QP

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

Test Configuration 2: PIFA antenna with 6dBi gain

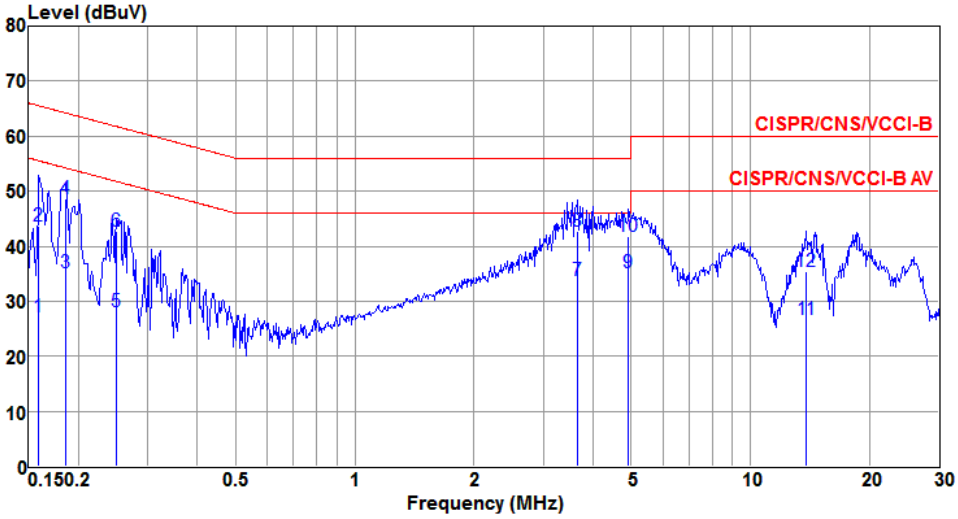
Modulation	VHT40	Test Freq. (MHz)	5230
Power Phase	Line	Test Configuration	2



	Freq	Level	Limit Line	Over Limit	Read Level	LISN factor	cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1	0.159	26.61	55.52	-28.91	26.46	0.07	0.08	Average
2	0.159	44.15	65.52	-21.37	44.00	0.07	0.08	QP
3	0.189	35.02	54.06	-19.04	34.86	0.07	0.09	Average
4	0.189	48.42	64.06	-15.64	48.26	0.07	0.09	QP
5	0.256	27.74	51.56	-23.82	27.57	0.07	0.10	Average
6	0.256	42.73	61.56	-18.83	42.56	0.07	0.10	QP
7@	3.603	33.71	46.00	-12.29	33.29	0.12	0.30	Average
8	3.603	42.30	56.00	-13.70	41.88	0.12	0.30	QP
9	5.390	34.94	50.00	-15.06	34.48	0.15	0.31	Average
10	5.390	41.20	60.00	-18.80	40.74	0.15	0.31	QP
11	14.986	28.10	50.00	-21.90	27.63	0.27	0.20	Average
12	14.986	37.90	60.00	-22.10	37.43	0.27	0.20	QP

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

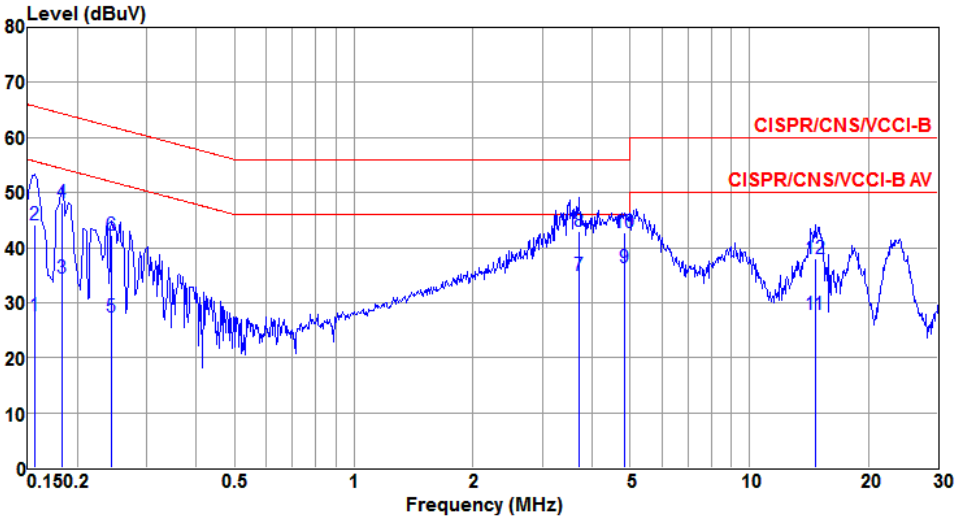
Modulation	VHT40	Test Freq. (MHz)	5230
Power Phase	Neutral	Test Configuration	2



	Freq	Level	Limit Line	Over Limit	Read Level	LISN factor	cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1	0.159	27.17	55.52	-28.35	27.02	0.07	0.08	Average
2	0.159	43.69	65.52	-21.83	43.54	0.07	0.08	QP
3	0.186	35.26	54.20	-18.94	35.10	0.07	0.09	Average
4	0.186	48.55	64.20	-15.65	48.39	0.07	0.09	QP
5	0.249	28.14	51.78	-23.64	27.97	0.07	0.10	Average
6	0.249	42.61	61.78	-19.17	42.44	0.07	0.10	QP
7	3.661	33.85	46.00	-12.15	33.42	0.13	0.30	Average
8	3.661	42.72	56.00	-13.28	42.29	0.13	0.30	QP
9@	4.926	35.16	46.00	-10.84	34.70	0.15	0.31	Average
10	4.926	41.71	56.00	-14.29	41.25	0.15	0.31	QP
11	13.841	26.76	50.00	-23.24	26.26	0.28	0.22	Average
12	13.841	35.33	60.00	-24.67	34.83	0.28	0.22	QP

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

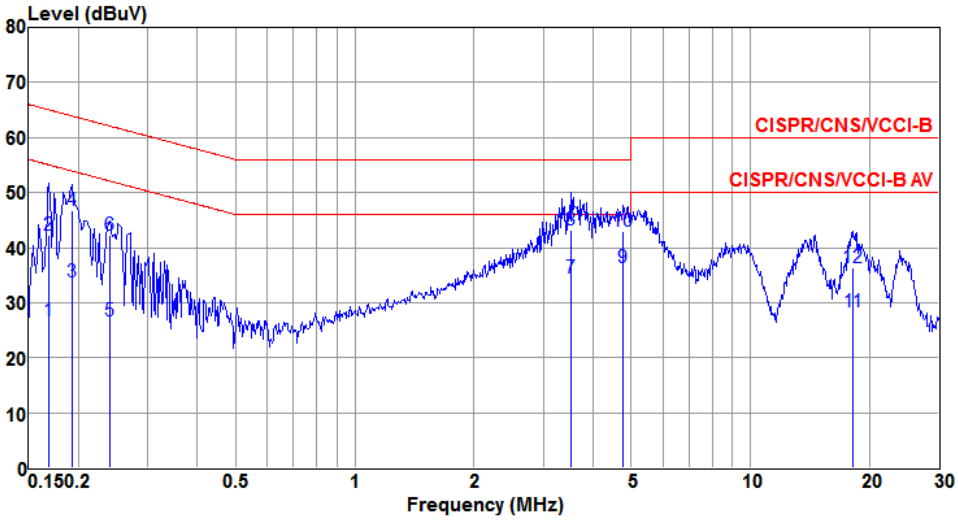
Modulation	VHT40	Test Freq. (MHz)	5795
Power Phase	Line	Test Configuration	2



	Freq	Level	Limit Line	Over Limit	Read Level	LISN factor	cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1	0.156	27.61	55.65	-28.04	27.46	0.07	0.08	Average
2	0.156	44.03	65.65	-21.62	43.88	0.07	0.08	QP
3	0.183	34.53	54.33	-19.80	34.37	0.07	0.09	Average
4	0.183	48.19	64.33	-16.14	48.03	0.07	0.09	QP
5	0.244	27.50	51.95	-24.45	27.33	0.07	0.10	Average
6	0.244	42.20	61.95	-19.75	42.03	0.07	0.10	QP
7	3.720	34.94	46.00	-11.06	34.52	0.12	0.30	Average
8	3.720	42.85	56.00	-13.15	42.43	0.12	0.30	QP
9@	4.822	36.32	46.00	-9.68	35.87	0.14	0.31	Average
10	4.822	42.80	56.00	-13.20	42.35	0.14	0.31	QP
11	14.672	27.87	50.00	-22.13	27.39	0.27	0.21	Average
12	14.672	37.97	60.00	-22.03	37.49	0.27	0.21	QP

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

Modulation	VHT40	Test Freq. (MHz)	5795
Power Phase	Neutral	Test Configuration	2

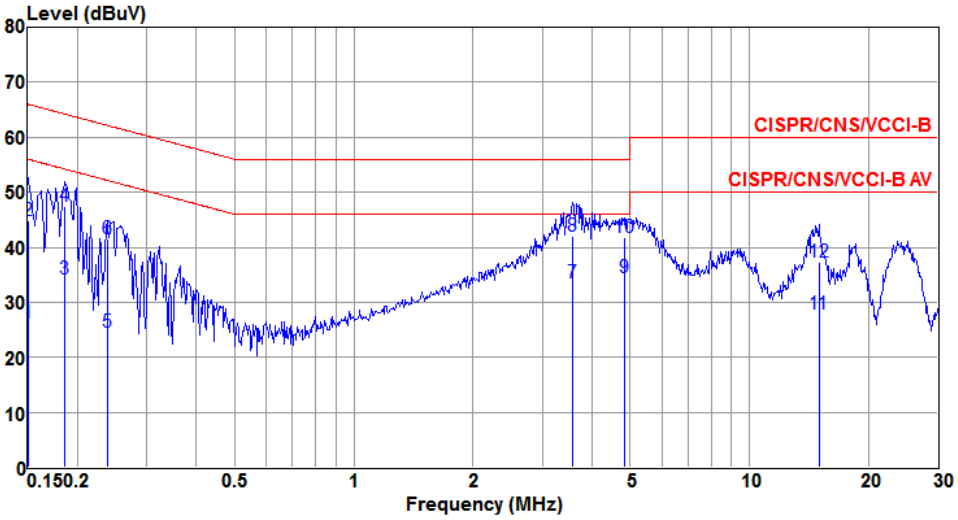


	Freq	Level	Limit Line	Over Limit	Read Level	LISN factor	cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1	0.169	26.77	55.03	-28.26	26.62	0.07	0.08	Average
2	0.169	42.25	65.03	-22.78	42.10	0.07	0.08	QP
3	0.192	33.84	53.93	-20.09	33.68	0.07	0.09	Average
4	0.192	46.76	63.93	-17.17	46.60	0.07	0.09	QP
5	0.240	26.78	52.08	-25.30	26.61	0.07	0.10	Average
6	0.240	42.36	62.08	-19.72	42.19	0.07	0.10	QP
7	3.509	34.45	46.00	-11.55	34.03	0.12	0.30	Average
8	3.509	43.08	56.00	-12.92	42.66	0.12	0.30	QP
9@	4.772	36.27	46.00	-9.73	35.81	0.15	0.31	Average
10	4.772	43.02	56.00	-12.98	42.56	0.15	0.31	QP
11	18.232	28.44	50.00	-21.56	28.03	0.33	0.08	Average
12	18.232	36.44	60.00	-23.56	36.03	0.33	0.08	QP

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

Test Configuration 3: Panel antenna with 5.5dBi gain

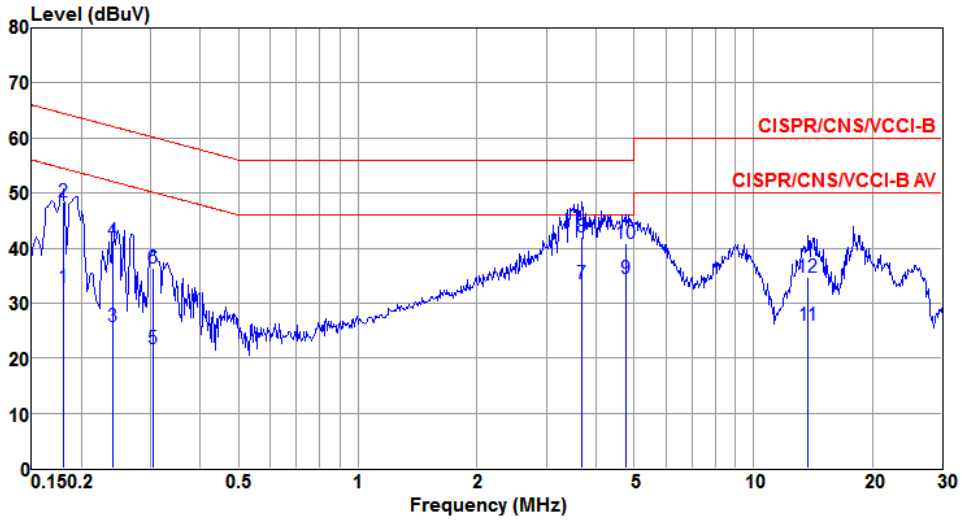
Modulation	VHT20	Test Freq. (MHz)	5240
Power Phase	Line	Test Configuration	3



	Freq	Level	Limit Line	Over Limit	Read Level	LISN factor	cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1	0.150	26.30	56.00	-29.70	26.15	0.07	0.08	Average
2	0.150	44.77	66.00	-21.23	44.62	0.07	0.08	QP
3	0.186	34.24	54.20	-19.96	34.08	0.07	0.09	Average
4	0.186	47.41	64.20	-16.79	47.25	0.07	0.09	QP
5	0.238	24.64	52.17	-27.53	24.47	0.07	0.10	Average
6	0.238	41.59	62.17	-20.58	41.42	0.07	0.10	QP
7	3.565	33.63	46.00	-12.37	33.21	0.12	0.30	Average
8	3.565	41.94	56.00	-14.06	41.52	0.12	0.30	QP
9@	4.822	34.53	46.00	-11.47	34.08	0.14	0.31	Average
10	4.822	41.70	56.00	-14.30	41.25	0.14	0.31	QP
11	14.986	27.88	50.00	-22.12	27.41	0.27	0.20	Average
12	14.986	37.25	60.00	-22.75	36.78	0.27	0.20	QP

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

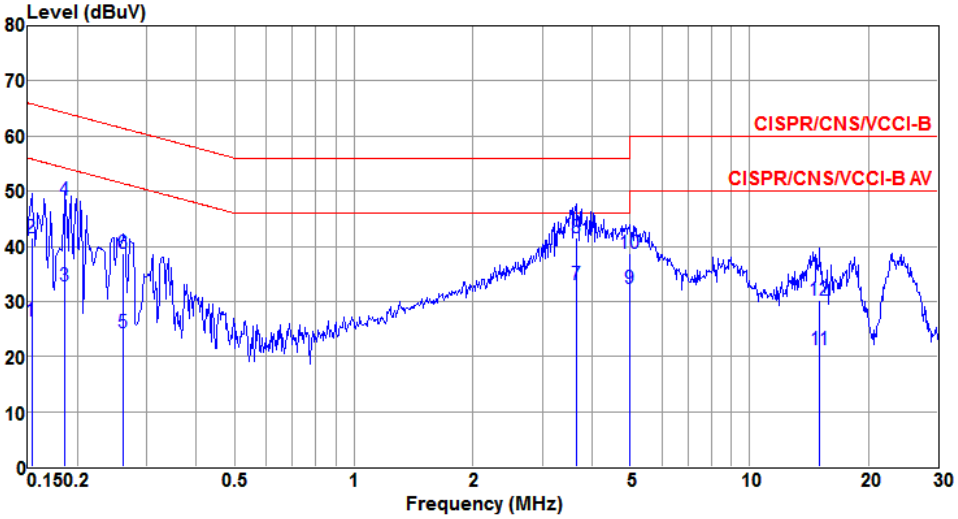
Modulation	VHT20	Test Freq. (MHz)	5240
Power Phase	Neutral	Test Configuration	3



	Freq	Level	Limit Line	Over Limit	Read Level	LISN factor	cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1	0.181	32.91	54.46	-21.55	32.75	0.07	0.09	Average
2	0.181	48.33	64.46	-16.13	48.17	0.07	0.09	QP
3	0.240	25.74	52.08	-26.34	25.57	0.07	0.10	Average
4	0.240	41.24	62.08	-20.84	41.07	0.07	0.10	QP
5	0.303	21.76	50.15	-28.39	21.59	0.07	0.10	Average
6	0.303	36.34	60.15	-23.81	36.17	0.07	0.10	QP
7	3.681	33.55	46.00	-12.45	33.12	0.13	0.30	Average
8	3.681	41.95	56.00	-14.05	41.52	0.13	0.30	QP
9@	4.772	34.40	46.00	-11.60	33.94	0.15	0.31	Average
10	4.772	40.82	56.00	-15.18	40.36	0.15	0.31	QP
11	13.768	26.07	50.00	-23.93	25.57	0.28	0.22	Average
12	13.768	34.71	60.00	-25.29	34.21	0.28	0.22	QP

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

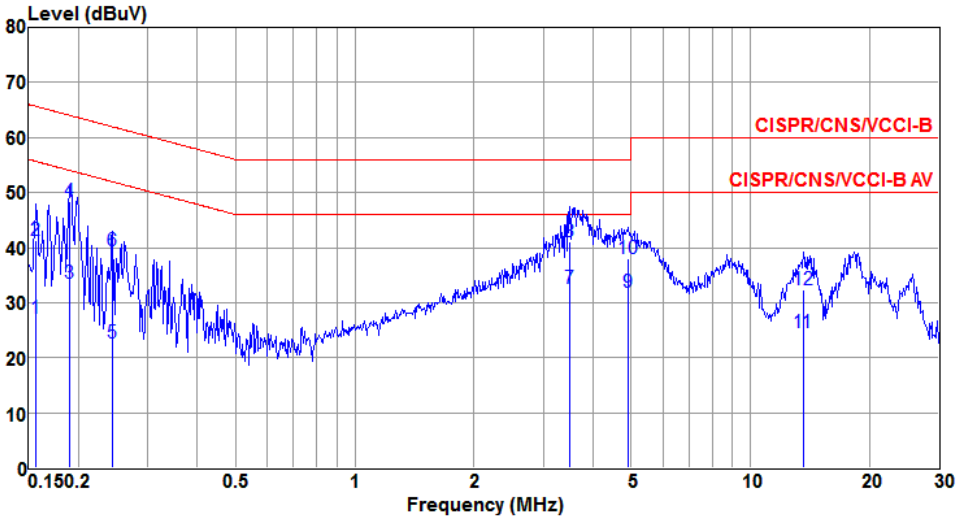
Modulation	11a	Test Freq. (MHz)	5785
Power Phase	Line	Test Configuration	3



	Freq	Level	Limit Line	Over Limit	Read Level	LISN factor	cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1	0.153	26.53	55.82	-29.29	26.38	0.07	0.08	Average
2	0.153	41.51	65.82	-24.31	41.36	0.07	0.08	QP
3	0.186	32.91	54.20	-21.29	32.75	0.07	0.09	Average
4	0.186	48.41	64.20	-15.79	48.25	0.07	0.09	QP
5	0.262	24.34	51.38	-27.04	24.17	0.07	0.10	Average
6	0.262	38.70	61.38	-22.68	38.53	0.07	0.10	QP
7@	3.642	33.09	46.00	-12.91	32.67	0.12	0.30	Average
8	3.642	41.44	56.00	-14.56	41.02	0.12	0.30	QP
9	4.978	32.38	46.00	-13.62	31.93	0.14	0.31	Average
10	4.978	38.69	56.00	-17.31	38.24	0.14	0.31	QP
11	15.066	21.32	50.00	-28.68	20.85	0.27	0.20	Average
12	15.066	30.13	60.00	-29.87	29.66	0.27	0.20	QP

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

Modulation	11a	Test Freq. (MHz)	5785
Power Phase	Neutral	Test Configuration	3

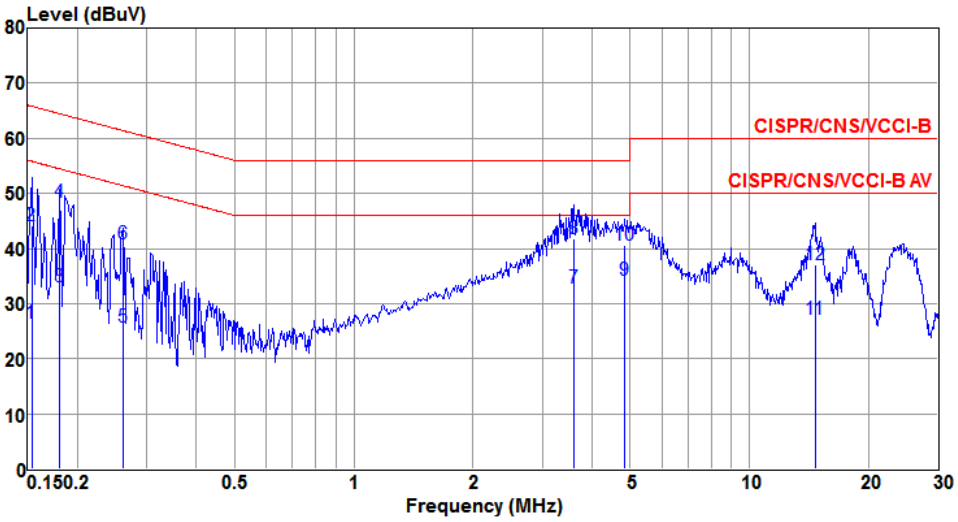


	Freq	Level	Limit Line	Over Limit	Read Level	LISN factor	cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1	0.156	27.13	55.65	-28.52	26.98	0.07	0.08	Average
2	0.156	41.36	65.65	-24.29	41.21	0.07	0.08	QP
3	0.189	33.63	54.06	-20.43	33.47	0.07	0.09	Average
4	0.189	48.36	64.06	-15.70	48.20	0.07	0.09	QP
5	0.244	22.56	51.95	-29.39	22.39	0.07	0.10	Average
6	0.244	39.43	61.95	-22.52	39.26	0.07	0.10	QP
7@	3.491	32.49	46.00	-13.51	32.07	0.12	0.30	Average
8	3.491	41.03	56.00	-14.97	40.61	0.12	0.30	QP
9	4.926	31.97	46.00	-14.03	31.51	0.15	0.31	Average
10	4.926	38.06	56.00	-17.94	37.60	0.15	0.31	QP
11	13.623	24.44	50.00	-25.56	23.94	0.28	0.22	Average
12	13.623	32.41	60.00	-27.59	31.91	0.28	0.22	QP

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

Test Configuration 4: Panel antenna with 6dBi gain

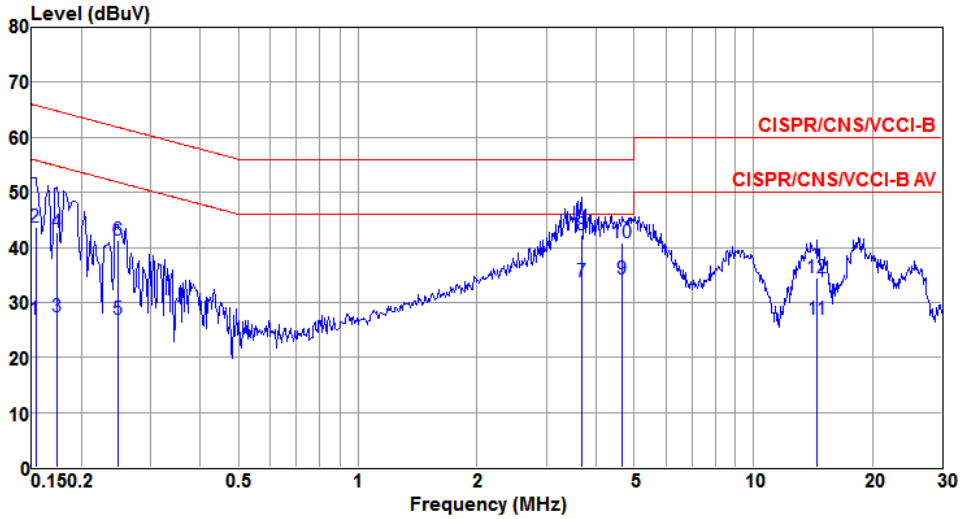
Modulation	VHT40	Test Freq. (MHz)	5230
Power Phase	Line	Test Configuration	4



	Freq	Level	Limit Line	Over Limit	Read Level	LISN factor	cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1	0.153	26.40	55.82	-29.42	26.25	0.07	0.08	Average
2	0.153	44.12	65.82	-21.70	43.97	0.07	0.08	QP
3	0.181	33.03	54.46	-21.43	32.87	0.07	0.09	Average
4	0.181	48.47	64.46	-15.99	48.31	0.07	0.09	QP
5	0.262	25.82	51.38	-25.56	25.65	0.07	0.10	Average
6	0.262	40.76	61.38	-20.62	40.59	0.07	0.10	QP
7	3.603	32.79	46.00	-13.21	32.37	0.12	0.30	Average
8	3.603	41.80	56.00	-14.20	41.38	0.12	0.30	QP
9@	4.848	34.13	46.00	-11.87	33.68	0.14	0.31	Average
10	4.848	40.54	56.00	-15.46	40.09	0.14	0.31	QP
11	14.672	27.20	50.00	-22.80	26.72	0.27	0.21	Average
12	14.672	37.00	60.00	-23.00	36.52	0.27	0.21	QP

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

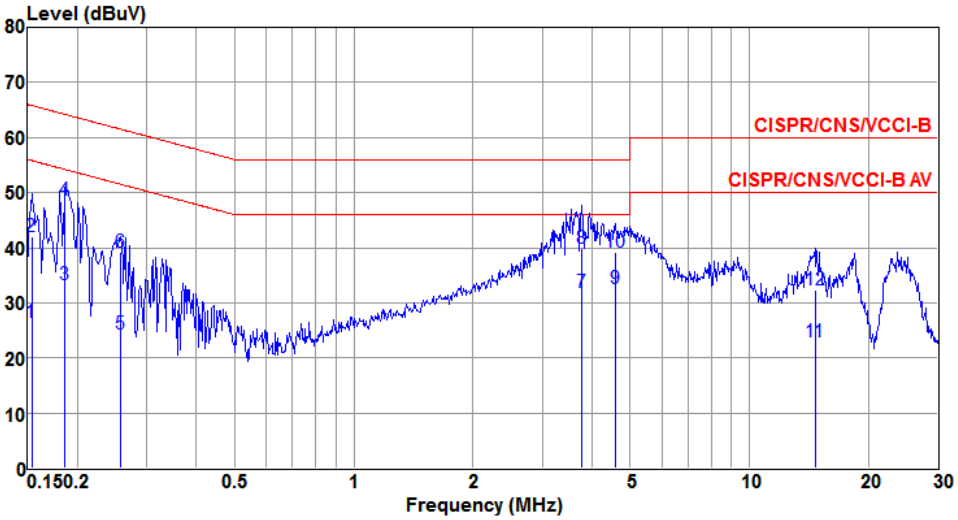
Modulation	VHT40	Test Freq. (MHz)	5230
Power Phase	Neutral	Test Configuration	4



	Freq	Level	Limit Line	Over Limit	Read Level	LISN factor	cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1	0.153	26.86	55.82	-28.96	26.71	0.07	0.08	Average
2	0.153	43.76	65.82	-22.06	43.61	0.07	0.08	QP
3	0.174	27.29	54.77	-27.48	27.13	0.07	0.09	Average
4	0.174	42.72	64.77	-22.05	42.56	0.07	0.09	QP
5	0.247	27.03	51.86	-24.83	26.86	0.07	0.10	Average
6	0.247	41.21	61.86	-20.65	41.04	0.07	0.10	QP
7	3.681	33.68	46.00	-12.32	33.25	0.13	0.30	Average
8	3.681	42.23	56.00	-13.77	41.80	0.13	0.30	QP
9@	4.672	34.30	46.00	-11.70	33.84	0.15	0.31	Average
10	4.672	40.92	56.00	-15.08	40.46	0.15	0.31	QP
11	14.517	26.81	50.00	-23.19	26.31	0.29	0.21	Average
12	14.517	34.46	60.00	-25.54	33.96	0.29	0.21	QP

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

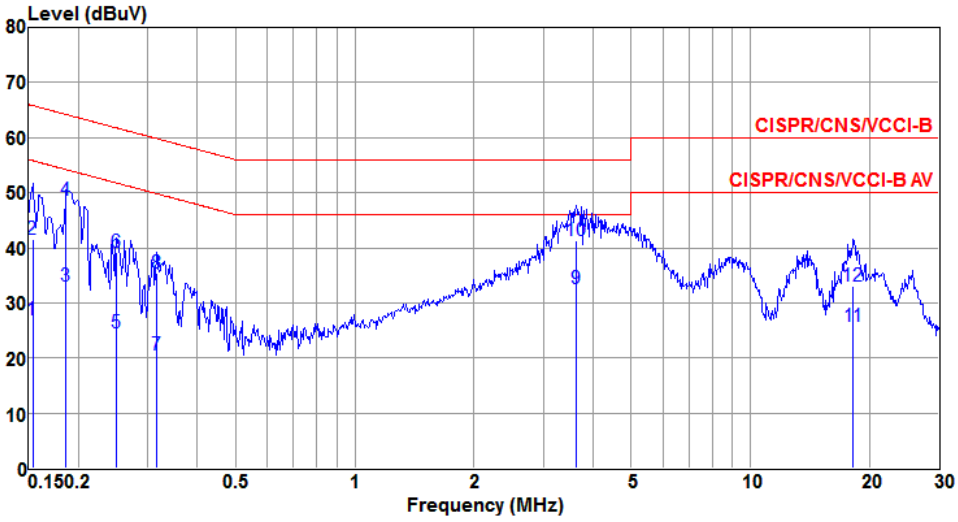
Modulation	11a	Test Freq. (MHz)	5785
Power Phase	Line	Test Configuration	4



	Freq	Level	Limit Line	Over Limit	Read Level	LISN factor	cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1	0.153	26.53	55.82	-29.29	26.38	0.07	0.08	Average
2	0.153	42.07	65.82	-23.75	41.92	0.07	0.08	QP
3	0.186	33.22	54.20	-20.98	33.06	0.07	0.09	Average
4	0.186	48.53	64.20	-15.67	48.37	0.07	0.09	QP
5	0.256	24.25	51.56	-27.31	24.08	0.07	0.10	Average
6	0.256	39.11	61.56	-22.45	38.94	0.07	0.10	QP
7	3.779	31.85	46.00	-14.15	31.43	0.12	0.30	Average
8	3.779	39.98	56.00	-16.02	39.56	0.12	0.30	QP
9@	4.574	32.58	46.00	-13.42	32.14	0.13	0.31	Average
10	4.574	39.09	56.00	-16.91	38.65	0.13	0.31	QP
11	14.672	22.92	50.00	-27.08	22.44	0.27	0.21	Average
12	14.672	32.32	60.00	-27.68	31.84	0.27	0.21	QP

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

Modulation	11a	Test Freq. (MHz)	5785
Power Phase	Neutral	Test Configuration	4

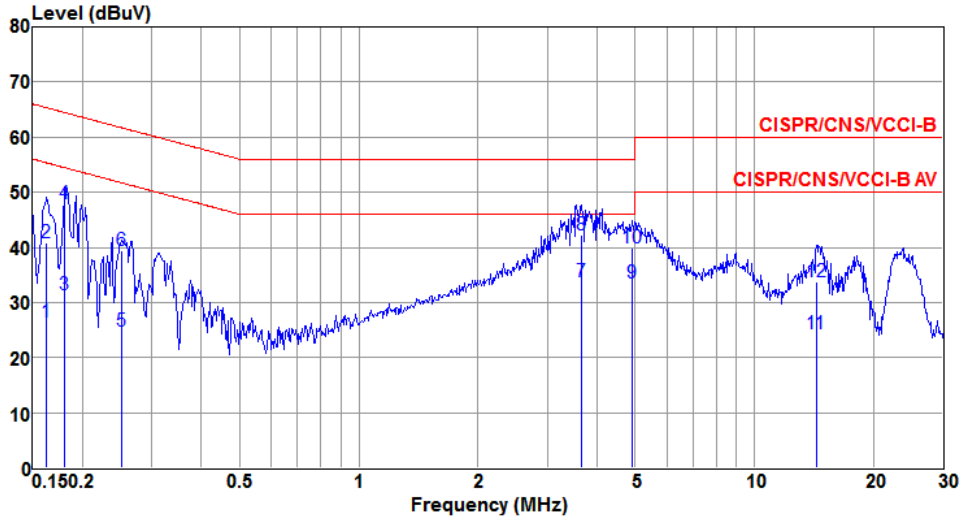


	Freq	Level	Limit Line	Over Limit	Read Level	LISN factor	cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1	0.153	26.86	55.82	-28.96	26.71	0.07	0.08	Average
2	0.153	41.63	65.82	-24.19	41.48	0.07	0.08	QP
3	0.186	33.10	54.20	-21.10	32.94	0.07	0.09	Average
4	0.186	48.67	64.20	-15.53	48.51	0.07	0.09	QP
5	0.249	24.49	51.78	-27.29	24.32	0.07	0.10	Average
6	0.249	39.30	61.78	-22.48	39.13	0.07	0.10	QP
7	0.315	20.45	49.84	-29.39	20.28	0.07	0.10	Average
8	0.315	35.38	59.84	-24.46	35.21	0.07	0.10	QP
9@	3.623	32.59	46.00	-13.41	32.16	0.13	0.30	Average
10	3.623	41.40	56.00	-14.60	40.97	0.13	0.30	QP
11	18.232	25.70	50.00	-24.30	25.29	0.33	0.08	Average
12	18.232	33.16	60.00	-26.84	32.75	0.33	0.08	QP

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

Test Configuration 5: Omni antenna with 2dBi gain

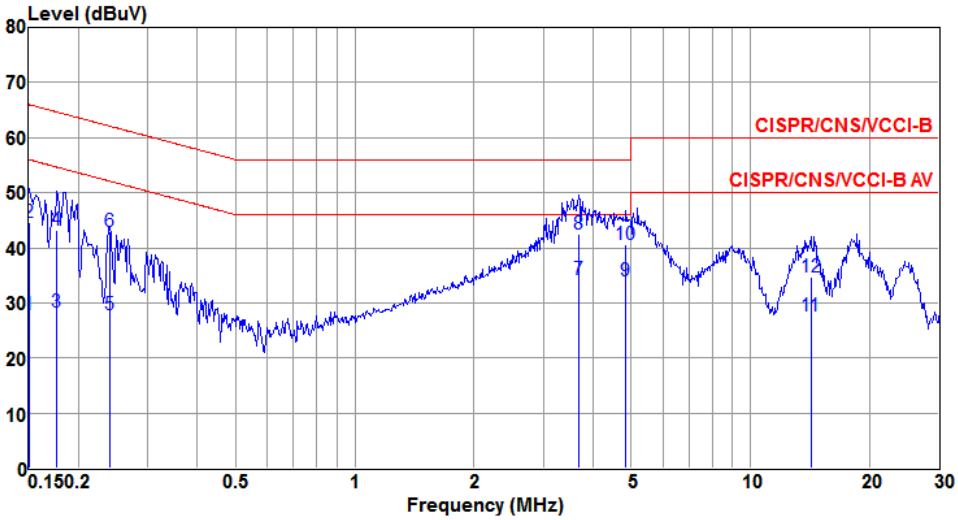
Modulation	11a	Test Freq. (MHz)	5200
Power Phase	Line	Test Configuration	5



	Freq	Level	Limit Line	Over Limit	Read Level	LISN factor	cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1	0.162	26.37	55.34	-28.97	26.22	0.07	0.08	Average
2	0.162	40.75	65.34	-24.59	40.60	0.07	0.08	QP
3	0.181	31.34	54.46	-23.12	31.18	0.07	0.09	Average
4	0.181	47.81	64.46	-16.65	47.65	0.07	0.09	QP
5	0.252	24.72	51.69	-26.97	24.55	0.07	0.10	Average
6	0.252	39.32	61.69	-22.37	39.15	0.07	0.10	QP
7@	3.642	33.67	46.00	-12.33	33.25	0.12	0.30	Average
8	3.642	42.22	56.00	-13.78	41.80	0.12	0.30	QP
9	4.926	33.48	46.00	-12.52	33.03	0.14	0.31	Average
10	4.926	39.82	56.00	-16.18	39.37	0.14	0.31	QP
11	14.364	24.22	50.00	-25.78	23.74	0.27	0.21	Average
12	14.364	33.77	60.00	-26.23	33.29	0.27	0.21	QP

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

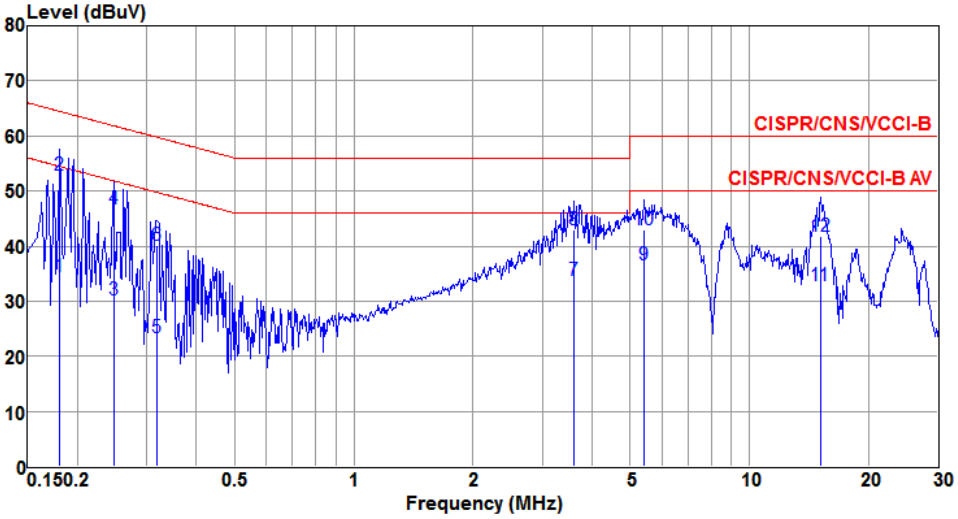
Modulation	11a	Test Freq. (MHz)	5200
Power Phase	Neutral	Test Configuration	5



	Freq	Level	Limit Line	Over Limit	Read Level	LISN factor	cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1	0.150	27.78	56.00	-28.22	27.63	0.07	0.08	Average
2	0.150	44.67	66.00	-21.33	44.52	0.07	0.08	QP
3	0.177	28.41	54.64	-26.23	28.25	0.07	0.09	Average
4	0.177	43.26	64.64	-21.38	43.10	0.07	0.09	QP
5	0.240	27.97	52.08	-24.11	27.80	0.07	0.10	Average
6	0.240	43.07	62.08	-19.01	42.90	0.07	0.10	QP
7@	3.681	34.12	46.00	-11.88	33.69	0.13	0.30	Average
8	3.681	42.48	56.00	-13.52	42.05	0.13	0.30	QP
9	4.848	33.91	46.00	-12.09	33.45	0.15	0.31	Average
10	4.848	40.56	56.00	-15.44	40.10	0.15	0.31	QP
11	14.213	27.63	50.00	-22.37	27.13	0.29	0.21	Average
12	14.213	34.59	60.00	-25.41	34.09	0.29	0.21	QP

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

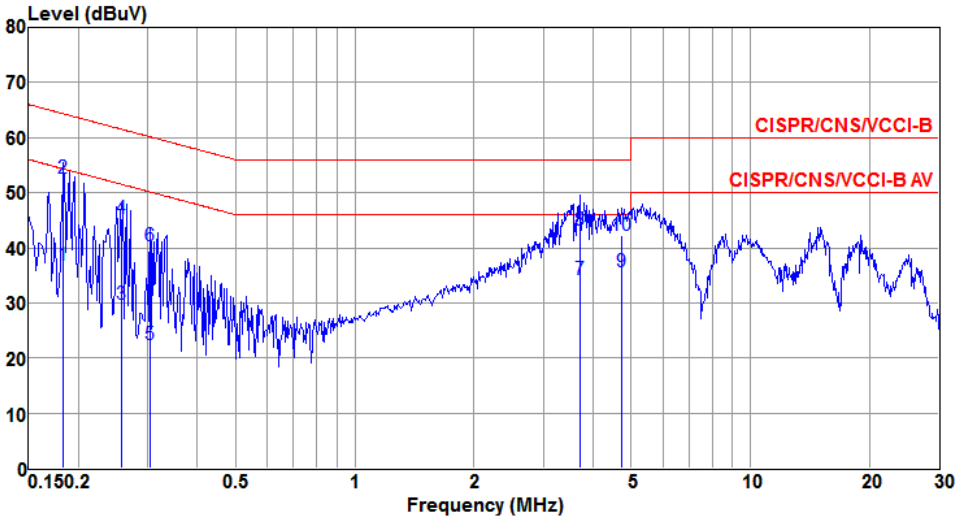
Modulation	11a	Test Freq. (MHz)	5785
Power Phase	Line	Test Configuration	5



	Freq	Level	Limit Line	Over Limit	Read Level	LISN factor	cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1	0.181	34.51	54.46	-19.95	34.35	0.07	0.09	Average
2@	0.181	52.90	64.46	-11.56	52.74	0.07	0.09	QP
3	0.247	30.13	51.86	-21.73	29.96	0.07	0.10	Average
4	0.247	46.77	61.86	-15.09	46.60	0.07	0.10	QP
5	0.318	23.37	49.75	-26.38	23.20	0.07	0.10	Average
6	0.318	40.10	59.75	-19.65	39.93	0.07	0.10	QP
7	3.603	33.83	46.00	-12.17	33.41	0.12	0.30	Average
8	3.603	42.94	56.00	-13.06	42.52	0.12	0.30	QP
9	5.419	36.70	50.00	-13.30	36.24	0.15	0.31	Average
10	5.419	42.99	60.00	-17.01	42.53	0.15	0.31	QP
11	15.146	32.84	50.00	-17.16	32.37	0.28	0.19	Average
12	15.146	41.87	60.00	-18.13	41.40	0.28	0.19	QP

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

Modulation	11a	Test Freq. (MHz)	5785
Power Phase	Neutral	Test Configuration	5

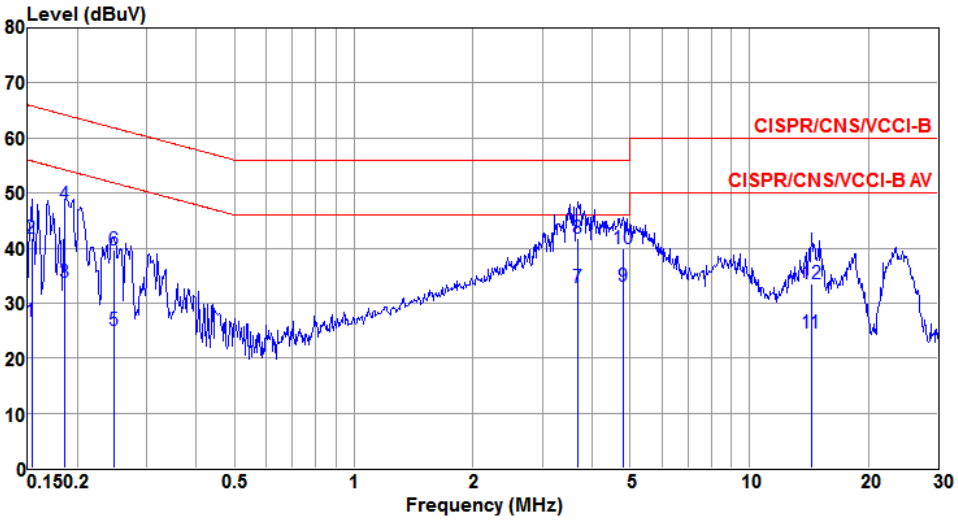


	Freq	Level	Limit Line	Over Limit	Read Level	LISN factor	cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1	0.183	36.83	54.33	-17.50	36.67	0.07	0.09	Average
2	0.183	52.57	64.33	-11.76	52.41	0.07	0.09	QP
3	0.256	29.81	51.56	-21.75	29.64	0.07	0.10	Average
4	0.256	45.32	61.56	-16.24	45.15	0.07	0.10	QP
5	0.303	22.53	50.15	-27.62	22.36	0.07	0.10	Average
6	0.303	40.27	60.15	-19.88	40.10	0.07	0.10	QP
7	3.700	34.23	46.00	-11.77	33.80	0.13	0.30	Average
8	3.700	43.14	56.00	-12.86	42.71	0.13	0.30	QP
9@	4.721	35.62	46.00	-10.38	35.16	0.15	0.31	Average
10	4.721	42.20	56.00	-13.80	41.74	0.15	0.31	QP

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

Test Configuration 6: Sector antenna with 5dBi gain

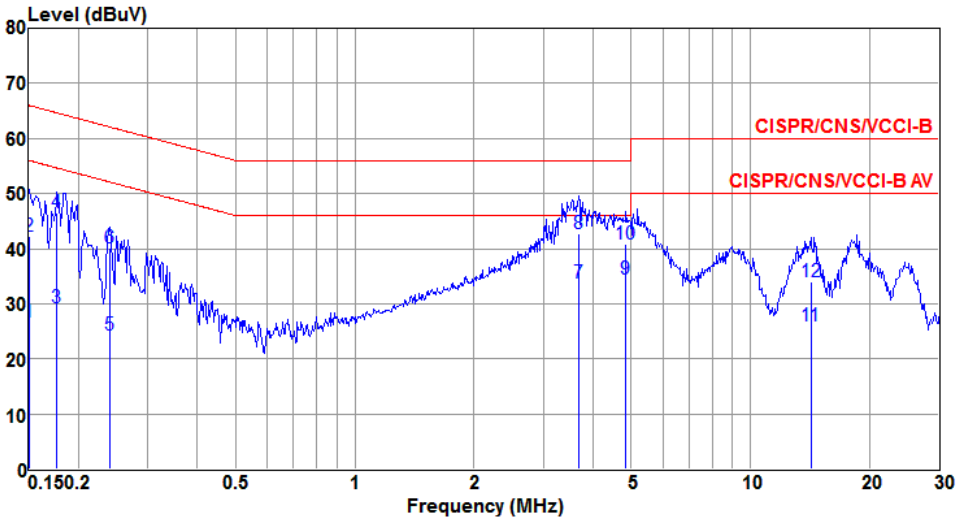
Modulation	VHT40	Test Freq. (MHz)	5230
Power Phase	Line	Test Configuration	6



	Freq	Level	Limit Line	Over Limit	Read Level	LISN factor	cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1	0.153	26.73	55.82	-29.09	26.58	0.07	0.08	Average
2	0.153	41.77	65.82	-24.05	41.62	0.07	0.08	QP
3	0.186	33.77	54.20	-20.43	33.61	0.07	0.09	Average
4	0.186	47.85	64.20	-16.35	47.69	0.07	0.09	QP
5	0.247	25.09	51.86	-26.77	24.92	0.07	0.10	Average
6	0.247	39.72	61.86	-22.14	39.55	0.07	0.10	QP
7	3.681	32.82	46.00	-13.18	32.40	0.12	0.30	Average
8	3.681	41.80	56.00	-14.20	41.38	0.12	0.30	QP
9@	4.797	33.12	46.00	-12.88	32.67	0.14	0.31	Average
10	4.797	39.92	56.00	-16.08	39.47	0.14	0.31	QP
11	14.364	24.62	50.00	-25.38	24.14	0.27	0.21	Average
12	14.364	33.56	60.00	-26.44	33.08	0.27	0.21	QP

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

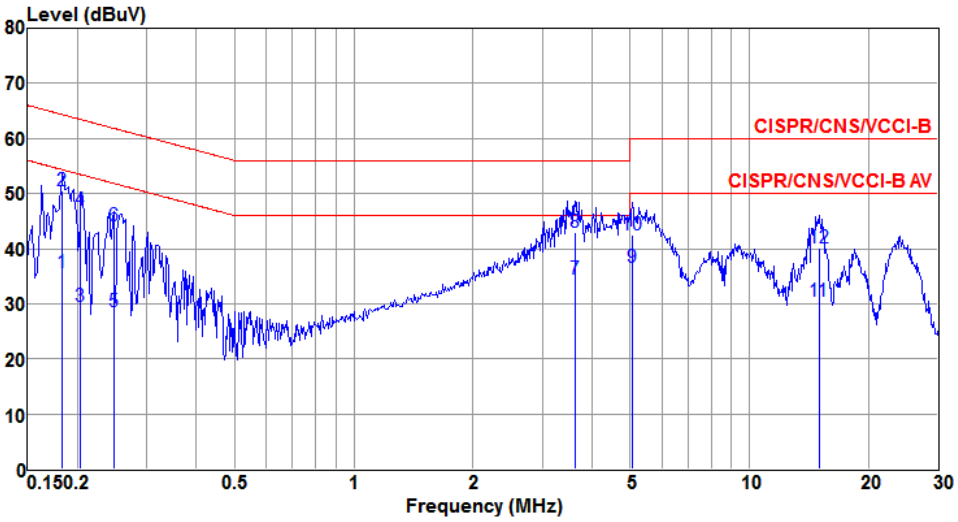
Modulation	VHT40	Test Freq. (MHz)	5230
Power Phase	Neutral	Test Configuration	6



	Freq	Level	Limit Line	Over Limit	Read Level	LISN factor	cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1	0.150	26.76	56.00	-29.24	26.61	0.07	0.08	Average
2	0.150	42.16	66.00	-23.84	42.01	0.07	0.08	QP
3	0.177	29.16	54.64	-25.48	29.00	0.07	0.09	Average
4	0.177	46.56	64.64	-18.08	46.40	0.07	0.09	QP
5	0.240	24.43	52.08	-27.65	24.26	0.07	0.10	Average
6	0.240	40.17	62.08	-21.91	40.00	0.07	0.10	QP
7	3.681	33.68	46.00	-12.32	33.25	0.13	0.30	Average
8	3.681	42.79	56.00	-13.21	42.36	0.13	0.30	QP
9@	4.848	34.38	46.00	-11.62	33.92	0.15	0.31	Average
10	4.848	40.82	56.00	-15.18	40.36	0.15	0.31	QP
11	14.213	26.08	50.00	-23.92	25.58	0.29	0.21	Average
12	14.213	33.97	60.00	-26.03	33.47	0.29	0.21	QP

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

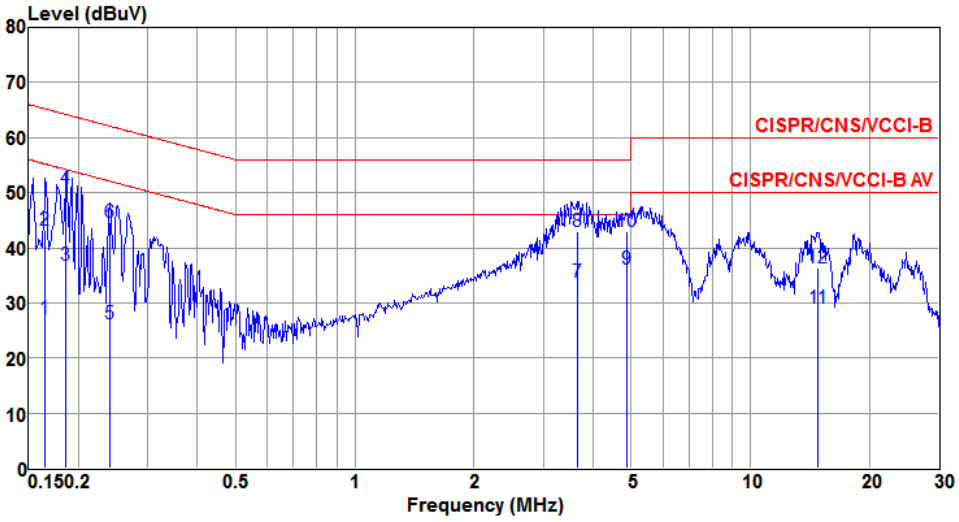
Modulation	11a	Test Freq. (MHz)	5785
Power Phase	Line	Test Configuration	6



	Freq	Level	Limit Line	Over Limit	Read Level	LISN factor	cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1	0.183	35.76	54.33	-18.57	35.60	0.07	0.09	Average
2	0.183	50.54	64.33	-13.79	50.38	0.07	0.09	QP
3	0.204	29.45	53.45	-24.00	29.29	0.07	0.09	Average
4	0.204	47.06	63.45	-16.39	46.90	0.07	0.09	QP
5	0.247	28.63	51.86	-23.23	28.46	0.07	0.10	Average
6	0.247	44.14	61.86	-17.72	43.97	0.07	0.10	QP
7@	3.623	34.36	46.00	-11.64	33.94	0.12	0.30	Average
8	3.623	43.08	56.00	-12.92	42.66	0.12	0.30	QP
9	5.058	36.57	50.00	-13.43	36.12	0.14	0.31	Average
10	5.058	42.57	60.00	-17.43	42.12	0.14	0.31	QP
11	14.986	30.37	50.00	-19.63	29.90	0.27	0.20	Average
12	14.986	40.21	60.00	-19.79	39.74	0.27	0.20	QP

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

Modulation	11a	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	0.165	27.24	55.21	-27.97	27.09	0.07	0.08	Average
2	0.165	43.25	65.21	-21.96	43.10	0.07	0.08	QP
3	0.186	36.81	54.20	-17.39	36.65	0.07	0.09	Average
4	0.186	50.72	64.20	-13.48	50.56	0.07	0.09	QP
5	0.240	26.18	52.08	-25.90	26.01	0.07	0.10	Average
6	0.240	44.57	62.08	-17.51	44.40	0.07	0.10	QP
7	3.642	33.86	46.00	-12.14	33.43	0.13	0.30	Average
8	3.642	42.91	56.00	-13.09	42.48	0.13	0.30	QP
9@	4.874	36.15	46.00	-9.85	35.69	0.15	0.31	Average
10	4.874	42.97	56.00	-13.03	42.51	0.15	0.31	QP
11	14.828	29.08	50.00	-20.92	28.59	0.29	0.20	Average
12	14.828	36.41	60.00	-23.59	35.92	0.29	0.20	QP

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

3.2 Emission Bandwidth

3.2.1 Limit of Emission bandwidth

Within the 5.725-5.85 GHz band, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.

3.2.2 Test Procedures

26dB Bandwidth

1. Set RBW = approximately 1% of the emission bandwidth.
2. Set the VBW > RBW, Detector = Peak.
3. Trace mode = max hold.
4. Measure the maximum width of the emission that is 26 dB down from the peak of the emission.

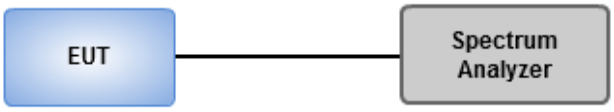
Occupied Bandwidth

1. Set RBW = 1 % to 5 % of the OBW
2. Set VBW ≥ 3 RBW
3. Sample detection and single sweep mode shall be used
4. Use the 99 % power bandwidth function of the instrument

6dB Bandwidth

1. Set RBW = 100kHz, VBW = 300kHz
2. Detector = Peak,Trace mode = max hold.
3. 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 frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission

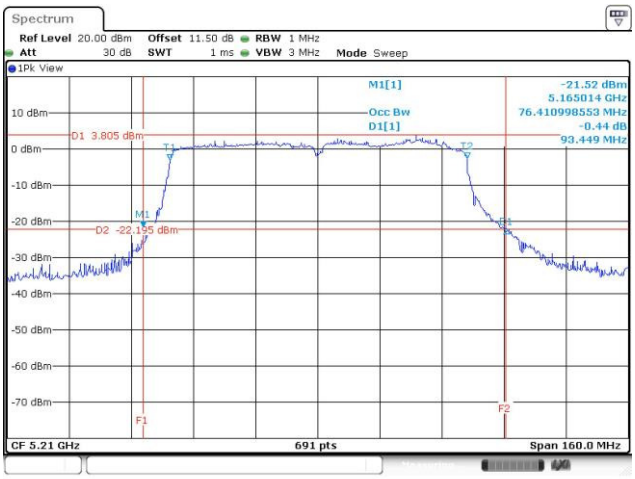
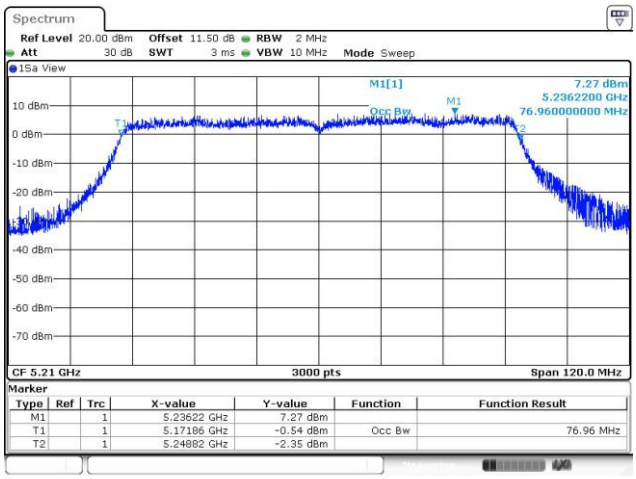
3.2.3 Test Setup



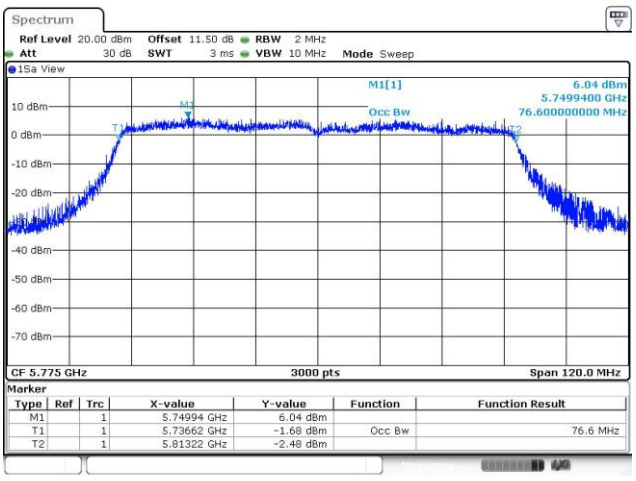
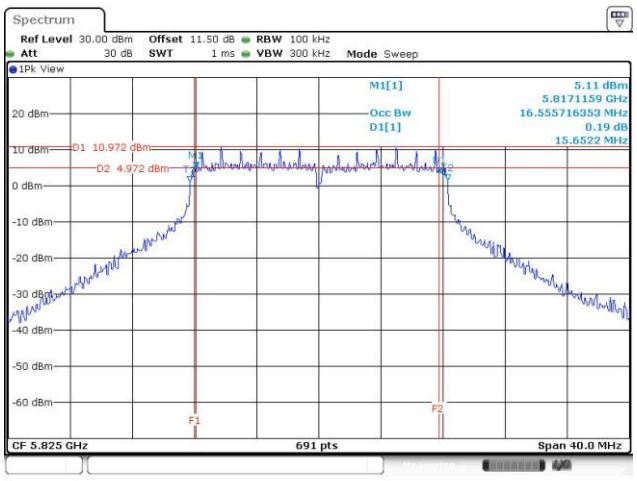
3.2.4 Test Result of Emission Bandwidth

Test Configuration 1: Dipole antenna with 3dBi gain

For Frequency band 5150-5250 MHz										
Emission Bandwidth										
Mode	N_{TX}	Freq. (MHz)	26dB Bandwidth (MHz)				99% Bandwidth (MHz)			
			Chain 0	Chain 1	Chain 2	Chain 3	Chain 0	Chain 1	Chain 2	Chain 3
11a	3	5180	24.06	24.93	23.88	---	16.86	16.92	16.91	---
11a	3	5200	31.88	29.71	27.32	---	17.94	17.59	17.82	---
11a	3	5240	30.87	27.32	28.55	---	17.50	17.30	17.44	---
VHT20	3	5180	24.75	25.62	25.97	---	17.96	17.99	17.96	---
VHT20	3	5200	36.59	33.70	32.25	---	18.90	18.54	18.52	---
VHT20	3	5240	31.74	30.51	30.07	---	18.30	18.26	18.33	---
VHT40	3	5190	50.09	47.42	47.77	---	37.00	36.90	36.94	---
VHT40	3	5230	52.17	48.46	48.81	---	37.18	36.84	37.02	---
VHT80	3	5210	93.22	93.45	87.42	---	76.96	76.40	76.40	---

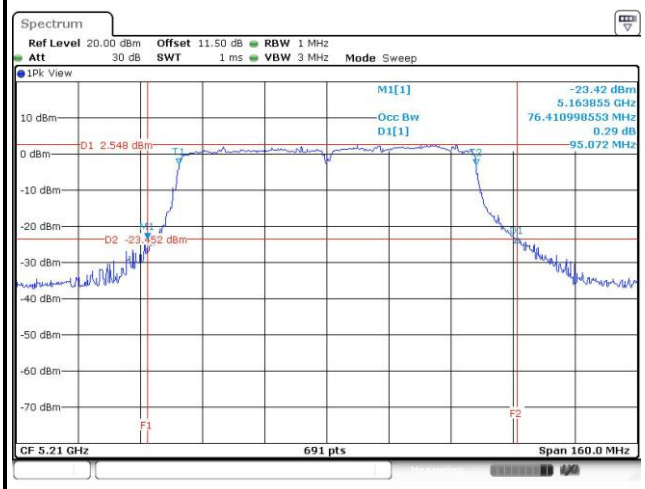
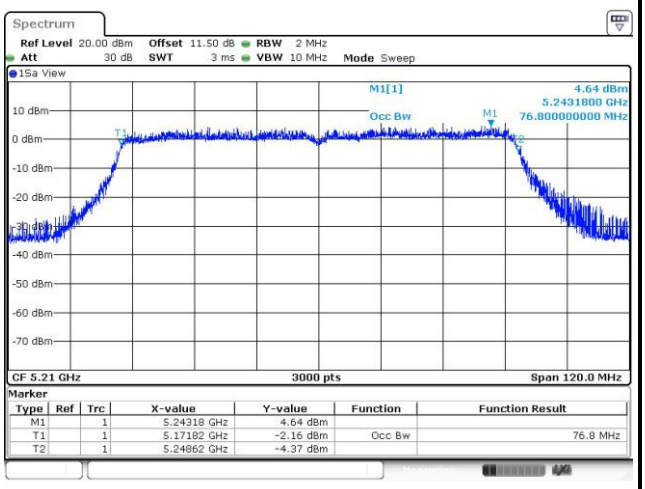
Worst Plot of 26dB Bandwidth	Worst Plot of 99% Bandwidth
	

For Frequency band 5725-5850 MHz											
Emission Bandwidth											
Mode	N_{TX}	Freq. (MHz)	OBW Bandwidth (MHz)				6dB Bandwidth (MHz)				
			Chain 0	Chain 1	Chain 2	Chain 3	Chain 0	Chain 1	Chain 2	Chain 3	6dB BW Limit (MHz)
11a	3	5745	16.89	16.91	16.93	---	16.29	16.29	16.35	---	0.5
11a	3	5785	18.17	17.18	17.87	---	16.06	16.29	16.29	---	0.5
11a	3	5825	16.94	16.87	16.87	---	15.65	16.35	16.35	---	0.5
VHT20	3	5745	18.00	18.00	18.03	---	16.06	17.57	17.57	---	0.5
VHT20	3	5785	18.38	18.21	18.65	---	17.57	16.93	16.35	---	0.5
VHT20	3	5825	17.96	17.98	17.99	---	16.93	16.93	16.93	---	0.5
VHT40	3	5755	36.90	37.04	36.94	---	36.17	36.41	35.83	---	0.5
VHT40	3	5795	36.90	36.94	36.94	---	35.83	36.06	36.06	---	0.5
VHT80	3	5775	76.52	76.60	76.60	---	75.13	75.83	75.59	---	0.5

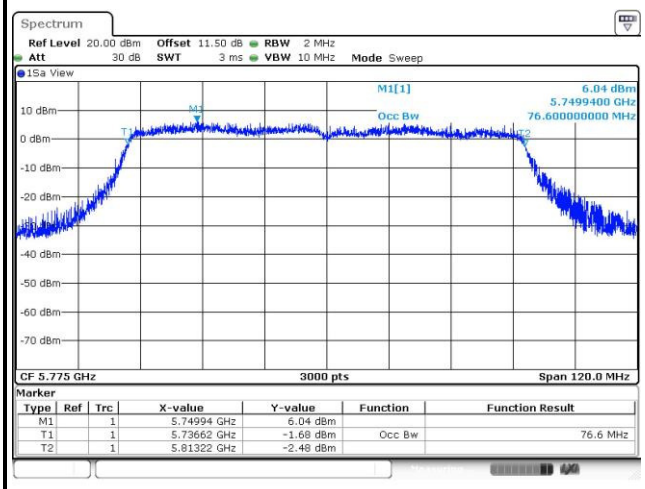
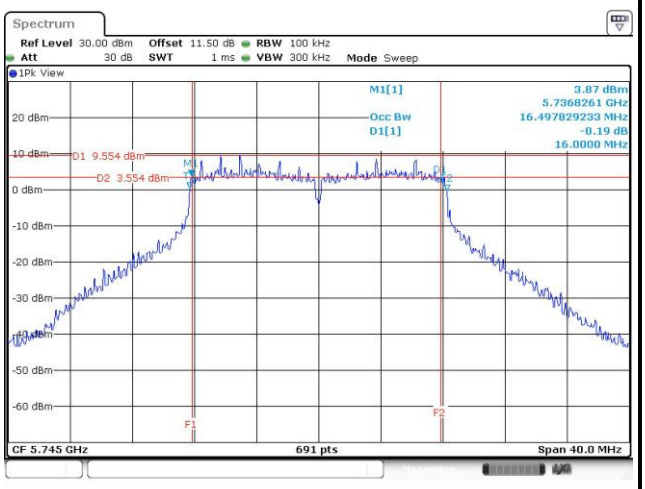
Worst Plot of 99% Bandwidth	Worst Plot of 6dB Bandwidth
	

Test Configuration 2: PIFA antenna with 6dBi gain

For Frequency band 5150-5250 MHz										
Emission Bandwidth										
Mode	N_{TX}	Freq. (MHz)	26dB Bandwidth (MHz)				99% Bandwidth (MHz)			
			Chain 0	Chain 1	Chain 2	Chain 3	Chain 0	Chain 1	Chain 2	Chain 3
11a	3	5180	24.06	24.93	23.88	---	16.86	16.92	16.91	---
11a	3	5200	24.93	24.35	24.23	---	16.89	16.91	16.95	---
11a	3	5240	24.17	24.99	25.51	---	16.91	16.94	16.85	---
VHT20	3	5180	24.75	25.62	25.97	---	17.96	17.99	17.96	---
VHT20	3	5200	25.16	25.57	25.80	---	17.98	17.99	17.96	---
VHT20	3	5240	25.33	25.80	25.57	---	17.98	17.91	17.97	---
VHT40	3	5190	50.09	47.30	47.77	---	36.96	36.82	36.78	---
VHT40	3	5230	52.17	48.46	48.81	---	37.18	36.84	37.02	---
VHT80	3	5210	95.07	92.52	87.42	---	76.80	76.60	76.32	---

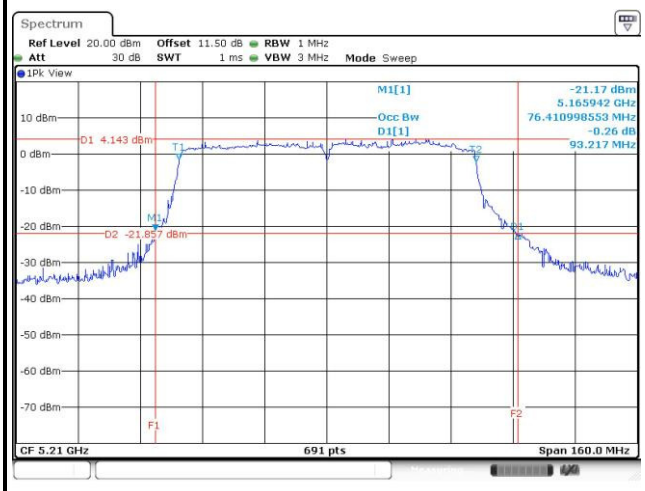
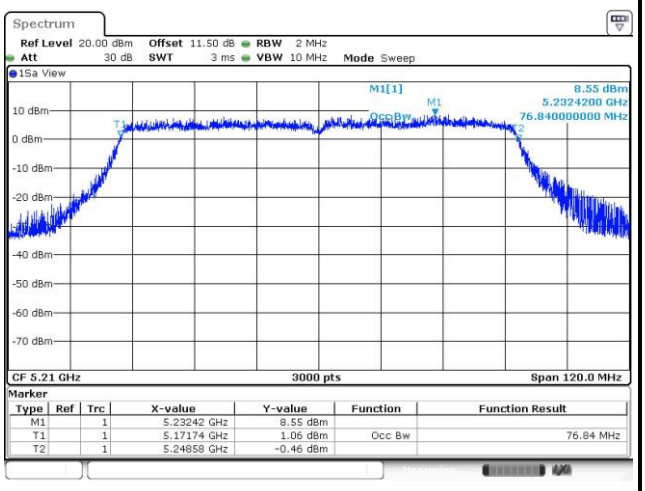
Worst Plot of 26dB Bandwidth	Worst Plot of 99% Bandwidth
	

For Frequency band 5725-5850 MHz											
Emission Bandwidth											
Mode	N_{TX}	Freq. (MHz)	OBW Bandwidth (MHz)				6dB Bandwidth (MHz)				
			Chain 0	Chain 1	Chain 2	Chain 3	Chain 0	Chain 1	Chain 2	Chain 3	6dB BW Limit (MHz)
11a	3	5745	16.89	16.98	16.9	---	16.29	16.00	16.35	---	0.5
11a	3	5785	16.84	16.92	16.88	---	16.35	16.35	16.35	---	0.5
11a	3	5825	16.88	16.91	16.85	---	16.29	16.35	16.29	---	0.5
VHT20	3	5745	18.07	18.04	18.02	---	17.57	16.87	17.28	---	0.5
VHT20	3	5785	17.95	18.02	18.00	---	16.93	17.16	17.16	---	0.5
VHT20	3	5825	17.96	18.01	17.99	---	16.93	16.29	16.93	---	0.5
VHT40	3	5755	36.82	37.02	36.90	---	36.29	36.29	36.29	---	0.5
VHT40	3	5795	37.02	36.84	36.82	---	35.59	36.29	35.71	---	0.5
VHT80	3	5775	76.52	76.60	76.60	---	75.13	75.83	75.59	---	0.5

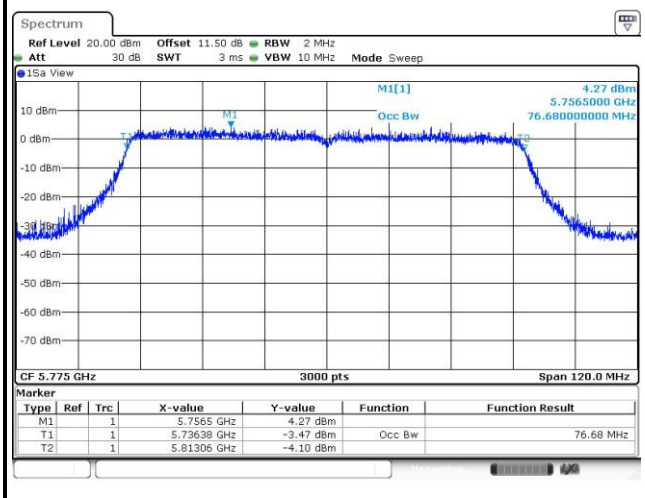
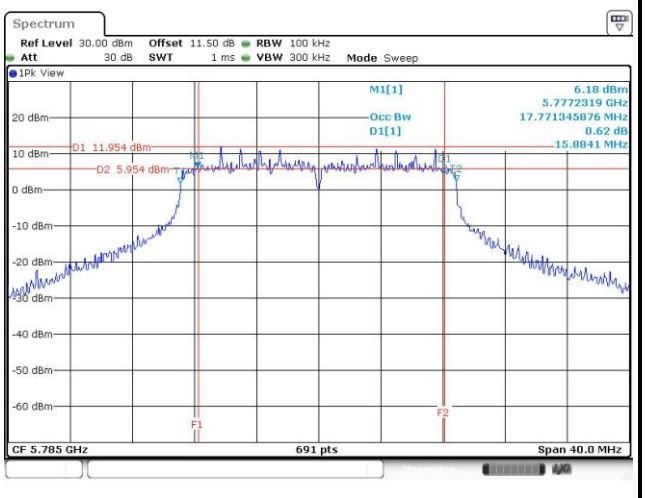
Worst Plot of 99% Bandwidth	Worst Plot of 6dB Bandwidth
	

Test Configuration 3: Panel antenna with 5.5dBi gain

For Frequency band 5150-5250 MHz										
Emission Bandwidth										
Mode	N_{TX}	Freq. (MHz)	26dB Bandwidth (MHz)				99% Bandwidth (MHz)			
			Chain 0	Chain 1	Chain 2	Chain 3	Chain 0	Chain 1	Chain 2	Chain 3
11a	3	5180	24.29	24.46	24.17	---	16.89	16.90	16.88	---
11a	3	5200	24.93	24.35	24.23	---	16.89	16.91	16.95	---
11a	3	5240	25.22	24.81	24.35	---	16.90	16.94	16.89	---
VHT20	3	5180	25.04	25.28	25.22	---	18.01	18.00	17.98	---
VHT20	3	5200	25.28	25.62	25.62	---	17.99	17.94	18.00	---
VHT20	3	5240	25.62	26.09	26.72	---	17.99	18.03	18.05	---
VHT40	3	5190	50.20	48.58	48.81	---	37	36.8	36.82	---
VHT40	3	5230	49.97	48.00	47.88	---	36.98	36.78	36.92	---
VHT80	3	5210	92.75	93.22	87.88	---	76.84	76.52	76.40	---

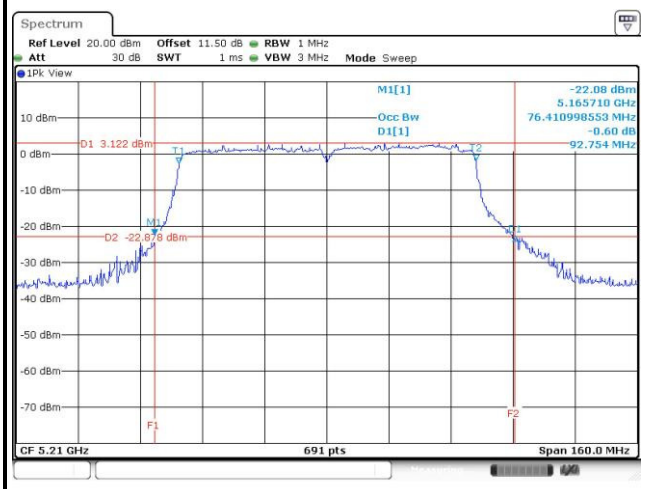
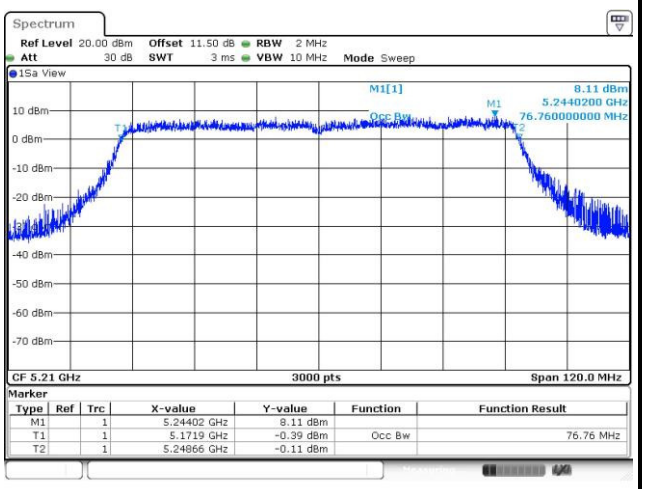
Worst Plot of 26dB Bandwidth	Worst Plot of 99% Bandwidth
	

For Frequency band 5725-5850 MHz											
Emission Bandwidth											
Mode	N_{TX}	Freq. (MHz)	OBW Bandwidth (MHz)				6dB Bandwidth (MHz)				
			Chain 0	Chain 1	Chain 2	Chain 3	Chain 0	Chain 1	Chain 2	Chain 3	6dB BW Limit (MHz)
11a	3	5745	16.93	17.00	16.85	---	16.35	16.35	16.35	---	0.5
11a	3	5785	18.17	17.18	17.87	---	16.06	16.29	16.29	---	0.5
11a	3	5825	16.92	16.84	16.81	---	16.29	16.06	16.35	---	0.5
VHT20	3	5745	18.07	17.98	17.99	---	17.57	17.57	17.28	---	0.5
VHT20	3	5785	18.16	17.95	18.20	---	15.88	17.28	17.16	---	0.5
VHT20	3	5825	17.94	18.05	17.91	---	16.52	17.28	17.28	---	0.5
VHT40	3	5755	36.96	36.74	37.12	---	36.06	35.71	35.71	---	0.5
VHT40	3	5795	36.90	36.94	36.94	---	35.83	36.06	36.06	---	0.5
VHT80	3	5775	76.64	76.64	76.68	---	75.83	75.13	75.83	---	0.5

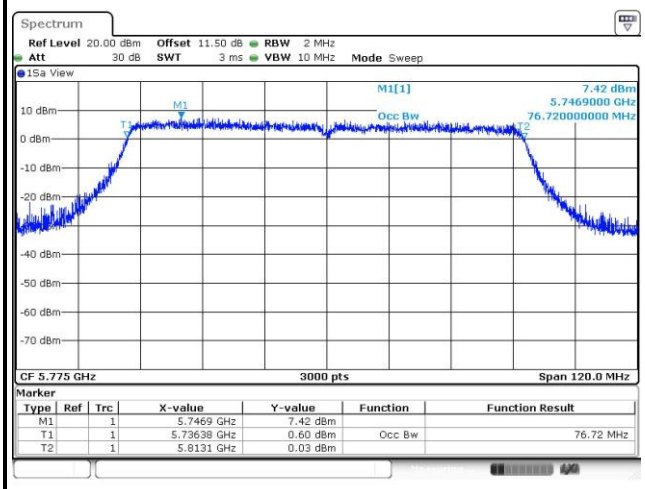
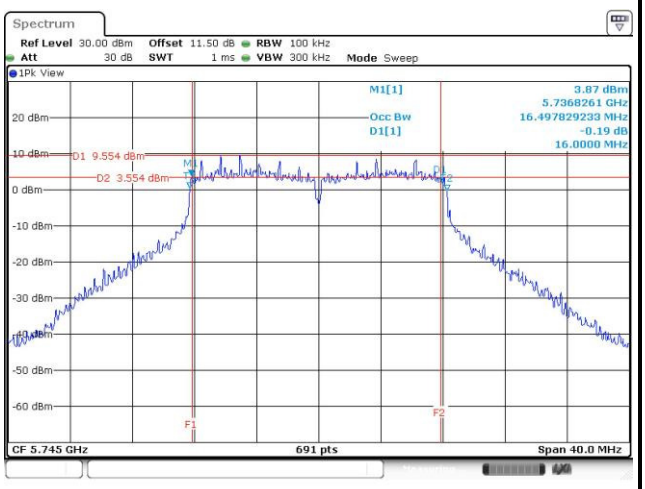
Worst Plot of 99% Bandwidth	Worst Plot of 6dB Bandwidth
	

Test Configuration 4: Panel antenna with 6dBi gain

For Frequency band 5150-5250 MHz										
Emission Bandwidth										
Mode	N_{TX}	Freq. (MHz)	26dB Bandwidth (MHz)				99% Bandwidth (MHz)			
			Chain 0	Chain 1	Chain 2	Chain 3	Chain 0	Chain 1	Chain 2	Chain 3
11a	3	5180	24.06	24.93	23.88	---	16.86	16.92	16.91	---
11a	3	5200	24.93	24.35	24.23	---	16.89	16.91	16.95	---
11a	3	5240	24.17	24.99	25.51	---	16.91	16.94	16.85	---
VHT20	3	5180	24.75	25.62	25.97	---	17.96	17.99	17.96	---
VHT20	3	5200	25.16	25.57	25.80	---	17.98	17.99	17.96	---
VHT20	3	5240	25.33	25.80	25.57	---	17.98	17.91	17.97	---
VHT40	3	5190	50.09	47.30	47.77	---	36.96	36.82	36.78	---
VHT40	3	5230	52.17	48.46	48.81	---	37.18	36.84	37.02	---
VHT80	3	5210	92.75	92.52	87.19	---	76.76	76.4	76.36	---

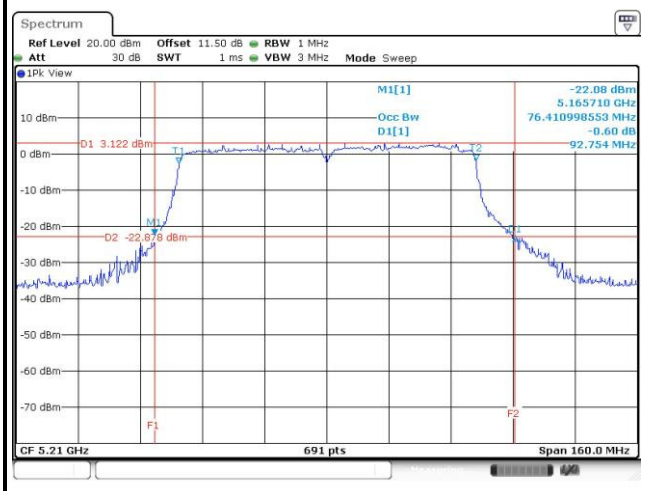
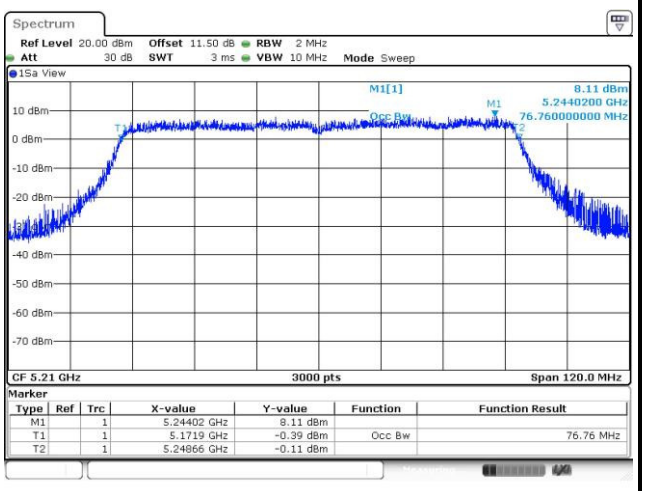
Worst Plot of 26dB Bandwidth	Worst Plot of 99% Bandwidth
	

For Frequency band 5725-5850 MHz											
Emission Bandwidth											
Mode	N_{TX}	Freq. (MHz)	OBW Bandwidth (MHz)				6dB Bandwidth (MHz)				
			Chain 0	Chain 1	Chain 2	Chain 3	Chain 0	Chain 1	Chain 2	Chain 3	6dB BW Limit (MHz)
11a	3	5745	16.89	16.98	16.9	---	16.29	16.00	16.35	---	0.5
11a	3	5785	18.17	17.18	17.87	---	16.06	16.29	16.29	---	0.5
11a	3	5825	17.03	16.87	16.92	---	16.29	16.06	16.35	---	0.5
VHT20	3	5745	17.98	17.89	17.98	---	16.93	17.33	17.28	---	0.5
VHT20	3	5785	18.38	18.21	18.65	---	17.57	16.93	16.35	---	0.5
VHT20	3	5825	17.98	18.02	17.91	---	16.52	17.57	17.57	---	0.5
VHT40	3	5755	36.82	36.92	37.02	---	36.29	36.29	35.94	---	0.5
VHT40	3	5795	37.02	36.84	36.84	---	36.06	35.25	36.06	---	0.5
VHT80	3	5775	76.60	76.40	76.72	---	75.13	75.83	75.83	---	0.5

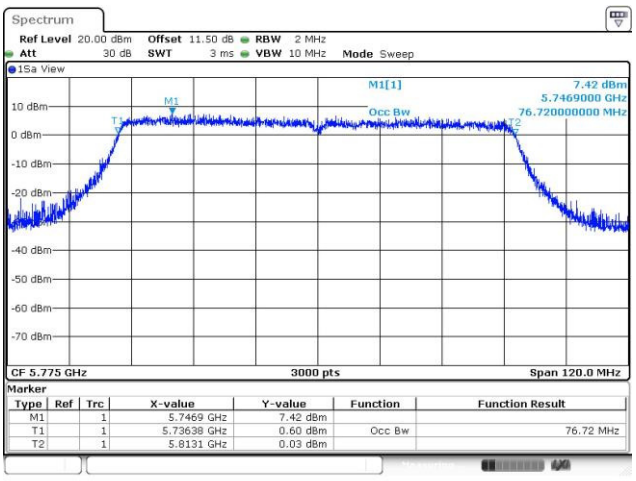
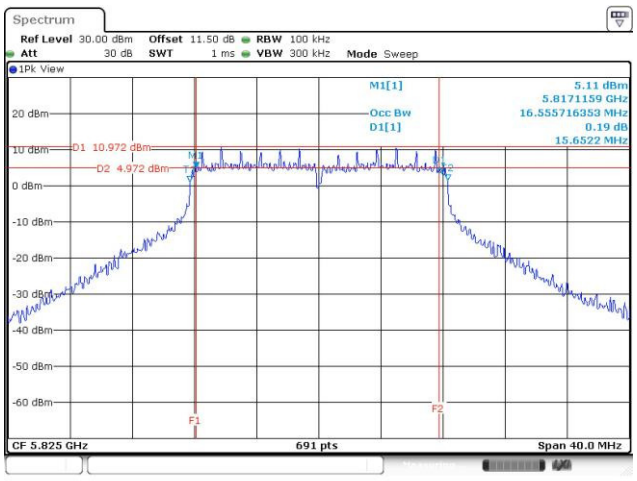
Worst Plot of 99% Bandwidth	Worst Plot of 6dB Bandwidth
	

Test Configuration 5: Omni antenna with 2dBi gain

For Frequency band 5150-5250 MHz										
Emission Bandwidth										
Mode	N_{TX}	Freq. (MHz)	26dB Bandwidth (MHz)				99% Bandwidth (MHz)			
			Chain 0	Chain 1	Chain 2	Chain 3	Chain 0	Chain 1	Chain 2	Chain 3
11a	3	5180	25.16	25.16	25.86	---	16.90	16.90	16.93	---
11a	3	5200	37.25	33.77	32.03	---	18.55	18.07	18.38	---
11a	3	5240	36.96	33.84	31.16	---	18.14	17.75	17.83	---
VHT20	3	5180	25.04	24.93	25.68	---	17.97	17.94	17.99	---
VHT20	3	5200	37.83	34.57	36.88	---	19.10	18.55	18.73	---
VHT20	3	5240	37.68	34.49	35.72	---	19.15	18.47	18.82	---
VHT40	3	5190	49.04	48.70	47.65	---	36.98	36.92	36.90	---
VHT40	3	5230	52.17	48.46	48.81	---	37.18	36.84	37.02	---
VHT80	3	5210	92.75	92.52	87.19	---	76.76	76.40	76.36	---

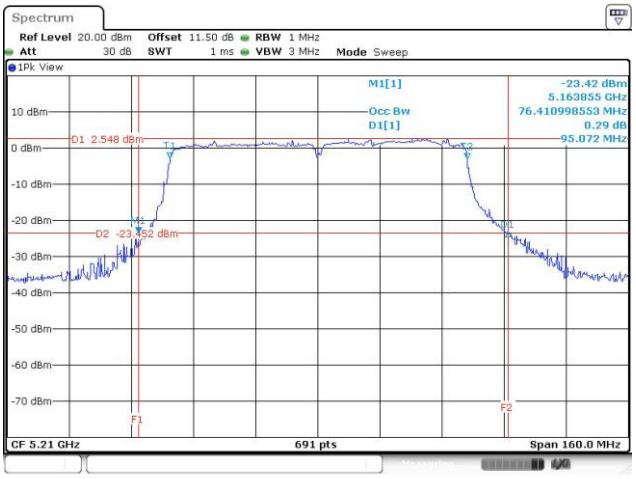
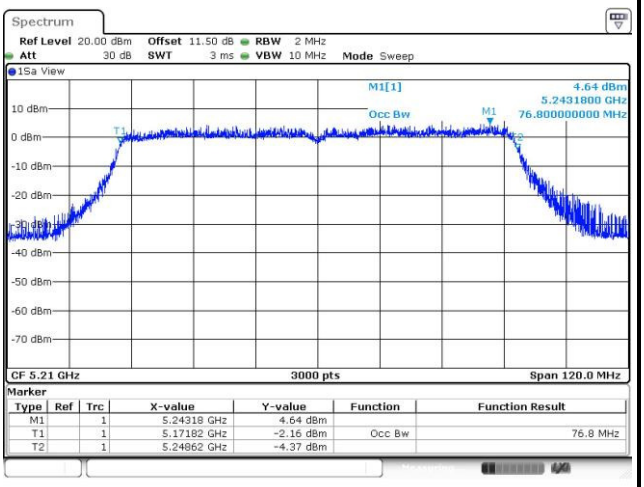
Worst Plot of 26dB Bandwidth	Worst Plot of 99% Bandwidth
	

For Frequency band 5725-5850 MHz											
Emission Bandwidth											
Mode	N_{TX}	Freq. (MHz)	OBW Bandwidth (MHz)				6dB Bandwidth (MHz)				
			Chain 0	Chain 1	Chain 2	Chain 3	Chain 0	Chain 1	Chain 2	Chain 3	6dB BW Limit (MHz)
11a	3	5745	16.93	16.82	16.89	---	16.35	16.35	16.35	---	0.5
11a	3	5785	18.17	17.18	17.87	---	16.06	16.29	16.29	---	0.5
11a	3	5825	16.94	16.87	16.87	---	15.65	16.35	16.35	---	0.5
VHT20	3	5745	18.00	18.00	18.03	---	16.06	17.57	17.57	---	0.5
VHT20	3	5785	18.38	18.21	18.65	---	17.57	16.93	16.35	---	0.5
VHT20	3	5825	17.98	18.02	17.91	---	16.52	17.57	17.57	---	0.5
VHT40	3	5755	36.98	36.76	37.06	---	35.83	36.41	36.41	---	0.5
VHT40	3	5795	37.02	36.84	36.82	---	35.59	36.29	35.71	---	0.5
VHT80	3	5775	76.60	76.40	76.72	---	75.13	75.83	75.83	---	0.5

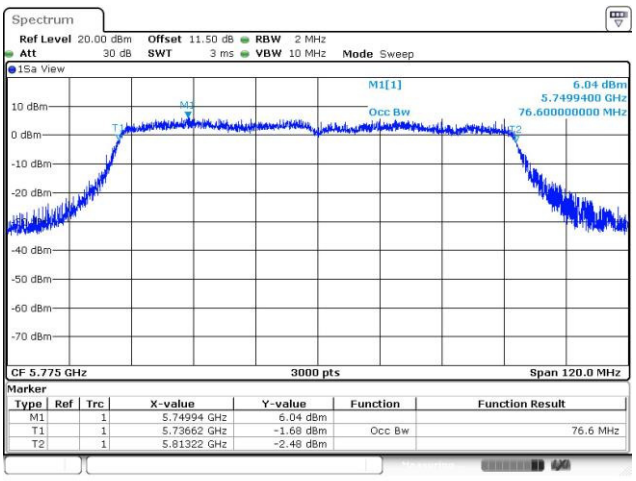
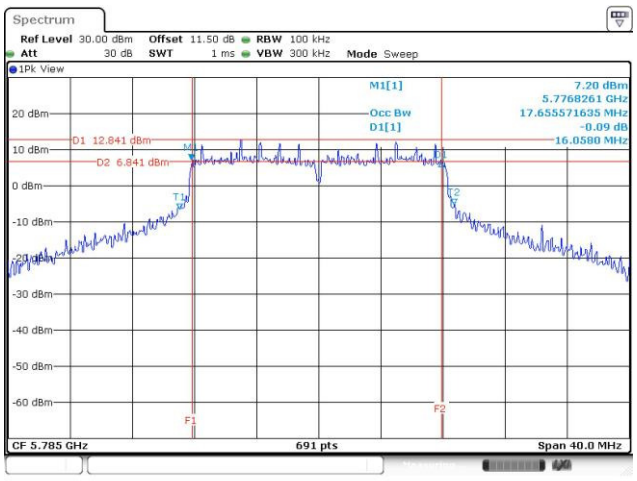
Worst Plot of 99% Bandwidth	Worst Plot of 6dB Bandwidth
	

Test Configuration 6: Sector antenna with 5dBi gain

For Frequency band 5150-5250 MHz										
Emission Bandwidth										
Mode	N_{TX}	Freq. (MHz)	26dB Bandwidth (MHz)				99% Bandwidth (MHz)			
			Chain 0	Chain 1	Chain 2	Chain 3	Chain 0	Chain 1	Chain 2	Chain 3
11a	3	5180	24.17	24.46	25.16	---	16.89	16.88	16.93	---
11a	3	5200	24.70	24.23	25.04	---	16.92	16.95	16.98	---
11a	3	5240	25.22	24.81	24.35	---	16.90	16.94	16.89	---
VHT20	3	5180	24.17	24.87	25.45	---	17.94	17.97	17.98	---
VHT20	3	5200	25.33	25.57	26.43	---	18.05	18.01	17.97	---
VHT20	3	5240	24.81	25.16	25.74	---	17.95	17.96	17.95	---
VHT40	3	5190	49.16	48.23	47.19	---	36.94	36.88	36.84	---
VHT40	3	5230	52.17	48.46	48.81	---	37.18	36.84	37.02	---
VHT80	3	5210	95.07	92.52	87.42	---	76.80	76.60	76.32	---

Worst Plot of 26dB Bandwidth	Worst Plot of 99% Bandwidth
	

For Frequency band 5725-5850 MHz											
Emission Bandwidth											
Mode	N_{TX}	Freq. (MHz)	OBW Bandwidth (MHz)				6dB Bandwidth (MHz)				
			Chain 0	Chain 1	Chain 2	Chain 3	Chain 0	Chain 1	Chain 2	Chain 3	6dB BW Limit (MHz)
11a	3	5745	16.89	16.91	16.93	---	16.29	16.29	16.35	---	0.5
11a	3	5785	18.17	17.18	17.87	---	16.06	16.29	16.29	---	0.5
11a	3	5825	16.88	16.87	16.88	---	16.06	16.29	16.29	---	0.5
VHT20	3	5745	17.99	17.87	18.00	---	17.51	17.16	17.33	---	0.5
VHT20	3	5785	18.38	18.21	18.65	---	17.57	16.93	16.35	---	0.5
VHT20	3	5825	17.96	17.98	17.99	---	16.93	16.93	16.93	---	0.5
VHT40	3	5755	36.90	37.04	36.94	---	36.17	36.41	35.83	---	0.5
VHT40	3	5795	37.02	36.84	36.82	---	35.59	36.29	35.71	---	0.5
VHT80	3	5775	76.52	76.60	76.60	---	75.13	75.83	75.59	---	0.5

Worst Plot of 99% Bandwidth	Worst Plot of 6dB Bandwidth
	

3.3 RF Output Power

3.3.1 Limit of RF Output Power

Frequency band 5150-5250 MHz		
Operating Mode		**Limit**
☐	Outdoor access point	Conducted Power: 1 W The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm)
☒	Indoor access point	Conducted Power: 1 W
☐	Fixed point-to-point access points	Conducted Power: 1 W
☐	Mobile and portable client devices	Conducted Power: 250 mW

Frequency Band (MHz)		**Limit**
☐	5250 ~ 5350	250mW or 11dBm+10 log B
☐	5470 ~ 5725	250mW or 11dBm+10 log B
☒	5725 ~ 5850	1 W
Note: “B” is the 26dB emission bandwidth in MHz.		

3.3.2 Test Procedures

☒ **Method PM-G (Measurement using a gated RF average power meter)**

☒ Measurements may is performed using a wideband gated RF power meter provided that the gate parameters are adjusted such that the power is measured only when the EUT is transmitting at its maximum power control level. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

3.3.3 Test Setup

3.3.4 Test Result of Maximum Conducted Output Power

Test Configuration 1: Dipole antenna with 3dBi gain

For Frequency band 5150-5250 MHz									
Mode	N_{TX}	Freq. (MHz)	Conducted Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)
			Chain 0	Chain 1	Chain 2	Chain 3			
11a	3	5180	19.75	19.29	19.78	---	274.385	24.38	30.00
11a	3	5200	22.47	22.05	22.41	---	511.109	27.09	30.00
11a	3	5240	22.68	22.23	22.63	---	535.694	27.29	30.00
HT20	3	5180	19.61	19.24	19.82	---	271.297	24.33	30.00
HT20	3	5200	23.02	22.75	23.13	---	594.401	27.74	30.00
HT20	3	5240	22.53	22.16	22.46	---	519.695	27.16	30.00
HT40	3	5190	15.45	15.01	15.63	---	103.330	20.14	30.00
HT40	3	5230	21.39	20.95	21.59	---	406.384	26.09	30.00
VHT20	3	5180	19.64	19.28	19.88	---	274.042	24.38	30.00
VHT20	3	5200	23.1	22.8	23.19	---	603.169	**27.80**	30.00
VHT20	3	5240	22.6	22.23	22.52	---	527.728	27.22	30.00
VHT40	3	5190	15.51	15.06	15.71	---	104.865	20.21	30.00
VHT40	3	5230	21.45	21.02	21.67	---	413.003	26.16	30.00
VHT80	3	5210	11.92	11.83	11.99	---	46.613	16.69	30.00

For Frequency band 5725-5850 MHz									
Mode	N_{TX}	Freq. (MHz)	Conducted Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)
			Chain 0	Chain 1	Chain 2	Chain 3			
11a	3	5745	19.22	18.77	19.54	---	248.846	23.96	30.00
11a	3	5785	21.87	21.51	22.31	---	465.611	**26.68**	30.00
11a	3	5825	20.71	20.09	20.67	---	336.536	25.27	30.00
HT20	3	5745	18.63	18.15	19.03	---	218.242	23.39	30.00
HT20	3	5785	21.76	21.42	22.18	---	453.840	26.57	30.00
HT20	3	5825	20.22	19.62	19.97	---	296.130	24.71	30.00
HT40	3	5755	18.15	17.73	18.46	---	194.751	22.89	30.00
HT40	3	5795	18.63	18.22	19.17	---	221.924	23.46	30.00
VHT20	3	5745	18.71	18.23	19.10	---	222.112	23.47	30.00
VHT20	3	5785	21.81	21.47	22.23	---	459.095	26.62	30.00
VHT20	3	5825	20.27	19.69	20.00	---	299.525	24.76	30.00
VHT40	3	5755	12.31	11.98	12.48	---	50.499	17.03	30.00
VHT40	3	5795	18.66	18.27	19.21	---	223.962	23.50	30.00
VHT80	3	5775	10.41	10.22	10.85	---	33.672	15.27	30.00

Test Configuration 2: PIFA antenna with 6dBi gain

For Frequency band 5150-5250 MHz									
Mode	N_{TX}	Freq. (MHz)	Conducted Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)
			Chain 0	Chain 1	Chain 2	Chain 3			
11a	3	5180	19.75	19.29	19.78	---	274.385	24.38	30.00
11a	3	5200	20.72	20.21	20.67	---	339.667	25.31	30.00
11a	3	5240	20.3	19.89	20.3	---	311.803	24.94	30.00
HT20	3	5180	19.61	19.24	19.82	---	271.297	24.33	30.00
HT20	3	5200	20.09	19.67	20.32	---	302.423	24.81	30.00
HT20	3	5240	20.25	19.89	20.26	---	309.594	24.91	30.00
HT40	3	5190	13.01	12.72	13.28	---	59.987	17.78	30.00
HT40	3	5230	21.39	20.95	21.59	---	406.384	26.09	30.00
VHT20	3	5180	19.64	19.28	19.88	---	274.042	24.38	30.00
VHT20	3	5200	20.12	19.71	20.35	---	304.735	24.84	30.00
VHT20	3	5240	20.29	19.93	20.28	---	311.966	24.94	30.00
VHT40	3	5190	13.05	12.75	13.31	---	60.449	17.81	30.00
VHT40	3	5230	21.45	21.02	21.67	---	413.003	**26.16**	30.00
VHT80	3	5210	11.38	11.23	11.58	---	41.402	16.17	30.00

For Frequency band 5725-5850 MHz									
Mode	N_{TX}	Freq. (MHz)	Conducted Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)
			Chain 0	Chain 1	Chain 2	Chain 3			
11a	3	5745	19.46	19.2	19.88	---	268.759	24.29	30.00
11a	3	5785	19.22	18.93	19.97	---	261.035	24.17	30.00
11a	3	5825	19.37	18.88	19.36	---	250.063	23.98	30.00
HT20	3	5745	19.42	19.11	19.97	---	268.280	24.29	30.00
HT20	3	5785	19.27	18.91	19.82	---	258.272	24.12	30.00
HT20	3	5825	19.27	18.75	19.14	---	241.552	23.83	30.00
HT40	3	5755	14.12	13.82	14.43	---	77.655	18.90	30.00
HT40	3	5795	19.51	19.11	20.15	---	274.315	24.38	30.00
VHT20	3	5745	19.48	19.14	20.02	---	271.212	24.33	30.00
VHT20	3	5785	19.32	18.94	19.86	---	260.677	24.16	30.00
VHT20	3	5825	19.34	18.8	19.23	---	245.512	23.90	30.00
VHT40	3	5755	14.17	13.86	14.47	---	78.433	18.95	30.00
VHT40	3	5795	19.58	19.19	20.21	---	278.721	**24.45**	30.00
VHT80	3	5775	10.41	10.22	10.85	---	33.672	15.27	30.00

Test Configuration 3: Panel antenna with 5.5dBi gain

For Frequency band 5150-5250 MHz									
Mode	N_{TX}	Freq. (MHz)	Conducted Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)
			Chain 0	Chain 1	Chain 2	Chain 3			
11a	3	5180	16.55	16.33	16.87	---	136.780	21.36	30.00
11a	3	5200	20.72	20.21	20.67	---	339.667	25.31	30.00
11a	3	5240	20.86	20.43	20.73	---	350.611	25.45	30.00
HT20	3	5180	15.51	15.33	15.76	---	107.353	20.31	30.00
HT20	3	5200	20.49	20.3	20.94	---	343.261	25.36	30.00
HT20	3	5240	21.15	20.84	20.91	---	374.966	25.74	30.00
HT40	3	5190	9.94	9.91	10.39	---	30.597	14.86	30.00
HT40	3	5230	19.69	19.48	19.91	---	279.775	24.47	30.00
VHT20	3	5180	15.56	15.37	15.82	---	108.604	20.36	30.00
VHT20	3	5200	20.52	20.35	20.97	---	346.138	25.39	30.00
VHT20	3	5240	21.21	20.89	20.96	---	379.612	**25.79**	30.00
VHT40	3	5190	9.98	9.97	10.43	---	30.926	14.90	30.00
VHT40	3	5230	19.75	19.54	19.95	---	283.211	24.52	30.00
VHT80	3	5210	8.76	8.77	9.14	---	23.253	13.66	30.00

For Frequency band 5725-5850 MHz									
Mode	N_{TX}	Freq. (MHz)	Conducted Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)
			Chain 0	Chain 1	Chain 2	Chain 3			
11a	3	5745	16.25	15.63	17.1	---	130.015	21.14	30.00
11a	3	5785	21.87	21.51	22.31	---	465.611	**26.68**	30.00
11a	3	5825	19.05	18.49	18.87	---	228.075	23.58	30.00
HT20	3	5745	15.09	14.66	15.77	---	99.284	19.97	30.00
HT20	3	5785	21.44	20.72	21.65	---	403.565	26.06	30.00
HT20	3	5825	17.8	17.19	17.94	---	174.846	22.43	30.00
HT40	3	5755	9.01	8.62	8.88	---	22.966	13.61	30.00
HT40	3	5795	18.59	18.23	19.15	---	221.029	23.44	30.00
VHT20	3	5745	15.12	14.73	15.81	---	100.332	20.01	30.00
VHT20	3	5785	21.5	20.77	21.7	---	408.563	26.11	30.00
VHT20	3	5825	17.85	17.24	17.95	---	176.294	22.46	30.00
VHT40	3	5755	9.07	8.70	9.02	---	23.465	13.70	30.00
VHT40	3	5795	18.66	18.27	19.21	---	223.962	23.50	30.00
VHT80	3	5775	8.32	7.93	8.32	---	19.793	12.97	30.00

Test Configuration 4: Panel antenna with 6dBi gain

For Frequency band 5150-5250 MHz									
Mode	N_{TX}	Freq. (MHz)	Conducted Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)
			Chain 0	Chain 1	Chain 2	Chain 3			
11a	3	5180	19.75	19.29	19.78	---	274.385	24.38	30.00
11a	3	5200	20.72	20.21	20.67	---	339.667	25.31	30.00
11a	3	5240	20.30	19.89	20.30	---	311.803	24.94	30.00
HT20	3	5180	19.61	19.24	19.82	---	271.297	24.33	30.00
HT20	3	5200	20.07	19.69	20.29	---	301.641	24.79	30.00
HT20	3	5240	20.27	19.91	20.25	---	310.289	24.92	30.00
HT40	3	5190	13.01	12.72	13.28	---	59.987	17.78	30.00
HT40	3	5230	21.39	20.95	21.59	---	406.384	26.09	30.00
VHT20	3	5180	19.64	19.28	19.88	---	274.042	24.38	30.00
VHT20	3	5200	20.12	19.71	20.35	---	304.735	24.84	30.00
VHT20	3	5240	20.29	19.93	20.28	---	311.966	24.94	30.00
VHT40	3	5190	13.05	12.75	13.31	---	60.449	17.81	30.00
VHT40	3	5230	21.45	21.02	21.67	---	413.003	**26.16**	30.00
VHT80	3	5210	12.45	12.20	12.63	---	52.498	17.20	30.00

For Frequency band 5725-5850 MHz									
Mode	N_{TX}	Freq. (MHz)	Conducted Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)
			Chain 0	Chain 1	Chain 2	Chain 3			
11a	3	5745	19.46	19.20	19.88	---	268.759	24.29	30.00
11a	3	5785	21.87	21.51	22.31	---	465.611	**26.68**	30.00
11a	3	5825	20.98	20.35	20.85	---	355.325	25.51	30.00
HT20	3	5745	19.10	18.66	19.43	---	242.435	23.85	30.00
HT20	3	5785	21.76	21.42	22.18	---	453.840	26.57	30.00
HT20	3	5825	20.36	19.83	20.44	---	315.466	24.99	30.00
HT40	3	5755	13.71	13.42	13.82	---	69.574	18.42	30.00
HT40	3	5795	20.15	19.52	20.72	---	311.083	24.93	30.00
VHT20	3	5745	19.13	18.70	19.47	---	244.489	23.88	30.00
VHT20	3	5785	21.81	21.47	22.23	---	459.095	26.62	30.00
VHT20	3	5825	20.42	19.89	20.52	---	320.373	25.06	30.00
VHT40	3	5755	13.75	13.45	13.87	---	70.223	18.46	30.00
VHT40	3	5795	20.21	19.56	20.75	---	314.169	24.97	30.00
VHT80	3	5775	10.98	10.79	11.39	---	38.298	15.83	30.00

Test Configuration 5: Omni antenna with 2dBi gain

For Frequency band 5150-5250 MHz									
Mode	N_{TX}	Freq. (MHz)	Conducted Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)
			Chain 0	Chain 1	Chain 2	Chain 3			
11a	3	5180	20.68	20.22	20.66	---	338.559	25.30	30.00
11a	3	5200	23.44	23.09	23.51	---	648.893	**28.12**	30.00
11a	3	5240	23.19	22.82	23.11	---	604.519	27.81	30.00
HT20	3	5180	20.68	20.22	20.64	---	338.024	25.29	30.00
HT20	3	5200	23.29	23.05	23.48	---	637.985	28.05	30.00
HT20	3	5240	23.28	22.91	23.29	---	621.552	27.93	30.00
HT40	3	5190	13.42	13.17	13.57	---	65.479	18.16	30.00
HT40	3	5230	21.39	20.95	21.59	---	406.384	26.09	30.00
VHT20	3	5180	20.73	20.28	20.68	---	341.914	25.34	30.00
VHT20	3	5200	23.36	23.10	23.52	---	645.850	28.10	30.00
VHT20	3	5240	23.33	22.99	23.34	---	630.120	27.99	30.00
VHT40	3	5190	13.47	13.22	13.63	---	66.290	18.21	30.00
VHT40	3	5230	21.45	21.02	21.67	---	413.003	26.16	30.00
VHT80	3	5210	12.45	12.20	12.63	---	52.498	17.20	30.00

For Frequency band 5725-5850 MHz									
Mode	N_{TX}	Freq. (MHz)	Conducted Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)
			Chain 0	Chain 1	Chain 2	Chain 3			
11a	3	5745	18.64	18.4	19.07	---	223.021	23.48	30.00
11a	3	5785	21.87	21.51	22.31	---	465.611	**26.68**	30.00
11a	3	5825	20.71	20.09	20.67	---	336.536	25.27	30.00
HT20	3	5745	18.66	18.18	19.02	---	219.017	23.40	30.00
HT20	3	5785	21.76	21.42	22.18	---	453.840	26.57	30.00
HT20	3	5825	20.36	19.83	20.44	---	315.466	24.99	30.00
HT40	3	5755	13.07	13.01	13.44	---	62.355	17.95	30.00
HT40	3	5795	19.51	19.11	20.15	---	274.315	24.38	30.00
VHT20	3	5745	18.71	18.23	19.10	---	222.112	23.47	30.00
VHT20	3	5785	21.81	21.47	22.23	---	459.095	26.62	30.00
VHT20	3	5825	20.42	19.89	20.52	---	320.373	25.06	30.00
VHT40	3	5755	13.16	13.06	13.48	---	63.216	18.01	30.00
VHT40	3	5795	19.58	19.19	20.21	---	278.721	24.45	30.00
VHT80	3	5775	10.98	10.79	11.39	---	38.298	15.83	30.00

Test Configuration 6: Sector antenna with 5dBi gain

For Frequency band 5150-5250 MHz									
Mode	N_{TX}	Freq. (MHz)	Conducted Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)
			Chain 0	Chain 1	Chain 2	Chain 3			
11a	3	5180	19.27	18.95	19.44	---	250.954	24.00	30.00
11a	3	5200	21.10	20.67	21.17	---	376.424	25.76	30.00
11a	3	5240	20.86	20.43	20.73	---	350.611	25.45	30.00
HT20	3	5180	18.67	18.04	18.59	---	209.577	23.21	30.00
HT20	3	5200	21.07	20.64	21.13	---	373.534	25.72	30.00
HT20	3	5240	20.81	20.41	20.68	---	347.354	25.41	30.00
HT40	3	5190	12.59	12.35	12.86	---	54.654	17.38	30.00
HT40	3	5230	21.39	20.95	21.59	---	406.384	26.09	30.00
VHT20	3	5180	18.73	18.11	18.65	---	212.642	23.28	30.00
VHT20	3	5200	21.10	20.67	21.17	---	376.424	25.76	30.00
VHT20	3	5240	20.83	20.46	20.69	---	349.453	25.43	30.00
VHT40	3	5190	12.64	12.40	12.89	---	55.197	17.42	30.00
VHT40	3	5230	21.45	21.02	21.67	---	413.003	**26.16**	30.00
VHT80	3	5210	11.38	11.23	11.58	---	41.402	16.17	30.00

For Frequency band 5725-5850 MHz									
Mode	N_{TX}	Freq. (MHz)	Conducted Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)
			Chain 0	Chain 1	Chain 2	Chain 3			
11a	3	5745	19.22	18.77	19.54	---	248.846	23.96	30.00
11a	3	5785	21.87	21.51	22.31	---	465.611	**26.68**	30.00
11a	3	5825	19.52	19.17	19.65	---	264.397	24.22	30.00
HT20	3	5745	18.15	17.76	18.36	---	193.565	22.87	30.00
HT20	3	5785	21.76	21.42	22.18	---	453.840	26.57	30.00
HT20	3	5825	20.22	19.62	19.97	---	296.130	24.71	30.00
HT40	3	5755	12.25	11.91	12.41	---	49.730	16.97	30.00
HT40	3	5795	19.51	19.11	20.15	---	274.315	24.38	30.00
VHT20	3	5745	18.19	17.81	18.42	---	195.815	22.92	30.00
VHT20	3	5785	21.81	21.47	22.23	---	459.095	26.62	30.00
VHT20	3	5825	20.27	19.69	20.00	---	299.525	24.76	30.00
VHT40	3	5755	12.31	11.98	12.48	---	50.499	17.03	30.00
VHT40	3	5795	19.58	19.19	20.21	---	278.721	24.45	30.00
VHT80	3	5775	10.41	10.22	10.85	---	33.672	15.27	30.00

3.4 Peak Power Spectral Density

3.4.1 Limit of Peak Power Spectral Density

Frequency band 5150-5250 MHz		
Operating Mode		**Limit**
☐	Outdoor access point	17 dBm / MHz
☐	Indoor access point	17 dBm / MHz
☒	Fixed point-to-point access points	17 dBm / MHz
☐	Mobile and portable client devices	11 dBm / MHz

Frequency Band (MHz)		**Limit**
☐	5250 ~ 5350	11 dBm / MHz
☐	5470 ~ 5725	11 dBm / MHz
☒	5725 ~ 5850	30 dBm / 500 kHz

3.4.2 Test Procedures

For 5150 ~ 5250 MHz

☒ Method SA-1 (for 11a/VHT20)

1. Set RBW = 1 MHz, VBW = 3 MHz, Sweep time = auto, Detector = RMS.
2. Trace average 100 traces.
3. Use the peak marker function to determine the maximum amplitude level.

☒ Method SA-2 Alternative (for VHT40/VHT80)

1. Set RBW = 1 MHz, VBW = 3 MHz, Detector = RMS.
2. Set sweep time ≥ 10 * (number of points in sweep) * (total on/off period of the transmitted signal).
3. Perform a single sweep.
4. Use the peak marker function to determine the maximum amplitude level.
5. Add 10 log(1/x), where x is the duty cycle.

For 5725 ~ 5850 MHz

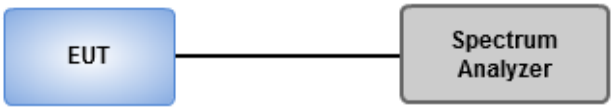
☒ Method SA-1 (for 11a/VHT20)

1. Set RBW = 500 kHz, VBW = 2 MHz, Sweep time = auto, Detector = RMS.
2. Trace average 100 traces.
3. Use the peak marker function to determine the maximum amplitude level.

☒ Method SA-2 Alternative (for VHT40/VHT80)

1. Set RBW = 500 kHz, VBW = 2 MHz, Detector = RMS.
2. Set sweep time ≥ 10 * (number of points in sweep) * (total on/off period of the transmitted signal).
3. Perform a single sweep.
4. Use the peak marker function to determine the maximum amplitude level.
5. Add 10 log(1/x), where x is the duty cycle.

3.4.3 Test Setup



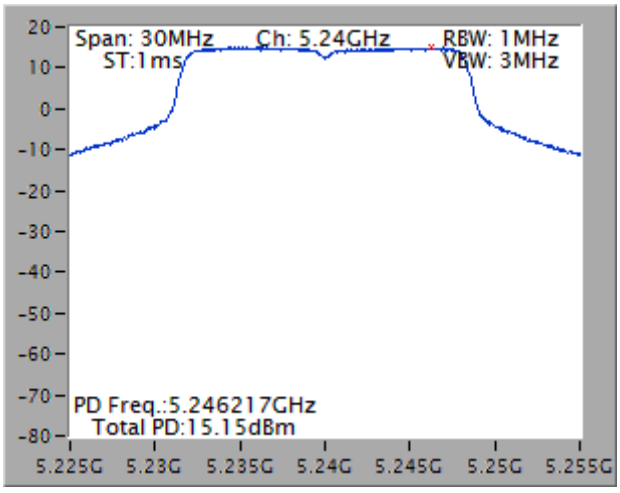
3.4.4 Test Result of Peak Power Spectral Density

Test Configuration 1: Dipole antenna with 3dBi gain

For Frequency band 5150-5250 MHz						
Condition			Peak Power Spectral Density (dBm/MHz)			
Modulation Mode	N_{TX}	Freq. (MHz)	PPSD w/o D.F (dBm/MHz)	Duty Factor (dB)	PPSD with D.F (dBm/MHz)	PPSD Limit (dBm/MHz)
11a	3	5180	11.43	0.00	11.43	15.23
11a	3	5200	14.66	0.00	14.66	15.23
11a	3	5240	15.15	0.00	15.15	15.23
VHT20	3	5180	11.17	0.00	11.17	15.23
VHT20	3	5200	14.85	0.00	14.85	15.23
VHT20	3	5240	13.64	0.00	13.64	15.23
VHT40	3	5190	3.15	0.20	3.35	15.23
VHT40	3	5230	9.48	0.20	9.68	15.23
VHT80	3	5210	-3.56	0.46	-3.10	15.23

Note:
1. D.F is duty factor.
2. Test results are bin-by-bin summing measured value of each TX port.
3. Directional gain = 3+10* log(3/1) = 7.77 dBi > 6 dBi.
   Limit shall be reduced to 17 dBm – (7.77 dBi – 6 dBi) = 15.23 dBm.

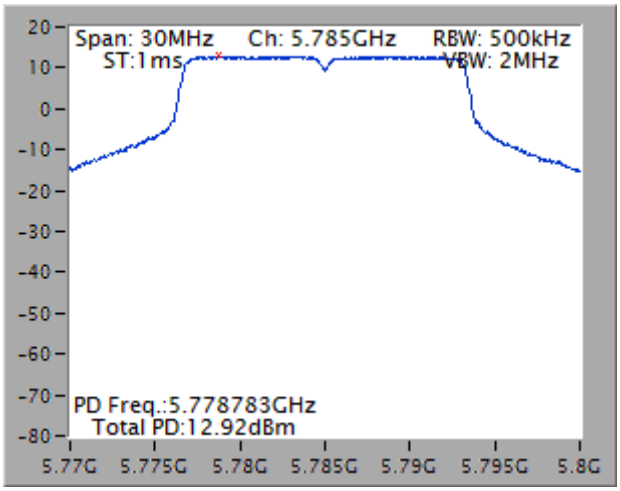
Worst Plot



For Frequency band 5725-5850 MHz						
Condition			Peak Power Spectral Density (dBm/500kHz)			
Modulation Mode	N_{TX}	Freq. (MHz)	PPSD w/o D.F (dBm/500kHz)	Duty Factor (dB)	PPSD with D.F (dBm/500kHz)	PPSD Limit (dBm/500kHz)
11a	3	5745	8.8	0.00	8.80	28.23
11a	3	5785	12.92	0.00	12.92	28.23
11a	3	5825	10.71	0.00	10.71	28.23
VHT20	3	5745	8.03	0.00	8.03	28.23
VHT20	3	5785	12.53	0.00	12.53	28.23
VHT20	3	5825	9.81	0.00	9.81	28.23
VHT40	3	5755	-1.60	0.20	-1.40	28.23
VHT40	3	5795	5.82	0.20	6.02	28.23
VHT80	3	5775	-5.91	0.46	-5.45	28.23

Note:
1. D.F is duty factor.
2. Test results are bin-by-bin summing measured value of each TX port.
3. Directional gain = 3+10* log(3/1) = 7.77 dBi > 6 dBi.
   Limit shall be reduced to 30 dBm – (7.77 dBi – 6 dBi) = 28.23 dBm.

Worst Plot

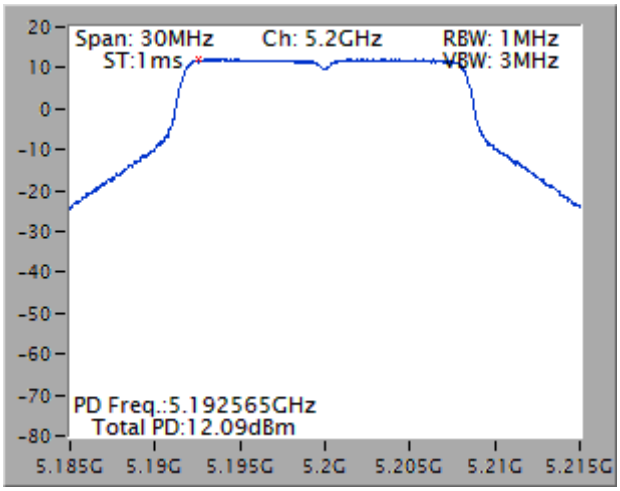


Test Configuration 2: PIFA antenna with 6dBi gain

For Frequency band 5150-5250 MHz						
Condition			Peak Power Spectral Density (dBm/MHz)			
Modulation Mode	N_{TX}	Freq. (MHz)	PPSD w/o D.F (dBm/MHz)	Duty Factor (dB)	PPSD with D.F (dBm/MHz)	PPSD Limit (dBm/MHz)
11a	3	5180	11.43	0.00	11.43	12.23
11a	3	5200	12.09	0.00	12.09	12.23
11a	3	5240	11.88	0.00	11.88	12.23
VHT20	3	5180	11.17	0.00	11.17	12.23
VHT20	3	5200	11.61	0.00	11.61	12.23
VHT20	3	5240	11.90	0.00	11.90	12.23
VHT40	3	5190	1.88	0.20	2.08	12.23
VHT40	3	5230	9.48	0.20	9.68	12.23
VHT80	3	5210	-3.48	0.46	-3.02	12.23

Note:
1. D.F is duty factor.
2. Test results are bin-by-bin summing measured value of each TX port.
3. Directional gain = 6+10* log(3/1) = 10.77 dBi > 6 dBi.
   Limit shall be reduced to 17 dBm – (10.77 dBi – 6 dBi) = 12.23 dBm.

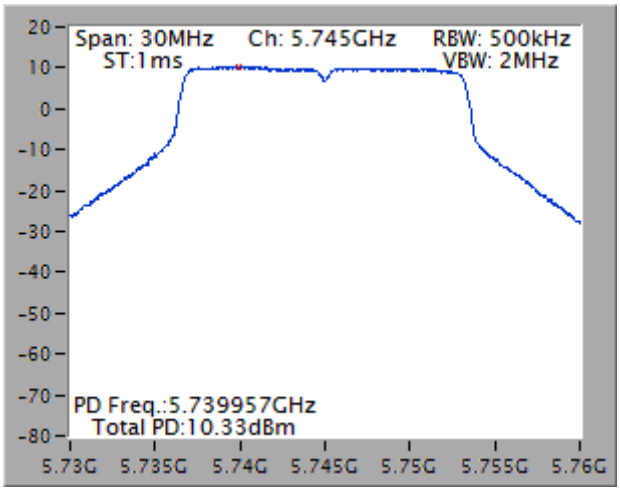
Worst Plot



For Frequency band 5725-5850 MHz						
Condition			Peak Power Spectral Density (dBm/500kHz)			
Modulation Mode	N_{TX}	Freq. (MHz)	PPSD w/o D.F (dBm/500kHz)	Duty Factor (dB)	PPSD with D.F (dBm/500kHz)	PPSD Limit (dBm/500kHz)
11a	3	5745	10.33	0.00	10.33	25.23
11a	3	5785	9.81	0.00	9.81	25.23
11a	3	5825	10.05	0.00	10.05	25.23
VHT20	3	5745	10.22	0.00	10.22	25.23
VHT20	3	5785	9.8	0.00	9.80	25.23
VHT20	3	5825	9.63	0.00	9.63	25.23
VHT40	3	5755	1.11	0.20	1.31	25.23
VHT40	3	5795	6.93	0.20	7.13	25.23
VHT80	3	5775	-5.91	0.46	-5.45	25.23

Note:
1. D.F is duty factor.
2. Test results are bin-by-bin summing measured value of each TX port.
3. Directional gain = 6+10* log(3/1) = 10.77 dBi > 6 dBi.
   Limit shall be reduced to 30 dBm – (10.77 dBi – 6 dBi) = 25.23 dBm.

Worst Plot

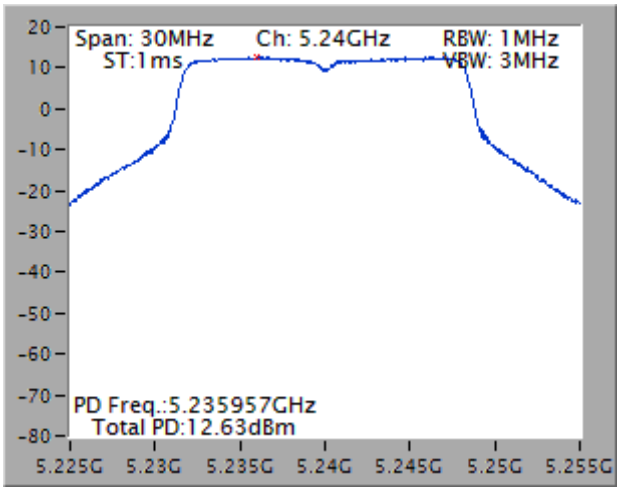


Test Configuration 3: Panel antenna with 5.5dBi gain

For Frequency band 5150-5250 MHz						
Condition			Peak Power Spectral Density (dBm/MHz)			
Modulation Mode	N_{TX}	Freq. (MHz)	PPSD w/o D.F (dBm/MHz)	Duty Factor (dB)	PPSD with D.F (dBm/MHz)	PPSD Limit (dBm/MHz)
11a	3	5180	8.35	0.00	8.35	12.73
11a	3	5200	12.09	0.00	12.09	12.73
11a	3	5240	12.63	0.00	12.63	12.73
VHT20	3	5180	7.62	0.00	7.62	12.73
VHT20	3	5200	12.25	0.00	12.25	12.73
VHT20	3	5240	12.53	0.00	12.53	12.73
VHT40	3	5190	-1.29	0.20	-1.09	12.73
VHT40	3	5230	8.18	0.20	8.38	12.73
VHT80	3	5210	-6.03	0.46	-5.57	12.73

Note:
1. D.F is duty factor.
2. Test results are bin-by-bin summing measured value of each TX port.
3. Directional gain = 5.5+10* log(3/1) = 10.27 dBi > 6 dBi.
   Limit shall be reduced to 17 dBm – (10.27 dBi – 6 dBi) = 12.73 dBm.

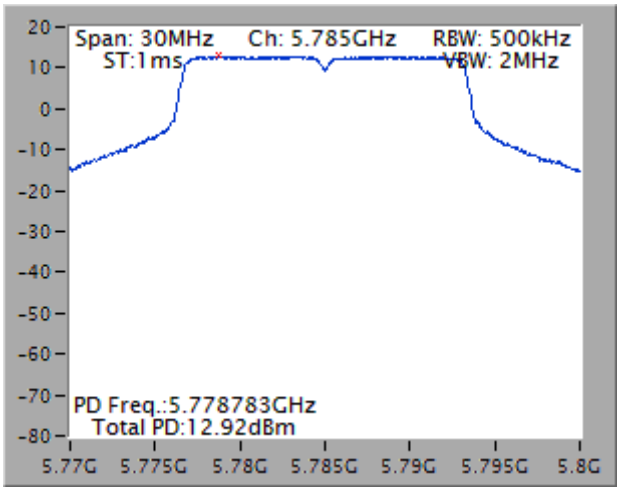
Worst Plot



For Frequency band 5725-5850 MHz						
Condition			Peak Power Spectral Density (dBm/500kHz)			
Modulation Mode	N_{TX}	Freq. (MHz)	PPSD w/o D.F (dBm/500kHz)	Duty Factor (dB)	PPSD with D.F (dBm/500kHz)	PPSD Limit (dBm/500kHz)
11a	3	5745	7.28	0.00	7.28	25.73
11a	3	5785	12.92	0.00	12.92	25.73
11a	3	5825	9.67	0.00	9.67	25.73
VHT20	3	5745	5.98	0.00	5.98	25.73
VHT20	3	5785	12.04	0.00	12.04	25.73
VHT20	3	5825	8.15	0.00	8.15	25.73
VHT40	3	5755	-3.88	0.20	-3.68	25.73
VHT40	3	5795	5.82	0.20	6.02	25.73
VHT80	3	5775	-8.24	0.46	-7.78	25.73

Note:
1. D.F is duty factor.
2. Test results are bin-by-bin summing measured value of each TX port.
3. Directional gain = 5.5+10* log(3/1) = 10.27 dBi > 6 dBi.
   Limit shall be reduced to 30 dBm – (10.27 dBi – 6 dBi) = 25.73 dBm.

Worst Plot

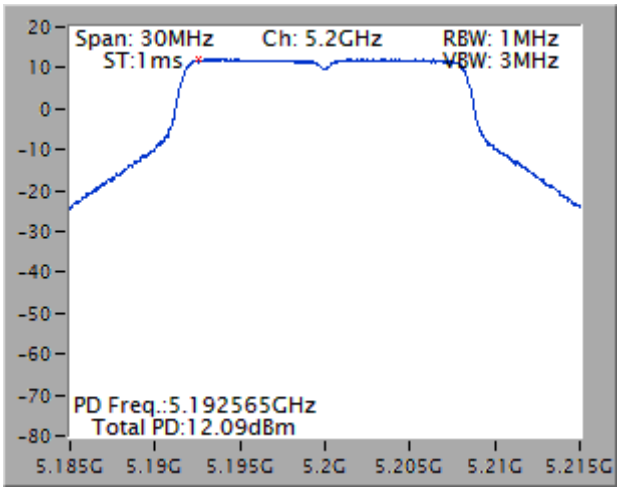


Test Configuration 4: Panel antenna with 6dBi gain

For Frequency band 5150-5250 MHz						
Condition			Peak Power Spectral Density (dBm/MHz)			
Modulation Mode	N_{TX}	Freq. (MHz)	PPSD w/o D.F (dBm/MHz)	Duty Factor (dB)	PPSD with D.F (dBm/MHz)	PPSD Limit (dBm/MHz)
11a	3	5180	11.43	0.00	11.43	12.23
11a	3	5200	12.09	0.00	12.09	12.23
11a	3	5240	11.88	0.00	11.88	12.23
VHT20	3	5180	11.17	0.00	11.17	12.23
VHT20	3	5200	11.61	0.00	11.61	12.23
VHT20	3	5240	11.9	0.00	11.90	12.23
VHT40	3	5190	1.88	0.20	2.08	12.23
VHT40	3	5230	9.48	0.20	9.68	12.23
VHT80	3	5210	-2.57	0.46	-2.11	12.23

Note:
1. D.F is duty factor.
2. Test results are bin-by-bin summing measured value of each TX port.
3. Directional gain = 6+10* log(3/1) = 10.77 dBi > 6 dBi.
   Limit shall be reduced to 17 dBm – (10.77 dBi – 6 dBi) = 12.23 dBm.

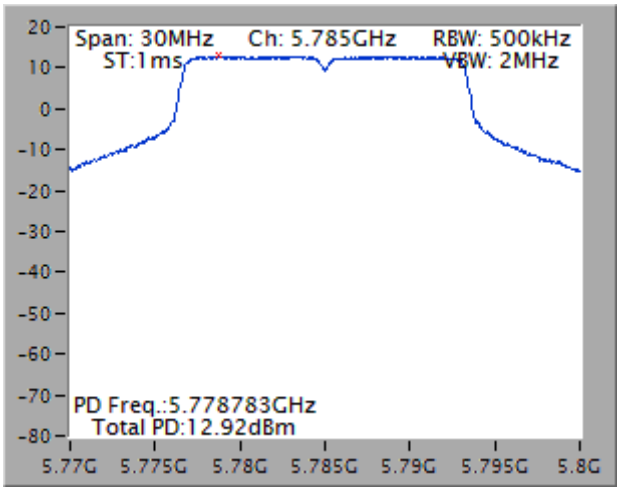
Worst Plot



For Frequency band 5725-5850 MHz						
Condition			Peak Power Spectral Density (dBm/500kHz)			
Modulation Mode	N_{TX}	Freq. (MHz)	PPSD w/o D.F (dBm/500kHz)	Duty Factor (dB)	PPSD with D.F (dBm/500kHz)	PPSD Limit (dBm/500kHz)
11a	3	5745	10.33	0.00	10.33	25.23
11a	3	5785	12.92	0.00	12.92	25.23
11a	3	5825	11.75	0.00	11.75	25.23
VHT20	3	5745	9.42	0.00	9.42	25.23
VHT20	3	5785	12.53	0.00	12.53	25.23
VHT20	3	5825	10.96	0.00	10.96	25.23
VHT40	3	5755	0.67	0.20	0.87	25.23
VHT40	3	5795	7.28	0.20	7.48	25.23
VHT80	3	5775	-5.24	0.46	-4.78	25.23

Note:
1. D.F is duty factor.
2. Test results are bin-by-bin summing measured value of each TX port.
3. Directional gain = 6+10* log(3/1) = 10.77 dBi > 6 dBi.
   Limit shall be reduced to 30 dBm – (10.77 dBi – 6 dBi) = 25.23 dBm.

Worst Plot

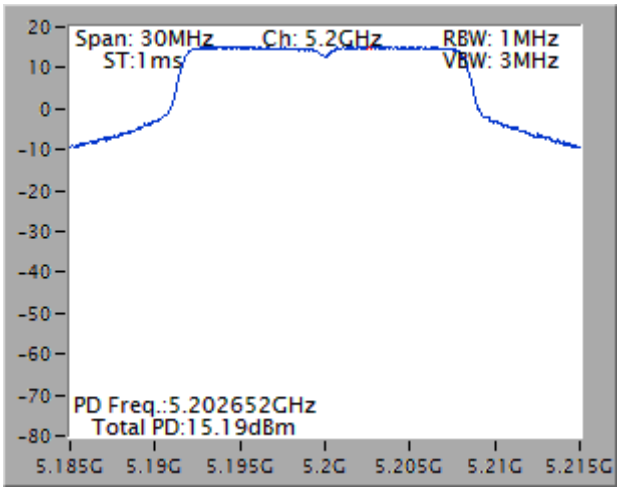


Test Configuration 5: Omni antenna with 2dBi gain

For Frequency band 5150-5250 MHz						
Condition			Peak Power Spectral Density (dBm/MHz)			
Modulation Mode	N_{TX}	Freq. (MHz)	PPSD w/o D.F (dBm/MHz)	Duty Factor (dB)	PPSD with D.F (dBm/MHz)	PPSD Limit (dBm/MHz)
11a	3	5180	12.59	0.00	12.59	16.23
11a	3	5200	15.19	0.00	15.19	16.23
11a	3	5240	14.95	0.00	14.95	16.23
VHT20	3	5180	11.77	0.00	11.77	16.23
VHT20	3	5200	14.47	0.00	14.47	16.23
VHT20	3	5240	14.96	0.00	14.96	16.23
VHT40	3	5190	1.59	0.20	1.79	16.23
VHT40	3	5230	9.48	0.20	9.68	16.23
VHT80	3	5210	-2.57	0.46	-2.11	16.23

Note:
1. D.F is duty factor.
2. Test results are bin-by-bin summing measured value of each TX port.
3. Directional gain = 2+10* log(3/1) = 6.77 dBi > 6 dBi.
   Limit shall be reduced to 17 dBm – (6.77 dBi – 6 dBi) = 16.23 dBm.

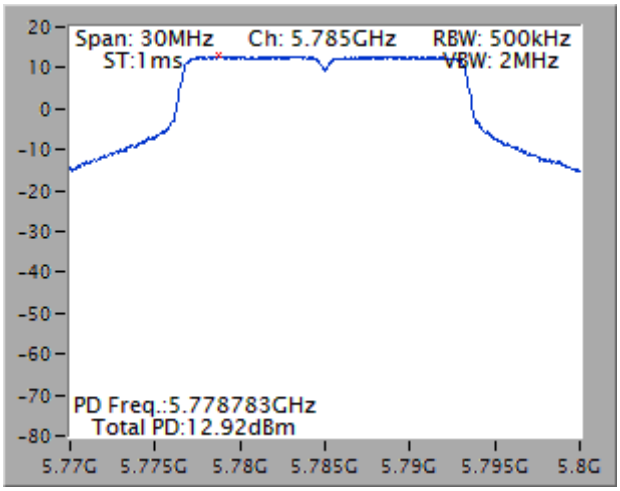
Worst Plot



For Frequency band 5725-5850 MHz						
Condition			Peak Power Spectral Density (dBm/500kHz)			
Modulation Mode	N_{TX}	Freq. (MHz)	PPSD w/o D.F (dBm/500kHz)	Duty Factor (dB)	PPSD with D.F (dBm/500kHz)	PPSD Limit (dBm/500kHz)
11a	3	5745	8.46	0.00	8.46	29.23
11a	3	5785	12.92	0.00	12.92	29.23
11a	3	5825	10.71	0.00	10.71	29.23
VHT20	3	5745	8.03	0.00	8.03	29.23
VHT20	3	5785	12.53	0.00	12.53	29.23
VHT20	3	5825	10.96	0.00	10.96	29.23
VHT40	3	5755	-0.50	0.20	-0.30	29.23
VHT40	3	5795	6.93	0.20	7.13	29.23
VHT80	3	5775	-5.24	0.46	-4.78	29.23

Note:
1. D.F is duty factor.
2. Test results are bin-by-bin summing measured value of each TX port.
3. Directional gain = 2+10* log(3/1) = 6.77 dBi > 6 dBi.
   Limit shall be reduced to 30 dBm – (6.77 dBi – 6 dBi) = 29.23 dBm.

Worst Plot

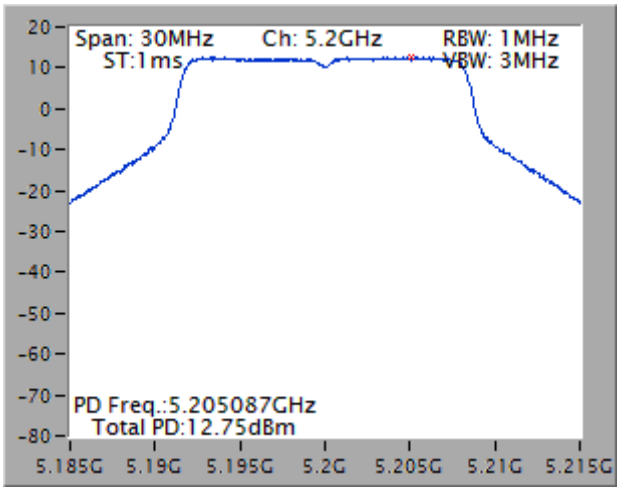


Test Configuration 6: Sector antenna with 5dBi gain

For Frequency band 5150-5250 MHz						
Condition			Peak Power Spectral Density (dBm/MHz)			
Modulation Mode	N_{TX}	Freq. (MHz)	PPSD w/o D.F (dBm/MHz)	Duty Factor (dB)	PPSD with D.F (dBm/MHz)	PPSD Limit (dBm/MHz)
11a	3	5180	10.96	0.00	10.96	13.23
11a	3	5200	12.75	0.00	12.75	13.23
11a	3	5240	12.63	0.00	12.63	13.23
VHT20	3	5180	10.04	0.00	10.04	13.23
VHT20	3	5200	12.62	0.00	12.62	13.23
VHT20	3	5240	12.23	0.00	12.23	13.23
VHT40	3	5190	0.49	0.20	0.69	13.23
VHT40	3	5230	9.48	0.20	9.68	13.23
VHT80	3	5210	-3.48	0.46	-3.02	13.23

Note:
1. D.F is duty factor.
2. Test results are bin-by-bin summing measured value of each TX port.
3. Directional gain = 5+10* log(3/1) = 9.77 dBi > 6 dBi.
   Limit shall be reduced to 17 dBm – (9.77 dBi – 6 dBi) = 13.23 dBm.

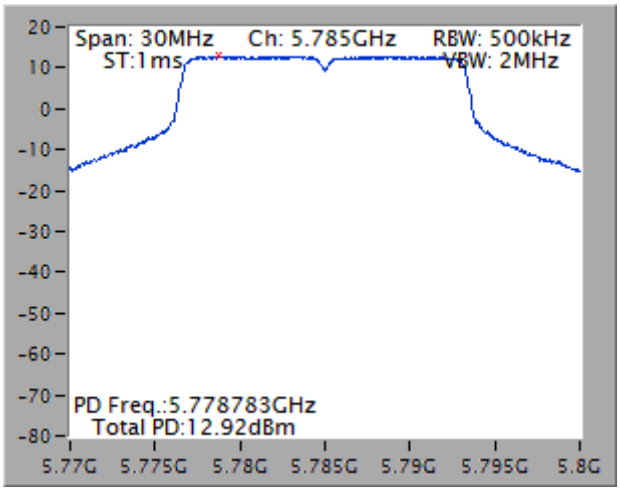
Worst Plot



For Frequency band 5725-5850 MHz						
Condition			Peak Power Spectral Density (dBm/500kHz)			
Modulation Mode	N_{TX}	Freq. (MHz)	PPSD w/o D.F (dBm/500kHz)	Duty Factor (dB)	PPSD with D.F (dBm/500kHz)	PPSD Limit (dBm/500kHz)
11a	3	5745	8.8	0.00	8.80	26.23
11a	3	5785	12.92	0.00	12.92	26.23
11a	3	5825	10.01	0.00	10.01	26.23
VHT20	3	5745	7.81	0.00	7.81	26.23
VHT20	3	5785	12.53	0.00	12.53	26.23
VHT20	3	5825	9.81	0.00	9.81	26.23
VHT40	3	5755	-1.60	0.20	-1.40	26.23
VHT40	3	5795	6.93	0.20	7.13	26.23
VHT80	3	5775	-5.91	0.46	-5.45	26.23

Note:
1. D.F is duty factor.
2. Test results are bin-by-bin summing measured value of each TX port.
3. Directional gain = 5+10* log(3/1) = 9.77 dBi > 6 dBi.
   Limit shall be reduced to 30 dBm – (9.77 dBi – 6 dBi) = 26.23 dBm.

Worst Plot



3.5 Transmitter Radiated and Band Edge Emissions

3.5.1 Limit of Transmitter Radiated and Band Edge Emissions

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.

Un-restricted band emissions above 1GHz Limit	
Operating Band	**Limit**
5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.725 - 5.850 GHz	5.715 5.725 GHz: e.i.r.p. -17 dBm [78.2 dBuV/m@3m] 5.85 5.86 GHz: e.i.r.p. -17 dBm [78.2 dBuV/m@3m] Other un-restricted band: e.i.r.p. -27 dBm [68.2 dBuV/m@3m]

Note 1: Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

3.5.2 Test Procedures

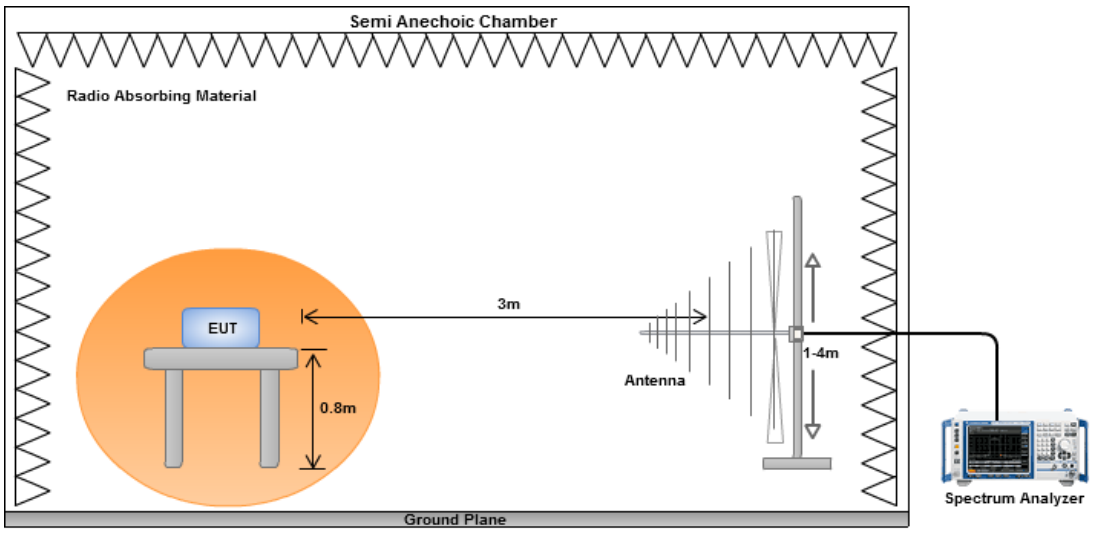
1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission frequency. The EUT is placed at test table. For emissions testing at or below 1 GHz, the table height is 80 cm above the reference ground plane. For emission measurements above 1 GHz, the table height is 1.5 m
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:

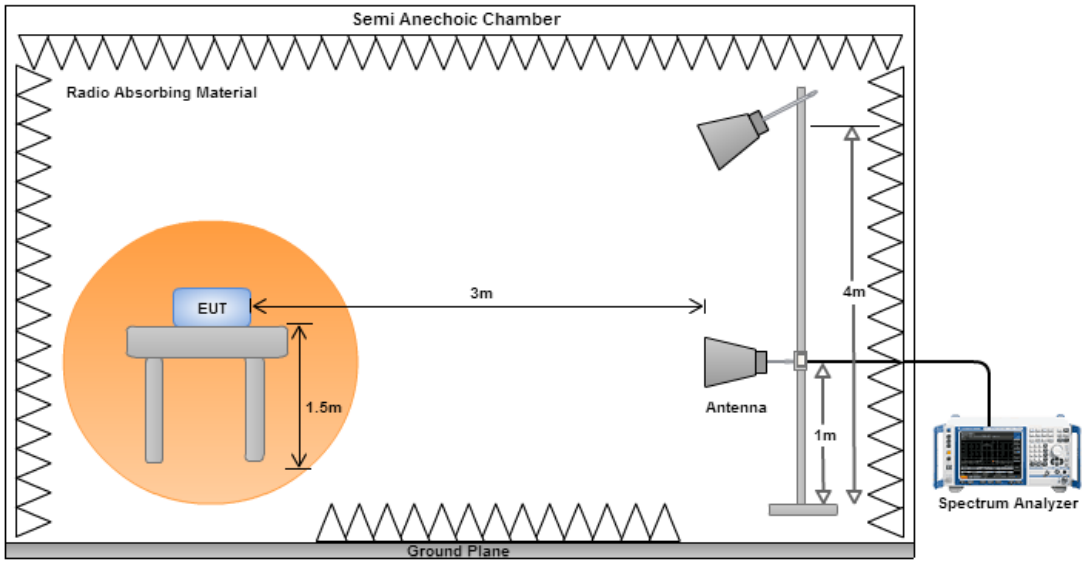
1. 120kHz measurement bandwidth of test receiver and Quasi-peak detector is for radiated emission below 1GHz.
2. RBW=1MHz, VBW=3MHz and Peak detector is for peak measured value of radiated emission above 1GHz.
3. RBW=1MHz, VBW=1/T and Peak detector is for average measured value of radiated emission above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

3.5.3 Test Setup

Radiated Emissions below 1 GHz



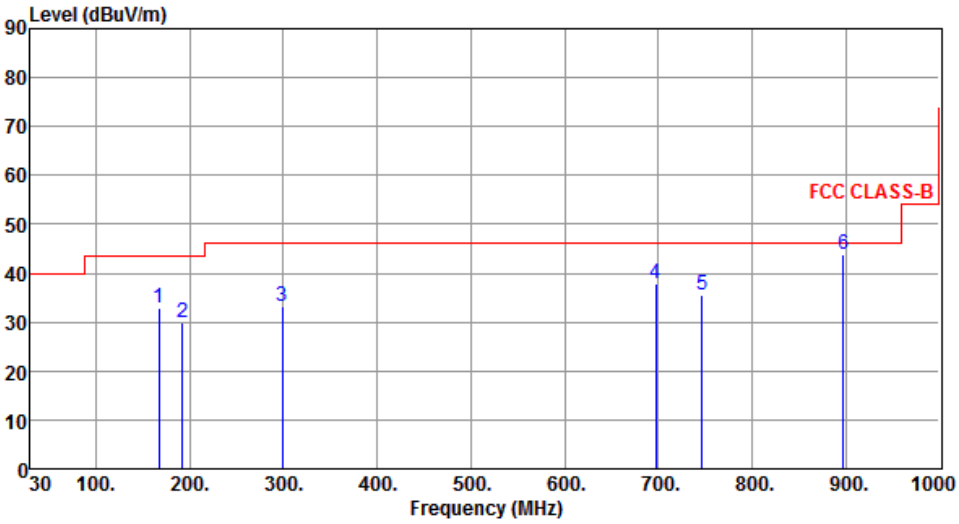
Radiated Emissions above 1 GHz



Test Configuration 1: Dipole antenna with 3dBi gain

3.5.4 Transmitter Radiated Unwanted Emissions (Below 1GHz)

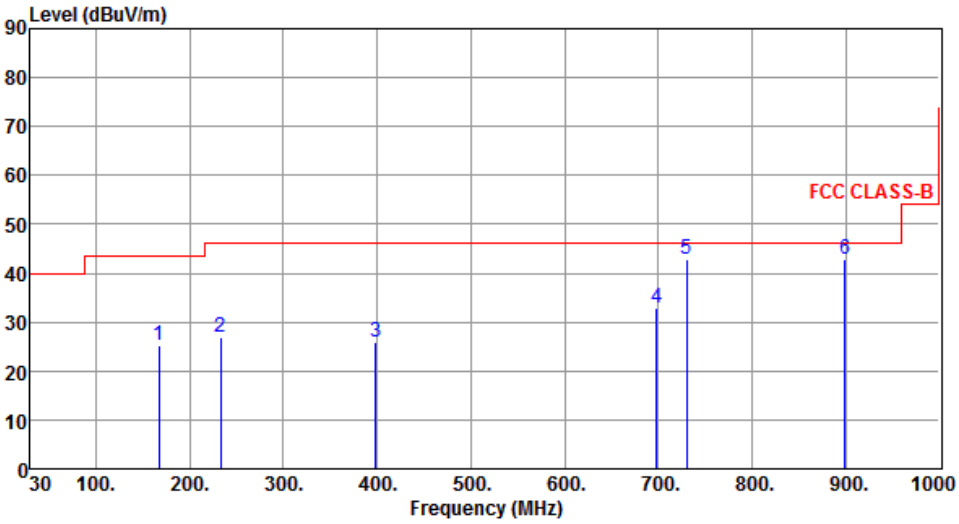
Modulation	VHT20	Test Freq. (MHz)	5200
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	166.77	32.84	43.50	-10.66	49.85	-17.01	Peak	---	---
2	191.99	29.90	43.50	-13.60	49.10	-19.20	Peak	---	---
3	298.69	33.07	46.00	-12.93	48.96	-15.89	Peak	---	---
4	697.36	37.86	46.00	-8.14	46.06	-8.20	Peak	---	---
5	746.83	35.69	46.00	-10.31	42.84	-7.15	Peak	---	---
6	897.18	43.98	46.00	-2.02	49.36	-5.38	QP	100	318

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).
Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

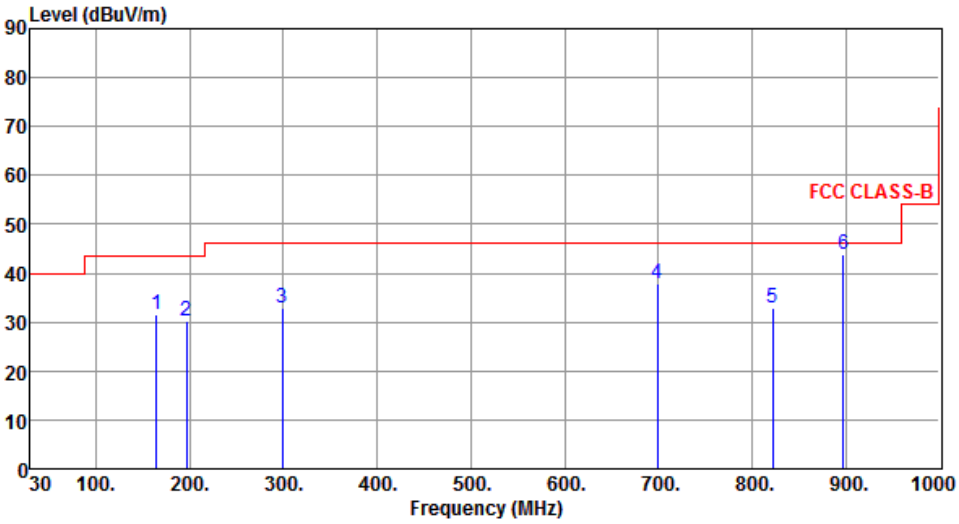
Modulation	VHT20	Test Freq. (MHz)	5200
Polarization	Vertical	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	166.77	25.10	43.50	-18.40	42.11	-17.01	Peak	---	---
2	232.73	26.96	46.00	-19.04	45.44	-18.48	Peak	---	---
3	398.60	25.79	46.00	-20.21	39.32	-13.53	Peak	---	---
4	698.33	32.76	46.00	-13.24	40.95	-8.19	Peak	---	---
5	730.34	42.83	46.00	-3.17	50.34	-7.51	Peak	---	---
6	899.12	42.90	46.00	-3.10	48.25	-5.35	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).
Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

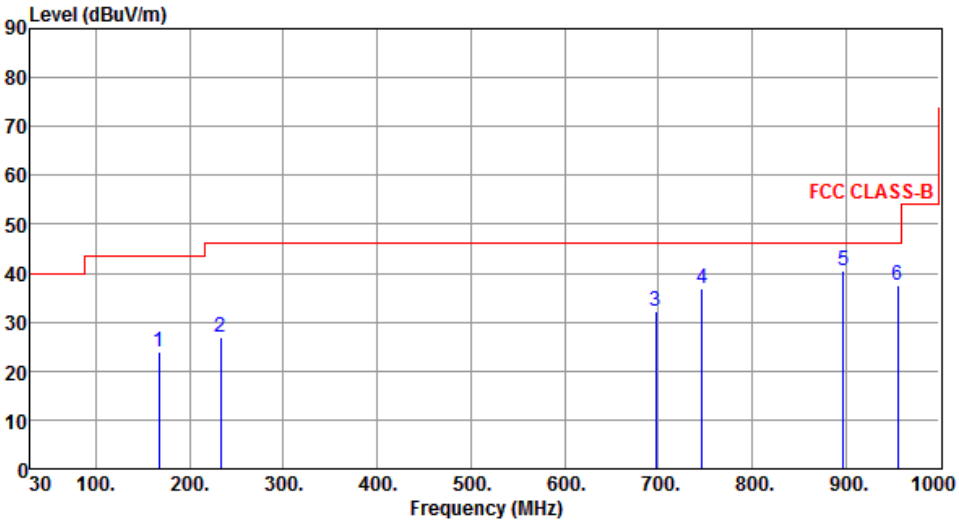
Modulation	11a	Test Freq. (MHz)	5785
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	164.83	31.51	43.50	-11.99	48.45	-16.94	Peak	---	---
2	196.84	30.32	43.50	-13.18	49.60	-19.28	Peak	---	---
3	298.69	33.04	46.00	-12.96	48.93	-15.89	Peak	---	---
4	699.30	37.89	46.00	-8.11	46.07	-8.18	Peak	---	---
5	822.49	32.80	46.00	-13.20	39.16	-6.36	Peak	---	---
6	897.18	43.69	46.00	-2.31	49.07	-5.38	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).
Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

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

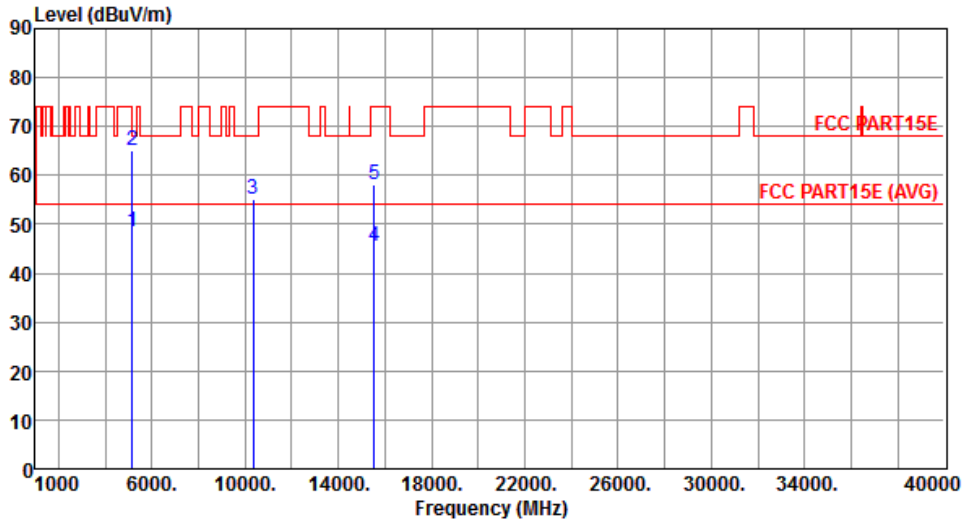


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	166.77	23.84	43.50	-19.66	40.85	-17.01	Peak	---	---
2	232.73	26.94	46.00	-19.06	45.42	-18.48	Peak	---	---
3	697.36	32.33	46.00	-13.67	40.53	-8.20	Peak	---	---
4	746.83	36.96	46.00	-9.04	44.11	-7.15	Peak	---	---
5	897.18	40.57	46.00	-5.43	45.95	-5.38	Peak	---	---
6	955.38	37.67	46.00	-8.33	42.24	-4.57	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).
Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

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

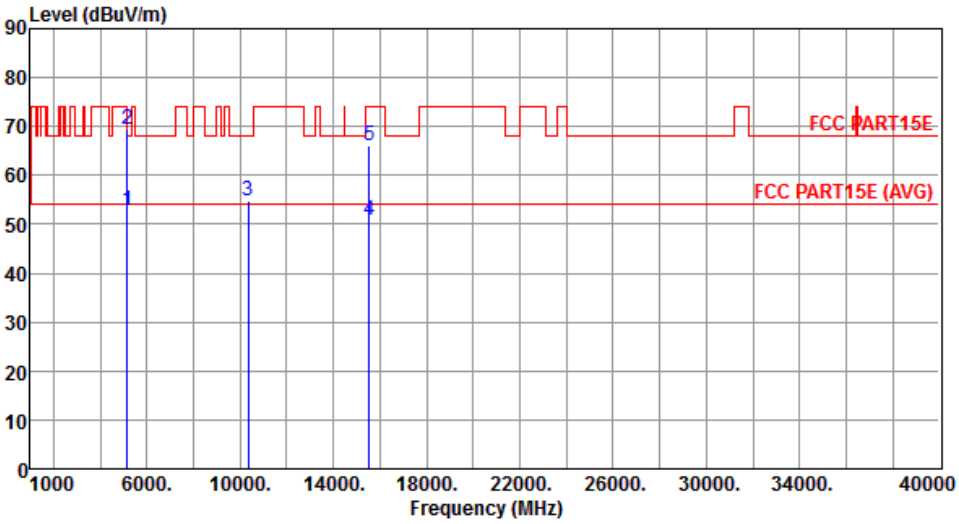
Modulation	11a	Test Freq. (MHz)	5180
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	48.33	54.00	-5.67	42.78	5.55	Average	162	278
2	5150.00	65.15	74.00	-8.85	59.60	5.55	Peak	162	278
3	10360.00	55.12	68.20	-13.08	39.70	15.42	Peak	113	36
4	15540.00	45.58	54.00	-8.42	29.81	15.77	Average	213	284
5	15540.00	57.98	74.00	-16.02	42.21	15.77	Peak	213	284

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).

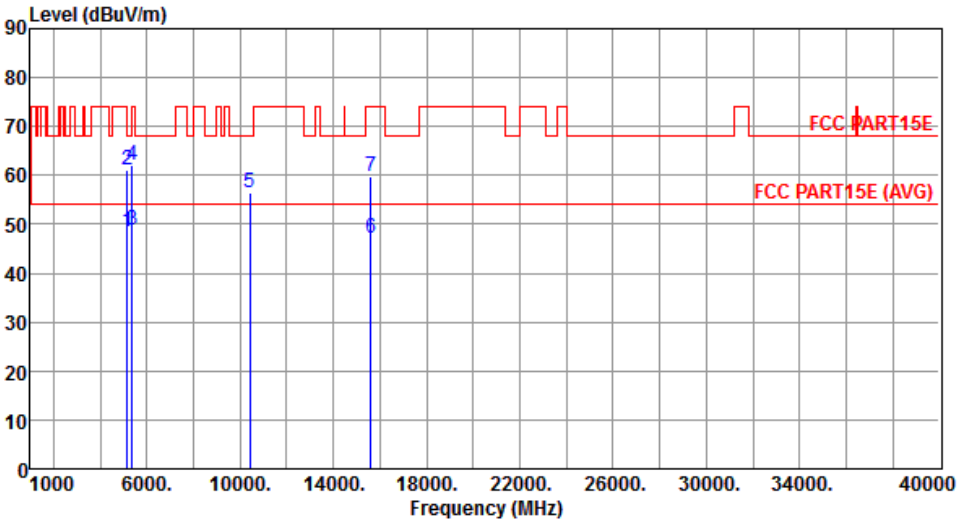
Modulation	11a	Test Freq. (MHz)	5180
Polarization	Vertical	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	52.88	54.00	-1.12	47.33	5.55	Average	289	196
2	5150.00	69.25	74.00	-4.75	63.70	5.55	Peak	289	196
3	10360.00	54.78	68.20	-13.42	39.36	15.42	Peak	321	8
4	15540.00	50.80	54.00	-3.20	35.03	15.77	Average	315	162
5	15540.00	66.02	74.00	-7.98	50.25	15.77	Peak	315	162

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).

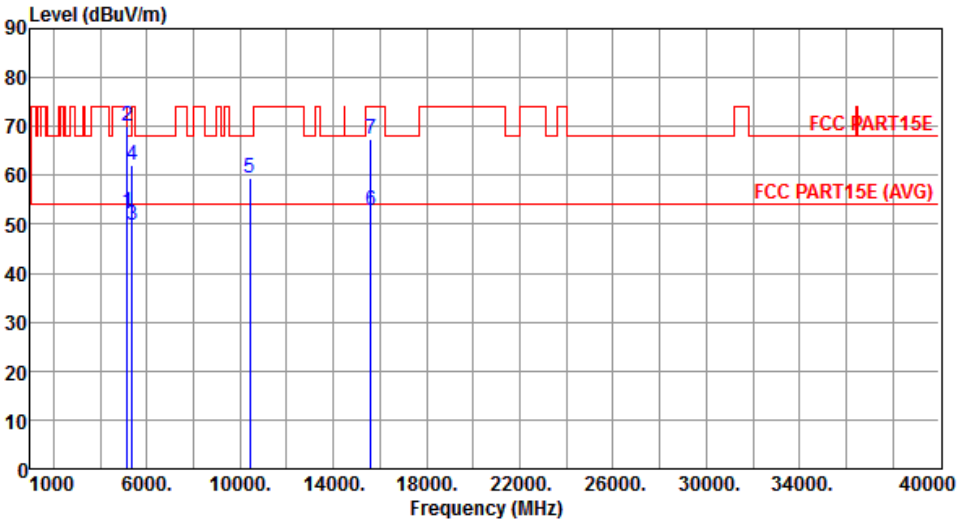
Modulation	11a	Test Freq. (MHz)	5200
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	48.37	54.00	-5.63	42.82	5.55	Average	158	295
2	5150.00	61.00	74.00	-13.00	55.45	5.55	Peak	158	295
3	5350.00	48.73	54.00	-5.27	43.06	5.67	Average	158	295
4	5350.00	61.94	74.00	-12.06	56.27	5.67	Peak	158	295
5	10400.00	56.43	68.20	-11.77	40.86	15.57	Peak	115	33
6	15600.00	47.08	54.00	-6.92	31.56	15.52	Average	202	291
7	15600.00	59.73	74.00	-14.27	44.21	15.52	Peak	202	291

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).

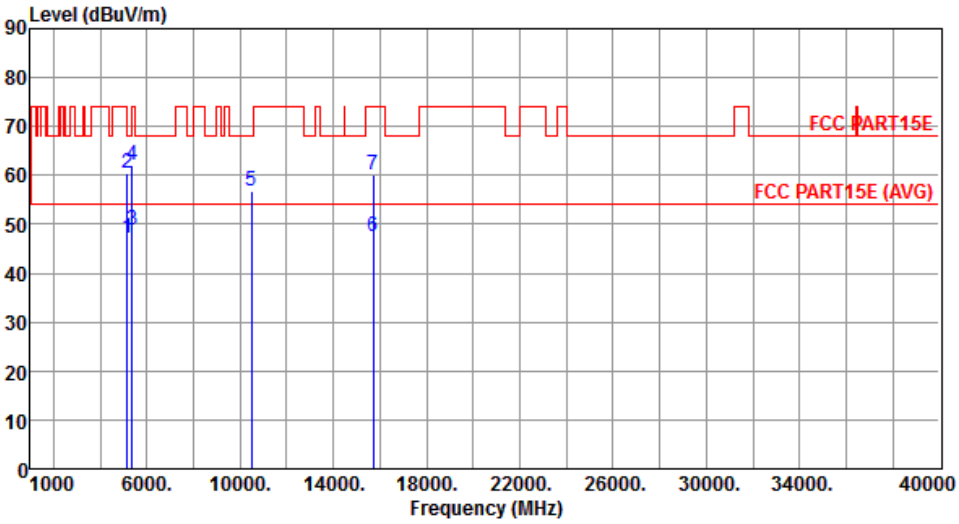
Modulation	11a	Test Freq. (MHz)	5200
Polarization	Vertical	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	52.38	54.00	-1.62	46.83	5.55	Average	291	339
2	5150.00	70.24	74.00	-3.76	64.69	5.55	Peak	291	339
3	5350.00	49.65	54.00	-4.35	43.98	5.67	Average	311	337
4	5350.00	62.23	74.00	-11.77	56.56	5.67	Peak	311	337
5	10400.00	59.40	68.20	-8.80	43.83	15.57	Peak	325	14
6	15600.00	52.74	54.00	-1.26	37.22	15.52	Average	333	177
7	15600.00	67.34	74.00	-6.66	51.82	15.52	Peak	333	177

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).

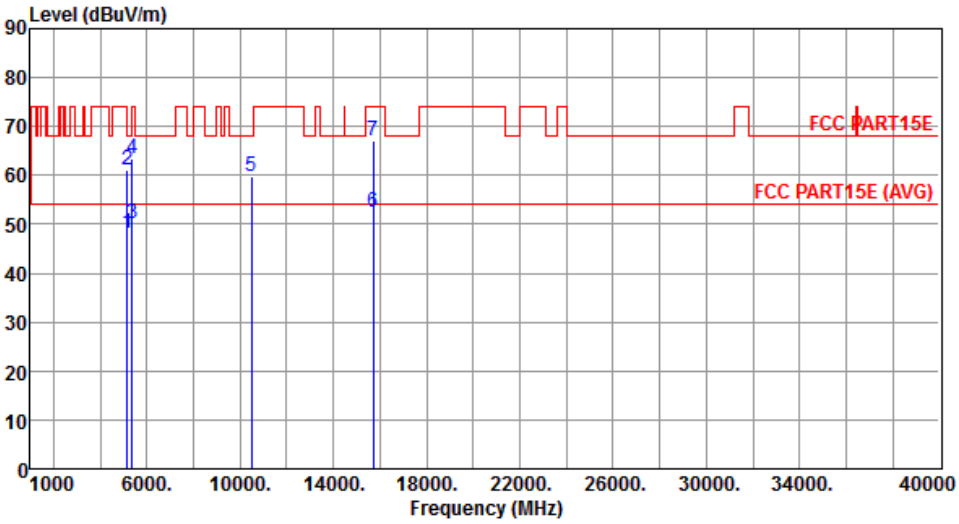
Modulation	11a	Test Freq. (MHz)	5240
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	47.12	54.00	-6.88	41.57	5.55	Average	155	291
2	5150.00	60.43	74.00	-13.57	54.88	5.55	Peak	155	291
3	5350.00	48.86	54.00	-5.14	43.19	5.67	Average	155	291
4	5350.00	61.97	74.00	-12.03	56.30	5.67	Peak	155	291
5	10480.00	56.75	68.20	-11.45	40.87	15.88	Peak	119	31
6	15720.00	47.43	54.00	-6.57	32.39	15.04	Average	206	288
7	15720.00	60.10	74.00	-13.90	45.06	15.04	Peak	206	288

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).

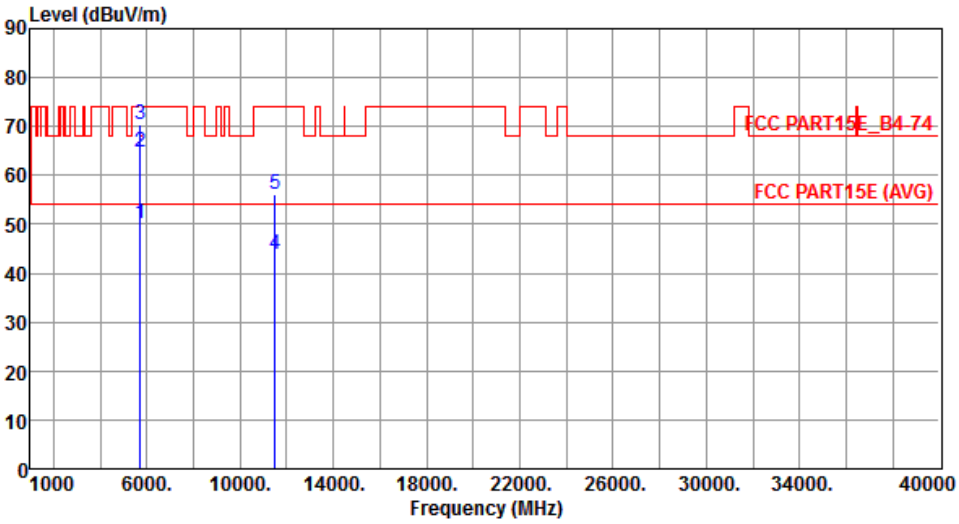
Modulation	11a	Test Freq. (MHz)	5240
Polarization	Vertical	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	48.12	54.00	-5.88	42.57	5.55	Average	282	343
2	5150.00	61.15	74.00	-12.85	55.60	5.55	Peak	282	343
3	5350.00	50.26	54.00	-3.74	44.59	5.67	Average	282	343
4	5350.00	63.42	74.00	-10.58	57.75	5.67	Peak	282	343
5	10480.00	59.75	68.20	-8.45	43.87	15.88	Peak	321	16
6	15720.00	52.33	54.00	-1.67	37.29	15.04	Average	316	178
7	15720.00	67.03	74.00	-6.97	51.99	15.04	Peak	316	178

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).

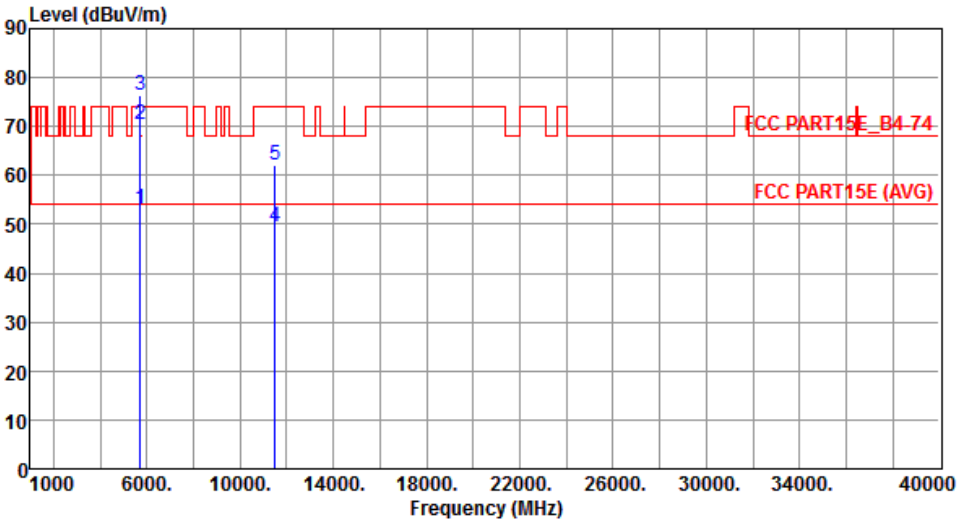
Modulation	11a	Test Freq. (MHz)	5745
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	50.23	54.00	-3.77	44.48	5.75	Average	161	284
2	5715.00	64.78	74.00	-9.22	59.03	5.75	Peak	161	284
3	5725.00	70.53	78.20	-7.67	64.80	5.73	Peak	161	284
4	11490.00	43.87	54.00	-10.13	27.95	15.92	Average	285	302
5	11490.00	56.04	74.00	-17.96	40.12	15.92	Peak	285	303

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).

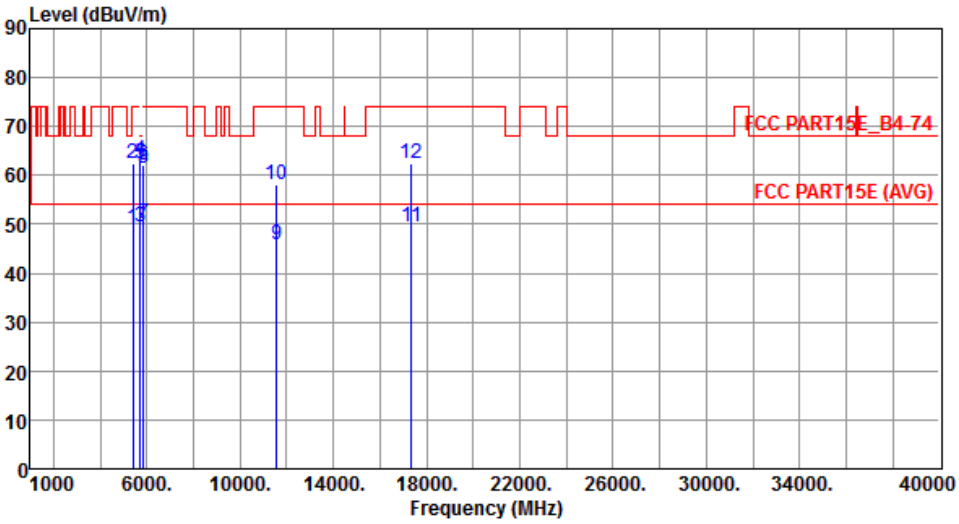
Modulation	11a	Test Freq. (MHz)	5745
Polarization	Vertical	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	52.99	54.00	-1.01	47.24	5.75	Average	273	334
2	5715.00	70.50	74.00	-3.50	64.75	5.75	Peak	273	334
3	5725.00	76.31	78.20	-1.89	70.58	5.73	Peak	273	334
4	11490.00	49.51	54.00	-4.49	33.59	15.92	Average	283	184
5	11490.00	62.03	74.00	-11.97	46.11	15.92	Peak	283	184

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).

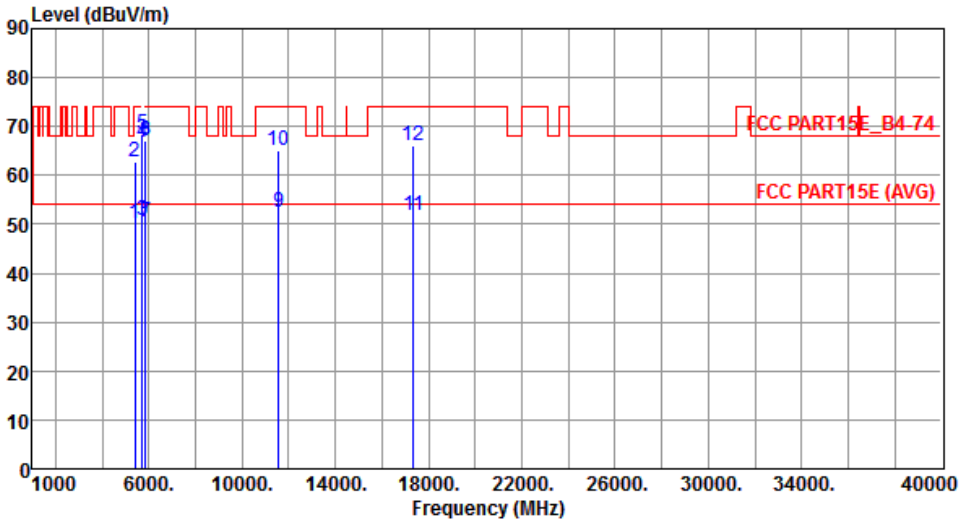
Modulation	11a	Test Freq. (MHz)	5785
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5400.00	49.10	54.00	-4.90	43.40	5.70	Average	233	291
2	5400.00	62.51	74.00	-11.49	56.81	5.70	Peak	233	291
3	5715.00	49.62	54.00	-4.38	43.87	5.75	Average	159	297
4	5715.00	63.21	74.00	-10.79	57.46	5.75	Peak	159	297
5	5725.00	62.55	78.20	-15.65	56.82	5.73	Peak	159	297
6	5850.00	62.11	78.20	-16.09	56.28	5.83	Peak	159	297
7	5860.00	50.07	54.00	-3.93	44.23	5.84	Average	159	297
8	5860.00	61.33	74.00	-12.67	55.49	5.84	Peak	159	297
9	11570.00	45.92	54.00	-8.08	30.17	15.75	Average	287	304
10	11570.00	58.20	74.00	-15.80	42.45	15.75	Peak	287	304
11	17355.00	49.64	54.00	-4.36	29.97	19.67	Average	296	224
12	17355.00	62.33	74.00	-11.67	42.66	19.67	Peak	296	224

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).

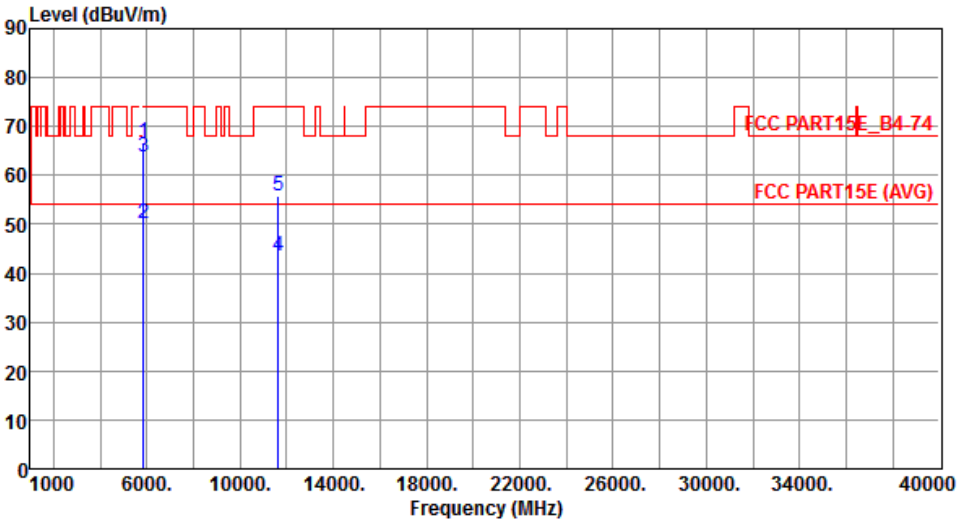
Modulation	11a	Test Freq. (MHz)	5785
Polarization	Vertical	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5400.00	50.03	54.00	-3.97	44.33	5.70	Average	261	344
2	5400.00	62.78	74.00	-11.22	57.08	5.70	Peak	261	344
3	5715.00	50.84	54.00	-3.16	45.09	5.75	Average	268	83
4	5715.00	66.71	74.00	-7.29	60.96	5.75	Peak	268	83
5	5725.00	68.48	78.20	-9.72	62.75	5.73	Peak	268	83
6	5850.00	67.08	78.20	-11.12	61.25	5.83	Peak	241	291
7	5860.00	50.43	54.00	-3.57	44.59	5.84	Average	241	291
8	5860.00	66.99	74.00	-7.01	61.15	5.84	Peak	241	291
9	11570.00	52.59	54.00	-1.41	36.84	15.75	Average	281	185
10	11570.00	65.24	74.00	-8.76	49.49	15.75	Peak	281	185
11	17355.00	51.96	54.00	-2.04	32.29	19.67	Average	362	176
12	17355.00	66.02	74.00	-7.98	46.35	19.67	Peak	362	176

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).

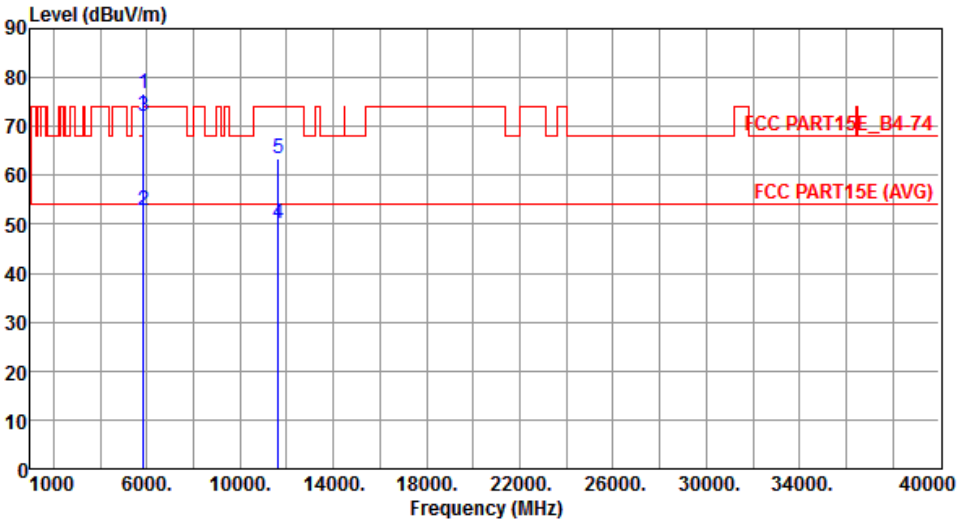
Modulation	11a	Test Freq. (MHz)	5825
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5850.00	66.63	78.20	-11.57	60.80	5.83	Peak	158	296
2	5860.00	50.15	54.00	-3.85	44.31	5.84	Average	158	296
3	5860.00	63.86	74.00	-10.14	58.02	5.84	Peak	158	296
4	11650.00	43.43	54.00	-10.57	27.89	15.54	Average	281	305
5	11650.00	55.78	74.00	-18.22	40.24	15.54	Peak	281	305

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

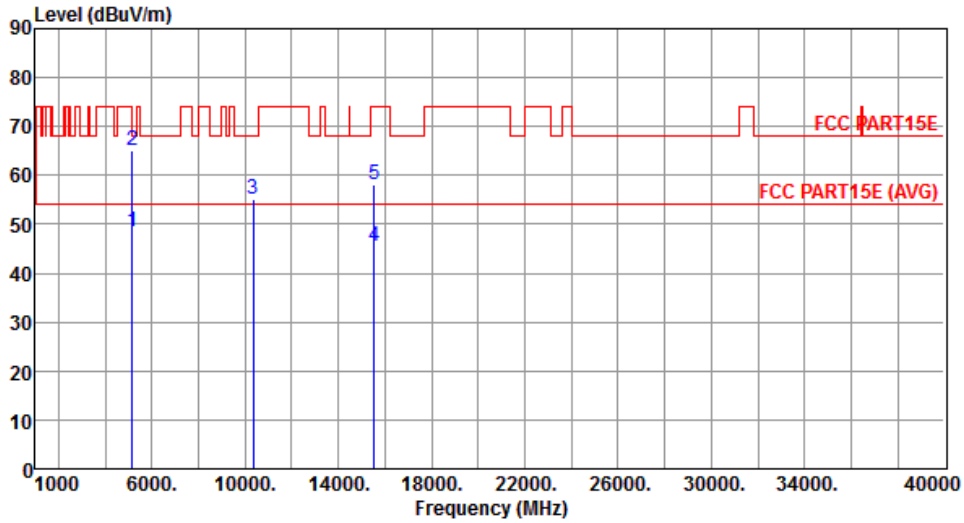


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5850.00	76.79	78.20	-1.41	70.96	5.83	Peak	260	172
2	5860.00	52.87	54.00	-1.13	47.03	5.84	Average	260	172
3	5860.00	71.97	74.00	-2.03	66.13	5.84	Peak	260	172
4	11650.00	50.11	54.00	-3.89	34.57	15.54	Average	288	188
5	11650.00	63.38	74.00	-10.62	47.84	15.54	Peak	288	188

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

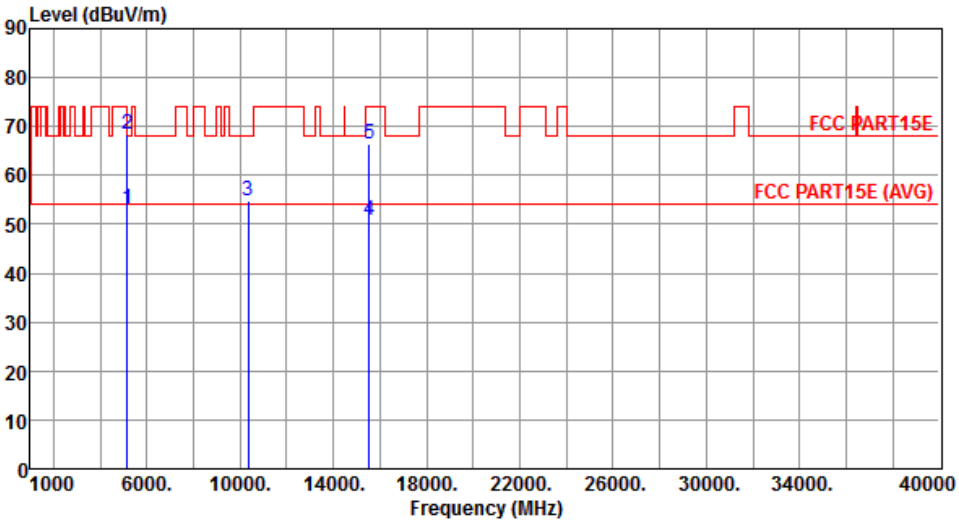
Modulation	VHT20	Test Freq. (MHz)	5180
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	48.38	54.00	-5.62	42.83	5.55	Average	169	130
2	5150.00	65.21	74.00	-8.79	59.66	5.55	Peak	169	130
3	10360.00	55.24	68.20	-12.96	39.82	15.42	Peak	122	149
4	15540.00	45.51	54.00	-8.49	29.74	15.77	Average	222	277
5	15540.00	58.28	74.00	-15.72	42.51	15.77	Peak	222	277

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).

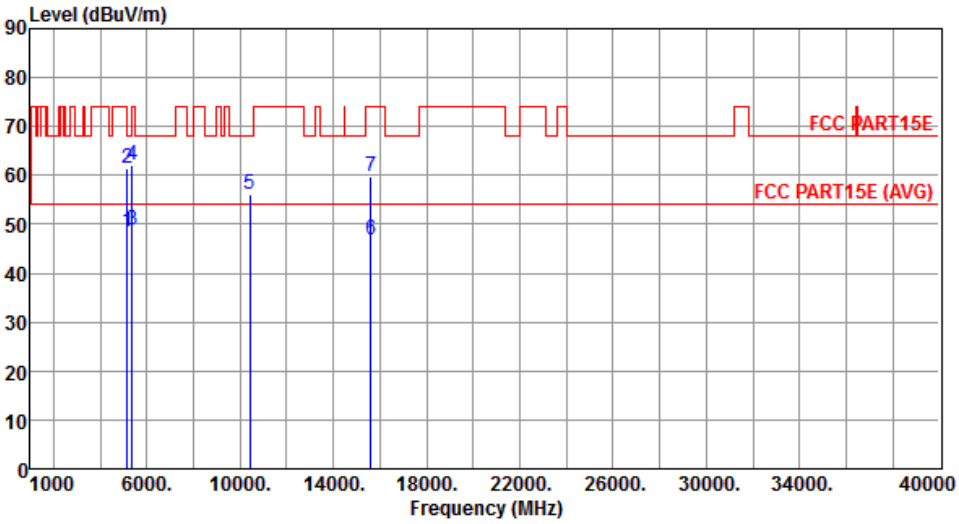
Modulation	VHT20	Test Freq. (MHz)	5180
Polarization	Vertical	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	52.99	54.00	-1.01	47.44	5.55	Average	250	356
2	5150.00	68.47	74.00	-5.53	62.92	5.55	Peak	250	356
3	10360.00	54.64	68.20	-13.56	39.22	15.42	Peak	333	312
4	15540.00	50.68	54.00	-3.32	34.91	15.77	Average	333	289
5	15540.00	66.32	74.00	-7.68	50.55	15.77	Peak	333	289

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).

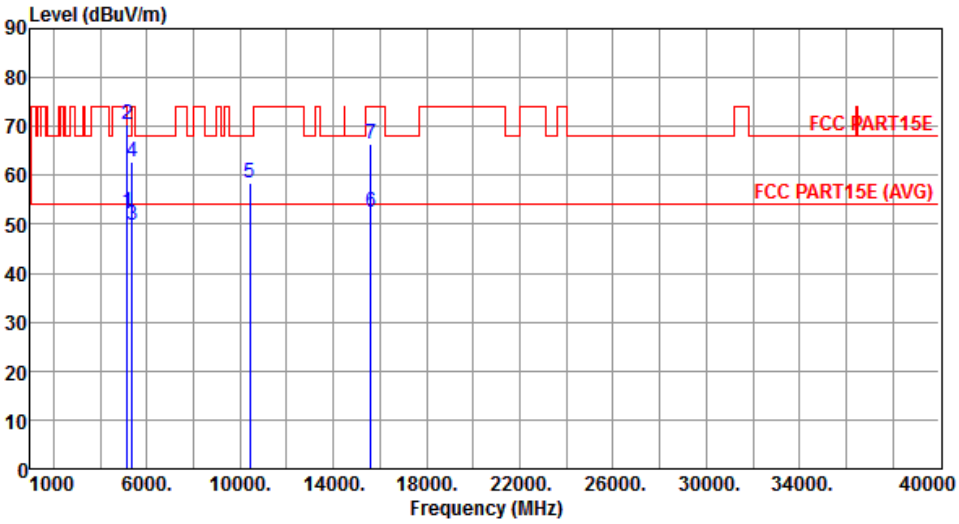
Modulation	VHT20	Test Freq. (MHz)	5200
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	48.50	54.00	-5.50	42.95	5.55	Average	127	125
2	5150.00	61.47	74.00	-12.53	55.92	5.55	Peak	127	125
3	5350.00	48.89	54.00	-5.11	43.22	5.67	Average	127	125
4	5350.00	62.06	74.00	-11.94	56.39	5.67	Peak	127	125
5	10400.00	56.25	68.20	-11.95	40.68	15.57	Peak	139	162
6	15600.00	46.85	54.00	-7.15	31.33	15.52	Average	187	270
7	15600.00	59.65	74.00	-14.35	44.13	15.52	Peak	187	270

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).

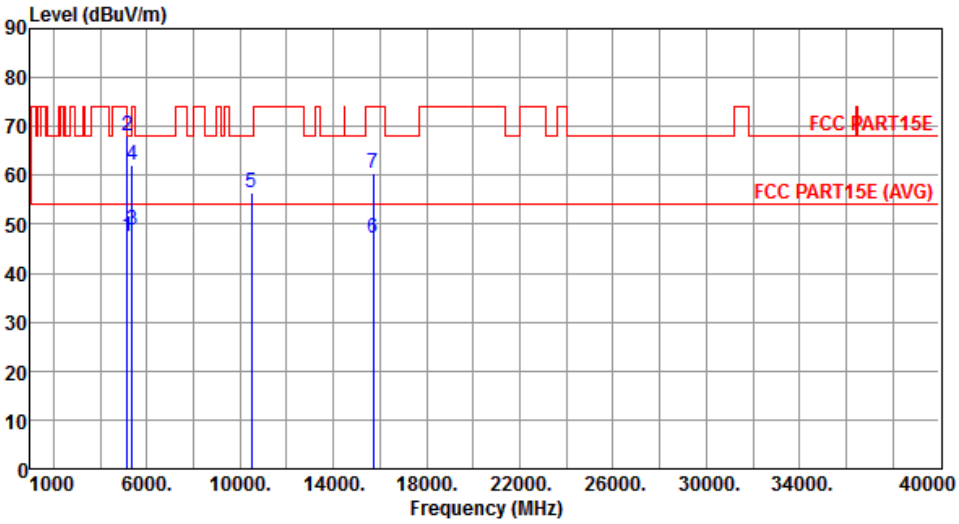
Modulation	VHT20	Test Freq. (MHz)	5200
Polarization	Vertical	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	52.55	54.00	-1.45	47.00	5.55	Average	257	3
2	5150.00	70.45	74.00	-3.55	64.90	5.55	Peak	257	3
3	5350.00	49.73	54.00	-4.27	44.06	5.67	Average	257	3
4	5350.00	62.91	74.00	-11.09	57.24	5.67	Peak	257	3
5	10400.00	58.51	68.20	-9.69	42.94	15.57	Peak	333	353
6	15600.00	52.32	54.00	-1.68	36.80	15.52	Average	348	2
7	15600.00	66.29	74.00	-7.71	50.77	15.52	Peak	348	2

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).

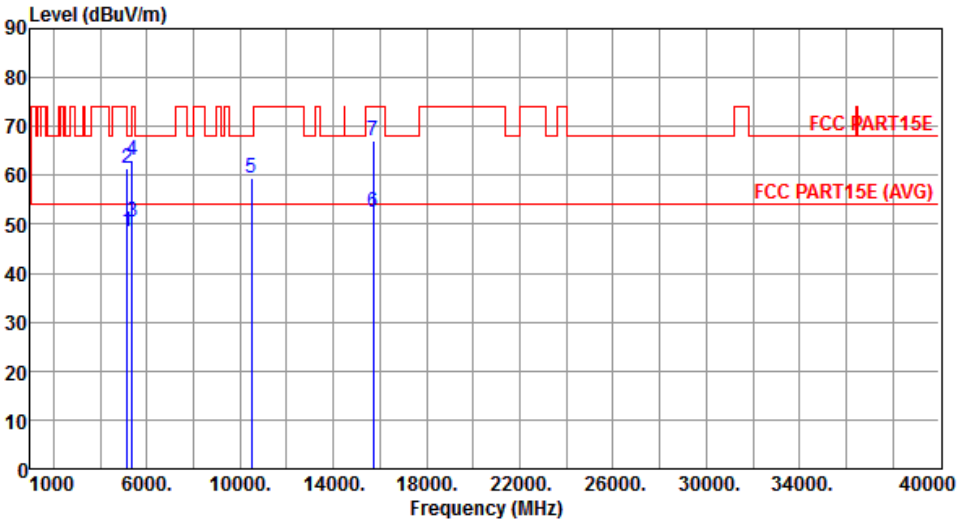
Modulation	VHT20	Test Freq. (MHz)	5240
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	47.46	54.00	-6.54	41.91	5.55	Average	149	175
2	5150.00	68.05	74.00	-5.95	62.50	5.55	Peak	149	175
3	5350.00	48.97	54.00	-5.03	43.30	5.67	Average	149	175
4	5350.00	62.12	74.00	-11.88	56.45	5.67	Peak	149	175
5	10480.00	56.61	68.20	-11.59	40.73	15.88	Peak	127	325
6	15720.00	47.13	54.00	-6.87	32.09	15.04	Average	197	220
7	15720.00	60.33	74.00	-13.67	45.29	15.04	Peak	197	220

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).

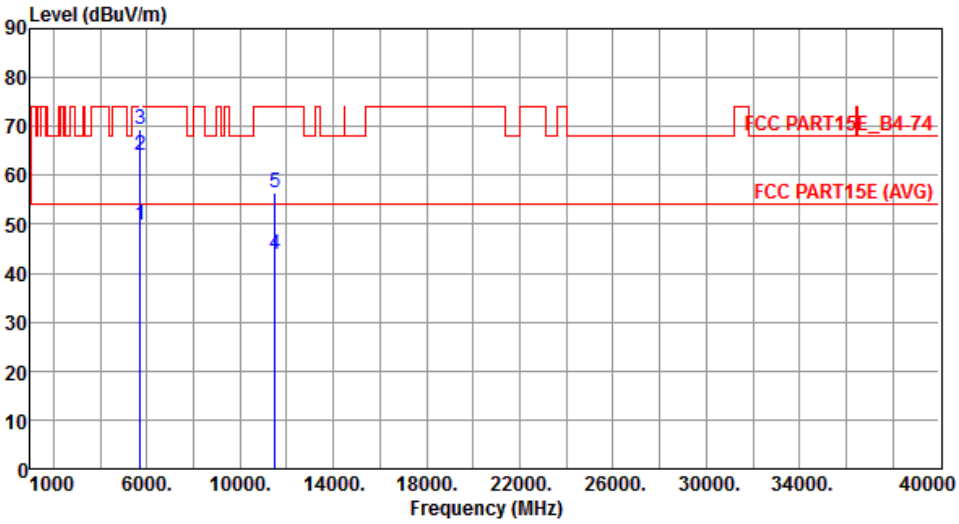
Modulation	VHT20	Test Freq. (MHz)	5240
Polarization	Vertical	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	48.47	54.00	-5.53	42.92	5.55	Average	328	20
2	5150.00	61.36	74.00	-12.64	55.81	5.55	Peak	328	20
3	5350.00	50.36	54.00	-3.64	44.69	5.67	Average	328	20
4	5350.00	63.24	74.00	-10.76	57.57	5.67	Peak	328	20
5	10480.00	59.58	68.20	-8.62	43.70	15.88	Peak	320	169
6	15720.00	52.45	54.00	-1.55	37.41	15.04	Average	355	358
7	15720.00	67.02	74.00	-6.98	51.98	15.04	Peak	355	358

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).

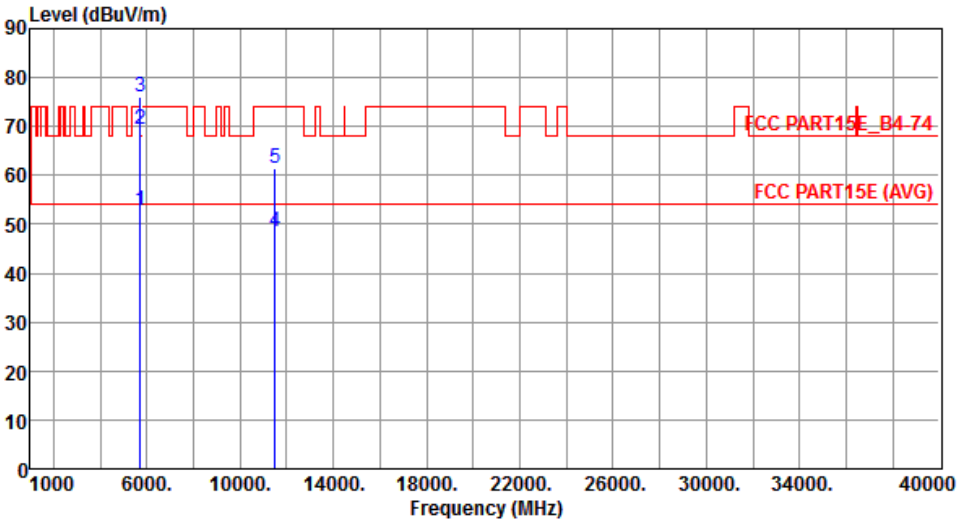
Modulation	VHT20	Test Freq. (MHz)	5745
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	49.98	54.00	-4.02	44.23	5.75	Average	152	183
2	5715.00	64.02	74.00	-9.98	58.27	5.75	Peak	152	183
3	5725.00	69.41	78.20	-8.79	63.68	5.73	Peak	152	183
4	11490.00	43.81	54.00	-10.19	27.89	15.92	Average	285	85
5	11490.00	56.59	74.00	-17.41	40.67	15.92	Peak	285	85

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).

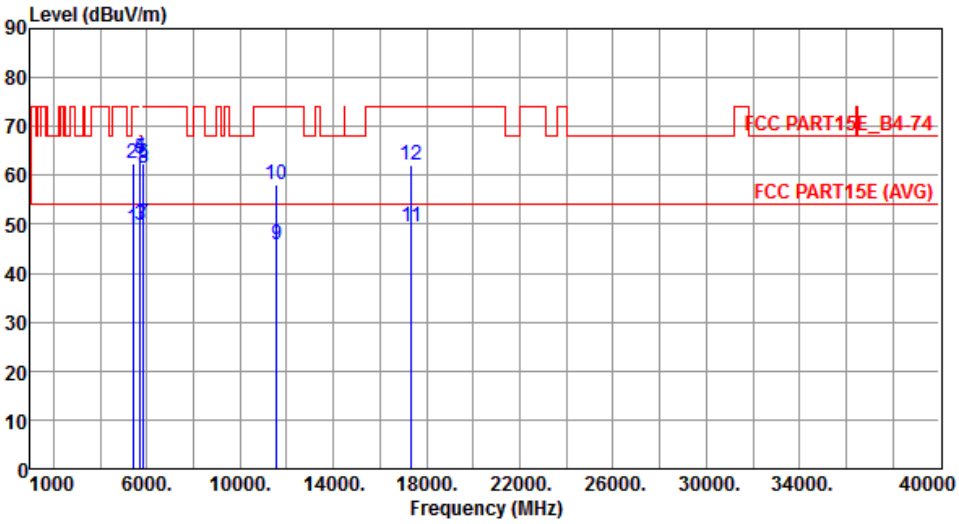
Modulation	VHT20	Test Freq. (MHz)	5745
Polarization	Vertical	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	52.85	54.00	-1.15	47.10	5.75	Average	313	78
2	5715.00	69.30	74.00	-4.70	63.55	5.75	Peak	313	78
3	5725.00	75.89	78.20	-2.31	70.16	5.73	Peak	313	78
4	11490.00	48.62	54.00	-5.38	32.70	15.92	Average	276	345
5	11490.00	61.51	74.00	-12.49	45.59	15.92	Peak	276	345

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).

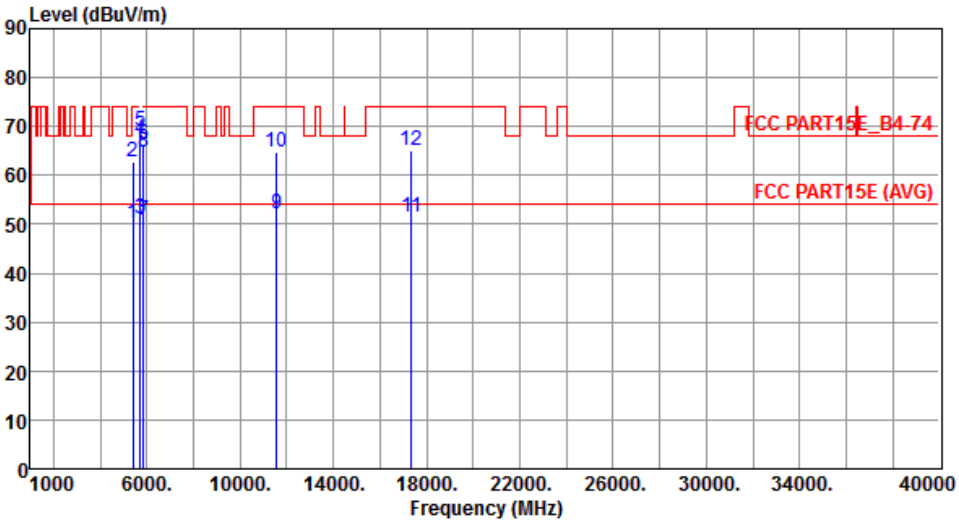
Modulation	VHT20	Test Freq. (MHz)	5785
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5400.00	49.17	54.00	-4.83	43.47	5.70	Average	217	254
2	5400.00	62.58	74.00	-11.42	56.88	5.70	Peak	217	254
3	5715.00	49.72	54.00	-4.28	43.97	5.75	Average	217	254
4	5715.00	63.88	74.00	-10.12	58.13	5.75	Peak	217	254
5	5725.00	63.50	78.20	-14.70	57.77	5.73	Peak	217	254
6	5850.00	62.54	78.20	-15.66	56.71	5.83	Peak	217	254
7	5860.00	50.23	54.00	-3.77	44.39	5.84	Average	217	254
8	5860.00	61.40	74.00	-12.60	55.56	5.84	Peak	217	254
9	11570.00	45.75	54.00	-8.25	30.00	15.75	Average	258	301
10	11570.00	58.11	74.00	-15.89	42.36	15.75	Peak	258	301
11	17355.00	49.58	54.00	-4.42	29.91	19.67	Average	243	285
12	17355.00	62.19	74.00	-11.81	42.52	19.67	Peak	243	285

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).

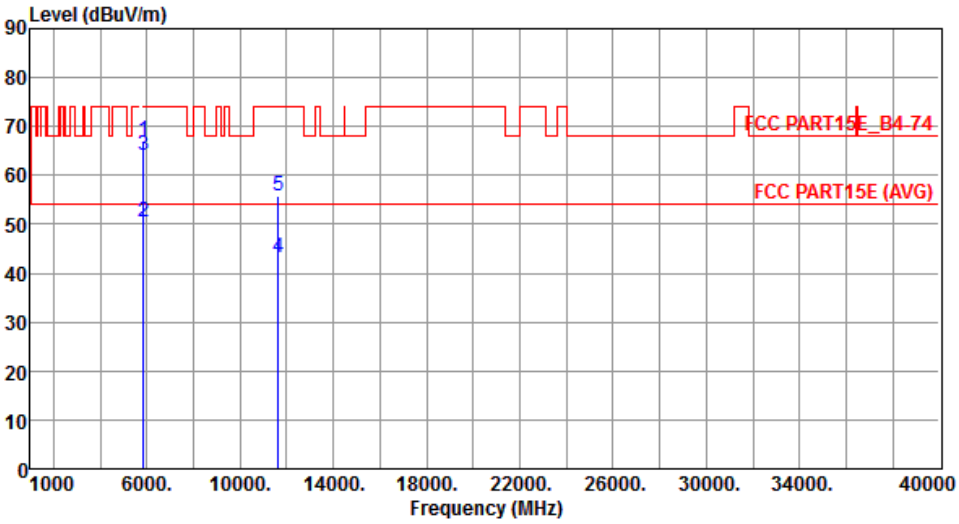
Modulation	VHT20	Test Freq. (MHz)	5785
Polarization	Vertical	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5400.00	50.13	54.00	-3.87	44.43	5.70	Average	324	67
2	5400.00	62.91	74.00	-11.09	57.21	5.70	Peak	324	67
3	5715.00	51.17	54.00	-2.83	45.42	5.75	Average	324	67
4	5715.00	67.45	74.00	-6.55	61.70	5.75	Peak	324	67
5	5725.00	68.97	78.20	-9.23	63.24	5.73	Peak	324	67
6	5850.00	66.49	78.20	-11.71	60.66	5.83	Peak	324	67
7	5860.00	50.84	54.00	-3.16	45.00	5.84	Average	324	67
8	5860.00	64.67	74.00	-9.33	58.83	5.84	Peak	324	67
9	11570.00	52.23	54.00	-1.77	36.48	15.75	Average	298	283
10	11570.00	64.67	74.00	-9.33	48.92	15.75	Peak	298	283
11	17355.00	51.40	54.00	-2.60	31.73	19.67	Average	290	177
12	17355.00	65.21	74.00	-8.79	45.54	19.67	Peak	290	177

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).

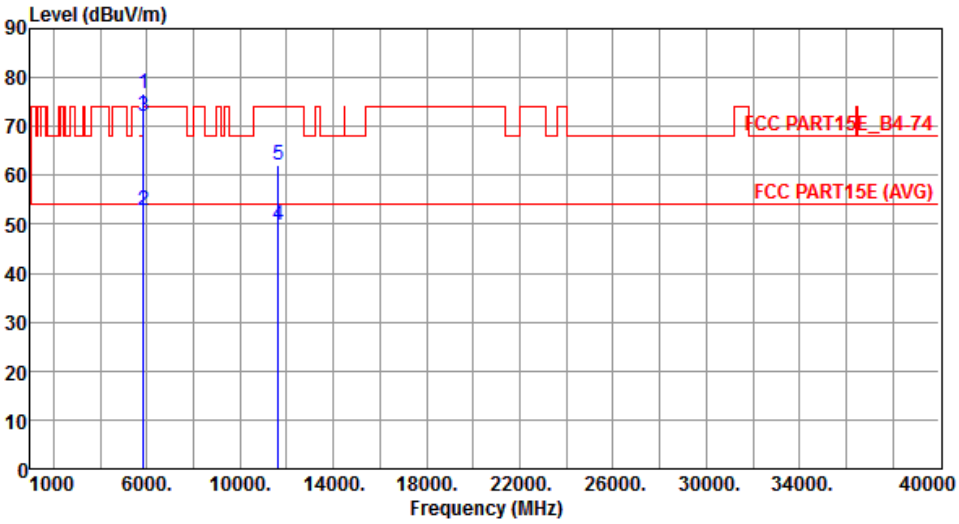
Modulation	VHT20	Test Freq. (MHz)	5825
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5850.00	66.97	78.20	-11.23	61.14	5.83	Peak	261	165
2	5860.00	50.32	54.00	-3.68	44.48	5.84	Average	261	165
3	5860.00	64.08	74.00	-9.92	58.24	5.84	Peak	261	165
4	11650.00	43.12	54.00	-10.88	27.58	15.54	Average	179	341
5	11650.00	55.86	74.00	-18.14	40.32	15.54	Peak	179	341

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

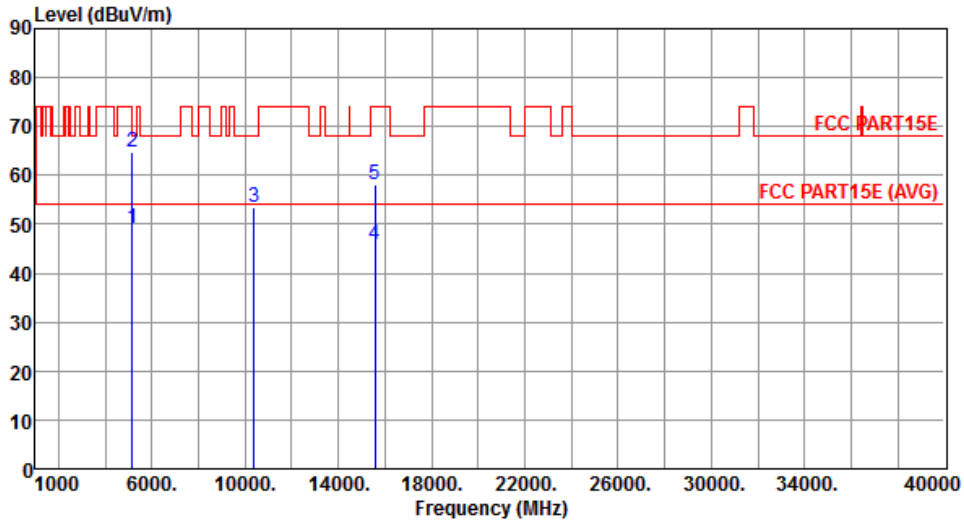


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5850.00	76.85	78.20	-1.35	71.02	5.83	Peak	233	235
2	5860.00	52.84	54.00	-1.16	47.00	5.84	Average	233	235
3	5860.00	71.95	74.00	-2.05	66.11	5.84	Peak	233	235
4	11650.00	49.87	54.00	-4.13	34.33	15.54	Average	322	32
5	11650.00	62.10	74.00	-11.90	46.56	15.54	Peak	322	32

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).

3.5.7 Transmitter Radiated Unwanted Emissions (Above 1GHz) for VHT40

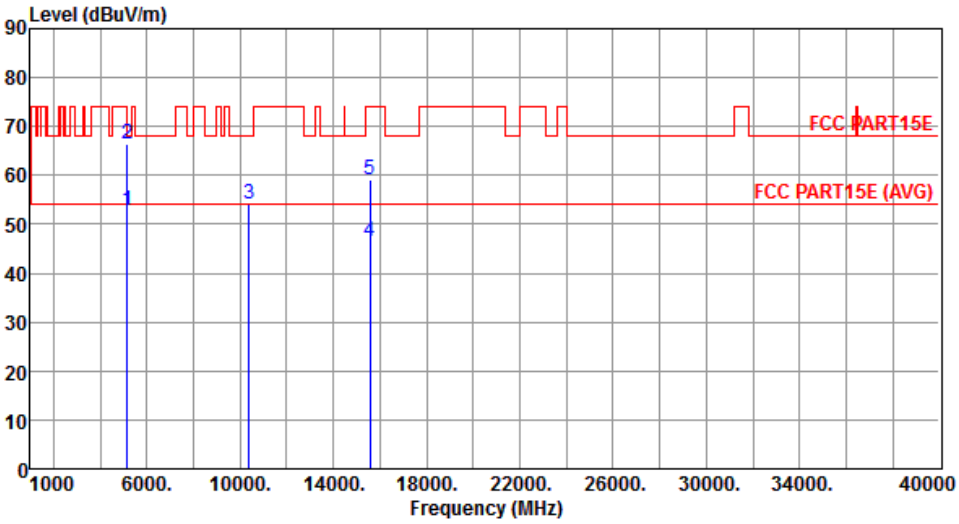
Modulation	VHT40	Test Freq. (MHz)	5190
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	49.05	54.00	-4.95	43.50	5.55	Average	134	145
2	5150.00	64.64	74.00	-9.36	59.09	5.55	Peak	134	145
3	10380.00	53.62	68.20	-14.58	38.12	15.50	Peak	311	111
4	15570.00	45.89	54.00	-8.11	30.25	15.64	Average	297	123
5	15570.00	58.02	74.00	-15.98	42.38	15.64	Peak	297	123

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).

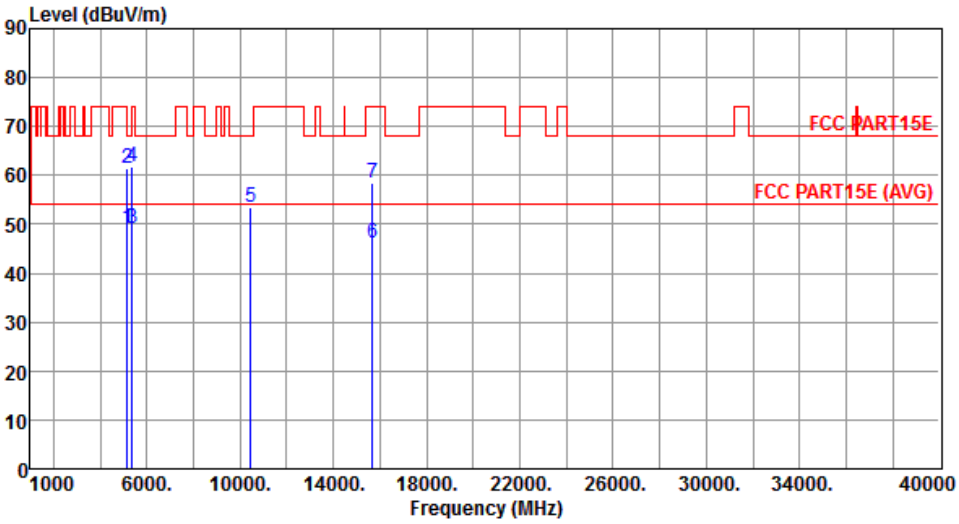
Modulation	VHT40	Test Freq. (MHz)	5190
Polarization	Vertical	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	52.83	54.00	-1.17	47.28	5.55	Average	264	347
2	5150.00	66.58	74.00	-7.42	61.03	5.55	Peak	264	347
3	10380.00	54.23	68.20	-13.97	38.73	15.50	Peak	303	78
4	15570.00	46.57	54.00	-7.43	30.93	15.64	Average	353	9
5	15570.00	59.12	74.00	-14.88	43.48	15.64	Peak	353	9

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).

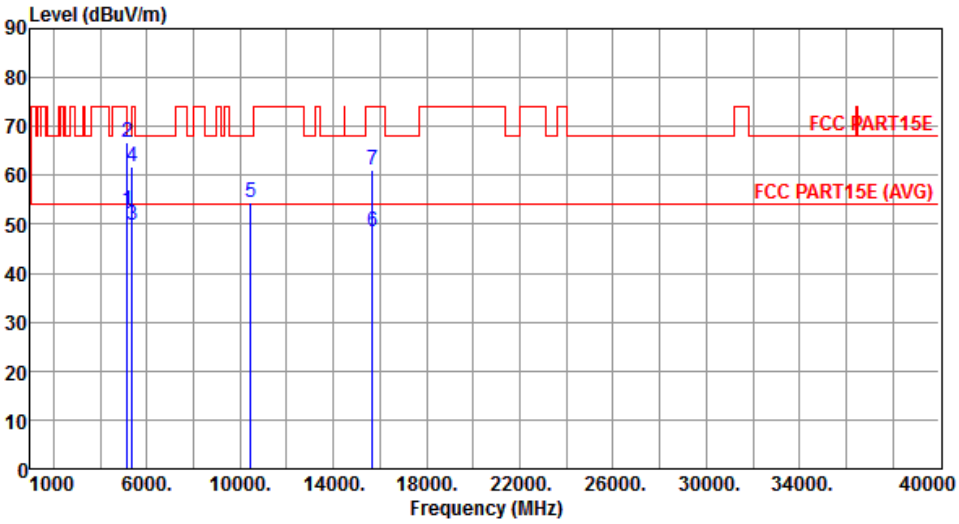
Modulation	VHT40	Test Freq. (MHz)	5230
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	49.11	54.00	-4.89	43.56	5.55	Average	259	221
2	5150.00	61.33	74.00	-12.67	55.78	5.55	Peak	259	221
3	5350.00	49.17	54.00	-4.83	43.50	5.67	Average	259	221
4	5350.00	61.76	74.00	-12.24	56.09	5.67	Peak	259	221
5	10460.00	53.37	68.20	-14.83	37.57	15.80	Peak	305	117
6	15690.00	46.05	54.00	-7.95	30.89	15.16	Average	305	117
7	15690.00	58.30	74.00	-15.70	43.14	15.16	Peak	305	117

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).

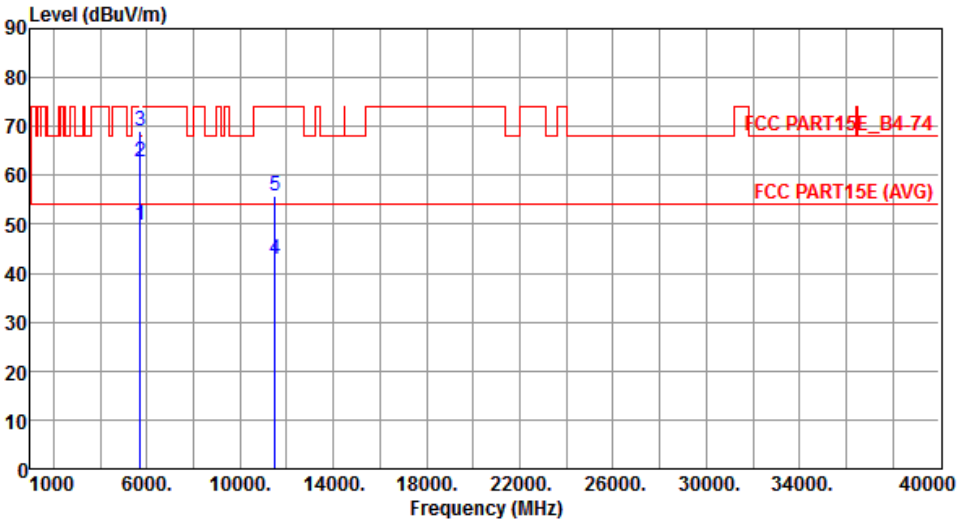
Modulation	VHT40	Test Freq. (MHz)	5230
Polarization	Vertical	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	52.90	54.00	-1.10	47.35	5.55	Average	292	335
2	5150.00	66.64	74.00	-7.36	61.09	5.55	Peak	292	335
3	5350.00	49.84	54.00	-4.16	44.17	5.67	Average	292	335
4	5350.00	61.77	74.00	-12.23	56.10	5.67	Peak	292	335
5	10460.00	54.54	68.20	-13.66	38.74	15.80	Peak	305	73
6	15690.00	48.43	54.00	-5.57	33.27	15.16	Average	350	4
7	15690.00	61.06	74.00	-12.94	45.90	15.16	Peak	350	4

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).

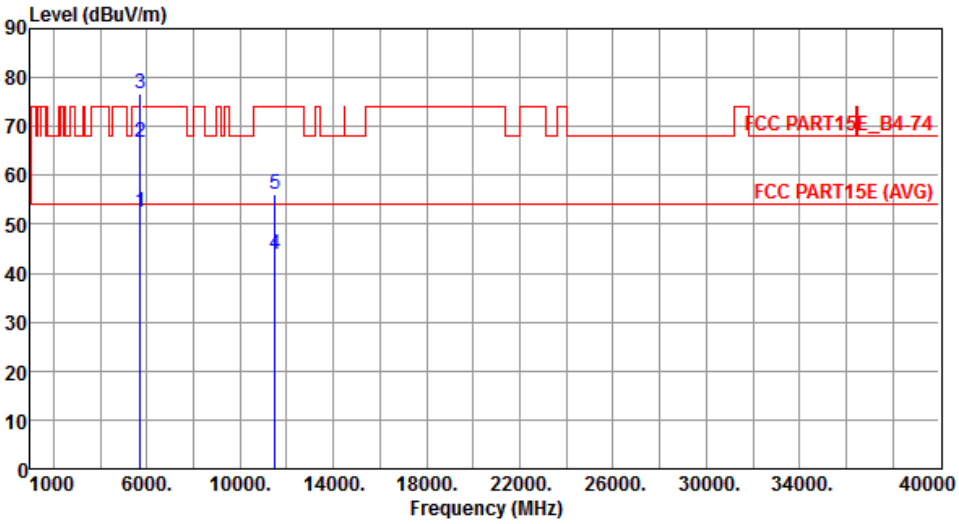
Modulation	VHT40	Test Freq. (MHz)	5755
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	49.79	54.00	-4.21	44.04	5.75	Average	237	130
2	5715.00	62.65	74.00	-11.35	56.90	5.75	Peak	237	130
3	5725.00	69.20	78.20	-9.00	63.47	5.73	Peak	237	130
4	11510.00	42.68	54.00	-11.32	26.77	15.91	Average	265	284
5	11510.00	55.63	74.00	-18.37	39.72	15.91	Peak	265	284

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).

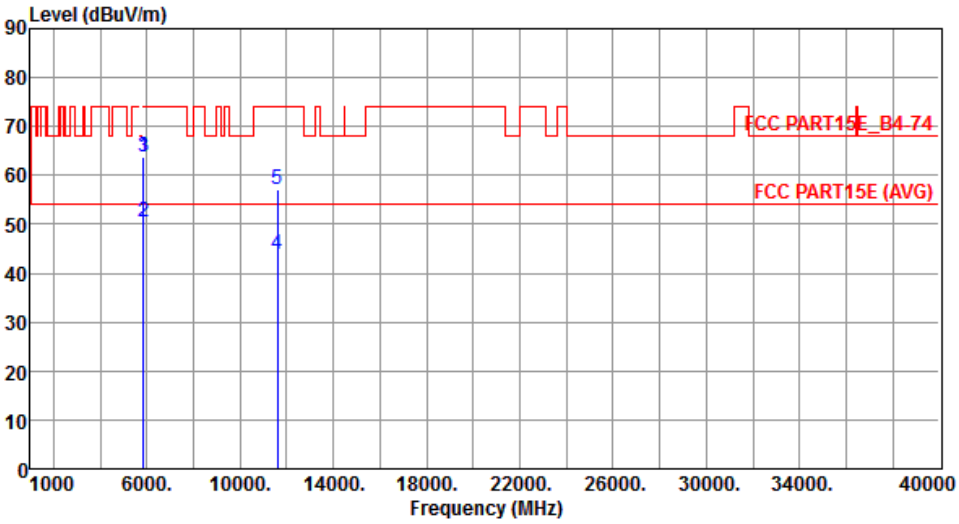
Modulation	VHT40	Test Freq. (MHz)	5755
Polarization	Vertical	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	52.54	54.00	-1.46	46.79	5.75	Average	235	241
2	5715.00	66.83	74.00	-7.17	61.08	5.75	Peak	235	241
3	5725.00	76.73	78.20	-1.47	71.00	5.73	Peak	240	358
4	11510.00	43.79	54.00	-10.21	27.88	15.91	Average	244	89
5	11510.00	56.24	74.00	-17.76	40.33	15.91	Peak	244	89

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).

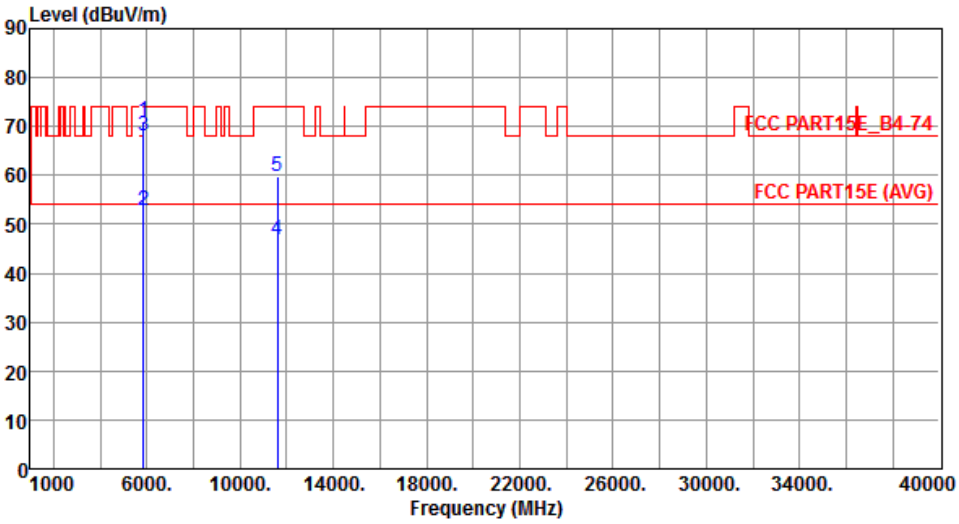
Modulation	VHT40	Test Freq. (MHz)	5795
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5850.00	63.90	78.20	-14.30	58.07	5.83	Peak	256	131
2	5860.00	50.59	54.00	-3.41	44.75	5.84	Average	256	131
3	5860.00	63.71	74.00	-10.29	57.87	5.84	Peak	256	131
4	11590.00	43.79	54.00	-10.21	28.09	15.70	Average	260	288
5	11590.00	56.96	74.00	-17.04	41.26	15.70	Peak	260	288

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	VHT40	Test Freq. (MHz)	5795
Polarization	Vertical	Test Configuration	1

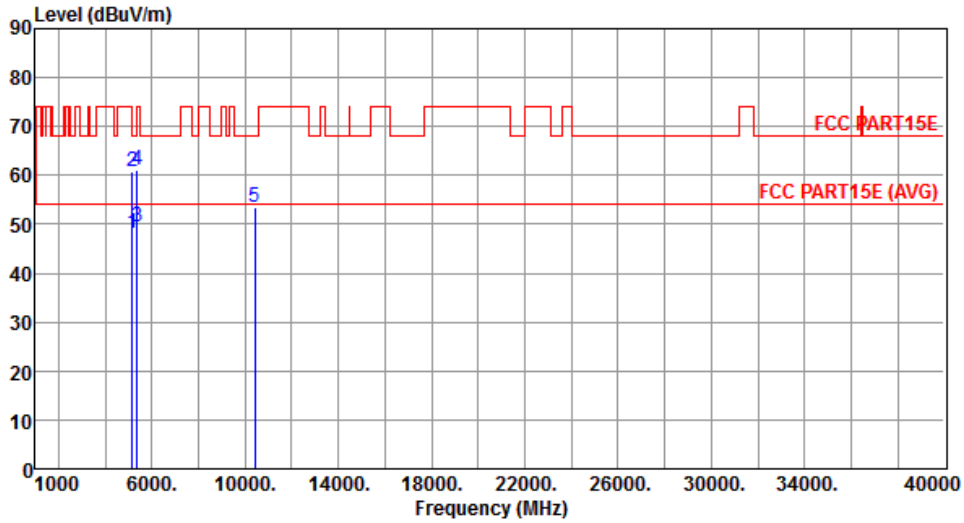


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5850.00	71.12	78.20	-7.08	65.29	5.83	Peak	237	274
2	5860.00	52.71	54.00	-1.29	46.87	5.84	Average	273	272
3	5860.00	68.06	74.00	-5.94	62.22	5.84	Peak	273	272
4	11590.00	46.82	54.00	-7.18	31.12	15.70	Average	241	83
5	11590.00	59.80	74.00	-14.20	44.10	15.70	Peak	241	83

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).

3.5.8 Transmitter Radiated Unwanted Emissions (Above 1GHz) for VHT80

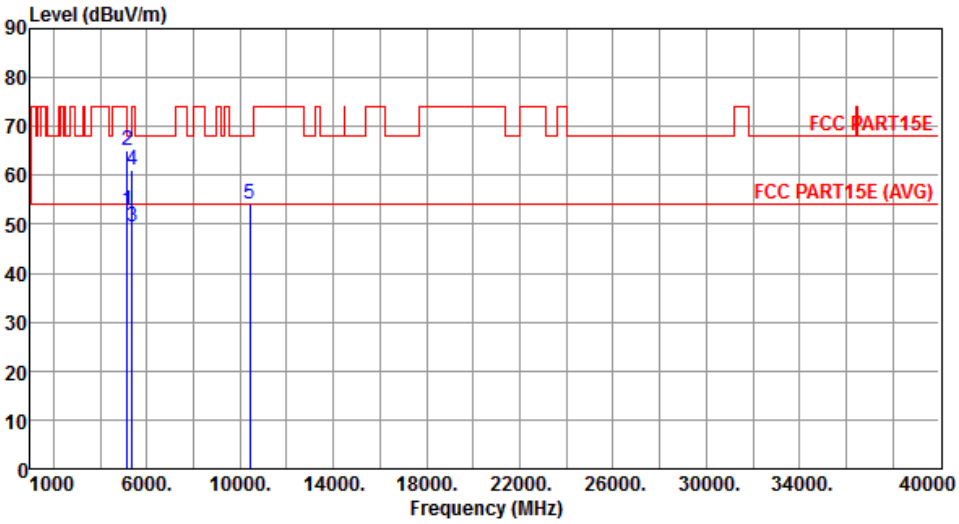
Modulation	VHT80	Test Freq. (MHz)	5210
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	48.14	54.00	-5.86	42.59	5.55	Average	232	140
2	5150.00	60.70	74.00	-13.30	55.15	5.55	Peak	232	140
3	5350.00	49.46	54.00	-4.54	43.79	5.67	Average	232	140
4	5350.00	61.05	74.00	-12.95	55.38	5.67	Peak	232	140
5	10420.00	53.46	68.20	-14.74	37.81	15.65	Peak	315	119

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).

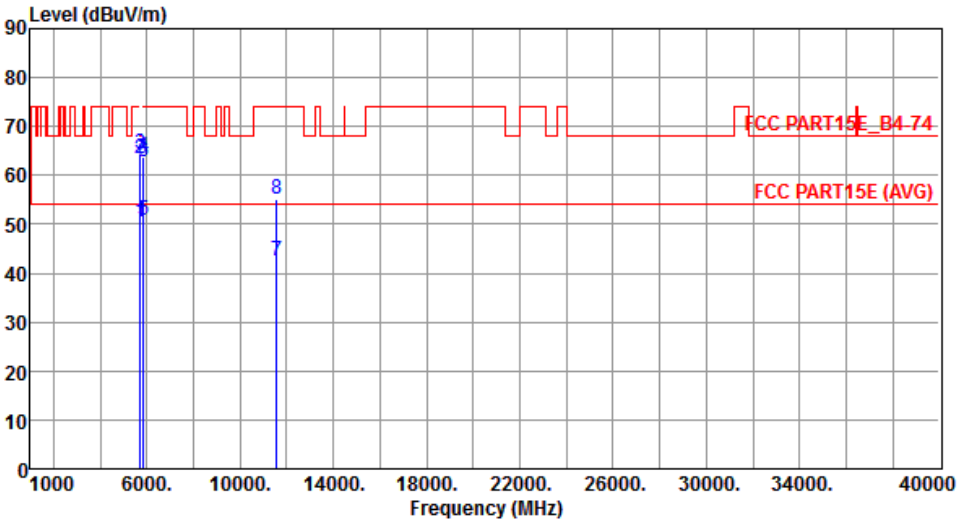
Modulation	VHT80	Test Freq. (MHz)	5210
Polarization	Vertical	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	52.71	54.00	-1.29	47.16	5.55	Average	246	3
2	5150.00	65.19	74.00	-8.81	59.64	5.55	Peak	246	3
3	5350.00	49.59	54.00	-4.41	43.92	5.67	Average	265	123
4	5350.00	61.26	74.00	-12.74	55.59	5.67	Peak	265	123
5	10420.00	54.06	68.20	-14.14	38.41	15.65	Peak	311	71

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).

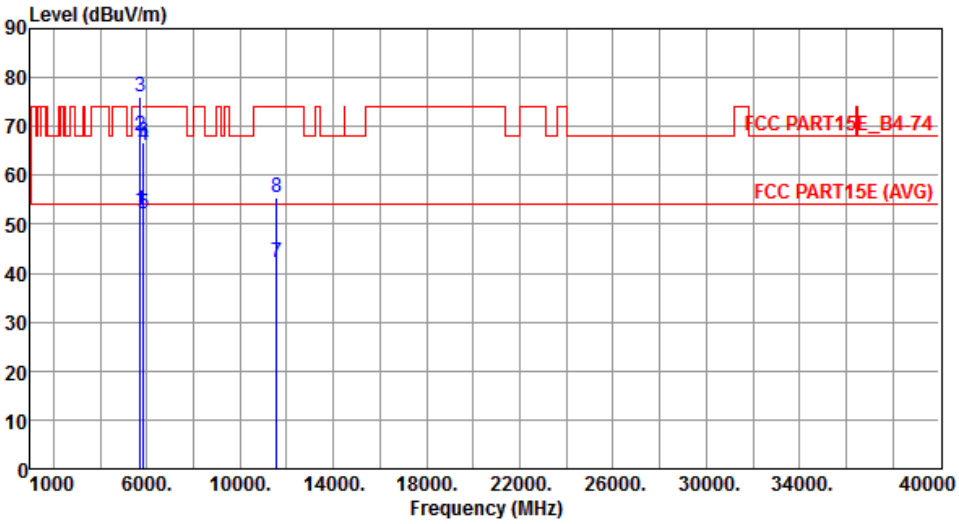
Modulation	VHT80	Test Freq. (MHz)	5775
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	50.59	54.00	-3.41	44.84	5.75	Average	259	298
2	5715.00	63.29	74.00	-10.71	57.54	5.75	Peak	259	298
3	5725.00	64.49	78.20	-13.71	58.76	5.73	Peak	259	298
4	5850.00	63.75	78.20	-14.45	57.92	5.83	Peak	259	298
5	5860.00	50.97	54.00	-3.03	45.13	5.84	Average	259	298
6	5860.00	62.77	74.00	-11.23	56.93	5.84	Peak	259	298
7	11550.00	42.48	54.00	-11.52	26.68	15.80	Average	249	83
8	11550.00	55.00	74.00	-19.00	39.20	15.80	Peak	249	83

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	VHT80	Test Freq. (MHz)	5775
Polarization	Vertical	Test Configuration	1



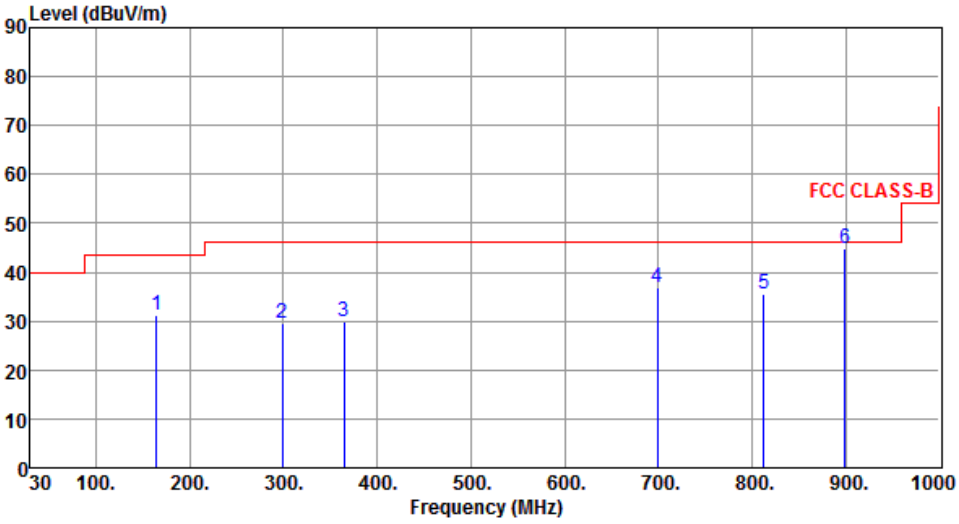
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	52.91	54.00	-1.09	47.16	5.75	Average	265	284
2	5715.00	68.07	74.00	-5.93	62.32	5.75	Peak	265	284
3	5725.00	75.89	78.20	-2.31	70.16	5.73	Peak	263	239
4	5850.00	66.04	78.20	-12.16	60.21	5.83	Peak	232	239
5	5860.00	52.03	54.00	-1.97	46.19	5.84	Average	224	116
6	5860.00	66.65	74.00	-7.35	60.81	5.84	Peak	224	116
7	11550.00	42.32	54.00	-11.68	26.52	15.80	Average	261	278
8	11550.00	55.37	74.00	-18.63	39.57	15.80	Peak	261	278

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).

Test Configuration 2: PIFA antenna with 6dBi gain

3.5.9 Transmitter Radiated Unwanted Emissions (Below 1GHz)

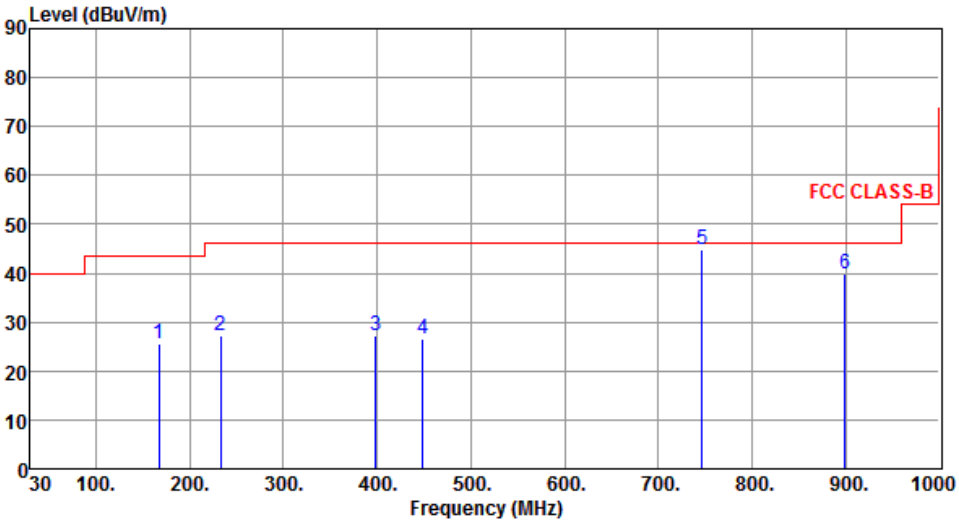
Modulation	VHT40	Test Freq. (MHz)	5230
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	164.83	31.36	43.50	-12.14	48.30	-16.94	Peak	---	---
2	298.69	29.50	46.00	-16.50	45.39	-15.89	Peak	---	---
3	364.65	30.03	46.00	-15.97	44.50	-14.47	Peak	---	---
4	699.30	36.74	46.00	-9.26	44.92	-8.18	Peak	---	---
5	812.79	35.52	46.00	-10.48	42.00	-6.48	Peak	---	---
6	899.12	44.97	46.00	-1.03	50.32	-5.35	QP	100	189

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).
Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

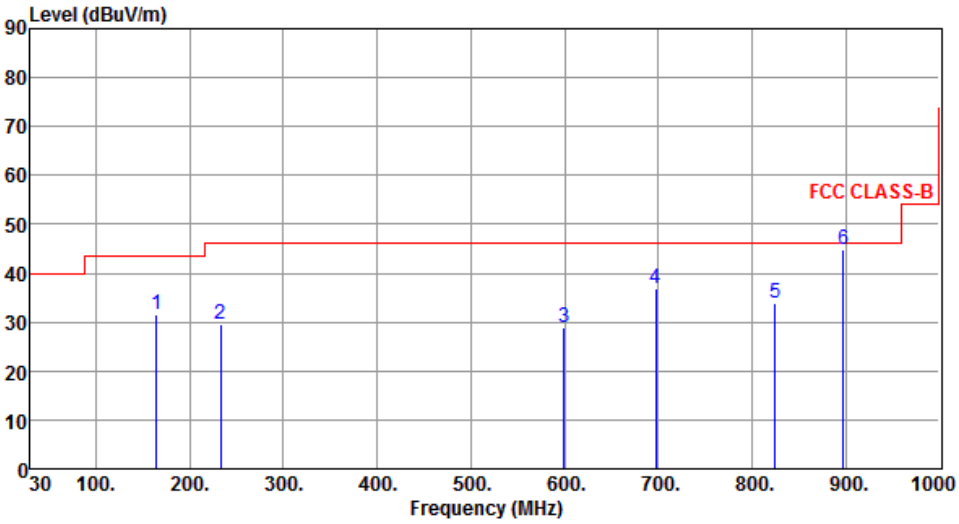
Modulation	VHT40	Test Freq. (MHz)	5230
Polarization	Vertical	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	166.77	25.49	43.50	-18.01	42.50	-17.01	Peak	---	---
2	232.73	27.22	46.00	-18.78	45.70	-18.48	Peak	---	---
3	398.60	27.12	46.00	-18.88	40.65	-13.53	Peak	---	---
4	449.04	26.63	46.00	-19.37	38.90	-12.27	Peak	---	---
5	746.83	44.80	46.00	-1.20	51.95	-7.15	Peak	---	---
6	899.12	39.97	46.00	-6.03	45.32	-5.35	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).
Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

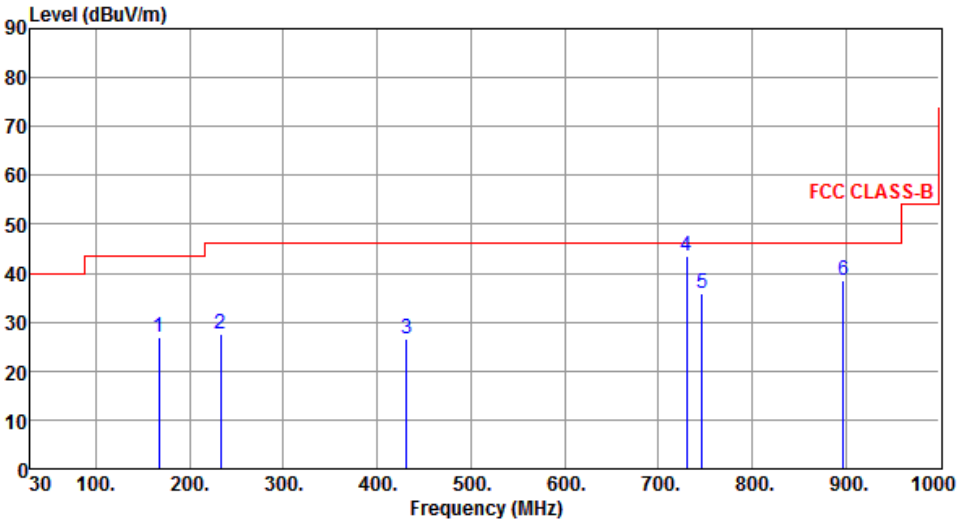
Modulation	VHT40	Test Freq. (MHz)	5795
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	164.83	31.39	43.50	-12.11	48.33	-16.94	Peak	---	---
2	232.73	29.62	46.00	-16.38	48.10	-18.48	Peak	---	---
3	599.39	28.79	46.00	-17.21	38.42	-9.63	Peak	---	---
4	697.36	36.97	46.00	-9.03	45.17	-8.20	Peak	---	---
5	824.43	33.95	46.00	-12.05	40.30	-6.35	Peak	---	---
6	897.18	44.91	46.00	-1.09	50.29	-5.38	QP	100	158

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).
Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

Modulation	VHT40	Test Freq. (MHz)	5795
Polarization	Vertical	Test Configuration	2

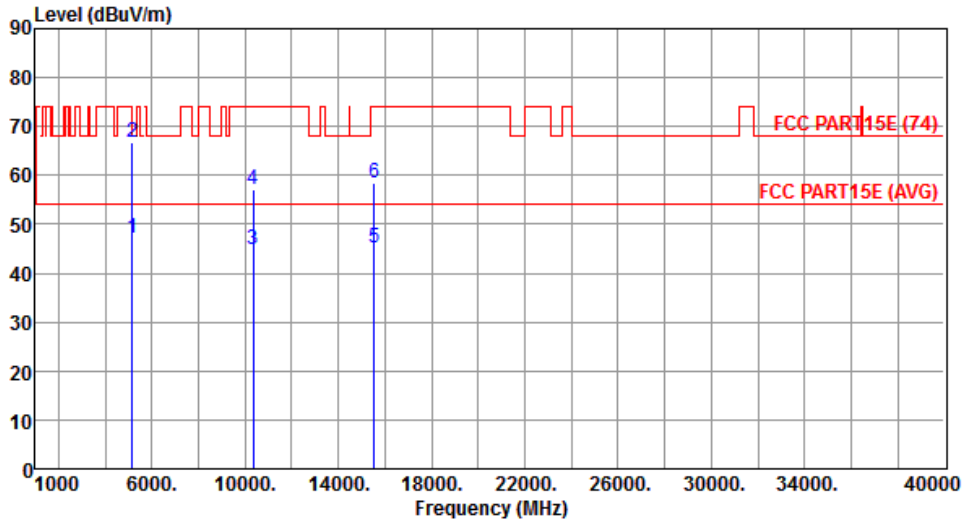


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	166.77	26.99	43.50	-16.51	44.00	-17.01	Peak	---	---
2	232.73	27.49	46.00	-18.51	45.97	-18.48	Peak	---	---
3	431.58	26.56	46.00	-19.44	39.28	-12.72	Peak	---	---
4	730.34	43.59	46.00	-2.41	51.10	-7.51	QP	100	125
5	746.83	35.93	46.00	-10.07	43.08	-7.15	Peak	---	---
6	897.18	38.44	46.00	-7.56	43.82	-5.38	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).
Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

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

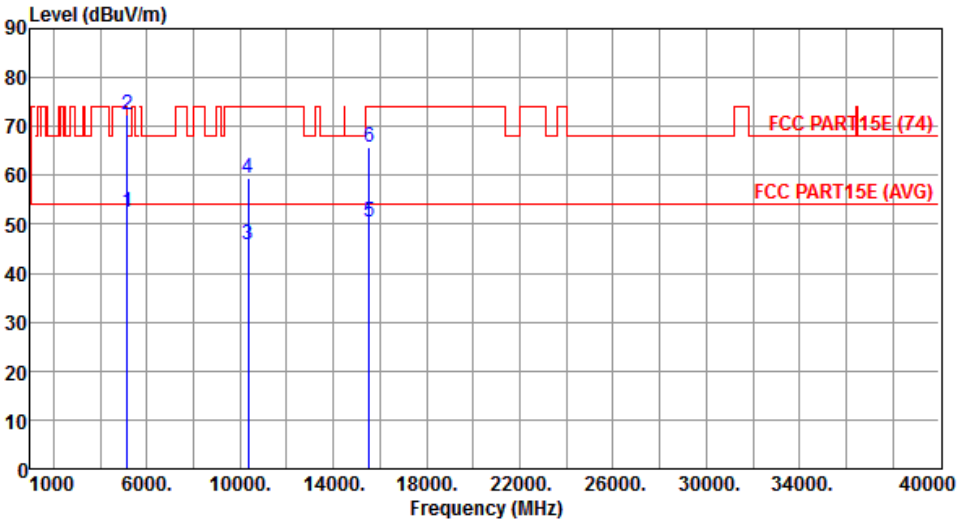
Modulation	11a	Test Freq. (MHz)	5180
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	47.00	54.00	-7.00	41.64	5.36	Average	369	179
2	5150.00	66.68	74.00	-7.32	61.32	5.36	Peak	369	179
3	10360.00	44.87	54.00	-9.13	29.06	15.81	Average	268	284
4	10360.00	56.96	74.00	-17.04	41.15	15.81	Peak	268	284
5	15540.00	45.33	54.00	-8.67	28.14	17.19	Average	253	317
6	15540.00	58.35	74.00	-15.65	41.16	17.19	Peak	253	317

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).

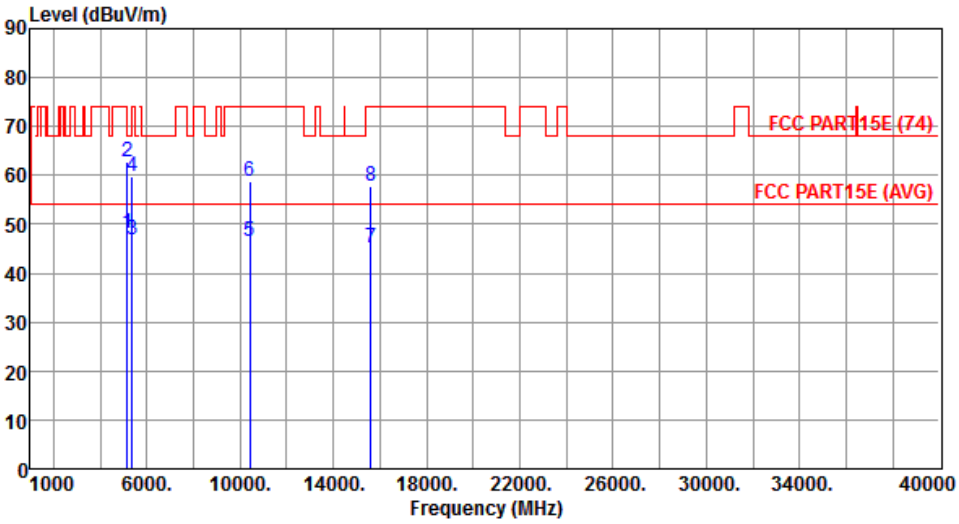
Modulation	11a	Test Freq. (MHz)	5180
Polarization	Vertical	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	52.52	54.00	-1.48	47.16	5.36	Average	270	313
2	5150.00	72.38	74.00	-1.62	67.02	5.36	Peak	270	313
3	10360.00	45.89	54.00	-8.11	30.08	15.81	Average	271	221
4	10360.00	59.36	74.00	-14.64	43.55	15.81	Peak	271	221
5	15540.00	50.43	54.00	-3.57	33.24	17.19	Average	258	181
6	15540.00	65.79	74.00	-8.21	48.60	17.19	Peak	258	181

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).

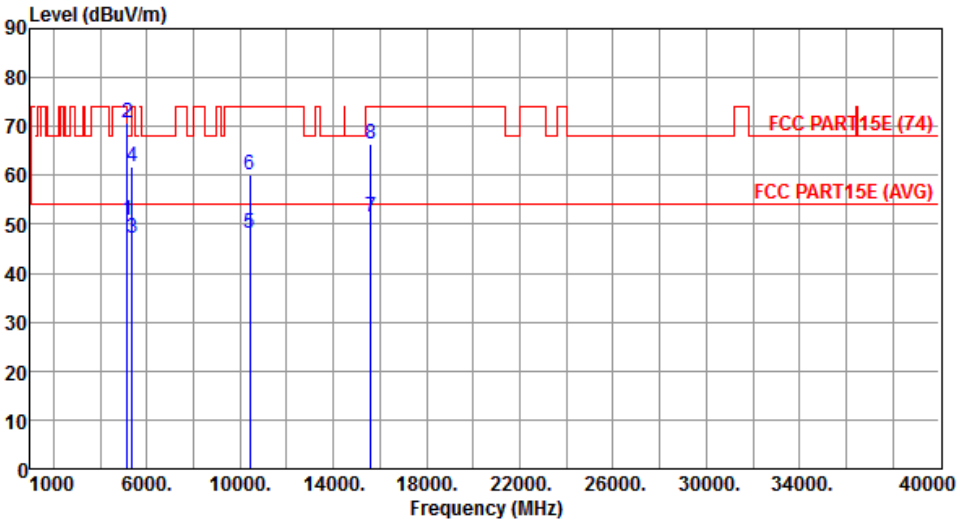
Modulation	11a	Test Freq. (MHz)	5200
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	48.08	54.00	-5.92	42.72	5.36	Average	341	291
2	5150.00	62.68	74.00	-11.32	57.32	5.36	Peak	341	291
3	5350.00	46.96	54.00	-7.04	41.51	5.45	Average	341	291
4	5350.00	59.88	74.00	-14.12	54.43	5.45	Peak	341	291
5	10400.00	46.41	54.00	-7.59	30.40	16.01	Average	266	292
6	10400.00	58.74	74.00	-15.26	42.73	16.01	Peak	266	292
7	15600.00	45.11	54.00	-8.89	28.20	16.91	Average	253	327
8	15600.00	57.83	74.00	-16.17	40.92	16.91	Peak	253	327

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).

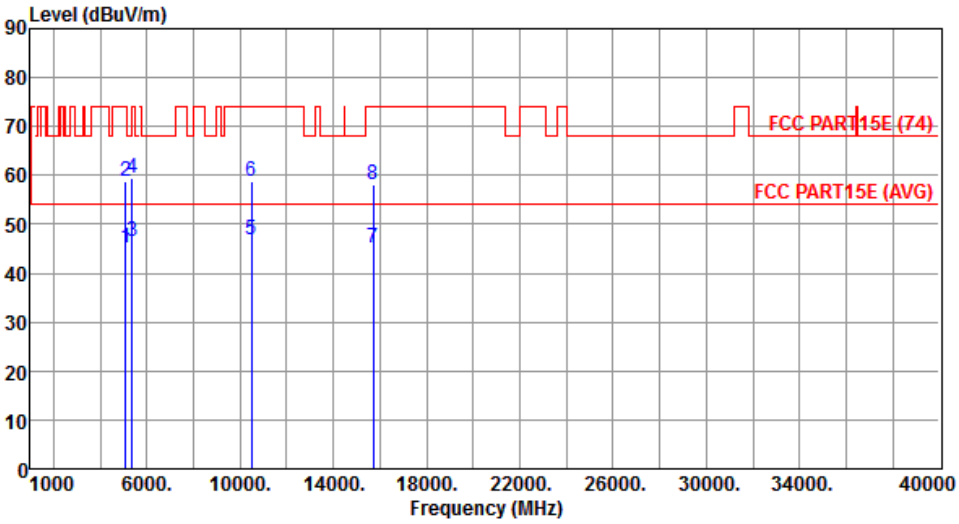
Modulation	11a	Test Freq. (MHz)	5200
Polarization	Vertical	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	50.96	54.00	-3.04	45.60	5.36	Average	263	154
2	5150.00	70.80	74.00	-3.20	65.44	5.36	Peak	263	154
3	5350.00	47.24	54.00	-6.76	41.79	5.45	Average	253	311
4	5350.00	61.69	74.00	-12.31	56.24	5.45	Peak	253	311
5	10400.00	48.21	54.00	-5.79	32.20	16.01	Average	264	226
6	10400.00	60.23	74.00	-13.77	44.22	16.01	Peak	264	226
7	15600.00	51.46	54.00	-2.54	34.55	16.91	Average	256	185
8	15600.00	66.46	74.00	-7.54	49.55	16.91	Peak	256	185

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).

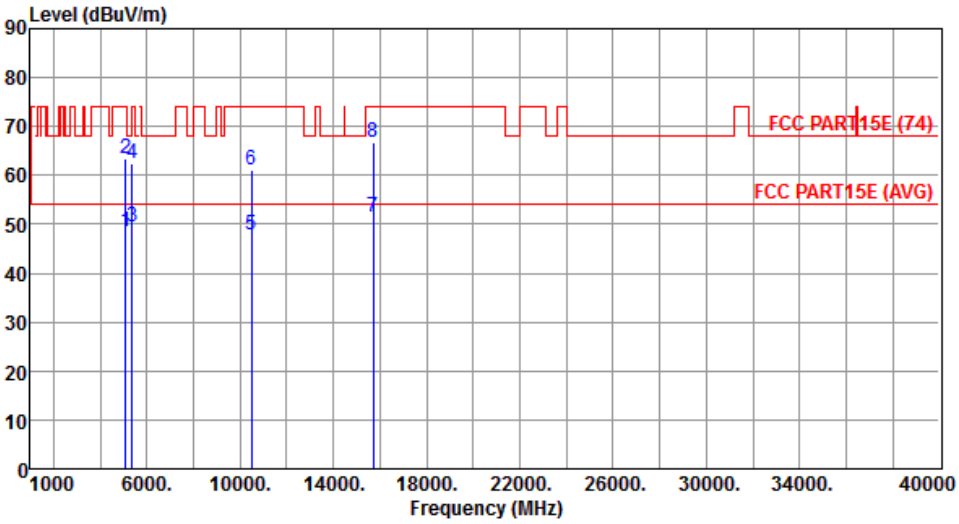
Modulation	11a	Test Freq. (MHz)	5240
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5084.00	45.03	54.00	-8.97	39.73	5.30	Average	345	296
2	5084.00	58.94	74.00	-15.06	53.64	5.30	Peak	345	296
3	5350.00	46.60	54.00	-7.40	41.15	5.45	Average	345	296
4	5350.00	59.35	74.00	-14.65	53.90	5.45	Peak	345	296
5	10480.00	46.72	54.00	-7.28	30.29	16.43	Average	261	284
6	10480.00	58.87	74.00	-15.13	42.44	16.43	Peak	261	284
7	15720.00	45.33	54.00	-8.67	28.97	16.36	Average	259	321
8	15720.00	58.10	74.00	-15.90	41.74	16.36	Peak	259	321

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).

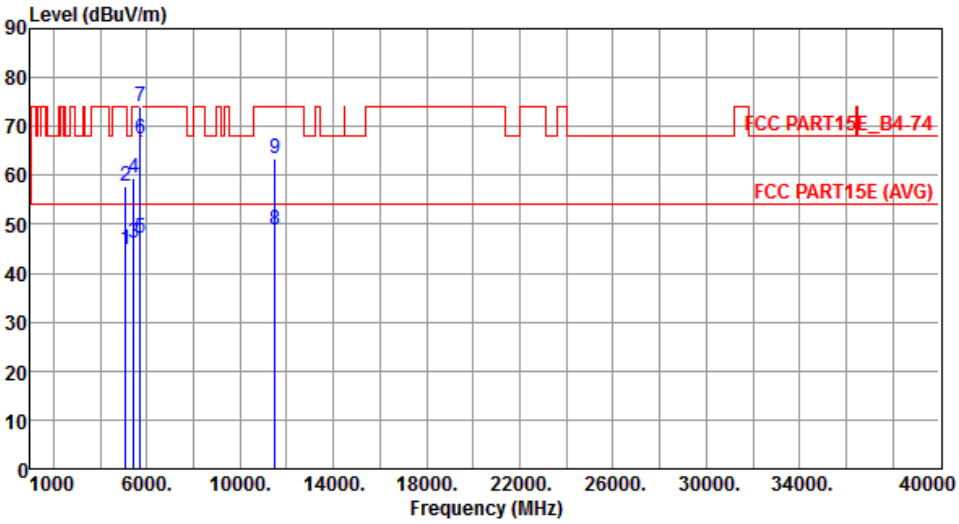
Modulation	11a	Test Freq. (MHz)	5240
Polarization	Vertical	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5084.00	48.33	54.00	-5.67	43.03	5.30	Average	237	37
2	5084.00	63.42	74.00	-10.58	58.12	5.30	Peak	237	37
3	5350.00	49.33	54.00	-4.67	43.88	5.45	Average	259	314
4	5350.00	62.46	74.00	-11.54	57.01	5.45	Peak	259	314
5	10480.00	47.80	54.00	-6.20	31.37	16.43	Average	279	226
6	10480.00	61.11	74.00	-12.89	44.68	16.43	Peak	279	226
7	15720.00	51.36	54.00	-2.64	35.00	16.36	Average	253	185
8	15720.00	66.68	74.00	-7.32	50.32	16.36	Peak	253	185

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).

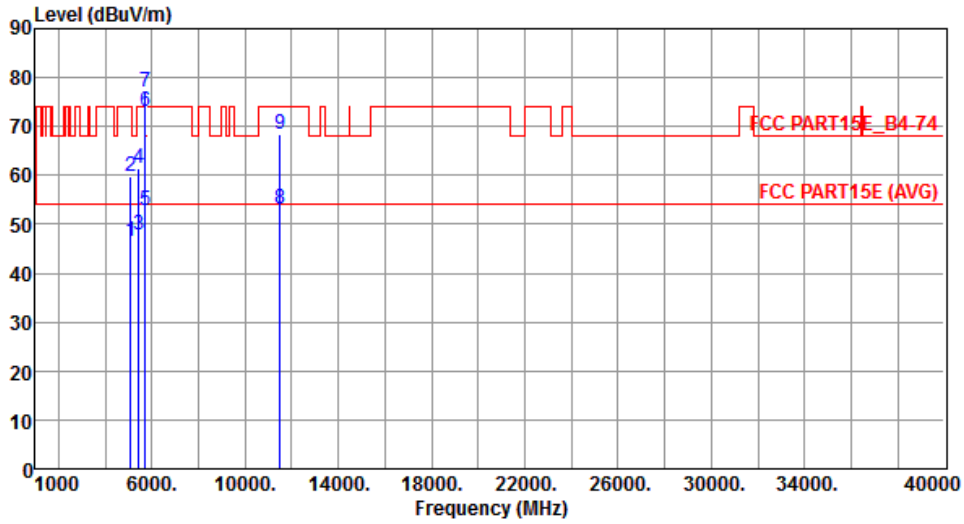
Modulation	11a	Test Freq. (MHz)	5745
Polarization	Horizontal	Test Configuration	2



	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	44.71	54.00	-9.29	39.40	5.31	Average	262	210
2	5097.00	57.82	74.00	-16.18	52.51	5.31	Peak	262	210
3	5427.00	46.07	54.00	-7.93	40.60	5.47	Average	262	210
4	5427.00	59.44	74.00	-14.56	53.97	5.47	Peak	262	210
5	5715.00	47.31	54.00	-6.69	41.75	5.56	Average	262	210
6	5715.00	67.55	74.00	-6.45	61.99	5.56	Peak	262	210
7	5725.00	74.07	78.20	-4.13	68.52	5.55	Peak	262	210
8	11490.00	48.66	54.00	-5.34	31.30	17.36	Average	280	131
9	11490.00	63.33	74.00	-10.67	45.97	17.36	Peak	280	131

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).

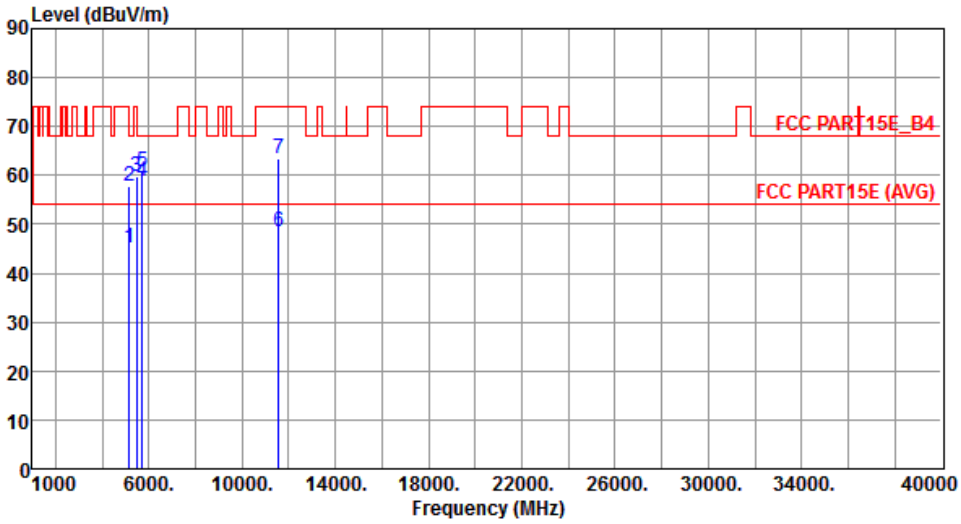
Modulation	11a	Test Freq. (MHz)	5745
Polarization	Vertical	Test Configuration	2



	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	46.53	54.00	-7.47	41.22	5.31	Average	284	97
2	5097.00	59.70	74.00	-14.30	54.39	5.31	Peak	284	97
3	5427.00	47.92	54.00	-6.08	42.45	5.47	Average	284	97
4	5427.00	61.36	74.00	-12.64	55.89	5.47	Peak	284	97
5	5715.00	52.96	54.00	-1.04	47.40	5.56	Average	271	119
6	5715.00	72.98	74.00	-1.02	67.42	5.56	Peak	271	119
7	5725.00	77.09	78.20	-1.11	71.54	5.55	Peak	271	119
8	11490.00	52.99	54.00	-1.01	35.63	17.36	Average	263	212
9	11490.00	68.45	74.00	-5.55	51.09	17.36	Peak	263	212

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).

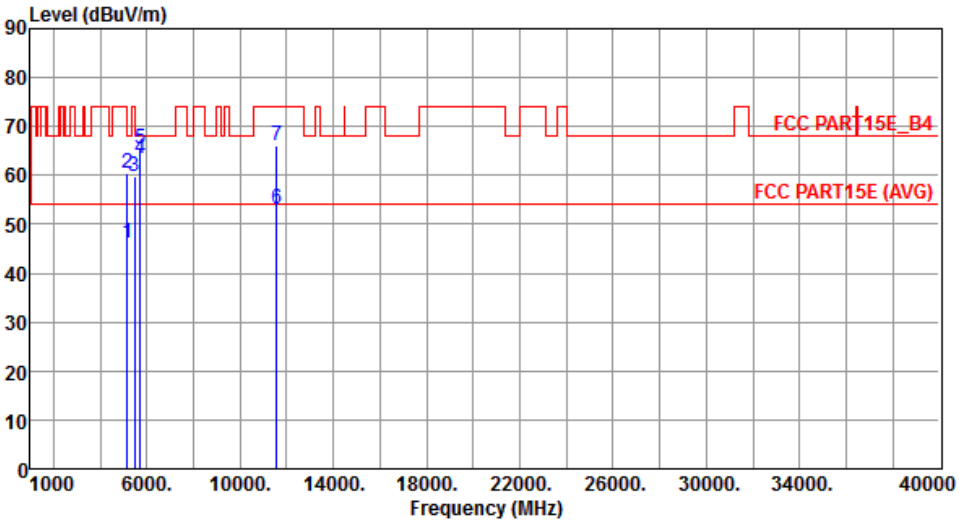
Modulation	11a	Test Freq. (MHz)	5785
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5143.00	45.31	54.00	-8.69	39.96	5.35	Average	270	225
2	5143.00	57.95	74.00	-16.05	52.60	5.35	Peak	270	225
3	5465.00	59.69	68.20	-8.51	54.22	5.47	Peak	270	225
4	5715.00	58.93	68.20	-9.27	53.37	5.56	Peak	270	225
5	5725.00	60.91	78.20	-17.29	55.36	5.55	Peak	270	225
6	11570.00	48.39	54.00	-5.61	31.21	17.18	Average	236	266
7	11570.00	63.58	74.00	-10.42	46.40	17.18	Peak	236	266

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).

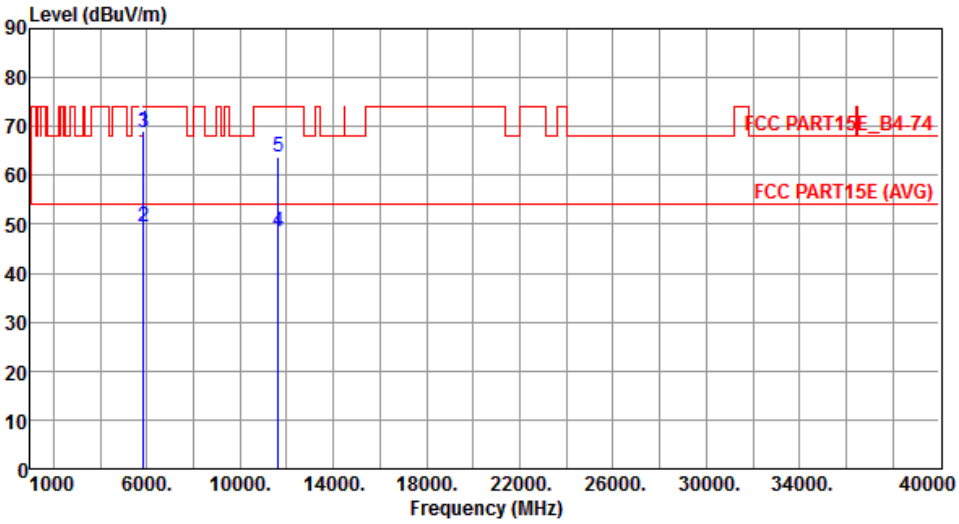
Modulation	11a	Test Freq. (MHz)	5785
Polarization	Vertical	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5143.00	46.22	54.00	-7.78	40.87	5.35	Average	298	158
2	5143.00	60.55	74.00	-13.45	55.20	5.35	Peak	298	158
3	5465.00	59.87	68.20	-8.33	54.40	5.47	Peak	298	158
4	5715.00	63.51	68.20	-4.69	57.95	5.56	Peak	298	158
5	5725.00	65.51	78.20	-12.69	59.96	5.55	Peak	298	158
6	11570.00	52.98	54.00	-1.02	35.80	17.18	Average	253	216
7	11570.00	66.21	74.00	-7.79	49.03	17.18	Peak	253	216

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).

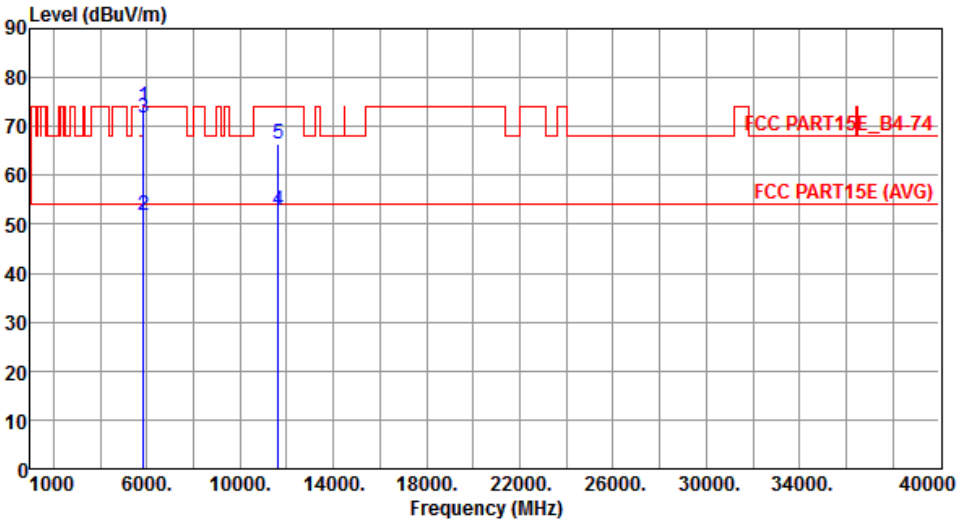
Modulation	11a	Test Freq. (MHz)	5825
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5850.00	69.08	78.20	-9.12	63.40	5.68	Peak	269	219
2	5860.00	49.51	54.00	-4.49	43.82	5.69	Average	284	210
3	5860.00	68.89	74.00	-5.11	63.20	5.69	Peak	284	210
4	11650.00	48.45	54.00	-5.55	31.49	16.96	Average	231	257
5	11650.00	63.86	74.00	-10.14	46.90	16.96	Peak	231	257

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

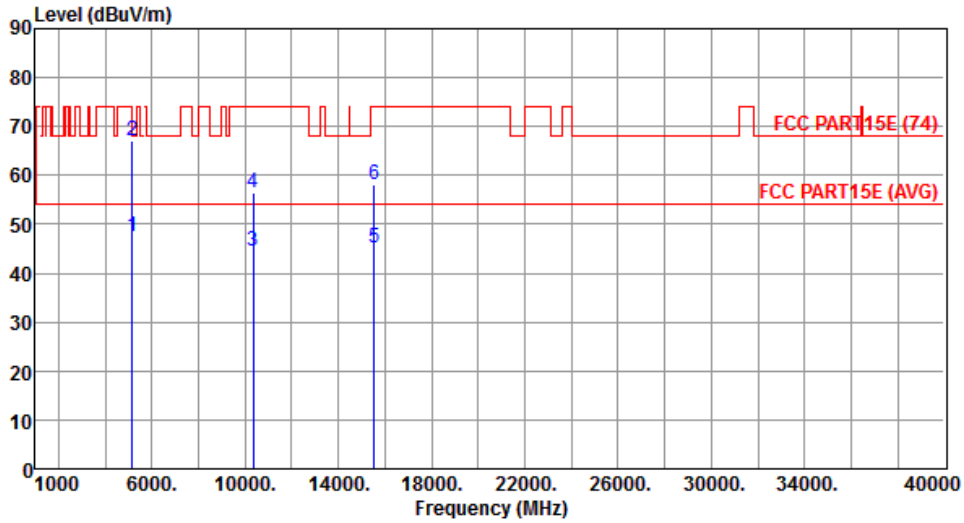


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5850.00	73.96	78.20	-4.24	68.28	5.68	Peak	307	301
2	5860.00	51.73	54.00	-2.27	46.04	5.69	Average	307	301
3	5860.00	71.65	74.00	-2.35	65.96	5.69	Peak	307	301
4	11650.00	52.75	54.00	-1.25	35.79	16.96	Average	227	324
5	11650.00	66.55	74.00	-7.45	49.59	16.96	Peak	227	324

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).

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

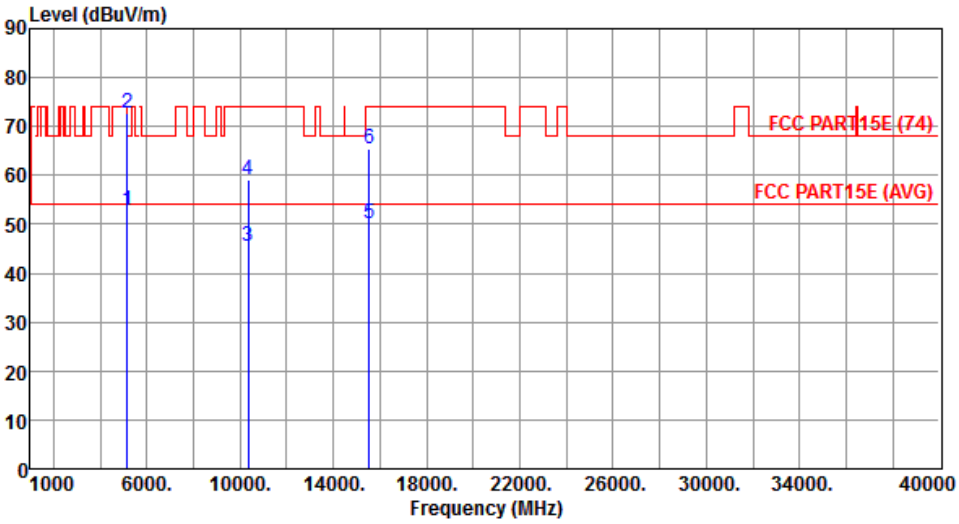
Modulation	VHT20	Test Freq. (MHz)	5180
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	47.33	54.00	-6.67	41.97	5.36	Average	361	172
2	5150.00	67.10	74.00	-6.90	61.74	5.36	Peak	361	172
3	10360.00	44.62	54.00	-9.38	28.81	15.81	Average	260	287
4	10360.00	56.53	74.00	-17.47	40.72	15.81	Peak	260	287
5	15540.00	45.09	54.00	-8.91	27.90	17.19	Average	255	321
6	15540.00	58.12	74.00	-15.88	40.93	17.19	Peak	255	321

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).

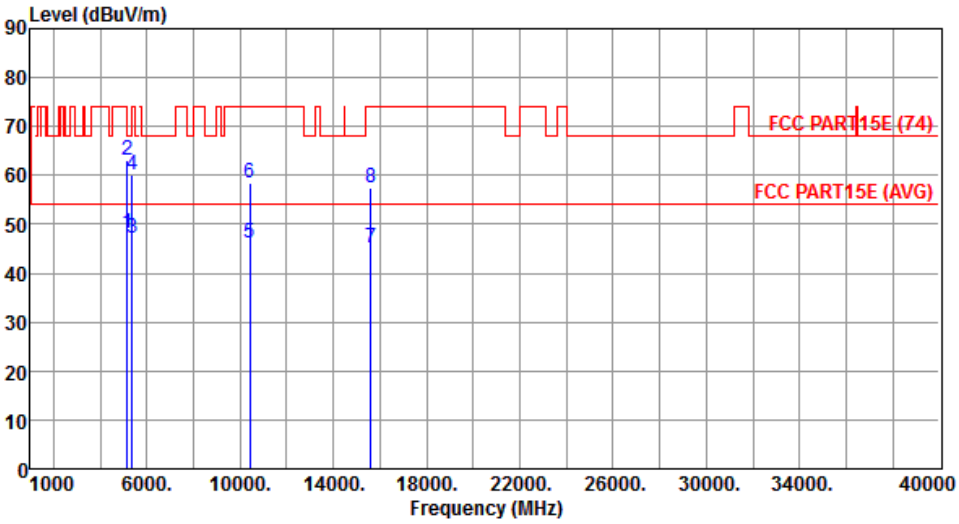
Modulation	VHT20	Test Freq. (MHz)	5180
Polarization	Vertical	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	52.82	54.00	-1.18	47.46	5.36	Average	301	313
2	5150.00	72.70	74.00	-1.30	67.34	5.36	Peak	301	313
3	10360.00	45.46	54.00	-8.54	29.65	15.81	Average	266	212
4	10360.00	59.03	74.00	-14.97	43.22	15.81	Peak	266	212
5	15540.00	50.12	54.00	-3.88	32.93	17.19	Average	253	189
6	15540.00	65.49	74.00	-8.51	48.30	17.19	Peak	253	189

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).

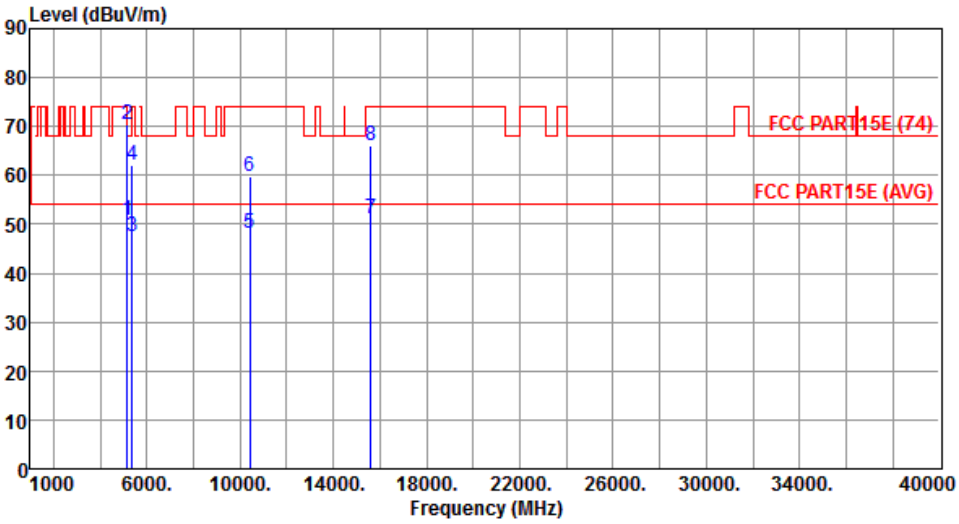
Modulation	VHT20	Test Freq. (MHz)	5200
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	48.23	54.00	-5.77	42.87	5.36	Average	348	296
2	5150.00	63.10	74.00	-10.90	57.74	5.36	Peak	348	296
3	5350.00	47.14	54.00	-6.86	41.69	5.45	Average	348	296
4	5350.00	60.05	74.00	-13.95	54.60	5.45	Peak	348	296
5	10400.00	46.12	54.00	-7.88	30.11	16.01	Average	260	288
6	10400.00	58.37	74.00	-15.63	42.36	16.01	Peak	260	288
7	15600.00	45.02	54.00	-8.98	28.11	16.91	Average	244	322
8	15600.00	57.43	74.00	-16.57	40.52	16.91	Peak	244	322

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).

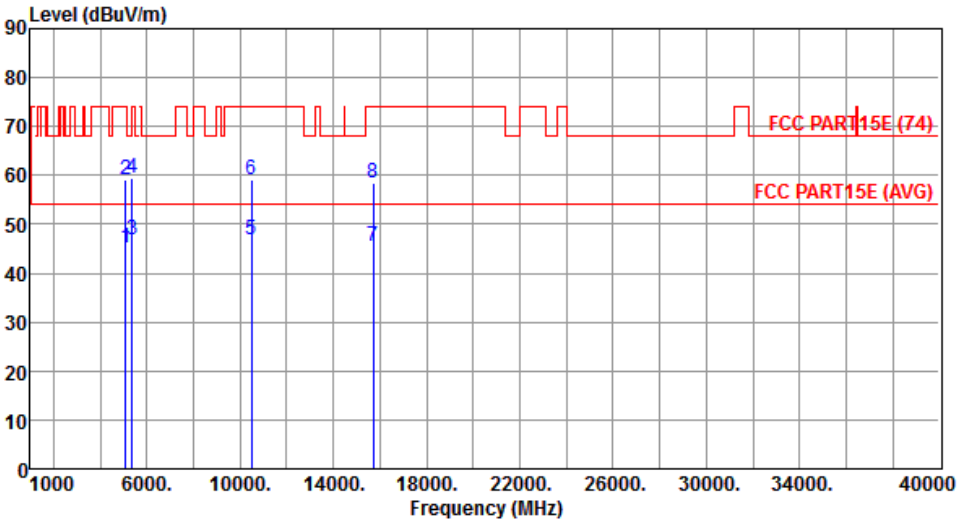
Modulation	VHT20	Test Freq. (MHz)	5200
Polarization	Vertical	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	50.91	54.00	-3.09	45.55	5.36	Average	261	163
2	5150.00	70.32	74.00	-3.68	64.96	5.36	Peak	261	163
3	5350.00	47.50	54.00	-6.50	42.05	5.45	Average	307	162
4	5350.00	62.18	74.00	-11.82	56.73	5.45	Peak	307	162
5	10400.00	48.02	54.00	-5.98	32.01	16.01	Average	258	222
6	10400.00	59.93	74.00	-14.07	43.92	16.01	Peak	258	222
7	15600.00	51.03	54.00	-2.97	34.12	16.91	Average	251	182
8	15600.00	66.11	74.00	-7.89	49.20	16.91	Peak	251	182

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).

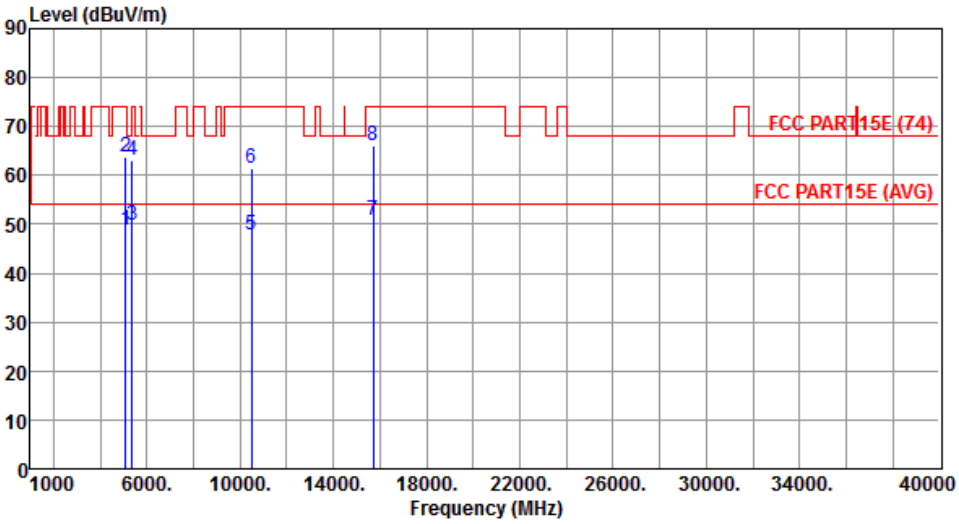
Modulation	VHT20	Test Freq. (MHz)	5240
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5084.00	45.31	54.00	-8.69	40.01	5.30	Average	342	293
2	5084.00	59.12	74.00	-14.88	53.82	5.30	Peak	342	293
3	5350.00	46.98	54.00	-7.02	41.53	5.45	Average	342	293
4	5350.00	59.57	74.00	-14.43	54.12	5.45	Peak	342	293
5	10480.00	46.87	54.00	-7.13	30.44	16.43	Average	265	288
6	10480.00	59.10	74.00	-14.90	42.67	16.43	Peak	265	288
7	15720.00	45.52	54.00	-8.48	29.16	16.36	Average	255	326
8	15720.00	58.36	74.00	-15.64	42.00	16.36	Peak	255	326

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).

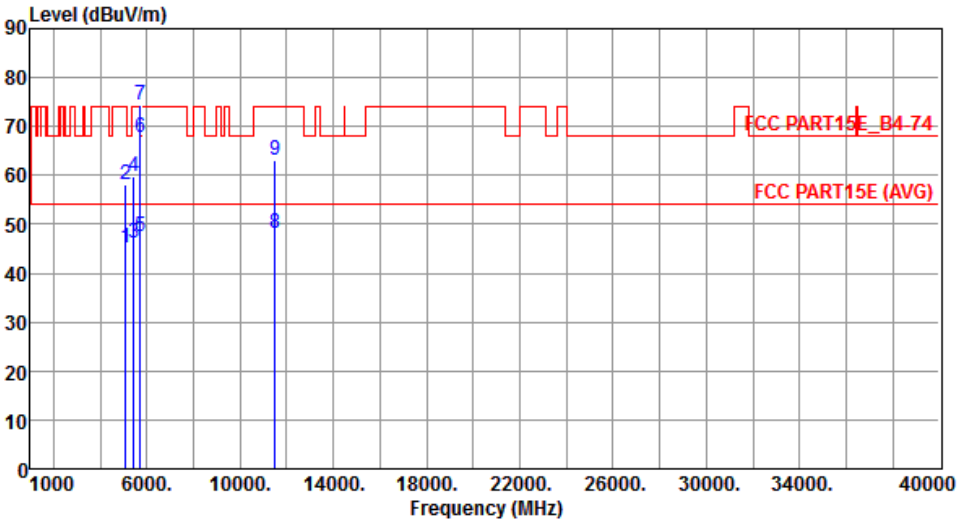
Modulation	VHT20	Test Freq. (MHz)	5240
Polarization	Vertical	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5084.00	48.69	54.00	-5.31	43.39	5.30	Average	231	34
2	5084.00	63.83	74.00	-10.17	58.53	5.30	Peak	231	34
3	5350.00	49.78	54.00	-4.22	44.33	5.45	Average	255	313
4	5350.00	62.97	74.00	-11.03	57.52	5.45	Peak	255	313
5	10480.00	47.96	54.00	-6.04	31.53	16.43	Average	274	229
6	10480.00	61.33	74.00	-12.67	44.90	16.43	Peak	274	229
7	15720.00	50.87	54.00	-3.13	34.51	16.36	Average	279	184
8	15720.00	66.14	74.00	-7.86	49.78	16.36	Peak	279	184

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).

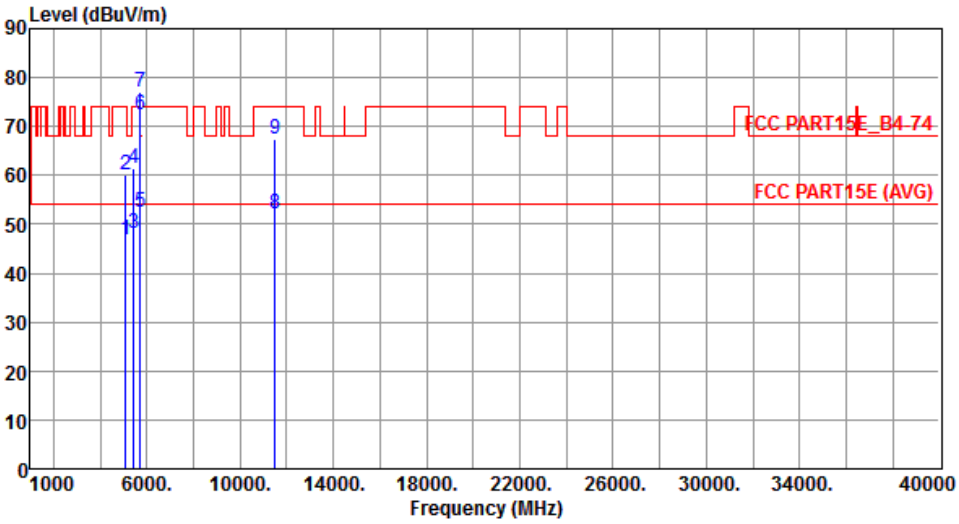
Modulation	VHT20	Test Freq. (MHz)	5745
Polarization	Horizontal	Test Configuration	2



	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	45.12	54.00	-8.88	39.81	5.31	Average	266	213
2	5097.00	58.19	74.00	-15.81	52.88	5.31	Peak	266	213
3	5427.00	46.30	54.00	-7.70	40.83	5.47	Average	268	217
4	5427.00	59.78	74.00	-14.22	54.31	5.47	Peak	268	217
5	5715.00	47.65	54.00	-6.35	42.09	5.56	Average	265	212
6	5715.00	67.89	74.00	-6.11	62.33	5.56	Peak	265	212
7	5725.00	74.49	78.20	-3.71	68.94	5.55	Peak	265	212
8	11490.00	48.23	54.00	-5.77	30.87	17.36	Average	288	140
9	11490.00	62.96	74.00	-11.04	45.60	17.36	Peak	288	140

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).

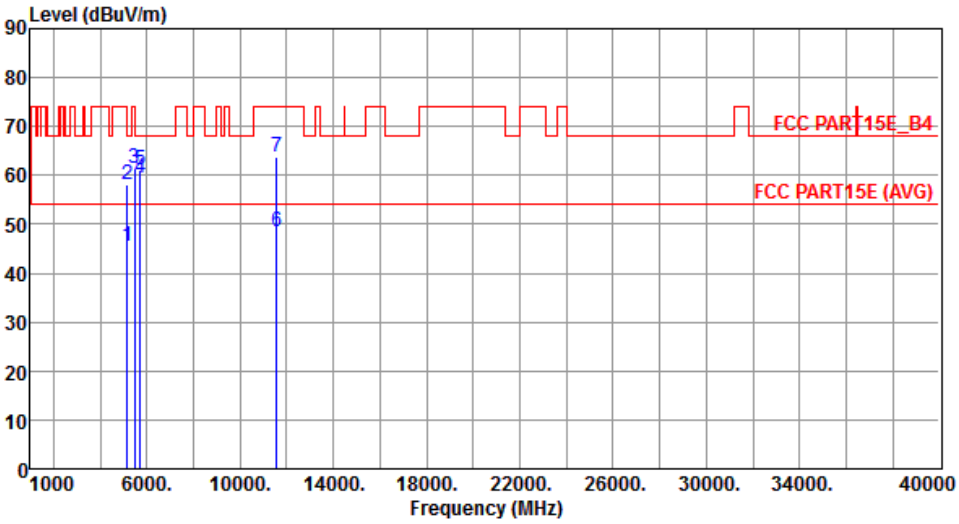
Modulation	VHT20	Test Freq. (MHz)	5745
Polarization	Vertical	Test Configuration	2



	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	46.82	54.00	-7.18	41.51	5.31	Average	289	91
2	5097.00	60.12	74.00	-13.88	54.81	5.31	Peak	289	91
3	5427.00	48.13	54.00	-5.87	42.66	5.47	Average	288	92
4	5427.00	61.54	74.00	-12.46	56.07	5.47	Peak	288	92
5	5715.00	52.46	54.00	-1.54	46.90	5.56	Average	314	176
6	5715.00	72.30	74.00	-1.70	66.74	5.56	Peak	314	176
7	5725.00	77.17	78.20	-1.03	71.62	5.55	Peak	296	199
8	11490.00	51.98	54.00	-2.02	34.62	17.36	Average	267	215
9	11490.00	67.36	74.00	-6.64	50.00	17.36	Peak	267	215

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).

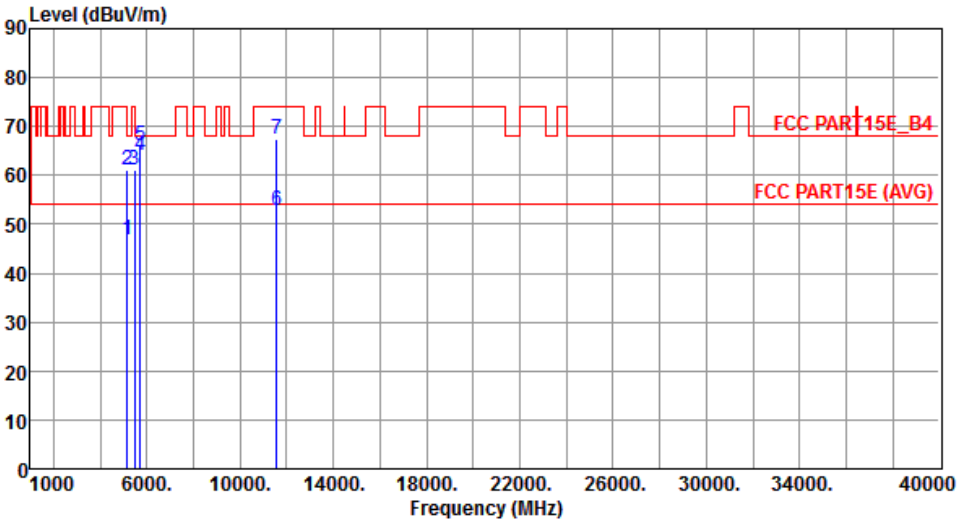
Modulation	VHT20	Test Freq. (MHz)	5785
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5143.00	45.65	54.00	-8.35	40.30	5.35	Average	273	221
2	5143.00	58.12	74.00	-15.88	52.77	5.35	Peak	273	221
3	5465.00	61.46	68.20	-6.74	55.99	5.47	Peak	273	221
4	5715.00	59.37	68.20	-8.83	53.81	5.56	Peak	273	221
5	5725.00	61.27	78.20	-16.93	55.72	5.55	Peak	273	221
6	11570.00	48.64	54.00	-5.36	31.46	17.18	Average	232	263
7	11570.00	63.89	74.00	-10.11	46.71	17.18	Peak	232	263

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).

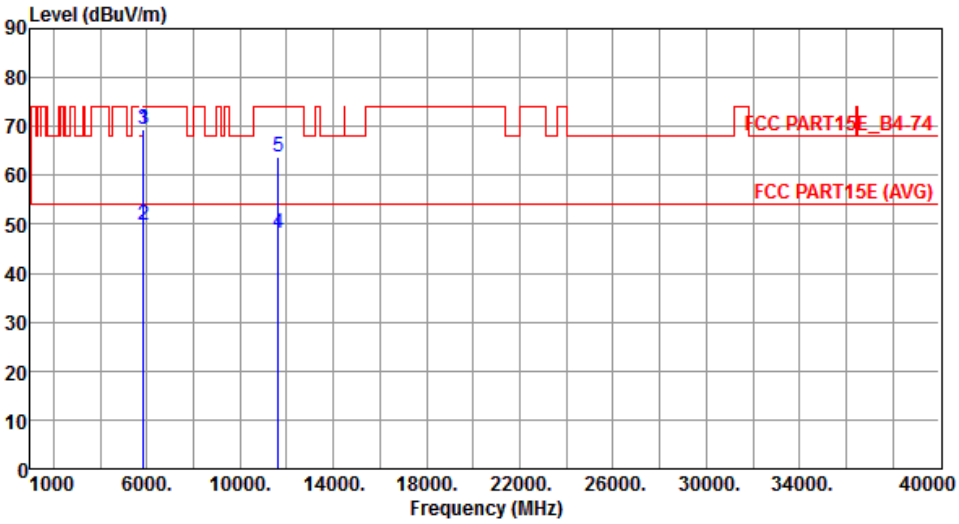
Modulation	VHT20	Test Freq. (MHz)	5785
Polarization	Vertical	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5143.00	46.87	54.00	-7.13	41.52	5.35	Average	295	155
2	5143.00	61.20	74.00	-12.80	55.85	5.35	Peak	295	155
3	5465.00	61.23	68.20	-6.97	55.76	5.47	Peak	291	153
4	5715.00	64.15	68.20	-4.05	58.59	5.56	Peak	291	153
5	5725.00	66.22	78.20	-11.98	60.67	5.55	Peak	291	153
6	11570.00	52.72	54.00	-1.28	35.54	17.18	Average	242	208
7	11570.00	67.41	74.00	-6.59	50.23	17.18	Peak	242	208

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).

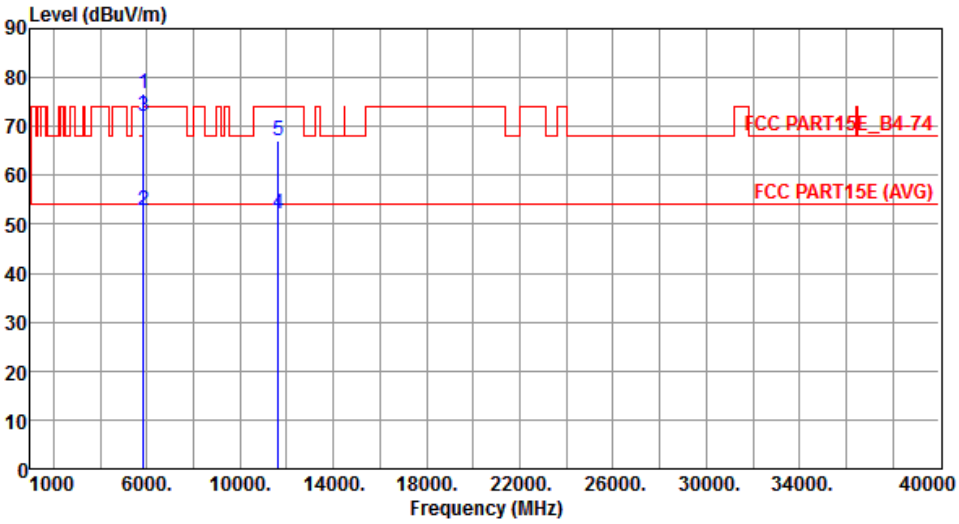
Modulation	VHT20	Test Freq. (MHz)	5825
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5850.00	69.57	78.20	-8.63	63.89	5.68	Peak	263	215
2	5860.00	49.96	54.00	-4.04	44.27	5.69	Average	281	216
3	5860.00	69.25	74.00	-4.75	63.56	5.69	Peak	281	216
4	11650.00	48.30	54.00	-5.70	31.34	16.96	Average	236	255
5	11650.00	63.65	74.00	-10.35	46.69	16.96	Peak	236	255

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

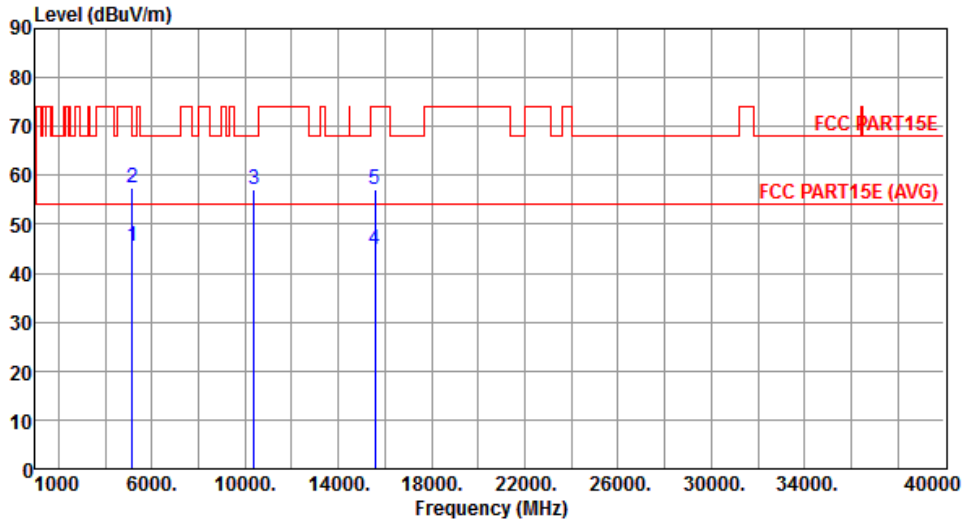


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5850.00	76.79	78.20	-1.41	71.11	5.68	Peak	289	291
2	5860.00	52.95	54.00	-1.05	47.26	5.69	Average	299	356
3	5860.00	72.08	74.00	-1.92	66.39	5.69	Peak	299	356
4	11650.00	52.10	54.00	-1.90	35.14	16.96	Average	264	216
5	11650.00	67.10	74.00	-6.90	50.14	16.96	Peak	264	216

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).

3.5.12 Transmitter Radiated Unwanted Emissions (Above 1GHz) for VHT40

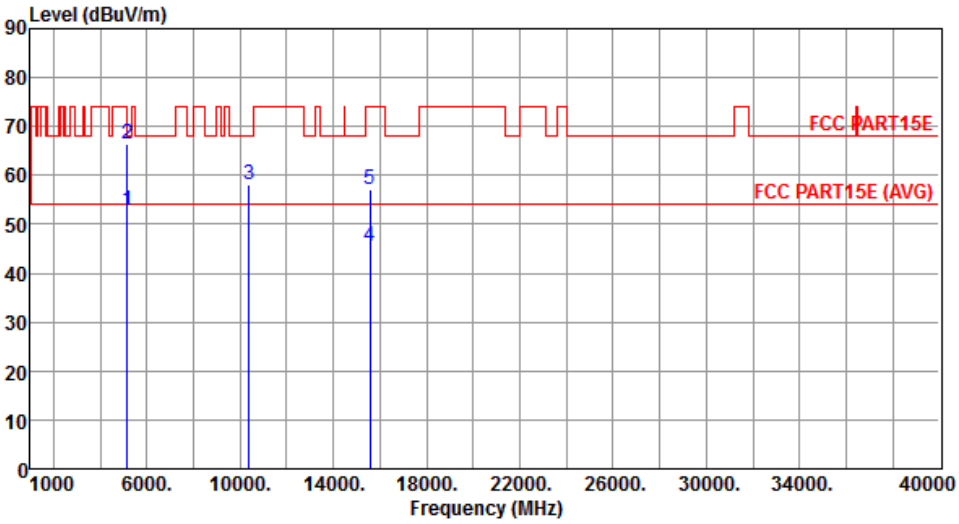
Modulation	VHT40	Test Freq. (MHz)	5190
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	45.33	54.00	-8.67	39.97	5.36	Average	271	214
2	5150.00	57.46	74.00	-16.54	52.10	5.36	Peak	271	214
3	10380.00	57.24	68.20	-10.96	41.33	15.91	Peak	288	346
4	15570.00	44.86	54.00	-9.14	27.81	17.05	Average	311	322
5	15570.00	57.22	74.00	-16.78	40.17	17.05	Peak	311	322

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).

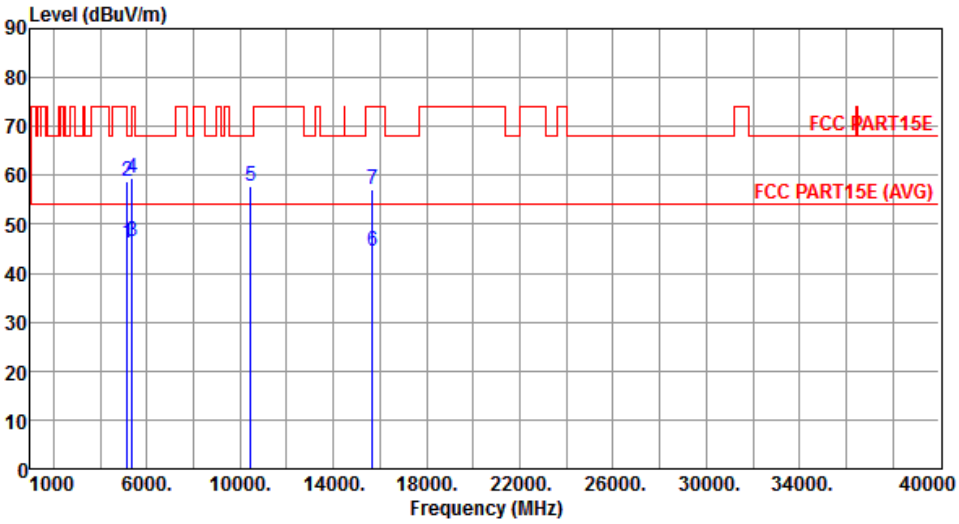
Modulation	VHT40	Test Freq. (MHz)	5190
Polarization	Vertical	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	52.83	54.00	-1.17	47.47	5.36	Average	263	168
2	5150.00	66.50	74.00	-7.50	61.14	5.36	Peak	263	168
3	10380.00	57.96	68.20	-10.24	42.05	15.91	Peak	254	312
4	15570.00	45.43	54.00	-8.57	28.38	17.05	Average	286	178
5	15570.00	57.26	74.00	-16.74	40.21	17.05	Peak	286	178

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).

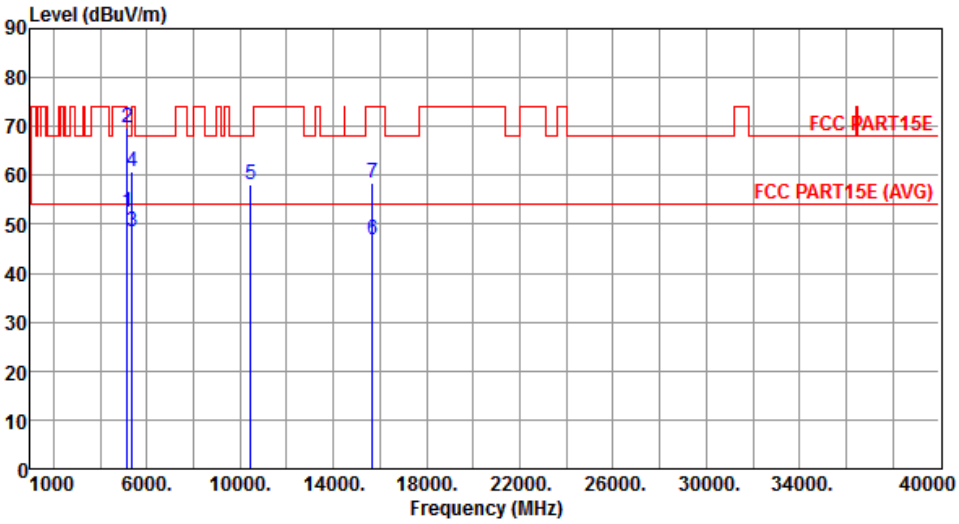
Modulation	VHT40	Test Freq. (MHz)	5230
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	46.22	54.00	-7.78	40.86	5.36	Average	300	232
2	5150.00	58.63	74.00	-15.37	53.27	5.36	Peak	300	232
3	5350.00	46.38	54.00	-7.62	40.93	5.45	Average	300	232
4	5350.00	59.58	74.00	-14.42	54.13	5.45	Peak	300	232
5	10460.00	57.85	68.20	-10.35	41.53	16.32	Peak	280	344
6	15690.00	44.65	54.00	-9.35	28.15	16.50	Average	313	329
7	15690.00	57.13	74.00	-16.87	40.63	16.50	Peak	313	329

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).

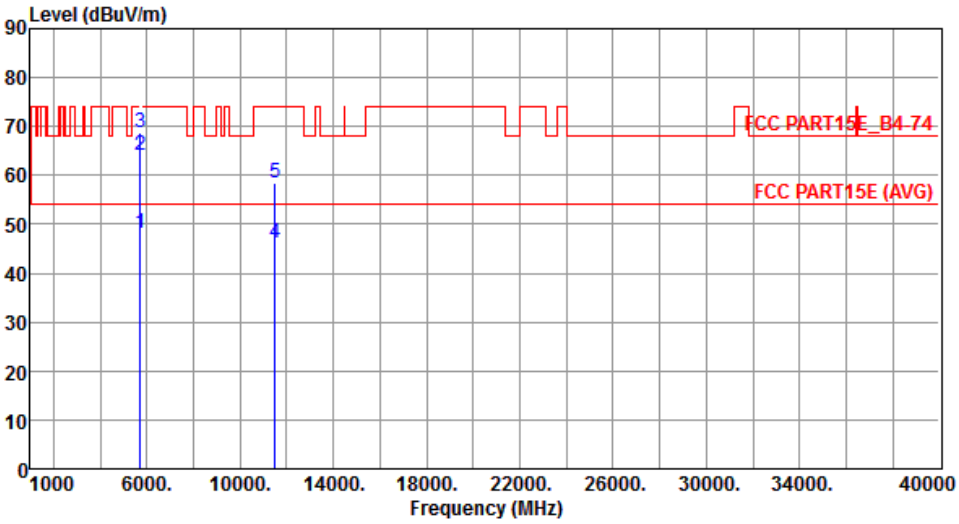
Modulation	VHT40	Test Freq. (MHz)	5230
Polarization	Vertical	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	52.43	54.00	-1.57	47.07	5.36	Average	329	150
2	5150.00	69.73	74.00	-4.27	64.37	5.36	Peak	329	150
3	5350.00	48.56	54.00	-5.44	43.11	5.45	Average	295	171
4	5350.00	60.86	74.00	-13.14	55.41	5.45	Peak	295	171
5	10460.00	58.16	68.20	-10.04	41.84	16.32	Peak	257	318
6	15690.00	46.86	54.00	-7.14	30.36	16.50	Average	290	182
7	15690.00	58.60	74.00	-15.40	42.10	16.50	Peak	290	182

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).

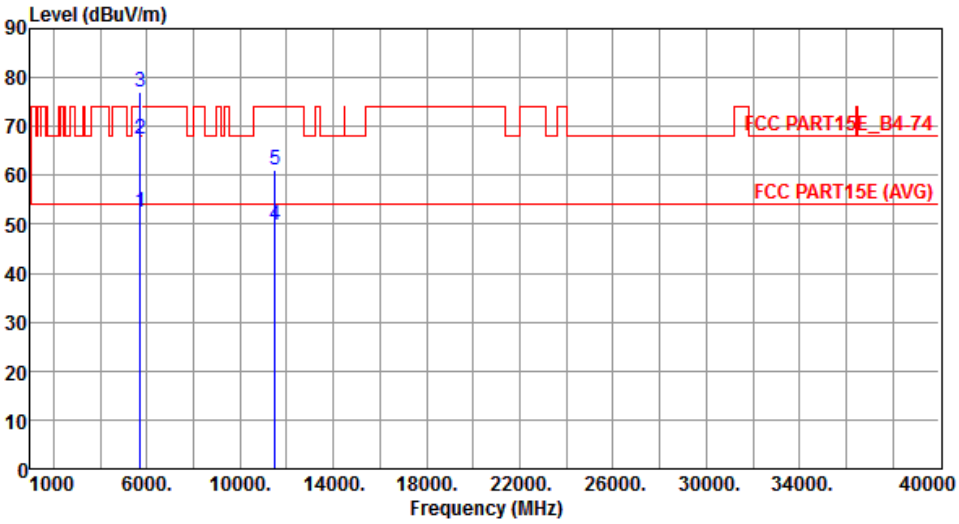
Modulation	VHT40	Test Freq. (MHz)	5755
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	48.23	54.00	-5.77	42.67	5.56	Average	286	211
2	5715.00	63.96	74.00	-10.04	58.40	5.56	Peak	286	211
3	5725.00	68.66	78.20	-9.54	63.11	5.55	Peak	286	211
4	11510.00	46.21	54.00	-7.79	28.86	17.35	Average	384	11
5	11510.00	58.57	74.00	-15.43	41.22	17.35	Peak	384	11

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).

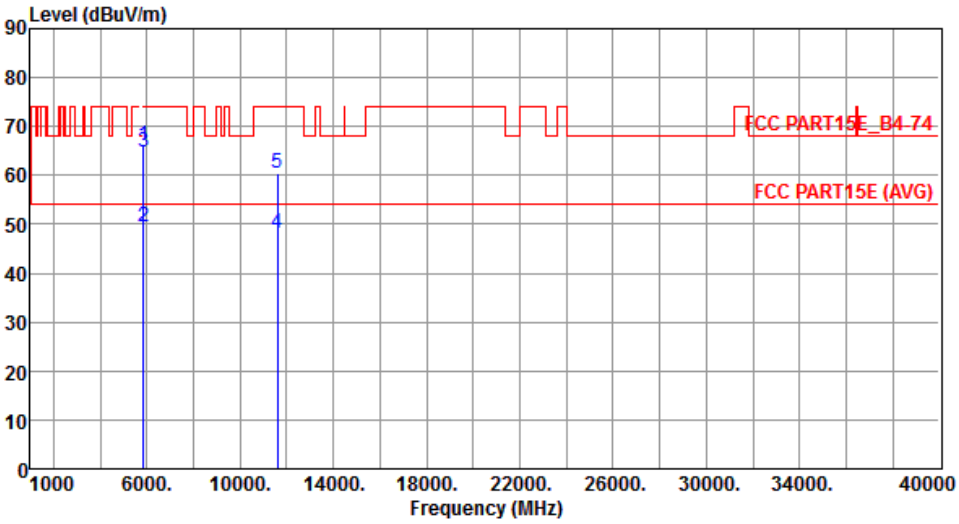
Modulation	VHT40	Test Freq. (MHz)	5755
Polarization	Vertical	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	52.56	54.00	-1.44	47.00	5.56	Average	265	134
2	5715.00	67.49	74.00	-6.51	61.93	5.56	Peak	265	134
3	5725.00	77.12	78.20	-1.08	71.57	5.55	Peak	288	69
4	11510.00	49.73	54.00	-4.27	32.38	17.35	Average	241	208
5	11510.00	61.23	74.00	-12.77	43.88	17.35	Peak	241	208

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).

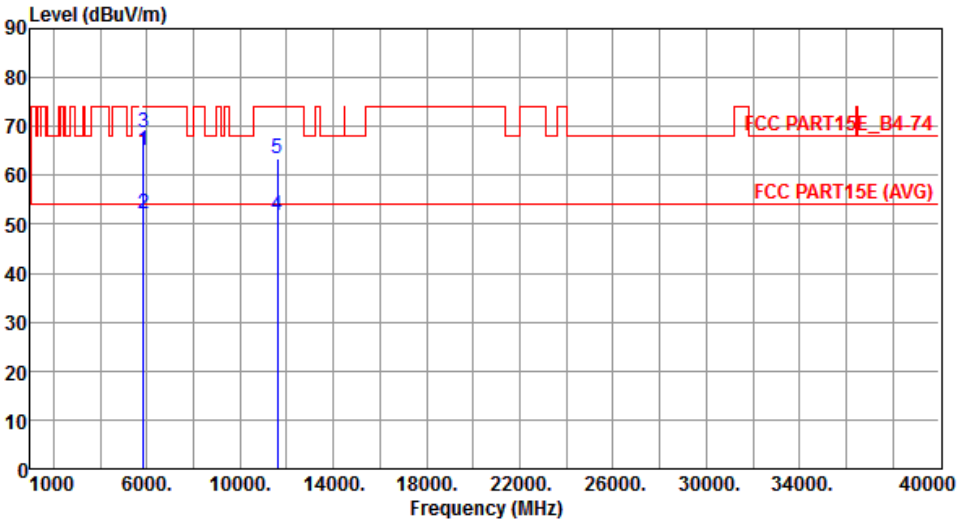
Modulation	VHT40	Test Freq. (MHz)	5795
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5850.00	66.15	78.20	-12.05	60.47	5.68	Peak	277	210
2	5860.00	49.38	54.00	-4.62	43.69	5.69	Average	277	210
3	5860.00	64.62	74.00	-9.38	58.93	5.69	Peak	277	210
4	11590.00	48.00	54.00	-6.00	30.88	17.12	Average	386	16
5	11590.00	60.31	74.00	-13.69	43.19	17.12	Peak	386	16

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	VHT40	Test Freq. (MHz)	5795
Polarization	Vertical	Test Configuration	2

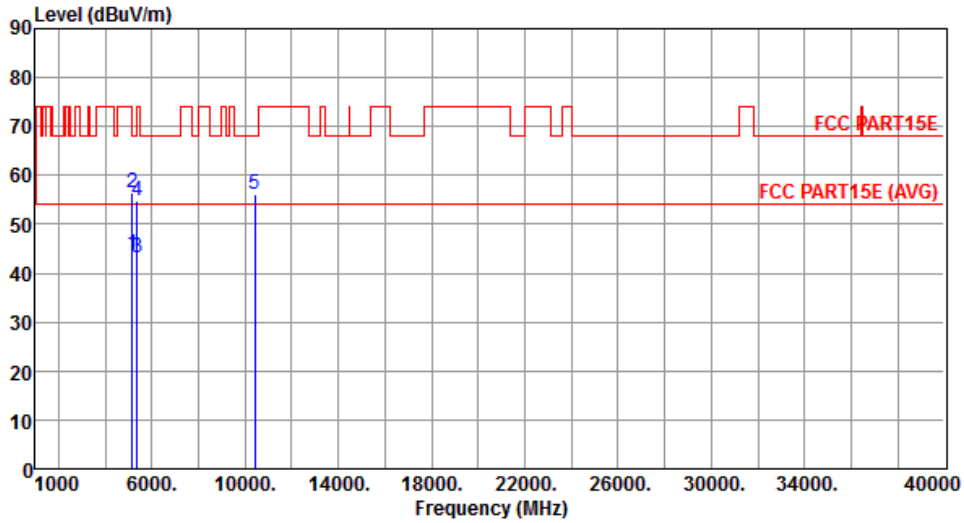


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5850.00	65.02	78.20	-13.18	59.34	5.68	Peak	288	292
2	5860.00	52.23	54.00	-1.77	46.54	5.69	Average	265	137
3	5860.00	68.64	74.00	-5.36	62.95	5.69	Peak	265	137
4	11590.00	51.80	54.00	-2.20	34.68	17.12	Average	243	202
5	11590.00	63.52	74.00	-10.48	46.40	17.12	Peak	243	202

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).

3.5.13 Transmitter Radiated Unwanted Emissions (Above 1GHz) for VHT80

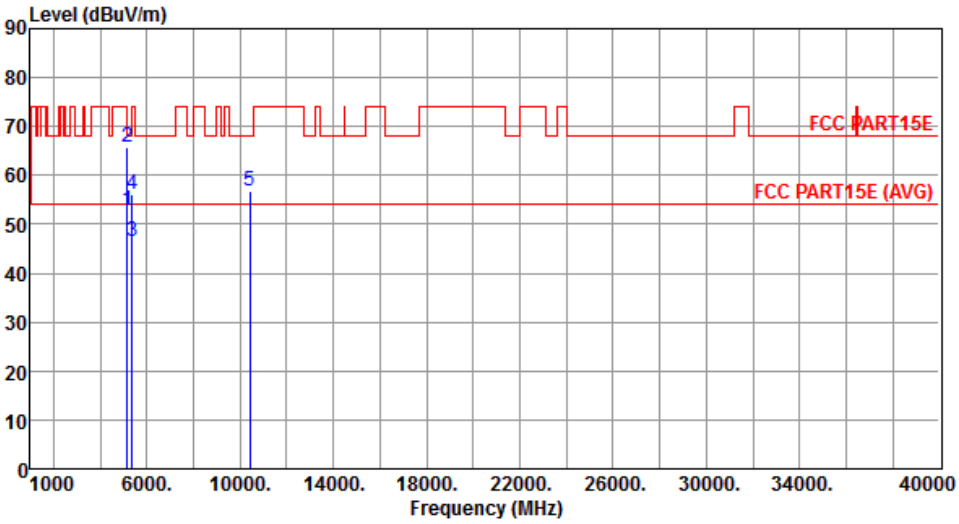
Modulation	VHT80	Test Freq. (MHz)	5210
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	43.91	54.00	-10.09	38.55	5.36	Average	370	336
2	5150.00	56.41	74.00	-17.59	51.05	5.36	Peak	370	336
3	5350.00	43.10	54.00	-10.90	37.65	5.45	Average	316	168
4	5350.00	54.76	74.00	-19.24	49.31	5.45	Peak	316	168
5	10420.00	56.10	68.20	-12.10	39.99	16.11	Peak	100	212

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).

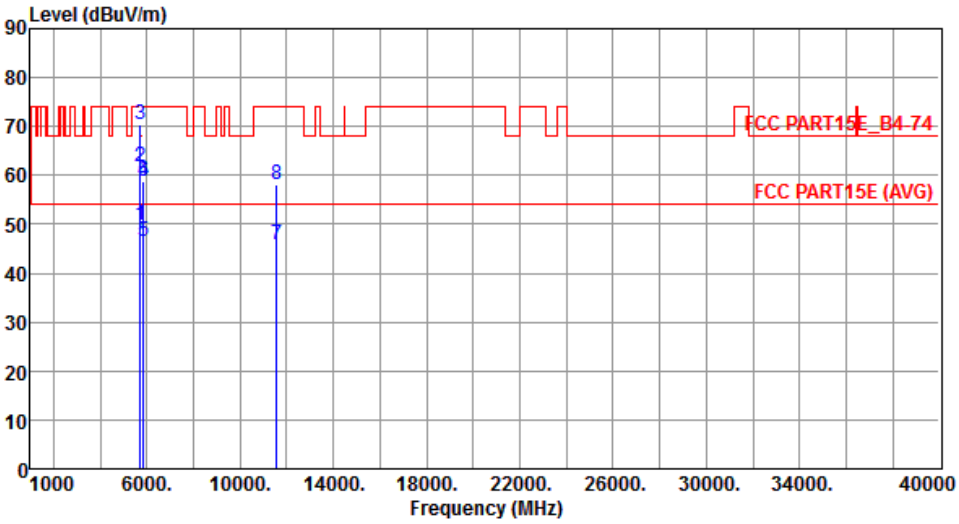
Modulation	VHT80	Test Freq. (MHz)	5210
Polarization	Vertical	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	52.80	54.00	-1.20	47.44	5.36	Average	247	333
2	5150.00	65.89	74.00	-8.11	60.53	5.36	Peak	247	333
3	5350.00	46.40	54.00	-7.60	40.95	5.45	Average	247	333
4	5350.00	56.04	74.00	-17.96	50.59	5.45	Peak	247	333
5	10420.00	56.66	68.20	-11.54	40.55	16.11	Peak	100	152

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).

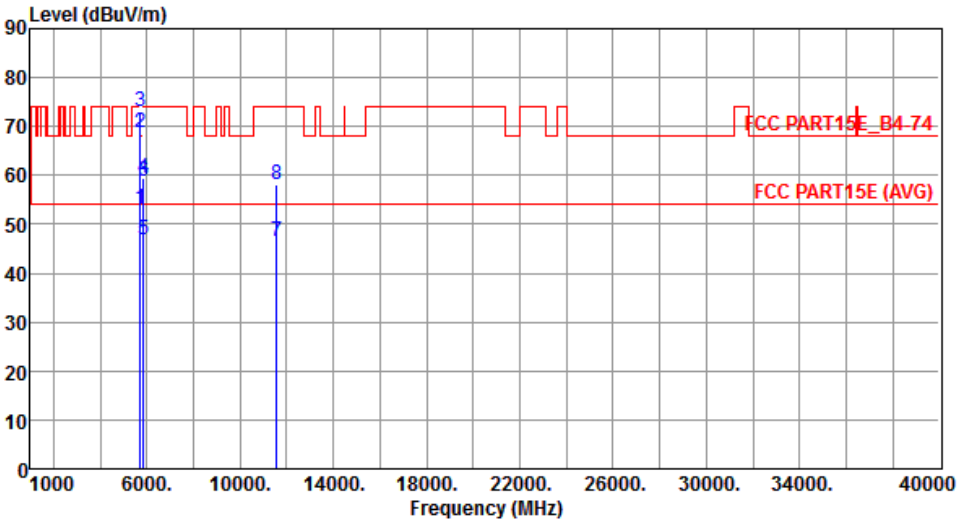
Modulation	VHT80	Test Freq. (MHz)	5775
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	49.92	54.00	-4.08	44.36	5.56	Average	337	91
2	5715.00	61.88	74.00	-12.12	56.32	5.56	Peak	337	91
3	5725.00	70.44	78.20	-7.76	64.89	5.55	Peak	359	61
4	5850.00	58.94	78.20	-19.26	53.26	5.68	Peak	359	61
5	5860.00	46.41	54.00	-7.59	40.72	5.69	Average	359	61
6	5860.00	58.69	74.00	-15.31	53.00	5.69	Peak	359	61
7	11550.00	45.86	54.00	-8.14	28.63	17.23	Average	378	16
8	11550.00	58.24	74.00	-15.76	41.01	17.23	Peak	378	16

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	VHT80	Test Freq. (MHz)	5775
Polarization	Vertical	Test Configuration	2



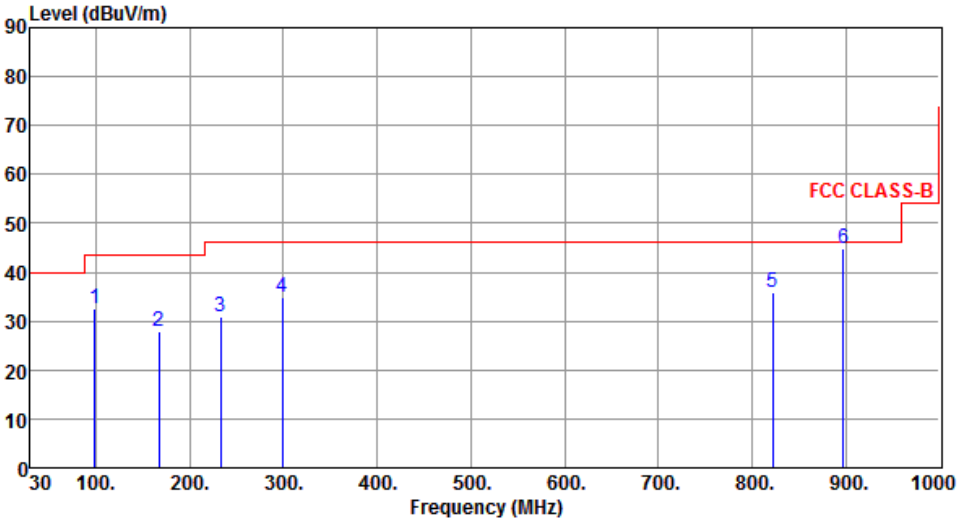
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	52.99	54.00	-1.01	47.43	5.56	Average	278	70
2	5715.00	68.59	74.00	-5.41	63.03	5.56	Peak	278	70
3	5725.00	73.11	78.20	-5.09	67.56	5.55	Peak	302	137
4	5850.00	59.46	78.20	-18.74	53.78	5.68	Peak	302	137
5	5860.00	46.71	54.00	-7.29	41.02	5.69	Average	302	137
6	5860.00	58.82	74.00	-15.18	53.13	5.69	Peak	302	137
7	11550.00	46.48	54.00	-7.52	29.25	17.23	Average	245	213
8	11550.00	58.12	74.00	-15.88	40.89	17.23	Peak	245	213

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).

Test Configuration 3: Panel antenna with 5.5dBi gain

3.5.14 Transmitter Radiated Unwanted Emissions (Below 1GHz)

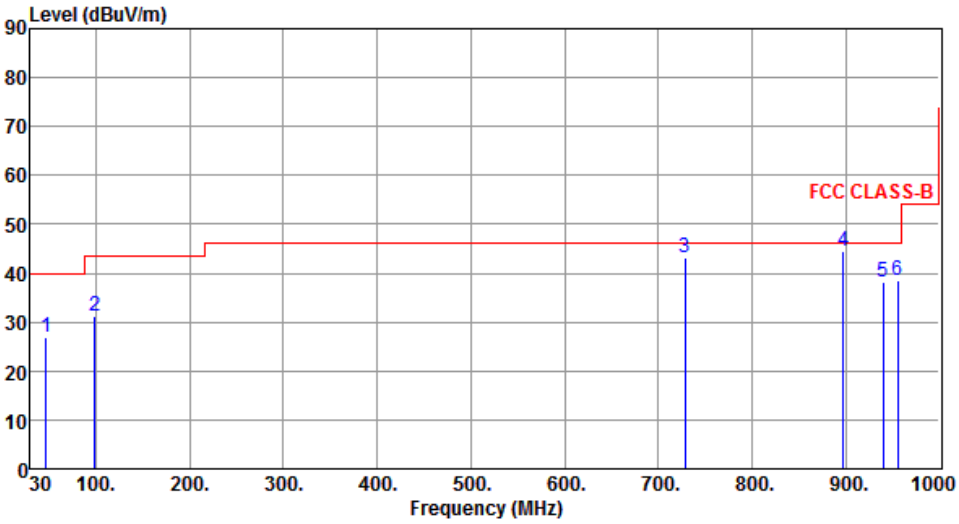
Modulation	VHT20	Test Freq. (MHz)	5240
Polarization	Horizontal	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	98.87	32.69	43.50	-10.81	54.19	-21.50	Peak	---	---
2	166.77	28.04	43.50	-15.46	45.05	-17.01	Peak	---	---
3	232.73	30.83	46.00	-15.17	49.31	-18.48	Peak	---	---
4	298.69	34.91	46.00	-11.09	50.80	-15.89	Peak	---	---
5	822.49	35.88	46.00	-10.12	42.24	-6.36	Peak	---	---
6	897.18	44.82	46.00	-1.18	50.20	-5.38	QP	100	179

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).
Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

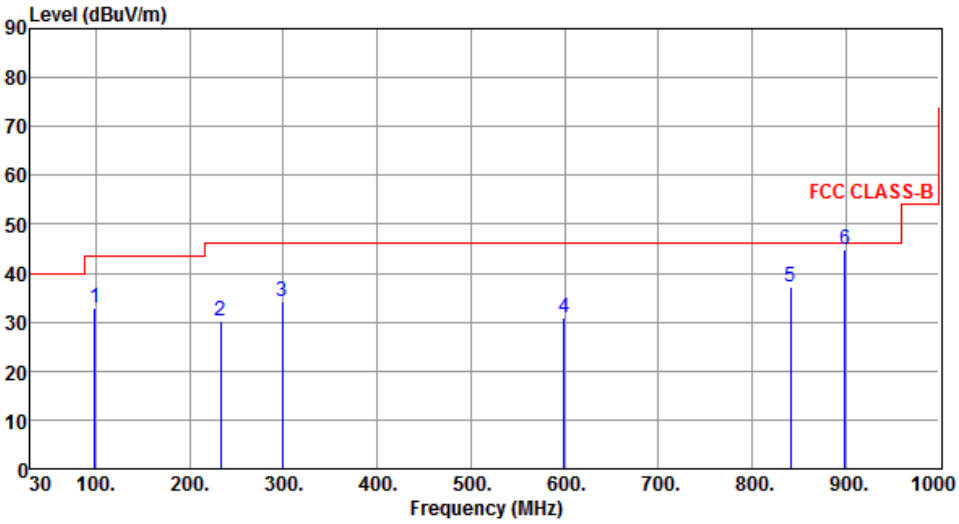
Modulation	VHT20	Test Freq. (MHz)	5240
Polarization	Vertical	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	46.49	26.92	40.00	-13.08	43.20	-16.28	Peak	---	---
2	98.87	31.32	43.50	-12.18	52.82	-21.50	Peak	---	---
3	728.40	43.14	46.00	-2.86	50.69	-7.55	Peak	---	---
4	897.18	44.52	46.00	-1.48	49.90	-5.38	QP	100	115
5	939.86	38.11	46.00	-7.89	42.87	-4.76	Peak	---	---
6	955.38	38.47	46.00	-7.53	43.04	-4.57	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).
Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

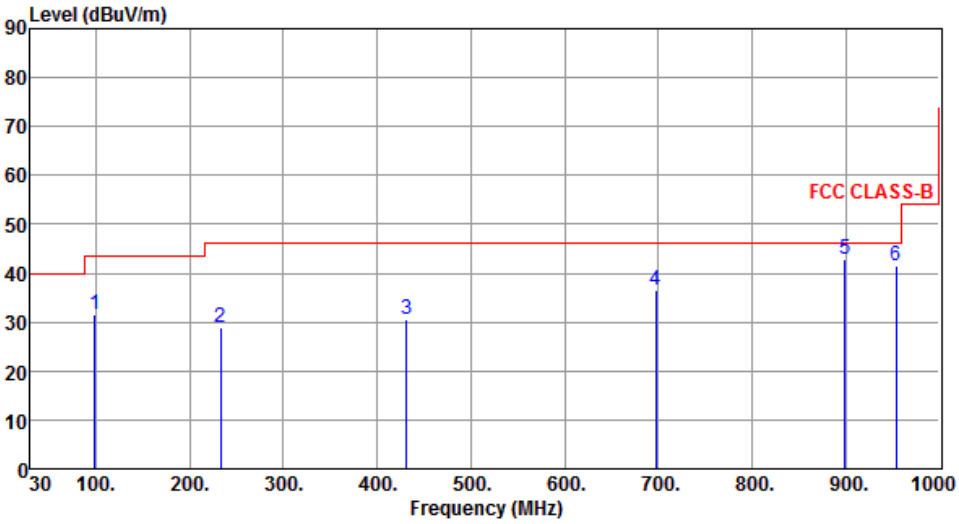
Modulation	11a	Test Freq. (MHz)	5785
Polarization	Horizontal	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	98.87	32.96	43.50	-10.54	54.85	-21.89	Peak	---	---
2	232.73	30.32	46.00	-15.68	48.63	-18.31	Peak	---	---
3	298.69	34.37	46.00	-11.63	50.47	-16.10	Peak	---	---
4	599.39	30.84	46.00	-15.16	40.25	-9.41	Peak	---	---
5	840.92	37.31	46.00	-8.69	43.57	-6.26	Peak	---	---
6	899.12	44.95	46.00	-1.05	50.08	-5.13	QP	100	176

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).
Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

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

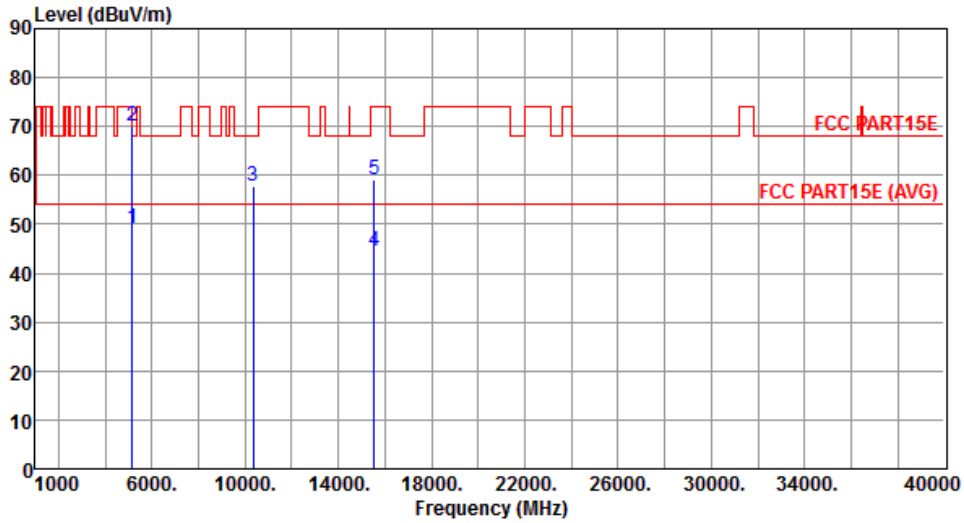


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	98.87	31.59	43.50	-11.91	53.48	-21.89	Peak	---	---
2	232.73	28.80	46.00	-17.20	47.11	-18.31	Peak	---	---
3	431.58	30.48	46.00	-15.52	43.25	-12.77	Peak	---	---
4	697.36	36.59	46.00	-9.41	44.76	-8.17	Peak	---	---
5	899.12	42.99	46.00	-3.01	48.12	-5.13	Peak	---	---
6	953.44	41.67	46.00	-4.33	46.39	-4.72	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).
Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

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

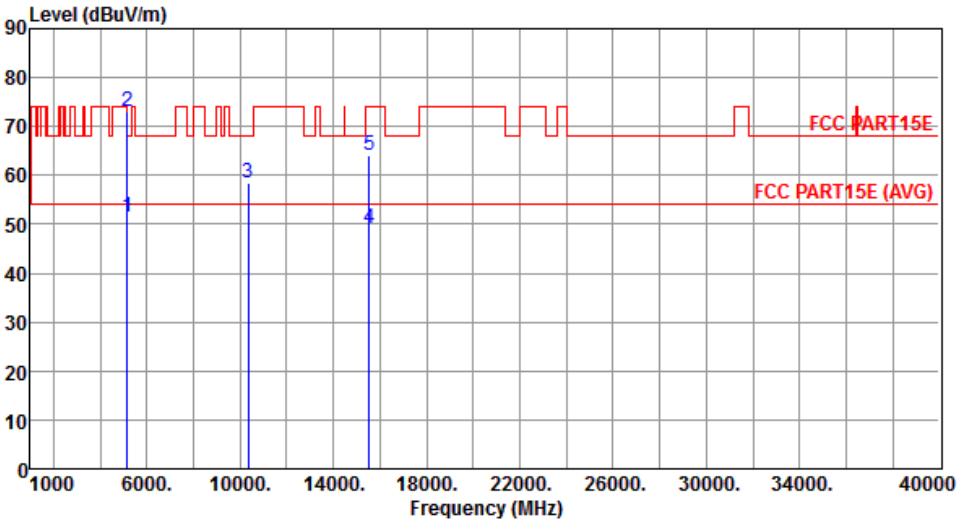
Modulation	11a	Test Freq. (MHz)	5180
Polarization	Horizontal	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	49.05	54.00	-4.95	43.50	5.55	Average	192	9
2	5150.00	69.95	74.00	-4.05	64.40	5.55	Peak	192	9
3	10360.00	57.76	68.20	-10.44	42.34	15.42	Peak	168	274
4	15540.00	44.49	54.00	-9.51	28.72	15.77	Average	346	233
5	15540.00	59.14	74.00	-14.86	43.37	15.77	Peak	346	233

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).

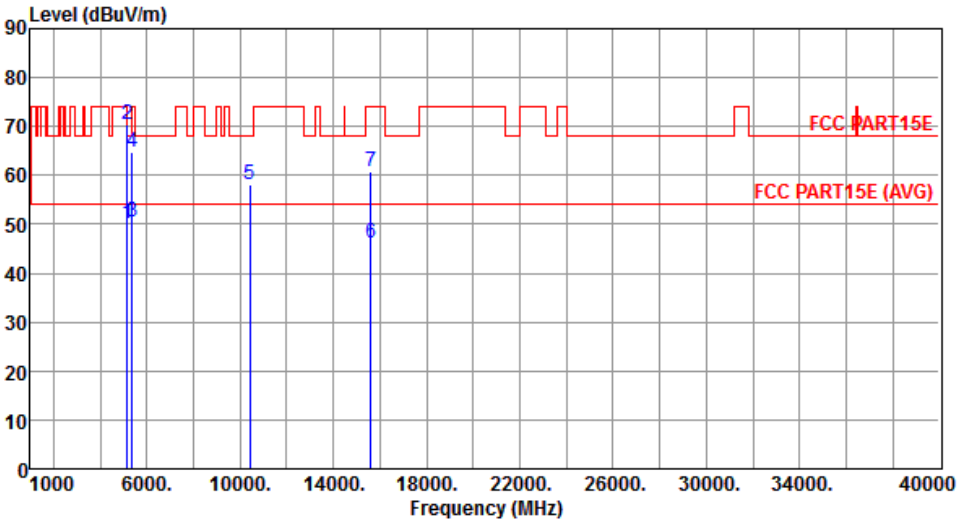
Modulation	11a	Test Freq. (MHz)	5180
Polarization	Vertical	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	51.51	54.00	-2.49	45.96	5.55	Average	289	6
2	5150.00	72.92	74.00	-1.08	67.37	5.55	Peak	289	6
3	10360.00	58.58	68.20	-9.62	43.16	15.42	Peak	293	288
4	15540.00	49.05	54.00	-4.95	33.28	15.77	Average	302	249
5	15540.00	64.01	74.00	-9.99	48.24	15.77	Peak	302	249

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).

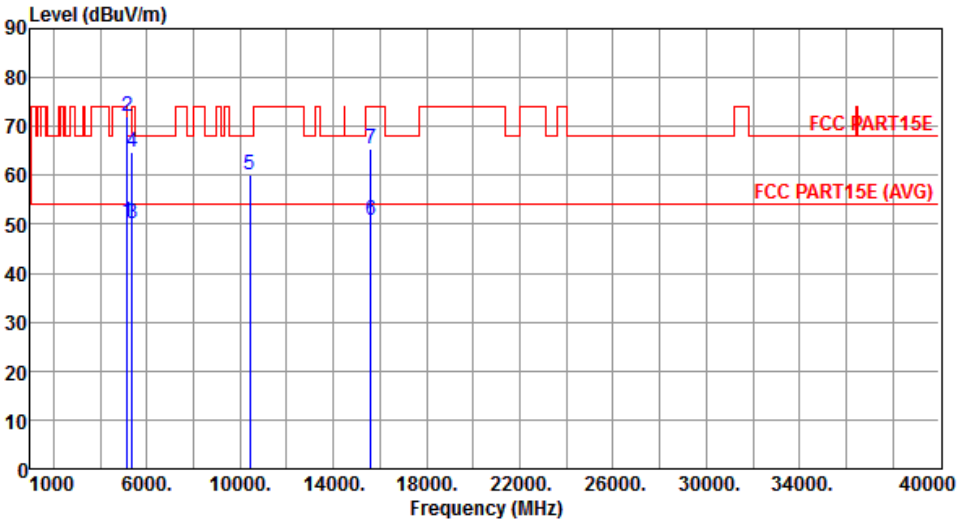
Modulation	11a	Test Freq. (MHz)	5200
Polarization	Horizontal	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	50.31	54.00	-3.69	44.76	5.55	Average	217	3
2	5150.00	70.38	74.00	-3.62	64.83	5.55	Peak	217	3
3	5350.00	50.36	54.00	-3.64	44.69	5.67	Average	217	3
4	5350.00	64.65	74.00	-9.35	58.98	5.67	Peak	217	3
5	10400.00	58.08	68.20	-10.12	42.51	15.57	Peak	163	279
6	15600.00	46.11	54.00	-7.89	30.59	15.52	Average	353	237
7	15600.00	60.87	74.00	-13.13	45.35	15.52	Peak	353	237

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).

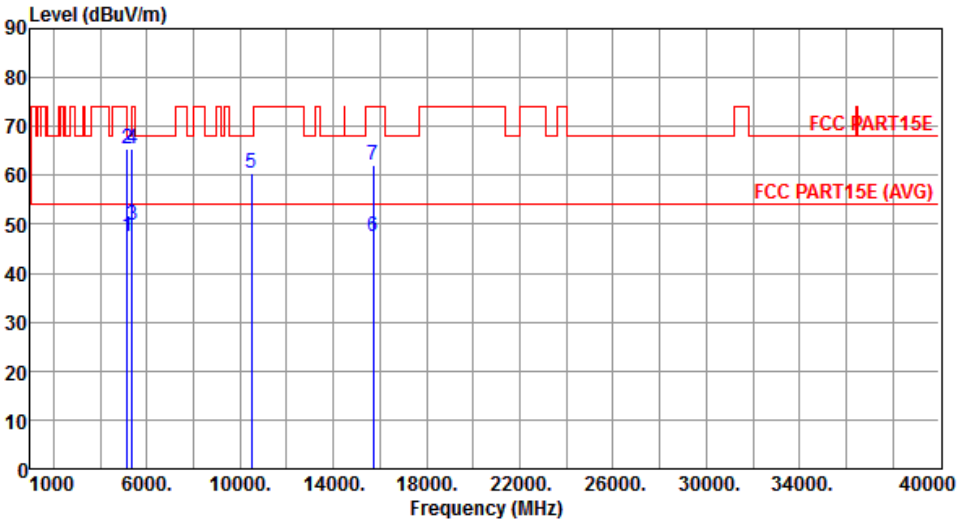
Modulation	11a	Test Freq. (MHz)	5200
Polarization	Vertical	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	50.41	54.00	-3.59	44.86	5.55	Average	216	11
2	5150.00	71.96	74.00	-2.04	66.41	5.55	Peak	216	11
3	5350.00	50.06	54.00	-3.94	44.39	5.67	Average	216	11
4	5350.00	64.90	74.00	-9.10	59.23	5.67	Peak	216	11
5	10400.00	60.19	68.20	-8.01	44.62	15.57	Peak	298	282
6	15600.00	50.91	54.00	-3.09	35.39	15.52	Average	298	242
7	15600.00	65.59	74.00	-8.41	50.07	15.52	Peak	298	242

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).

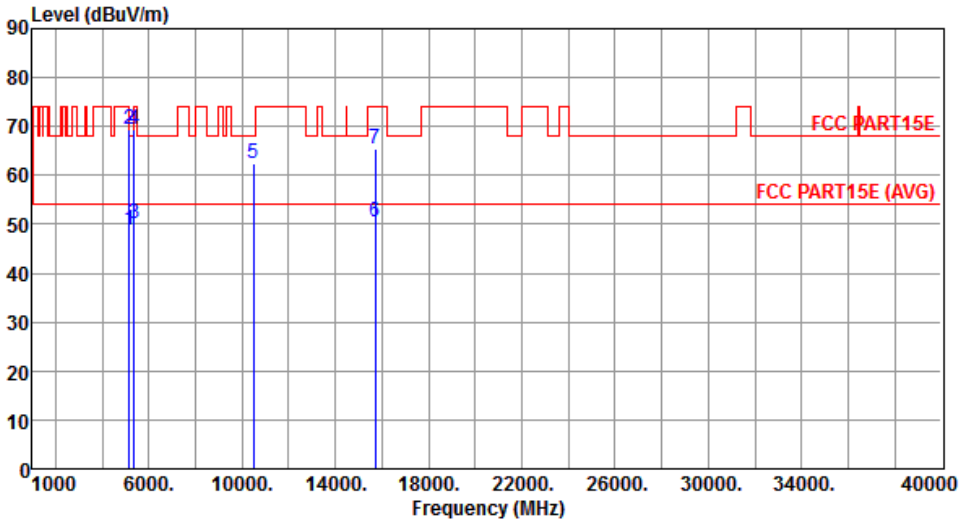
Modulation	11a	Test Freq. (MHz)	5240
Polarization	Horizontal	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	47.57	54.00	-6.43	42.02	5.55	Average	210	11
2	5150.00	65.39	74.00	-8.61	59.84	5.55	Peak	210	11
3	5350.00	49.86	54.00	-4.14	44.19	5.67	Average	210	11
4	5350.00	65.39	74.00	-8.61	59.72	5.67	Peak	210	11
5	10480.00	60.34	68.20	-7.86	44.46	15.88	Peak	168	271
6	15720.00	47.40	54.00	-6.60	32.36	15.04	Average	352	233
7	15720.00	62.02	74.00	-11.98	46.98	15.04	Peak	352	233

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).

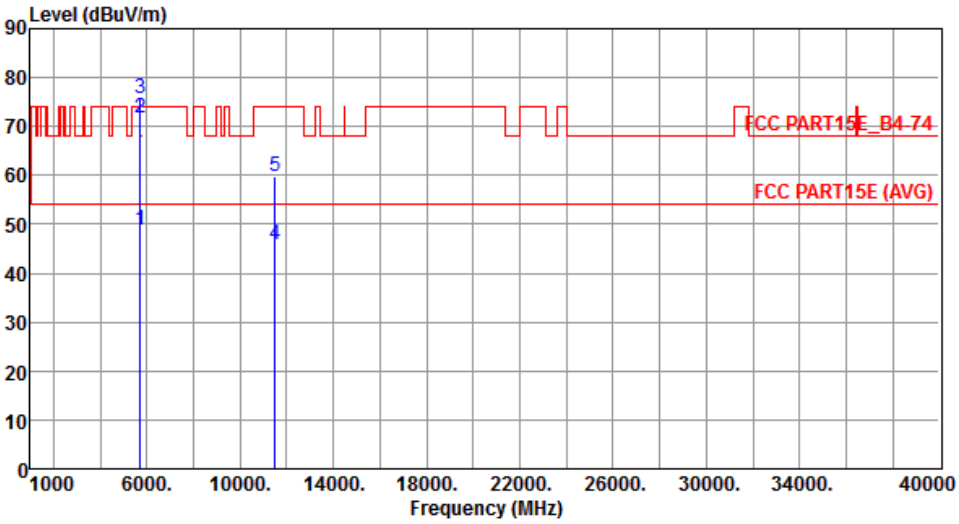
Modulation	11a	Test Freq. (MHz)	5240
Polarization	Vertical	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	48.71	54.00	-5.29	43.16	5.55	Average	213	10
2	5150.00	69.26	74.00	-4.74	63.71	5.55	Peak	213	10
3	5350.00	50.20	54.00	-3.80	44.53	5.67	Average	213	10
4	5350.00	69.46	74.00	-4.54	63.79	5.67	Peak	213	10
5	10480.00	62.43	68.20	-5.77	46.55	15.88	Peak	293	274
6	15720.00	50.62	54.00	-3.38	35.58	15.04	Average	299	242
7	15720.00	65.40	74.00	-8.60	50.36	15.04	Peak	299	242

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).

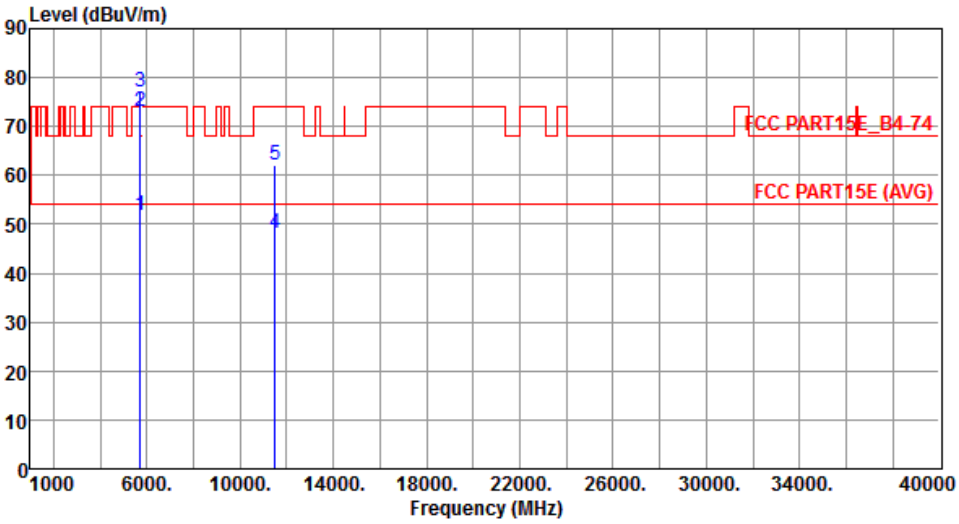
Modulation	11a	Test Freq. (MHz)	5745
Polarization	Horizontal	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	48.67	54.00	-5.33	42.92	5.75	Average	202	6
2	5715.00	71.77	74.00	-2.23	66.02	5.75	Peak	202	6
3	5725.00	75.85	78.20	-2.35	70.12	5.73	Peak	202	6
4	11490.00	45.98	54.00	-8.02	30.06	15.92	Average	223	333
5	11490.00	59.87	74.00	-14.13	43.95	15.92	Peak	223	333

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).

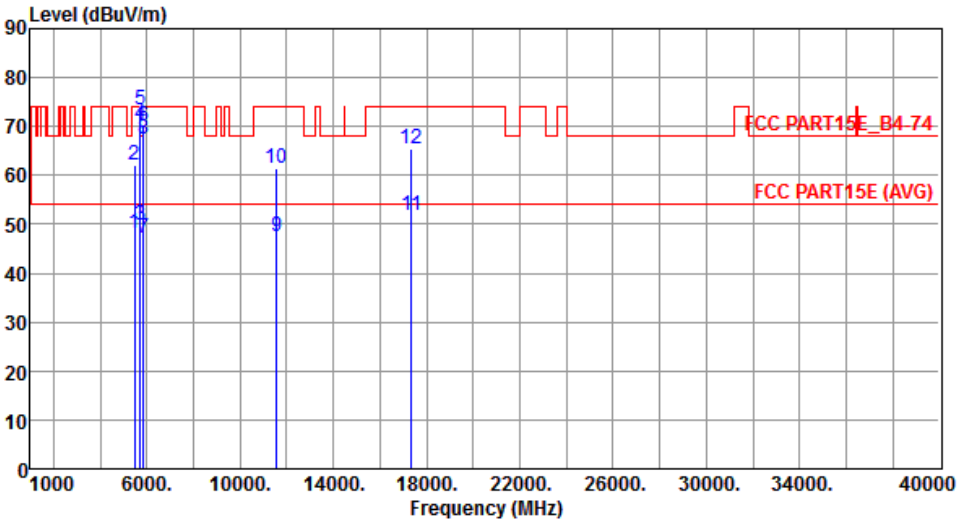
Modulation	11a	Test Freq. (MHz)	5745
Polarization	Vertical	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	51.64	54.00	-2.36	45.89	5.75	Average	206	4
2	5715.00	72.98	74.00	-1.02	67.23	5.75	Peak	206	4
3	5725.00	77.05	78.20	-1.15	71.32	5.73	Peak	206	4
4	11490.00	48.12	54.00	-5.88	32.20	15.92	Average	285	224
5	11490.00	62.02	74.00	-11.98	46.10	15.92	Peak	285	224

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).

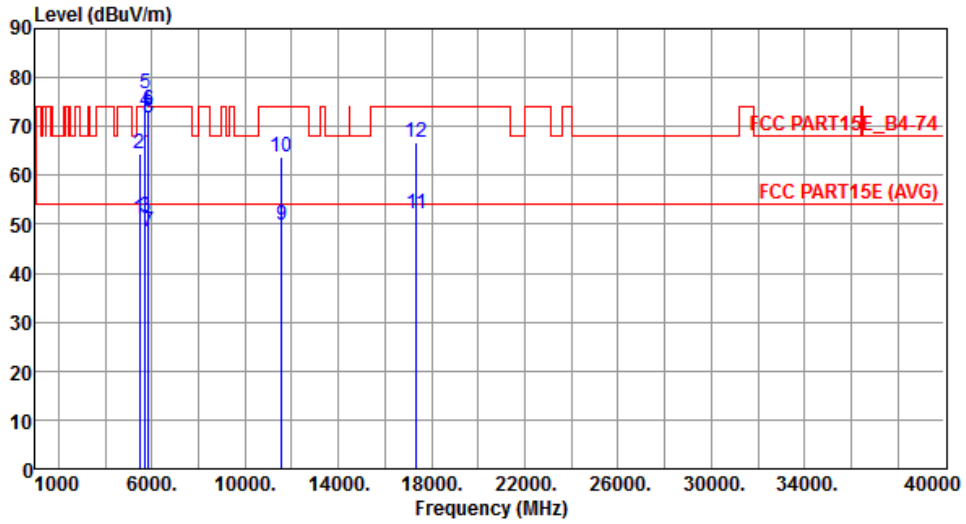
Modulation	11a	Test Freq. (MHz)	5785
Polarization	Horizontal	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5465.00	48.12	54.00	-5.88	42.41	5.71	Average	233	6
2	5465.00	61.97	74.00	-12.03	56.26	5.71	Peak	233	6
3	5715.00	49.72	54.00	-4.28	43.97	5.75	Average	233	6
4	5715.00	70.27	74.00	-3.73	64.52	5.75	Peak	233	6
5	5725.00	73.46	78.20	-4.74	67.73	5.73	Peak	233	6
6	5850.00	70.10	78.20	-8.10	64.27	5.83	Peak	233	6
7	5860.00	47.09	54.00	-6.91	41.25	5.84	Average	233	6
8	5860.00	67.44	74.00	-6.56	61.60	5.84	Peak	233	6
9	11570.00	47.58	54.00	-6.42	31.83	15.75	Average	221	330
10	11570.00	61.52	74.00	-12.48	45.77	15.75	Peak	221	330
11	17355.00	51.65	54.00	-2.35	31.98	19.67	Average	314	217
12	17355.00	65.37	74.00	-8.63	45.70	19.67	Peak	314	217

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).

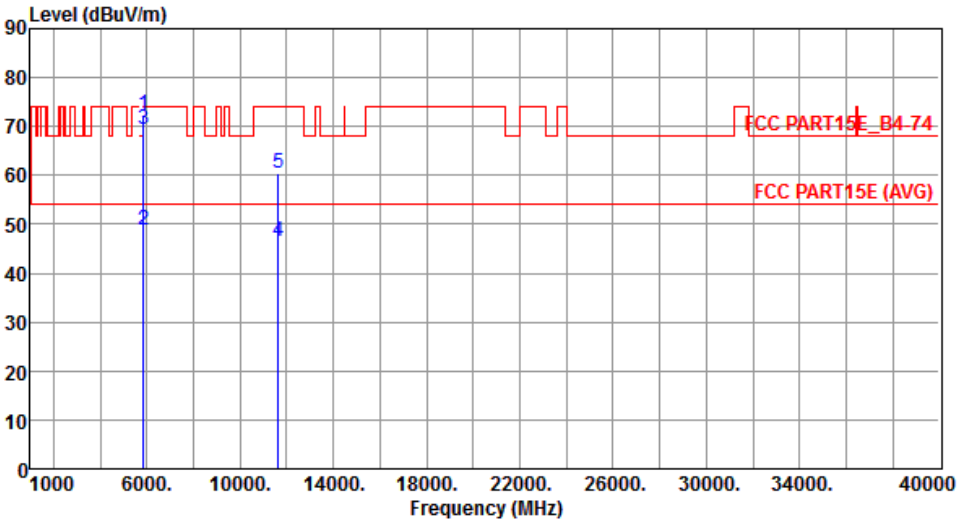
Modulation	11a	Test Freq. (MHz)	5785
Polarization	Vertical	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5465.00	51.12	54.00	-2.88	45.41	5.71	Average	225	9
2	5465.00	64.43	74.00	-9.57	58.72	5.71	Peak	225	9
3	5715.00	51.54	54.00	-2.46	45.79	5.75	Average	225	9
4	5715.00	72.90	74.00	-1.10	67.15	5.75	Peak	225	9
5	5725.00	76.76	78.20	-1.44	71.03	5.73	Peak	225	9
6	5850.00	73.44	78.20	-4.76	67.61	5.83	Peak	225	7
7	5860.00	48.65	54.00	-5.35	42.81	5.84	Average	225	7
8	5860.00	71.77	74.00	-2.23	65.93	5.84	Peak	225	7
9	11570.00	49.95	54.00	-4.05	34.20	15.75	Average	288	228
10	11570.00	63.65	74.00	-10.35	47.90	15.75	Peak	288	228
11	17355.00	52.20	54.00	-1.80	32.53	19.67	Average	313	95
12	17355.00	66.65	74.00	-7.35	46.98	19.67	Peak	313	95

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).

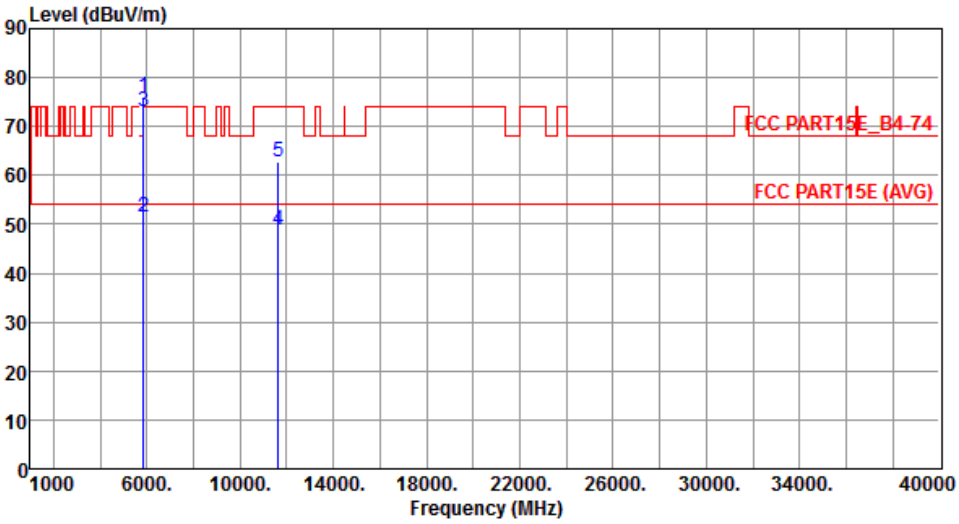
Modulation	11a	Test Freq. (MHz)	5825
Polarization	Horizontal	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5850.00	72.46	78.20	-5.74	66.63	5.83	Peak	227	5
2	5860.00	48.72	54.00	-5.28	42.88	5.84	Average	227	5
3	5860.00	69.41	74.00	-4.59	63.57	5.84	Peak	227	5
4	11650.00	46.56	54.00	-7.44	31.02	15.54	Average	220	327
5	11650.00	60.48	74.00	-13.52	44.94	15.54	Peak	220	327

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

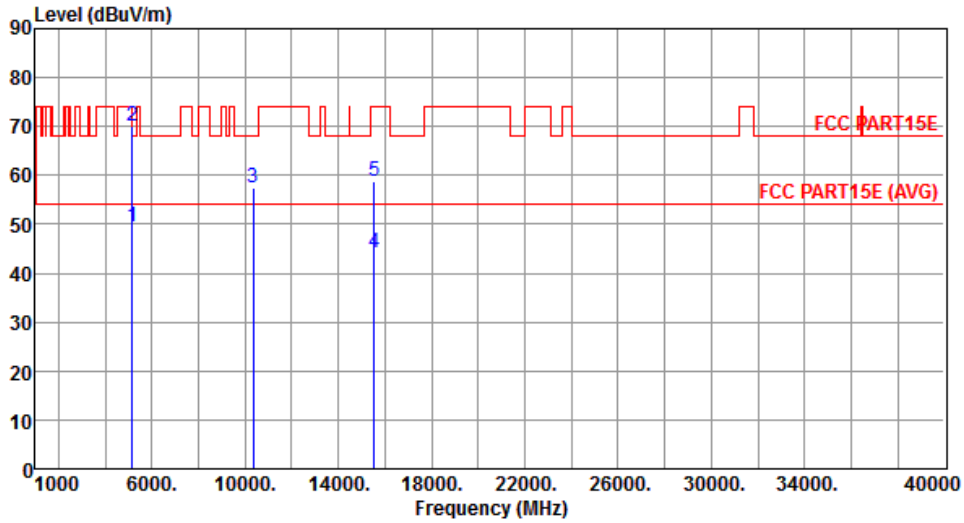


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5850.00	76.17	78.20	-2.03	70.34	5.83	Peak	247	11
2	5860.00	51.56	54.00	-2.44	45.72	5.84	Average	247	11
3	5860.00	72.97	74.00	-1.03	67.13	5.84	Peak	247	11
4	11650.00	48.92	54.00	-5.08	33.38	15.54	Average	274	213
5	11650.00	62.84	74.00	-11.16	47.30	15.54	Peak	274	213

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).

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

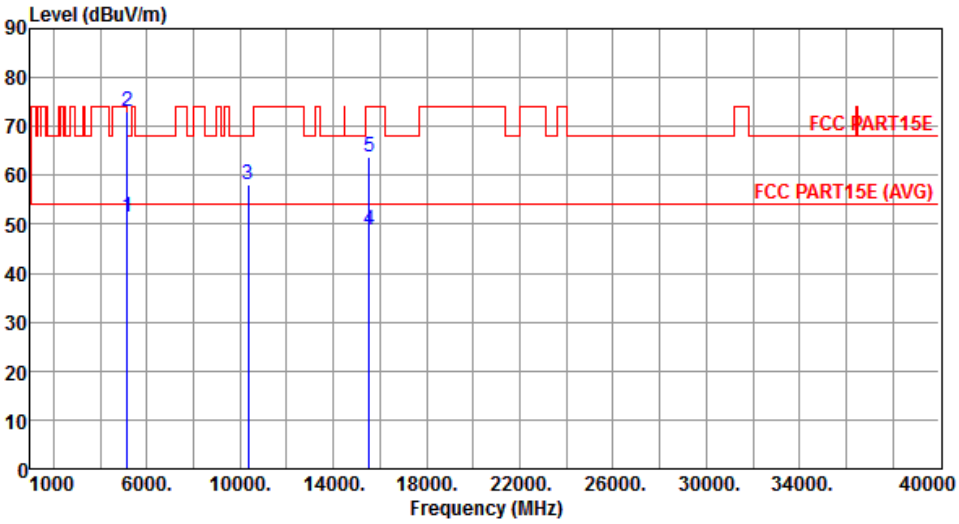
Modulation	VHT20	Test Freq. (MHz)	5180
Polarization	Horizontal	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	49.43	54.00	-4.57	43.88	5.55	Average	198	11
2	5150.00	70.21	74.00	-3.79	64.66	5.55	Peak	198	11
3	10360.00	57.43	68.20	-10.77	42.01	15.42	Peak	163	287
4	15540.00	44.08	54.00	-9.92	28.31	15.77	Average	342	229
5	15540.00	58.74	74.00	-15.26	42.97	15.77	Peak	342	229

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).

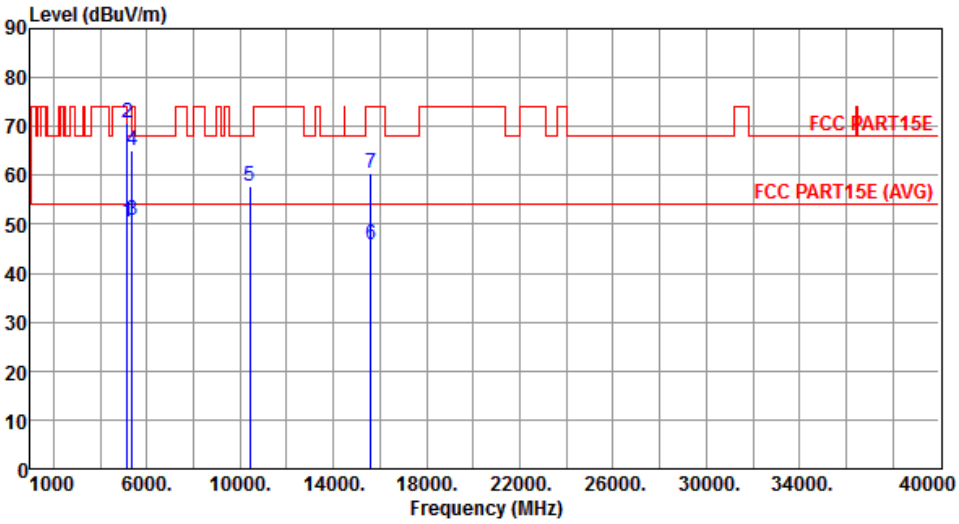
Modulation	VHT20	Test Freq. (MHz)	5180
Polarization	Vertical	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	51.50	54.00	-2.50	45.95	5.55	Average	210	6
2	5150.00	72.93	74.00	-1.07	67.38	5.55	Peak	210	6
3	10360.00	58.09	68.20	-10.11	42.67	15.42	Peak	284	283
4	15540.00	48.73	54.00	-5.27	32.96	15.77	Average	308	242
5	15540.00	63.75	74.00	-10.25	47.98	15.77	Peak	308	242

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).

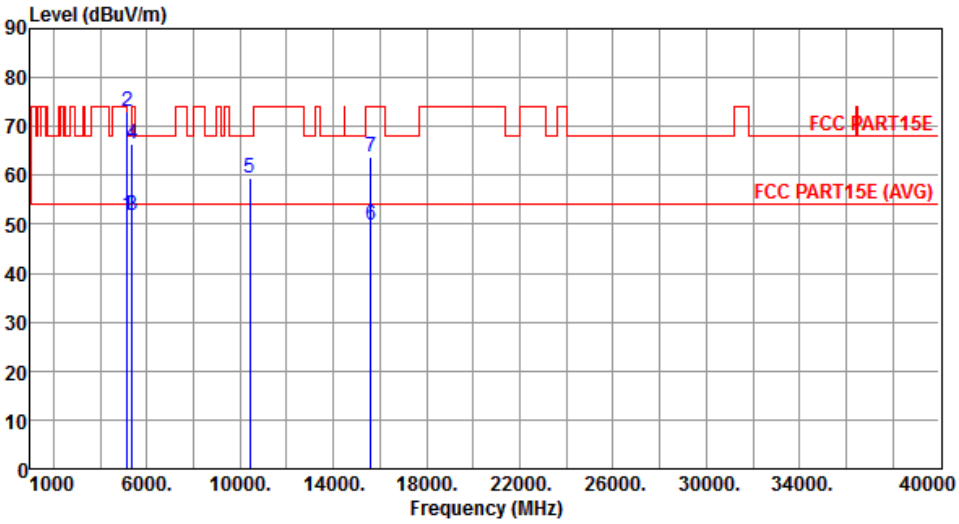
Modulation	VHT20	Test Freq. (MHz)	5200
Polarization	Horizontal	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	50.64	54.00	-3.36	45.09	5.55	Average	211	6
2	5150.00	70.83	74.00	-3.17	65.28	5.55	Peak	211	6
3	5350.00	50.69	54.00	-3.31	45.02	5.67	Average	211	6
4	5350.00	64.98	74.00	-9.02	59.31	5.67	Peak	211	6
5	10400.00	57.76	68.20	-10.44	42.19	15.57	Peak	168	275
6	15600.00	45.82	54.00	-8.18	30.30	15.52	Average	343	233
7	15600.00	60.32	74.00	-13.68	44.80	15.52	Peak	343	233

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).

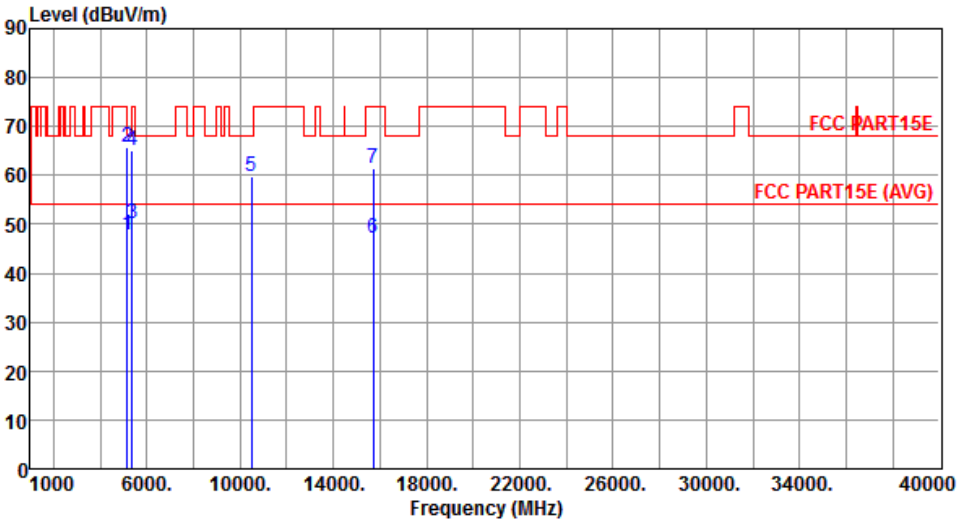
Modulation	VHT20	Test Freq. (MHz)	5200
Polarization	Vertical	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	51.65	54.00	-2.35	46.10	5.55	Average	221	5
2	5150.00	72.98	74.00	-1.02	67.43	5.55	Peak	221	5
3	5350.00	51.66	54.00	-2.34	45.99	5.67	Average	221	5
4	5350.00	66.33	74.00	-7.67	60.66	5.67	Peak	221	5
5	10400.00	59.45	68.20	-8.75	43.88	15.57	Peak	291	273
6	15600.00	49.75	54.00	-4.25	34.23	15.52	Average	302	246
7	15600.00	63.86	74.00	-10.14	48.34	15.52	Peak	302	246

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).

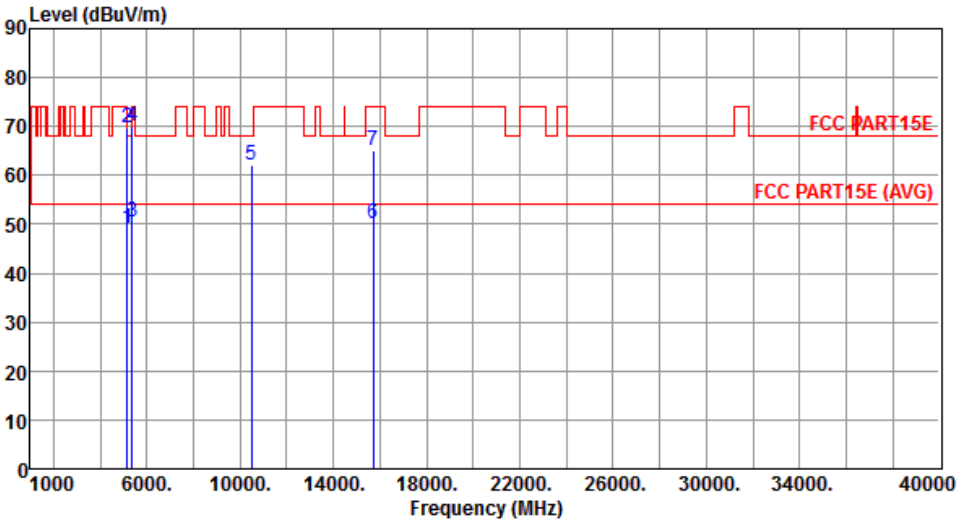
Modulation	VHT20	Test Freq. (MHz)	5240
Polarization	Horizontal	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	47.97	54.00	-6.03	42.42	5.55	Average	218	5
2	5150.00	65.65	74.00	-8.35	60.10	5.55	Peak	218	5
3	5350.00	50.08	54.00	-3.92	44.41	5.67	Average	218	5
4	5350.00	65.00	74.00	-9.00	59.33	5.67	Peak	218	5
5	10480.00	59.93	68.20	-8.27	44.05	15.88	Peak	163	280
6	15720.00	47.11	54.00	-6.89	32.07	15.04	Average	348	222
7	15720.00	61.35	74.00	-12.65	46.31	15.04	Peak	348	222

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).

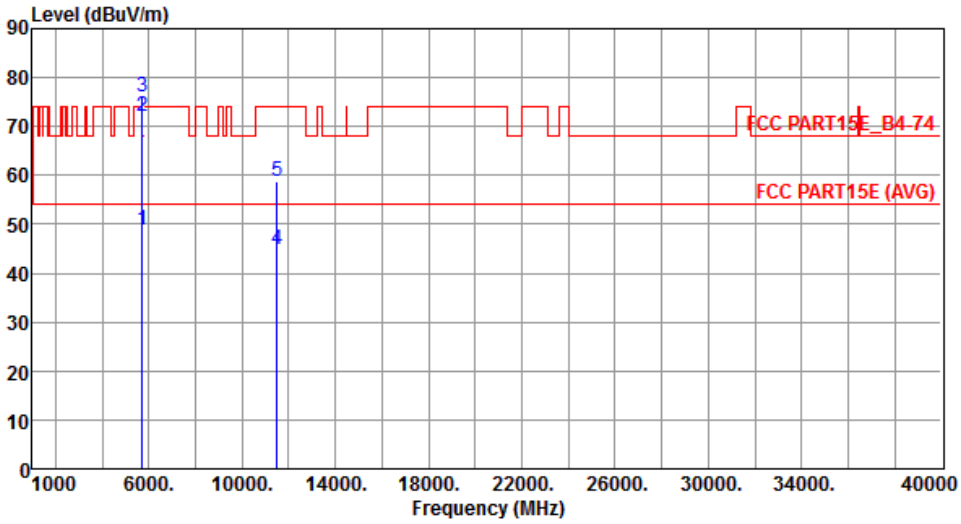
Modulation	VHT20	Test Freq. (MHz)	5240
Polarization	Vertical	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	49.15	54.00	-4.85	43.60	5.55	Average	218	16
2	5150.00	69.63	74.00	-4.37	64.08	5.55	Peak	218	16
3	5350.00	50.58	54.00	-3.42	44.91	5.67	Average	218	16
4	5350.00	69.94	74.00	-4.06	64.27	5.67	Peak	218	16
5	10480.00	62.10	68.20	-6.10	46.22	15.88	Peak	289	271
6	15720.00	50.24	54.00	-3.76	35.20	15.04	Average	291	244
7	15720.00	65.00	74.00	-9.00	49.96	15.04	Peak	291	244

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).

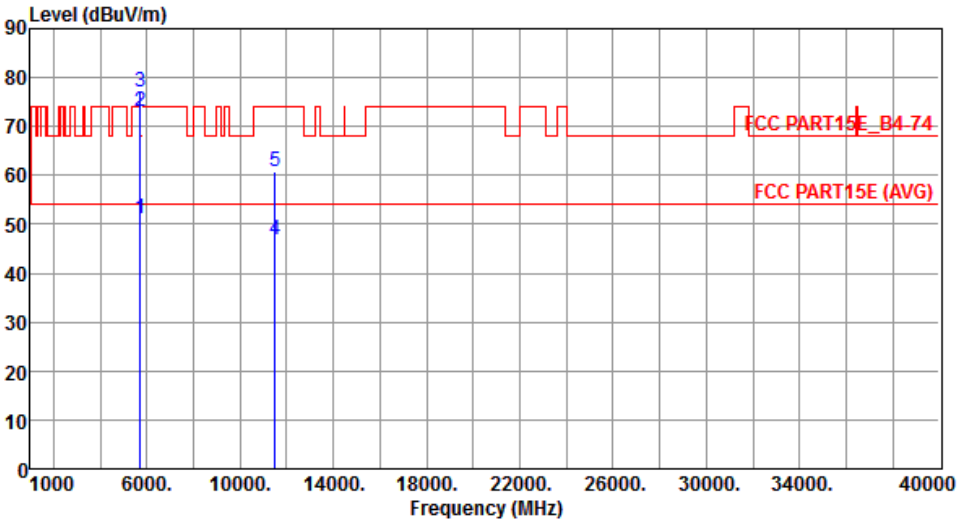
Modulation	VHT20	Test Freq. (MHz)	5745
Polarization	Horizontal	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	48.98	54.00	-5.02	43.23	5.75	Average	208	11
2	5715.00	72.08	74.00	-1.92	66.33	5.75	Peak	208	11
3	5725.00	76.11	78.20	-2.09	70.38	5.73	Peak	208	11
4	11490.00	44.78	54.00	-9.22	28.86	15.92	Average	229	331
5	11490.00	58.64	74.00	-15.36	42.72	15.92	Peak	229	331

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).

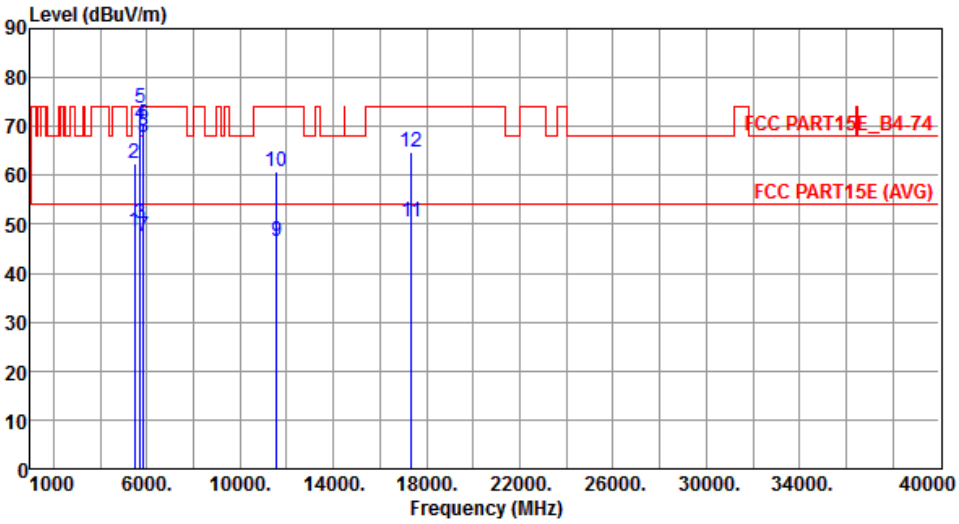
Modulation	VHT20	Test Freq. (MHz)	5745
Polarization	Vertical	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	51.15	54.00	-2.85	45.40	5.75	Average	229	2
2	5715.00	72.91	74.00	-1.09	67.16	5.75	Peak	229	2
3	5725.00	77.19	78.20	-1.01	71.46	5.73	Peak	260	7
4	11490.00	46.89	54.00	-7.11	30.97	15.92	Average	284	226
5	11490.00	60.91	74.00	-13.09	44.99	15.92	Peak	284	226

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).

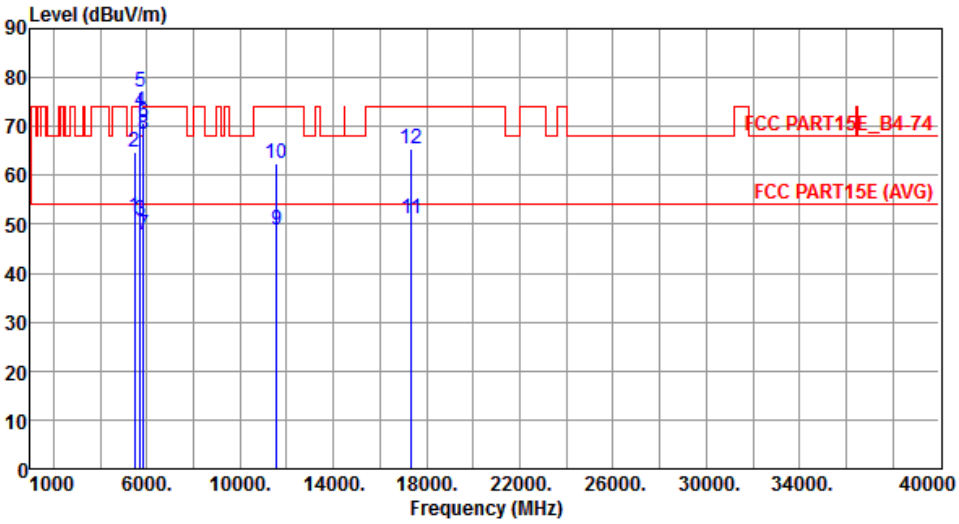
Modulation	VHT20	Test Freq. (MHz)	5785
Polarization	Horizontal	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5465.00	48.41	54.00	-5.59	42.70	5.71	Average	238	11
2	5465.00	62.30	74.00	-11.70	56.59	5.71	Peak	238	11
3	5715.00	50.12	54.00	-3.88	44.37	5.75	Average	238	11
4	5715.00	70.56	74.00	-3.44	64.81	5.75	Peak	238	11
5	5725.00	73.86	78.20	-4.34	68.13	5.73	Peak	238	11
6	5850.00	70.56	78.20	-7.64	64.73	5.83	Peak	238	11
7	5860.00	47.52	54.00	-6.48	41.68	5.84	Average	238	11
8	5860.00	67.90	74.00	-6.10	62.06	5.84	Peak	238	11
9	11570.00	46.52	54.00	-7.48	30.77	15.75	Average	224	333
10	11570.00	60.69	74.00	-13.31	44.94	15.75	Peak	224	333
11	17355.00	50.34	54.00	-3.66	30.67	19.67	Average	318	219
12	17355.00	64.62	74.00	-9.38	44.95	19.67	Peak	318	219

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).

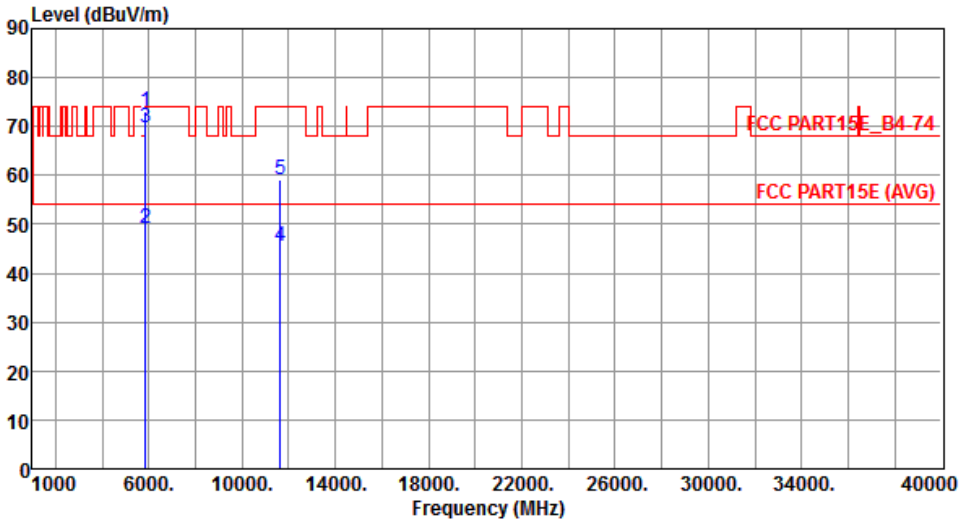
Modulation	VHT20	Test Freq. (MHz)	5785
Polarization	Vertical	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5465.00	51.56	54.00	-2.44	45.85	5.71	Average	269	3
2	5465.00	64.82	74.00	-9.18	59.11	5.71	Peak	269	3
3	5715.00	50.94	54.00	-3.06	45.19	5.75	Average	269	3
4	5715.00	72.97	74.00	-1.03	67.22	5.75	Peak	269	3
5	5725.00	76.94	78.20	-1.26	71.21	5.73	Peak	269	3
6	5850.00	70.68	78.20	-7.52	64.85	5.83	Peak	269	3
7	5860.00	47.88	54.00	-6.12	42.04	5.84	Average	269	3
8	5860.00	68.57	74.00	-5.43	62.73	5.84	Peak	269	3
9	11570.00	48.75	54.00	-5.25	33.00	15.75	Average	283	223
10	11570.00	62.43	74.00	-11.57	46.68	15.75	Peak	283	223
11	17355.00	50.98	54.00	-3.02	31.31	19.67	Average	315	89
12	17355.00	65.34	74.00	-8.66	45.67	19.67	Peak	315	89

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).

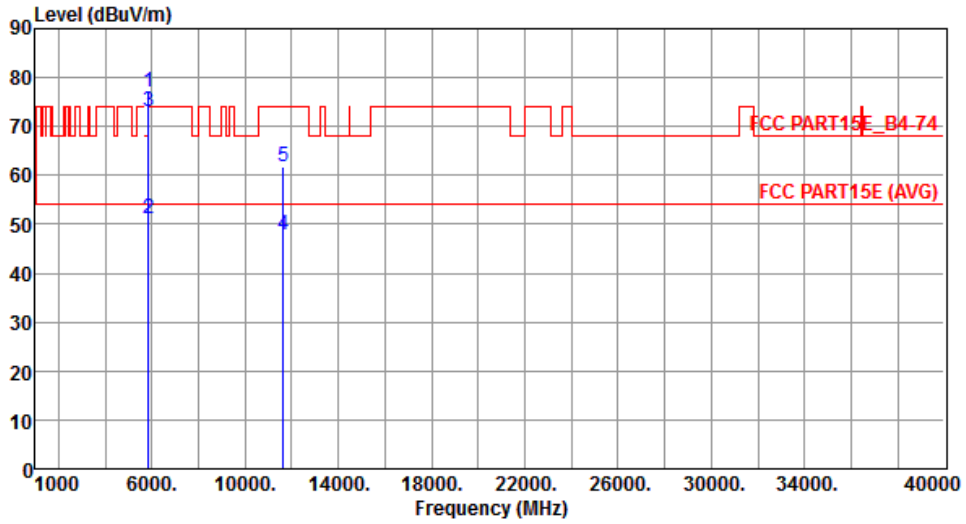
Modulation	VHT20	Test Freq. (MHz)	5825
Polarization	Horizontal	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5850.00	72.90	78.20	-5.30	67.07	5.83	Peak	224	11
2	5860.00	49.14	54.00	-4.86	43.30	5.84	Average	224	11
3	5860.00	69.89	74.00	-4.11	64.05	5.84	Peak	244	11
4	11650.00	45.63	54.00	-8.37	30.09	15.54	Average	228	324
5	11650.00	59.25	74.00	-14.75	43.71	15.54	Peak	228	324

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

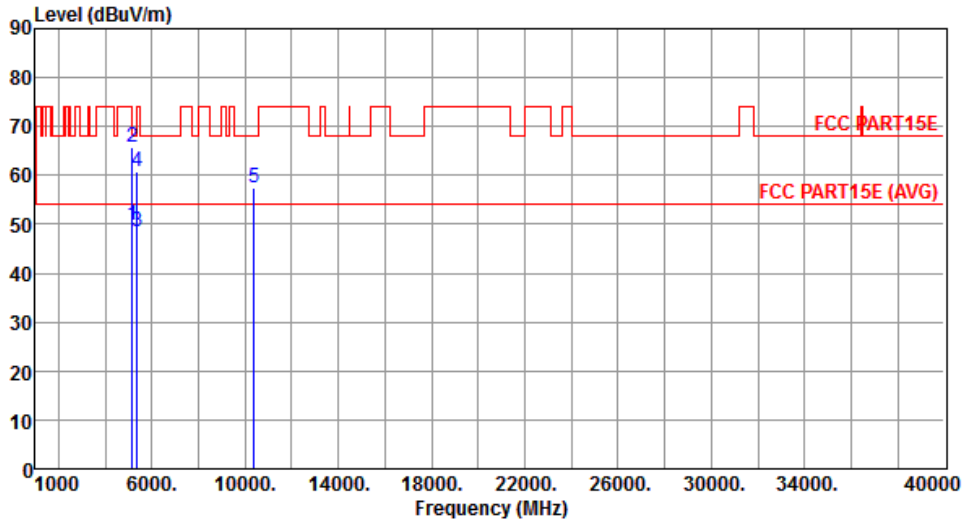


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5850.00	77.04	78.20	-1.16	71.21	5.83	Peak	158	9
2	5860.00	51.03	54.00	-2.97	45.19	5.84	Average	201	6
3	5860.00	72.93	74.00	-1.07	67.09	5.84	Peak	201	6
4	11650.00	47.78	54.00	-6.22	32.24	15.54	Average	277	218
5	11650.00	61.86	74.00	-12.14	46.32	15.54	Peak	277	218

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).

3.5.17 Transmitter Radiated Unwanted Emissions (Above 1GHz) for VHT40

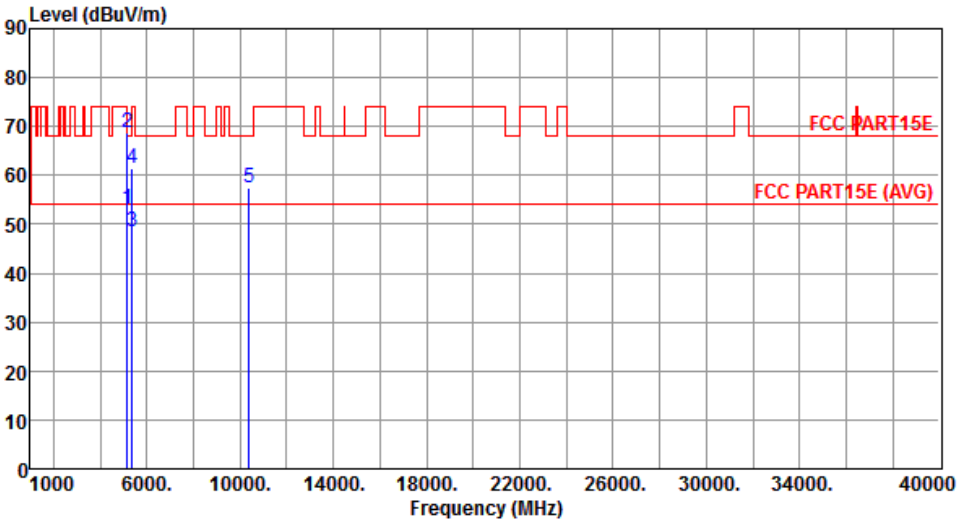
Modulation	VHT40	Test Freq. (MHz)	5190
Polarization	Horizontal	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	49.65	54.00	-4.35	44.10	5.55	Average	171	0
2	5150.00	65.79	74.00	-8.21	60.24	5.55	Peak	171	0
3	5350.00	48.39	54.00	-5.61	42.72	5.67	Average	171	0
4	5350.00	60.71	74.00	-13.29	55.04	5.67	Peak	171	0
5	10380.00	57.51	68.20	-10.69	42.01	15.50	Peak	328	269

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).

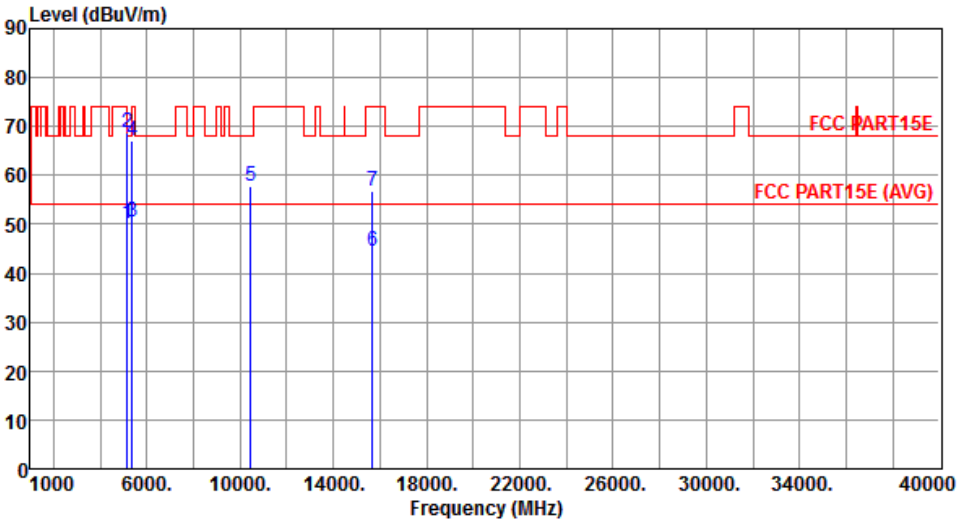
Modulation	VHT40	Test Freq. (MHz)	5190
Polarization	Vertical	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	52.98	54.00	-1.02	47.43	5.55	Average	171	6
2	5150.00	68.80	74.00	-5.20	63.25	5.55	Peak	171	6
3	5350.00	48.64	54.00	-5.36	42.97	5.67	Average	171	6
4	5350.00	61.58	74.00	-12.42	55.91	5.67	Peak	171	6
5	10380.00	57.43	68.20	-10.77	41.93	15.50	Peak	321	3

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).

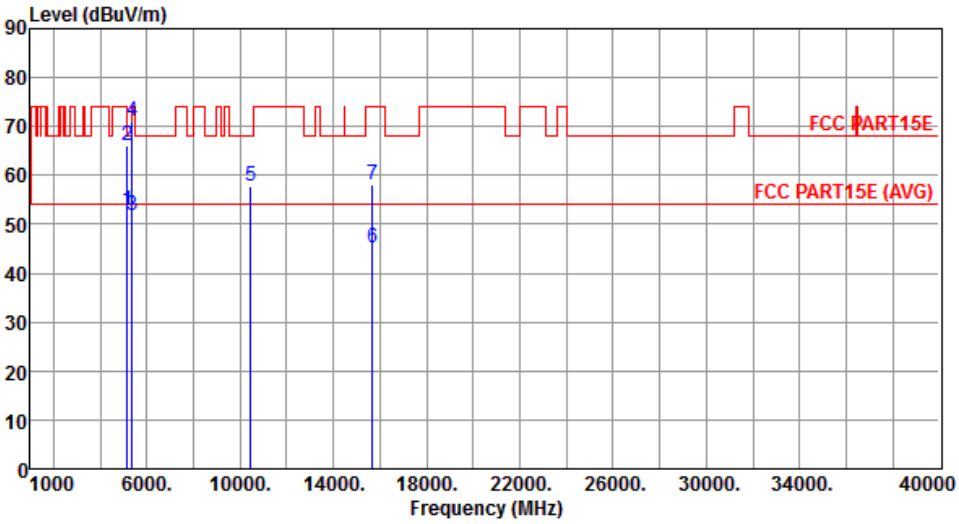
Modulation	VHT40	Test Freq. (MHz)	5230
Polarization	Horizontal	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	50.25	54.00	-3.75	44.70	5.55	Average	171	5
2	5150.00	68.76	74.00	-5.24	63.21	5.55	Peak	171	5
3	5350.00	50.58	54.00	-3.42	44.91	5.67	Average	171	5
4	5350.00	67.20	74.00	-6.80	61.53	5.67	Peak	171	5
5	10460.00	57.71	68.20	-10.49	41.91	15.80	Peak	321	261
6	15690.00	44.53	54.00	-9.47	29.37	15.16	Average	348	52
7	15690.00	56.92	74.00	-17.08	41.76	15.16	Peak	348	52

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).

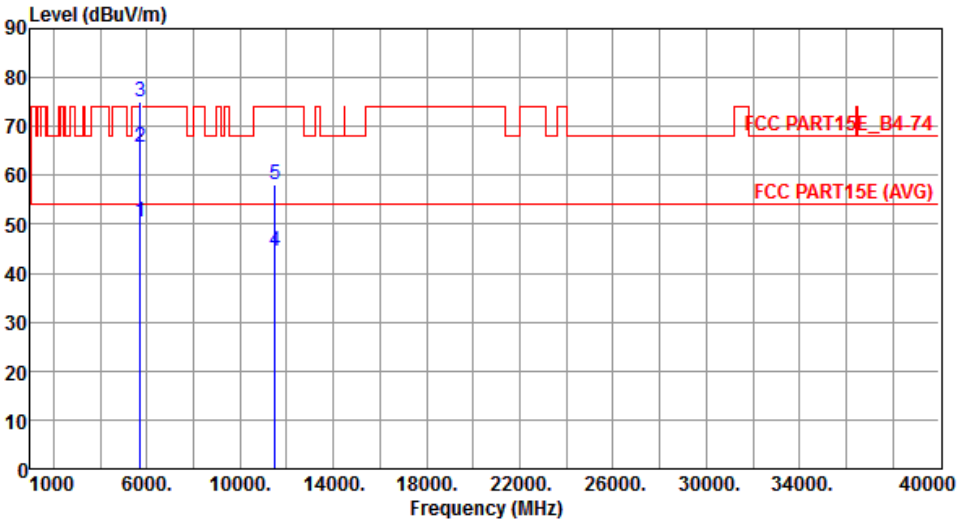
Modulation	VHT40	Test Freq. (MHz)	5230
Polarization	Vertical	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	52.85	54.00	-1.15	47.30	5.55	Average	218	8
2	5150.00	66.25	74.00	-7.75	60.70	5.55	Peak	218	8
3	5350.00	51.94	54.00	-2.06	46.27	5.67	Average	218	8
4	5350.00	71.13	74.00	-2.87	65.46	5.67	Peak	218	8
5	10460.00	57.90	68.20	-10.30	42.10	15.80	Peak	320	0
6	15690.00	45.13	54.00	-8.87	29.97	15.16	Average	141	354
7	15690.00	58.20	74.00	-15.80	43.04	15.16	Peak	141	354

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).

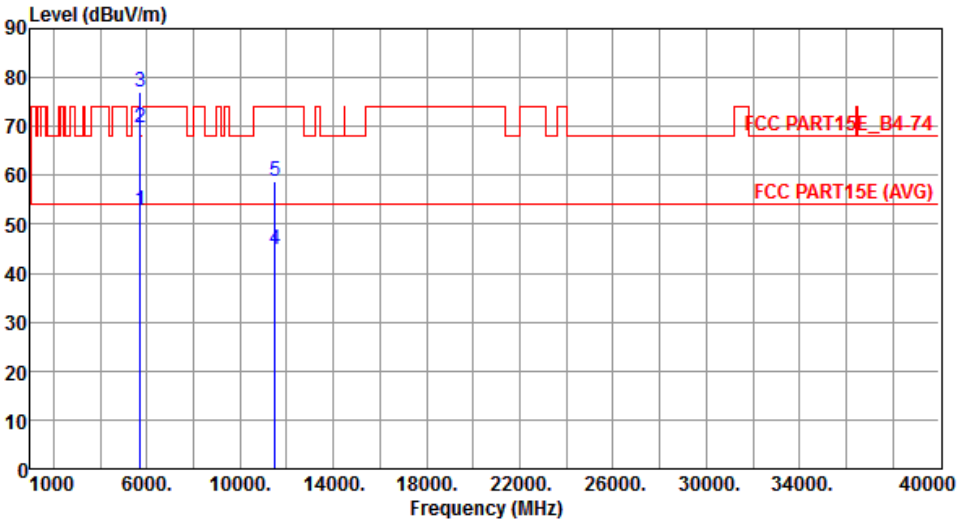
Modulation	VHT40	Test Freq. (MHz)	5755
Polarization	Horizontal	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	50.42	54.00	-3.58	44.67	5.75	Average	225	314
2	5715.00	65.70	74.00	-8.30	59.95	5.75	Peak	225	314
3	5725.00	75.15	78.20	-3.05	69.42	5.73	Peak	225	314
4	11510.00	44.34	54.00	-9.66	28.43	15.91	Average	225	314
5	11510.00	58.26	74.00	-15.74	42.35	15.91	Peak	225	314

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).

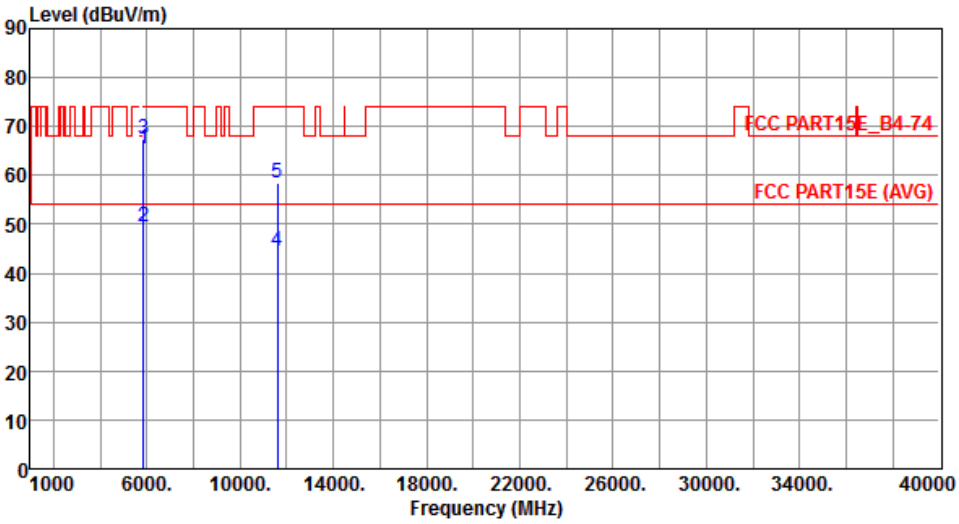
Modulation	VHT40	Test Freq. (MHz)	5755
Polarization	Vertical	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	52.66	54.00	-1.34	46.91	5.75	Average	221	5
2	5715.00	69.90	74.00	-4.10	64.15	5.75	Peak	221	5
3	5725.00	77.17	78.20	-1.03	71.44	5.73	Peak	179	6
4	11510.00	44.98	54.00	-9.02	29.07	15.91	Average	278	213
5	11510.00	58.72	74.00	-15.28	42.81	15.91	Peak	278	213

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).

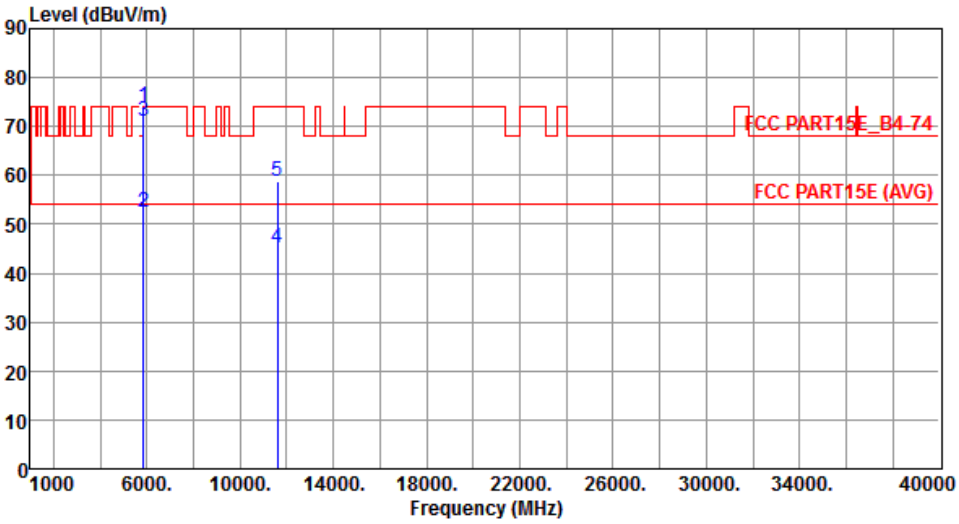
Modulation	VHT40	Test Freq. (MHz)	5795
Polarization	Horizontal	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5850.00	65.56	78.20	-12.64	59.73	5.83	Peak	18	1
2	5860.00	49.35	54.00	-4.65	43.51	5.84	Average	18	1
3	5860.00	67.42	74.00	-6.58	61.58	5.84	Peak	18	1
4	11590.00	44.46	54.00	-9.54	28.76	15.70	Average	220	315
5	11590.00	58.37	74.00	-15.63	42.67	15.70	Peak	220	315

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	VHT40	Test Freq. (MHz)	5795
Polarization	Vertical	Test Configuration	3

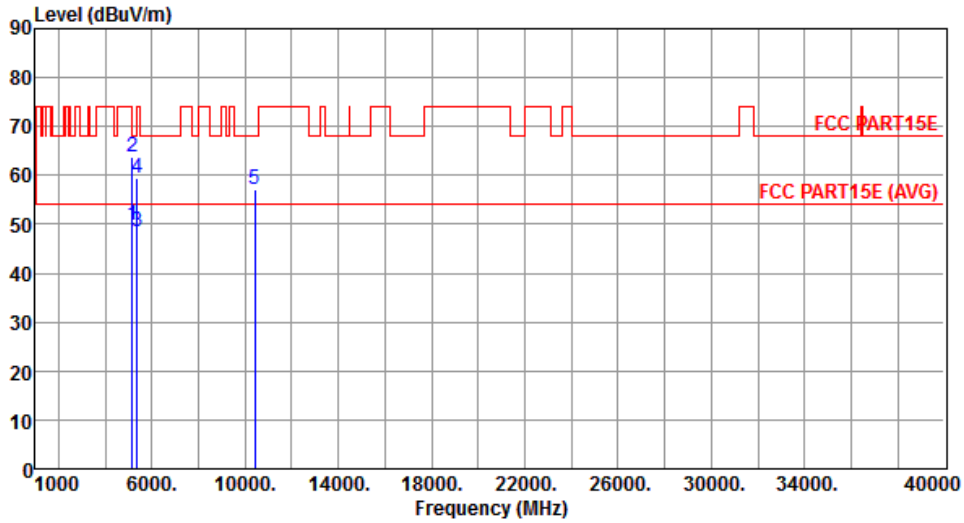


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5850.00	74.02	78.20	-4.18	68.19	5.83	Peak	118	7
2	5860.00	52.40	54.00	-1.60	46.56	5.84	Average	163	4
3	5860.00	71.16	74.00	-2.84	65.32	5.84	Peak	163	4
4	11590.00	45.12	54.00	-8.88	29.42	15.70	Average	274	215
5	11590.00	58.84	74.00	-15.16	43.14	15.70	Peak	274	215

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).

3.5.18 Transmitter Radiated Unwanted Emissions (Above 1GHz) for VHT80

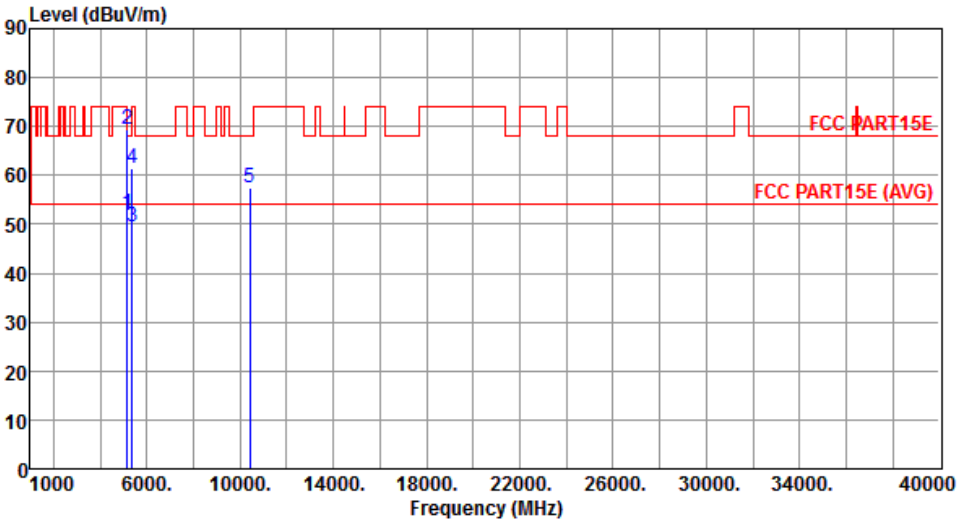
Modulation	VHT80	Test Freq. (MHz)	5210
Polarization	Horizontal	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	49.82	54.00	-4.18	44.27	5.55	Average	185	8
2	5150.00	63.65	74.00	-10.35	58.10	5.55	Peak	185	8
3	5350.00	48.52	54.00	-5.48	42.85	5.67	Average	185	8
4	5350.00	59.59	74.00	-14.41	53.92	5.67	Peak	185	8
5	10420.00	57.24	68.20	-10.96	41.59	15.65	Peak	325	261

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).

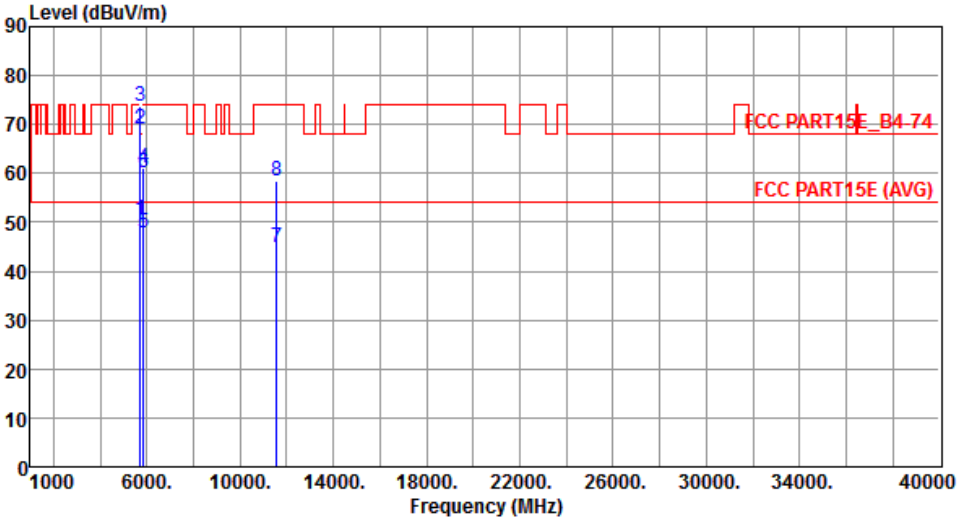
Modulation	VHT80	Test Freq. (MHz)	5210
Polarization	Vertical	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	52.27	54.00	-1.73	46.72	5.55	Average	176	3
2	5150.00	69.31	74.00	-4.69	63.76	5.55	Peak	176	3
3	5350.00	49.57	54.00	-4.43	43.90	5.67	Average	176	3
4	5350.00	61.41	74.00	-12.59	55.74	5.67	Peak	176	3
5	10420.00	57.56	68.20	-10.64	41.91	15.65	Peak	324	9

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).

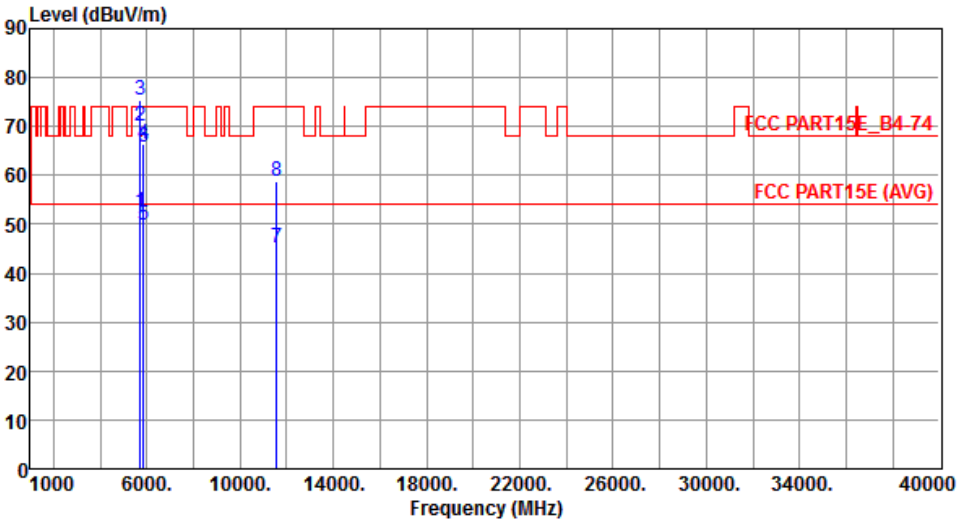
Modulation	VHT80	Test Freq. (MHz)	5775
Polarization	Horizontal	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	50.53	54.00	-3.47	44.78	5.75	Average	172	2
2	5715.00	68.99	74.00	-5.01	63.24	5.75	Peak	172	2
3	5725.00	73.57	78.20	-4.63	67.84	5.73	Peak	172	2
4	5850.00	61.17	78.20	-17.03	55.34	5.83	Peak	172	2
5	5860.00	47.96	54.00	-6.04	42.12	5.84	Average	172	2
6	5860.00	60.19	74.00	-13.81	54.35	5.84	Peak	172	2
7	11550.00	44.79	54.00	-9.21	28.99	15.80	Average	231	308
8	11550.00	58.54	74.00	-15.46	42.74	15.80	Peak	231	308

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	VHT80	Test Freq. (MHz)	5775
Polarization	Vertical	Test Configuration	3



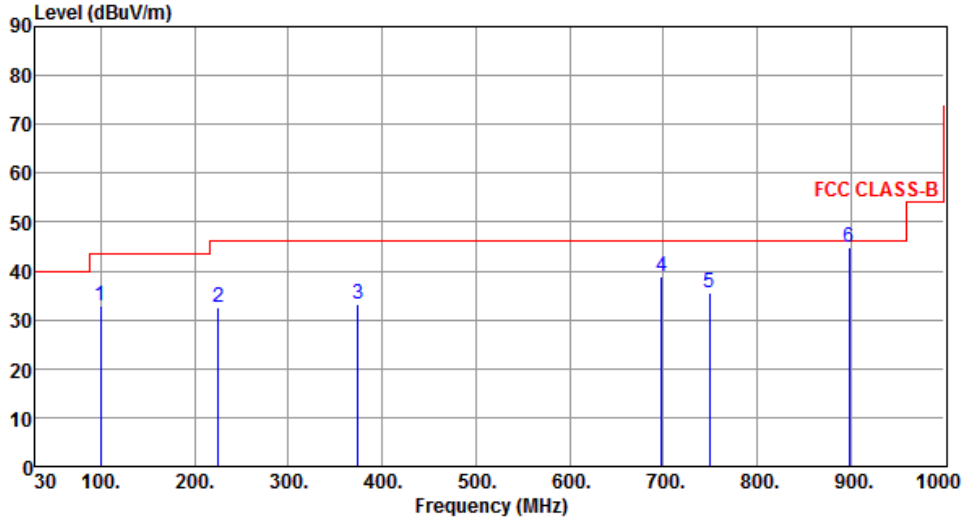
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	52.31	54.00	-1.69	46.56	5.75	Average	251	6
2	5715.00	70.21	74.00	-3.79	64.46	5.75	Peak	251	6
3	5725.00	75.55	78.20	-2.65	69.82	5.73	Peak	209	6
4	5850.00	66.59	78.20	-11.61	60.76	5.83	Peak	207	7
5	5860.00	49.82	54.00	-4.18	43.98	5.84	Average	207	7
6	5860.00	65.80	74.00	-8.20	59.96	5.84	Peak	207	7
7	11550.00	45.27	54.00	-8.73	29.47	15.80	Average	273	219
8	11550.00	58.88	74.00	-15.12	43.08	15.80	Peak	273	219

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).

Test Configuration 4: Panel antenna with 6dBi gain

3.5.19 Transmitter Radiated Unwanted Emissions (Below 1GHz)

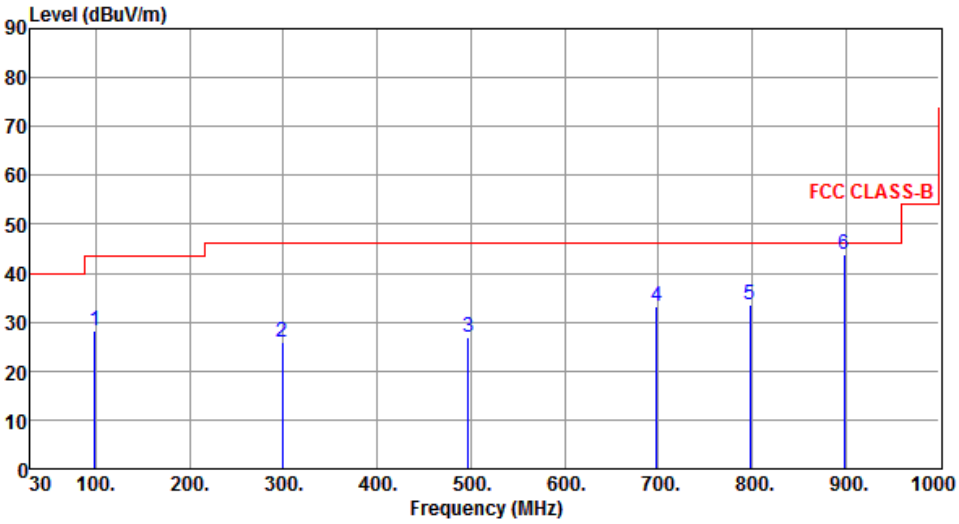
Modulation	VHT40	Test Freq. (MHz)	5230
Polarization	Horizontal	Test Configuration	4



	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	32.75	43.50	-10.75	54.10	-21.35	Peak	---	---
2	224.97	32.47	46.00	-13.53	51.33	-18.86	Peak	---	---
3	374.35	33.08	46.00	-12.92	47.29	-14.21	Peak	---	---
4	698.33	38.93	46.00	-7.07	47.12	-8.19	Peak	---	---
5	749.74	35.57	46.00	-10.43	42.66	-7.09	Peak	---	---
6	898.01	44.86	46.00	-1.14	50.22	-5.36	QP	100	305

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).
Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

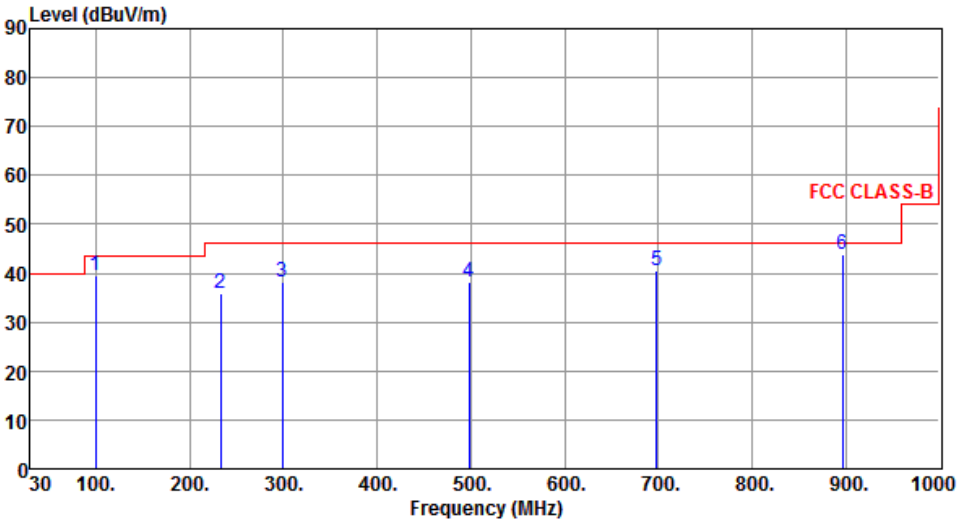
Modulation	VHT40	Test Freq. (MHz)	5230
Polarization	Vertical	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	98.87	28.12	43.50	-15.38	49.62	-21.50	Peak	---	---
2	298.69	25.98	46.00	-20.02	41.87	-15.89	Peak	---	---
3	497.54	27.03	46.00	-18.97	38.29	-11.26	Peak	---	---
4	698.33	33.08	46.00	-12.92	41.27	-8.19	Peak	---	---
5	798.24	33.47	46.00	-12.53	40.12	-6.65	Peak	---	---
6	898.02	43.86	46.00	-2.14	49.22	-5.36	QP	100	155

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).
Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

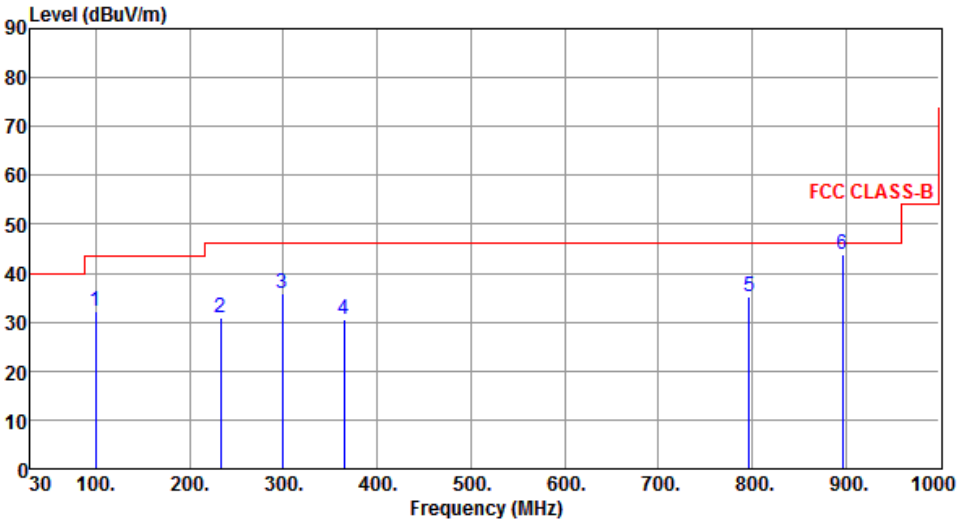
Modulation	11a	Test Freq. (MHz)	5785
Polarization	Horizontal	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	99.84	39.65	43.50	-3.85	61.00	-21.35	Peak	---	---
2	232.73	35.83	46.00	-10.17	54.31	-18.48	Peak	---	---
3	298.69	38.31	46.00	-7.69	54.20	-15.89	Peak	---	---
4	498.51	38.04	46.00	-7.96	49.29	-11.25	Peak	---	---
5	698.33	40.42	46.00	-5.58	48.61	-8.19	Peak	---	---
6	896.21	43.96	46.00	-2.04	49.36	-5.40	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).
Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

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

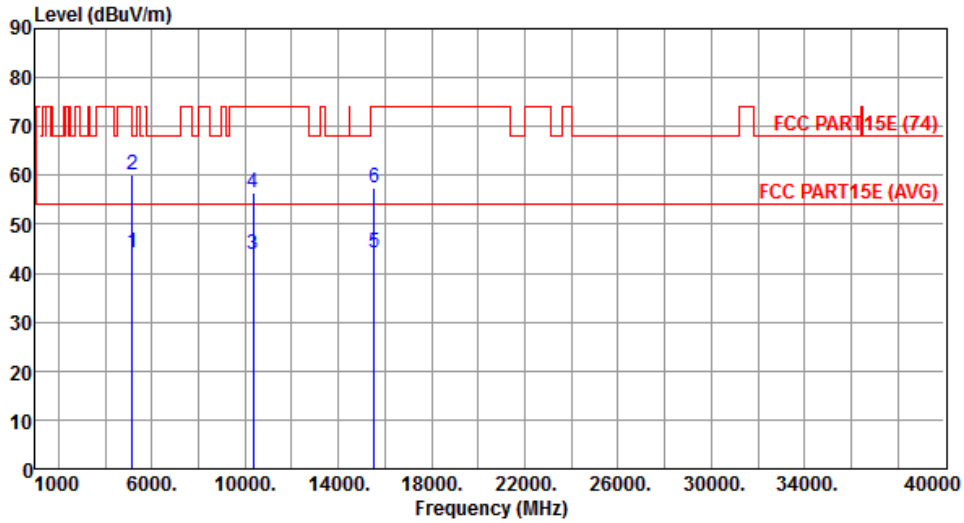


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	99.84	32.30	43.50	-11.20	53.65	-21.35	Peak	---	---
2	232.73	30.88	46.00	-15.12	49.36	-18.48	Peak	---	---
3	298.69	35.77	46.00	-10.23	51.66	-15.89	Peak	---	---
4	364.65	30.43	46.00	-15.57	44.90	-14.47	Peak	---	---
5	797.27	35.32	46.00	-10.68	41.98	-6.66	Peak	---	---
6	896.21	44.00	46.00	-2.00	49.40	-5.40	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).
Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

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

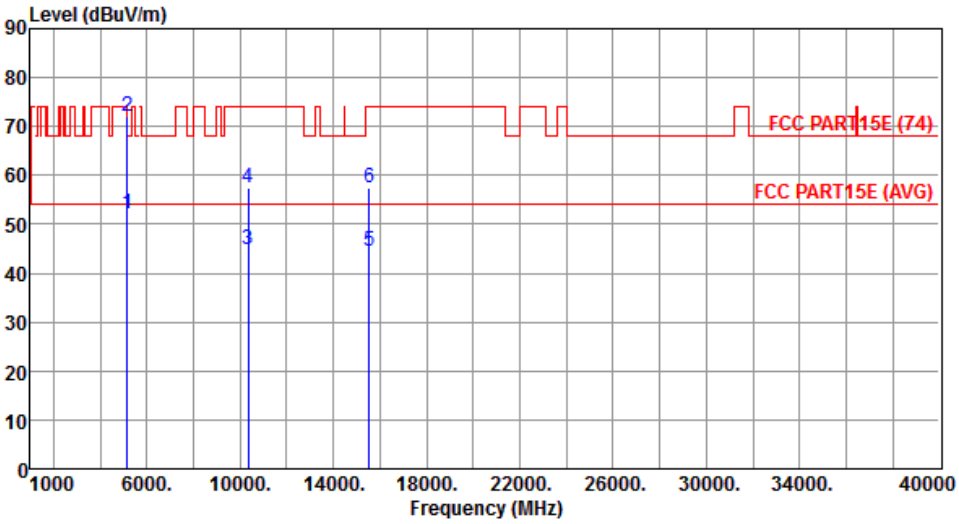
Modulation	11a	Test Freq. (MHz)	5180
Polarization	Horizontal	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	44.18	54.00	-9.82	38.82	5.36	Average	156	65
2	5150.00	60.26	74.00	-13.74	54.90	5.36	Peak	156	65
3	10360.00	43.92	54.00	-10.08	28.11	15.81	Average	292	320
4	10360.00	56.45	74.00	-17.55	40.64	15.81	Peak	292	320
5	15540.00	44.31	54.00	-9.69	27.12	17.19	Average	257	0
6	15540.00	57.46	74.00	-16.54	40.27	17.19	Peak	257	0

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).

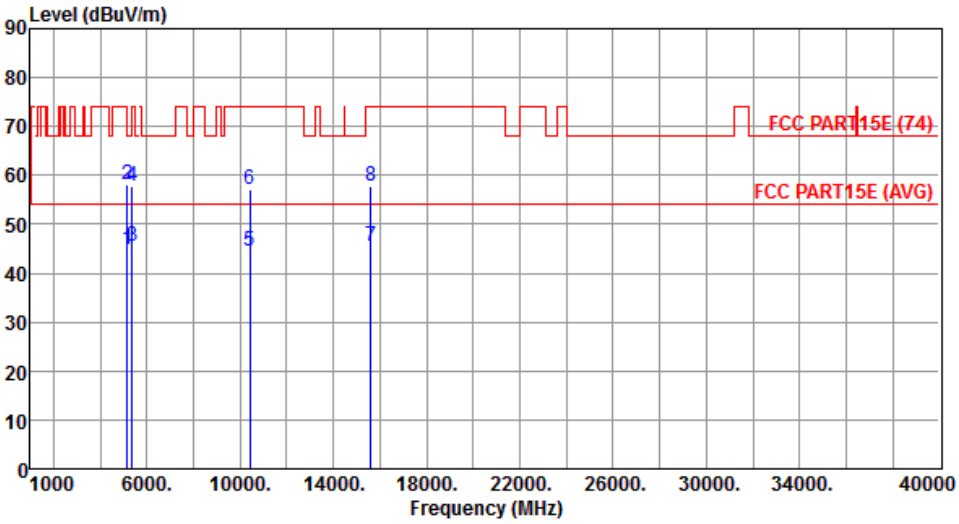
Modulation	11a	Test Freq. (MHz)	5180
Polarization	Vertical	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	52.26	54.00	-1.74	13.17	39.09	Average	157	0
2	5150.00	72.06	74.00	-1.94	32.97	39.09	Peak	157	0
3	10360.00	44.91	54.00	-9.09	29.10	15.81	Average	171	123
4	10360.00	57.51	74.00	-16.49	41.70	15.81	Peak	171	123
5	15540.00	44.36	54.00	-9.64	27.17	17.19	Average	257	7
6	15540.00	57.62	74.00	-16.38	40.43	17.19	Peak	257	7

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).

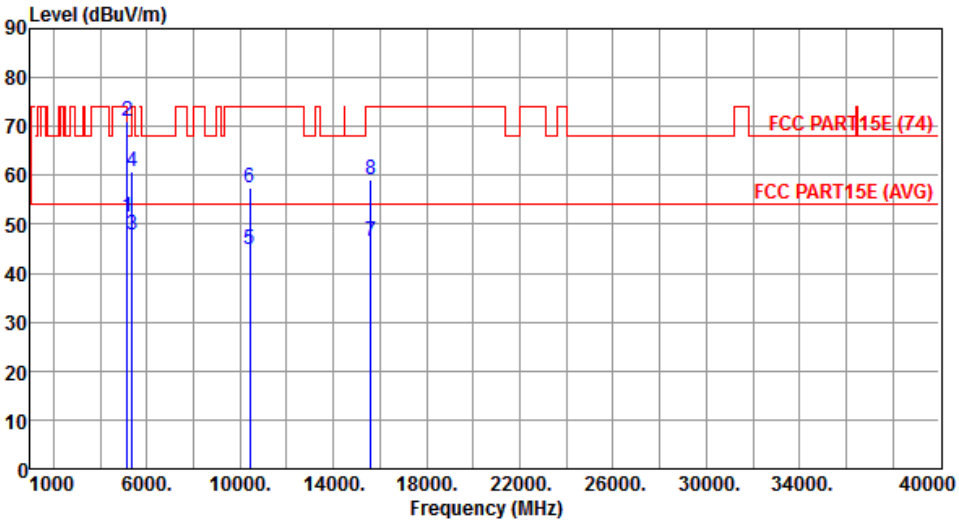
Modulation	11a	Test Freq. (MHz)	5200
Polarization	Horizontal	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	44.83	54.00	-9.17	39.47	5.36	Average	177	302
2	5150.00	58.15	74.00	-15.85	52.79	5.36	Peak	177	302
3	5350.00	45.54	54.00	-8.46	40.09	5.45	Average	177	302
4	5350.00	57.83	74.00	-16.17	52.38	5.45	Peak	177	302
5	10400.00	44.54	54.00	-9.46	28.53	16.01	Average	209	65
6	10400.00	57.22	74.00	-16.78	41.21	16.01	Peak	209	65
7	15600.00	45.63	54.00	-8.37	28.72	16.91	Average	225	113
8	15600.00	57.89	74.00	-16.11	40.98	16.91	Peak	225	113

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).

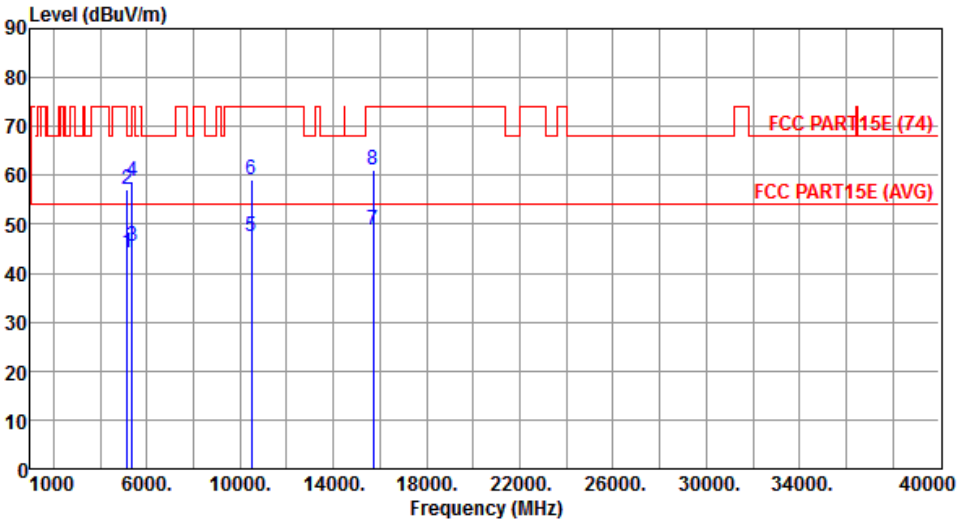
Modulation	11a	Test Freq. (MHz)	5200
Polarization	Vertical	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	51.59	54.00	-2.41	46.23	5.36	Average	164	353
2	5150.00	70.94	74.00	-3.06	65.58	5.36	Peak	164	353
3	5350.00	47.88	54.00	-6.12	42.43	5.45	Average	164	4
4	5350.00	60.61	74.00	-13.39	55.16	5.45	Peak	164	4
5	10400.00	44.68	54.00	-9.32	28.67	16.01	Average	220	123
6	10400.00	57.30	74.00	-16.70	41.29	16.01	Peak	220	123
7	15600.00	46.37	54.00	-7.63	29.46	16.91	Average	158	126
8	15600.00	59.23	74.00	-14.77	42.32	16.91	Peak	158	126

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).

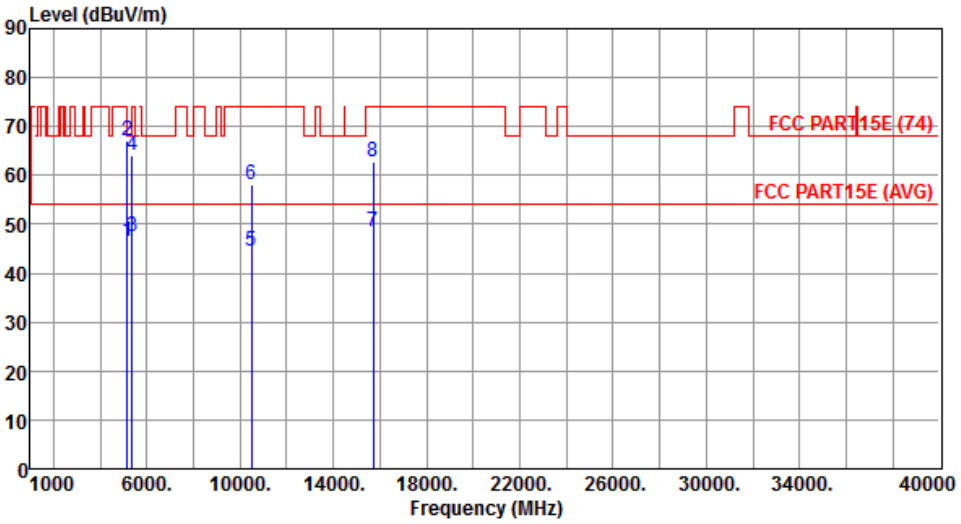
Modulation	11a	Test Freq. (MHz)	5240
Polarization	Horizontal	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	44.11	54.00	-9.89	38.75	5.36	Average	175	303
2	5150.00	57.04	74.00	-16.96	51.68	5.36	Peak	175	303
3	5350.00	45.33	54.00	-8.67	39.88	5.45	Average	175	303
4	5350.00	58.78	74.00	-15.22	53.33	5.45	Peak	175	303
5	10480.00	47.63	54.00	-6.37	31.20	16.43	Average	184	62
6	10480.00	59.27	74.00	-14.73	42.84	16.43	Peak	184	62
7	15720.00	48.96	54.00	-5.04	32.60	16.36	Average	214	112
8	15720.00	61.26	74.00	-12.74	44.90	16.36	Peak	214	112

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).

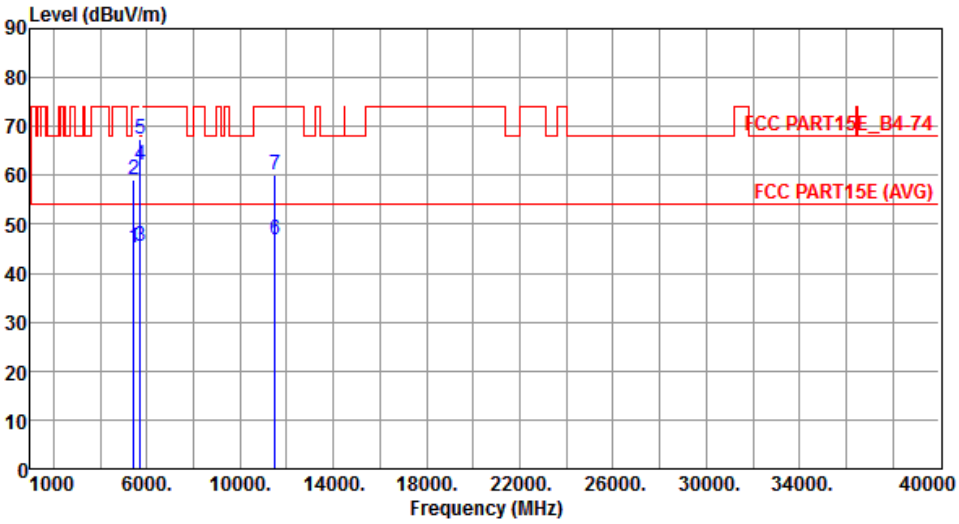
Modulation	11a	Test Freq. (MHz)	5240
Polarization	Vertical	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	46.54	54.00	-7.46	41.18	5.36	Average	161	1
2	5150.00	67.01	74.00	-6.99	61.65	5.36	Peak	161	1
3	5350.00	47.49	54.00	-6.51	42.04	5.45	Average	161	1
4	5350.00	64.12	74.00	-9.88	58.67	5.45	Peak	161	1
5	10480.00	44.66	54.00	-9.34	28.23	16.43	Average	207	131
6	10480.00	58.02	74.00	-15.98	41.59	16.43	Peak	207	131
7	15720.00	48.59	54.00	-5.41	32.23	16.36	Average	156	125
8	15720.00	62.73	74.00	-11.27	46.37	16.36	Peak	156	125

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).

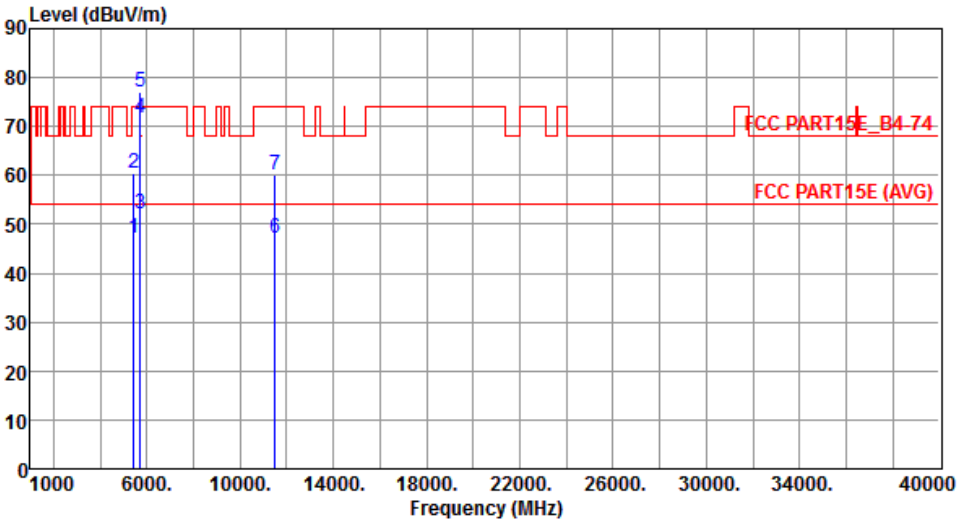
Modulation	11a	Test Freq. (MHz)	5745
Polarization	Horizontal	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5427.00	45.11	54.00	-8.89	39.64	5.47	Average	202	41
2	5427.00	58.97	74.00	-15.03	53.50	5.47	Peak	202	41
3	5715.00	45.65	54.00	-8.35	40.09	5.56	Average	202	41
4	5715.00	62.06	74.00	-11.94	56.50	5.56	Peak	202	41
5	5725.00	67.43	78.20	-10.77	61.88	5.55	Peak	202	41
6	11490.00	46.82	54.00	-7.18	29.46	17.36	Average	190	106
7	11490.00	60.04	74.00	-13.96	42.68	17.36	Peak	190	106

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).

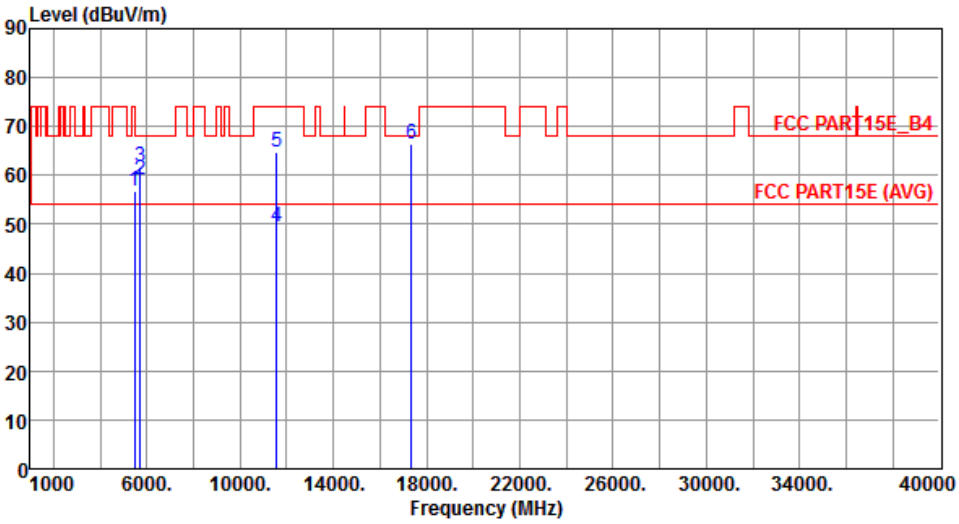
Modulation	11a	Test Freq. (MHz)	5745
Polarization	Vertical	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5427.00	47.13	54.00	-6.87	41.66	5.47	Average	203	4
2	5427.00	60.30	74.00	-13.70	54.83	5.47	Peak	203	4
3	5715.00	52.21	54.00	-1.79	46.65	5.56	Average	203	4
4	5715.00	71.77	74.00	-2.23	66.21	5.56	Peak	203	4
5	5725.00	77.00	78.20	-1.20	71.45	5.55	Peak	203	4
6	11490.00	47.24	54.00	-6.76	29.88	17.36	Average	190	137
7	11490.00	60.16	74.00	-13.84	42.80	17.36	Peak	190	137

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).

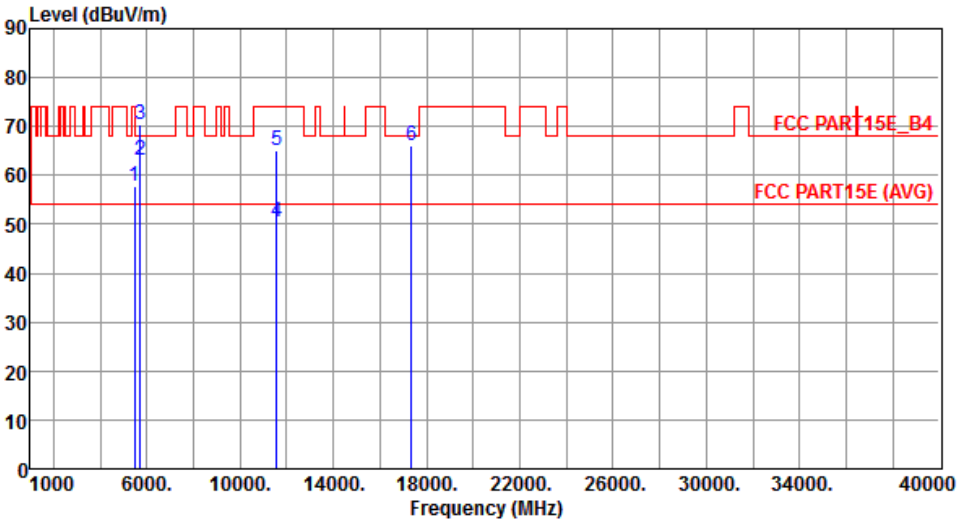
Modulation	11a	Test Freq. (MHz)	5785
Polarization	Horizontal	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5465.00	56.75	68.20	-11.45	51.28	5.47	Peak	144	188
2	5715.00	59.11	68.20	-9.09	53.55	5.56	Peak	117	32
3	5725.00	61.89	78.20	-16.31	56.34	5.55	Peak	117	32
4	11570.00	49.60	54.00	-4.40	32.42	17.18	Average	123	131
5	11570.00	64.74	74.00	-9.26	47.56	17.18	Peak	123	131
6	17355.00	66.44	68.20	-1.76	44.45	21.99	Peak	275	144

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).

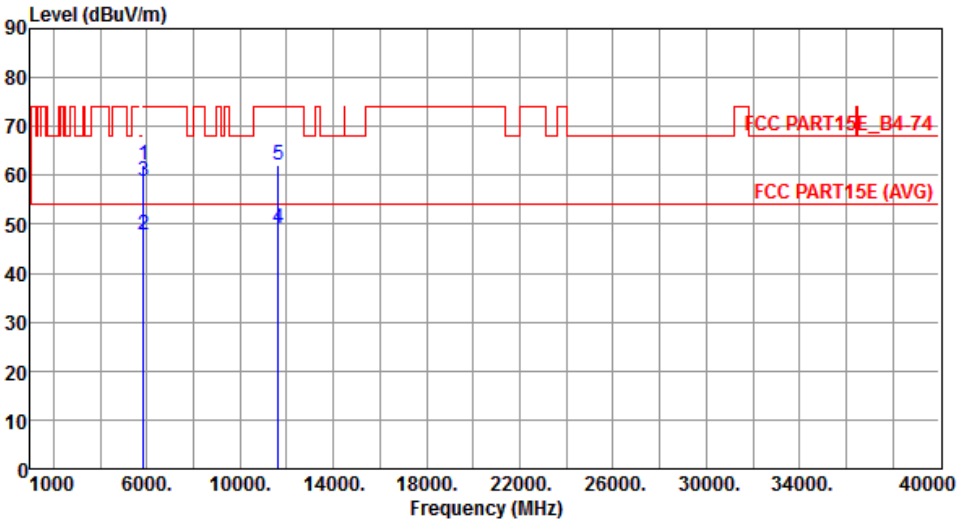
Modulation	11a	Test Freq. (MHz)	5785
Polarization	Vertical	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5465.00	57.63	68.20	-10.57	52.16	5.47	Peak	172	11
2	5715.00	63.21	68.20	-4.99	57.65	5.56	Peak	184	5
3	5725.00	70.54	78.20	-7.66	64.99	5.55	Peak	184	5
4	11570.00	50.39	54.00	-3.61	33.21	17.18	Average	175	136
5	11570.00	65.12	74.00	-8.88	47.94	17.18	Peak	175	136
6	17355.00	66.08	68.20	-2.12	44.09	21.99	Peak	182	135

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).

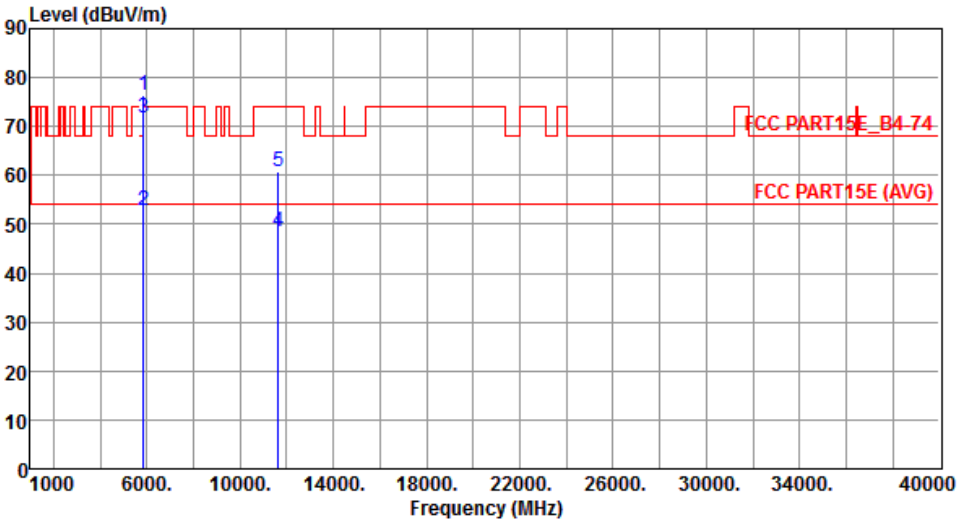
Modulation	11a	Test Freq. (MHz)	5825
Polarization	Horizontal	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5850.00	62.24	78.20	-15.96	56.56	5.68	Peak	150	34
2	5860.00	47.70	54.00	-6.30	42.01	5.69	Average	150	34
3	5860.00	58.66	74.00	-15.34	52.97	5.69	Peak	150	34
4	11650.00	49.28	54.00	-4.72	32.32	16.96	Average	193	102
5	11650.00	62.11	74.00	-11.89	45.15	16.96	Peak	193	102

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

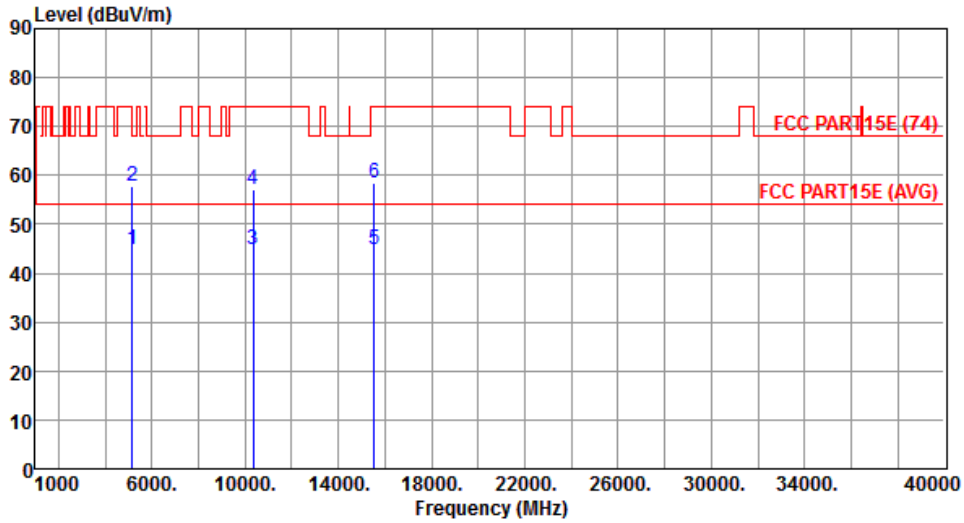


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5850.00	76.46	78.20	-1.74	70.78	5.68	Peak	207	10
2	5860.00	52.92	54.00	-1.08	47.23	5.69	Average	207	10
3	5860.00	71.88	74.00	-2.12	66.19	5.69	Peak	207	10
4	11650.00	48.34	54.00	-5.66	31.38	16.96	Average	235	127
5	11650.00	60.92	74.00	-13.08	43.96	16.96	Peak	235	127

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).

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

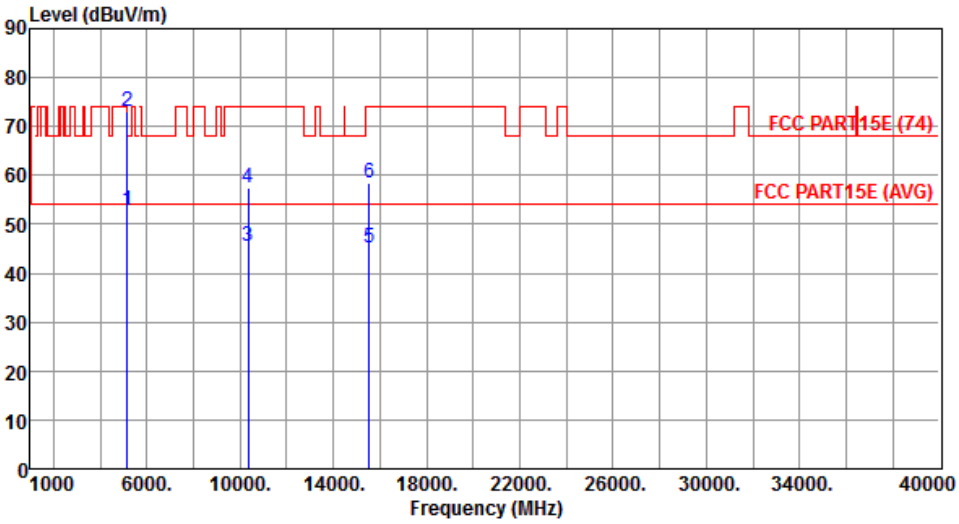
Modulation	VHT20	Test Freq. (MHz)	5180
Polarization	Horizontal	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	44.72	54.00	-9.28	39.36	5.36	Average	128	76
2	5150.00	57.70	74.00	-16.30	52.34	5.36	Peak	128	76
3	10360.00	44.92	54.00	-9.08	29.11	15.81	Average	127	123
4	10360.00	57.18	74.00	-16.82	41.37	15.81	Peak	127	123
5	15540.00	44.85	54.00	-9.15	27.66	17.19	Average	125	38
6	15540.00	58.53	74.00	-15.47	41.34	17.19	Peak	125	38

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).

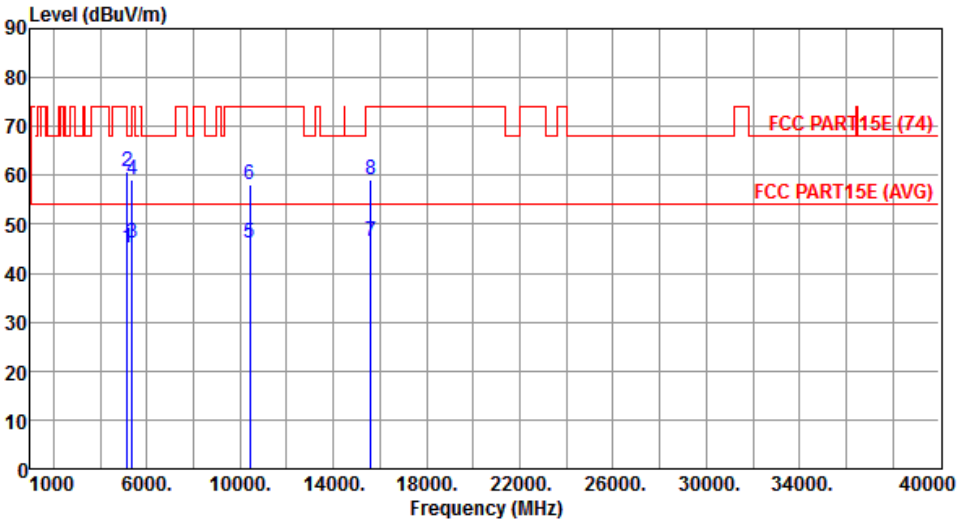
Modulation	VHT20	Test Freq. (MHz)	5180
Polarization	Vertical	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	52.84	54.00	-1.16	47.48	5.36	Average	128	1
2	5150.00	72.94	74.00	-1.06	67.58	5.36	Peak	128	1
3	10360.00	45.36	54.00	-8.64	29.55	15.81	Average	188	156
4	10360.00	57.36	74.00	-16.64	41.55	15.81	Peak	188	156
5	15540.00	45.06	54.00	-8.94	27.87	17.19	Average	196	213
6	15540.00	58.58	74.00	-15.42	41.39	17.19	Peak	196	213

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).

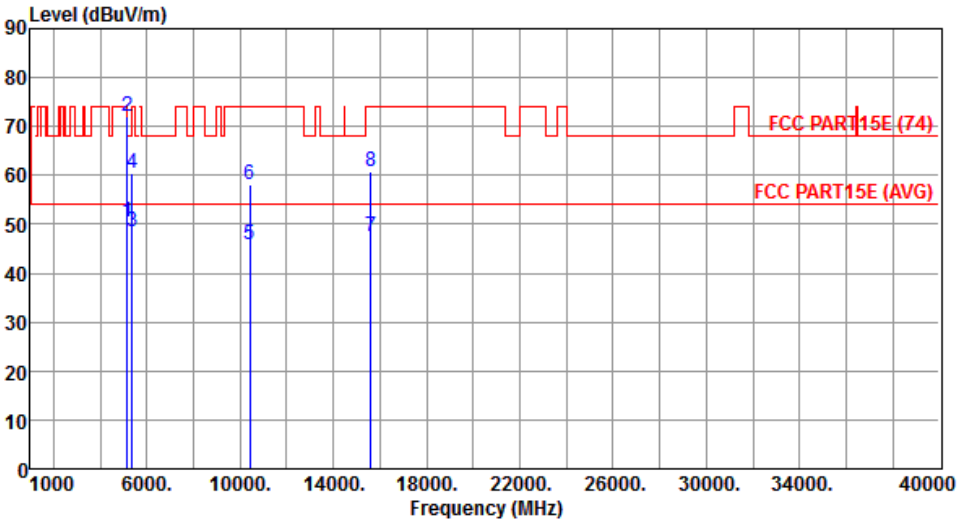
Modulation	VHT20	Test Freq. (MHz)	5200
Polarization	Horizontal	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	45.28	54.00	-8.72	39.92	5.36	Average	171	301
2	5150.00	60.72	74.00	-13.28	55.36	5.36	Peak	171	301
3	5350.00	46.15	54.00	-7.85	40.70	5.45	Average	171	301
4	5350.00	59.08	74.00	-14.92	53.63	5.45	Peak	171	301
5	10400.00	46.22	54.00	-7.78	30.21	16.01	Average	155	168
6	10400.00	58.26	74.00	-15.74	42.25	16.01	Peak	155	168
7	15600.00	46.45	54.00	-7.55	29.54	16.91	Average	172	212
8	15600.00	59.17	74.00	-14.83	42.26	16.91	Peak	172	212

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).

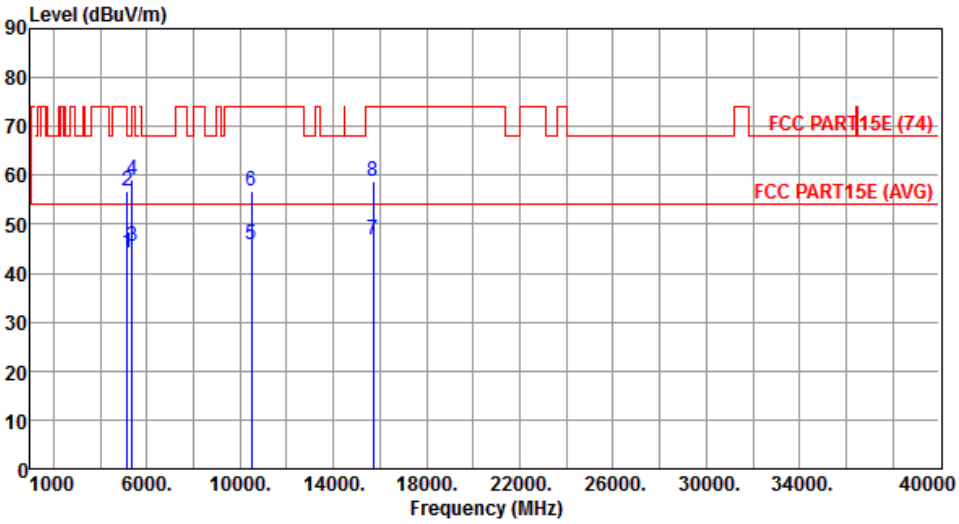
Modulation	VHT20	Test Freq. (MHz)	5200
Polarization	Vertical	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	50.58	54.00	-3.42	45.22	5.36	Average	163	10
2	5150.00	71.95	74.00	-2.05	66.59	5.36	Peak	163	10
3	5350.00	48.40	54.00	-5.60	42.95	5.45	Average	163	3
4	5350.00	60.56	74.00	-13.44	55.11	5.45	Peak	163	3
5	10400.00	45.87	54.00	-8.13	29.86	16.01	Average	185	212
6	10400.00	58.26	74.00	-15.74	42.25	16.01	Peak	185	212
7	15600.00	47.46	54.00	-6.54	30.55	16.91	Average	185	212
8	15600.00	60.77	74.00	-13.23	43.86	16.91	Peak	185	212

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).

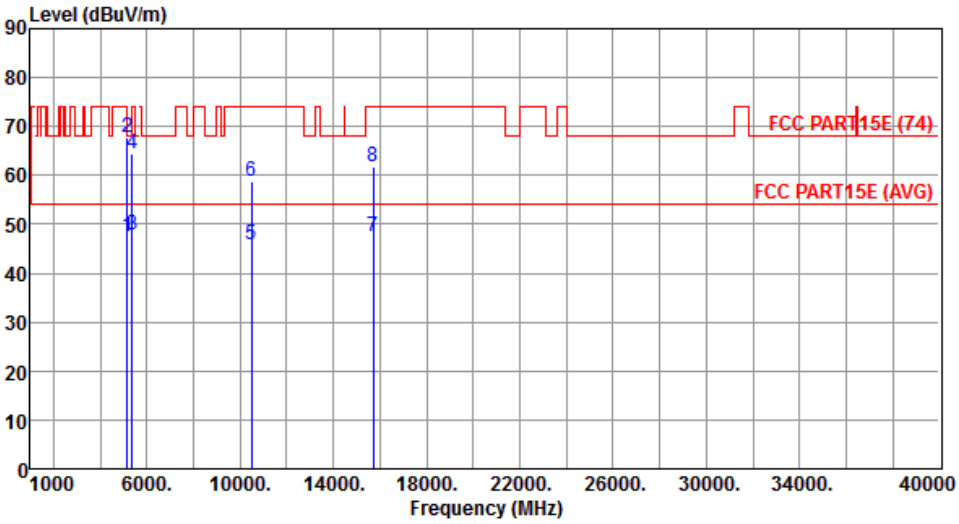
Modulation	VHT20	Test Freq. (MHz)	5240
Polarization	Horizontal	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	44.32	54.00	-9.68	38.96	5.36	Average	171	316
2	5150.00	56.84	74.00	-17.16	51.48	5.36	Peak	171	316
3	5350.00	45.58	54.00	-8.42	40.13	5.45	Average	172	312
4	5350.00	59.12	74.00	-14.88	53.67	5.45	Peak	172	312
5	10480.00	45.78	54.00	-8.22	29.35	16.43	Average	175	75
6	10480.00	56.85	74.00	-17.15	40.42	16.43	Peak	175	75
7	15720.00	46.84	54.00	-7.16	30.48	16.36	Average	213	125
8	15720.00	58.89	74.00	-15.11	42.53	16.36	Peak	213	125

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).

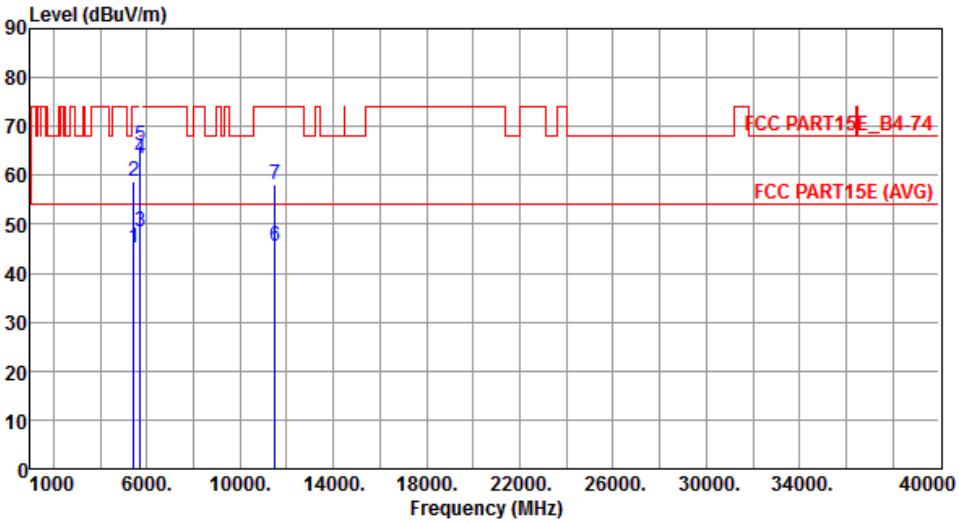
Modulation	VHT20	Test Freq. (MHz)	5240
Polarization	Vertical	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	47.57	54.00	-6.43	42.21	5.36	Average	155	3
2	5150.00	67.78	74.00	-6.22	62.42	5.36	Peak	155	3
3	5350.00	47.69	54.00	-6.31	42.24	5.45	Average	155	3
4	5350.00	64.42	74.00	-9.58	58.97	5.45	Peak	155	3
5	10480.00	45.91	54.00	-8.09	29.48	16.43	Average	202	153
6	10480.00	58.91	74.00	-15.09	42.48	16.43	Peak	202	153
7	15720.00	47.52	54.00	-6.48	31.16	16.36	Average	155	123
8	15720.00	61.78	74.00	-12.22	45.42	16.36	Peak	155	123

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).

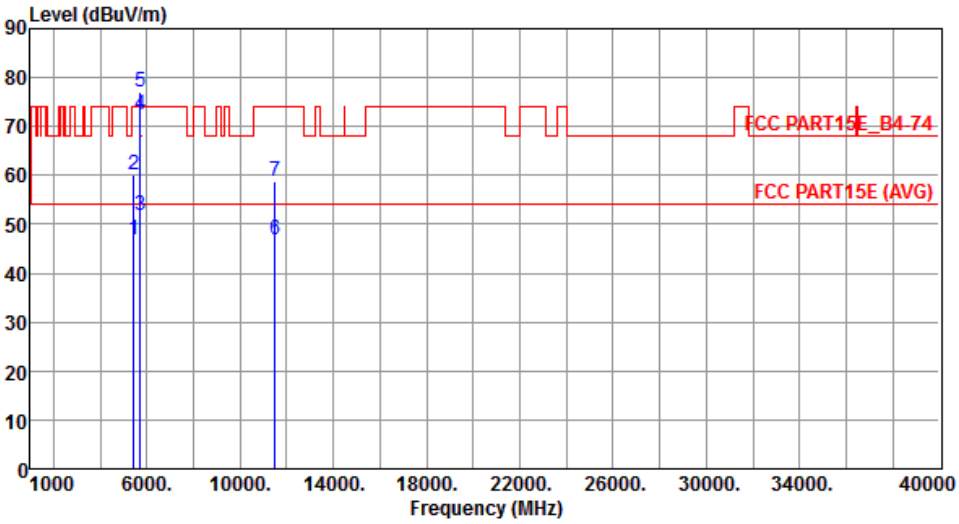
Modulation	VHT20	Test Freq. (MHz)	5745
Polarization	Horizontal	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5427.00	45.12	54.00	-8.88	39.65	5.47	Average	166	30
2	5427.00	58.69	74.00	-15.31	53.22	5.47	Peak	166	30
3	5715.00	48.42	54.00	-5.58	42.86	5.56	Average	166	30
4	5715.00	63.32	74.00	-10.68	57.76	5.56	Peak	166	30
5	5725.00	66.06	78.20	-12.14	60.51	5.55	Peak	166	30
6	11490.00	45.58	54.00	-8.42	28.22	17.36	Average	160	103
7	11490.00	58.05	74.00	-15.95	40.69	17.36	Peak	160	103

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).

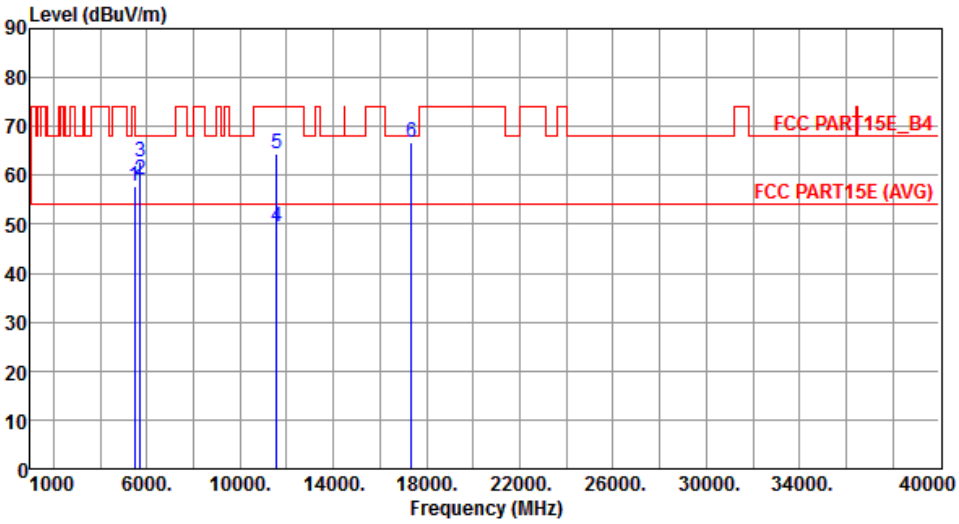
Modulation	VHT20	Test Freq. (MHz)	5745
Polarization	Vertical	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5427.00	46.80	54.00	-7.20	41.33	5.47	Average	193	357
2	5427.00	60.03	74.00	-13.97	54.56	5.47	Peak	193	357
3	5715.00	51.86	54.00	-2.14	46.30	5.56	Average	193	357
4	5715.00	72.24	74.00	-1.76	66.68	5.56	Peak	193	357
5	5725.00	77.19	78.20	-1.01	71.64	5.55	Peak	193	357
6	11490.00	46.83	54.00	-7.17	29.47	17.36	Average	194	241
7	11490.00	58.75	74.00	-15.25	41.39	17.36	Peak	194	241

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).

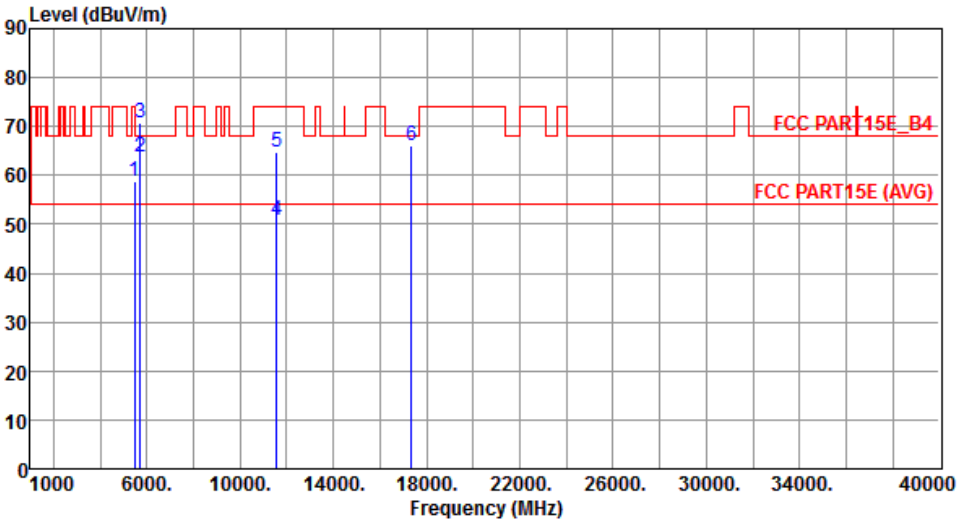
Modulation	VHT20	Test Freq. (MHz)	5785
Polarization	Horizontal	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5465.00	57.93	68.20	-10.27	52.46	5.47	Peak	117	35
2	5715.00	58.97	68.20	-9.23	53.41	5.56	Peak	117	35
3	5725.00	62.81	78.20	-15.39	57.26	5.55	Peak	117	35
4	11570.00	49.53	54.00	-4.47	32.35	17.18	Average	122	135
5	11570.00	64.44	74.00	-9.56	47.26	17.18	Peak	122	135
6	17355.00	66.61	68.20	-1.59	44.62	21.99	Peak	172	156

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).

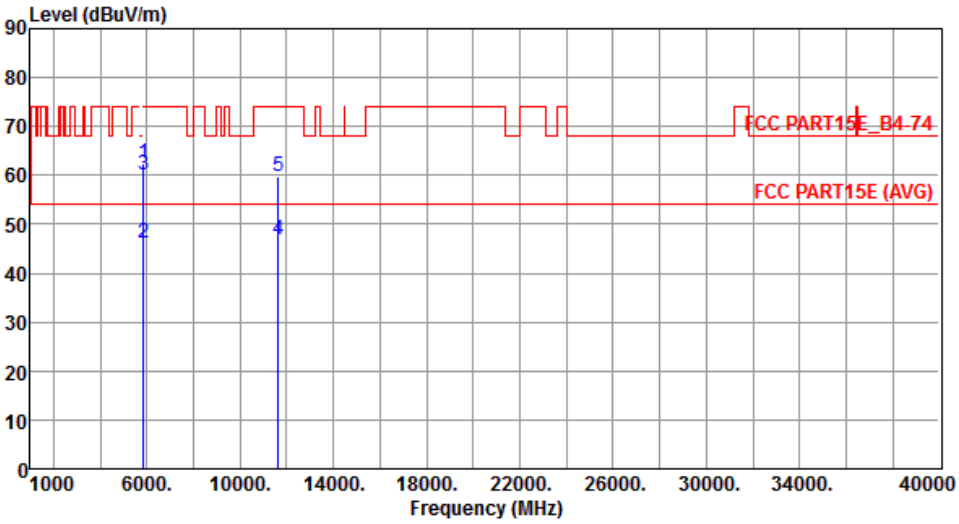
Modulation	VHT20	Test Freq. (MHz)	5785
Polarization	Vertical	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5465.00	58.69	68.20	-9.51	53.22	5.47	Peak	199	18
2	5715.00	63.76	68.20	-4.44	58.20	5.56	Peak	199	18
3	5725.00	70.87	78.20	-7.33	65.32	5.55	Peak	199	18
4	11570.00	50.70	54.00	-3.30	33.52	17.18	Average	170	152
5	11570.00	64.80	74.00	-9.20	47.62	17.18	Peak	170	152
6	17355.00	66.00	68.20	-2.20	44.01	21.99	Peak	175	142

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).

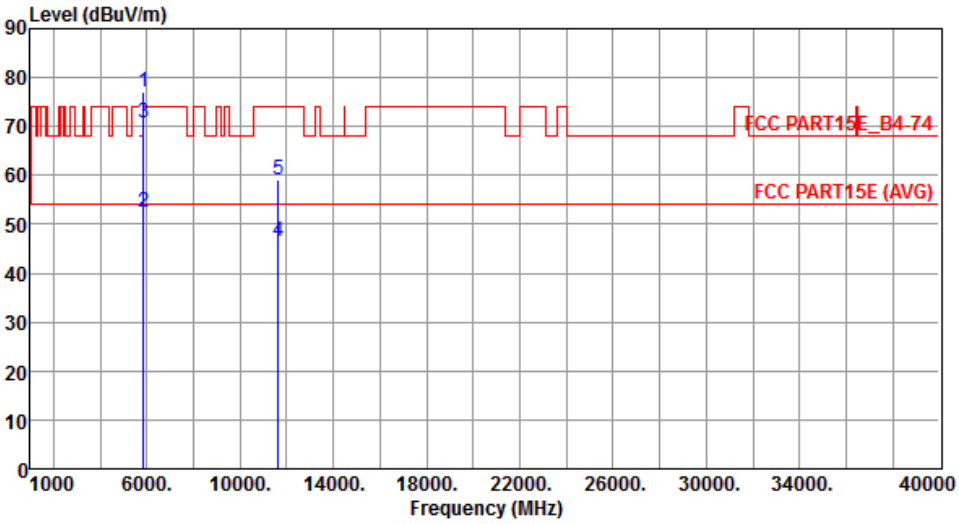
Modulation	VHT20	Test Freq. (MHz)	5825
Polarization	Horizontal	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5850.00	62.59	78.20	-15.61	56.91	5.68	Peak	149	37
2	5860.00	46.25	54.00	-7.75	40.56	5.69	Average	149	37
3	5860.00	59.97	74.00	-14.03	54.28	5.69	Peak	149	37
4	11650.00	46.82	54.00	-7.18	29.86	16.96	Average	195	100
5	11650.00	59.94	74.00	-14.06	42.98	16.96	Peak	195	100

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

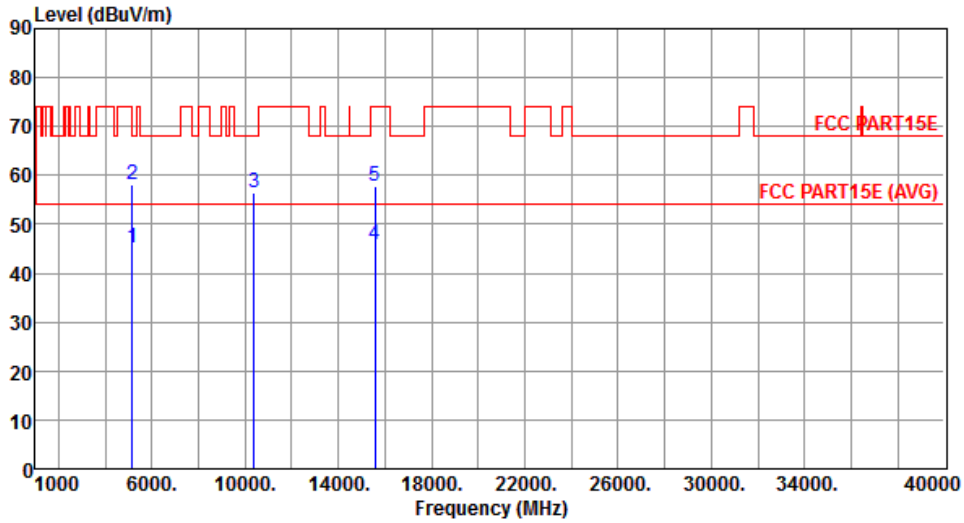


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5850.00	77.02	78.20	-1.18	71.34	5.68	Peak	199	12
2	5860.00	52.55	54.00	-1.45	46.86	5.69	Average	199	12
3	5860.00	70.79	74.00	-3.21	65.10	5.69	Peak	199	12
4	11650.00	46.57	54.00	-7.43	29.61	16.96	Average	183	141
5	11650.00	58.97	74.00	-15.03	42.01	16.96	Peak	183	141

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).

3.5.22 Transmitter Radiated Unwanted Emissions (Above 1GHz) for VHT40

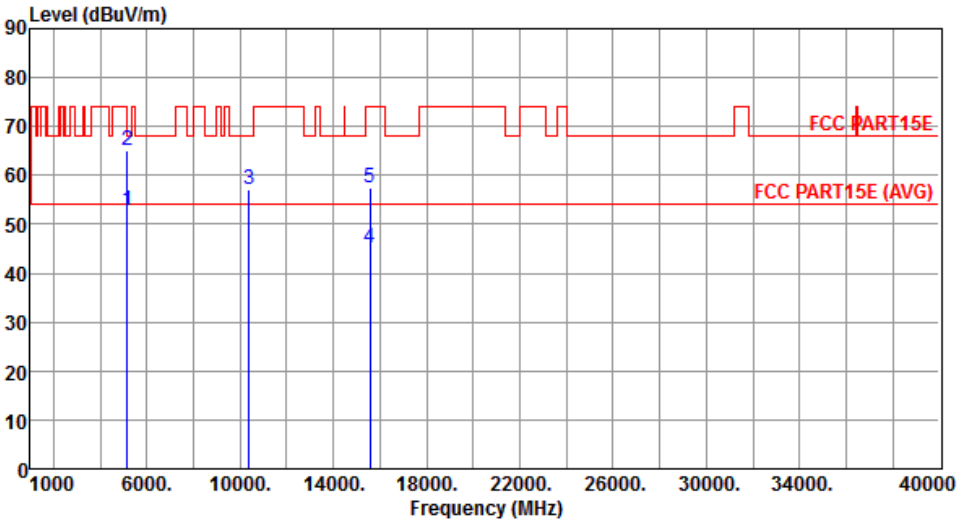
Modulation	VHT40	Test Freq. (MHz)	5190
Polarization	Horizontal	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	45.17	54.00	-8.83	39.81	5.36	Average	119	72
2	5150.00	57.99	74.00	-16.01	52.63	5.36	Peak	119	72
3	10380.00	56.44	68.20	-11.76	40.53	15.91	Peak	155	222
4	15570.00	45.69	54.00	-8.31	28.64	17.05	Average	142	156
5	15570.00	57.92	74.00	-16.08	40.87	17.05	Peak	142	156

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).

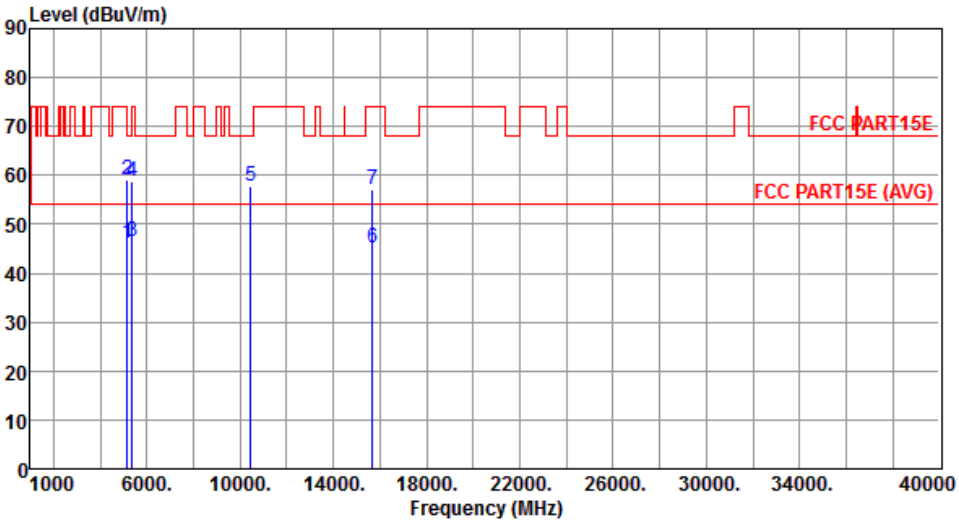
Modulation	VHT40	Test Freq. (MHz)	5190
Polarization	Vertical	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	52.72	54.00	-1.28	47.36	5.36	Average	119	0
2	5150.00	65.16	74.00	-8.84	59.80	5.36	Peak	119	0
3	10380.00	57.26	68.20	-10.94	41.35	15.91	Peak	168	186
4	15570.00	45.28	54.00	-8.72	28.23	17.05	Average	153	126
5	15570.00	57.54	74.00	-16.46	40.49	17.05	Peak	153	126

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).

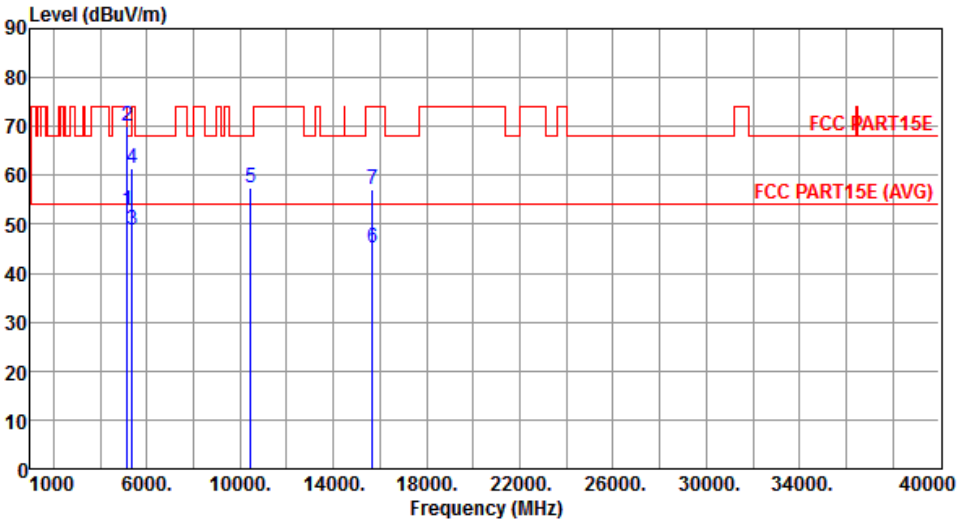
Modulation	VHT40	Test Freq. (MHz)	5230
Polarization	Horizontal	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	46.09	54.00	-7.91	40.73	5.36	Average	104	75
2	5150.00	58.97	74.00	-15.03	53.61	5.36	Peak	104	75
3	5350.00	46.44	54.00	-7.56	40.99	5.45	Average	104	75
4	5350.00	58.67	74.00	-15.33	53.22	5.45	Peak	104	75
5	10460.00	57.84	68.20	-10.36	41.52	16.32	Peak	203	284
6	15690.00	45.20	54.00	-8.80	28.70	16.50	Average	176	311
7	15690.00	57.15	74.00	-16.85	40.65	16.50	Peak	176	311

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).

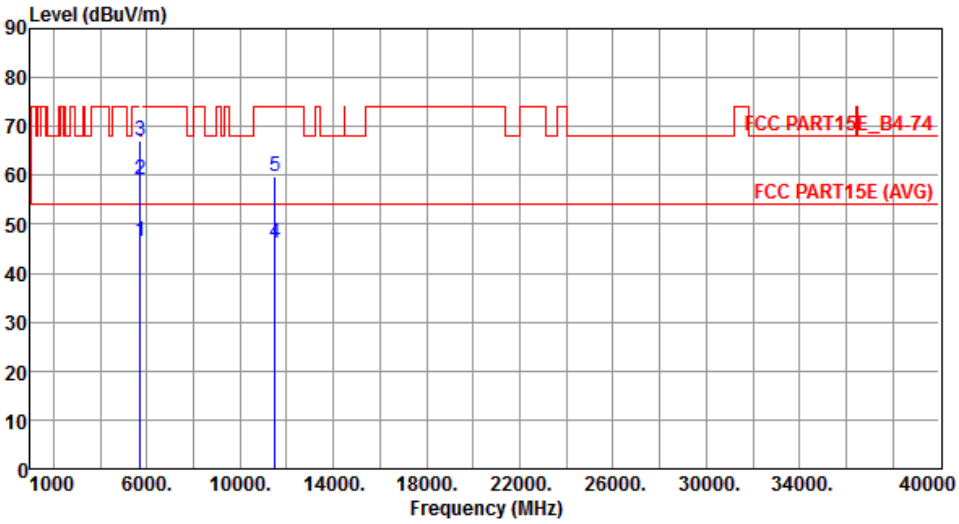
Modulation	VHT40	Test Freq. (MHz)	5230
Polarization	Vertical	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	52.68	54.00	-1.32	47.32	5.36	Average	102	358
2	5150.00	70.18	74.00	-3.82	64.82	5.36	Peak	102	358
3	5350.00	48.67	54.00	-5.33	43.22	5.45	Average	102	358
4	5350.00	61.35	74.00	-12.65	55.90	5.45	Peak	102	358
5	10460.00	57.44	68.20	-10.76	41.12	16.32	Peak	168	17
6	15690.00	45.24	54.00	-8.76	28.74	16.50	Average	160	37
7	15690.00	57.24	74.00	-16.76	40.74	16.50	Peak	160	37

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).

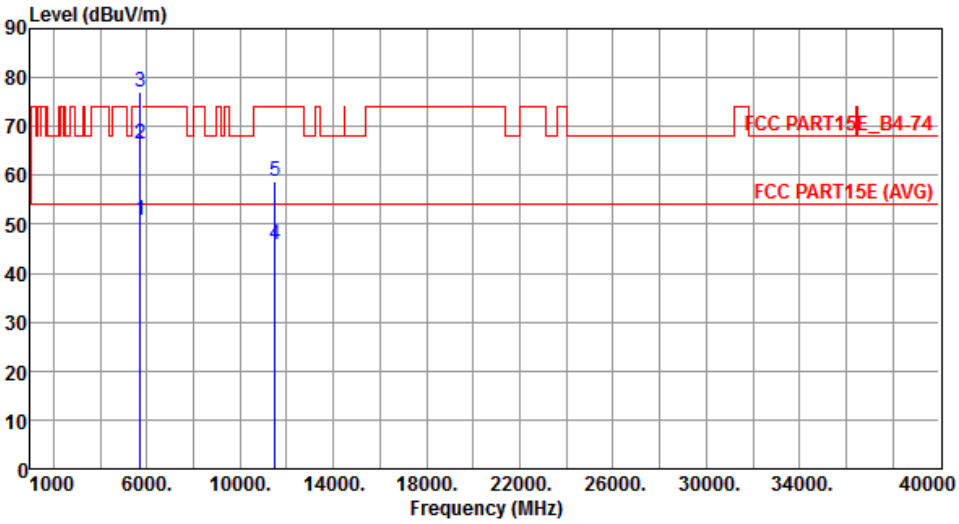
Modulation	VHT40	Test Freq. (MHz)	5755
Polarization	Horizontal	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	46.63	54.00	-7.37	41.07	5.56	Average	127	27
2	5715.00	59.19	74.00	-14.81	53.63	5.56	Peak	127	27
3	5725.00	66.94	78.20	-11.26	61.39	5.55	Peak	127	27
4	11510.00	46.05	54.00	-7.95	28.70	17.35	Average	189	111
5	11510.00	59.78	74.00	-14.22	42.43	17.35	Peak	189	111

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).

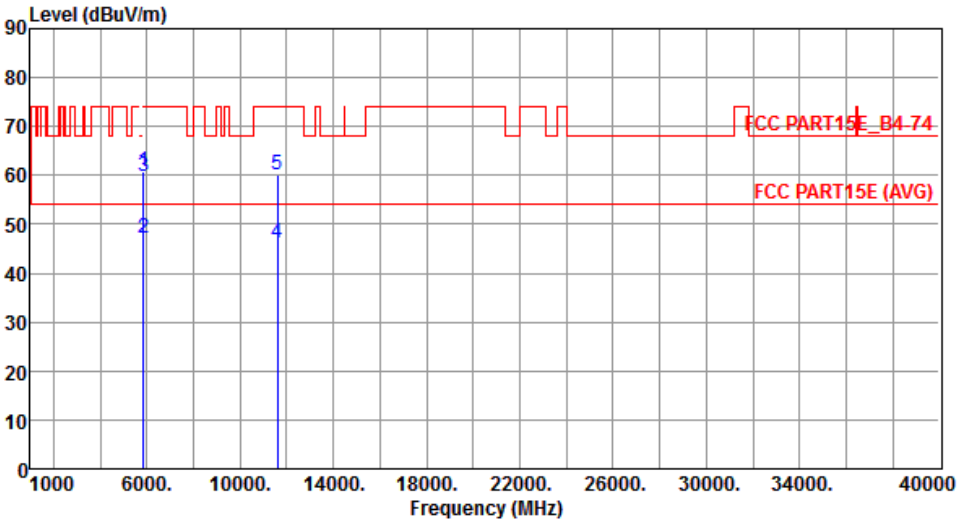
Modulation	VHT40	Test Freq. (MHz)	5755
Polarization	Vertical	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	50.90	54.00	-3.10	45.34	5.56	Average	182	5
2	5715.00	66.41	74.00	-7.59	60.85	5.56	Peak	182	5
3	5725.00	77.15	78.20	-1.05	71.60	5.55	Peak	182	5
4	11510.00	45.88	54.00	-8.12	28.53	17.35	Average	183	144
5	11510.00	58.64	74.00	-15.36	41.29	17.35	Peak	183	144

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).

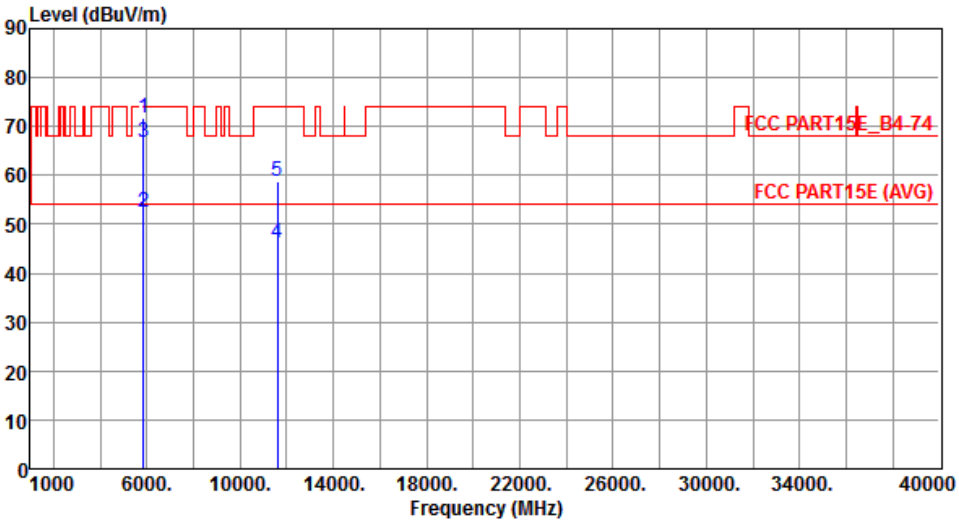
Modulation	VHT40	Test Freq. (MHz)	5795
Polarization	Horizontal	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5850.00	60.79	78.20	-17.41	55.11	5.68	Peak	199	43
2	5860.00	47.08	54.00	-6.92	41.39	5.69	Average	199	43
3	5860.00	59.94	74.00	-14.06	54.25	5.69	Peak	199	43
4	11590.00	46.27	54.00	-7.73	29.15	17.12	Average	199	103
5	11590.00	60.12	74.00	-13.88	43.00	17.12	Peak	199	103

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	VHT40	Test Freq. (MHz)	5795
Polarization	Vertical	Test Configuration	4

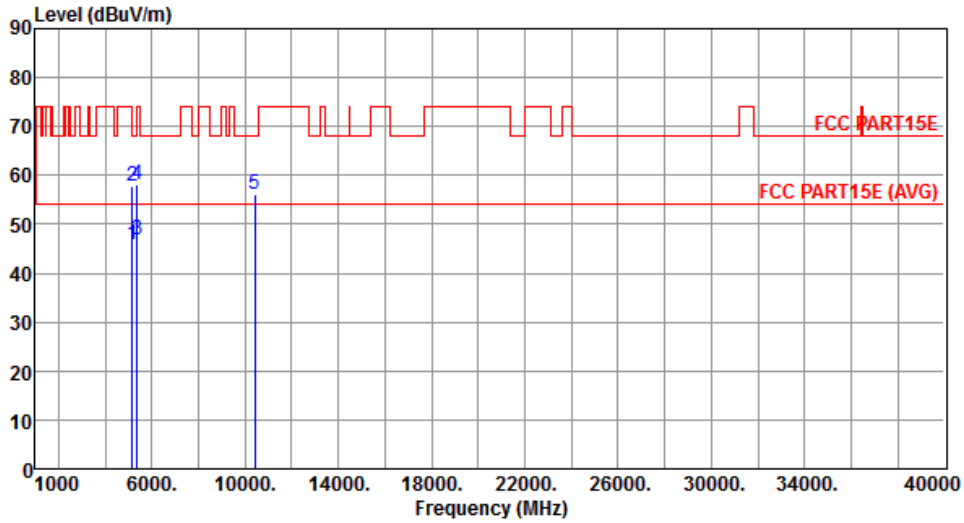


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5850.00	71.77	78.20	-6.43	66.09	5.68	Peak	197	12
2	5860.00	52.60	54.00	-1.40	46.91	5.69	Average	192	357
3	5860.00	66.71	74.00	-7.29	61.02	5.69	Peak	192	357
4	11590.00	46.15	54.00	-7.85	29.03	17.12	Average	188	146
5	11590.00	58.76	74.00	-15.24	41.64	17.12	Peak	188	146

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).

3.5.23 Transmitter Radiated Unwanted Emissions (Above 1GHz) for VHT80

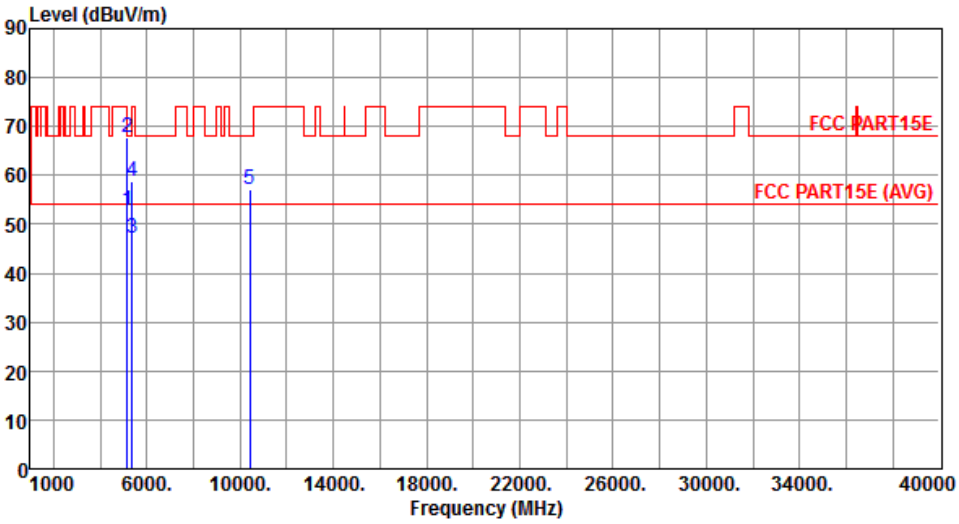
Modulation	VHT80	Test Freq. (MHz)	5210
Polarization	Horizontal	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	45.74	54.00	-8.26	40.38	5.36	Average	129	300
2	5150.00	57.94	74.00	-16.06	52.58	5.36	Peak	129	300
3	5350.00	46.76	54.00	-7.24	41.31	5.45	Average	129	300
4	5350.00	58.17	74.00	-15.83	52.72	5.45	Peak	129	300
5	10420.00	56.22	68.20	-11.98	40.11	16.11	Peak	153	229

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).

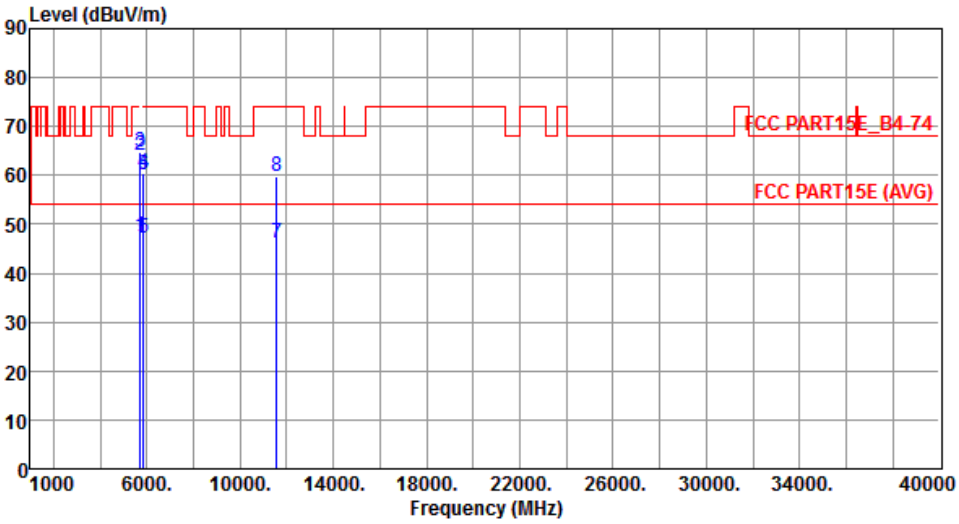
Modulation	VHT80	Test Freq. (MHz)	5210
Polarization	Vertical	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	52.85	54.00	-1.15	47.49	5.36	Average	171	352
2	5150.00	67.86	74.00	-6.14	62.50	5.36	Peak	171	352
3	5350.00	47.31	54.00	-6.69	41.86	5.45	Average	171	352
4	5350.00	58.83	74.00	-15.17	53.38	5.45	Peak	171	352
5	10420.00	57.12	68.20	-11.08	41.01	16.11	Peak	163	177

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).

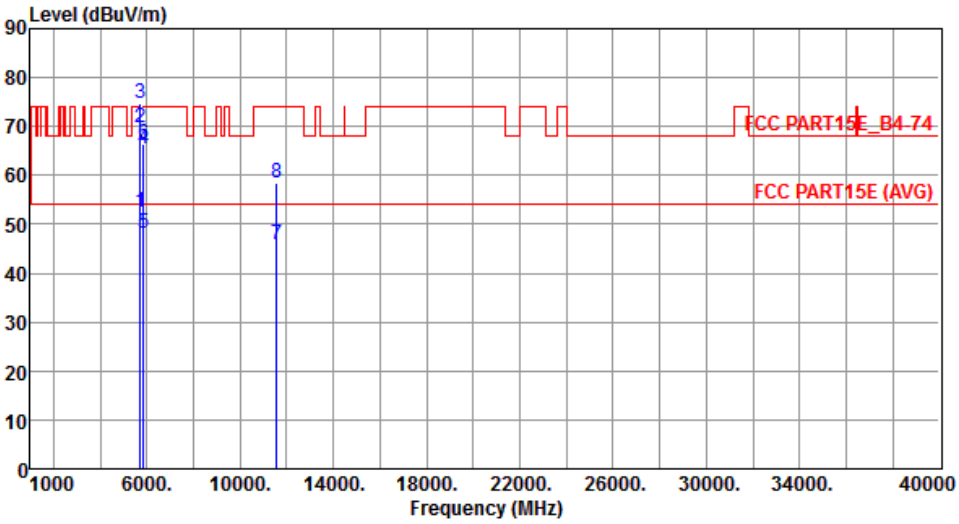
Modulation	VHT80	Test Freq. (MHz)	5775
Polarization	Horizontal	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	47.38	54.00	-6.62	41.82	5.56	Average	105	28
2	5715.00	64.19	74.00	-9.81	58.63	5.56	Peak	105	28
3	5725.00	64.74	78.20	-13.46	59.19	5.55	Peak	105	28
4	5850.00	60.51	78.20	-17.69	54.83	5.68	Peak	105	28
5	5860.00	47.08	54.00	-6.92	41.39	5.69	Average	105	28
6	5860.00	60.13	74.00	-13.87	54.44	5.69	Peak	105	28
7	11550.00	46.13	54.00	-7.87	28.90	17.23	Average	191	133
8	11550.00	59.67	74.00	-14.33	42.44	17.23	Peak	191	133

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	VHT80	Test Freq. (MHz)	5775
Polarization	Vertical	Test Configuration	4



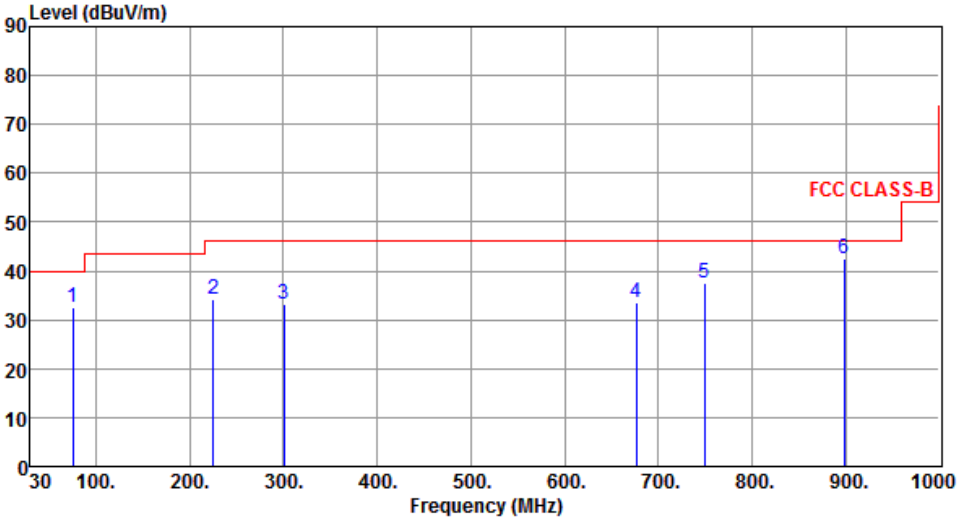
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	52.50	54.00	-1.50	46.94	5.56	Average	133	14
2	5715.00	69.65	74.00	-4.35	64.09	5.56	Peak	133	14
3	5725.00	74.61	78.20	-3.59	69.06	5.55	Peak	130	358
4	5850.00	65.43	78.20	-12.77	59.75	5.68	Peak	190	18
5	5860.00	48.28	54.00	-5.72	42.59	5.69	Average	190	18
6	5860.00	66.27	74.00	-7.73	60.58	5.69	Peak	190	18
7	11550.00	45.95	54.00	-8.05	28.72	17.23	Average	188	141
8	11550.00	58.37	74.00	-15.63	41.14	17.23	Peak	188	141

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).

Test Configuration 5: Omni antenna with 2dBi gain

3.5.24 Transmitter Radiated Unwanted Emissions (Below 1GHz)

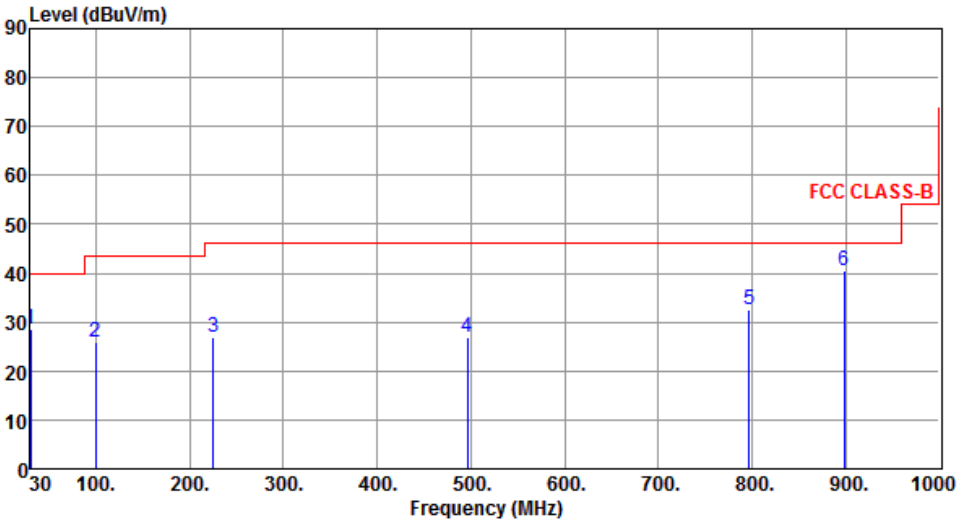
Modulation	11a	Test Freq. (MHz)	5200
Polarization	Horizontal	Test Configuration	5



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	75.59	32.50	40.00	-7.50	52.91	-20.41	Peak	---	---
2	224.97	34.24	46.00	-11.76	53.10	-18.86	Peak	---	---
3	300.63	33.33	46.00	-12.67	49.17	-15.84	Peak	---	---
4	676.99	33.50	46.00	-12.50	41.93	-8.43	Peak	---	---
5	749.74	37.39	46.00	-8.61	44.48	-7.09	Peak	---	---
6	898.15	42.66	46.00	-3.34	48.02	-5.36	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).
Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

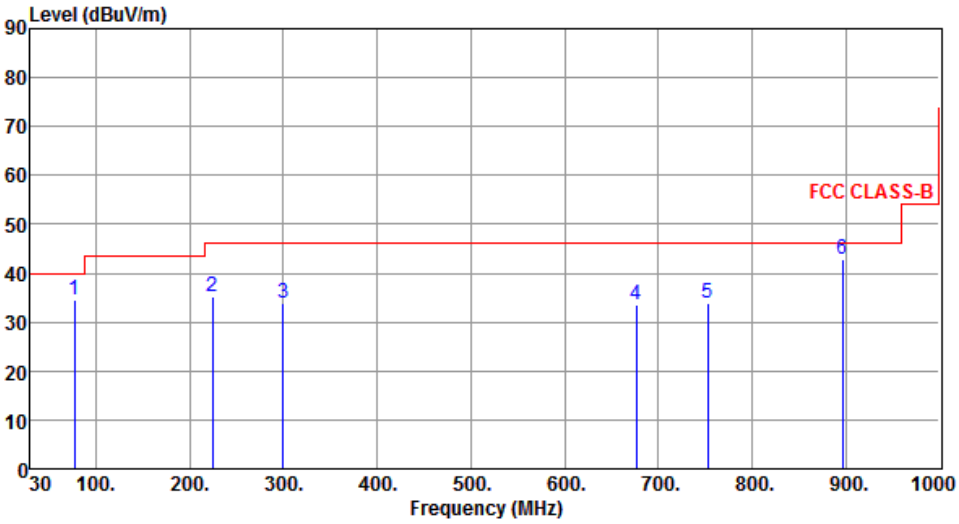
Modulation	11a	Test Freq. (MHz)	5200
Polarization	Vertical	Test Configuration	5



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	30.00	28.53	40.00	-11.47	46.34	-17.81	Peak	---	---
2	99.84	25.91	43.50	-17.59	47.26	-21.35	Peak	---	---
3	224.97	27.02	46.00	-18.98	45.88	-18.86	Peak	---	---
4	496.57	26.81	46.00	-19.19	38.09	-11.28	Peak	---	---
5	797.27	32.61	46.00	-13.39	39.27	-6.66	Peak	---	---
6	898.15	40.45	46.00	-5.55	45.81	-5.36	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).
Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

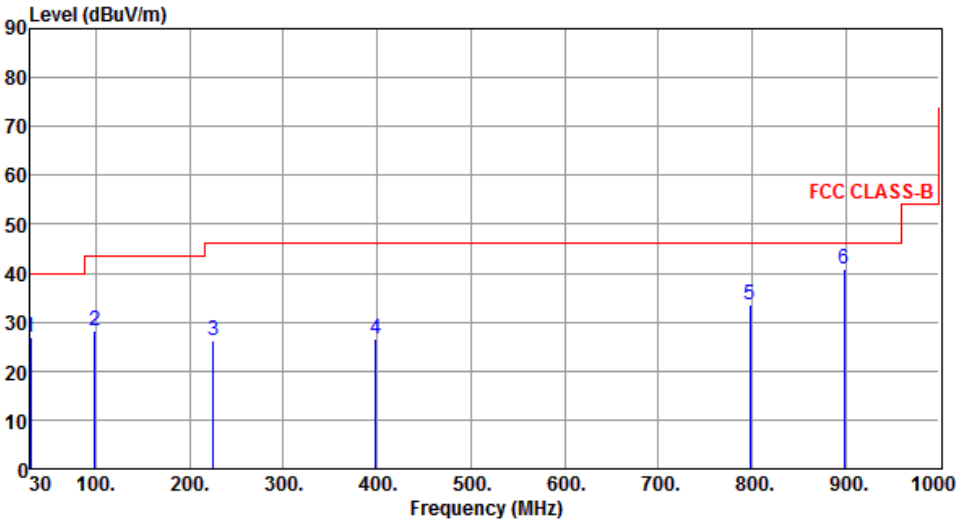
Modulation	11a	Test Freq. (MHz)	5785
Polarization	Horizontal	Test Configuration	5



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	77.53	34.55	40.00	-5.45	55.33	-20.78	Peak	---	---
2	224.00	35.20	46.00	-10.80	54.10	-18.90	Peak	---	---
3	299.66	33.75	46.00	-12.25	49.61	-15.86	Peak	---	---
4	676.99	33.62	46.00	-12.38	42.05	-8.43	Peak	---	---
5	752.65	34.03	46.00	-11.97	41.09	-7.06	Peak	---	---
6	896.21	42.68	46.00	-3.32	48.08	-5.40	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).
Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

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

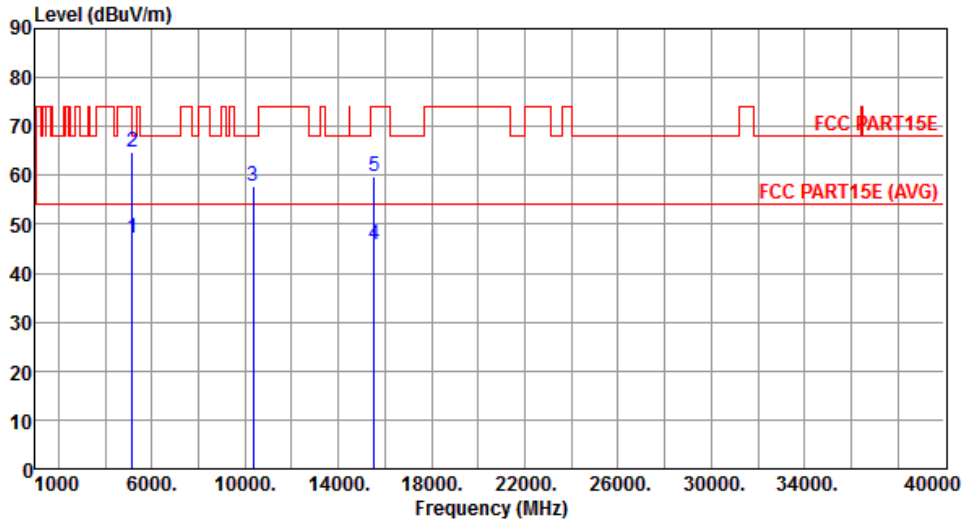


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	30.00	26.83	40.00	-13.17	44.64	-17.81	Peak	---	---
2	98.87	28.13	43.50	-15.37	49.63	-21.50	Peak	---	---
3	224.97	26.37	46.00	-19.63	45.23	-18.86	Peak	---	---
4	398.60	26.53	46.00	-19.47	40.06	-13.53	Peak	---	---
5	798.24	33.58	46.00	-12.42	40.23	-6.65	Peak	---	---
6	898.15	40.92	46.00	-5.08	46.28	-5.36	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).
Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

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

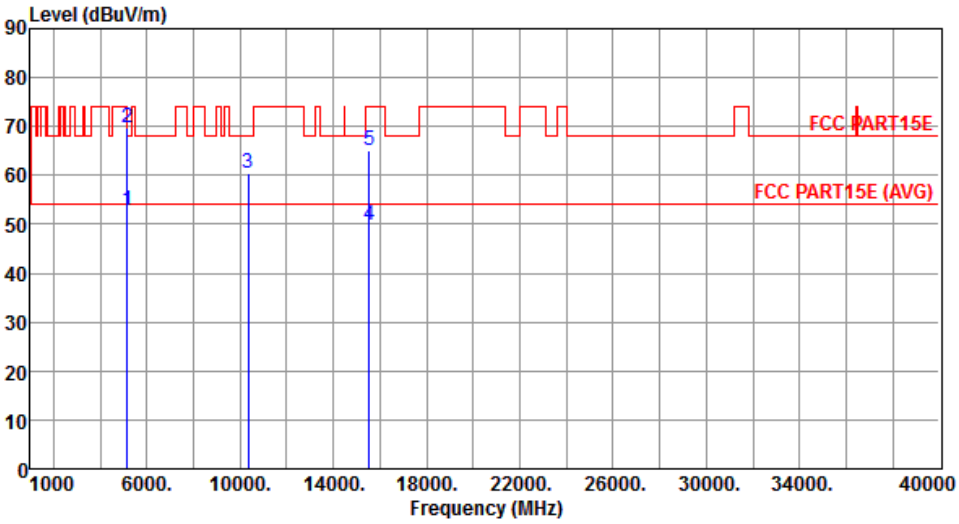
Modulation	11a	Test Freq. (MHz)	5180
Polarization	Horizontal	Test Configuration	5



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	47.21	54.00	-6.79	41.66	5.55	Average	268	247
2	5150.00	64.66	74.00	-9.34	59.11	5.55	Peak	268	247
3	10360.00	57.85	68.20	-10.35	42.43	15.42	Peak	223	296
4	15540.00	45.73	54.00	-8.27	29.96	15.77	Average	231	177
5	15540.00	59.75	74.00	-14.25	43.98	15.77	Peak	231	177

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).

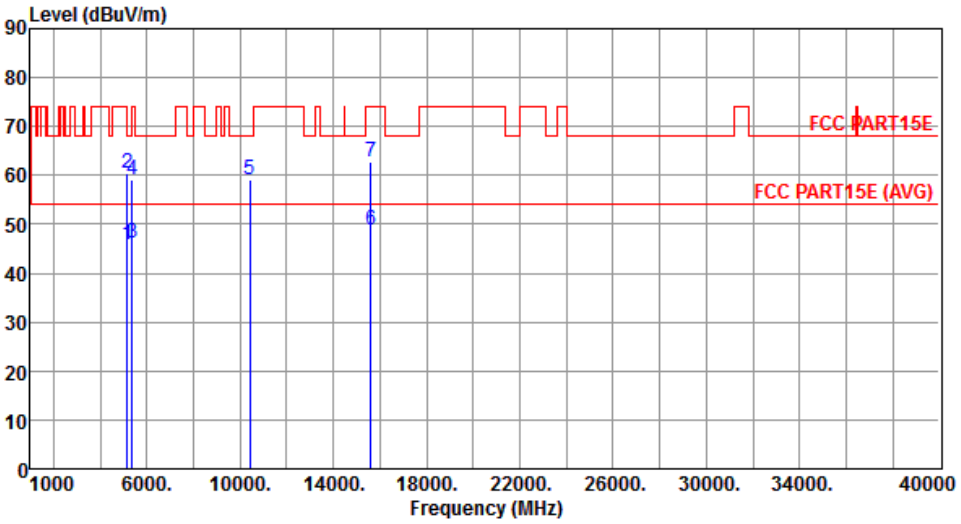
Modulation	11a	Test Freq. (MHz)	5180
Polarization	Vertical	Test Configuration	5



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	52.65	54.00	-1.35	47.10	5.55	Average	236	250
2	5150.00	69.66	74.00	-4.34	64.11	5.55	Peak	236	250
3	10360.00	60.44	68.20	-7.76	45.02	15.42	Peak	305	177
4	15540.00	49.78	54.00	-4.22	34.01	15.77	Average	249	193
5	15540.00	65.03	74.00	-8.97	49.26	15.77	Peak	249	193

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).

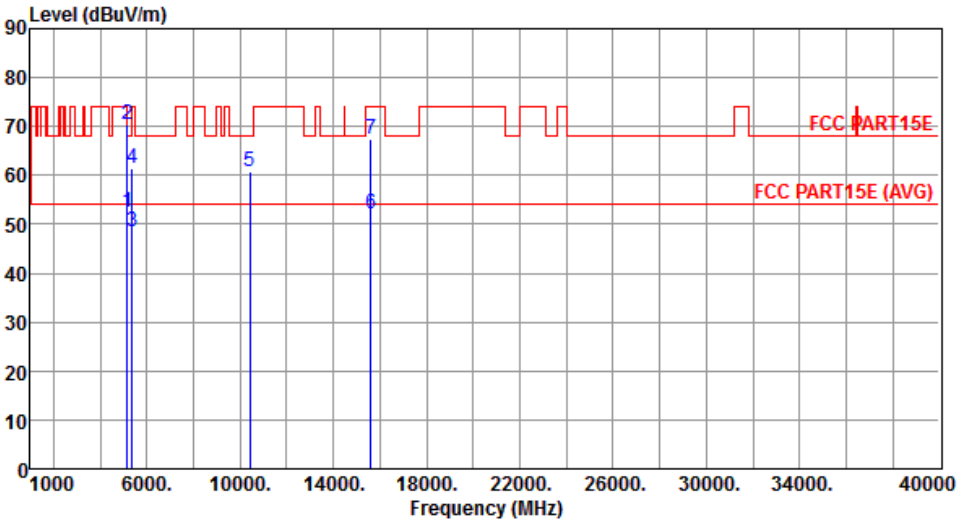
Modulation	11a	Test Freq. (MHz)	5200
Polarization	Horizontal	Test Configuration	5



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	45.90	54.00	-8.10	40.35	5.55	Average	246	224
2	5150.00	60.44	74.00	-13.56	54.89	5.55	Peak	246	224
3	5350.00	46.29	54.00	-7.71	40.62	5.67	Average	246	224
4	5350.00	59.14	74.00	-14.86	53.47	5.67	Peak	246	224
5	10400.00	59.12	68.20	-9.08	43.55	15.57	Peak	221	275
6	15600.00	48.78	54.00	-5.22	33.26	15.52	Average	236	174
7	15600.00	62.83	74.00	-11.17	47.31	15.52	Peak	236	174

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).

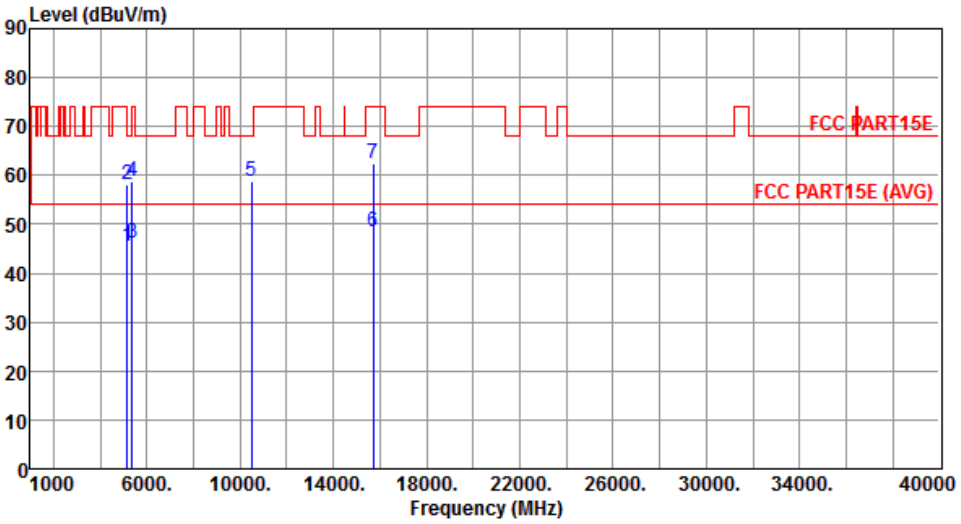
Modulation	11a	Test Freq. (MHz)	5200
Polarization	Vertical	Test Configuration	5



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	52.40	54.00	-1.60	46.85	5.55	Average	360	25
2	5150.00	70.56	74.00	-3.44	65.01	5.55	Peak	360	25
3	5350.00	48.40	54.00	-5.60	42.73	5.67	Average	356	27
4	5350.00	61.52	74.00	-12.48	55.85	5.67	Peak	356	27
5	10400.00	60.85	68.20	-7.35	45.28	15.57	Peak	302	174
6	15600.00	51.99	54.00	-2.01	36.47	15.52	Average	243	196
7	15600.00	67.28	74.00	-6.72	51.76	15.52	Peak	243	196

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).

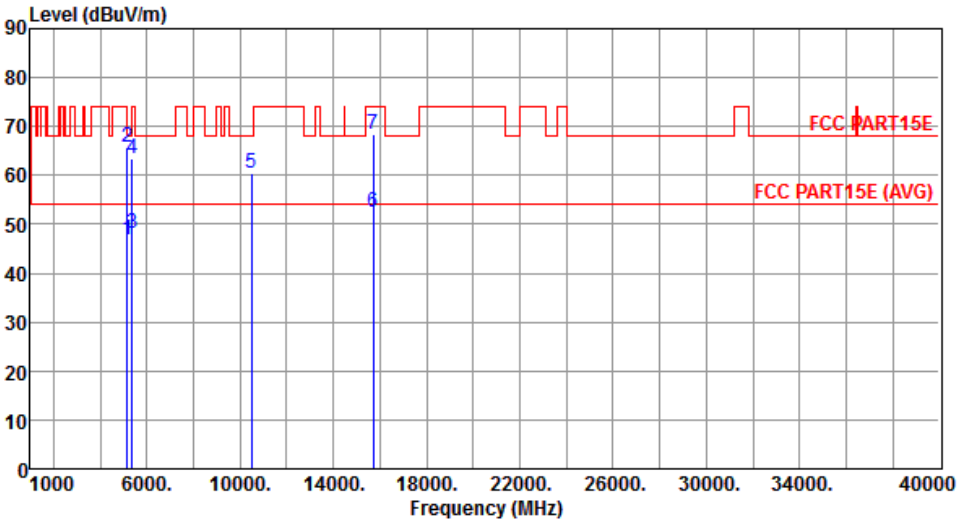
Modulation	11a	Test Freq. (MHz)	5240
Polarization	Horizontal	Test Configuration	5



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	45.61	54.00	-8.39	40.06	5.55	Average	100	117
2	5150.00	58.24	74.00	-15.76	52.69	5.55	Peak	100	117
3	5350.00	46.20	54.00	-7.80	40.53	5.67	Average	100	117
4	5350.00	58.82	74.00	-15.18	53.15	5.67	Peak	100	117
5	10480.00	58.84	68.20	-9.36	42.96	15.88	Peak	226	283
6	15720.00	48.50	54.00	-5.50	33.46	15.04	Average	229	184
7	15720.00	62.55	74.00	-11.45	47.51	15.04	Peak	229	184

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).

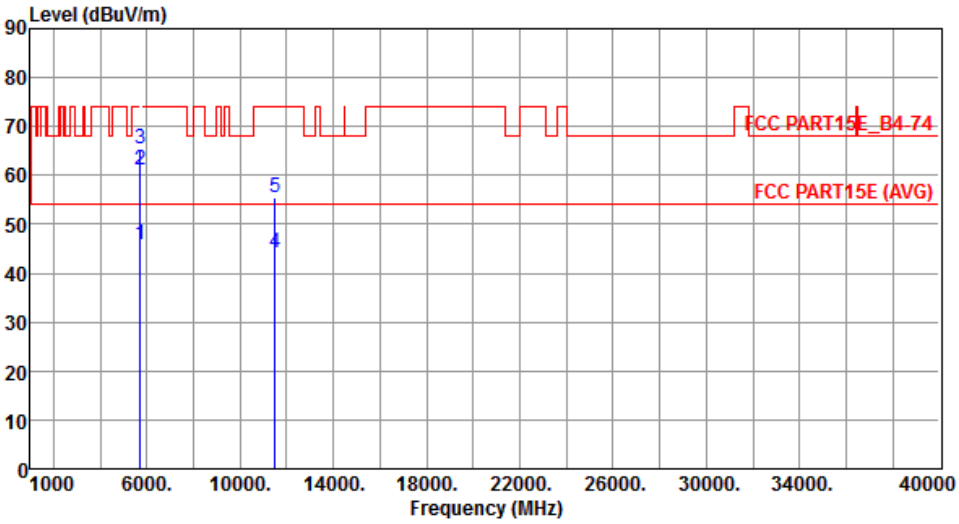
Modulation	11a	Test Freq. (MHz)	5240
Polarization	Vertical	Test Configuration	5



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	46.81	54.00	-7.19	41.26	5.55	Average	329	162
2	5150.00	65.80	74.00	-8.20	60.25	5.55	Peak	329	162
3	5350.00	48.31	54.00	-5.69	42.64	5.67	Average	329	162
4	5350.00	63.52	74.00	-10.48	57.85	5.67	Peak	329	162
5	10480.00	60.33	68.20	-7.87	44.45	15.88	Peak	316	184
6	15720.00	52.63	54.00	-1.37	37.59	15.04	Average	316	184
7	15720.00	68.44	74.00	-5.56	53.40	15.04	Peak	316	184

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).

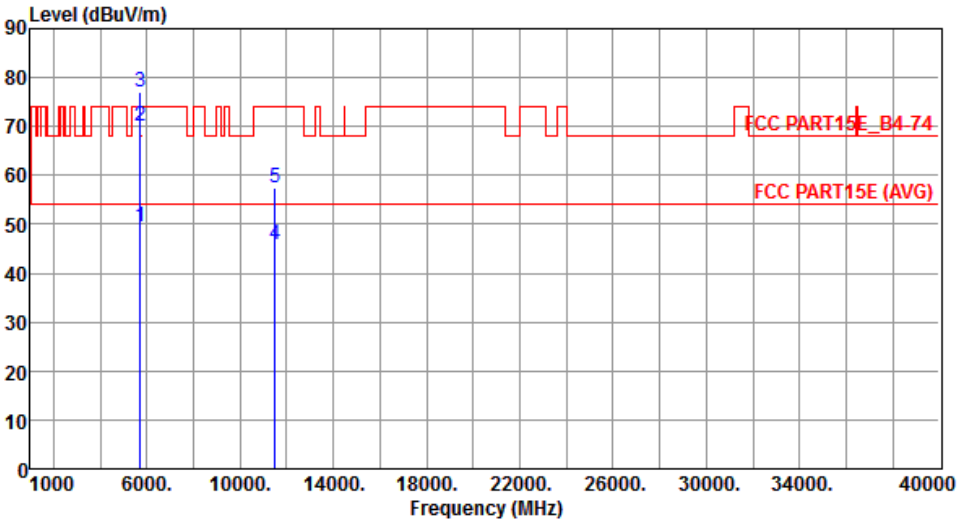
Modulation	11a	Test Freq. (MHz)	5745
Polarization	Horizontal	Test Configuration	5



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	45.91	54.00	-8.09	40.16	5.75	Average	285	55
2	5715.00	60.96	74.00	-13.04	55.21	5.75	Peak	285	55
3	5725.00	65.40	78.20	-12.80	59.67	5.73	Peak	285	55
4	11490.00	44.23	54.00	-9.77	28.31	15.92	Average	335	261
5	11490.00	55.56	74.00	-18.44	39.64	15.92	Peak	335	261

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).

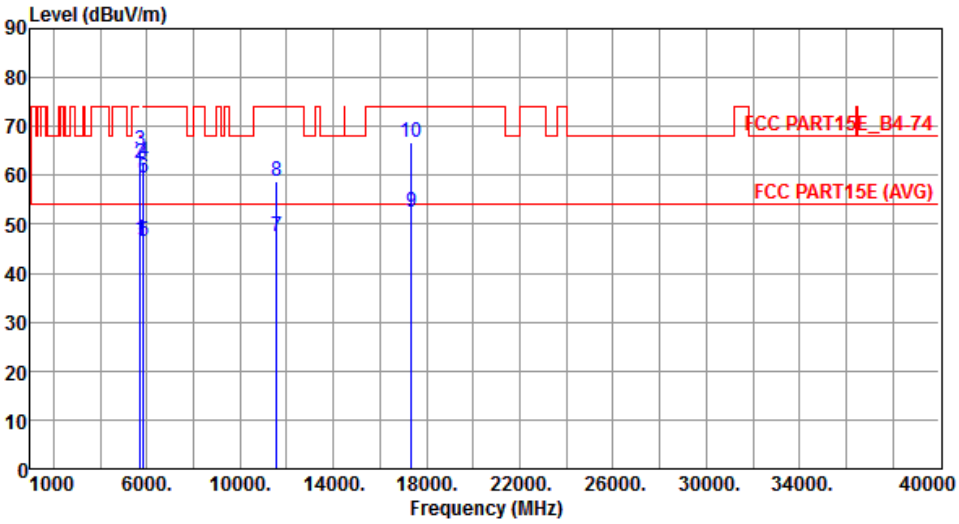
Modulation	11a	Test Freq. (MHz)	5745
Polarization	Vertical	Test Configuration	5



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	49.42	54.00	-4.58	43.67	5.75	Average	293	129
2	5715.00	70.07	74.00	-3.93	64.32	5.75	Peak	293	129
3	5725.00	76.90	78.20	-1.30	71.17	5.73	Peak	305	146
4	11490.00	45.75	54.00	-8.25	29.83	15.92	Average	222	351
5	11490.00	57.33	74.00	-16.67	41.41	15.92	Peak	222	351

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).

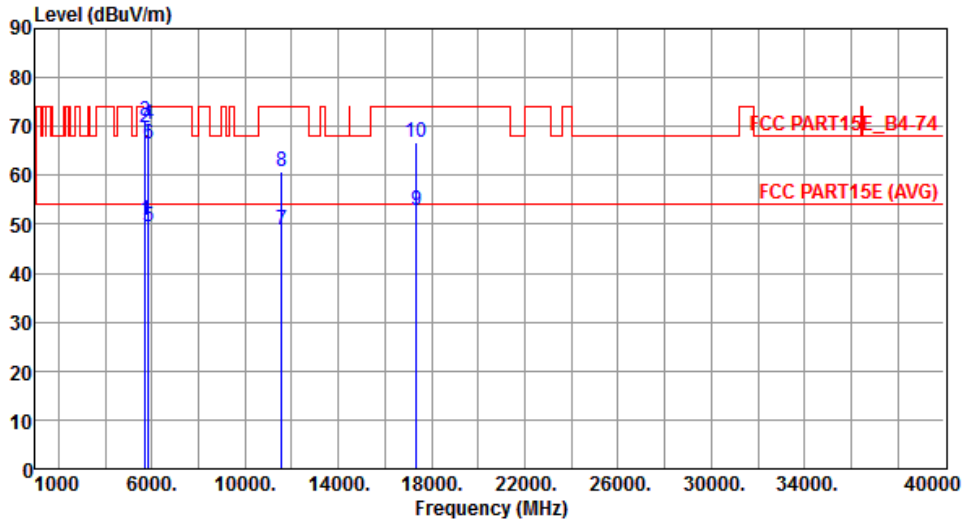
Modulation	11a	Test Freq. (MHz)	5785
Polarization	Horizontal	Test Configuration	5



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	46.85	54.00	-7.15	41.10	5.75	Average	259	251
2	5715.00	62.45	74.00	-11.55	56.70	5.75	Peak	259	251
3	5725.00	65.19	78.20	-13.01	59.46	5.73	Peak	259	251
4	5850.00	62.66	78.20	-15.54	56.83	5.83	Peak	259	251
5	5860.00	46.42	54.00	-7.58	40.58	5.84	Average	259	251
6	5860.00	59.45	74.00	-14.55	53.61	5.84	Peak	259	251
7	11570.00	47.47	54.00	-6.53	31.72	15.75	Average	331	265
8	11570.00	58.68	74.00	-15.32	42.93	15.75	Peak	331	265
9	17355.00	52.57	54.00	-1.43	32.90	19.67	Average	331	196
10	17355.00	66.84	74.00	-7.16	47.17	19.67	Peak	331	196

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).

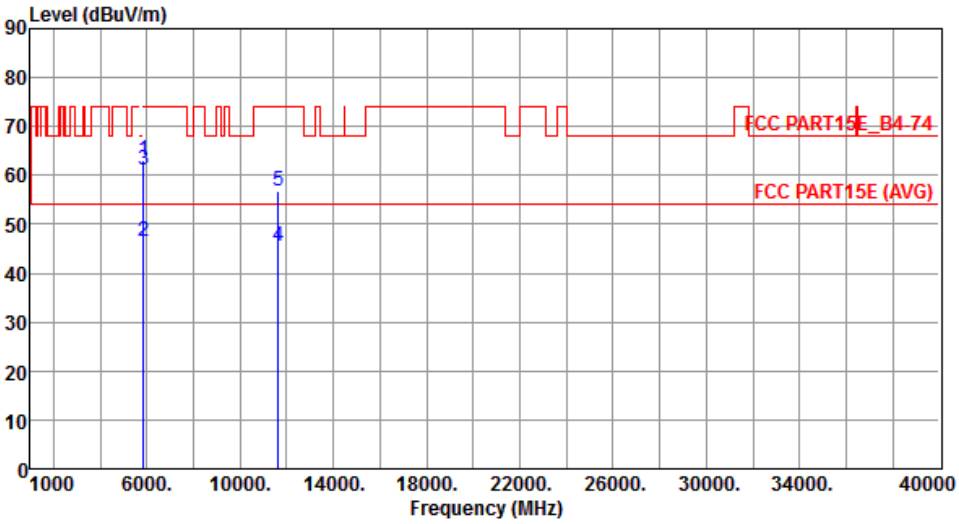
Modulation	11a	Test Freq. (MHz)	5785
Polarization	Vertical	Test Configuration	5



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	50.97	54.00	-3.03	45.22	5.75	Average	294	32
2	5715.00	69.66	74.00	-4.34	63.91	5.75	Peak	294	32
3	5725.00	71.15	78.20	-7.05	65.42	5.73	Peak	294	32
4	5850.00	70.50	78.20	-7.70	64.67	5.83	Peak	282	267
5	5860.00	49.59	54.00	-4.41	43.75	5.84	Average	282	267
6	5860.00	66.33	74.00	-7.67	60.49	5.84	Peak	282	267
7	11570.00	48.83	54.00	-5.17	33.08	15.75	Average	219	355
8	11570.00	60.66	74.00	-13.34	44.91	15.75	Peak	219	355
9	17355.00	52.73	54.00	-1.27	33.06	19.67	Average	352	173
10	17355.00	66.79	74.00	-7.21	47.12	19.67	Peak	352	173

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).

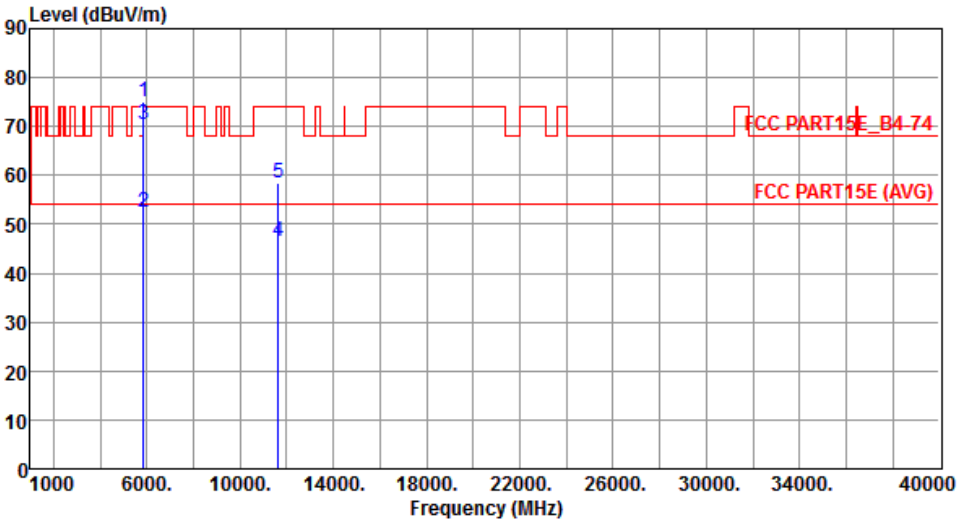
Modulation	11a	Test Freq. (MHz)	5825
Polarization	Horizontal	Test Configuration	5



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5850.00	63.20	78.20	-15.00	57.37	5.83	Peak	265	238
2	5860.00	46.47	54.00	-7.53	40.63	5.84	Average	265	238
3	5860.00	60.95	74.00	-13.05	55.11	5.84	Peak	265	238
4	11650.00	45.56	54.00	-8.44	30.02	15.54	Average	330	267
5	11650.00	56.73	74.00	-17.27	41.19	15.54	Peak	330	267

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

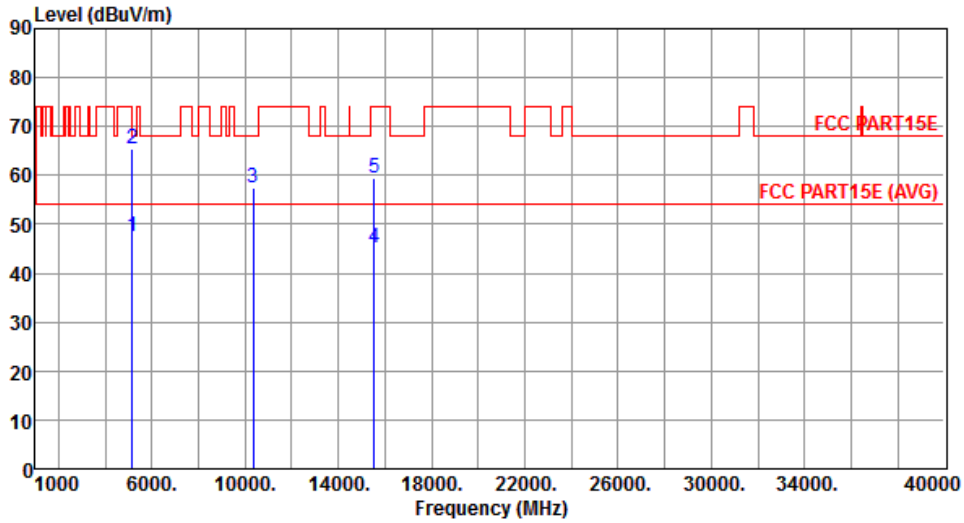


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5850.00	75.08	78.20	-3.12	69.25	5.83	Peak	309	143
2	5860.00	52.39	54.00	-1.61	46.55	5.84	Average	309	143
3	5860.00	70.40	74.00	-3.60	64.56	5.84	Peak	309	143
4	11650.00	46.57	54.00	-7.43	31.03	15.54	Average	229	355
5	11650.00	58.40	74.00	-15.60	42.86	15.54	Peak	229	355

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).

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

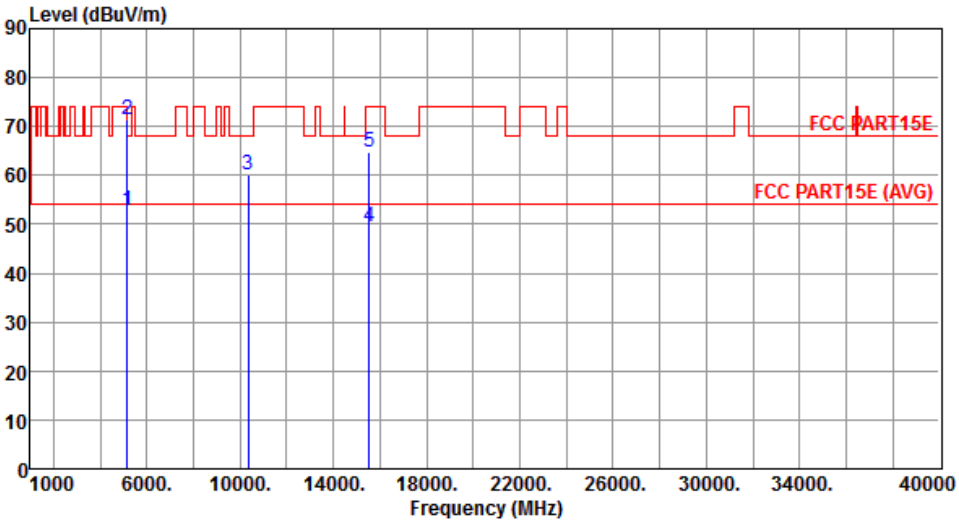
Modulation	VHT20	Test Freq. (MHz)	5180
Polarization	Horizontal	Test Configuration	5



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	47.56	54.00	-6.44	42.01	5.55	Average	263	244
2	5150.00	65.30	74.00	-8.70	59.75	5.55	Peak	263	244
3	10360.00	57.36	68.20	-10.84	41.94	15.42	Peak	228	291
4	15540.00	45.22	54.00	-8.78	29.45	15.77	Average	235	174
5	15540.00	59.41	74.00	-14.59	43.64	15.77	Peak	235	174

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).

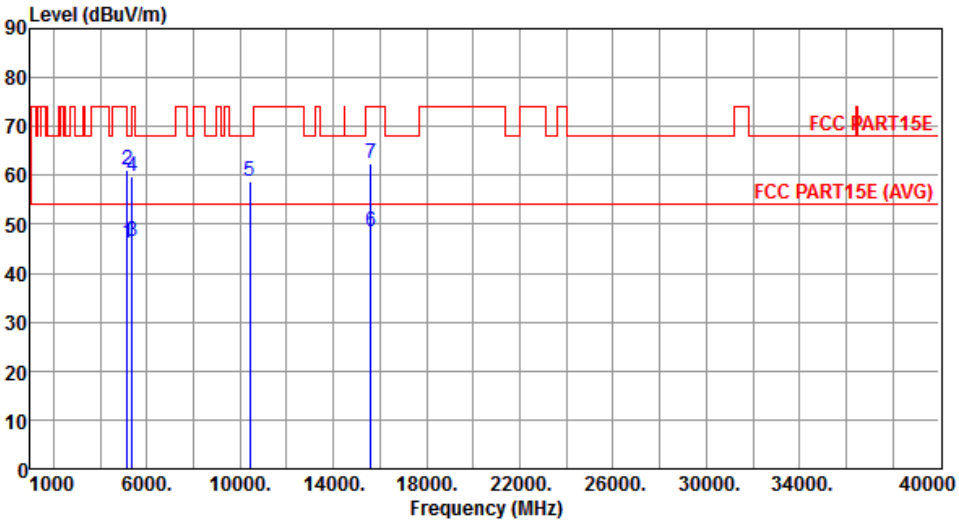
Modulation	VHT20	Test Freq. (MHz)	5180
Polarization	Vertical	Test Configuration	5



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	52.82	54.00	-1.18	47.27	5.55	Average	263	159
2	5150.00	71.52	74.00	-2.48	65.97	5.55	Peak	263	159
3	10360.00	60.11	68.20	-8.09	44.69	15.42	Peak	296	179
4	15540.00	49.42	54.00	-4.58	33.65	15.77	Average	244	188
5	15540.00	64.65	74.00	-9.35	48.88	15.77	Peak	244	188

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).

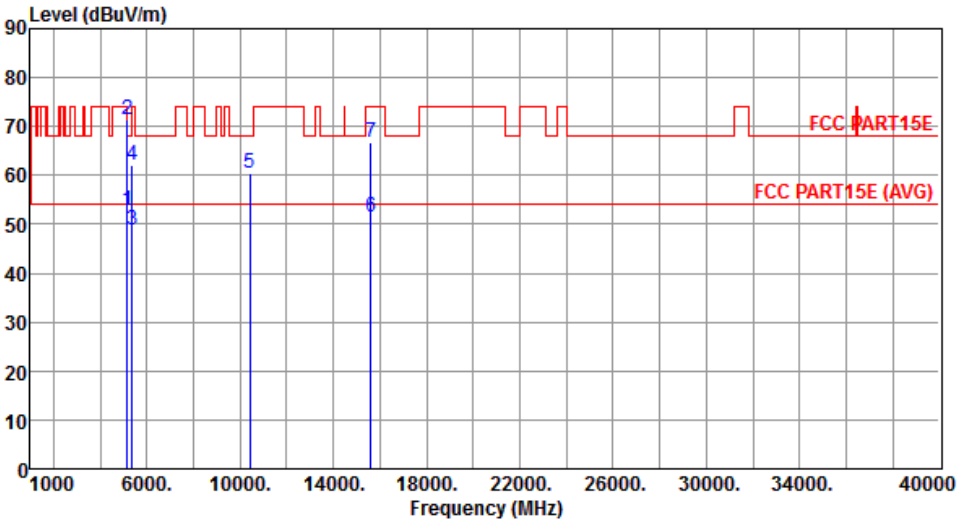
Modulation	VHT20	Test Freq. (MHz)	5200
Polarization	Horizontal	Test Configuration	5



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	46.23	54.00	-7.77	40.68	5.55	Average	233	242
2	5150.00	61.09	74.00	-12.91	55.54	5.55	Peak	233	242
3	5350.00	46.55	54.00	-7.45	40.88	5.67	Average	233	242
4	5350.00	59.80	74.00	-14.20	54.13	5.67	Peak	233	242
5	10400.00	58.81	68.20	-9.39	43.24	15.57	Peak	225	274
6	15600.00	48.43	54.00	-5.57	32.91	15.52	Average	233	178
7	15600.00	62.32	74.00	-11.68	46.80	15.52	Peak	233	178

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).

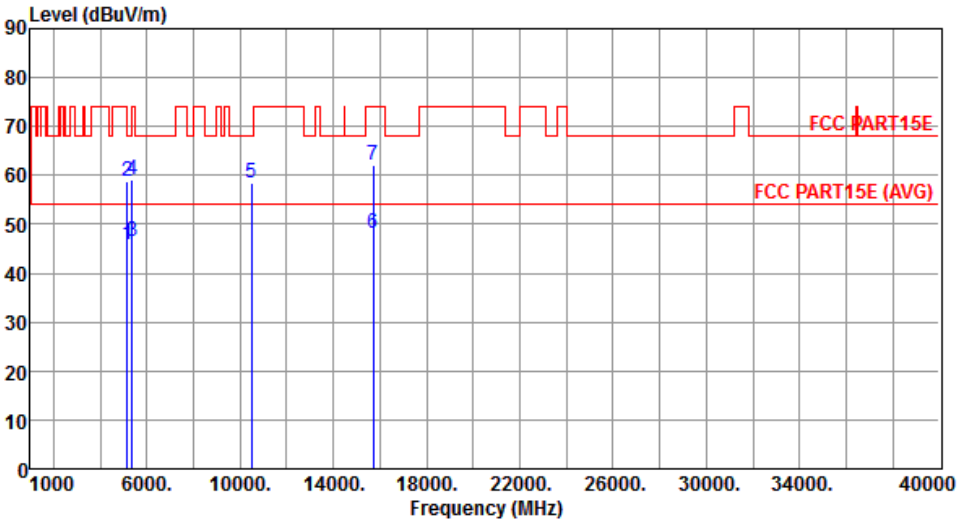
Modulation	VHT20	Test Freq. (MHz)	5200
Polarization	Vertical	Test Configuration	5



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	52.92	54.00	-1.08	47.37	5.55	Average	272	33
2	5150.00	71.35	74.00	-2.65	65.80	5.55	Peak	272	33
3	5350.00	48.70	54.00	-5.30	43.03	5.67	Average	355	22
4	5350.00	61.96	74.00	-12.04	56.29	5.67	Peak	355	22
5	10400.00	60.44	68.20	-7.76	44.87	15.57	Peak	308	179
6	15600.00	51.45	54.00	-2.55	35.93	15.52	Average	248	194
7	15600.00	66.78	74.00	-7.22	51.26	15.52	Peak	248	194

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).

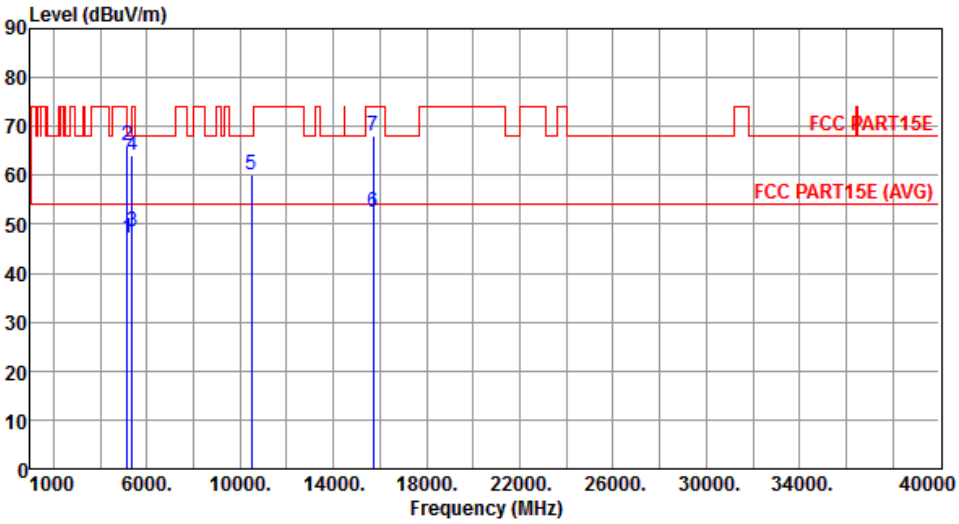
Modulation	VHT20	Test Freq. (MHz)	5240
Polarization	Horizontal	Test Configuration	5



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	45.96	54.00	-8.04	40.41	5.55	Average	100	114
2	5150.00	58.78	74.00	-15.22	53.23	5.55	Peak	100	114
3	5350.00	46.53	54.00	-7.47	40.86	5.67	Average	100	114
4	5350.00	59.14	74.00	-14.86	53.47	5.67	Peak	100	114
5	10480.00	58.42	68.20	-9.78	42.54	15.88	Peak	223	288
6	15720.00	48.26	54.00	-5.74	33.22	15.04	Average	224	182
7	15720.00	62.23	74.00	-11.77	47.19	15.04	Peak	224	182

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).

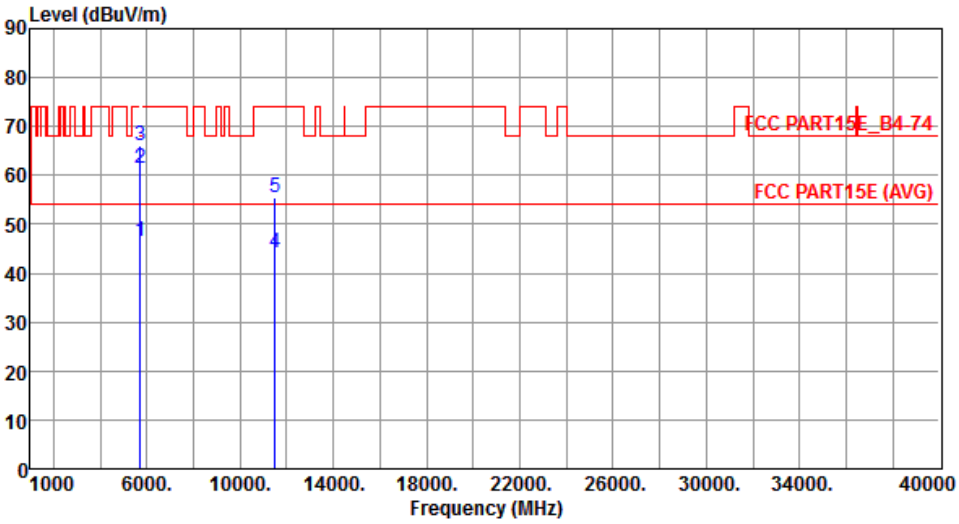
Modulation	VHT20	Test Freq. (MHz)	5240
Polarization	Vertical	Test Configuration	5



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	47.15	54.00	-6.85	41.60	5.55	Average	324	167
2	5150.00	66.07	74.00	-7.93	60.52	5.55	Peak	324	167
3	5350.00	48.62	54.00	-5.38	42.95	5.67	Average	324	167
4	5350.00	63.96	74.00	-10.04	58.29	5.67	Peak	324	167
5	10480.00	59.95	68.20	-8.25	44.07	15.88	Peak	315	188
6	15720.00	52.49	54.00	-1.51	37.45	15.04	Average	308	179
7	15720.00	68.00	74.00	-6.00	52.96	15.04	Peak	308	179

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).

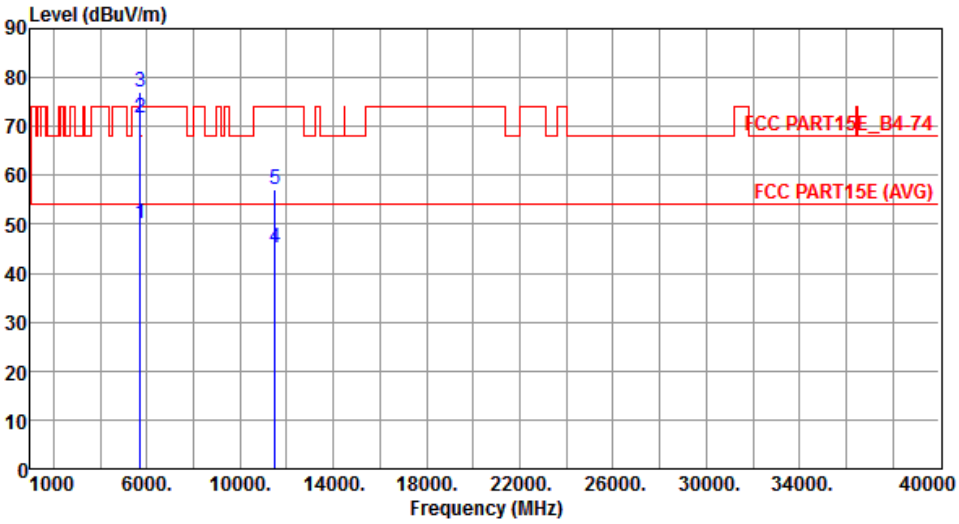
Modulation	VHT20	Test Freq. (MHz)	5745
Polarization	Horizontal	Test Configuration	5



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	46.53	54.00	-7.47	40.78	5.75	Average	284	59
2	5715.00	61.43	74.00	-12.57	55.68	5.75	Peak	284	59
3	5725.00	66.02	78.20	-12.18	60.29	5.73	Peak	284	59
4	11490.00	44.10	54.00	-9.90	28.18	15.92	Average	331	255
5	11490.00	55.43	74.00	-18.57	39.51	15.92	Peak	331	255

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).

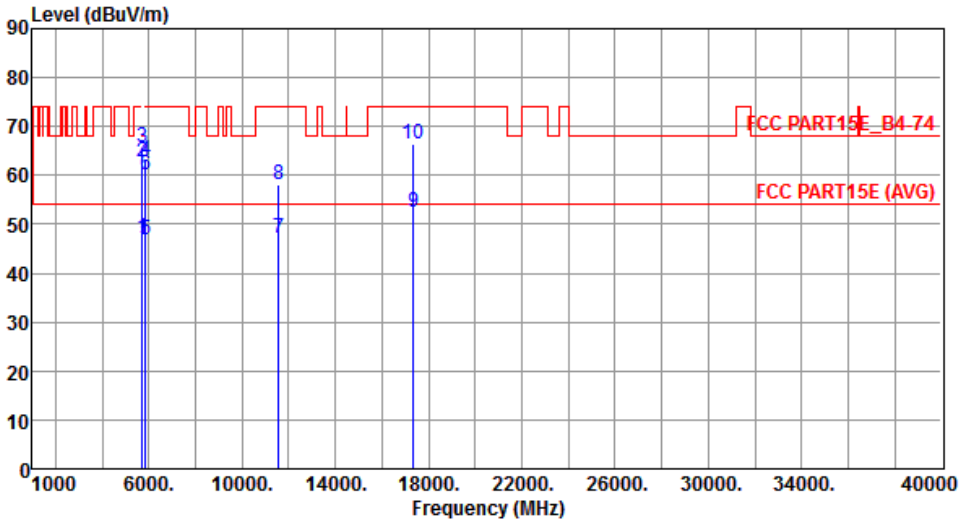
Modulation	VHT20	Test Freq. (MHz)	5745
Polarization	Vertical	Test Configuration	5



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	50.29	54.00	-3.71	44.54	5.75	Average	293	129
2	5715.00	71.75	74.00	-2.25	66.00	5.75	Peak	293	129
3	5725.00	77.01	78.20	-1.19	71.28	5.73	Peak	314	121
4	11490.00	45.15	54.00	-8.85	29.23	15.92	Average	223	341
5	11490.00	56.98	74.00	-17.02	41.06	15.92	Peak	223	341

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).

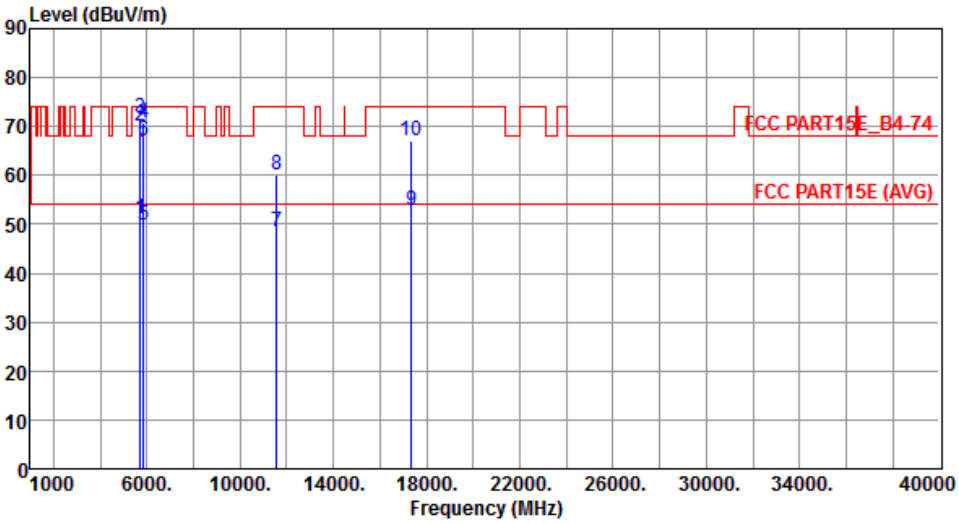
Modulation	VHT20	Test Freq. (MHz)	5785
Polarization	Horizontal	Test Configuration	5



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	47.12	54.00	-6.88	41.37	5.75	Average	253	255
2	5715.00	62.78	74.00	-11.22	57.03	5.75	Peak	253	255
3	5725.00	65.79	78.20	-12.41	60.06	5.73	Peak	253	255
4	5850.00	62.94	78.20	-15.26	57.11	5.83	Peak	253	255
5	5860.00	46.87	54.00	-7.13	41.03	5.84	Average	253	255
6	5860.00	59.99	74.00	-14.01	54.15	5.84	Peak	253	255
7	11570.00	47.11	54.00	-6.89	31.36	15.75	Average	339	266
8	11570.00	58.27	74.00	-15.73	42.52	15.75	Peak	339	266
9	17355.00	52.43	54.00	-1.57	32.76	19.67	Average	328	192
10	17355.00	66.42	74.00	-7.58	46.75	19.67	Peak	328	192

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).

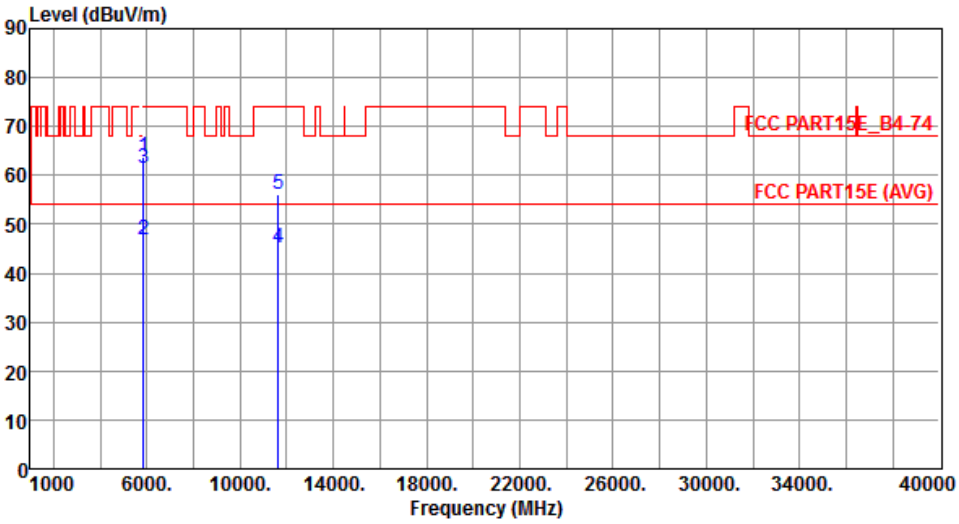
Modulation	VHT20	Test Freq. (MHz)	5785
Polarization	Vertical	Test Configuration	5



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	51.30	54.00	-2.70	45.55	5.75	Average	297	35
2	5715.00	70.10	74.00	-3.90	64.35	5.75	Peak	297	35
3	5725.00	71.89	78.20	-6.31	66.16	5.73	Peak	297	35
4	5850.00	70.87	78.20	-7.33	65.04	5.83	Peak	285	261
5	5860.00	49.93	54.00	-4.07	44.09	5.84	Average	285	261
6	5860.00	66.96	74.00	-7.04	61.12	5.84	Peak	285	261
7	11570.00	48.46	54.00	-5.54	32.71	15.75	Average	214	351
8	11570.00	60.23	74.00	-13.77	44.48	15.75	Peak	214	351
9	17355.00	52.79	54.00	-1.21	33.12	19.67	Average	313	177
10	17355.00	67.02	74.00	-6.98	47.35	19.67	Peak	313	177

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).

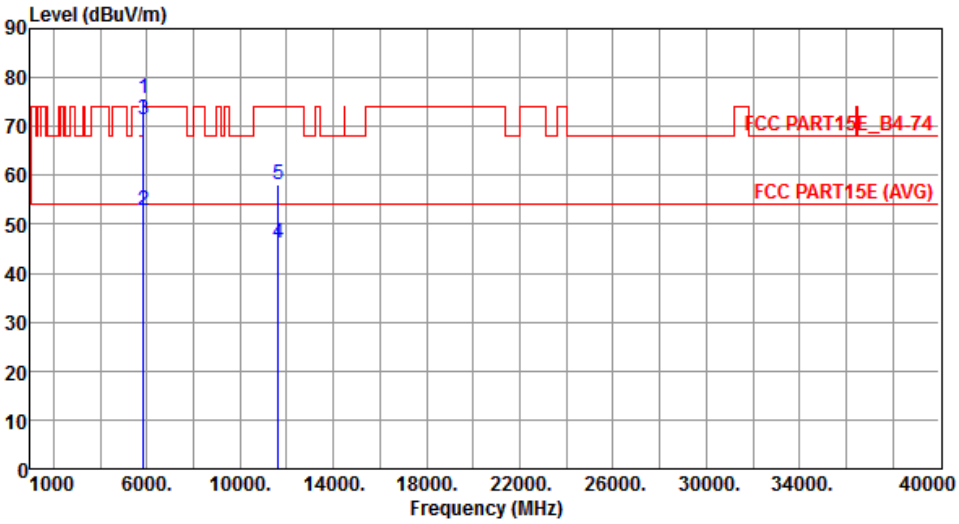
Modulation	VHT20	Test Freq. (MHz)	5825
Polarization	Horizontal	Test Configuration	5



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5850.00	63.64	78.20	-14.56	57.81	5.83	Peak	261	231
2	5860.00	46.98	54.00	-7.02	41.14	5.84	Average	261	231
3	5860.00	61.43	74.00	-12.57	55.59	5.84	Peak	261	231
4	11650.00	45.12	54.00	-8.88	29.58	15.54	Average	334	268
5	11650.00	56.24	74.00	-17.76	40.70	15.54	Peak	334	268

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	5850.00	75.62	78.20	-2.58	69.79	5.83	Peak	290	138
2	5860.00	52.82	54.00	-1.18	46.98	5.84	Average	319	153
3	5860.00	71.55	74.00	-2.45	65.71	5.84	Peak	319	153
4	11650.00	46.12	54.00	-7.88	30.58	15.54	Average	223	351
5	11650.00	58.03	74.00	-15.97	42.49	15.54	Peak	223	351

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).