FCC Test Report

FCC ID	:	**NKR-DHUBW69**
Equipment	:	**802.11 abgn/ac 2x2 module with BT**
Model No.	:	**DHUB-W69**
Brand Name	:	**WNC**
Applicant	:	**Wistron NeWeb Corp.**
Address	:	**20 Park Avenue II, Hsinchu Science Park, Hsinchu 308, Taiwan, R.O.C.**
Standard	:	**47 CFR FCC Part 15.407**
Received Date	:	**Dec. 16, 2015**
Tested Date	:	**Jan. 06 ~ Jan. 27, 2016**

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
FR5D1601AN	Rev. 01	Initial issue	Feb. 05, 2016
FR5D1601AN	Rev. 02	Modified type error for frequency	Feb. 08, 2016

Summary of Test Results

FCC Rules	Test Items	Measured	Result
15.207	Conducted Emissions	[dBuV]: 0.159MHz 41.95 (Margin -13.57dB) - AV	Pass
15.407(b) 15.209	Radiated Emissions	[dBuV/m at 3m]: 5715.00MHz 53.79 (Margin -0.21dB) - AV	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: 21.66 5250~5350MHz: 21.87 5470~5725MHz: 21.66 5725~5850MHz: 20.10	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

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 5250-5350 5470-5725 5725-5850	a	5180-5240 5260-5320 5500-5720 5745-5825	36-48 [4] 52-64 [4] 100-144 [9] 149-165 [5]	2	6-54 Mbps
5150-5250 5250-5350 5470-5725 5725-5850	n (HT20)	5180-5240 5260-5320 5500-5720 5745-5825	36-48 [4] 52-64 [4] 100-144 [9] 149-165 [5]	2	MCS 0-15
5150-5250 5250-5350 5470-5725 5725-5850	n (HT40)	5190-5230 5270-5310 5510-5710 5755-5795	38-46 [2] 54-62 [2] 102-142 [4] 151-159 [2]	2	MCS 0-15
5150-5250 5250-5350 5470-5725 5725-5850	ac (VHT20)	5180-5240 5260-5320 5500-5720 5745-5825	36-48 [4] 52-64 [4] 100-144 [9] 149-165 [5]	2	MCS 0-8
5150-5250 5250-5350 5470-5725 5725-5850	ac (VHT40)	5190-5230 5270-5310 5510-5710 5755-5795	38-46 [2] 54-62 [2] 102-142 [4] 151-159 [2]	2	MCS 0-9
5150-5250 5250-5350 5470-5725 5725-5850	ac (VHT80)	5210 5290 5530~5690 5775	42 [1] 58 [1] 106-138 [2] 155 [1]	2	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	Type	Connector	Operating Frequency (MHz) / Gain (dBi)					Cable length (mm)
				2400~2483.5	5150~5250	5250~5350	5470~5725	5725~5850	
1	on board antenna	PIFA	---	2.14	3.8	4.4	4.8	3.3	---
2	E48u (Black cable)	PIFA	U.FL	2.51	3.62	3.68	3.18	2.06	240
	E48u (White cable)	PIFA	U.FL	2.11	2.92	2.98	2.48	1.36	410
3	E55u (Black cable)	PIFA	U.FL	2.11	3.02	3.08	2.58	1.46	380
	E55u (White cable)	PIFA	U.FL	2.61	3.82	3.88	3.38	2.26	210
4	M55 (Black cable)	PIFA	U.FL	-0.72	2.55	2.83	2.66	2.9	550
	M55 (White cable)	PIFA	U.FL	-0.22	3.45	3.73	3.56	3.8	360
5	M65 (Black cable)	PIFA	U.FL	1.11	1.12	1.18	0.68	-0.44	790
	M65 (White cable)	PIFA	U.FL	1.81	2.32	2.38	1.88	0.76	530

1.1.3 Power Supply Type of Equipment under Test (EUT)

Power Supply Type	5Vdc from host

1.1.4 Accessories

N/A

1.1.5 Channel List

802.11 a / HT20 / VHT20		HT40 / VHT40	
Channel	Frequency(MHz)	Channel	Frequency(MHz)
36	5180	38	5190
40	5200	46	5230
44	5220	54	5270
48	5240	62	5310
52	5260	102	5510
56	5280	110	5550
60	5300	134	5670
64	5320	142	5710
100	5500	151	5755
104	5520	159	5795
108	5540	VHT80	
112	5560	42	5210
116	5580	58	5290
132	5660	106	5530
136	5680	138	5690
140	5700	155	5775
144	5720	---	---
149	5745	---	---
153	5765	---	---
157	5785	---	---
161	5805	---	---
165	5825	---	---

1.1.6 Test Tool and Duty Cycle

Test Tool	Mtool, V2.0.1.1		
Duty Cycle and Duty Factor	Mode	Duty cycle (%)	Duty factor (dB)
	11a	99.29%	0.03
	VHT20	99.49%	0.02
	VHT40	98.77%	0.05
	VHT80	96.57%	0.15

1.1.7 Power Setting

For Frequency band 5150-5250 MHz		
Modulation Mode	**Test Frequency (MHz)**	**Power Set**
11a	5180	66
11a	5200	80
11a	5240	80
HT20	5180	66
HT20	5200	80
HT20	5240	80
HT40	5190	50
HT40	5230	80
VHT20	5180	66
VHT20	5200	80
VHT20	5240	80
VHT40	5190	50
VHT40	5230	80
VHT80	5210	48

For Frequency band 5250~5350 MHz		
Modulation Mode	**Test Frequency (MHz)**	**Power Set**
11a	5260	80
11a	5300	80
11a	5320	66
HT20	5260	80
HT20	5300	80
HT20	5320	66
HT40	5270	80
HT40	5310	58
VHT20	5260	80
VHT20	5300	80
VHT20	5320	66
VHT40	5270	80
VHT40	5310	58
VHT80	5290	58

For Frequency band 5470~5725 MHz		
Modulation Mode	**Test Frequency (MHz)**	**Power Set**
11a	5500	64
11a	5580	80
11a	5700	62
HT20	5500	64
HT20	5580	80
HT20	5700	62
HT40	5510	50
HT40	5550	80
HT40	5670	62
VHT20	5500	64
VHT20	5580	80
VHT20	5700	62
VHT40	5510	50
VHT40	5550	80
VHT40	5670	62
VHT80	5530	50

Channel that extends across the 5.725 GHz boundary

For Frequency band 5470~5725 MHz		
Modulation Mode	**Test Frequency (MHz)**	**Power Set**
11a	5720	80
HT20	5720	80
HT40	5710	80
VHT20	5720	80
VHT40	5710	80
VHT80	5690	80

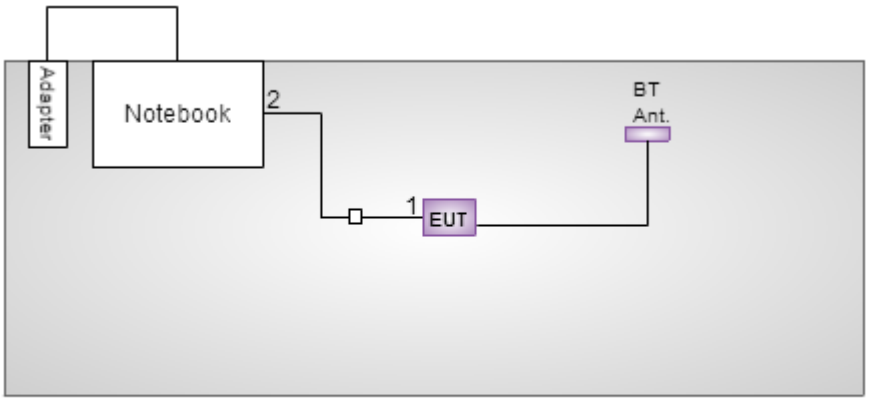
For Frequency band 5725~5850 MHz		
Modulation Mode	**Test Frequency (MHz)**	**Power Set**
11a	5745	66
11a	5785	80
11a	5825	80
HT20	5745	64
HT20	5785	80
HT20	5825	80
HT40	5755	52
HT40	5795	80
VHT20	5745	64
VHT20	5785	80
VHT20	5825	80
VHT40	5755	52
VHT40	5795	80
VHT80	5775	46

1.2 Local Support Equipment List

Support Equipment List					
No.	**Equipment**	**Brand**	**Model**	**FCC ID**	**Signal cable / Length (m)**
1	Notebook	DELL	Latitude E6440	DoC	USB, 1m non-shielded.

1.3 Test Setup Chart

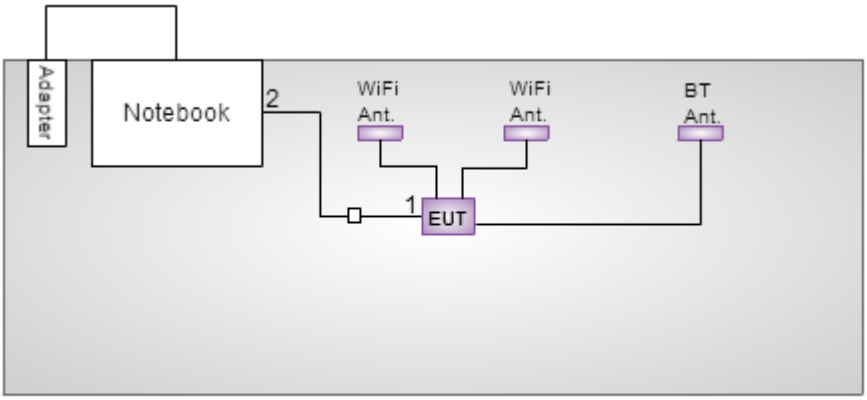
Test Setup Diagram (On board Antenna)



1. Control cable, 0.05m non-shielded. (provided by applicant)
2. USB, 1m non-shielded.

Note: The distance between Wi-Fi antenna and BT antenna is 40cm.

Test Setup Diagram (External Antenna)



1. Control cable, 0.05m non-shielded. (provided by applicant)
2. USB, 1m non-shielded.

Note:

1) The distance between 2 Wi-Fi antennas is 15cm.
2) The distance between Wi-Fi antenna and BT antenna is 40cm.

1.4 The Equipment List

Test Item	Conducted Emission				
Test Site	Conduction room 1 / (CO01-WS)				
Instrument	**Manufacturer**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
EMC Receiver	R&S	ESCS 30	100169	Oct. 21, 2015	Oct. 20, 2016
LISN	SCHWARZBECK	Schwarzbeck 8127	8127-667	Nov. 13, 2015	Nov. 12, 2016
LISN (Support Unit)	SCHWARZBECK	Schwarzbeck 8127	8127-666	Nov. 26, 2015	Nov. 25, 2016
RF Cable-CON	EMC	EMCCFD300-BM-BM-6000	50821	Dec. 21, 2015	Dec. 20, 2016
50 ohm terminal (Support Unit)	NA	50	04	Apr. 15, 2015	Apr. 14, 2016
Measurement Software	AUDIX	e3	6.120210k	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

Test Item	Radiated Emission				
Test Site	966 chamber1 / (03CH01-WS)				
Instrument	**Manufacturer**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
Spectrum Analyzer	R&S	FSV40	101498	Dec. 13, 2015	Dec. 12, 2016
Receiver	R&S	ESR3	101658	Nov. 04, 2015	Nov. 03, 2016
Bilog Antenna	SCHWARZBECK	VULB9168	VULB9168-522	Aug. 20, 2015	Aug. 19, 2016
Horn Antenna 1G-18G	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1096	Dec. 16, 2015	Dec. 15, 2016
Horn Antenna 18G-40G	SCHWARZBECK	BBHA 9170	BBHA 9170517	Nov. 04, 2015	Nov. 03, 2016
Loop Antenna	R&S	HFH2-Z2	11900	Nov. 16, 2015	Nov. 15, 2016
Loop Antenna Cable	KOAX KABEL	101354-BW	101354-BW	Dec. 10, 2015	Dec. 09, 2016
Preamplifier	Burgeon	BPA-530	SN:100219	Sep. 10, 2015	Sep. 09, 2016
Preamplifier	Agilent	83017A	MY39501308	Oct. 02, 2015	Oct. 01, 2016
Preamplifier	EMC	EMC184045B	980192	Sep. 01, 2015	Aug. 31, 2016
RF Cable	HUBER+SUHNER	SUCOFLEX104	MY16014/4	Dec. 10, 2015	Dec. 09, 2016
RF Cable	HUBER+SUHNER	SUCOFLEX104	MY16019/4	Dec. 10, 2015	Dec. 09, 2016
RF Cable	HUBER+SUHNER	SUCOFLEX104	MY16139/4	Dec. 10, 2015	Dec. 09, 2016
LF cable 3M	Woken	CFD400NL-LW	CFD400NL-001	Dec. 10, 2015	Dec. 09, 2016
LF cable 10M	Woken	CFD400NL-LW	CFD400NL-002	Dec. 10, 2015	Dec. 09, 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)				
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	Nov. 27, 2015	Nov. 26, 2016
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 v01r01
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	±3.66 dB
Radiated emission > 1GHz	±5.63 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	17°C / 59%	Sky Huang
Radiated Emissions	03CH01-WS	18-22°C / 60-65%	Warren Lee Aska Huang Felix Sung Morgan Lee
RF Conducted	TH01-WS	22°C / 61-64%	Alex Huang

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

2.2 The Worst Test Modes and Channel Details

Frequency band 5150~5250 MHz / 5250~5350 MHz / 5470~5725 MHz				
Test item	**Modulation Mode**	**Test Frequency (MHz)**	**Data Rate (Mbps) / MCS**	**Test Configuration**
Conducted Emissions	VHT40	5270	MCS 0	1, 2
Radiated Emissions ≤1GHz	VHT40	5270	MCS 0	1, 3
Radiated Emissions ≤1GHz	VHT40	5270 / 5550	MCS 0	2
RF Output Power	11a	5180 / 5200 / 5240 / 5260 / 5300 5320 / 5500 / 5580 / 5700 / 5720	6 Mbps	2
	HT20	5180 / 5200 / 5240 / 5260 / 5300 5320 / 5500 / 5580 / 5700 / 5720	MCS 0	
	HT40	5190 / 5230/ 5270 / 5310 / 5510 5550 / 5670 / 5710	MCS 0	
	VHT20	5180 / 5200 / 5240 / 5260 / 5300 5320 / 5500 / 5580 / 5700 / 5720	MCS 0	
	VHT40	5190 / 5230/ 5270 / 5310 / 5510 5550 / 5670 / 5710	MCS 0	
	VHT80	5210 / 5290 / 5530 / 5690	MCS 0	
Radiated Emissions >1GHz	11a	5180 / 5200 / 5240 / 5260 / 5300 5320 / 5500 / 5580 / 5700 / 5720	6 Mbps	1, 2
	VHT20	5180 / 5200 / 5240 / 5260 / 5300 5320 / 5500 / 5580 / 5700 / 5720	MCS 0	
	VHT40	5190 / 5230/ 5270 / 5310 / 5510 5550 / 5670 / 5710	MCS 0	
	VHT80	5210 / 5290 / 5530 / 5690	MCS 0	
Emission Bandwidth Peak Power Spectral Density	11a	5180 / 5200 / 5240 / 5260 / 5300 5320 / 5500 / 5580 / 5700 / 5720	6 Mbps	2
	VHT20	5180 / 5200 / 5240 / 5260 / 5300 5320 / 5500 / 5580 / 5700 / 5720	MCS 0	
	VHT40	5190 / 5230/ 5270 / 5310 / 5510 5550 / 5670 / 5710	MCS 0	
	VHT80	5210 / 5290 / 5530 / 5690	MCS 0	
Frequency Stability	Un-modulation	5320	---	2

NOTE:

1. The EUT and its antenna were pretested with 3 orientations placed on the table for the radiated emission measurement – X, Y, and Z-plane. The worst case for EUT and its antenna were listed below and were shown in this report.
2. The following antennas are selected for final testing as below configurations:
   1) Configuration 1: On board antenna; EUT: X-plane
   2) Configuration 2: External antenna with highest gain for each bands; EUT: X-plane, Antenna: Y-plane (model E55u for 5150~5250 MHz / 5250~5350 MHz; model M55 for 5470~5725 MHz)
   3) Configuration 3: External antenna with longest cable length (model M65) ; EUT: X-plane, Antenna: Y-plane

Frequency band 5725-5850 MHz				
Test item	**Modulation Mode**	**Test Frequency (MHz)**	**Data Rate (Mbps) / MCS**	**Test Configuration**
Conducted Emissions	VHT40	5795	MCS 0	1, 2
Radiated Emissions ≤1GHz	VHT40	5795	MCS 0	1, 2, 3
RF Output Power	11a	5745 / 5785 / 5825	6 Mbps	2
	HT20	5745 / 5785 / 5825	MCS 0	
	HT40	5755 / 5795	MCS 0	
	VHT20	5745 / 5785 / 5825	MCS 0	
	VHT40	5755 / 5795	MCS 0	
	VHT80	5775	MCS 0	
Radiated Emissions >1GHz	11a	5745 / 5785 / 5825	6 Mbps	1, 2
	VHT20	5745 / 5785 / 5825	MCS 0	
	VHT40	5755 / 5795	MCS 0	
	VHT80	5775	MCS 0	
Emission Bandwidth 6dB bandwidth Peak Power Spectral Density	11a	5745 / 5785 / 5825	6 Mbps	2
	VHT20	5745 / 5785 / 5825	MCS 0	
	VHT40	5755 / 5795	MCS 0	
	VHT80	5775	MCS 0	
Frequency Stability	Un-modulation	5785	---	2

NOTE:

1. The EUT and its antenna were pretested with 3 orientations placed on the table for the radiated emission measurement – X, Y, and Z-plane. The worst case for EUT and its antenna were listed below and were shown in this report.
2. The following antennas are selected for final testing as below configurations:
   1) Configuration 1: On board antenna; EUT: X-plane
   2) Configuration 2: External antenna with highest gain (model M55) ; EUT: X-plane, Antenna: Y-plane
   3) Configuration 3: External antenna with longest cable length (model M65) ; EUT: X-plane, Antenna: Y-plane

3 Transmitter Test Results

3.1 Conducted Emissions

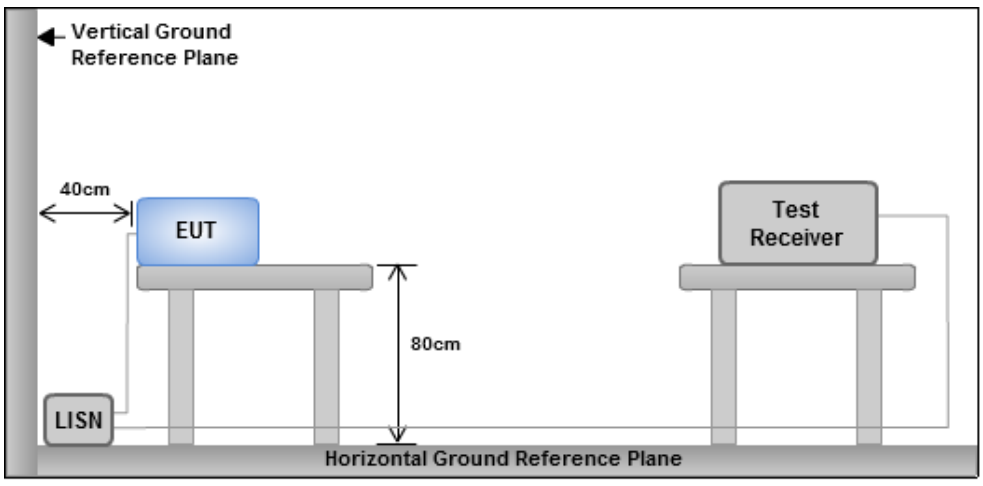
3.1.1 Limit of Conducted Emissions

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

3.1.2 Test Procedures

1. The device is placed on a test table, raised 80 cm above the reference ground plane. The vertical conducting plane is located 40 cm to the rear of the device.
2. The device is connected to line impedance stabilization network (LISN) and other accessories are connected to other LISN. Measured levels of AC power line conducted emission are across the 50 Ω LISN port.
3. AC conducted emission measurements is made over frequency range from 150 kHz to 30 MHz.
4. This measurement was performed with AC 120V/60Hz

3.1.3 Test Setup

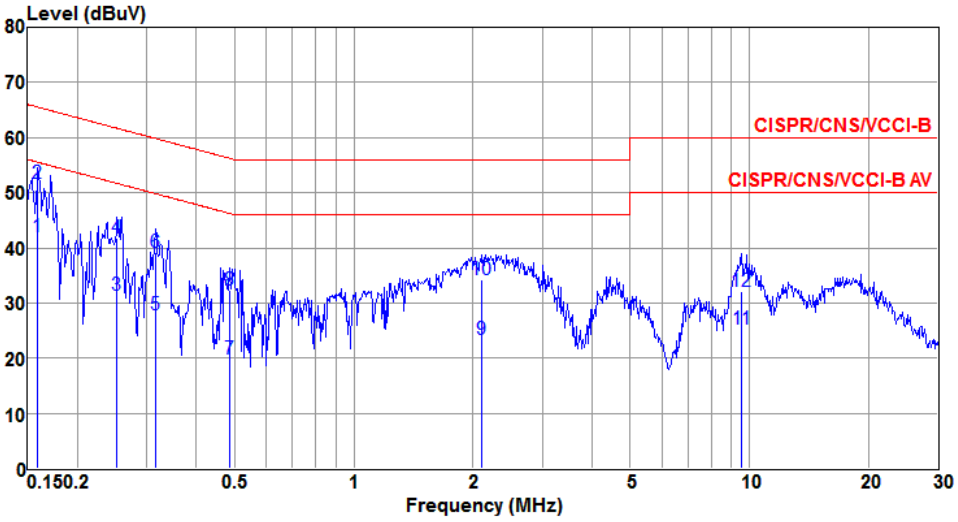


Note: 1. Support units were connected to second LISN.

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

3.1.4 Test Result of Conducted Emissions

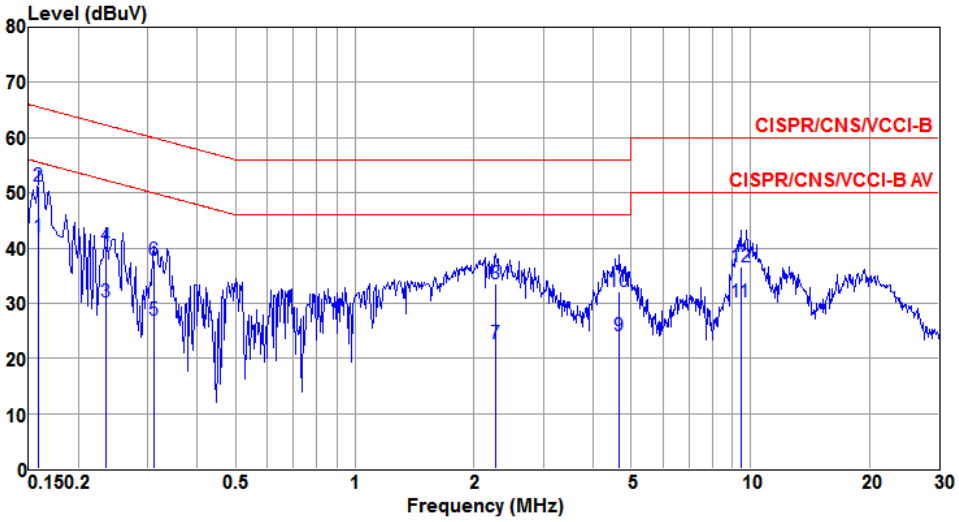
Modulation	VHT40	Test Freq. (MHz)	5270
Power Phase	Line	Test Configuration	1



	Freq	Level	Limit Line	Over Limit	Read Level	LISN factor	cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1@	0.159	41.94	55.52	-13.58	41.81	0.11	0.02	Average
2	0.159	51.65	65.52	-13.87	51.52	0.11	0.02	QP
3	0.252	31.43	51.69	-20.26	31.29	0.12	0.02	Average
4	0.252	41.79	61.69	-19.90	41.65	0.12	0.02	QP
5	0.315	27.74	49.84	-22.10	27.59	0.12	0.03	Average
6	0.315	39.30	59.84	-20.54	39.15	0.12	0.03	QP
7	0.484	19.78	46.27	-26.49	19.61	0.13	0.04	Average
8	0.484	32.27	56.27	-24.00	32.10	0.13	0.04	QP
9	2.099	23.33	46.00	-22.67	23.09	0.16	0.08	Average
10	2.099	34.23	56.00	-21.77	33.99	0.16	0.08	QP
11	9.552	25.32	50.00	-24.68	24.92	0.24	0.16	Average
12	9.552	32.12	60.00	-27.88	31.72	0.24	0.16	QP

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

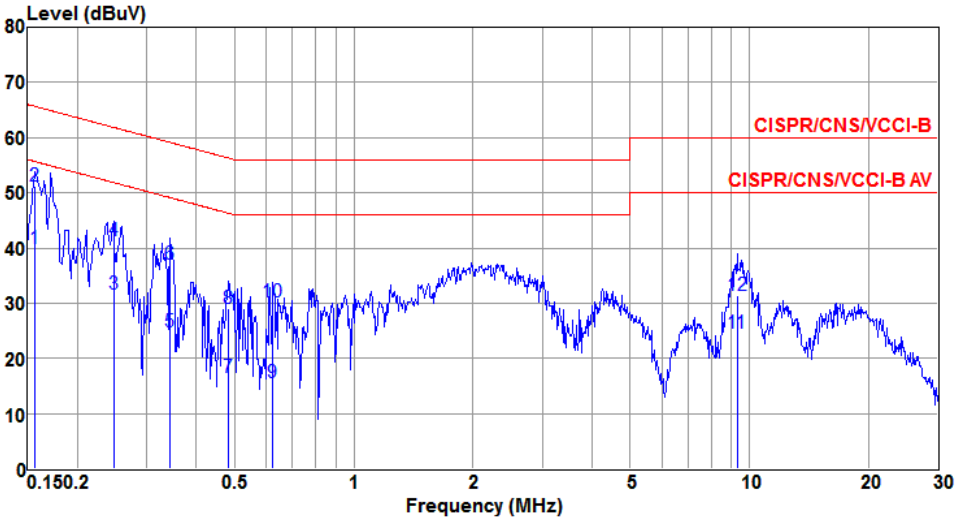
Modulation	VHT40	Test Freq. (MHz)	5270
Power Phase	Neutral	Test Configuration	1



	Freq	Level	Limit Line	Over Limit	Read Level	LISN factor	cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1@	0.159	41.95	55.52	-13.57	41.81	0.12	0.02	Average
2	0.159	51.22	65.52	-14.30	51.08	0.12	0.02	QP
3	0.234	30.32	52.30	-21.98	30.19	0.11	0.02	Average
4	0.234	40.48	62.30	-21.82	40.35	0.11	0.02	QP
5	0.310	26.86	49.97	-23.11	26.70	0.13	0.03	Average
6	0.310	37.82	59.97	-22.15	37.66	0.13	0.03	QP
7	2.273	22.70	46.00	-23.30	22.44	0.17	0.09	Average
8	2.273	33.51	56.00	-22.49	33.25	0.17	0.09	QP
9	4.672	24.02	46.00	-21.98	23.70	0.19	0.13	Average
10	4.672	32.09	56.00	-23.91	31.77	0.19	0.13	QP
11	9.451	30.20	50.00	-19.80	29.78	0.26	0.16	Average
12	9.451	36.69	60.00	-23.31	36.27	0.26	0.16	QP

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

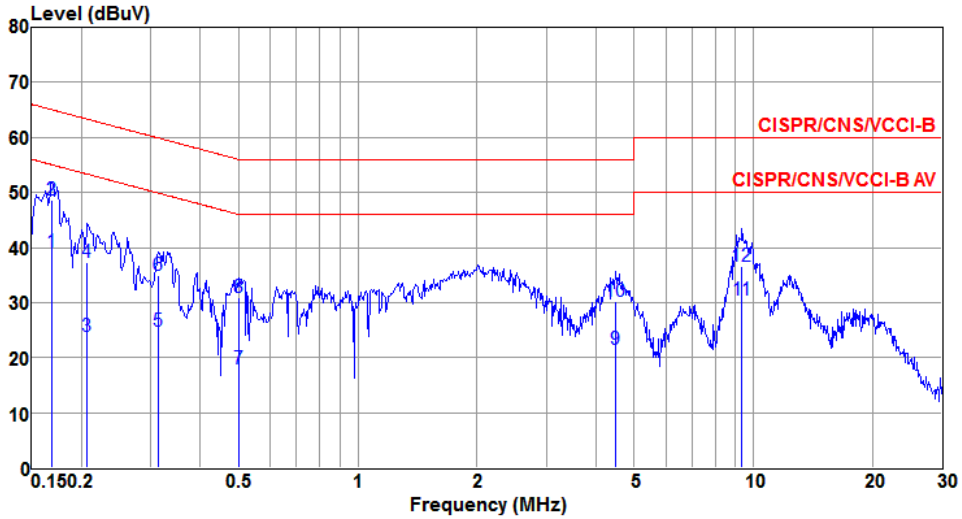
Modulation	VHT40	Test Freq. (MHz)	5795
Power Phase	Line	Test Configuration	1



	Freq	Level	Limit Line	Over Limit	Read Level	LISN factor	cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1	0.156	39.80	55.65	-15.85	39.67	0.11	0.02	Average
2@	0.156	51.12	65.65	-14.53	50.99	0.11	0.02	QP
3	0.247	31.58	51.86	-20.28	31.44	0.12	0.02	Average
4	0.247	41.23	61.86	-20.63	41.09	0.12	0.02	QP
5	0.343	24.67	49.13	-24.46	24.51	0.13	0.03	Average
6	0.343	37.13	59.13	-22.00	36.97	0.13	0.03	QP
7	0.481	16.47	46.32	-29.85	16.30	0.13	0.04	Average
8	0.481	28.99	56.32	-27.33	28.82	0.13	0.04	QP
9	0.624	15.66	46.00	-30.34	15.49	0.13	0.04	Average
10	0.624	30.31	56.00	-25.69	30.14	0.13	0.04	QP
11	9.302	24.51	50.00	-25.49	24.11	0.24	0.16	Average
12	9.302	31.40	60.00	-28.60	31.00	0.24	0.16	QP

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

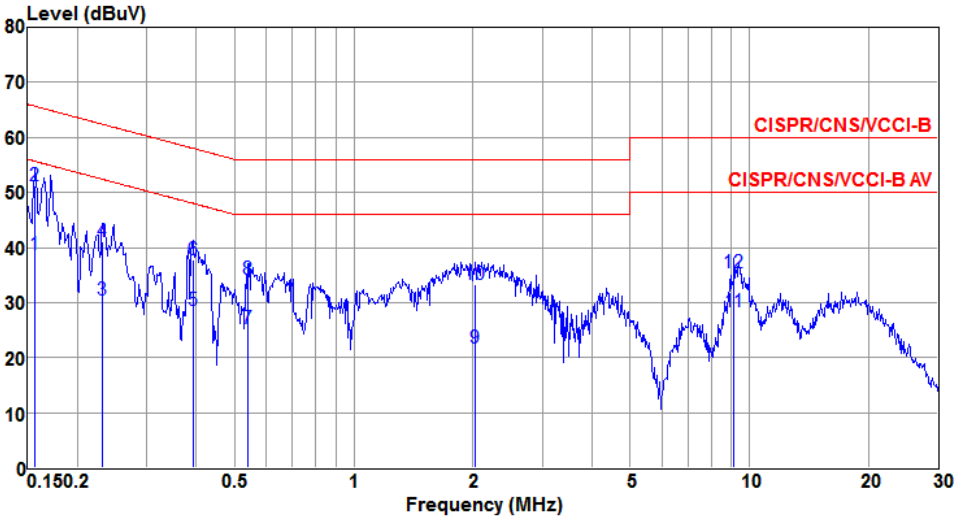
Modulation	VHT40	Test Freq. (MHz)	5795
Power Phase	Neutral	Test Configuration	1



	Freq	Level	Limit Line	Over Limit	Read Level	LISN factor	cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1@	0.169	39.20	55.03	-15.83	39.06	0.12	0.02	Average
2	0.169	48.51	65.03	-16.52	48.37	0.12	0.02	QP
3	0.207	23.82	53.32	-29.50	23.70	0.10	0.02	Average
4	0.207	37.38	63.32	-25.94	37.26	0.10	0.02	QP
5	0.313	24.85	49.88	-25.03	24.69	0.13	0.03	Average
6	0.313	34.94	59.88	-24.94	34.78	0.13	0.03	QP
7	0.499	17.90	46.01	-28.11	17.72	0.14	0.04	Average
8	0.499	30.83	56.01	-25.18	30.65	0.14	0.04	QP
9	4.478	21.44	46.00	-24.56	21.14	0.18	0.12	Average
10	4.478	30.15	56.00	-25.85	29.85	0.18	0.12	QP
11	9.352	30.38	50.00	-19.62	29.96	0.26	0.16	Average
12	9.352	36.53	60.00	-23.47	36.11	0.26	0.16	QP

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

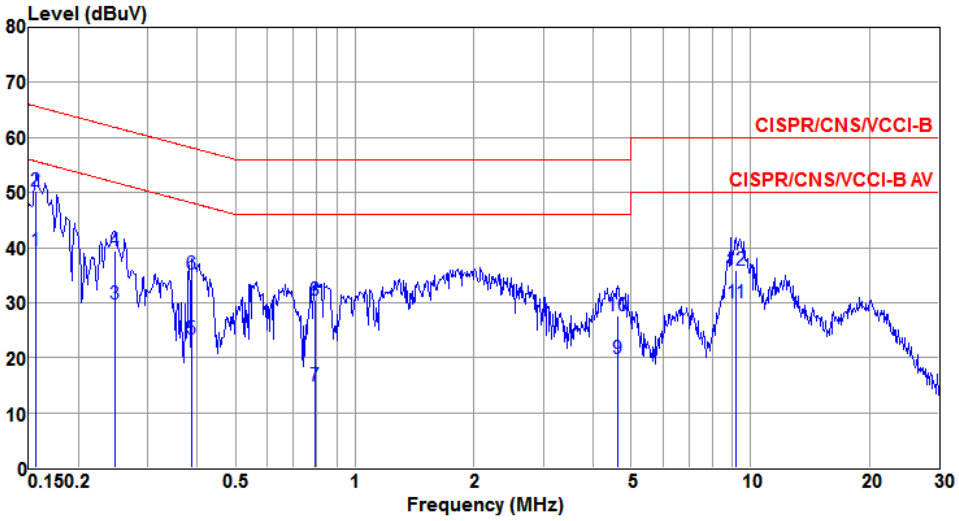
Modulation	VHT40	Test Freq. (MHz)	5270
Power Phase	Line	Test Configuration	2



	Freq	Level	Limit Line	Over Limit	Read Level	LISN factor	cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1	0.156	38.61	55.65	-17.04	38.48	0.11	0.02	Average
2@	0.156	51.30	65.65	-14.35	51.17	0.11	0.02	QP
3	0.232	30.45	52.39	-21.94	30.32	0.11	0.02	Average
4	0.232	41.00	62.39	-21.39	40.87	0.11	0.02	QP
5	0.391	28.46	48.03	-19.57	28.30	0.13	0.03	Average
6	0.391	37.72	58.03	-20.31	37.56	0.13	0.03	QP
7	0.541	25.28	46.00	-20.72	25.11	0.13	0.04	Average
8	0.541	34.28	56.00	-21.72	34.11	0.13	0.04	QP
9	2.033	21.62	46.00	-24.38	21.38	0.16	0.08	Average
10	2.033	33.39	56.00	-22.61	33.15	0.16	0.08	QP
11	9.156	28.31	50.00	-21.69	27.91	0.24	0.16	Average
12	9.156	35.35	60.00	-24.65	34.95	0.24	0.16	QP

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

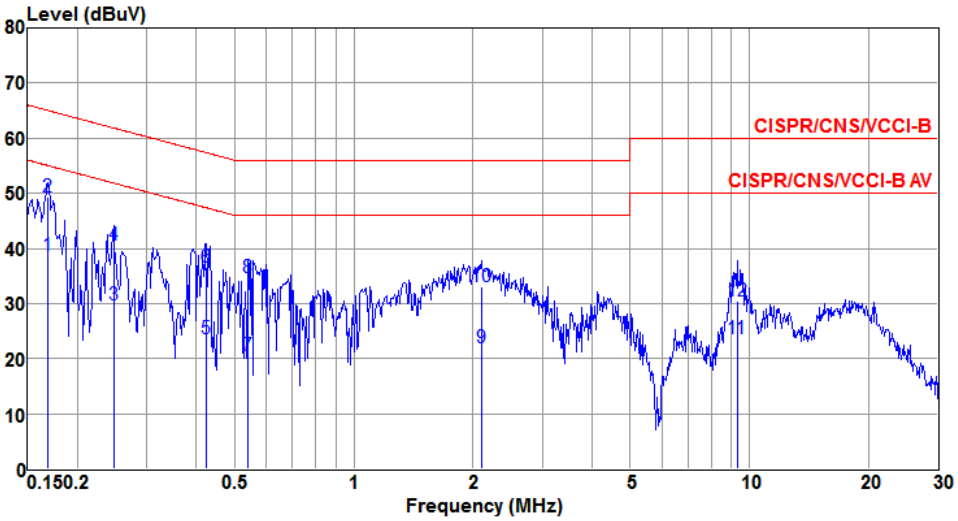
Modulation	VHT40	Test Freq. (MHz)	5270
Power Phase	Neutral	Test Configuration	2



	Freq	Level	Limit Line	Over Limit	Read Level	LISN factor	cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1	0.156	39.51	55.65	-16.14	39.36	0.13	0.02	Average
2@	0.156	50.28	65.65	-15.37	50.13	0.13	0.02	QP
3	0.247	29.73	51.86	-22.13	29.60	0.11	0.02	Average
4	0.247	39.33	61.86	-22.53	39.20	0.11	0.02	QP
5	0.387	23.32	48.12	-24.80	23.15	0.14	0.03	Average
6	0.387	35.22	58.12	-22.90	35.05	0.14	0.03	QP
7	0.796	14.90	46.00	-31.10	14.72	0.13	0.05	Average
8	0.796	30.45	56.00	-25.55	30.27	0.13	0.05	QP
9	4.622	19.92	46.00	-26.08	19.60	0.19	0.13	Average
10	4.622	27.66	56.00	-28.34	27.34	0.19	0.13	QP
11	9.204	29.97	50.00	-20.03	29.55	0.26	0.16	Average
12	9.204	35.92	60.00	-24.08	35.50	0.26	0.16	QP

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

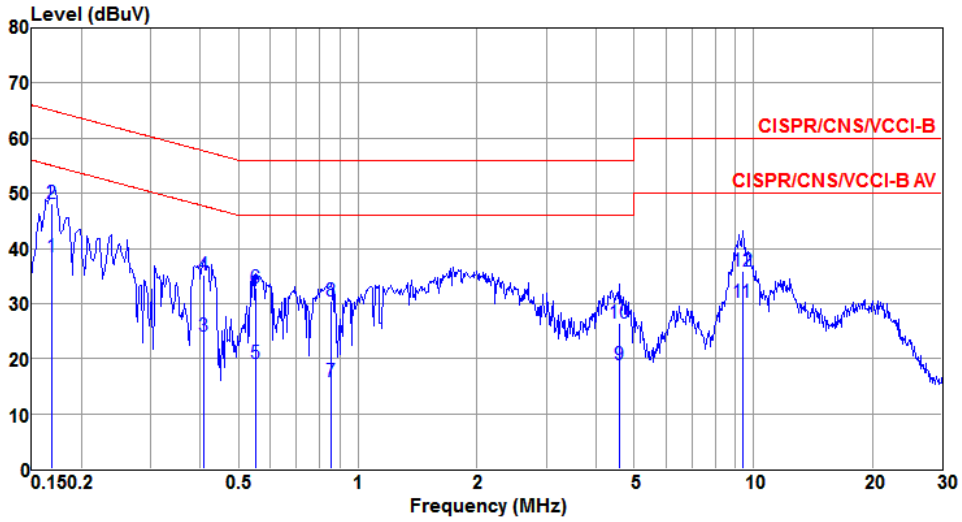
Modulation	VHT40	Test Freq. (MHz)	5795
Power Phase	Line	Test Configuration	2



	Freq	Level	Limit Line	Over Limit	Read Level	LISN factor	cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1	0.169	38.66	55.03	-16.37	38.53	0.11	0.02	Average
2@	0.169	49.28	65.03	-15.75	49.15	0.11	0.02	QP
3	0.247	29.83	51.86	-22.03	29.69	0.12	0.02	Average
4	0.247	40.71	61.86	-21.15	40.57	0.12	0.02	QP
5	0.424	23.60	47.37	-23.77	23.44	0.13	0.03	Average
6	0.424	36.70	57.37	-20.67	36.54	0.13	0.03	QP
7	0.541	20.63	46.00	-25.37	20.46	0.13	0.04	Average
8	0.541	34.71	56.00	-21.29	34.54	0.13	0.04	QP
9	2.099	21.87	46.00	-24.13	21.63	0.16	0.08	Average
10	2.099	32.99	56.00	-23.01	32.75	0.16	0.08	QP
11	9.302	23.58	50.00	-26.42	23.18	0.24	0.16	Average
12	9.302	30.51	60.00	-29.49	30.11	0.24	0.16	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	38.45	55.03	-16.58	38.31	0.12	0.02	Average
2	0.169	48.23	65.03	-16.80	48.09	0.12	0.02	QP
3	0.408	24.08	47.68	-23.60	23.91	0.14	0.03	Average
4	0.408	35.14	57.68	-22.54	34.97	0.14	0.03	QP
5	0.552	19.10	46.00	-26.90	18.92	0.14	0.04	Average
6	0.552	32.74	56.00	-23.26	32.56	0.14	0.04	QP
7	0.857	15.91	46.00	-30.09	15.73	0.13	0.05	Average
8	0.857	30.35	56.00	-25.65	30.17	0.13	0.05	QP
9	4.574	18.83	46.00	-27.17	18.52	0.18	0.13	Average
10	4.574	26.50	56.00	-29.50	26.19	0.18	0.13	QP
11	9.401	30.25	50.00	-19.75	29.83	0.26	0.16	Average
12	9.401	35.94	60.00	-24.06	35.52	0.26	0.16	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.

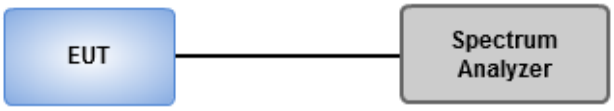
Occupied Bandwidth

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

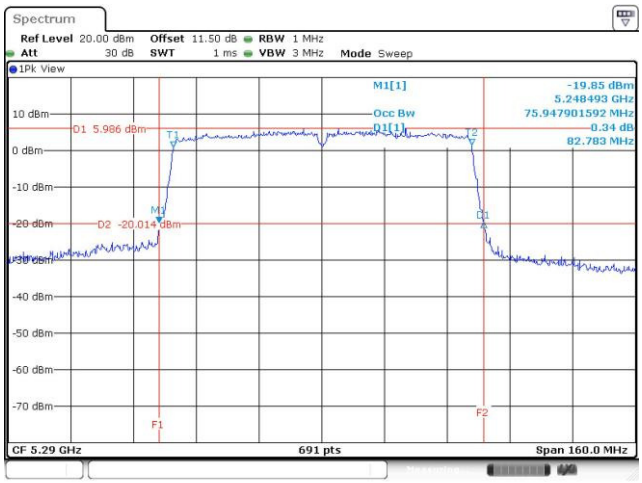
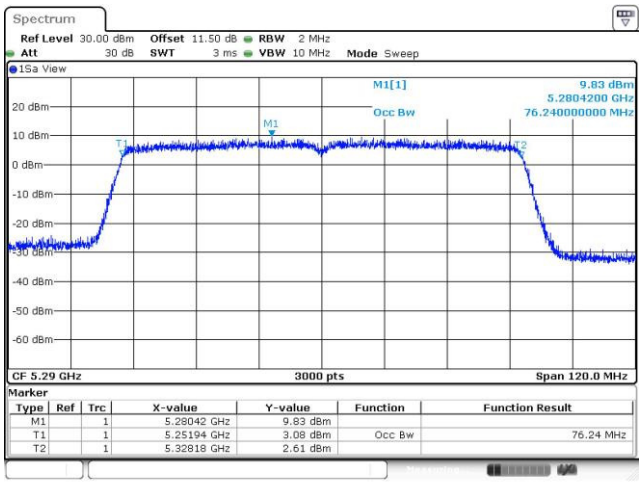


3.2.4 Test Result of Emission Bandwidth

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	2	5180	21.97	21.80	---	---	17.15	17.03	---	---
11a	2	5200	33.77	21.81	---	---	17.27	17.43	---	---
11a	2	5240	34.86	22.68	---	---	17.36	17.39	---	---
VHT20	2	5180	21.86	21.68	---	---	18.22	18.02	---	---
VHT20	2	5200	32.39	22.25	---	---	18.34	18.19	---	---
VHT20	2	5240	36.23	28.04	---	---	18.44	18.08	---	---
VHT40	2	5190	41.39	40.93	---	---	36.62	36.66	---	---
VHT40	2	5230	41.39	48.58	---	---	36.90	36.90	---	---
VHT80	2	5210	82.09	81.86	---	---	76.20	76.12	---	---

For Frequency band 5250~5350 MHz											
Mode	N_{TX}	Freq. (MHz)	26dB Bandwidth (MHz)				99% Bandwidth (MHz)				Power Limit (dBm)
			Chain 0	Chain 1	Chain 2	Chain 3	Chain 0	Chain 1	Chain 2	Chain 3	
11a	2	5260	27.71	24.87	---	---	17.70	17.18	---	---	24.00
11a	2	5300	34.42	27.10	---	---	17.28	17.32	---	---	24.00
11a	2	5320	21.97	21.86	---	---	17.21	17.09	---	---	24.00
VHT20	2	5260	37.46	22.17	---	---	18.21	18.15	---	---	24.00
VHT20	2	5300	29.35	22.68	---	---	18.54	18.08	---	---	24.00
VHT20	2	5320	22.03	25.10	---	---	18.16	18.16	---	---	24.00
VHT40	2	5270	41.16	63.54	---	---	37.06	36.96	---	---	24.00
VHT40	2	5310	41.28	40.93	---	---	36.68	36.74	---	---	24.00
VHT80	2	5290	82.32	82.78	---	---	76.24	76.16	---	---	24.00

For Frequency band 5470~5725 MHz											
Mode	N_{TX}	Freq. (MHz)	26dB Bandwidth (MHz)				99% Bandwidth (MHz)				Power Limit (dBm)
			Chain 0	Chain 1	Chain 2	Chain 3	Chain 0	Chain 1	Chain 2	Chain 3	
11a	2	5500	21.86	21.74	---	---	17.19	17.08	---	---	24.00
11a	2	5580	33.19	31.30	---	---	17.36	17.54	---	---	24.00
11a	2	5700	22.25	27.17	---	---	17.13	17.04	---	---	24.00
VHT20	2	5500	22.20	21.97	---	---	18.26	18.01	---	---	24.00
VHT20	2	5580	37.10	27.39	---	---	18.38	18.26	---	---	24.00
VHT20	2	5700	22.46	22.17	---	---	18.20	18.02	---	---	24.00
VHT40	2	5510	41.62	40.93	---	---	36.76	36.66	---	---	24.00
VHT40	2	5550	69.57	72.70	---	---	37.04	36.80	---	---	24.00
VHT40	2	5670	41.16	41.16	---	---	36.70	36.68	---	---	24.00
VHT80	2	5530	82.32	81.62	---	---	76.16	76.16	---	---	24.00

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

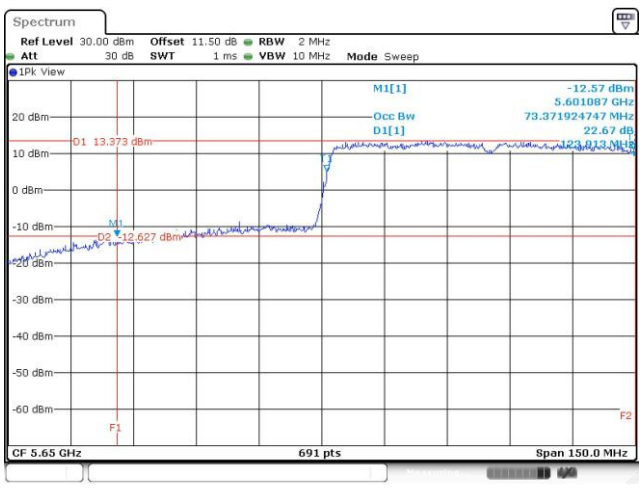
Channel that extends across the 5.725 GHz boundary

Frequency band			UNII Emission Bandwidth Result (Within 5470-5725MHz band)								
Mode	N_{TX}	Freq. (MHz)	26dB Bandwidth (MHz)				99% Bandwidth (MHz)				Power Limit (dBm)
			Chain 0	Chain 1	Chain 2	Chain 3	Chain 0	Chain 1	Chain 2	Chain 3	
11a	2	5720	18.79	20.94	---	---	13.705	13.565	---	---	23.74
VHT20	2	5720	16.08	16.20	---	---	14.105	14.245	---	---	23.06
VHT40	2	5710	59.86	59.86	---	---	33.51	33.51	---	---	24.00
VHT80	2	5690	105.00	123.91	---	---	73.26	73.34	---	---	24.00

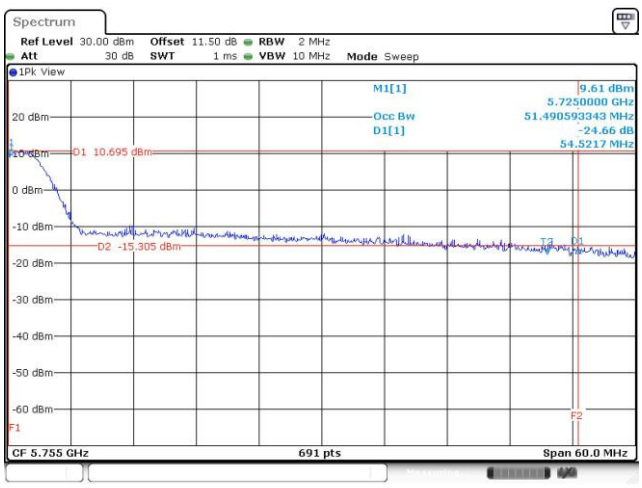
Frequency band			UNII Emission Bandwidth Result (Extends across 5725MHz band)								
Mode	N_{TX}	Freq. (MHz)	26dB Bandwidth (MHz)				99% Bandwidth (MHz)				Power Limit (dBm)
			Chain 0	Chain 1	Chain 2	Chain 3	Chain 0	Chain 1	Chain 2	Chain 3	
11a	2	5720	12.70	10.70	---	---	3.675	3.705	---	---	22.65
VHT20	2	5720	13.20	13.43	---	---	4.135	4.285	---	---	23.16
VHT40	2	5710	31.19	30.32	---	---	3.47	3.49	---	---	22.40
VHT80	2	5690	48.09	54.52	---	---	3.22	3.18	---	---	22.02

Worst Plots

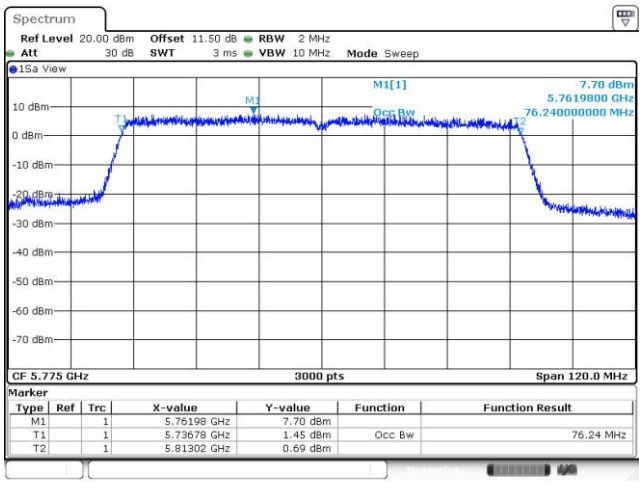
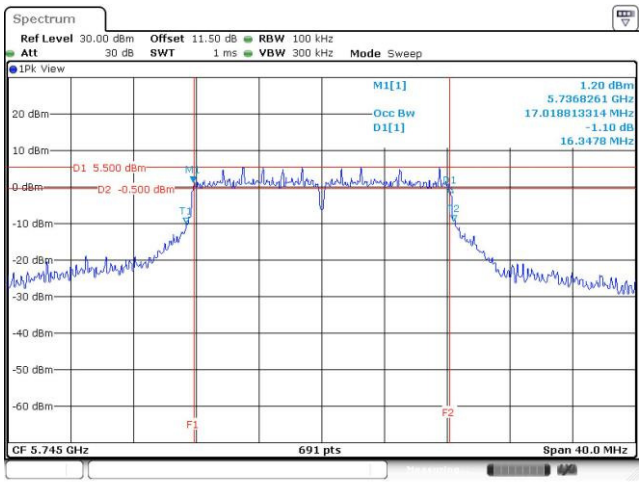
Within 5470-5725MHz band



Extends across 5725MHz band



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	2	5745	17.12	17.15	---	---	16.35	16.35	---	---	0.5
11a	2	5785	17.62	17.07	---	---	16.35	16.35	---	---	0.5
11a	2	5825	17.52	17.16	---	---	16.35	16.35	---	---	0.5
VHT20	2	5745	18.47	18.00	---	---	17.57	17.62	---	---	0.5
VHT20	2	5785	18.20	18.09	---	---	17.62	17.62	---	---	0.5
VHT20	2	5825	18.34	18.05	---	---	17.62	17.62	---	---	0.5
VHT40	2	5755	36.66	36.78	---	---	36.41	36.41	---	---	0.5
VHT40	2	5795	37.40	36.86	---	---	36.41	36.41	---	---	0.5
VHT80	2	5775	76.20	76.24	---	---	75.59	75.83	---	---	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

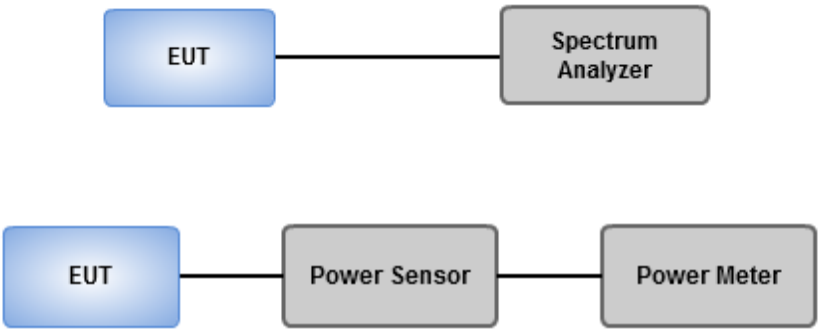
☒ Power meter (For channel that does not extends across the 5.725 GHz boundary)

☒ Measurements 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

☒ Spectrum analyzer (For channel that extends across the 5.725 GHz boundary)

1. Set RBW=1MHz, VBW=3MHz , Sweep time= Auto, Detector = RMS
2. Trace average at least 100 traces in power averaging mode
3. Compute power by integrating the spectrum across the 26 dB EBW

3.3.3 Test Setup



3.3.4 Test Result of Maximum Conducted Output Power

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	2	5180	16.39	15.93	---	---	82.725	19.18	24.00
11a	2	5200	17.98	17.85	---	---	123.760	20.93	24.00
11a	2	5240	18.02	18.73	---	---	138.032	21.40	24.00
HT20	2	5180	16.01	15.35	---	---	74.179	18.70	24.00
HT20	2	5200	18.16	17.68	---	---	124.077	20.94	24.00
HT20	2	5240	17.82	18.48	---	---	131.003	21.17	24.00
HT40	2	5190	12.71	12.31	---	---	35.685	15.52	24.00
HT40	2	5230	19.02	18.01	---	---	143.041	21.55	24.00
VHT20	2	5180	16.04	15.42	---	---	75.013	18.75	24.00
VHT20	2	5200	18.22	17.75	---	---	125.941	21.00	24.00
VHT20	2	5240	17.86	18.52	---	---	132.216	21.21	24.00
VHT40	2	5190	12.74	12.35	---	---	35.972	15.56	24.00
VHT40	2	5230	19.12	18.13	---	---	146.671	**21.66**	24.00
VHT80	2	5210	12.39	12.02	---	---	33.260	15.22	24.00

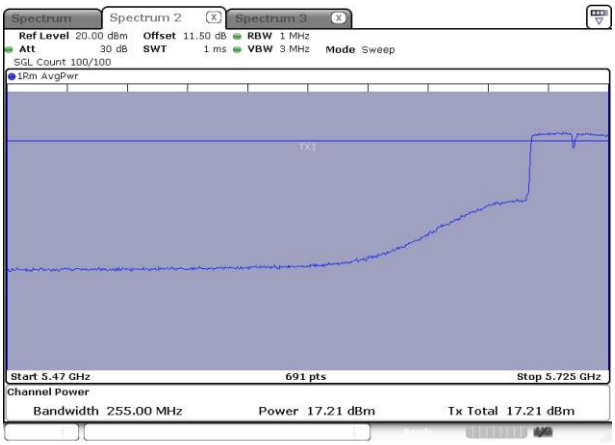
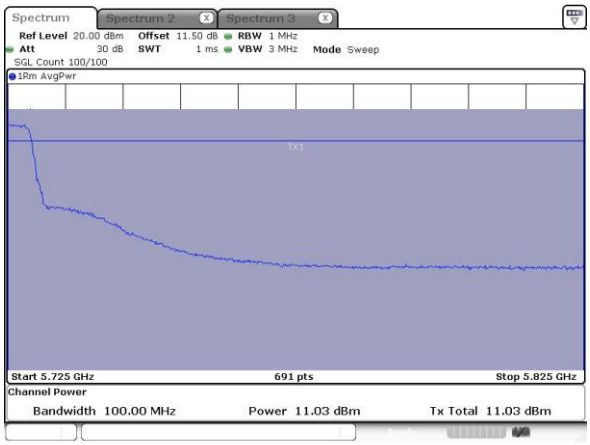
For Frequency band 5250~5350 MHz									
Mode	N_{TX}	Freq. (MHz)	Conducted Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)
			Chain 0	Chain 1	Chain 2	Chain 3			
11a	2	5260	17.93	18.42	---	---	131.589	21.19	24.00
11a	2	5300	18.52	18.54	---	---	142.571	21.54	24.00
11a	2	5320	15.73	15.96	---	---	76.857	18.86	24.00
HT20	2	5260	17.68	18.48	---	---	129.083	21.11	24.00
HT20	2	5300	17.75	18.36	---	---	128.115	21.08	24.00
HT20	2	5320	15.71	15.69	---	---	74.307	18.71	24.00
HT40	2	5270	18.98	18.63	---	---	152.014	21.82	24.00
HT40	2	5310	14.22	14.02	---	---	51.659	17.13	24.00
VHT20	2	5260	17.74	18.55	---	---	131.044	21.17	24.00
VHT20	2	5300	17.81	18.42	---	---	129.897	21.14	24.00
VHT20	2	5320	15.75	15.76	---	---	75.254	18.77	24.00
VHT40	2	5270	19.04	18.68	---	---	153.958	**21.87**	24.00
VHT40	2	5310	14.26	14.14	---	---	52.610	17.21	24.00
VHT80	2	5290	13.6	13.77	---	---	46.732	16.70	24.00

For Frequency band 5470~5725 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	2	5500	16.01	15.62	---	---	76.378	18.83	24.00
11a	2	5580	17.12	18.67	---	---	125.144	20.97	24.00
11a	2	5700	14.92	14.8	---	---	61.245	17.87	24.00
HT20	2	5500	15.77	15.02	---	---	69.526	18.42	24.00
HT20	2	5580	16.97	18.48	---	---	120.243	20.80	24.00
HT20	2	5700	14.65	14.75	---	---	59.028	17.71	24.00
HT40	2	5510	13.02	12.61	---	---	38.284	15.83	24.00
HT40	2	5550	18.02	19.01	---	---	143.003	21.55	24.00
HT40	2	5670	15.75	15.65	---	---	74.312	18.71	24.00
VHT20	2	5500	15.82	15.13	---	---	70.778	18.50	24.00
VHT20	2	5580	17.02	18.58	---	---	122.461	20.88	24.00
VHT20	2	5700	14.72	14.81	---	---	59.917	17.78	24.00
VHT40	2	5510	13.16	12.69	---	---	39.279	15.94	24.00
VHT40	2	5550	18.13	19.12	---	---	146.671	**21.66**	24.00
VHT40	2	5670	15.82	15.75	---	---	75.778	18.80	24.00
VHT80	2	5530	12.57	12.02	---	---	33.994	15.31	24.00

Channel that extends across the 5.725 GHz boundary

Maximum Conducted Output Power (Within 5470-5725MHz band)											
Mode	N_{TX}	Freq. (MHz)	Conducted Power without duty factor					Duty factor (dB)	Total Power (mW)	Total Power (dBm)	Limit (dBm)
			Chain 0	Chain 1	Chain 2	Chain 3	Total Power (dBm)				
11a	2	5720	16.93	16.86	---	---	19.91	0.00	97.846	19.91	23.74
HT20	2	5720	16.33	16.47	---	---	19.41	0.00	87.315	19.41	23.06
HT40	2	5710	16.7	16.62	---	---	19.67	0.00	92.693	19.67	24.00
VHT20	2	5720	16.65	16.45	---	---	19.56	0.00	90.395	19.56	23.06
VHT40	2	5710	17.21	17.16	---	---	20.20	0.00	104.601	20.20	24.00
VHT80	2	5690	16.88	16.9	---	---	19.90	0.15	101.165	20.05	24.00

Maximum Conducted Output Power (Extends across 5725MHz band)											
Mode	N_{TX}	Freq. (MHz)	Conducted Power without duty factor					Duty factor (dB)	Total Power (mW)	Total Power (dBm)	Limit (dBm)
			Chain 0	Chain 1	Chain 2	Chain 3	Total Power (dBm)				
11a	2	5720	10.8	10.74	---	---	13.78	0.00	23.880	13.78	30.00
HT20	2	5720	10.7	10.81	---	---	13.77	0.00	23.799	13.77	30.00
HT40	2	5710	6.23	6.23	---	---	9.24	0.00	8.395	9.24	30.00
VHT20	2	5720	11.03	10.77	---	---	13.91	0.00	24.616	13.91	30.00
VHT40	2	5710	6.85	6.66	---	---	9.77	0.00	9.476	9.77	30.00
VHT80	2	5690	2.57	2.24	---	---	5.42	0.15	3.604	5.57	30.00

Worst Channel Power Plots	
Within 5470-5725MHz band	Extends across 5725MHz band
	

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	2	5745	16.36	15.98	---	---	82.879	19.18	30.00
11a	2	5785	17.01	16.75	---	---	97.549	19.89	30.00
11a	2	5825	16.61	15.52	---	---	81.459	19.11	30.00
HT20	2	5745	15.67	15.51	---	---	72.461	18.60	30.00
HT20	2	5785	17.11	16.52	---	---	96.279	19.84	30.00
HT20	2	5825	16.61	15.48	---	---	81.133	19.09	30.00
HT40	2	5755	12.78	12.72	---	---	37.674	15.76	30.00
HT40	2	5795	17.41	16.62	---	---	101.001	20.04	30.00
VHT20	2	5745	15.72	15.56	---	---	73.300	18.65	30.00
VHT20	2	5785	17.17	16.56	---	---	97.409	19.89	30.00
VHT20	2	5825	16.66	15.53	---	---	82.072	19.14	30.00
VHT40	2	5755	12.86	12.76	---	---	38.200	15.82	30.00
VHT40	2	5795	17.47	16.68	---	---	102.406	**20.10**	30.00
VHT80	2	5775	11.77	11.67	---	---	29.721	14.73	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, 5250~5350 MHz, 5470~5725 MHz

☒ Method SA-1 (For 11a / 11ac VHT20 / VHT40)

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 11ac 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

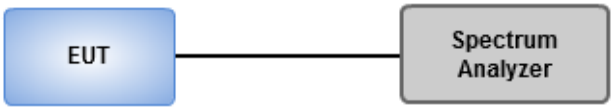
☒ Method SA-1 (For 11a / 11ac VHT20 / VHT40)

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 11ac 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

Frequency band			5150~5250 MHz / 5250~5350 MHz			
Condition			Peak Power Spectral Density (dBm/MHz)			
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	2	5180	6.25	0.00	6.25	10.19
11a	2	5200	8.82	0.00	8.82	10.19
11a	2	5240	8.87	0.00	8.87	10.19
VHT20	2	5180	6.00	0.00	6.00	10.19
VHT20	2	5200	9.09	0.00	9.09	10.19
VHT20	2	5240	8.62	0.00	8.62	10.19
VHT40	2	5190	-0.55	0.00	-0.55	10.19
VHT40	2	5230	5.37	0.00	5.37	10.19
VHT80	2	5210	-4.93	0.15	-4.78	10.19
11a	2	5260	8.85	0.00	8.85	9.59
11a	2	5300	8.48	0.00	8.48	9.59
11a	2	5320	6.01	0.00	6.01	9.59
VHT20	2	5260	8.60	0.00	8.60	9.59
VHT20	2	5300	8.15	0.00	8.15	9.59
VHT20	2	5320	5.71	0.00	5.71	9.59
VHT40	2	5270	6.23	0.00	6.23	9.59
VHT40	2	5310	1.15	0.00	1.15	9.59
VHT80	2	5290	-2.57	0.15	-2.42	9.59

Note:

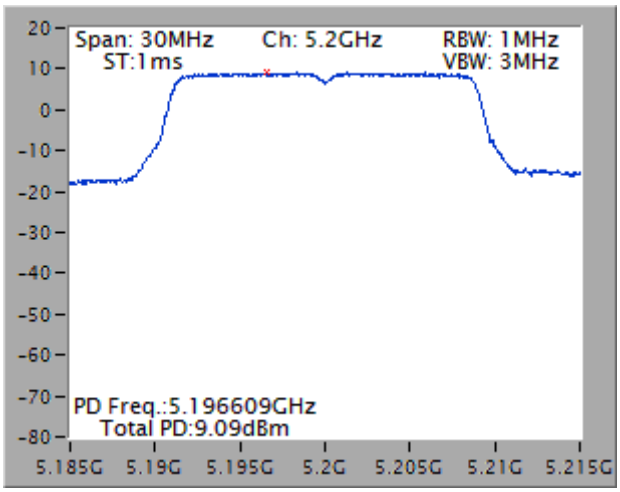
1. D.F is duty factor.
2. Test result are bin-by-bin summing measured value of each TX port.
3. Frequency 5150-5250MHz:
   Directional gain = 3.8 + 10*log(2/1) = 6.81dBi > 6 dBi
   Limit shall be reduced to 11 dBm – (6.81dBi – 6 dBi) = 10.19 dBm
4. Frequency 5250-5350MHz:
   Directional gain = 4.4 + 10*log(2/1) = 7.41dBi > 6 dBi
   Limit shall be reduced to 11 dBm – (7.41dBi – 6 dBi) = 9.59 dBm

Frequency band			5470~5725 MHz			
Condition			Peak Power Spectral Density (dBm/MHz)			
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	2	5500	6.04	0.00	6.04	9.19
11a	2	5580	8.29	0.00	8.29	9.19
11a	2	5700	5.42	0.00	5.42	9.19
11a	2	5720	8.27	0.00	8.27	9.19
VHT20	2	5500	5.56	0.00	5.56	9.19
VHT20	2	5580	8.09	0.00	8.09	9.19
VHT20	2	5700	5.03	0.00	5.03	9.19
VHT20	2	5720	7.60	0.00	7.60	9.19
VHT40	2	5510	-0.35	0.00	-0.35	9.19
VHT40	2	5550	5.23	0.00	5.23	9.19
VHT40	2	5670	2.60	0.00	2.60	9.19
VHT40	2	5710	4.65	0.00	4.65	9.19
VHT80	2	5530	-4.12	0.15	-3.97	9.19
VHT80	2	5690	1.24	0.15	1.39	9.19

Note:

1. D.F is duty factor.
2. Test result are bin-by-bin summing measured value of each TX port.
   Directional gain = 4.8 + 10*log(2/1) = 7.81dBi > 6 dBi
   Limit shall be reduced to 11 dBm – (7.81dBi – 6 dBi) = 9.19 dBm

Worst Plot

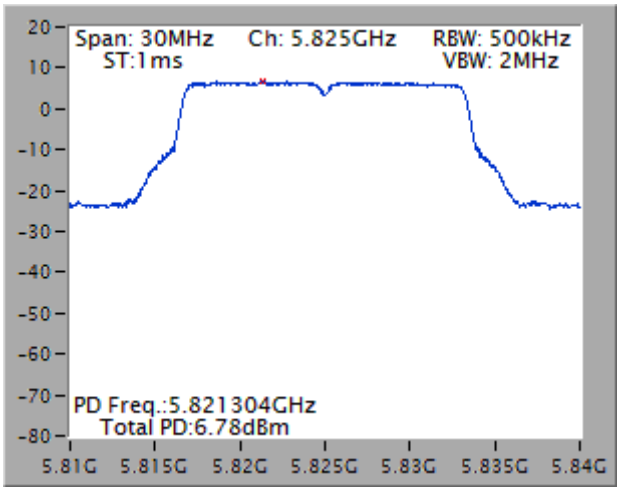


For Frequency band 5725-5850 MHz						
Condition			Peak Power Spectral Density (dBm/500kHz)			
Modulation Mode	N_{TX}	Freq. (MHz)	PPSD w/o D.F (dBm/500kHz)	Duty Factor (dB)	PPSD with D.F (dBm/500kHz)	PPSD Limit (dBm/500kHz)
11a	2	5745	5.26	0.00	5.26	29.63
11a	2	5785	6.29	0.00	6.29	29.63
11a	2	5825	6.78	0.00	6.78	29.63
VHT20	2	5745	4.15	0.00	4.15	29.63
VHT20	2	5785	6.06	0.00	6.06	29.63
VHT20	2	5825	6.11	0.00	6.11	29.63
VHT40	2	5755	-1.60	0.00	-1.60	29.63
VHT40	2	5795	3.79	0.00	3.79	29.63
VHT80	2	5775	-6.23	0.15	-6.08	29.63

Note:

1. D.F is duty factor.
2. Test result are bin-by-bin summing measured value of each TX port.
3. Directional gain = 10 * log((10$^{2.9/20}$+10$^{3.8/20}$)^2/2) = 6.37 dBi > 6 dBi
   Limit shall be reduced to 30 dBm – (6.37dBi – 6 dBi) = 29.63 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]
5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.47 - 5.725 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] 5.825 5.835 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

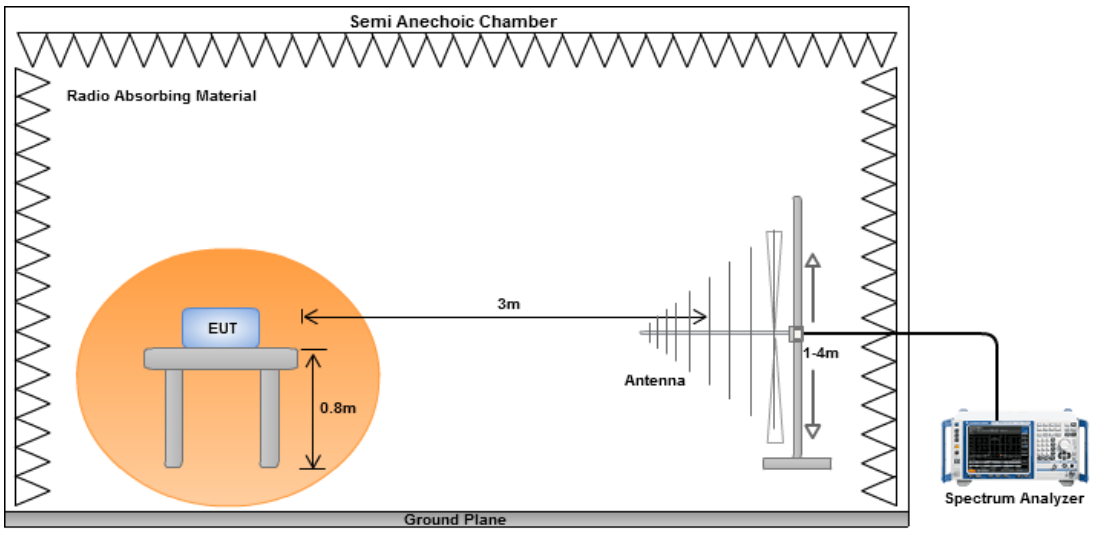
1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission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

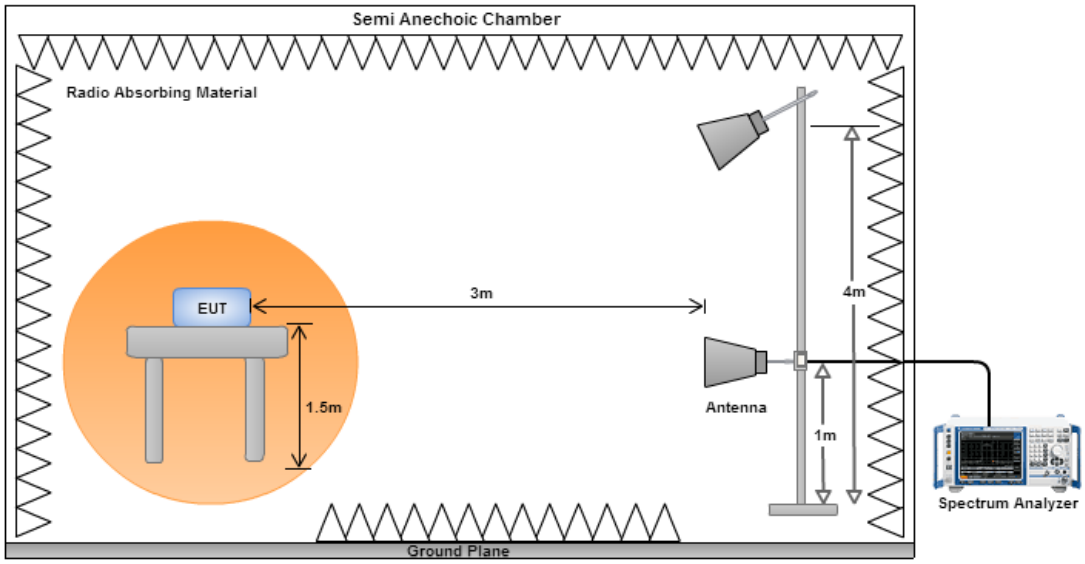
1. 120kHz measurement bandwidth of test receiver and Quasi-peak detector is for radiated emission below 1GHz.
2. RBW=1MHz, VBW=3MHz and Peak detector is for peak measured value of radiated emission above 1GHz.
3. RBW=1MHz, VBW=1/T and Peak detector is for average measured value of radiated emission above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

3.5.3 Test Setup

Radiated Emissions below 1 GHz



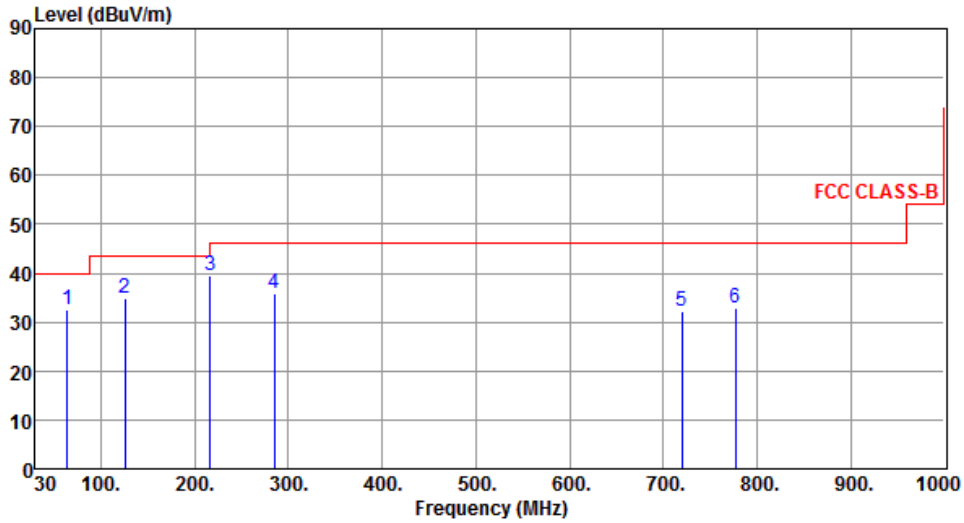
Radiated Emissions above 1 GHz



Test Configuration 1: On board Antenna

3.5.4 Transmitter Radiated Unwanted Emissions (Below 1GHz)

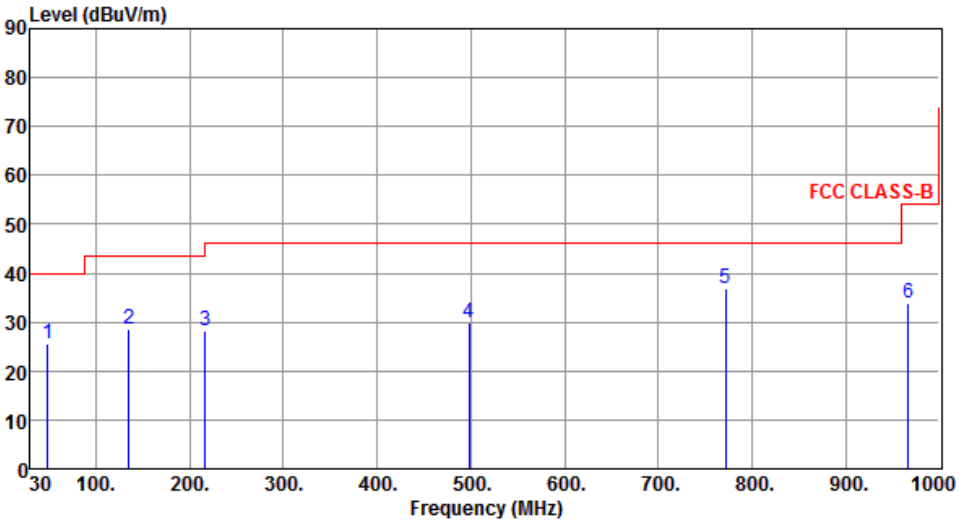
Modulation	VHT40	Test Freq. (MHz)	5270
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	63.95	32.64	40.00	-7.36	50.87	-18.23	Peak	---	---
2	126.03	34.83	43.50	-8.67	53.17	-18.34	Peak	---	---
3	216.24	39.68	46.00	-6.32	58.81	-19.13	Peak	---	---
4	285.11	35.82	46.00	-10.18	52.09	-16.27	Peak	---	---
5	719.67	32.16	46.00	-13.84	39.79	-7.63	Peak	---	---
6	776.90	32.77	46.00	-13.23	39.48	-6.71	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.

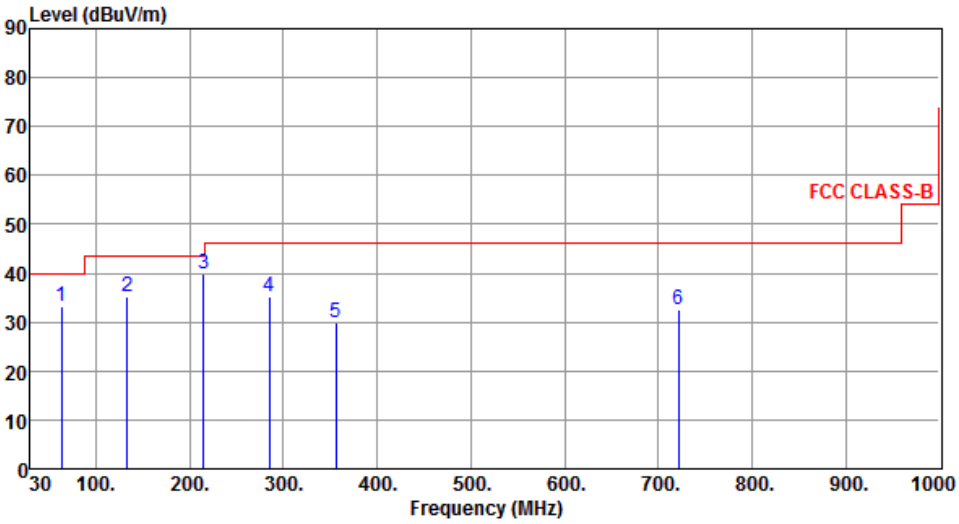
Modulation	VHT40	Test Freq. (MHz)	5270
Polarization	Vertical	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	48.43	25.56	40.00	-14.44	41.90	-16.34	QP	102	2
2	134.76	28.45	43.50	-15.05	45.96	-17.51	Peak	---	---
3	216.24	28.37	46.00	-17.63	47.50	-19.13	Peak	---	---
4	498.51	29.98	46.00	-16.02	41.13	-11.15	Peak	---	---
5	772.05	36.84	46.00	-9.16	43.59	-6.75	Peak	---	---
6	967.02	33.73	54.00	-20.27	38.08	-4.35	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.

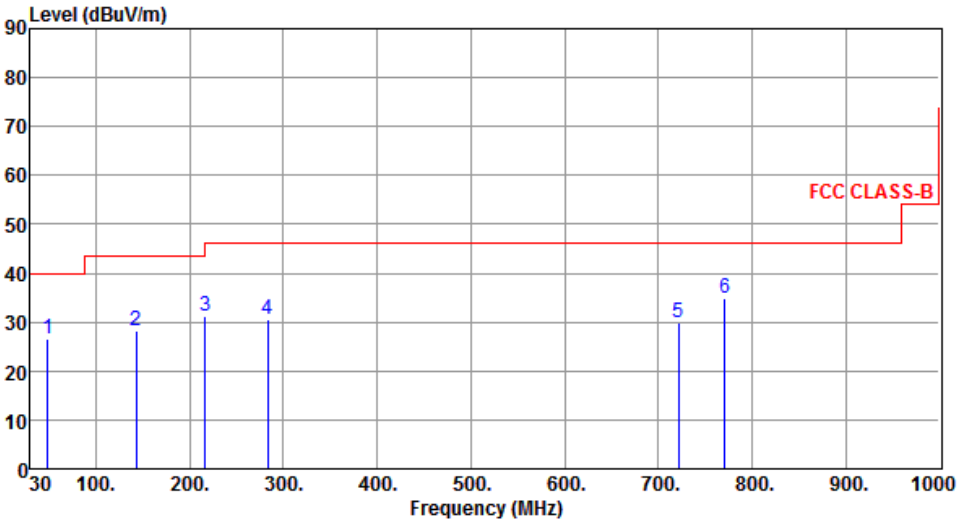
Modulation	HT40	Test Freq. (MHz)	5795
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	62.98	33.11	40.00	-6.89	51.17	-18.06	Peak	---	---
2	133.79	35.05	43.50	-8.45	52.66	-17.61	Peak	---	---
3	215.27	39.96	43.50	-3.54	59.13	-19.17	Peak	---	---
4	285.11	35.23	46.00	-10.77	51.50	-16.27	Peak	---	---
5	355.92	29.74	46.00	-16.26	44.38	-14.64	Peak	---	---
6	721.61	32.68	46.00	-13.32	40.26	-7.58	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	HT40	Test Freq. (MHz)	5795
Polarization	Vertical	Test Configuration	1

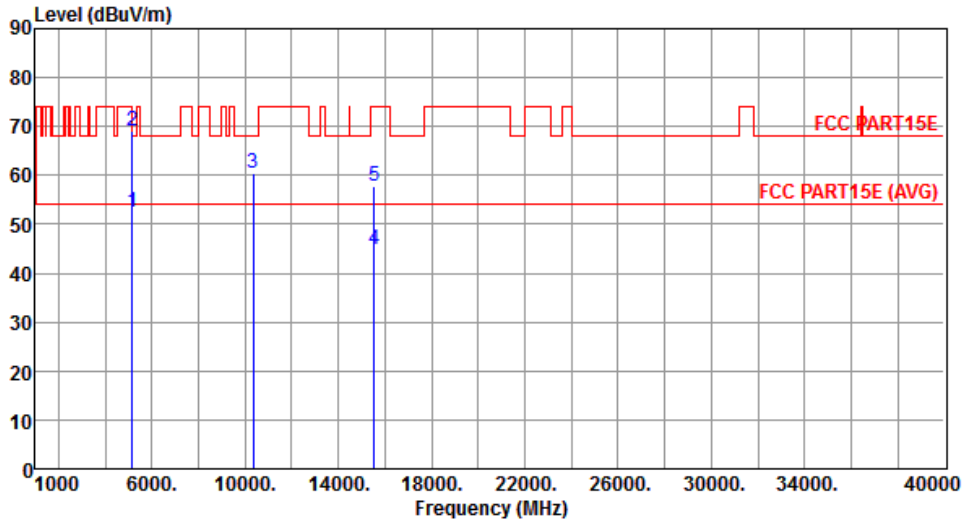


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	48.43	26.56	40.00	-13.44	42.90	-16.34	QP	126	15
2	142.52	28.32	43.50	-15.18	45.22	-16.90	Peak	---	---
3	216.24	31.12	46.00	-14.88	50.25	-19.13	Peak	---	---
4	283.17	30.67	46.00	-15.33	46.99	-16.32	Peak	---	---
5	721.61	29.82	46.00	-16.18	37.40	-7.58	Peak	---	---
6	771.08	34.80	46.00	-11.20	41.55	-6.75	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

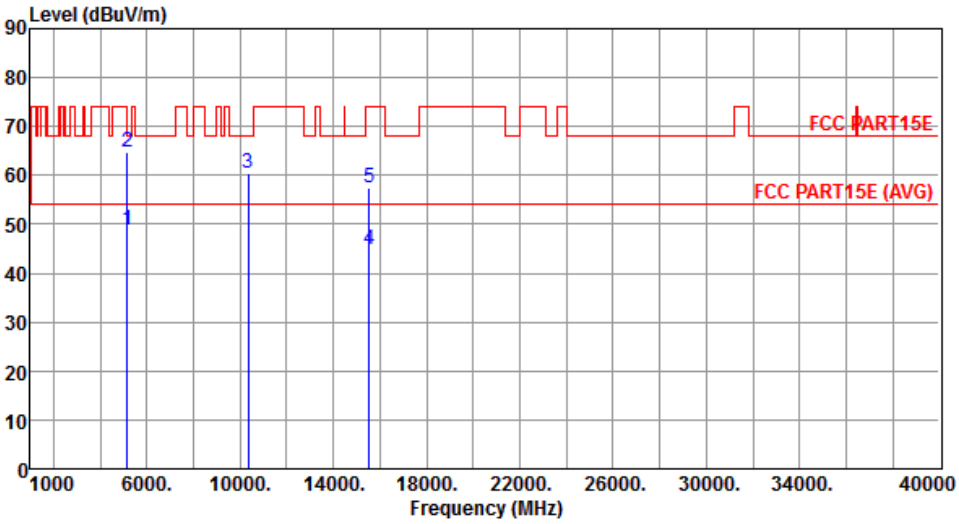
Modulation	11a	Test Freq. (MHz)	5180
Polarization	Horizontal	Test Configuration	1



	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	52.49	54.00	-1.51	48.09	4.40	Average	366	93
2	5150.00	69.07	74.00	-4.93	64.67	4.40	Peak	366	93
3	10360.00	60.47	68.20	-7.73	46.27	14.20	Peak	332	284
4	15540.00	44.84	54.00	-9.16	29.73	15.11	Average	222	324
5	15540.00	57.81	74.00	-16.19	42.70	15.11	Peak	222	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).

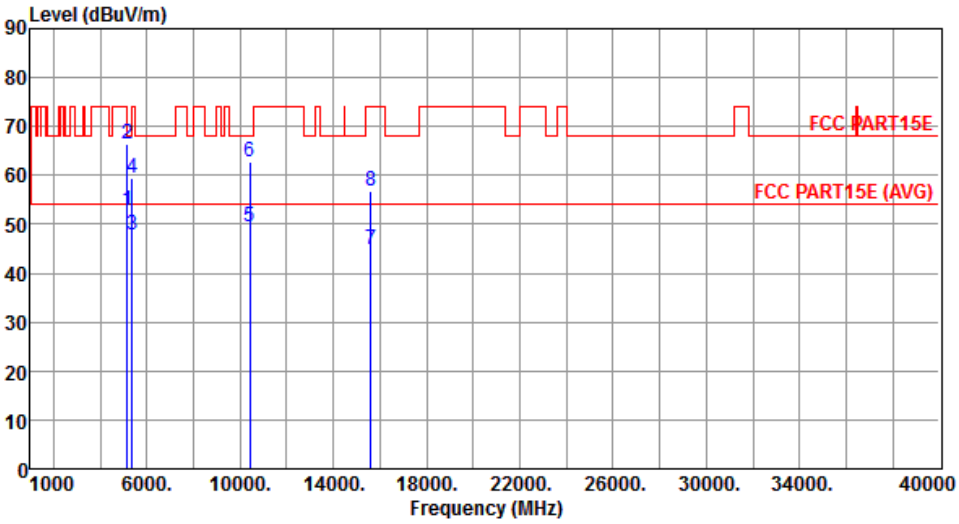
Modulation	11a	Test Freq. (MHz)	5180
Polarization	Vertical	Test Configuration	1



	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	48.79	54.00	-5.21	44.39	4.40	Average	348	20
2	5150.00	64.59	74.00	-9.41	60.19	4.40	Peak	348	20
3	10360.00	60.50	68.20	-7.70	46.30	14.20	Peak	206	189
4	15540.00	44.70	54.00	-9.30	29.59	15.11	Average	222	119
5	15540.00	57.35	74.00	-16.65	42.24	15.11	Peak	222	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).

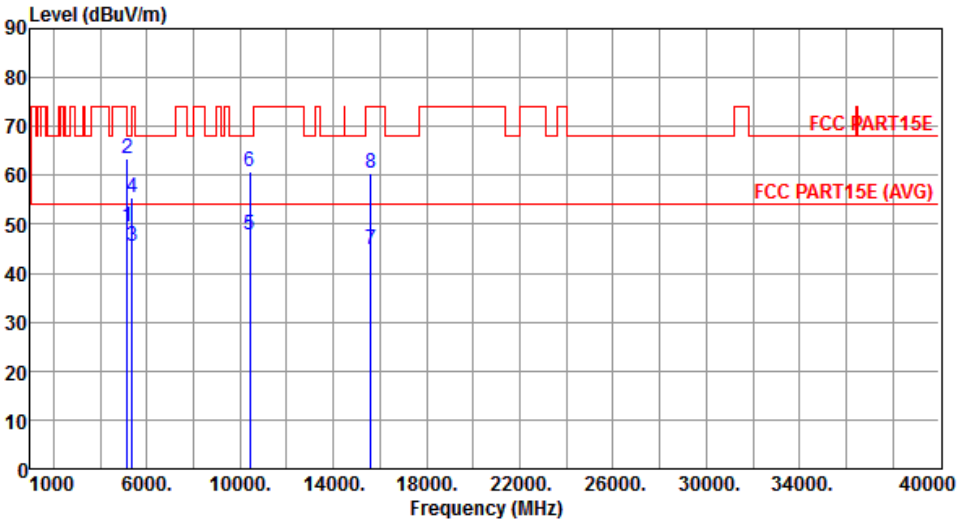
Modulation	11a	Test Freq. (MHz)	5200
Polarization	Horizontal	Test Configuration	1



	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	52.84	54.00	-1.16	48.44	4.40	Average	346	87
2	5150.00	66.56	74.00	-7.44	62.16	4.40	Peak	346	87
3	5350.00	47.78	54.00	-6.22	43.14	4.64	Average	382	97
4	5350.00	59.45	74.00	-14.55	54.81	4.64	Peak	382	97
5	10400.00	49.39	54.00	-4.61	35.11	14.28	Average	323	288
6	10400.00	62.67	68.20	-5.53	48.39	14.28	Peak	323	288
7	15600.00	44.94	54.00	-9.06	29.92	15.02	Average	128	0
8	15600.00	56.64	74.00	-17.36	41.62	15.02	Peak	128	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).

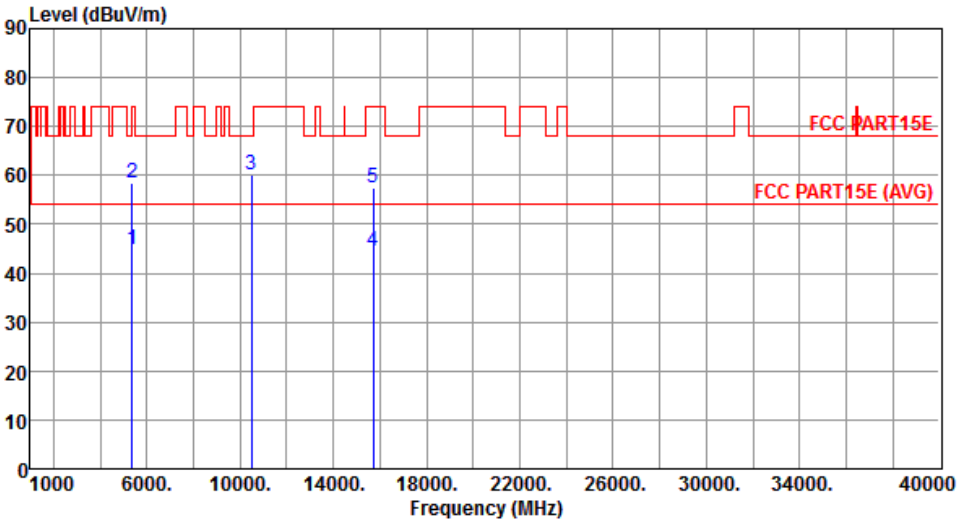
Modulation	11a	Test Freq. (MHz)	5200
Polarization	Vertical	Test Configuration	1



	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	49.43	54.00	-4.57	45.03	4.40	Average	341	11
2	5150.00	63.56	74.00	-10.44	59.16	4.40	Peak	341	11
3	5350.00	45.61	54.00	-8.39	40.97	4.64	Average	341	11
4	5350.00	55.52	74.00	-18.48	50.88	4.64	Peak	341	11
5	10400.00	47.89	54.00	-6.11	33.61	14.28	Average	268	359
6	10400.00	60.77	68.20	-7.43	46.49	14.28	Peak	268	359
7	15600.00	44.74	54.00	-9.26	29.72	15.02	Average	274	184
8	15600.00	60.35	74.00	-13.65	45.33	15.02	Peak	274	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).

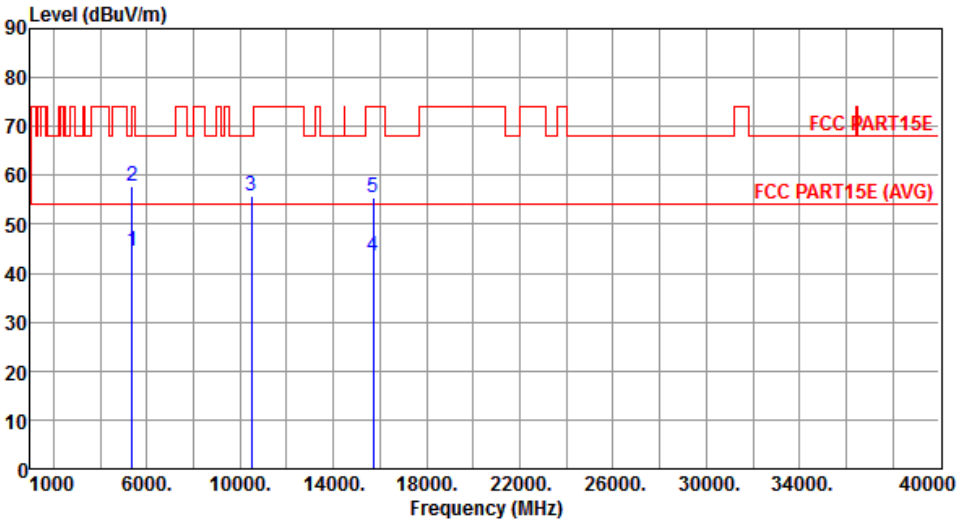
Modulation	11a	Test Freq. (MHz)	5240
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	44.91	54.00	-9.09	40.27	4.64	Average	376	97
2	5350.00	58.50	74.00	-15.50	53.86	4.64	Peak	376	97
3	10480.00	60.15	68.20	-8.05	45.72	14.43	Peak	333	295
4	15720.00	44.48	54.00	-9.52	29.61	14.87	Average	222	265
5	15720.00	57.34	74.00	-16.66	42.47	14.87	Peak	222	265

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

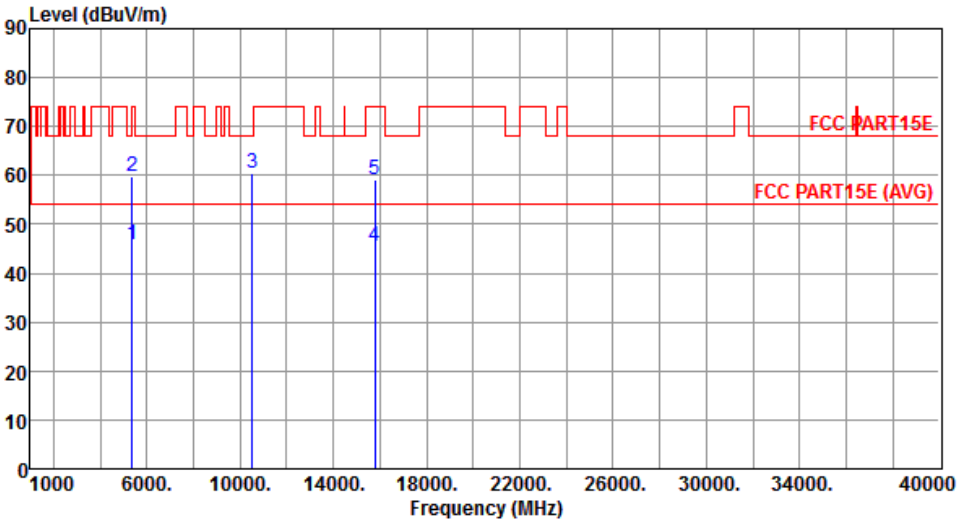
Modulation	11a	Test Freq. (MHz)	5240
Polarization	Vertical	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	44.65	54.00	-9.35	40.01	4.64	Average	340	18
2	5350.00	57.87	74.00	-16.13	53.23	4.64	Peak	340	18
3	10480.00	55.75	68.20	-12.45	41.32	14.43	Peak	255	23
4	15720.00	43.41	54.00	-10.59	28.54	14.87	Average	233	42
5	15720.00	55.52	74.00	-18.48	40.65	14.87	Peak	233	42

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

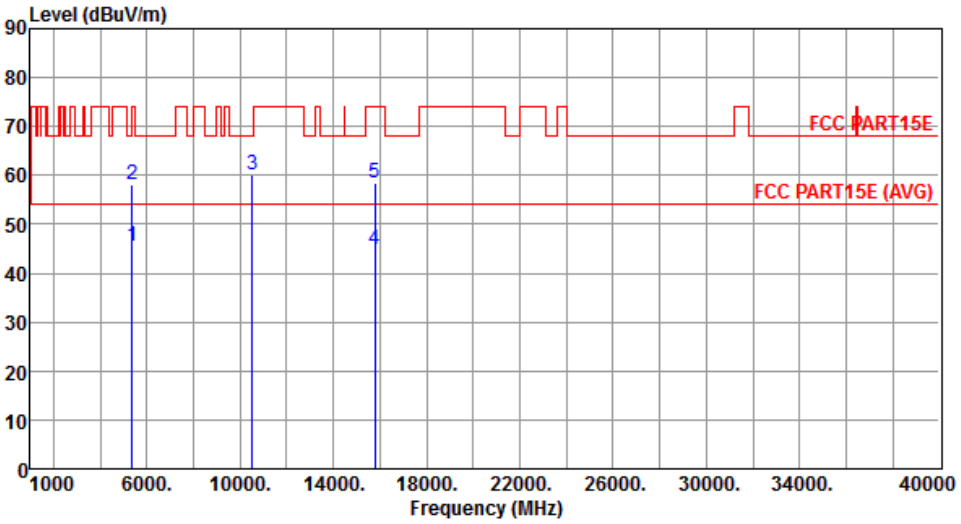
Modulation	11a	Test Freq. (MHz)	5260
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	45.99	54.00	-8.01	41.35	4.64	Average	388	100
2	5350.00	59.68	74.00	-14.32	55.04	4.64	Peak	388	100
3	10520.00	60.29	68.20	-7.91	45.79	14.50	Peak	325	312
4	15780.00	45.40	54.00	-8.60	30.61	14.79	Average	202	289
5	15780.00	59.12	74.00	-14.88	44.33	14.79	Peak	202	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).

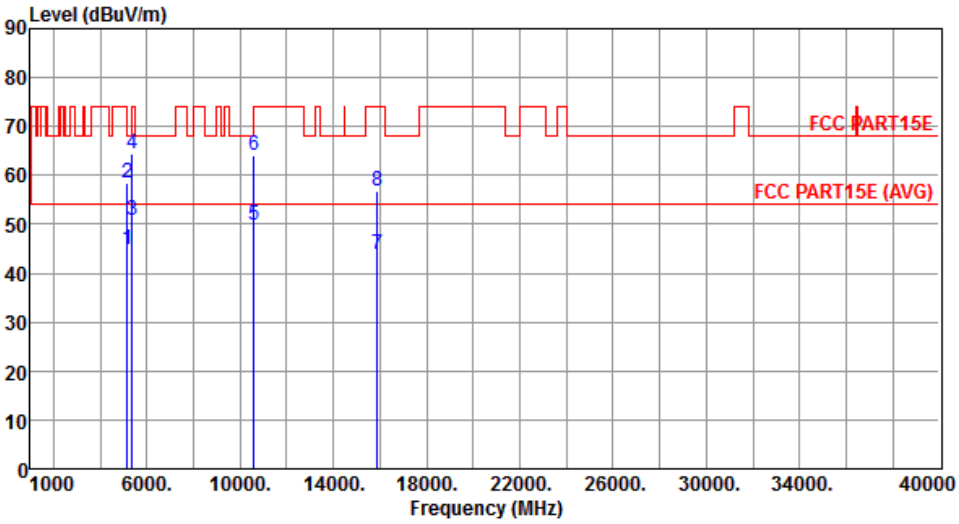
Modulation	11a	Test Freq. (MHz)	5260
Polarization	Vertical	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	45.55	54.00	-8.45	40.91	4.64	Average	350	23
2	5350.00	58.22	74.00	-15.78	53.58	4.64	Peak	350	23
3	10520.00	59.98	68.20	-8.22	45.48	14.50	Peak	322	347
4	15780.00	44.69	54.00	-9.31	29.90	14.79	Average	300	225
5	15780.00	58.48	74.00	-15.52	43.69	14.79	Peak	300	225

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

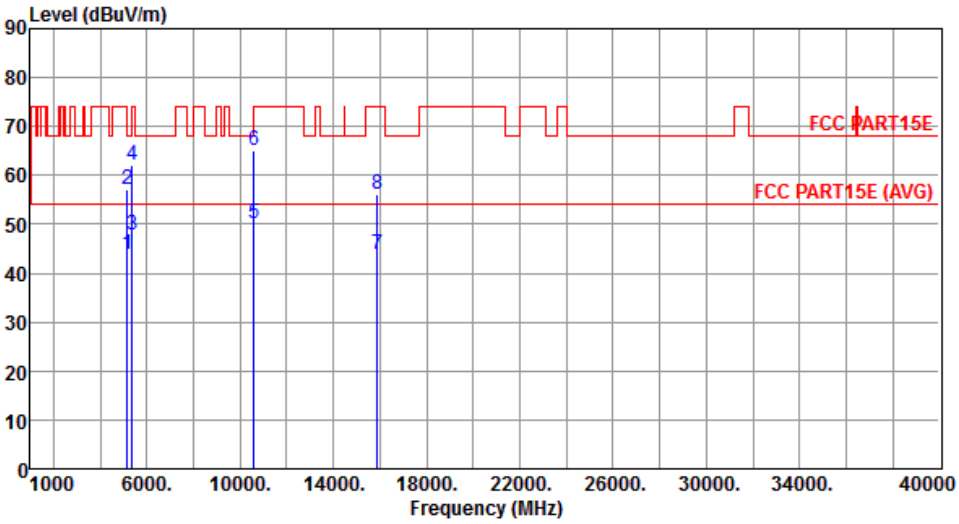
Modulation	11a	Test Freq. (MHz)	5300
Polarization	Horizontal	Test Configuration	1



	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	44.75	54.00	-9.25	40.35	4.40	Average	363	115
2	5150.00	58.36	74.00	-15.64	53.96	4.40	Peak	363	115
3	5350.00	50.83	54.00	-3.17	46.19	4.64	Average	363	115
4	5350.00	64.56	74.00	-9.44	59.92	4.64	Peak	363	115
5	10600.00	49.65	54.00	-4.35	35.06	14.59	Average	208	157
6	10600.00	64.15	74.00	-9.85	49.56	14.59	Peak	208	157
7	15900.00	43.97	54.00	-10.03	29.33	14.64	Average	222	119
8	15900.00	56.65	74.00	-17.35	42.01	14.64	Peak	222	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).

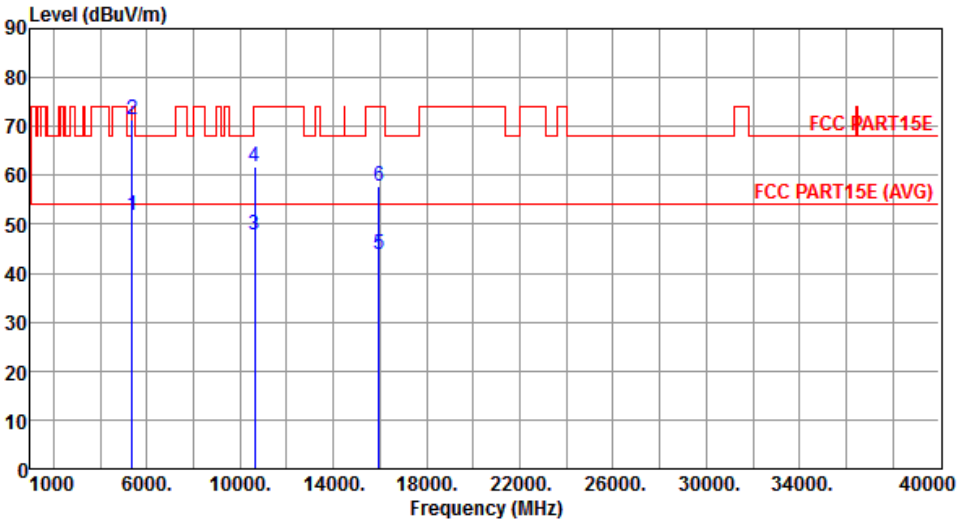
Modulation	11a	Test Freq. (MHz)	5300
Polarization	Vertical	Test Configuration	1



	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	43.86	54.00	-10.14	39.46	4.40	Average	367	8
2	5150.00	57.09	74.00	-16.91	52.69	4.40	Peak	367	8
3	5350.00	47.94	54.00	-6.06	43.30	4.64	Average	367	8
4	5350.00	62.04	74.00	-11.96	57.40	4.64	Peak	367	8
5	10600.00	50.11	54.00	-3.89	35.52	14.59	Average	336	87
6	10600.00	65.10	74.00	-8.90	50.51	14.59	Peak	336	87
7	15900.00	43.93	54.00	-10.07	29.29	14.64	Average	226	187
8	15900.00	56.25	74.00	-17.75	41.61	14.64	Peak	226	187

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

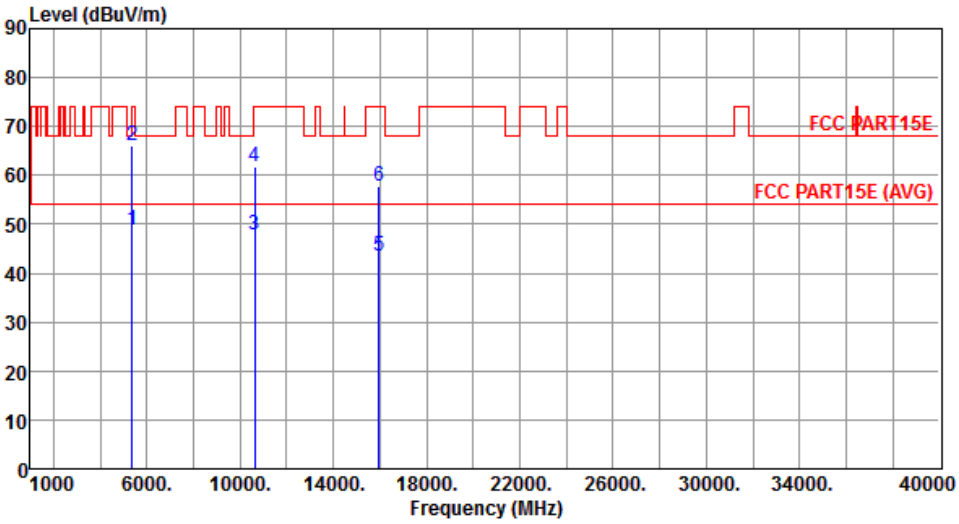
Modulation	11a	Test Freq. (MHz)	5320
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	51.95	54.00	-2.05	47.31	4.64	Average	362	100
2	5350.00	71.41	74.00	-2.59	66.77	4.64	Peak	362	100
3	10640.00	47.88	54.00	-6.12	33.24	14.64	Average	211	165
4	10640.00	61.91	74.00	-12.09	47.27	14.64	Peak	211	165
5	15960.00	43.82	54.00	-10.18	29.27	14.55	Average	226	143
6	15960.00	57.93	74.00	-16.07	43.38	14.55	Peak	226	143

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

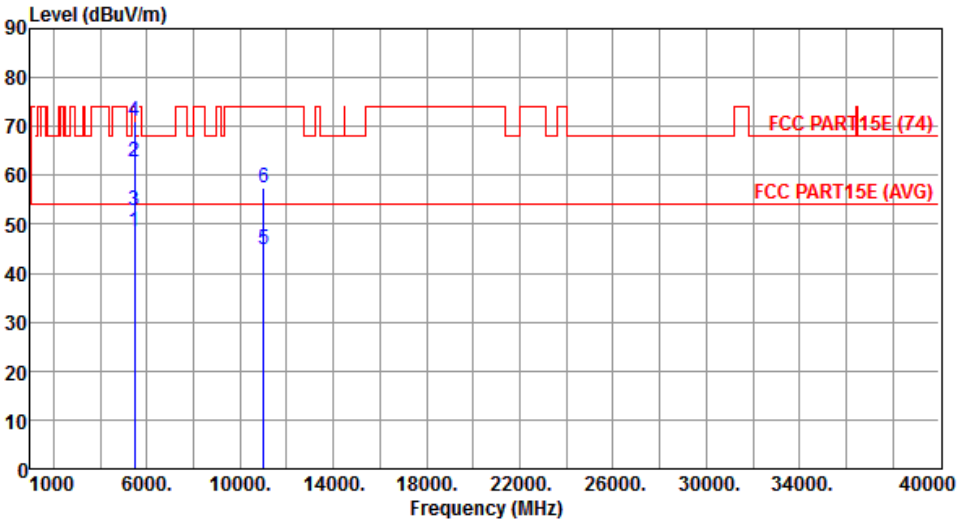
Modulation	11a	Test Freq. (MHz)	5320
Polarization	Vertical	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	48.75	54.00	-5.25	44.11	4.64	Average	344	23
2	5350.00	66.05	74.00	-7.95	61.41	4.64	Peak	344	23
3	10640.00	47.98	54.00	-6.02	33.34	14.64	Average	322	236
4	10640.00	61.87	74.00	-12.13	47.23	14.64	Peak	322	236
5	15960.00	43.65	54.00	-10.35	29.10	14.55	Average	311	220
6	15960.00	57.71	74.00	-16.29	43.16	14.55	Peak	311	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).

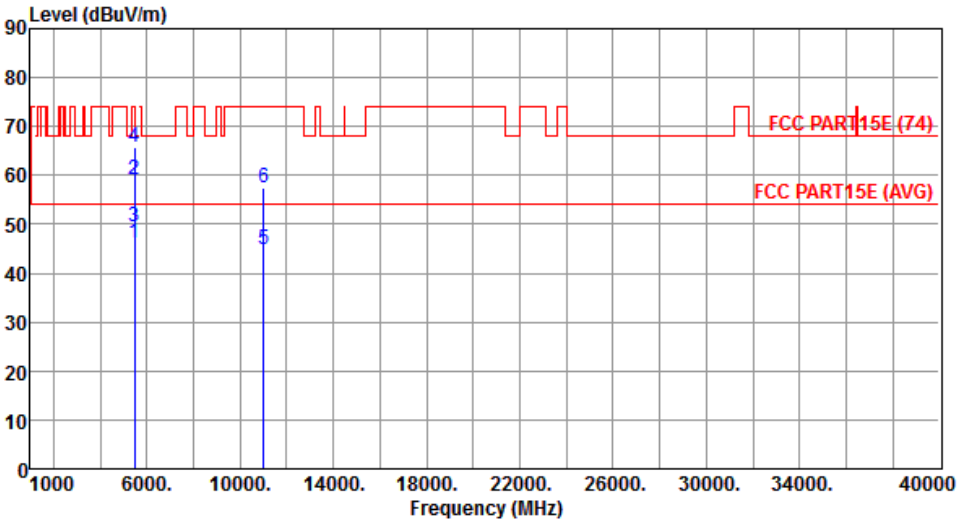
Modulation	11a	**Test Freq. (MHz)**	5500
Polarization	Horizontal	**Test Configuration**	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	48.48	54.00	-5.52	43.70	4.78	Average	380	98
2	5460.00	62.89	74.00	-11.11	58.11	4.78	Peak	380	98
3	5470.00	52.90	54.00	-1.10	48.11	4.79	Average	380	98
4	5470.00	70.98	74.00	-3.02	66.19	4.79	Peak	380	98
5	11000.00	44.83	54.00	-9.17	29.77	15.06	Average	222	325
6	11000.00	57.31	74.00	-16.69	42.25	15.06	Peak	222	325

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

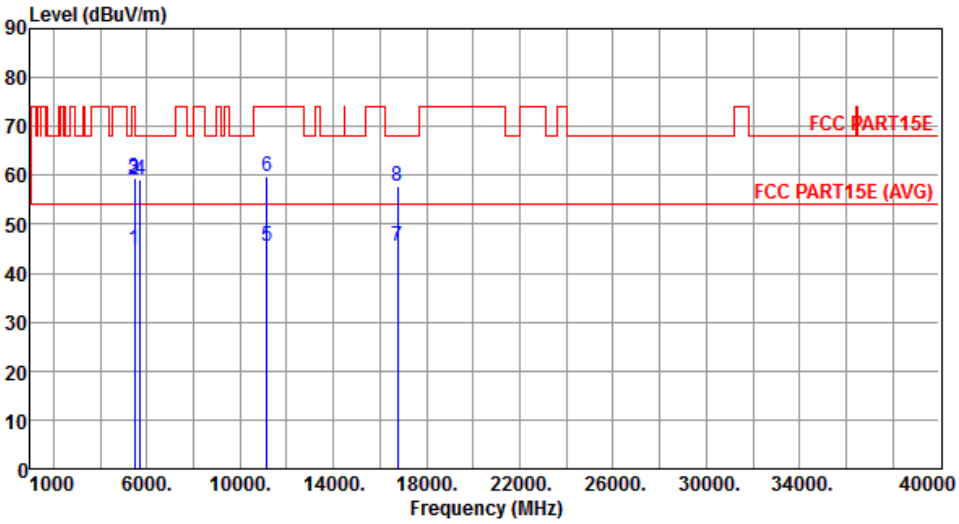
Modulation	11a	Test Freq. (MHz)	5500
Polarization	Vertical	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	46.13	54.00	-7.87	41.35	4.78	Average	340	16
2	5460.00	59.06	74.00	-14.94	54.28	4.78	Peak	340	16
3	5470.00	49.47	54.00	-4.53	44.68	4.79	Average	340	16
4	5470.00	65.74	74.00	-8.26	60.95	4.79	Peak	340	16
5	11000.00	44.67	54.00	-9.33	29.61	15.06	Average	229	39
6	11000.00	57.61	74.00	-16.39	42.55	15.06	Peak	229	39

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

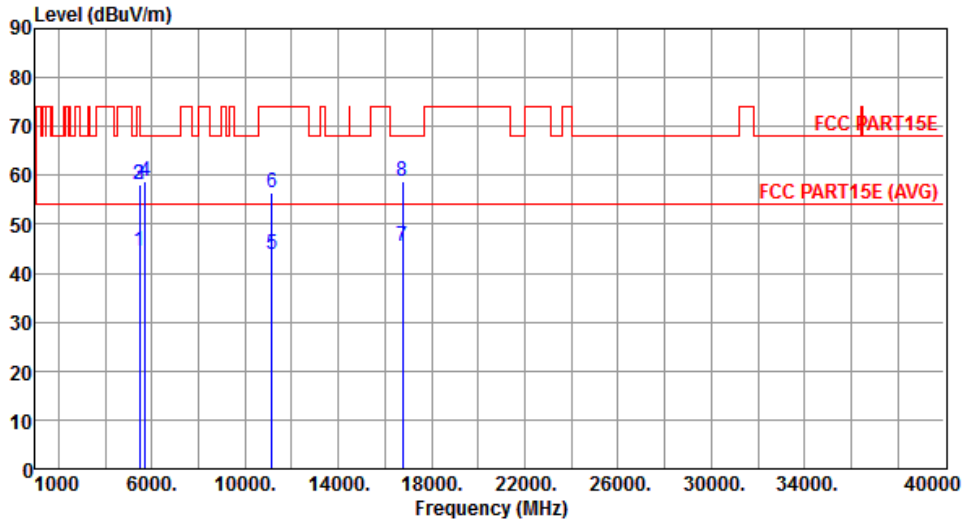
Modulation	11a	Test Freq. (MHz)	5580
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	44.99	54.00	-9.01	40.21	4.78	Average	382	99
2	5460.00	58.98	74.00	-15.02	54.20	4.78	Peak	382	99
3	5470.00	59.53	68.20	-8.67	54.74	4.79	Peak	382	99
4	5725.00	59.03	68.20	-9.17	53.94	5.09	Peak	382	99
5	11160.00	45.62	54.00	-8.38	30.41	15.21	Average	204	165
6	11160.00	59.83	74.00	-14.17	44.62	15.21	Peak	204	165
7	16740.00	45.62	54.00	-8.38	28.36	17.26	Average	166	234
8	16740.00	57.93	68.20	-10.27	40.67	17.26	Peak	166	234

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

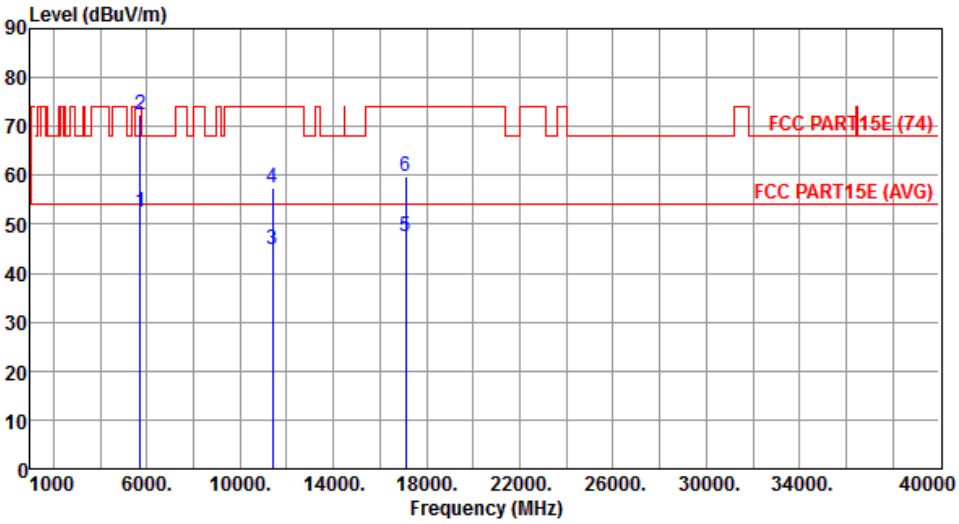
Modulation	11a	Test Freq. (MHz)	5580
Polarization	Vertical	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	44.66	54.00	-9.34	39.88	4.78	Average	330	5
2	5460.00	58.07	74.00	-15.93	53.29	4.78	Peak	330	5
3	5470.00	58.27	68.20	-9.93	53.48	4.79	Peak	330	5
4	5725.00	58.87	68.20	-9.33	53.78	5.09	Peak	330	5
5	11160.00	43.86	54.00	-10.14	28.65	15.21	Average	242	56
6	11160.00	56.59	74.00	-17.41	41.38	15.21	Peak	242	56
7	16740.00	45.47	54.00	-8.53	28.21	17.26	Average	245	212
8	16740.00	58.82	68.20	-9.38	41.56	17.26	Peak	245	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).

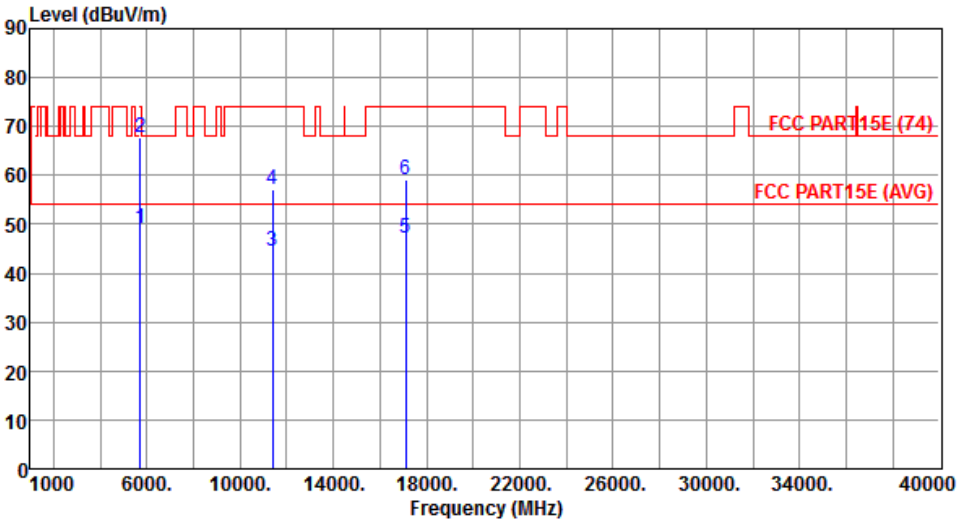
Modulation	11a	Test Freq. (MHz)	5700
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5725.00	52.35	54.00	-1.65	47.26	5.09	Average	362	105
2	5725.00	72.43	74.00	-1.57	67.34	5.09	Peak	362	105
3	11400.00	44.91	54.00	-9.09	29.47	15.44	Average	234	116
4	11400.00	57.41	74.00	-16.59	41.97	15.44	Peak	234	116
5	17100.00	47.33	54.00	-6.67	28.83	18.50	Average	222	159
6	17100.00	59.75	74.00	-14.25	41.25	18.50	Peak	222	159

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

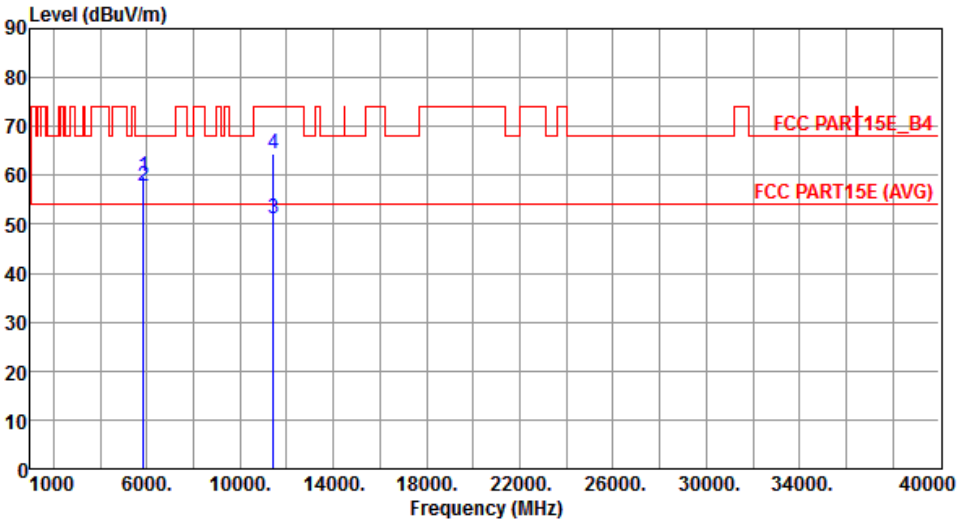
Modulation	11a	Test Freq. (MHz)	5700
Polarization	Vertical	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5725.00	49.12	54.00	-4.88	44.03	5.09	Average	332	18
2	5725.00	67.62	74.00	-6.38	62.53	5.09	Peak	332	18
3	11400.00	44.53	54.00	-9.47	29.09	15.44	Average	265	221
4	11400.00	57.04	74.00	-16.96	41.60	15.44	Peak	265	221
5	17100.00	47.01	54.00	-6.99	28.51	18.50	Average	253	322
6	17100.00	59.15	74.00	-14.85	40.65	18.50	Peak	253	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).

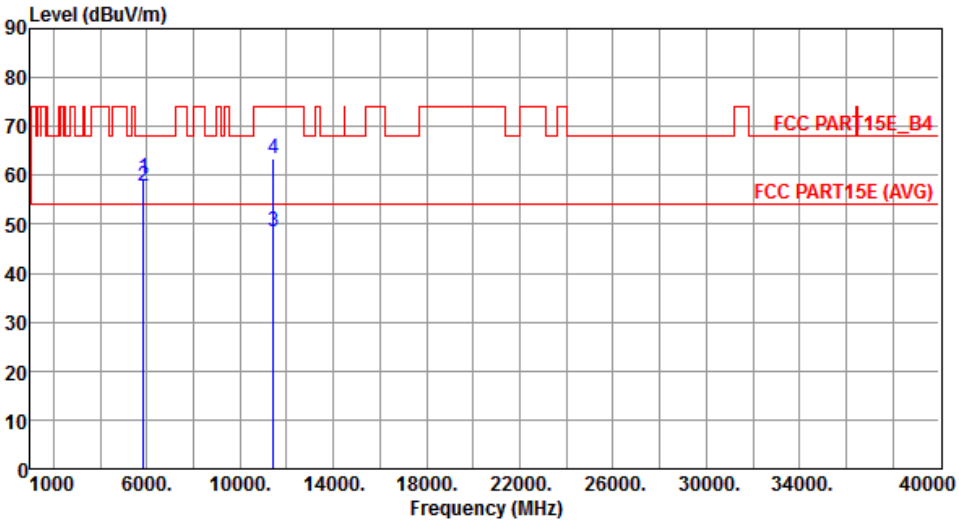
Modulation	11a	Test Freq. (MHz)	5720
Polarization	Horizontal	Test Configuration	1



	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	59.93	78.20	-18.27	54.67	5.26	Peak	365	87
2	5860.00	57.77	68.20	-10.43	52.50	5.27	Peak	365	87
3	11440.00	51.30	54.00	-2.70	35.81	15.49	Average	100	167
4	11440.00	64.40	74.00	-9.60	48.91	15.49	Peak	100	167

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

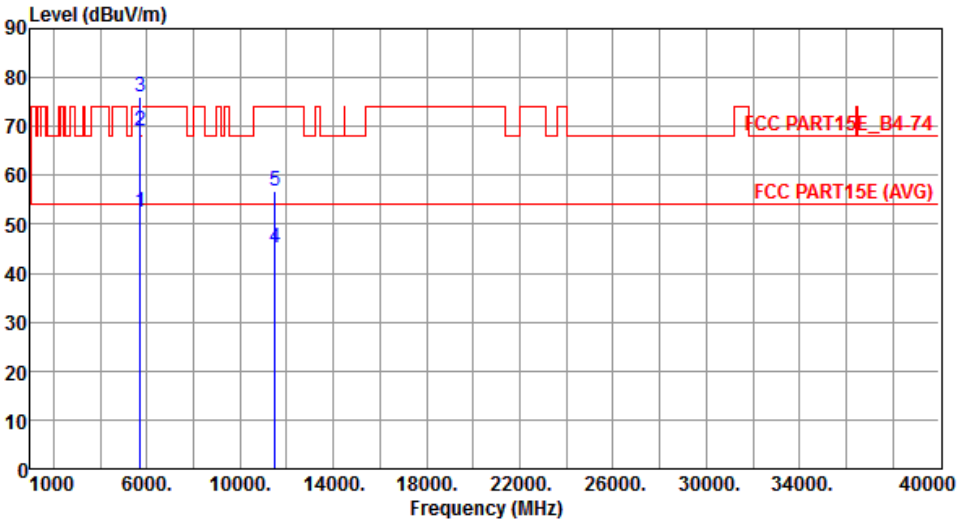
Modulation	11a	Test Freq. (MHz)	5720
Polarization	Vertical	Test Configuration	1



	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	59.56	78.20	-18.64	54.30	5.26	Peak	329	174
2	5860.00	57.80	68.20	-10.40	52.53	5.27	Peak	329	174
3	11440.00	48.52	54.00	-5.48	33.03	15.49	Average	100	169
4	11440.00	63.35	74.00	-10.65	47.86	15.49	Peak	100	169

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

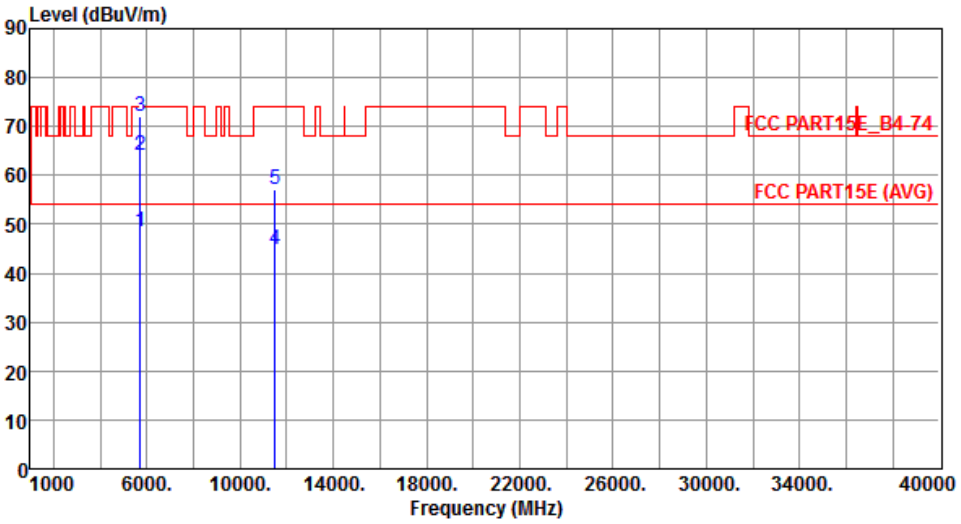
Modulation	11a	Test Freq. (MHz)	5745
Polarization	Horizontal	Test Configuration	1



	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	52.37	54.00	-1.63	47.27	5.10	Average	214	144
2	5715.00	68.96	74.00	-5.04	63.86	5.10	Peak	214	144
3	5725.00	76.11	78.20	-2.09	71.02	5.09	Peak	214	144
4	11490.00	45.03	54.00	-8.97	29.50	15.53	Average	222	321
5	11490.00	56.81	74.00	-17.19	41.28	15.53	Peak	222	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).

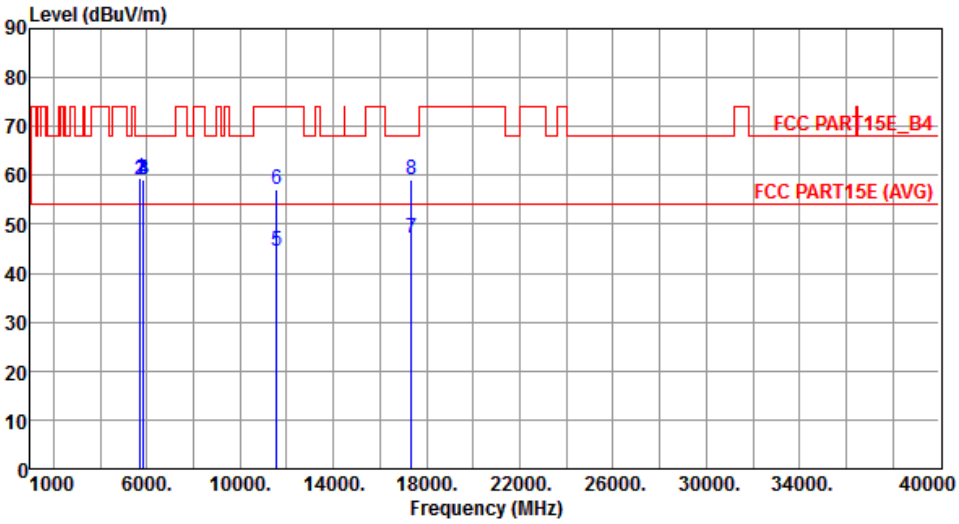
Modulation	11a	Test Freq. (MHz)	5745
Polarization	Vertical	Test Configuration	1



	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	48.62	54.00	-5.38	43.52	5.10	Average	325	4
2	5715.00	64.23	74.00	-9.77	59.13	5.10	Peak	325	4
3	5725.00	72.15	78.20	-6.05	67.06	5.09	Peak	325	4
4	11490.00	44.78	54.00	-9.22	29.25	15.53	Average	226	321
5	11490.00	57.24	74.00	-16.76	41.71	15.53	Peak	226	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).

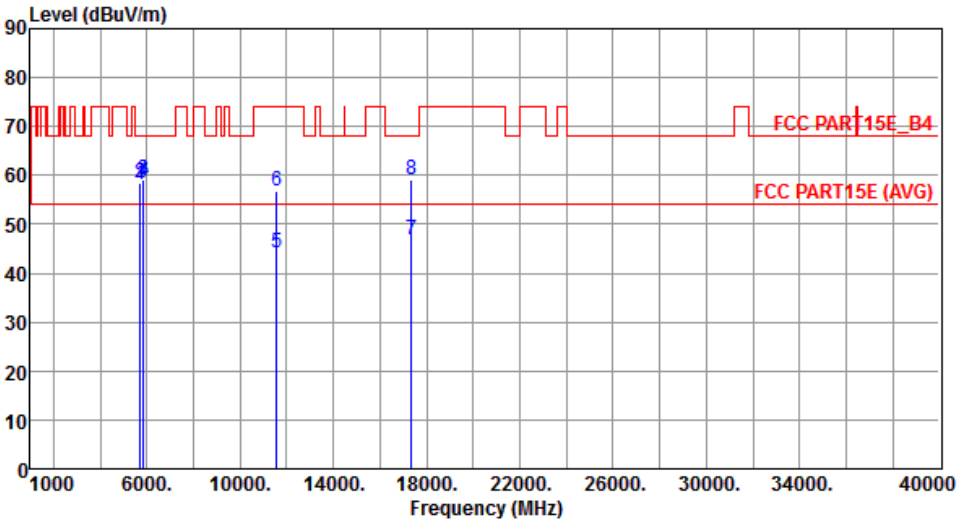
Modulation	11a	Test Freq. (MHz)	5785
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	59.31	68.20	-8.89	54.21	5.10	Peak	210	137
2	5725.00	58.97	78.20	-19.23	53.88	5.09	Peak	210	137
3	5850.00	59.26	78.20	-18.94	54.00	5.26	Peak	210	137
4	5860.00	59.24	68.20	-8.96	53.97	5.27	Peak	210	137
5	11570.00	44.35	54.00	-9.65	29.02	15.33	Average	226	144
6	11570.00	57.03	74.00	-16.97	41.70	15.33	Peak	226	144
7	17355.00	47.04	54.00	-6.96	27.83	19.21	Average	222	321
8	17355.00	59.11	68.20	-9.09	39.90	19.21	Peak	222	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).

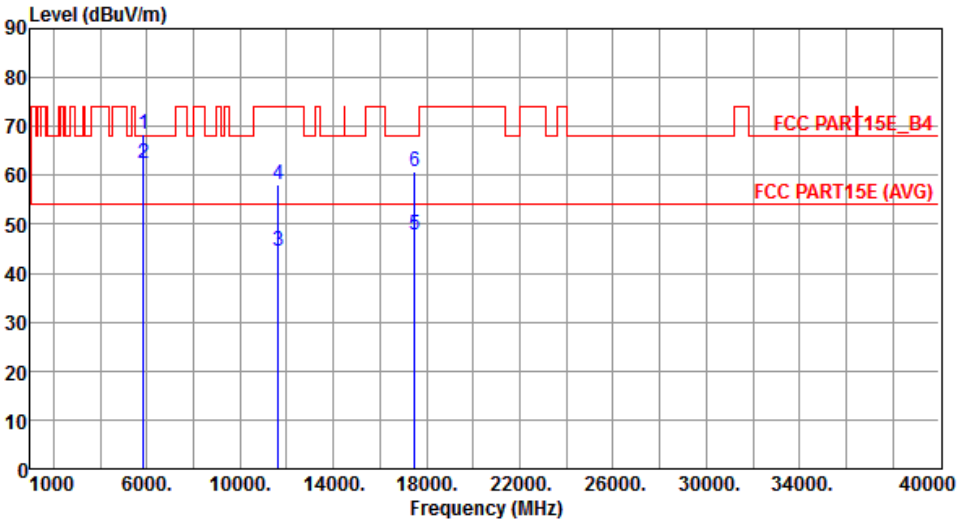
Modulation	11a	Test Freq. (MHz)	5785
Polarization	Vertical	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	58.10	68.20	-10.10	53.00	5.10	Peak	332	16
2	5725.00	58.44	78.20	-19.76	53.35	5.09	Peak	332	16
3	5850.00	59.05	78.20	-19.15	53.79	5.26	Peak	332	16
4	5860.00	58.83	68.20	-9.37	53.56	5.27	Peak	332	16
5	11570.00	44.23	54.00	-9.77	28.90	15.33	Average	222	168
6	11570.00	56.91	74.00	-17.09	41.58	15.33	Peak	222	168
7	17355.00	46.92	54.00	-7.08	27.71	19.21	Average	219	165
8	17355.00	59.03	68.20	-9.17	39.82	19.21	Peak	219	165

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

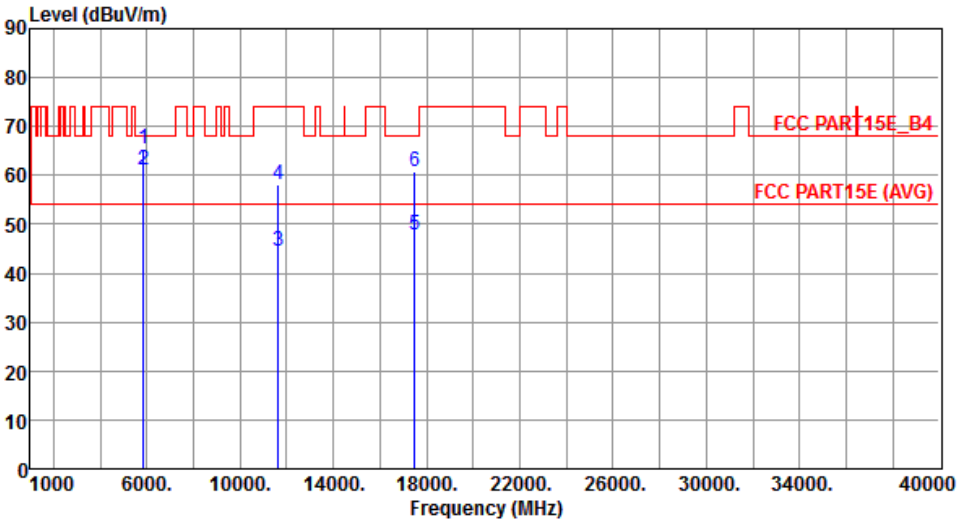
Modulation	11a	Test Freq. (MHz)	5825
Polarization	Horizontal	Test Configuration	1



	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	68.42	78.20	-9.78	63.16	5.26	Peak	213	136
2	5860.00	62.28	68.20	-5.92	57.01	5.27	Peak	213	136
3	11650.00	44.48	54.00	-9.52	29.39	15.09	Average	222	321
4	11650.00	58.21	74.00	-15.79	43.12	15.09	Peak	222	321
5	17475.00	47.84	54.00	-6.16	28.29	19.55	Average	321	124
6	17475.00	60.92	68.20	-7.28	41.37	19.55	Peak	321	124

Note 1: Emission Level (dBuV/m) = SA Reading (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

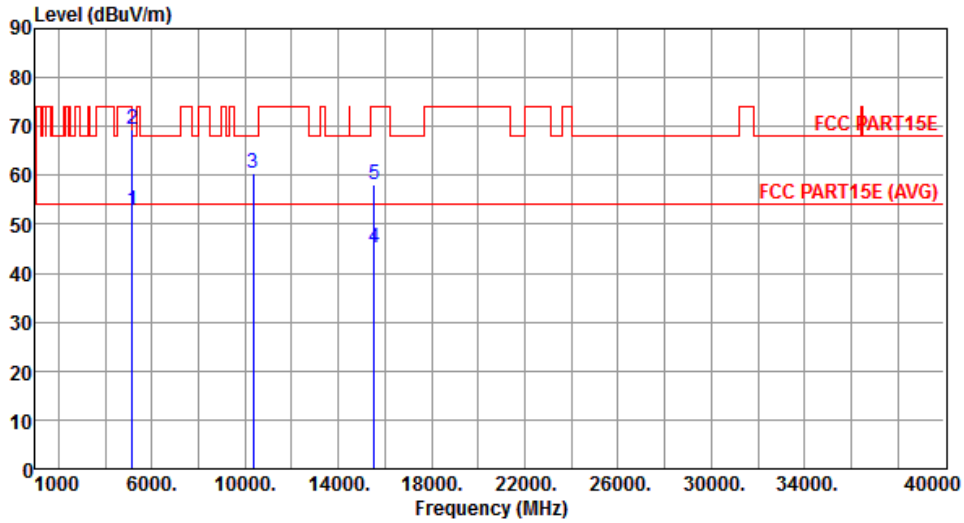


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5850.00	65.39	78.20	-12.81	60.13	5.26	Peak	336	26
2	5860.00	61.18	68.20	-7.02	55.91	5.27	Peak	336	26
3	11650.00	44.38	54.00	-9.62	29.29	15.09	Average	229	146
4	11650.00	58.08	74.00	-15.92	42.99	15.09	Peak	229	149
5	17475.00	47.77	54.00	-6.23	28.22	19.55	Average	224	165
6	17475.00	60.84	68.20	-7.36	41.29	19.55	Peak	224	165

Note 1: Emission Level (dBuV/m) = SA Reading (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

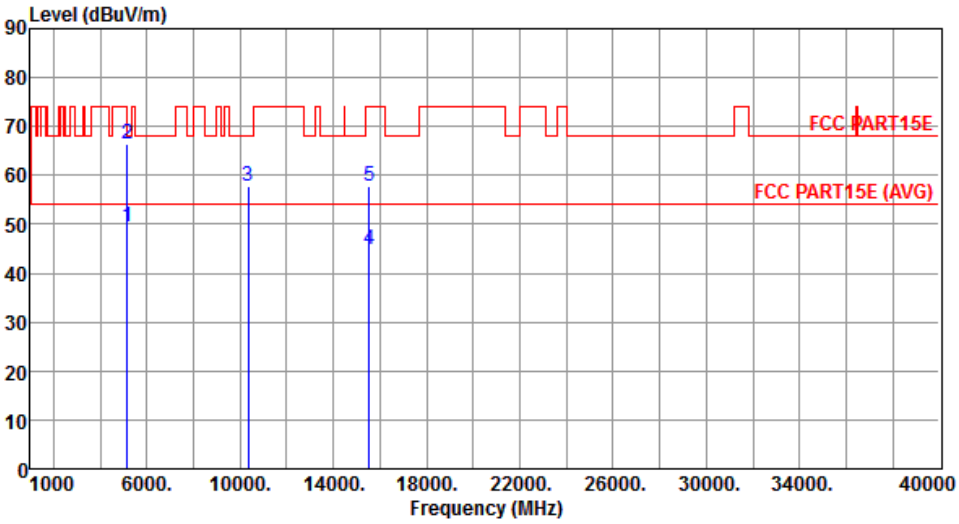
Modulation	VHT20	Test Freq. (MHz)	5180
Polarization	Horizontal	Test Configuration	1



	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	52.83	54.00	-1.17	48.43	4.40	Average	346	94
2	5150.00	69.42	74.00	-4.58	65.02	4.40	Peak	346	94
3	10360.00	60.37	68.20	-7.83	46.17	14.20	Peak	216	159
4	15540.00	45.02	54.00	-8.98	29.91	15.11	Average	169	322
5	15540.00	58.05	74.00	-15.95	42.94	15.11	Peak	169	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).

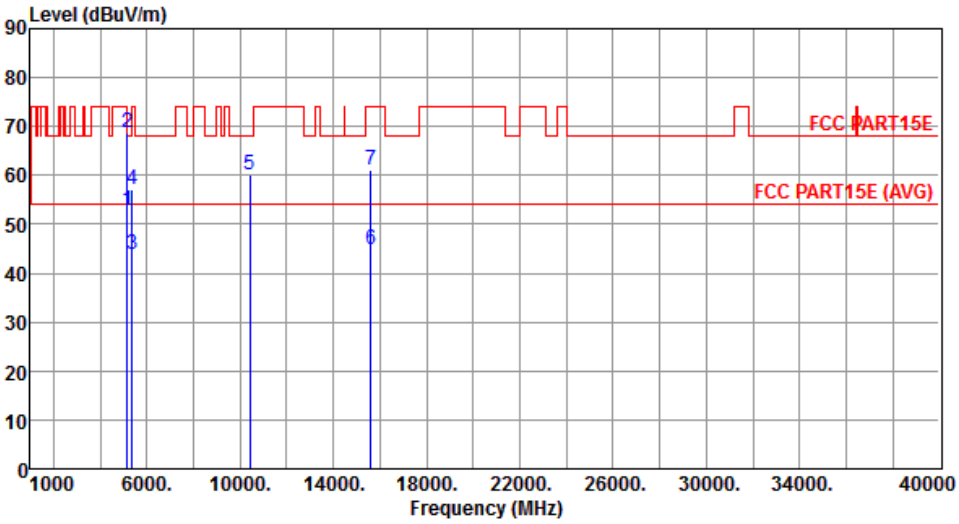
Modulation	VHT20	Test Freq. (MHz)	5180
Polarization	Vertical	Test Configuration	1



	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	49.48	54.00	-4.52	45.08	4.40	Average	341	15
2	5150.00	66.55	74.00	-7.45	62.15	4.40	Peak	341	15
3	10360.00	57.69	68.20	-10.51	43.49	14.20	Peak	251	189
4	15540.00	44.92	54.00	-9.08	29.81	15.11	Average	222	166
5	15540.00	57.93	74.00	-16.07	42.82	15.11	Peak	222	166

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

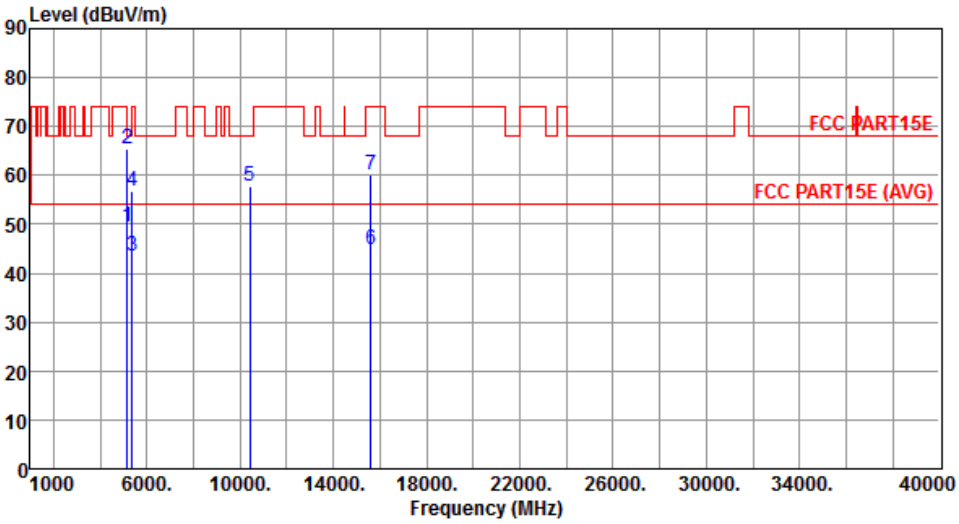
Modulation	VHT20	Test Freq. (MHz)	5200
Polarization	Horizontal	Test Configuration	1



	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	52.89	54.00	-1.11	48.49	4.40	Average	347	93
2	5150.00	68.73	74.00	-5.27	64.33	4.40	Peak	347	93
3	5350.00	43.70	54.00	-10.30	39.06	4.64	Average	347	93
4	5350.00	57.05	74.00	-16.95	52.41	4.64	Peak	347	93
5	10400.00	59.96	68.20	-8.24	45.68	14.28	Peak	235	183
6	15600.00	44.81	54.00	-9.19	29.79	15.02	Average	222	174
7	15600.00	61.06	74.00	-12.94	46.04	15.02	Peak	222	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).

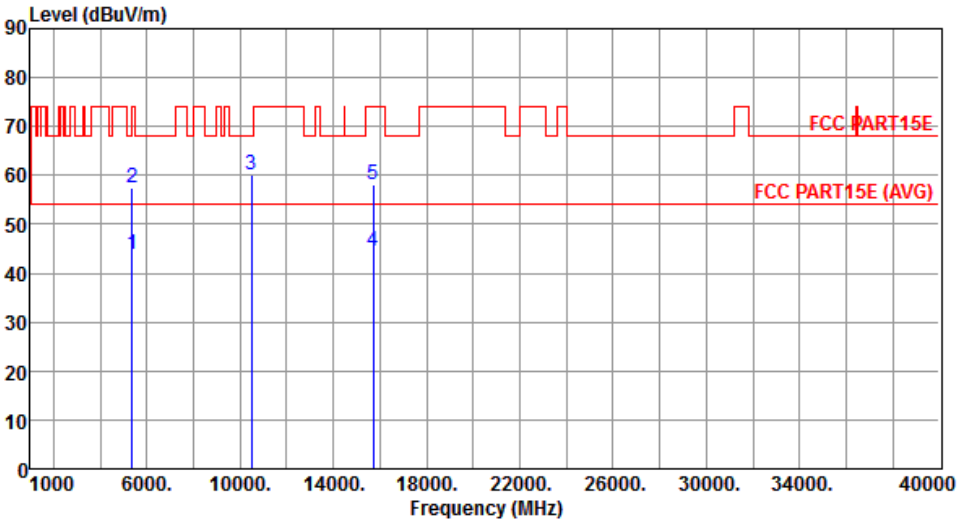
Modulation	VHT20	Test Freq. (MHz)	5200
Polarization	Vertical	Test Configuration	1



	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	49.54	54.00	-4.46	45.14	4.40	Average	339	11
2	5150.00	65.47	74.00	-8.53	61.07	4.40	Peak	339	11
3	5350.00	43.50	54.00	-10.50	38.86	4.64	Average	339	11
4	5350.00	56.78	74.00	-17.22	52.14	4.64	Peak	339	11
5	10400.00	57.62	68.20	-10.58	43.34	14.28	Peak	289	226
6	15600.00	44.73	54.00	-9.27	29.71	15.02	Average	167	111
7	15600.00	59.97	74.00	-14.03	44.95	15.02	Peak	167	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).

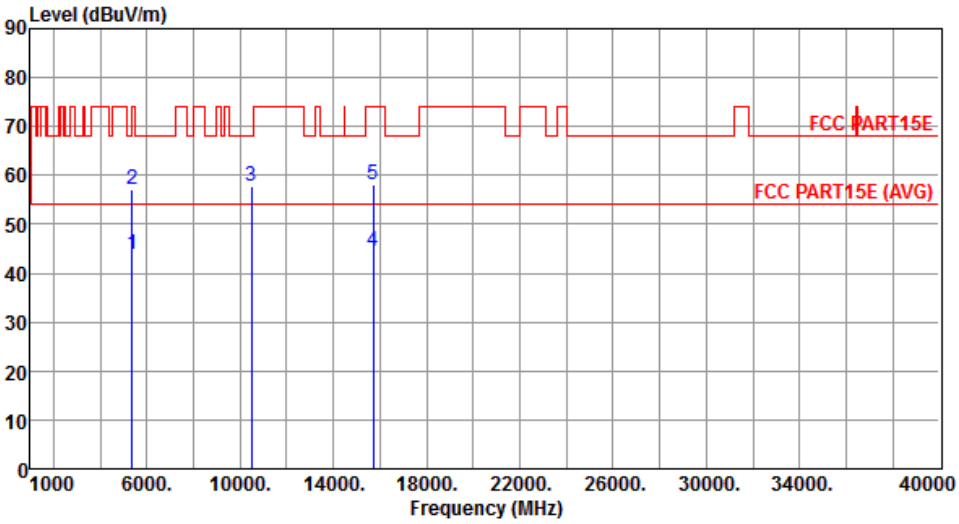
Modulation	VHT20	Test Freq. (MHz)	5240
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	43.85	54.00	-10.15	39.21	4.64	Average	355	94
2	5350.00	57.30	74.00	-16.70	52.66	4.64	Peak	355	94
3	10480.00	59.95	68.20	-8.25	45.52	14.43	Peak	232	164
4	15720.00	44.59	54.00	-9.41	29.72	14.87	Average	188	102
5	15720.00	58.19	74.00	-15.81	43.32	14.87	Peak	188	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).

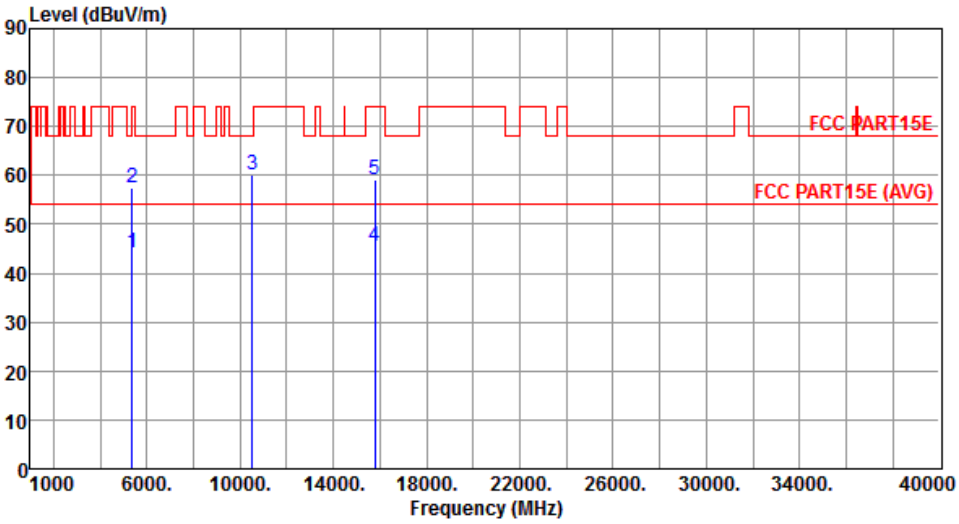
Modulation	VHT20	Test Freq. (MHz)	5240
Polarization	Vertical	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	43.76	54.00	-10.24	39.12	4.64	Average	336	14
2	5350.00	57.05	74.00	-16.95	52.41	4.64	Peak	336	14
3	10480.00	57.71	68.20	-10.49	43.28	14.43	Peak	298	178
4	15720.00	44.51	54.00	-9.49	29.64	14.87	Average	221	169
5	15720.00	58.14	74.00	-15.86	43.27	14.87	Peak	221	169

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

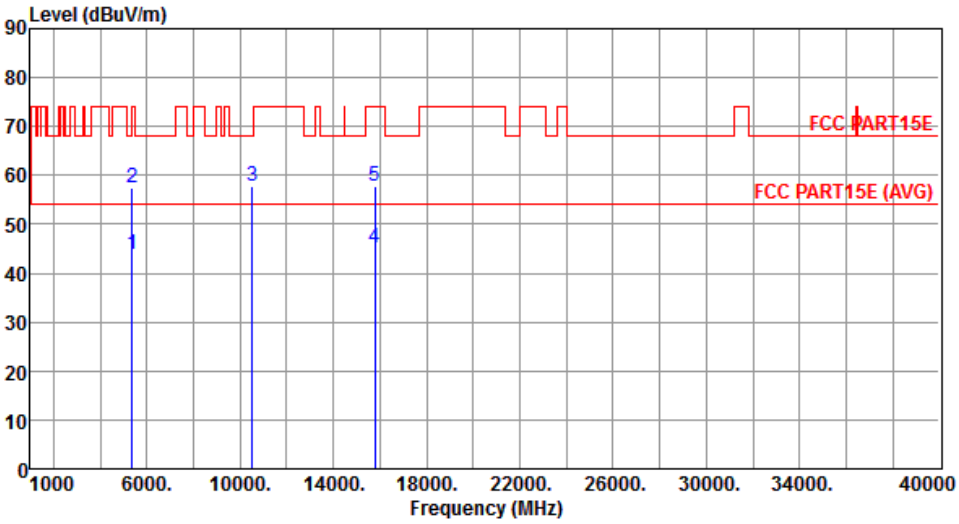
Modulation	VHT20	Test Freq. (MHz)	5260
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	44.05	54.00	-9.95	39.41	4.64	Average	372	96
2	5350.00	57.61	74.00	-16.39	52.97	4.64	Peak	372	96
3	10520.00	60.14	68.20	-8.06	45.64	14.50	Peak	218	159
4	15780.00	45.49	54.00	-8.51	30.70	14.79	Average	322	148
5	15780.00	59.27	74.00	-14.73	44.48	14.79	Peak	322	148

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

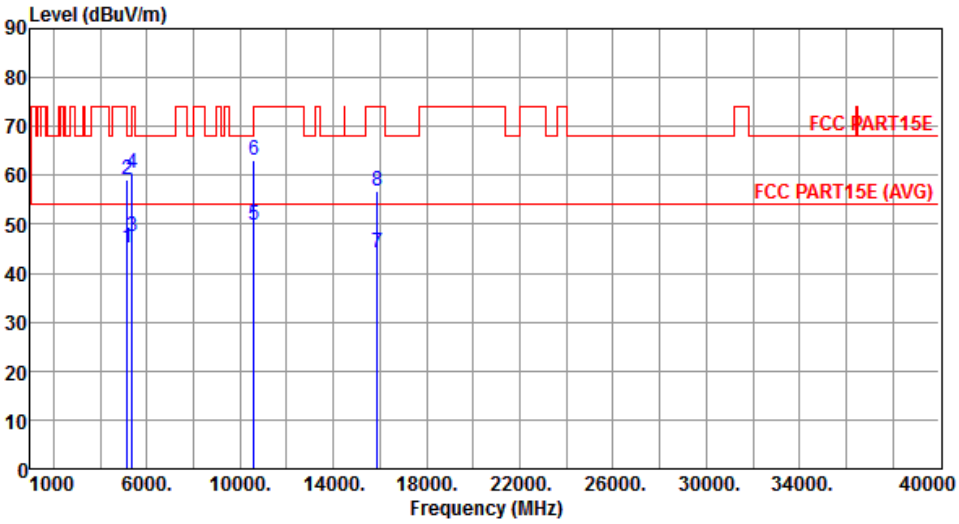
Modulation	VHT20	Test Freq. (MHz)	5260
Polarization	Vertical	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	43.90	54.00	-10.10	39.26	4.64	Average	326	19
2	5350.00	57.38	74.00	-16.62	52.74	4.64	Peak	326	19
3	10520.00	57.71	68.20	-10.49	43.21	14.50	Peak	288	206
4	15780.00	45.15	54.00	-8.85	30.36	14.79	Average	246	135
5	15780.00	57.93	74.00	-16.07	43.14	14.79	Peak	246	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).

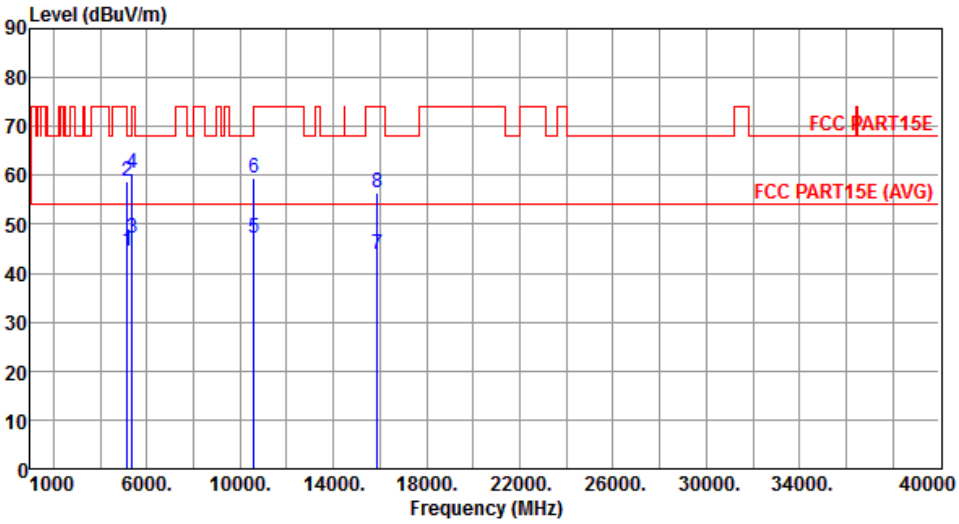
Modulation	VHT20	Test Freq. (MHz)	5300
Polarization	Horizontal	Test Configuration	1



	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	45.24	54.00	-8.76	40.84	4.40	Average	367	101
2	5150.00	59.17	74.00	-14.83	54.77	4.40	Peak	367	101
3	5350.00	47.41	54.00	-6.59	42.77	4.64	Average	367	101
4	5350.00	60.56	74.00	-13.44	55.92	4.64	Peak	367	101
5	10600.00	49.77	54.00	-4.23	35.18	14.59	Average	221	159
6	10600.00	63.21	74.00	-10.79	48.62	14.59	Peak	221	159
7	15900.00	44.14	54.00	-9.86	29.50	14.64	Average	177	258
8	15900.00	56.76	74.00	-17.24	42.12	14.64	Peak	177	258

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

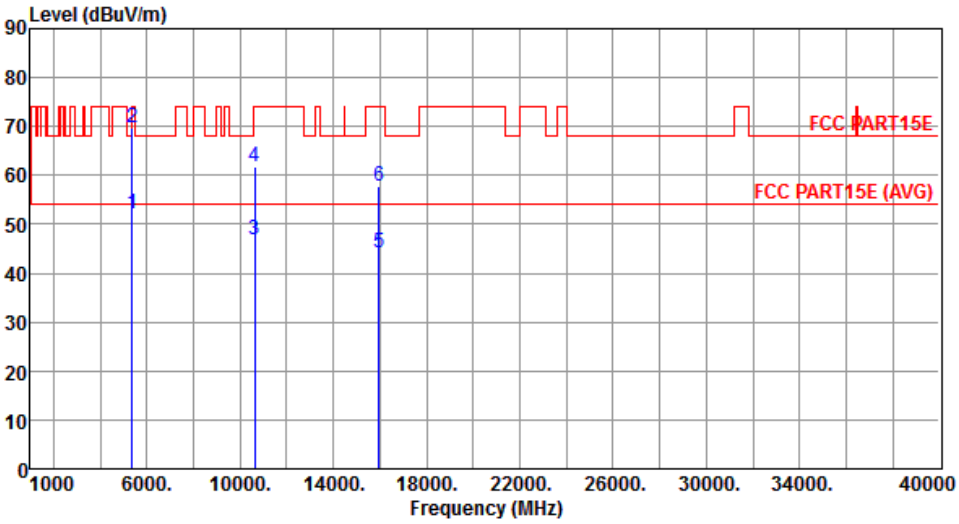
Modulation	VHT20	Test Freq. (MHz)	5300
Polarization	Vertical	Test Configuration	1



	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	44.55	54.00	-9.45	40.15	4.40	Average	343	9
2	5150.00	58.85	74.00	-15.15	54.45	4.40	Peak	343	9
3	5350.00	47.15	54.00	-6.85	42.51	4.64	Average	343	9
4	5350.00	60.50	74.00	-13.50	55.86	4.64	Peak	343	9
5	10600.00	47.15	54.00	-6.85	32.56	14.59	Average	296	303
6	10600.00	59.40	74.00	-14.60	44.81	14.59	Peak	296	303
7	15900.00	43.93	54.00	-10.07	29.29	14.64	Average	222	215
8	15900.00	56.58	74.00	-17.42	41.94	14.64	Peak	222	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).

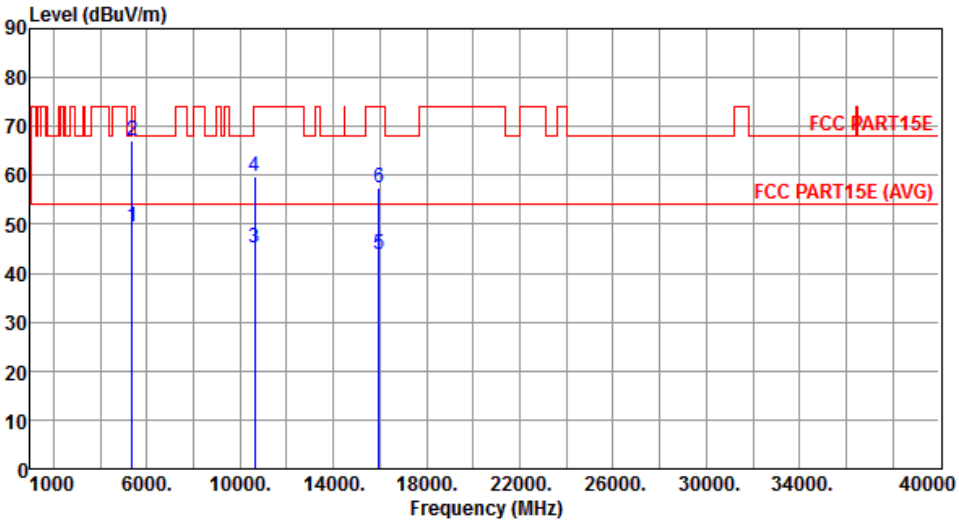
Modulation	VHT20	Test Freq. (MHz)	5320
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	52.22	54.00	-1.78	47.58	4.64	Average	338	112
2	5350.00	69.85	74.00	-4.15	65.21	4.64	Peak	338	112
3	10640.00	46.97	54.00	-7.03	32.33	14.64	Average	222	166
4	10640.00	61.89	74.00	-12.11	47.25	14.64	Peak	222	166
5	15960.00	44.06	54.00	-9.94	29.51	14.55	Average	154	324
6	15960.00	57.64	74.00	-16.36	43.09	14.55	Peak	154	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).

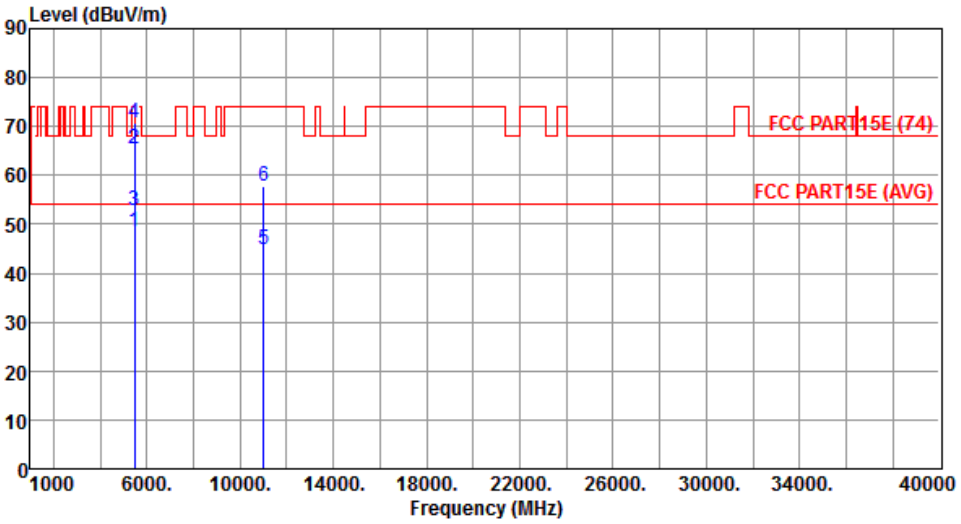
Modulation	VHT20	Test Freq. (MHz)	5320
Polarization	Vertical	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	49.41	54.00	-4.59	44.77	4.64	Average	340	4
2	5350.00	66.96	74.00	-7.04	62.32	4.64	Peak	340	4
3	10640.00	45.18	54.00	-8.82	30.54	14.64	Average	166	215
4	10640.00	59.81	74.00	-14.19	45.17	14.64	Peak	166	215
5	15960.00	44.00	54.00	-10.00	29.45	14.55	Average	183	229
6	15960.00	57.52	74.00	-16.48	42.97	14.55	Peak	183	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).

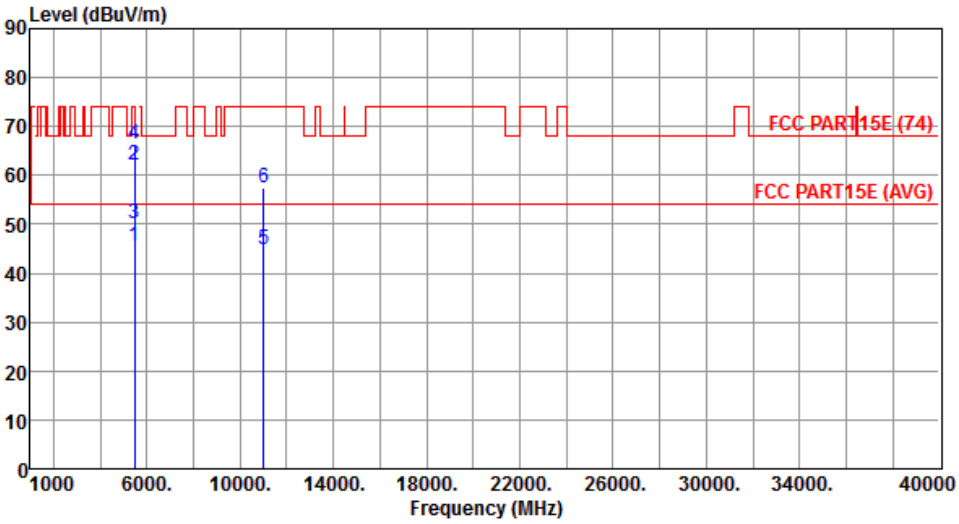
Modulation	VHT20	**Test Freq. (MHz)**	5500
Polarization	Horizontal	**Test Configuration**	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	48.53	54.00	-5.47	43.75	4.78	Average	377	93
2	5460.00	65.28	74.00	-8.72	60.50	4.78	Peak	377	93
3	5470.00	52.97	54.00	-1.03	48.18	4.79	Average	377	93
4	5470.00	70.73	74.00	-3.27	65.94	4.79	Peak	377	93
5	11000.00	44.93	54.00	-9.07	29.87	15.06	Average	226	235
6	11000.00	57.87	74.00	-16.13	42.81	15.06	Peak	226	235

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

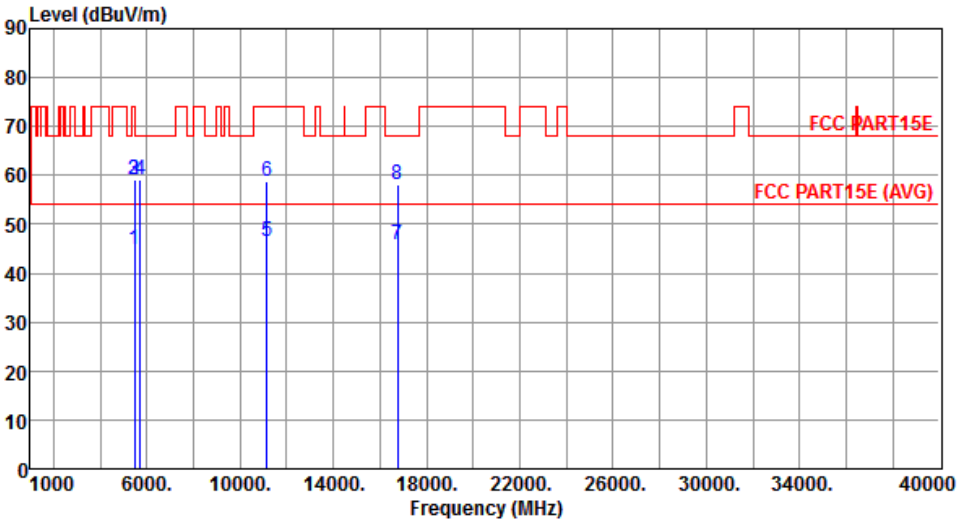
Modulation	VHT20	Test Freq. (MHz)	5500
Polarization	Vertical	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	45.40	54.00	-8.60	40.62	4.78	Average	332	15
2	5460.00	62.04	74.00	-11.96	57.26	4.78	Peak	332	15
3	5470.00	50.18	54.00	-3.82	45.39	4.79	Average	332	15
4	5470.00	66.49	74.00	-7.51	61.70	4.79	Peak	332	15
5	11000.00	44.91	54.00	-9.09	29.85	15.06	Average	235	117
6	11000.00	57.61	74.00	-16.39	42.55	15.06	Peak	235	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).

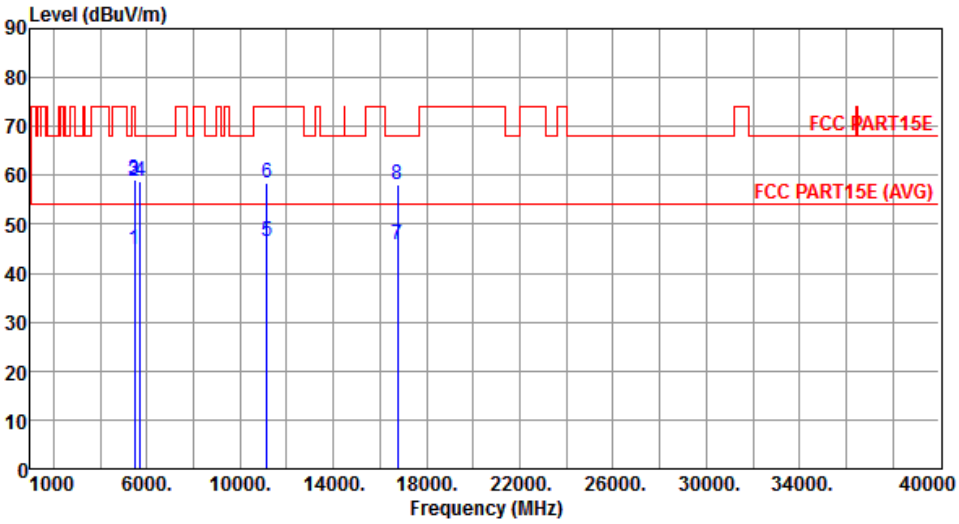
Modulation	VHT20	Test Freq. (MHz)	5580
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	44.77	54.00	-9.23	39.99	4.78	Average	380	110
2	5460.00	59.04	74.00	-14.96	54.26	4.78	Peak	380	110
3	5470.00	59.07	68.20	-9.13	54.28	4.79	Peak	380	110
4	5725.00	58.97	68.20	-9.23	53.88	5.09	Peak	380	110
5	11160.00	46.51	54.00	-7.49	31.30	15.21	Average	264	322
6	11160.00	58.93	74.00	-15.07	43.72	15.21	Peak	264	322
7	16740.00	45.93	54.00	-8.07	28.67	17.26	Average	224	124
8	16740.00	58.18	68.20	-10.02	40.92	17.26	Peak	224	124

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

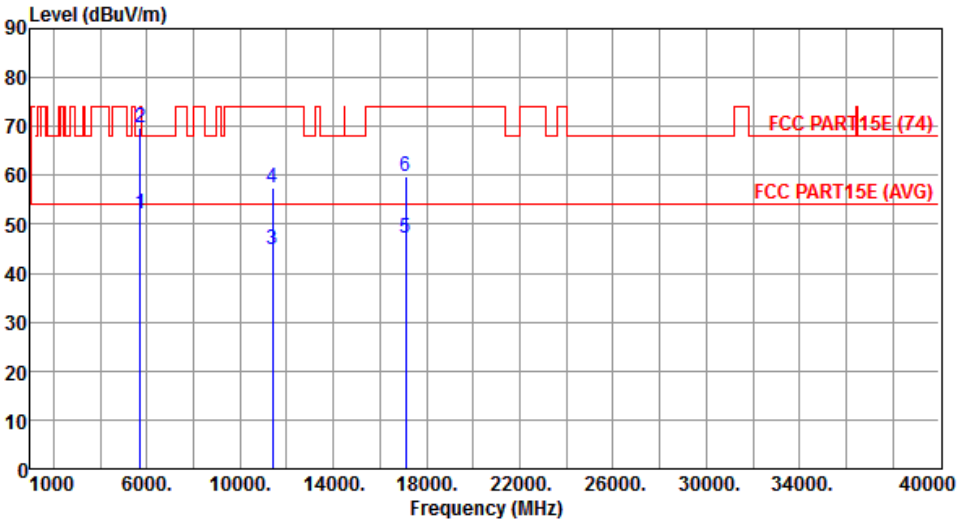
Modulation	VHT20	Test Freq. (MHz)	5580
Polarization	Vertical	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	44.73	54.00	-9.27	39.95	4.78	Average	342	11
2	5460.00	58.93	74.00	-15.07	54.15	4.78	Peak	342	11
3	5470.00	58.95	68.20	-9.25	54.16	4.79	Peak	342	11
4	5725.00	58.62	68.20	-9.58	53.53	5.09	Peak	342	11
5	11160.00	46.33	54.00	-7.67	31.12	15.21	Average	222	165
6	11160.00	58.49	74.00	-15.51	43.28	15.21	Peak	222	165
7	16740.00	45.84	54.00	-8.16	28.58	17.26	Average	321	159
8	16740.00	58.12	68.20	-10.08	40.86	17.26	Peak	321	159

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

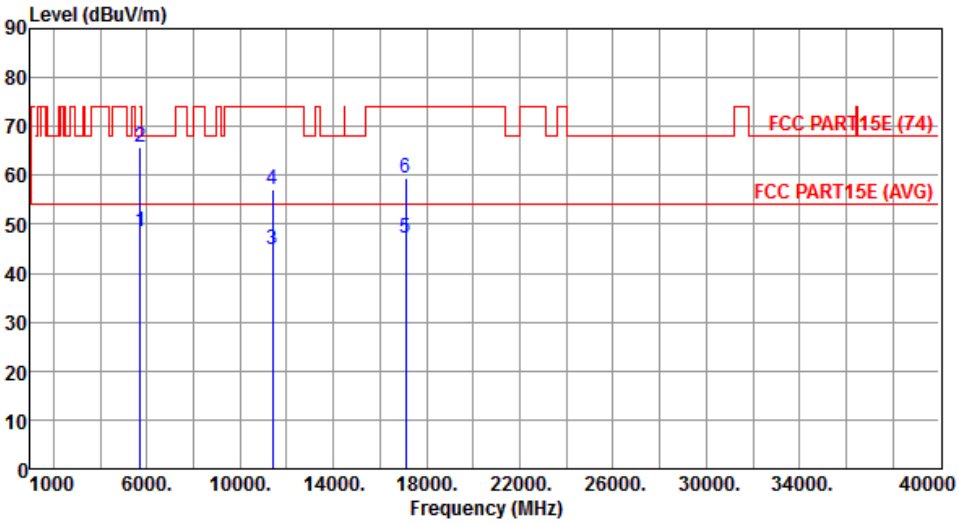
Modulation	VHT20	Test Freq. (MHz)	5700
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5725.00	52.18	54.00	-1.82	47.09	5.09	Average	362	101
2	5725.00	69.61	74.00	-4.39	64.52	5.09	Peak	362	101
3	11400.00	44.99	54.00	-9.01	29.55	15.44	Average	228	322
4	11400.00	57.31	74.00	-16.69	41.87	15.44	Peak	228	322
5	17100.00	47.31	54.00	-6.69	28.81	18.50	Average	308	114
6	17100.00	59.71	74.00	-14.29	41.21	18.50	Peak	308	114

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

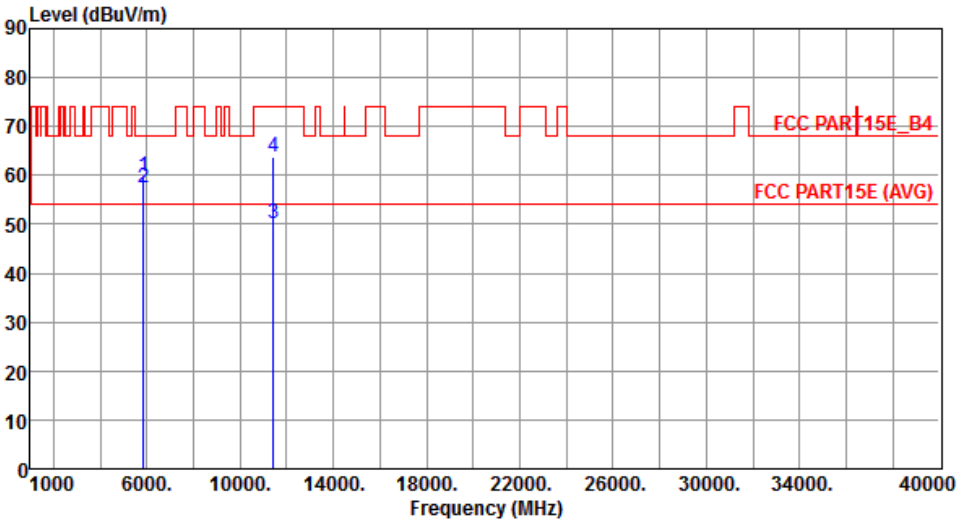
Modulation	VHT20	Test Freq. (MHz)	5700
Polarization	Vertical	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5725.00	48.47	54.00	-5.53	43.38	5.09	Average	336	21
2	5725.00	65.86	74.00	-8.14	60.77	5.09	Peak	336	21
3	11400.00	44.82	54.00	-9.18	29.38	15.44	Average	265	211
4	11400.00	57.07	74.00	-16.93	41.63	15.44	Peak	265	211
5	17100.00	47.22	54.00	-6.78	28.72	18.50	Average	178	155
6	17100.00	59.33	74.00	-14.67	40.83	18.50	Peak	178	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).

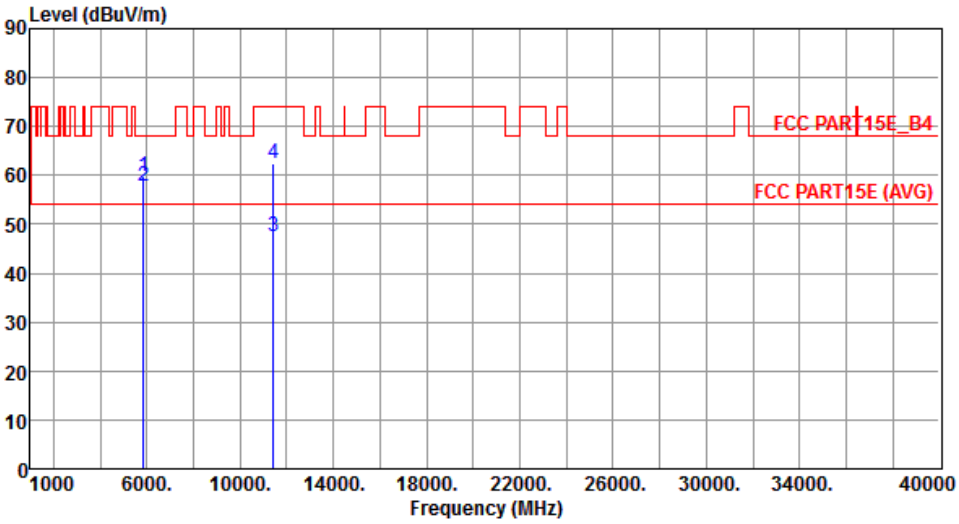
Modulation	VHT20	Test Freq. (MHz)	5720
Polarization	Horizontal	Test Configuration	1



	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	59.68	78.20	-18.52	54.42	5.26	Peak	365	87
2	5860.00	57.59	68.20	-10.61	52.32	5.27	Peak	365	87
3	11440.00	50.01	54.00	-3.99	34.52	15.49	Average	100	169
4	11440.00	63.88	74.00	-10.12	48.39	15.49	Peak	100	169

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

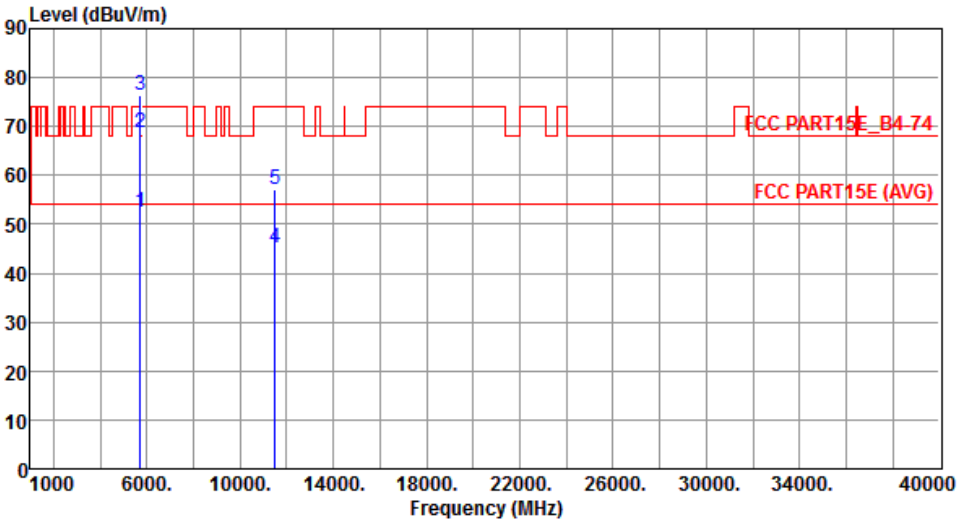
Modulation	VHT20	Test Freq. (MHz)	5720
Polarization	Vertical	Test Configuration	1



	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	59.66	78.20	-18.54	54.40	5.26	Peak	314	178
2	5860.00	57.78	68.20	-10.42	52.51	5.27	Peak	314	178
3	11440.00	47.63	54.00	-6.37	32.14	15.49	Average	100	167
4	11440.00	62.50	74.00	-11.50	47.01	15.49	Peak	100	167

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

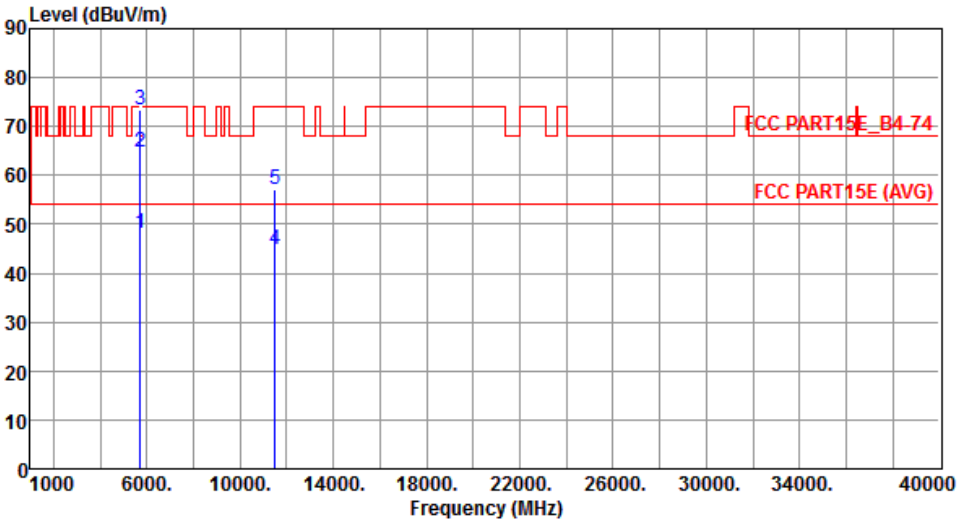
Modulation	VHT20	Test Freq. (MHz)	5745
Polarization	Horizontal	Test Configuration	1



	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	52.46	54.00	-1.54	47.36	5.10	Average	342	94
2	5715.00	68.73	74.00	-5.27	63.63	5.10	Peak	342	94
3	5725.00	76.39	78.20	-1.81	71.30	5.09	Peak	342	94
4	11490.00	45.17	54.00	-8.83	29.64	15.53	Average	295	322
5	11490.00	57.10	74.00	-16.90	41.57	15.53	Peak	295	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).

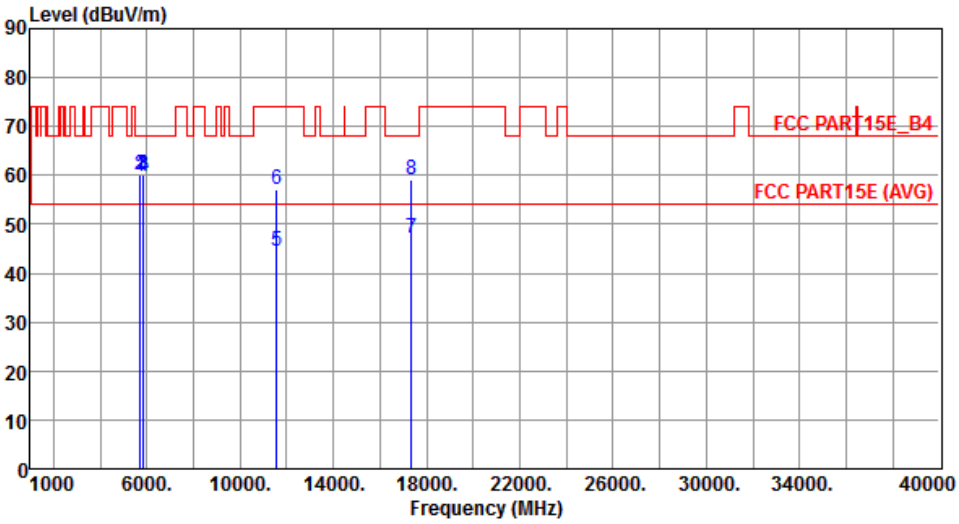
Modulation	VHT20	Test Freq. (MHz)	5745
Polarization	Vertical	Test Configuration	1



	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	48.32	54.00	-5.68	43.22	5.10	Average	316	12
2	5715.00	64.89	74.00	-9.11	59.79	5.10	Peak	316	12
3	5725.00	73.53	78.20	-4.67	68.44	5.09	Peak	316	12
4	11490.00	44.90	54.00	-9.10	29.37	15.53	Average	222	338
5	11490.00	57.21	74.00	-16.79	41.68	15.53	Peak	222	338

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

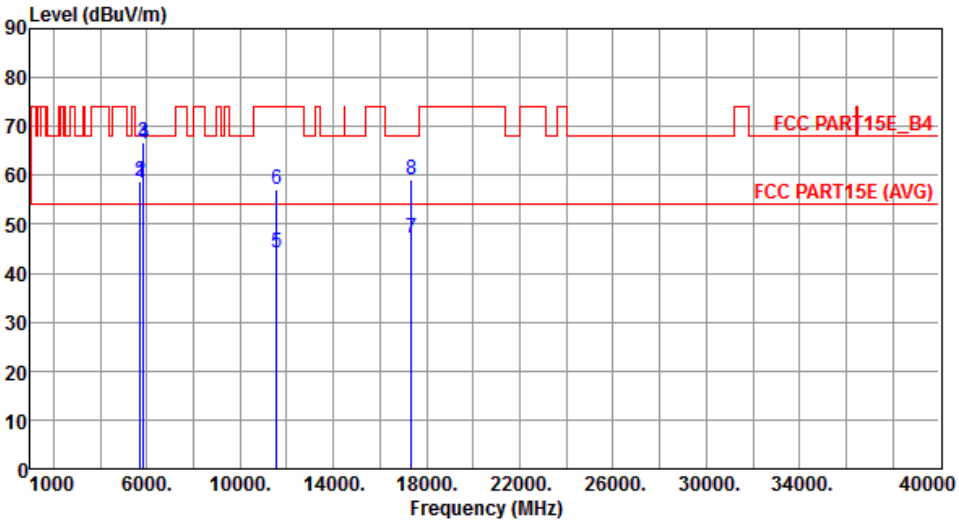
Modulation	VHT20	Test Freq. (MHz)	5785
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	59.91	68.20	-8.29	54.81	5.10	Peak	370	98
2	5725.00	59.96	78.20	-18.24	54.87	5.09	Peak	370	98
3	5850.00	60.02	78.20	-18.18	54.76	5.26	Peak	370	98
4	5860.00	59.79	68.20	-8.41	54.52	5.27	Peak	370	98
5	11570.00	44.45	54.00	-9.55	29.12	15.33	Average	332	158
6	11570.00	56.99	74.00	-17.01	41.66	15.33	Peak	332	158
7	17355.00	47.12	54.00	-6.88	27.91	19.21	Average	226	222
8	17355.00	59.27	68.20	-8.93	40.06	19.21	Peak	226	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).

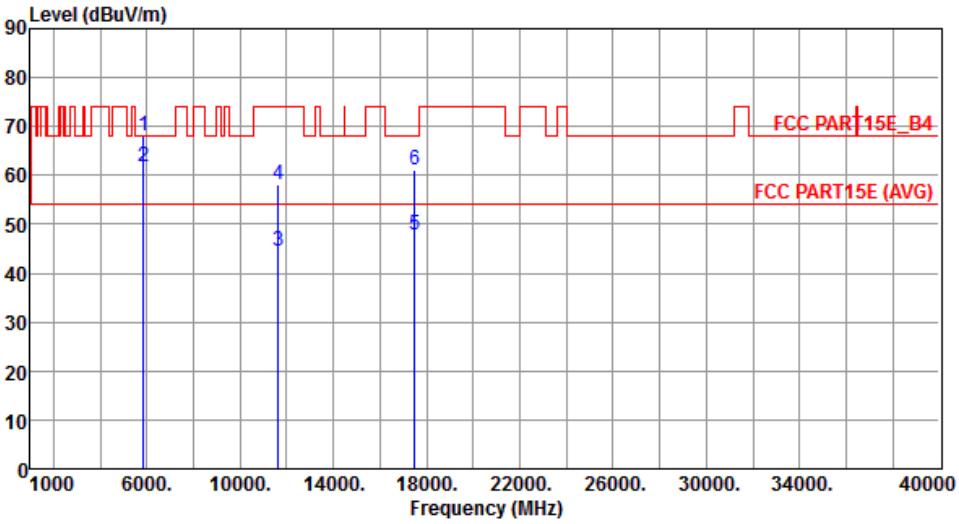
Modulation	VHT20	Test Freq. (MHz)	5785
Polarization	Vertical	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	58.53	68.20	-9.67	53.43	5.10	Peak	332	11
2	5725.00	58.67	78.20	-19.53	53.58	5.09	Peak	332	11
3	5850.00	66.61	78.20	-11.59	61.35	5.26	Peak	332	11
4	5860.00	66.29	68.20	-1.91	61.02	5.27	Peak	332	11
5	11570.00	44.32	54.00	-9.68	28.99	15.33	Average	222	173
6	11570.00	57.01	74.00	-16.99	41.68	15.33	Peak	222	173
7	17355.00	47.02	54.00	-6.98	27.81	19.21	Average	219	165
8	17355.00	59.11	68.20	-9.09	39.90	19.21	Peak	219	165

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

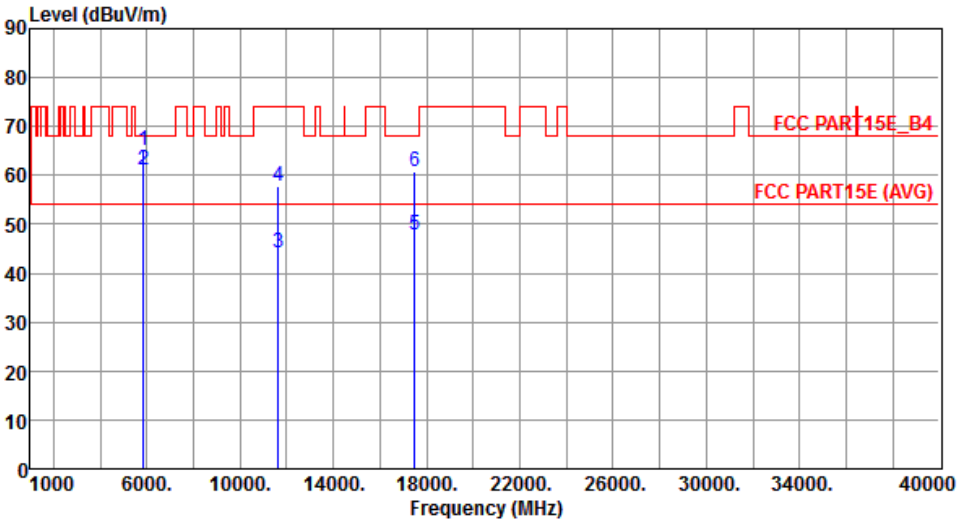
Modulation	VHT20	Test Freq. (MHz)	5825
Polarization	Horizontal	Test Configuration	1



	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	68.05	78.20	-10.15	62.79	5.26	Peak	384	95
2	5860.00	61.90	68.20	-6.30	56.63	5.27	Peak	384	95
3	11650.00	44.43	54.00	-9.57	29.34	15.09	Average	222	265
4	11650.00	58.16	74.00	-15.84	43.07	15.09	Peak	222	265
5	17475.00	47.80	54.00	-6.20	28.25	19.55	Average	322	156
6	17475.00	60.95	68.20	-7.25	41.40	19.55	Peak	322	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)	5825
Polarization	Vertical	Test Configuration	1

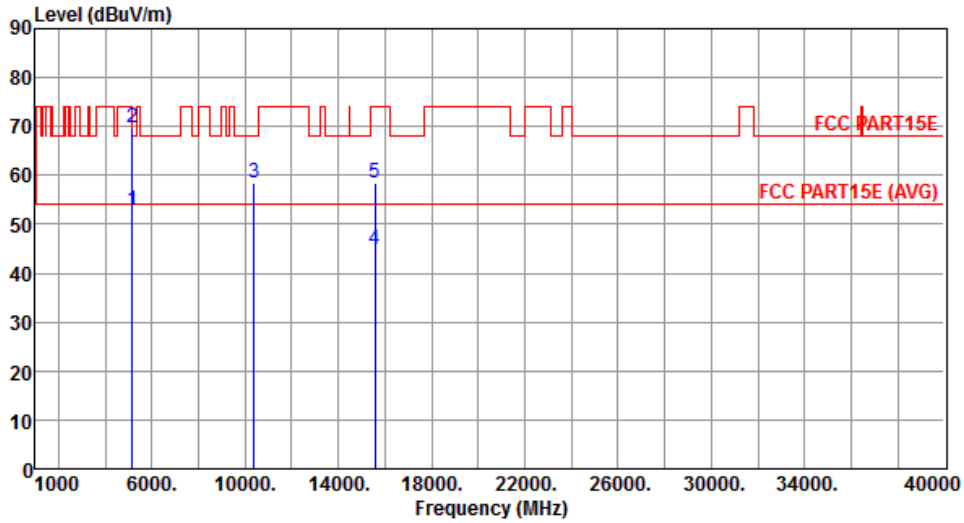


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5850.00	65.03	78.20	-13.17	59.77	5.26	Peak	339	22
2	5860.00	61.22	68.20	-6.98	55.95	5.27	Peak	339	22
3	11650.00	44.29	54.00	-9.71	29.20	15.09	Average	226	155
4	11650.00	57.86	74.00	-16.14	42.77	15.09	Peak	226	155
5	17475.00	47.69	54.00	-6.31	28.14	19.55	Average	224	168
6	17475.00	60.89	68.20	-7.31	41.34	19.55	Peak	224	168

Note 1: Emission Level (dBuV/m) = SA Reading (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

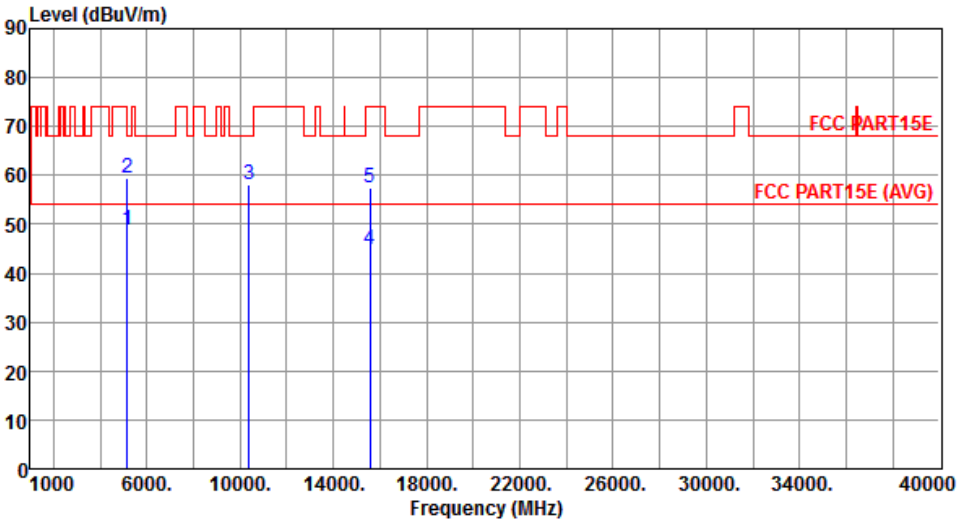
Modulation	VHT40	Test Freq. (MHz)	5190
Polarization	Horizontal	Test Configuration	1



	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	52.96	54.00	-1.04	48.56	4.40	Average	367	96
2	5150.00	69.59	74.00	-4.41	65.19	4.40	Peak	367	96
3	10380.00	58.39	68.20	-9.81	44.14	14.25	Peak	302	287
4	15570.00	44.98	54.00	-9.02	29.92	15.06	Average	322	279
5	15570.00	58.31	74.00	-15.69	43.25	15.06	Peak	322	279

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

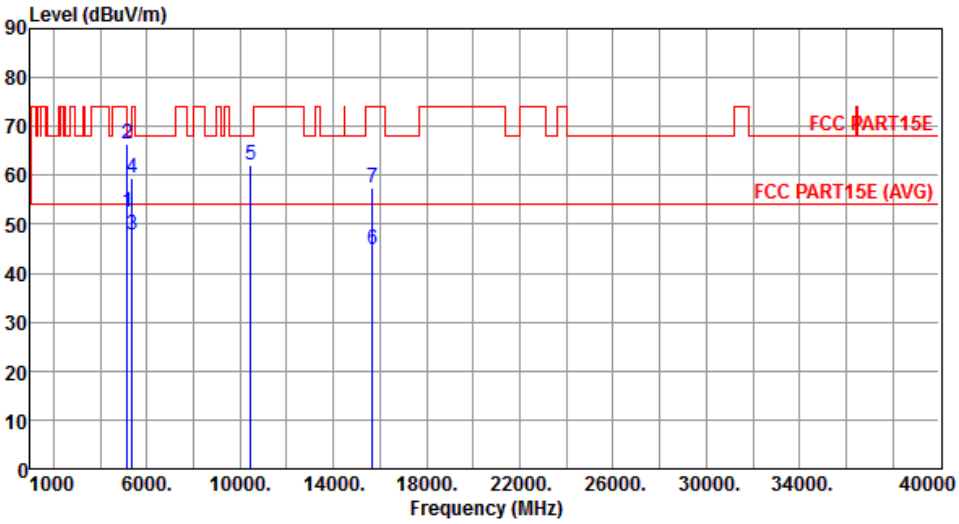
Modulation	VHT40	Test Freq. (MHz)	5190
Polarization	Vertical	Test Configuration	1



	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	48.82	54.00	-5.18	44.42	4.40	Average	339	350
2	5150.00	59.55	74.00	-14.45	55.15	4.40	Peak	339	350
3	10380.00	58.11	68.20	-10.09	43.86	14.25	Peak	340	52
4	15570.00	44.76	54.00	-9.24	29.70	15.06	Average	302	329
5	15570.00	57.58	74.00	-16.42	42.52	15.06	Peak	302	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).

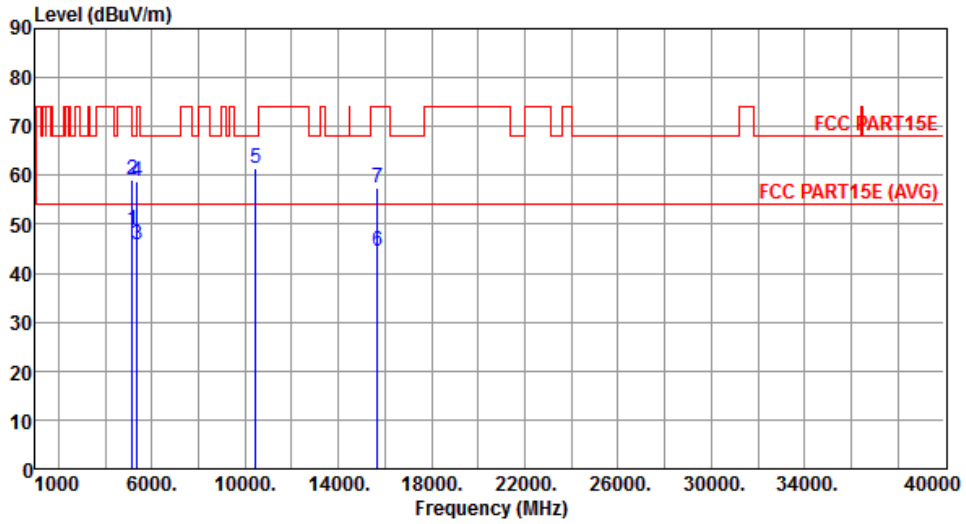
Modulation	VHT40	Test Freq. (MHz)	5230
Polarization	Horizontal	Test Configuration	1



	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	52.41	54.00	-1.59	48.01	4.40	Average	389	83
2	5150.00	66.28	74.00	-7.72	61.88	4.40	Peak	389	83
3	5350.00	47.82	54.00	-6.18	43.18	4.64	Average	389	83
4	5350.00	59.52	74.00	-14.48	54.88	4.64	Peak	389	83
5	10460.00	61.96	68.20	-6.24	47.56	14.40	Peak	356	335
6	15690.00	44.82	54.00	-9.18	29.91	14.91	Average	305	228
7	15690.00	57.57	74.00	-16.43	42.66	14.91	Peak	305	228

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

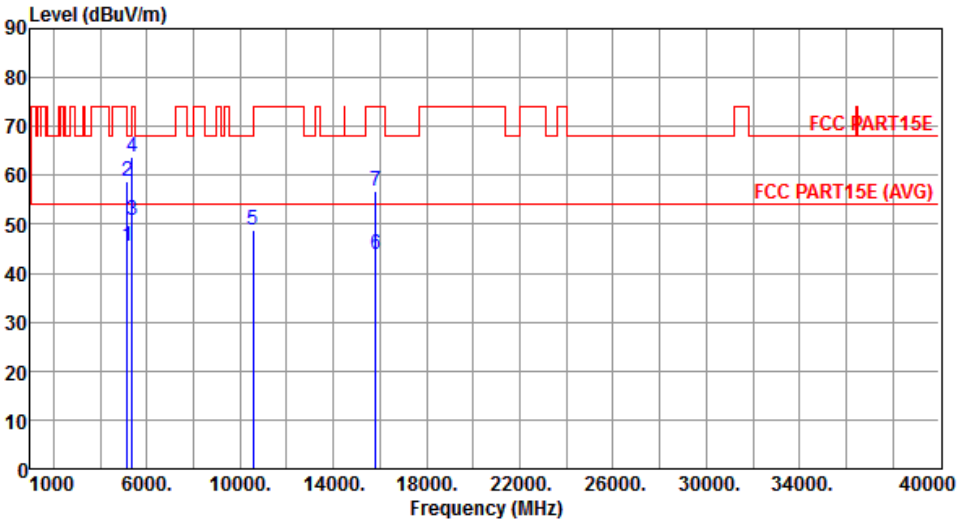
Modulation	VHT40	**Test Freq. (MHz)**	5230
Polarization	Vertical	**Test Configuration**	1



	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	48.77	54.00	-5.23	44.37	4.40	Average	322	342
2	5150.00	59.12	74.00	-14.88	54.72	4.40	Peak	322	342
3	5350.00	45.75	54.00	-8.25	41.11	4.64	Average	322	342
4	5350.00	58.92	74.00	-15.08	54.28	4.64	Peak	322	342
5	10460.00	61.41	68.20	-6.79	47.01	14.40	Peak	309	339
6	15690.00	44.65	54.00	-9.35	29.74	14.91	Average	319	247
7	15690.00	57.32	74.00	-16.68	42.41	14.91	Peak	319	247

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

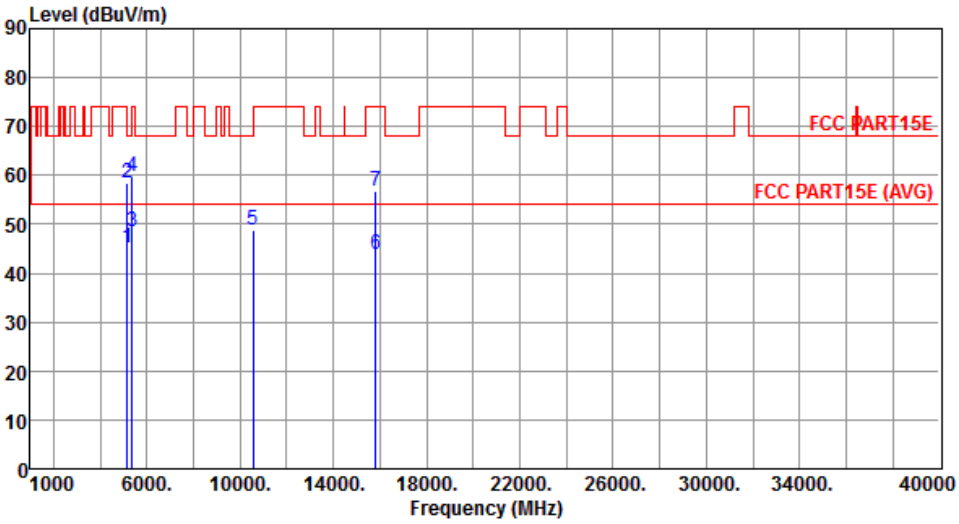
Modulation	VHT40	Test Freq. (MHz)	5270
Polarization	Horizontal	Test Configuration	1



	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	45.63	54.00	-8.37	41.23	4.40	Average	373	102
2	5150.00	58.88	74.00	-15.12	54.48	4.40	Peak	373	102
3	5350.00	50.74	54.00	-3.26	46.10	4.64	Average	373	102
4	5350.00	63.74	74.00	-10.26	59.10	4.64	Peak	373	102
5	10540.00	48.98	68.20	-19.22	34.46	14.52	Peak	352	205
6	15810.00	43.99	54.00	-10.01	29.24	14.75	Average	312	177
7	15810.00	56.74	74.00	-17.26	41.99	14.75	Peak	312	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).

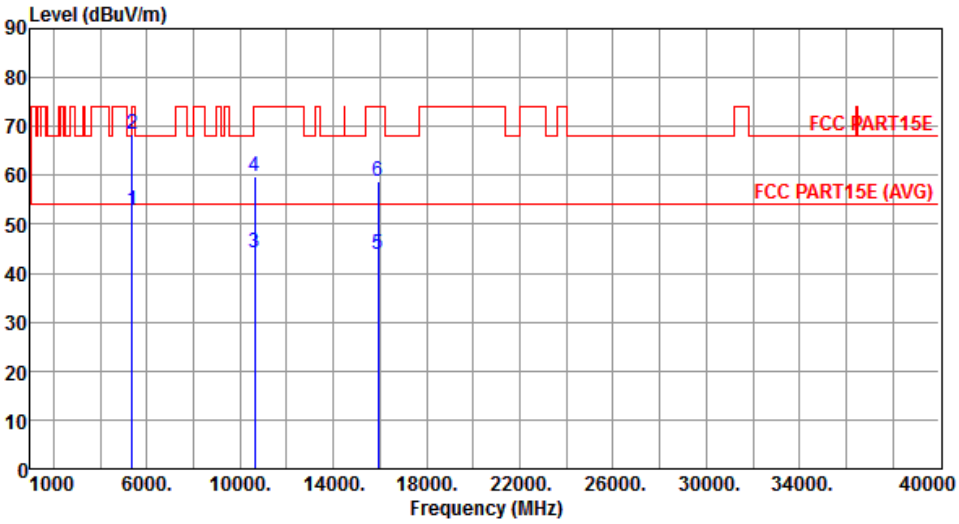
Modulation	VHT40	Test Freq. (MHz)	5270
Polarization	Vertical	Test Configuration	1



	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	45.31	54.00	-8.69	40.91	4.40	Average	311	347
2	5150.00	58.31	74.00	-15.69	53.91	4.40	Peak	311	347
3	5350.00	48.50	54.00	-5.50	43.86	4.64	Average	311	347
4	5350.00	59.87	74.00	-14.13	55.23	4.64	Peak	311	347
5	10540.00	48.87	68.20	-19.33	34.35	14.52	Peak	367	305
6	15810.00	43.88	54.00	-10.12	29.13	14.75	Average	308	300
7	15810.00	56.70	74.00	-17.30	41.95	14.75	Peak	308	300

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

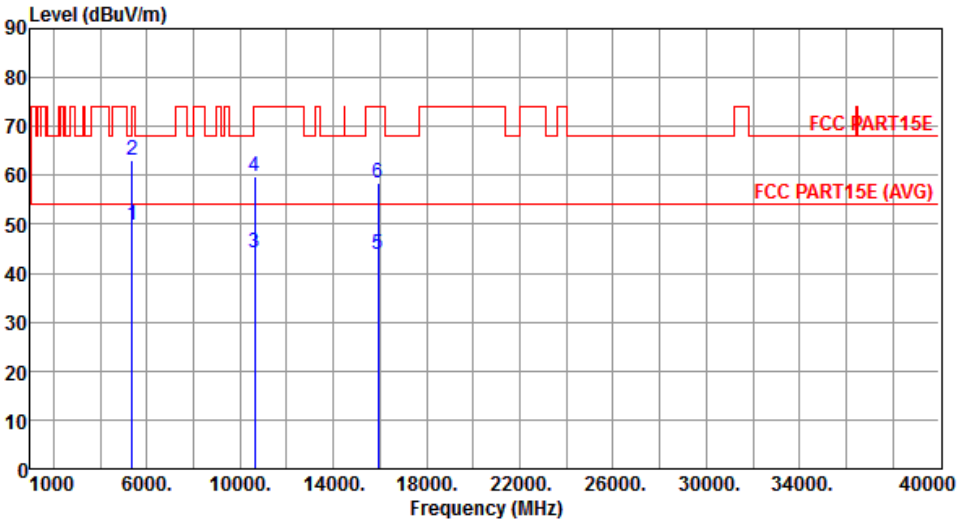
Modulation	VHT40	Test Freq. (MHz)	5310
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	52.81	54.00	-1.19	48.17	4.64	Average	328	99
2	5350.00	68.25	74.00	-5.75	63.61	4.64	Peak	328	99
3	10620.00	44.29	54.00	-9.71	29.68	14.61	Average	311	225
4	10620.00	59.88	74.00	-14.12	45.27	14.61	Peak	311	225
5	15930.00	43.99	54.00	-10.01	29.39	14.60	Average	300	23
6	15930.00	58.65	74.00	-15.35	44.05	14.60	Peak	300	23

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

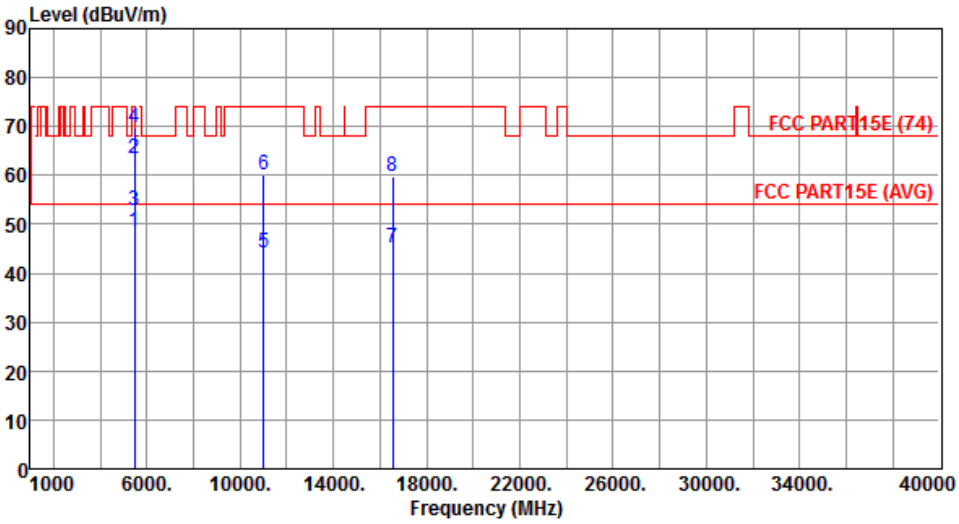
Modulation	VHT40	Test Freq. (MHz)	5310
Polarization	Vertical	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	49.87	54.00	-4.13	45.23	4.64	Average	370	80
2	5350.00	63.17	74.00	-10.83	58.53	4.64	Peak	370	80
3	10620.00	44.22	54.00	-9.78	29.61	14.61	Average	356	96
4	10620.00	59.65	74.00	-14.35	45.04	14.61	Peak	356	96
5	15930.00	43.87	54.00	-10.13	29.27	14.60	Average	367	285
6	15930.00	58.48	74.00	-15.52	43.88	14.60	Peak	367	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).

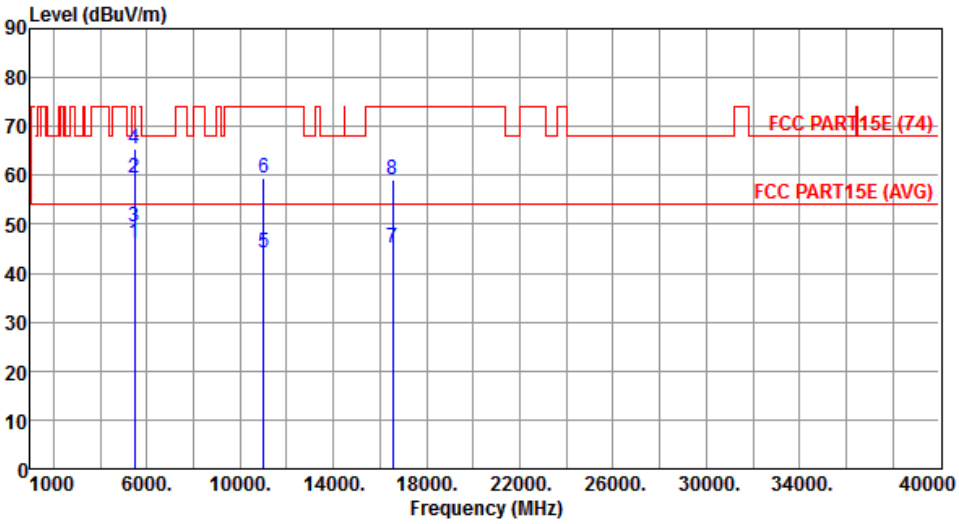
Modulation	VHT40	Test Freq. (MHz)	5510
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	48.63	54.00	-5.37	43.85	4.78	Average	376	95
2	5460.00	63.30	74.00	-10.70	58.52	4.78	Peak	376	95
3	5470.00	52.64	54.00	-1.36	47.85	4.79	Average	376	95
4	5470.00	69.76	74.00	-4.24	64.97	4.79	Peak	376	95
5	11020.00	44.32	54.00	-9.68	29.24	15.08	Average	346	333
6	11020.00	59.95	74.00	-14.05	44.87	15.08	Peak	346	333
7	16530.00	45.24	54.00	-8.76	28.75	16.49	Average	300	225
8	16530.00	59.86	74.00	-14.14	43.37	16.49	Peak	300	225

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

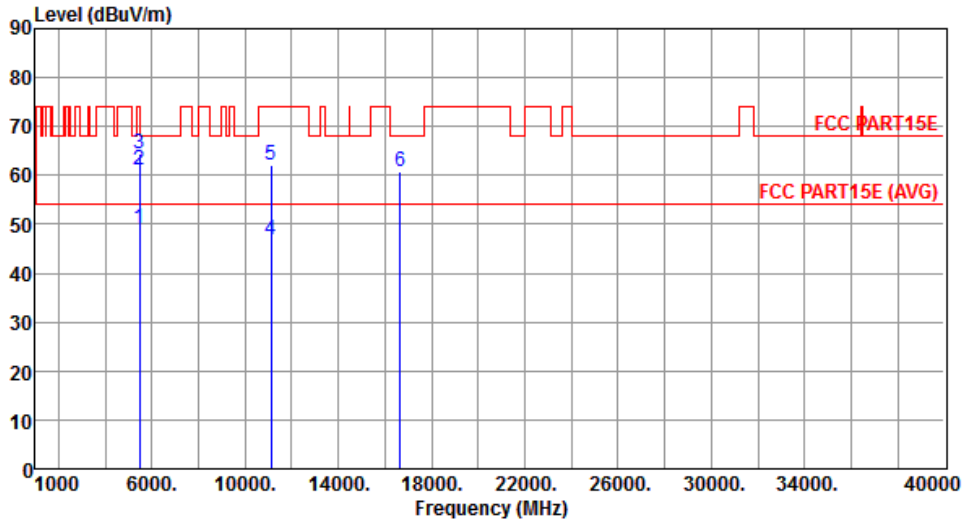
Modulation	VHT40	Test Freq. (MHz)	5510
Polarization	Vertical	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	46.18	54.00	-7.82	41.40	4.78	Average	369	108
2	5460.00	59.32	74.00	-14.68	54.54	4.78	Peak	369	108
3	5470.00	49.38	54.00	-4.62	44.59	4.79	Average	369	108
4	5470.00	65.42	74.00	-8.58	60.63	4.79	Peak	369	108
5	11020.00	44.12	54.00	-9.88	29.04	15.08	Average	352	332
6	11020.00	59.57	74.00	-14.43	44.49	15.08	Peak	352	332
7	16530.00	45.05	54.00	-8.95	28.56	16.49	Average	306	38
8	16530.00	59.16	74.00	-14.84	42.67	16.49	Peak	306	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).

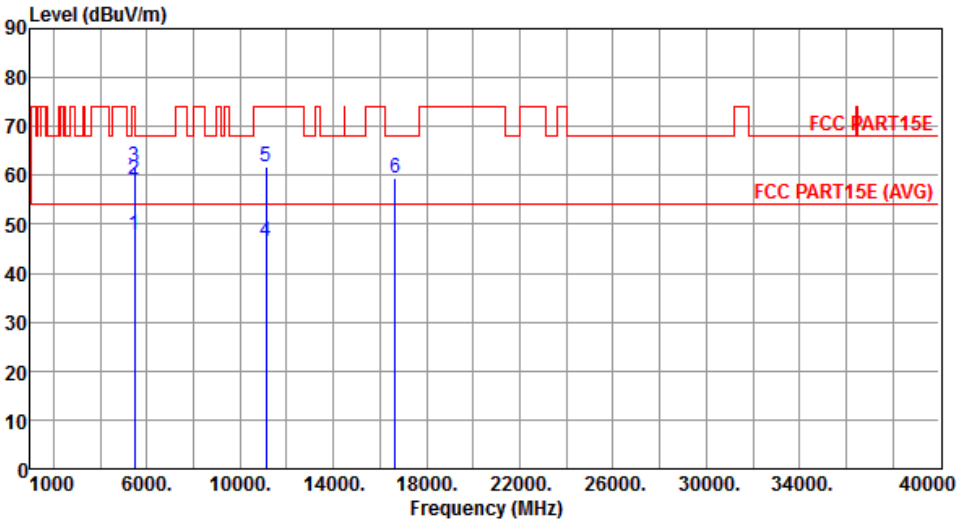
Modulation	VHT40	Test Freq. (MHz)	5550
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	49.08	54.00	-4.92	44.30	4.78	Average	399	91
2	5460.00	61.05	74.00	-12.95	56.27	4.78	Peak	399	91
3	5470.00	64.45	68.20	-3.75	59.66	4.79	Peak	399	91
4	11100.00	46.97	54.00	-7.03	31.81	15.16	Average	345	173
5	11100.00	62.06	74.00	-11.94	46.90	15.16	Peak	345	173
6	16650.00	60.75	68.20	-7.45	43.82	16.93	Peak	345	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).

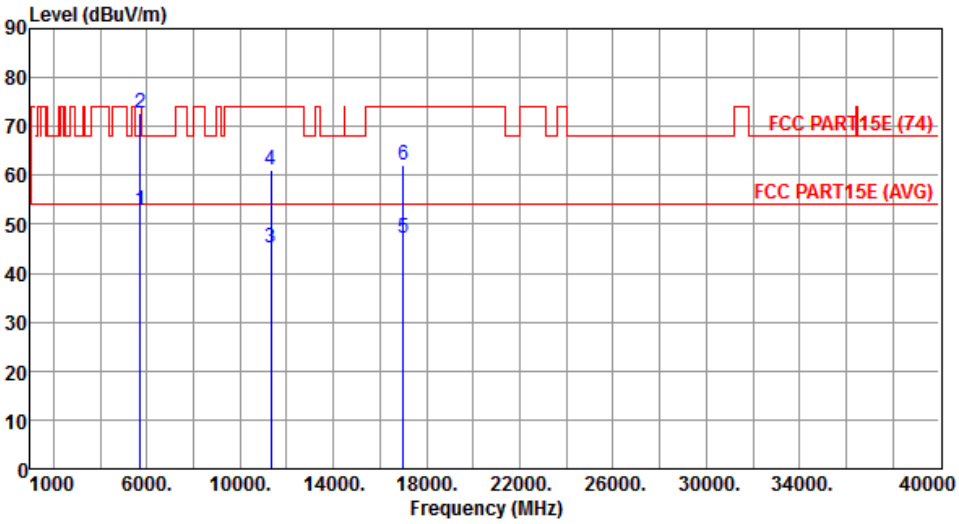
Modulation	VHT40	Test Freq. (MHz)	5550
Polarization	Vertical	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	47.95	54.00	-6.05	43.17	4.78	Average	367	279
2	5460.00	59.00	74.00	-15.00	54.22	4.78	Peak	367	279
3	5470.00	61.61	68.20	-6.59	56.82	4.79	Peak	367	279
4	11100.00	46.59	54.00	-7.41	31.43	15.16	Average	352	183
5	11100.00	61.85	74.00	-12.15	46.69	15.16	Peak	352	183
6	16650.00	59.45	68.20	-8.75	42.52	16.93	Peak	311	30

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

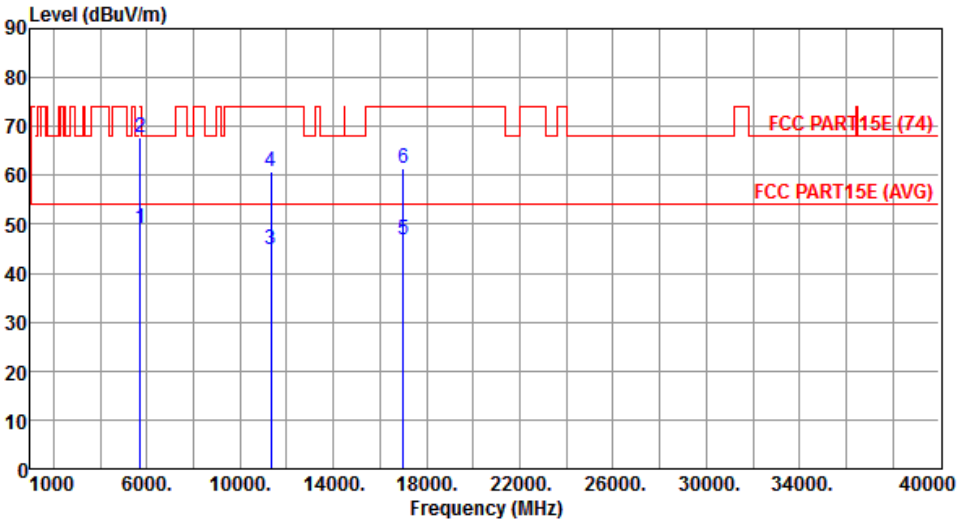
Modulation	VHT40	Test Freq. (MHz)	5670
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5725.00	52.78	54.00	-1.22	47.69	5.09	Average	346	105
2	5725.00	72.82	74.00	-1.18	67.73	5.09	Peak	346	105
3	11340.00	45.08	54.00	-8.92	29.69	15.39	Average	352	293
4	11340.00	61.27	74.00	-12.73	45.88	15.39	Peak	352	293
5	17010.00	47.32	54.00	-6.68	29.07	18.25	Average	320	271
6	17010.00	62.11	74.00	-11.89	43.86	18.25	Peak	320	271

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

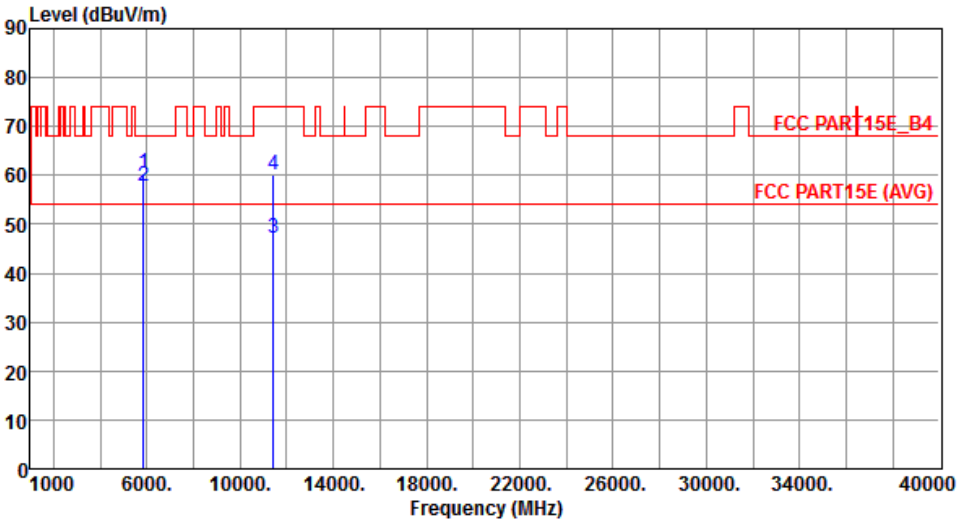
Modulation	VHT40	Test Freq. (MHz)	5670
Polarization	Vertical	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5725.00	49.25	54.00	-4.75	44.16	5.09	Average	366	86
2	5725.00	67.81	74.00	-6.19	62.72	5.09	Peak	366	86
3	11340.00	44.87	54.00	-9.13	29.48	15.39	Average	352	135
4	11340.00	60.84	74.00	-13.16	45.45	15.39	Peak	352	135
5	17010.00	46.84	54.00	-7.16	28.59	18.25	Average	325	285
6	17010.00	61.58	74.00	-12.42	43.33	18.25	Peak	325	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).

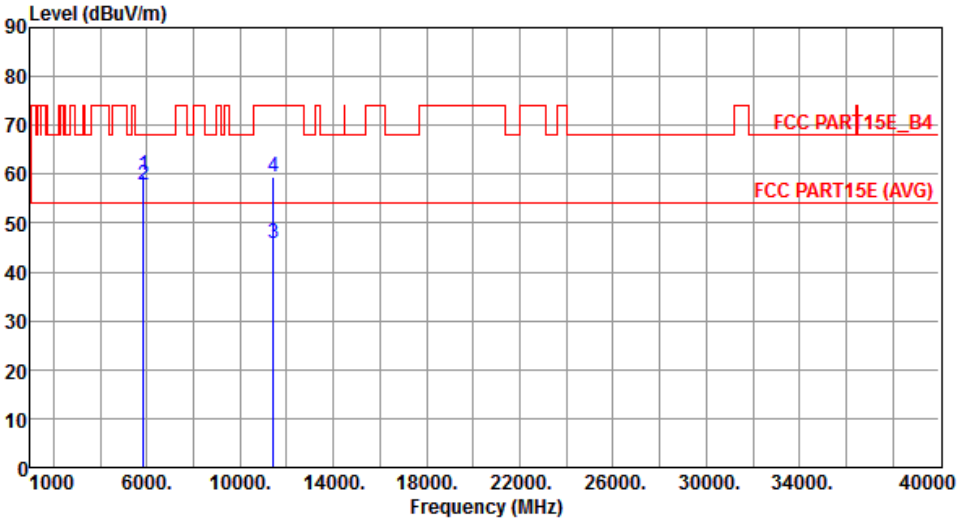
Modulation	VHT40	Test Freq. (MHz)	5710
Polarization	Horizontal	Test Configuration	1



	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	60.31	78.20	-17.89	55.05	5.26	Peak	329	100
2	5860.00	57.65	68.20	-10.55	52.38	5.27	Peak	329	100
3	11420.00	47.15	54.00	-6.85	31.69	15.46	Average	137	140
4	11420.00	60.16	74.00	-13.84	44.70	15.46	Peak	137	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).

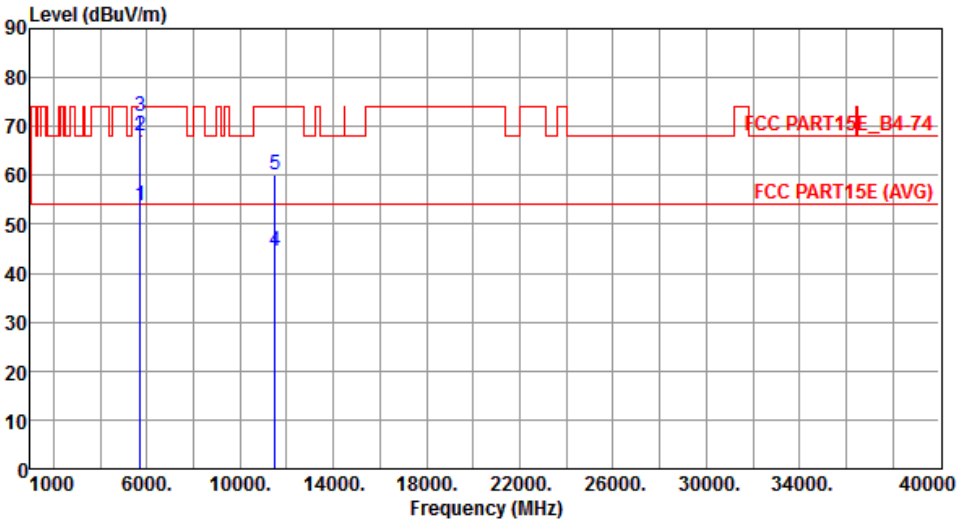
Modulation	VHT40	Test Freq. (MHz)	5710
Polarization	Vertical	Test Configuration	1



	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	59.79	78.20	-18.41	54.53	5.26	Peak	318	174
2	5860.00	57.70	68.20	-10.50	52.43	5.27	Peak	318	174
3	11420.00	45.97	54.00	-8.03	30.51	15.46	Average	326	135
4	11420.00	59.48	74.00	-14.52	44.02	15.46	Peak	326	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).

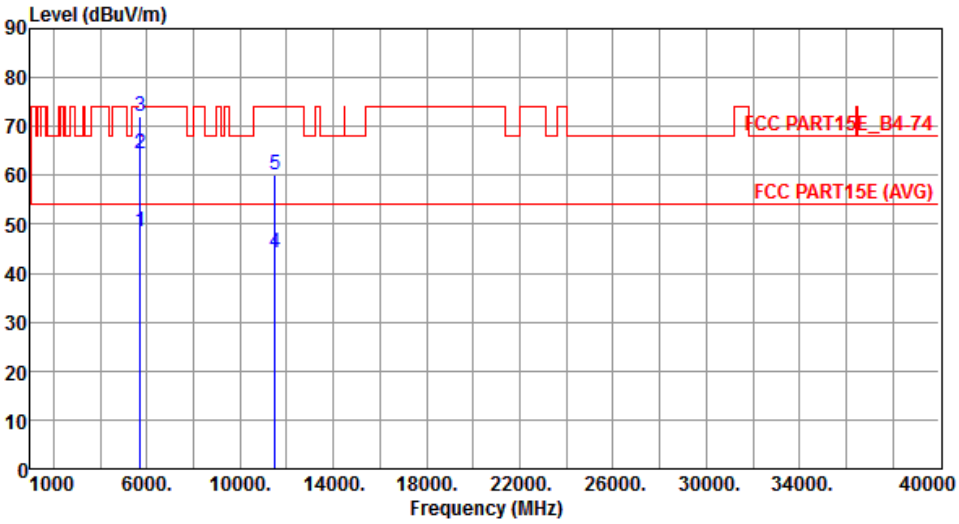
Modulation	VHT40	Test Freq. (MHz)	5755
Polarization	Horizontal	Test Configuration	1



	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	53.79	54.00	-0.21	48.69	5.10	Average	214	144
2	5715.00	68.06	74.00	-5.94	62.96	5.10	Peak	214	144
3	5725.00	72.14	78.20	-6.06	67.05	5.09	Peak	214	144
4	11510.00	44.40	54.00	-9.60	28.89	15.51	Average	200	163
5	11510.00	60.15	74.00	-13.85	44.64	15.51	Peak	200	163

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

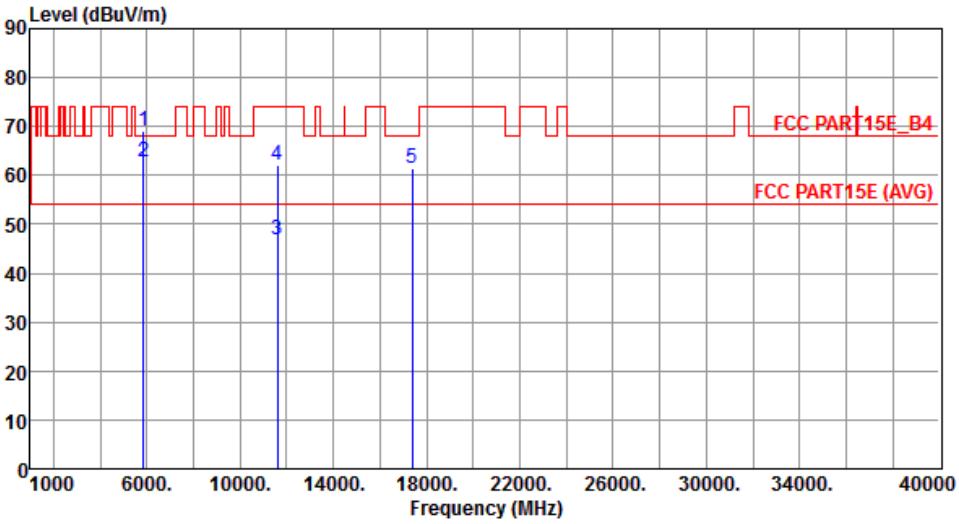
Modulation	VHT40	Test Freq. (MHz)	5755
Polarization	Vertical	Test Configuration	1



	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	48.55	54.00	-5.45	43.45	5.10	Average	345	25
2	5715.00	64.32	74.00	-9.68	59.22	5.10	Peak	345	25
3	5725.00	71.95	78.20	-6.25	66.86	5.09	Peak	345	25
4	11510.00	44.25	54.00	-9.75	28.74	15.51	Average	208	330
5	11510.00	60.02	74.00	-13.98	44.51	15.51	Peak	208	330

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

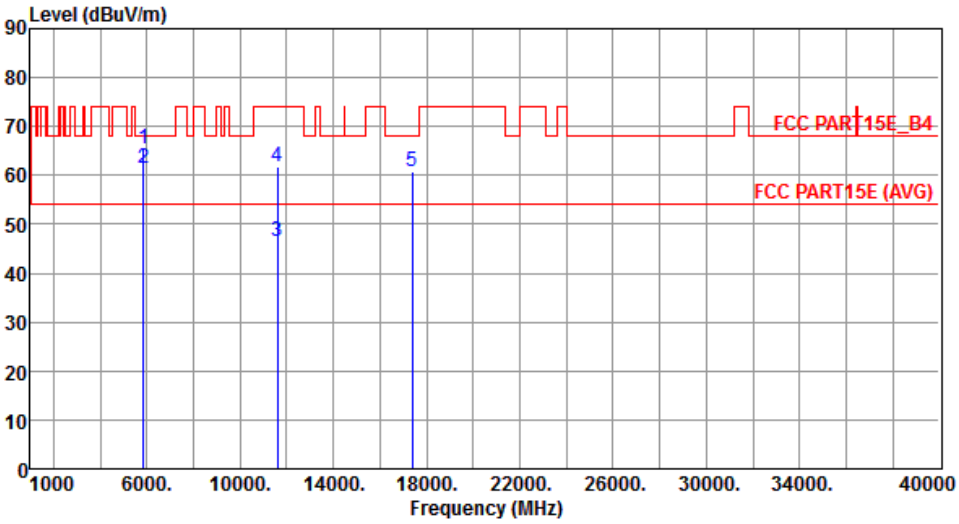
Modulation	VHT40	Test Freq. (MHz)	5795
Polarization	Horizontal	Test Configuration	1



	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	69.08	78.20	-9.12	63.82	5.26	Peak	203	153
2	5860.00	62.87	68.20	-5.33	57.60	5.27	Peak	203	153
3	11590.00	46.89	54.00	-7.11	31.62	15.27	Average	254	135
4	11590.00	61.98	74.00	-12.02	46.71	15.27	Peak	254	135
5	17385.00	61.29	68.20	-6.91	42.00	19.29	Peak	263	301

Note 1: Emission Level (dBuV/m) = SA Reading (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

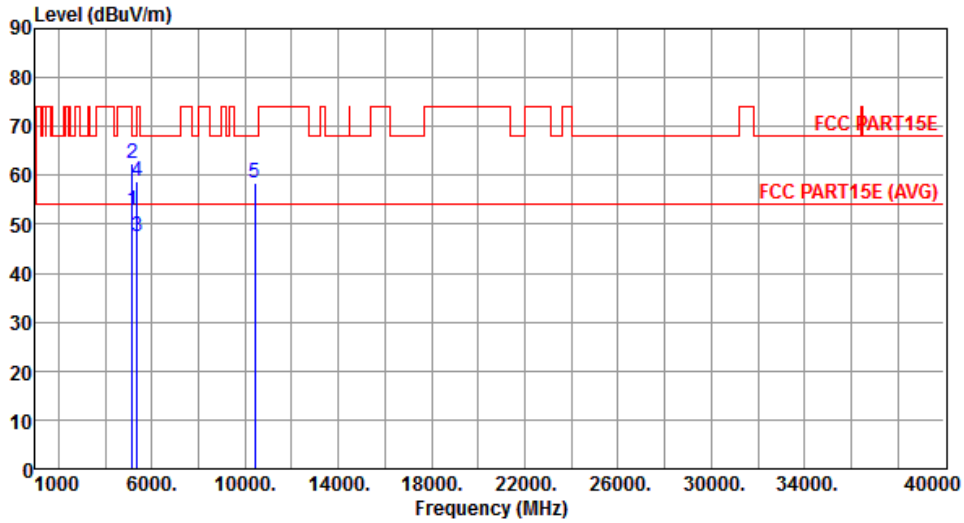


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5850.00	65.52	78.20	-12.68	60.26	5.26	Peak	325	52
2	5860.00	61.32	68.20	-6.88	56.05	5.27	Peak	325	52
3	11590.00	46.50	54.00	-7.50	31.23	15.27	Average	235	339
4	11590.00	61.65	74.00	-12.35	46.38	15.27	Peak	235	339
5	17385.00	60.78	68.20	-7.42	41.49	19.29	Peak	220	160

Note 1: Emission Level (dBuV/m) = SA Reading (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

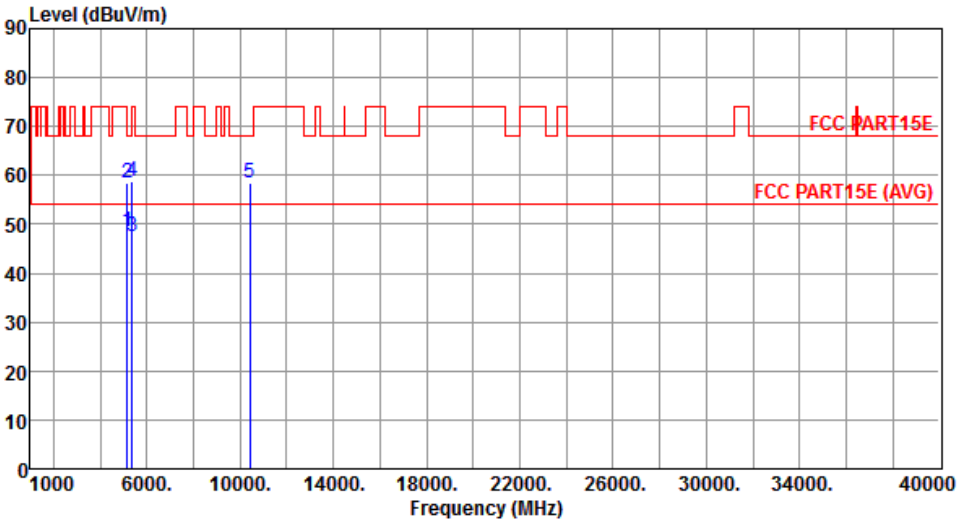
Modulation	VHT80	Test Freq. (MHz)	5210
Polarization	Horizontal	Test Configuration	1



	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	52.95	54.00	-1.05	48.55	4.40	Average	364	278
2	5150.00	62.55	74.00	-11.45	58.15	4.40	Peak	364	278
3	5350.00	47.47	54.00	-6.53	42.83	4.64	Average	364	278
4	5350.00	58.84	74.00	-15.16	54.20	4.64	Peak	364	278
5	10420.00	58.40	68.20	-9.80	44.08	14.32	Peak	322	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).

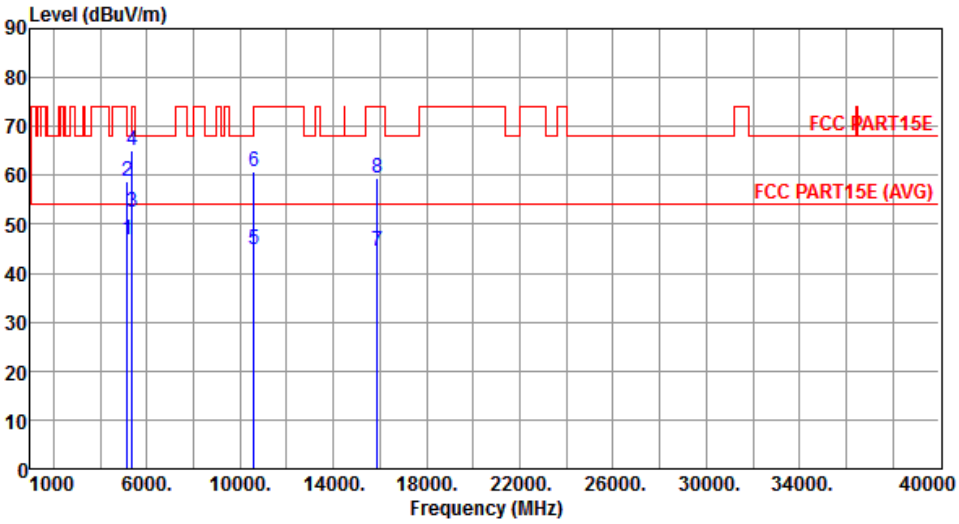
Modulation	VHT80	Test Freq. (MHz)	5210
Polarization	Vertical	Test Configuration	1



	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	48.42	54.00	-5.58	44.02	4.40	Average	325	330
2	5150.00	58.52	74.00	-15.48	54.12	4.40	Peak	325	330
3	5350.00	47.37	54.00	-6.63	42.73	4.64	Average	325	330
4	5350.00	58.74	74.00	-15.26	54.10	4.64	Peak	325	330
5	10420.00	58.30	68.20	-9.90	43.98	14.32	Peak	325	29

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

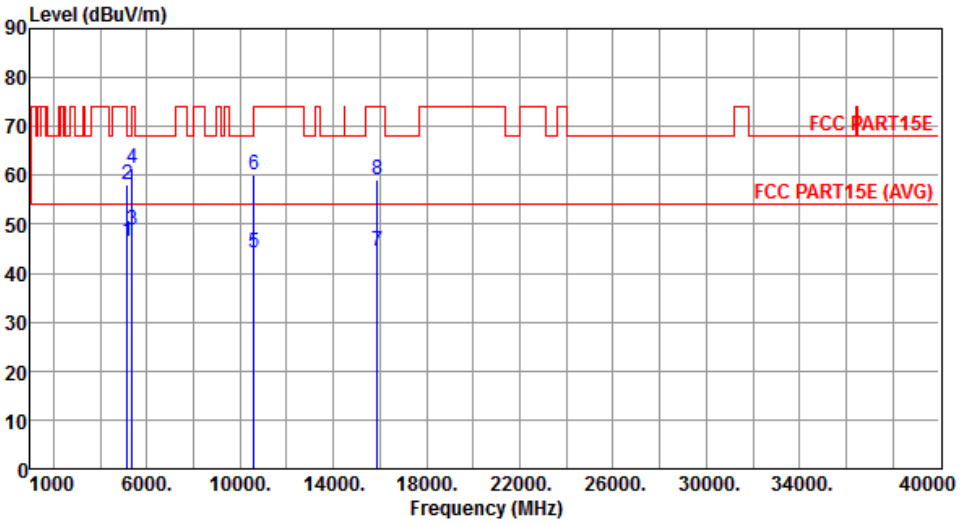
Modulation	VHT80	Test Freq. (MHz)	5290
Polarization	Horizontal	Test Configuration	1



	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	46.81	54.00	-7.19	42.41	4.40	Average	338	126
2	5150.00	58.63	74.00	-15.37	54.23	4.40	Peak	338	126
3	5350.00	52.34	54.00	-1.66	47.70	4.64	Average	338	126
4	5350.00	65.17	74.00	-8.83	60.53	4.64	Peak	338	126
5	10580.00	44.73	54.00	-9.27	30.17	14.56	Average	302	229
6	10580.00	60.64	68.20	-7.56	46.08	14.56	Peak	302	229
7	15870.00	44.53	54.00	-9.47	29.86	14.67	Average	246	30
8	15870.00	59.29	74.00	-14.71	44.62	14.67	Peak	246	30

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

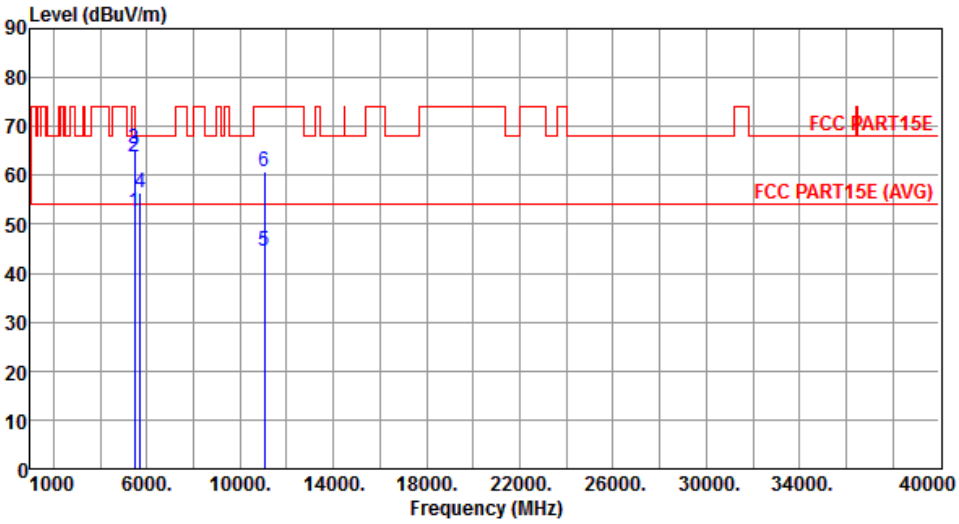
Modulation	VHT80	**Test Freq. (MHz)**	5290
Polarization	Vertical	**Test Configuration**	1



	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	46.60	54.00	-7.40	42.20	4.40	Average	310	296
2	5150.00	58.15	74.00	-15.85	53.75	4.40	Peak	310	296
3	5350.00	48.93	54.00	-5.07	44.29	4.64	Average	310	296
4	5350.00	61.47	74.00	-12.53	56.83	4.64	Peak	310	296
5	10580.00	44.20	54.00	-9.80	29.64	14.56	Average	263	340
6	10580.00	60.17	68.20	-8.03	45.61	14.56	Peak	263	340
7	15870.00	44.39	54.00	-9.61	29.72	14.67	Average	255	3
8	15870.00	59.24	74.00	-14.76	44.57	14.67	Peak	255	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).

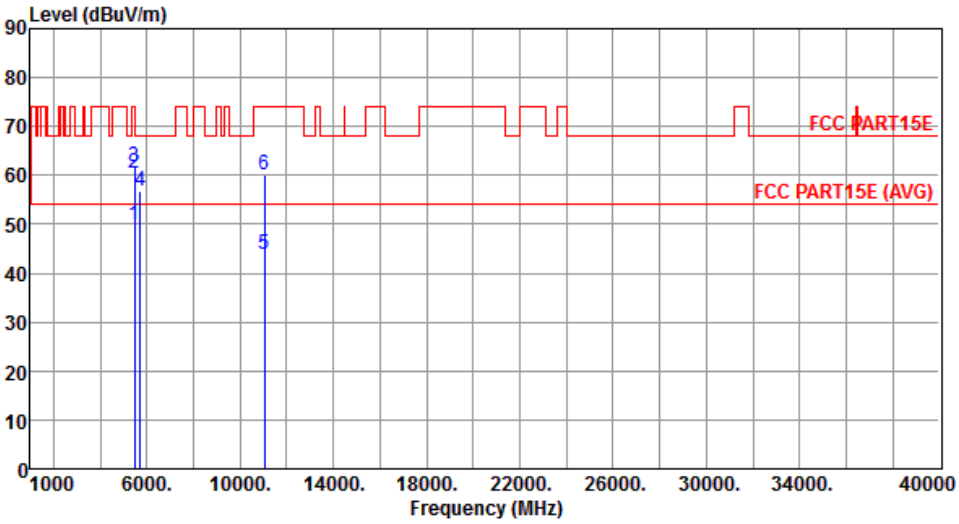
Modulation	VHT80	Test Freq. (MHz)	5530
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	52.35	54.00	-1.65	47.57	4.78	Average	352	108
2	5460.00	63.63	74.00	-10.37	58.85	4.78	Peak	352	108
3	5470.00	65.49	68.20	-2.71	60.70	4.79	Peak	352	108
4	5725.00	56.35	68.20	-11.85	51.26	5.09	Peak	352	108
5	11060.00	44.37	54.00	-9.63	29.26	15.11	Average	346	155
6	11060.00	60.72	74.00	-13.28	45.61	15.11	Peak	346	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).

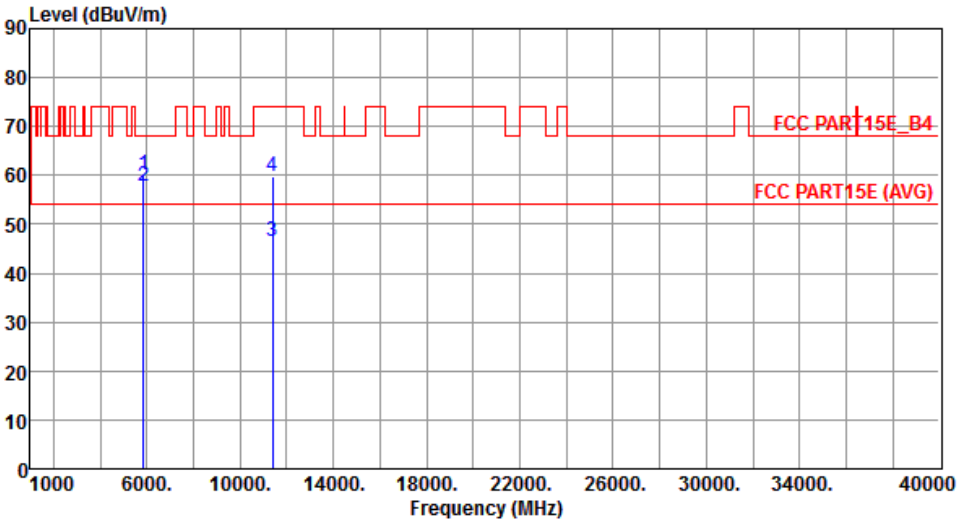
Modulation	VHT80	Test Freq. (MHz)	5530
Polarization	Vertical	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	49.77	54.00	-4.23	44.99	4.78	Average	302	347
2	5460.00	60.60	74.00	-13.40	55.82	4.78	Peak	302	347
3	5470.00	61.78	68.20	-6.42	56.99	4.79	Peak	302	347
4	5725.00	56.63	68.20	-11.57	51.54	5.09	Peak	302	347
5	11060.00	43.85	54.00	-10.15	28.74	15.11	Average	285	225
6	11060.00	59.99	74.00	-14.01	44.88	15.11	Peak	285	225

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

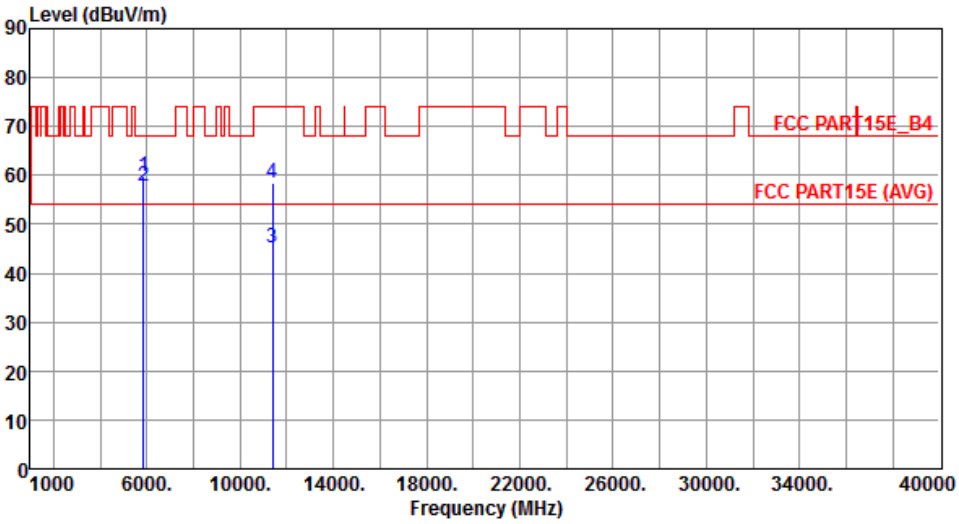
Modulation	VHT80	Test Freq. (MHz)	5690
Polarization	Horizontal	Test Configuration	1



	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	60.19	78.20	-18.01	54.93	5.26	Peak	330	96
2	5860.00	57.77	68.20	-10.43	52.50	5.27	Peak	330	96
3	11380.00	46.44	54.00	-7.56	31.02	15.42	Average	236	255
4	11380.00	59.75	74.00	-14.25	44.33	15.42	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).

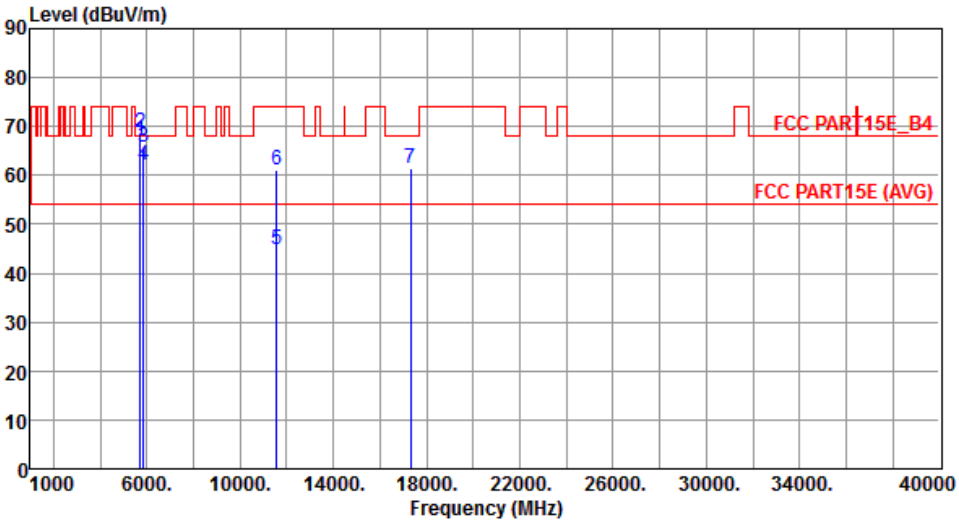
Modulation	VHT80	Test Freq. (MHz)	5690
Polarization	Vertical	Test Configuration	1



	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	59.69	78.20	-18.51	54.43	5.26	Peak	333	177
2	5860.00	57.79	68.20	-10.41	52.52	5.27	Peak	333	177
3	11380.00	45.16	54.00	-8.84	29.74	15.42	Average	267	144
4	11380.00	58.47	74.00	-15.53	43.05	15.42	Peak	267	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).

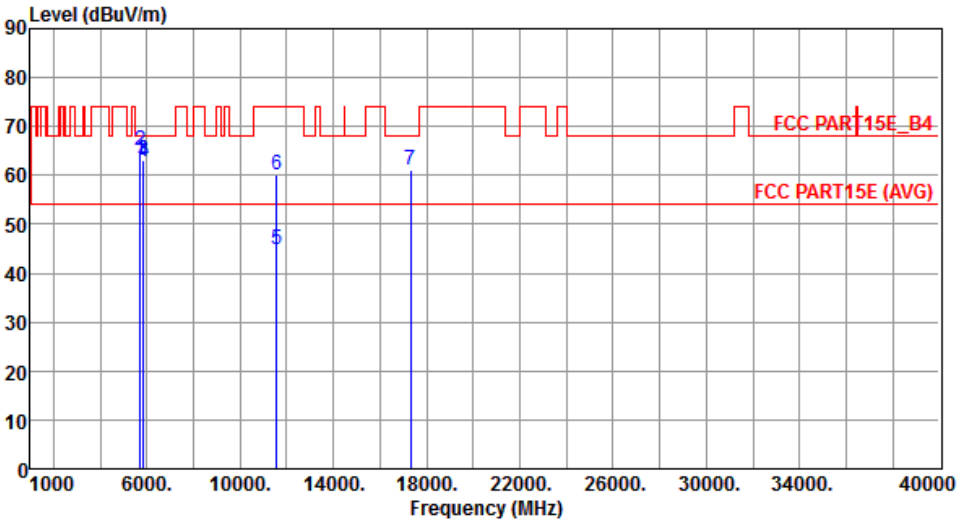
Modulation	VHT80	Test Freq. (MHz)	5775
Polarization	Horizontal	Test Configuration	1



	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	67.16	68.20	-1.04	62.06	5.10	Peak	214	136
2	5725.00	68.76	78.20	-9.44	63.67	5.09	Peak	214	136
3	5850.00	65.87	78.20	-12.33	60.61	5.26	Peak	214	136
4	5860.00	62.18	68.20	-6.02	56.91	5.27	Peak	214	136
5	11550.00	44.97	54.00	-9.03	29.57	15.40	Average	200	244
6	11550.00	61.08	74.00	-12.92	45.68	15.40	Peak	200	244
7	17325.00	61.40	68.20	-6.80	42.27	19.13	Peak	215	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	VHT80	Test Freq. (MHz)	5775
Polarization	Vertical	Test Configuration	1



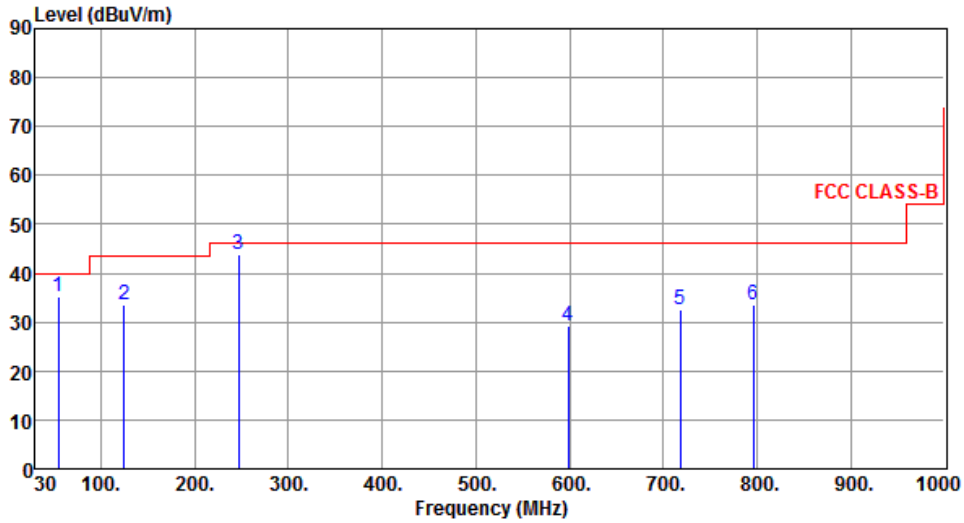
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	63.25	68.20	-4.95	58.15	5.10	Peak	219	325
2	5725.00	65.22	78.20	-12.98	60.13	5.09	Peak	219	325
3	5850.00	63.25	78.20	-14.95	57.99	5.26	Peak	219	325
4	5860.00	62.85	68.20	-5.35	57.58	5.27	Peak	219	325
5	11550.00	44.71	54.00	-9.29	29.31	15.40	Average	205	306
6	11550.00	60.08	74.00	-13.92	44.68	15.40	Peak	205	306
7	17325.00	61.10	68.20	-7.10	41.97	19.13	Peak	196	33

Note 1: Emission Level (dBuV/m) = SA Reading (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: External Antenna with highest gain

3.5.9 Transmitter Radiated Unwanted Emissions (Below 1GHz)

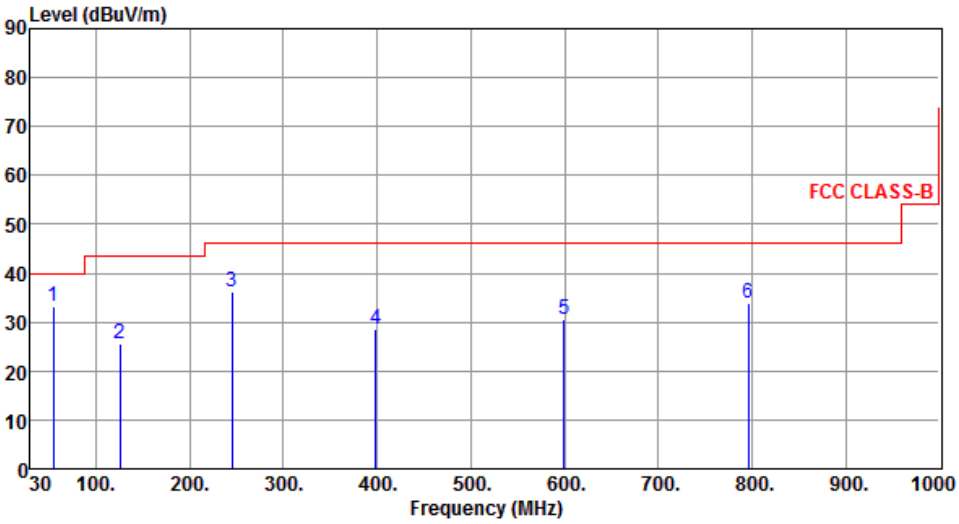
Modulation	VHT40	**Test Freq. (MHz)**	5270
Polarization	Horizontal	**Test Configuration**	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	54.25	35.22	40.00	-4.78	52.07	-16.85	Peak	---	---
2	125.06	33.59	43.50	-9.91	52.01	-18.42	Peak	---	---
3	247.28	43.72	46.00	-2.28	61.50	-17.78	Peak	---	---
4	598.42	29.32	46.00	-16.68	38.87	-9.55	Peak	---	---
5	717.73	32.50	46.00	-13.50	40.17	-7.67	Peak	---	---
6	796.30	33.43	46.00	-12.57	39.97	-6.54	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

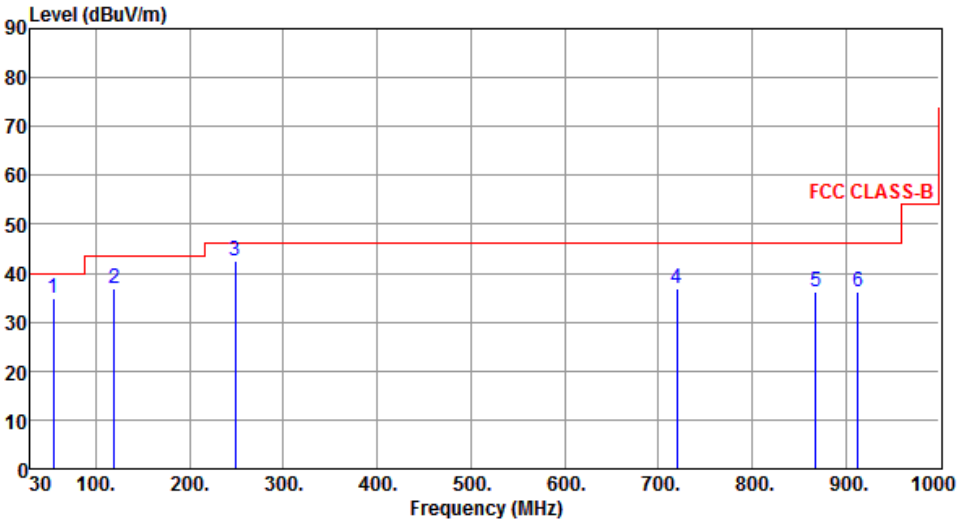
Modulation	VHT40	Test Freq. (MHz)	5270
Polarization	Vertical	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	54.25	33.07	40.00	-6.93	49.92	-16.85	Peak	---	---
2	126.03	25.61	43.50	-17.89	43.95	-18.34	Peak	---	---
3	245.34	36.28	46.00	-9.72	54.10	-17.82	Peak	---	---
4	398.60	28.67	46.00	-17.33	42.12	-13.45	Peak	---	---
5	599.39	30.70	46.00	-15.30	40.23	-9.53	Peak	---	---
6	796.30	33.93	46.00	-12.07	40.47	-6.54	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

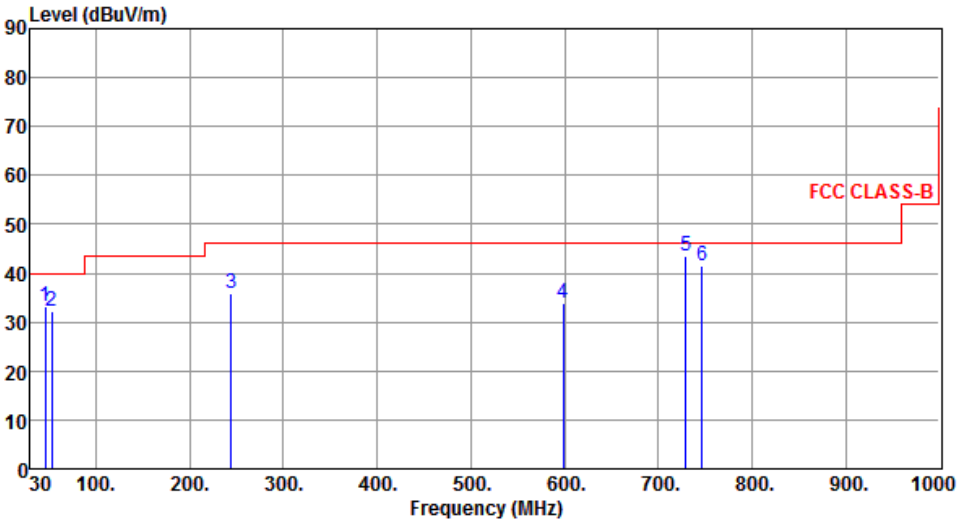
Modulation	VHT40	Test Freq. (MHz)	5550
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	54.31	34.71	40.00	-5.29	51.57	-16.86	Peak	---	---
2	119.27	36.80	43.50	-6.70	55.69	-18.89	Peak	---	---
3	248.21	42.43	46.00	-3.57	60.19	-17.76	Peak	---	---
4	719.63	36.88	46.00	-9.12	44.51	-7.63	Peak	---	---
5	868.02	36.28	46.00	-9.72	41.91	-5.63	Peak	---	---
6	912.65	36.35	46.00	-9.65	41.38	-5.03	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.

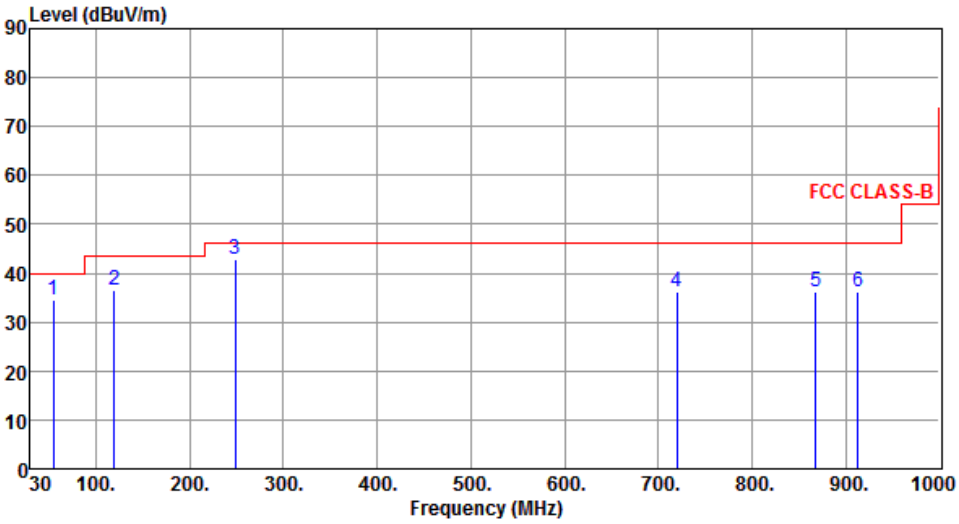
Modulation	VHT40	Test Freq. (MHz)	5550
Polarization	Vertical	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	45.58	33.16	40.00	-6.84	49.47	-16.31	Peak	---	---
2	53.24	32.28	40.00	-7.72	49.01	-16.73	Peak	---	---
3	244.27	35.99	46.00	-10.01	53.84	-17.85	Peak	---	---
4	598.43	33.82	46.00	-12.18	43.37	-9.55	Peak	---	---
5	729.32	43.50	46.00	-2.50	50.90	-7.40	Peak	---	---
6	746.82	41.46	46.00	-4.54	48.47	-7.01	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.

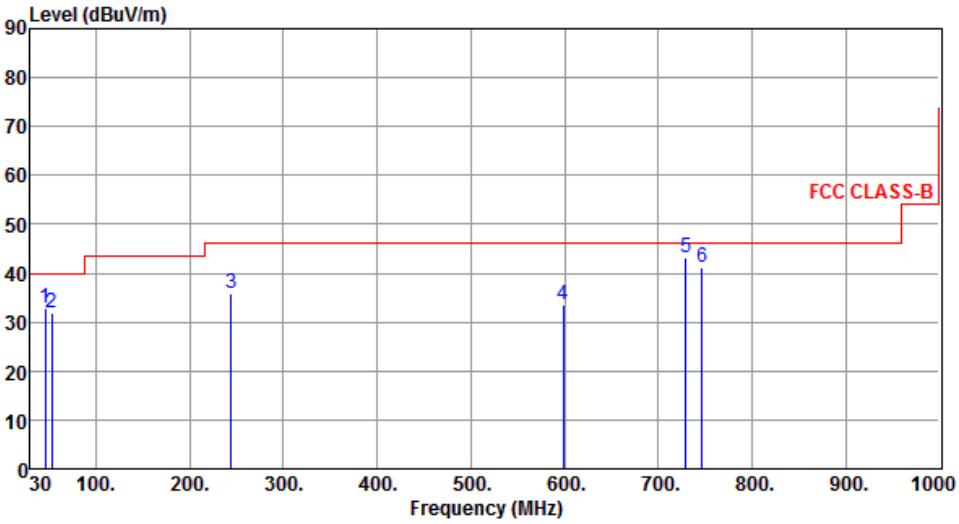
Modulation	VHT40	Test Freq. (MHz)	5795
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	54.25	34.55	40.00	-5.45	51.40	-16.85	Peak	---	---
2	119.24	36.56	43.50	-6.94	55.45	-18.89	Peak	---	---
3	248.25	42.86	46.00	-3.14	60.61	-17.75	Peak	---	---
4	719.67	36.33	46.00	-9.67	43.96	-7.63	Peak	---	---
5	868.08	36.21	46.00	-9.79	41.84	-5.63	Peak	---	---
6	912.70	36.16	46.00	-9.84	41.19	-5.03	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	Vertical	Test Configuration	2

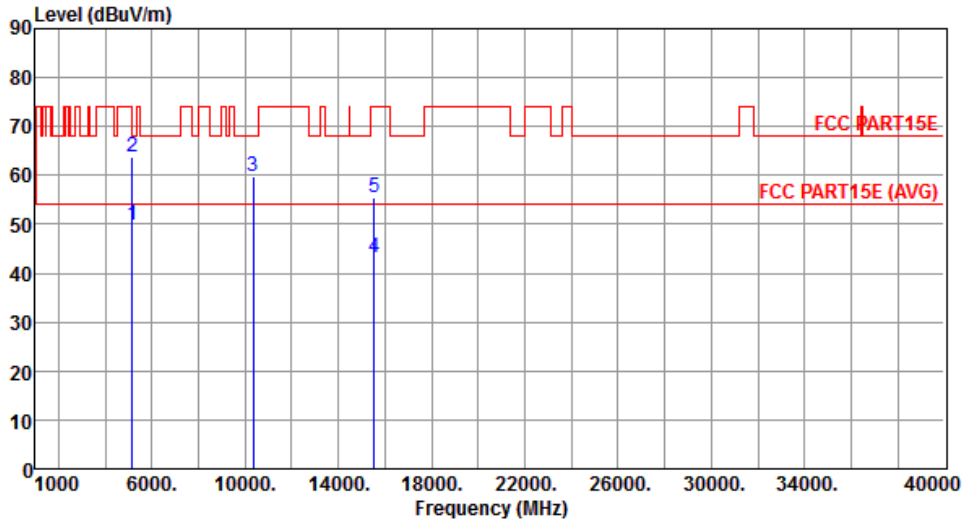


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	45.52	32.90	40.00	-7.10	49.21	-16.31	Peak	---	---
2	53.28	32.02	40.00	-7.98	48.75	-16.73	Peak	---	---
3	244.37	35.80	46.00	-10.20	53.65	-17.85	Peak	---	---
4	598.42	33.65	46.00	-12.35	43.20	-9.55	Peak	---	---
5	729.37	43.22	46.00	-2.78	50.62	-7.40	Peak	---	---
6	746.83	41.11	46.00	-4.89	48.12	-7.01	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

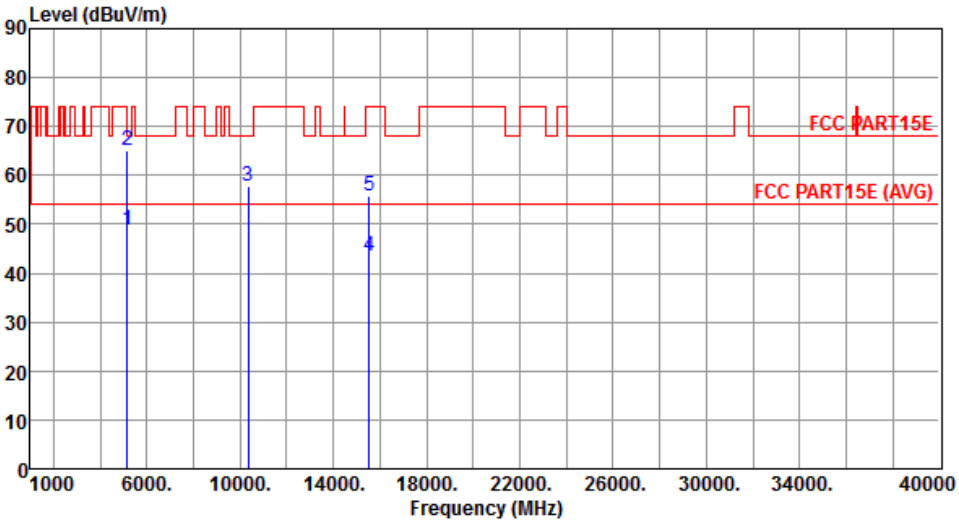
Modulation	11a	Test Freq. (MHz)	5180
Polarization	Horizontal	Test Configuration	2



	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	49.91	54.00	-4.09	45.51	4.40	Average	221	336
2	5150.00	63.68	74.00	-10.32	59.28	4.40	Peak	221	336
3	10360.00	59.87	68.20	-8.33	45.67	14.20	Peak	100	38
4	15540.00	43.15	54.00	-10.85	28.04	15.11	Average	110	295
5	15540.00	55.49	74.00	-18.51	40.38	15.11	Peak	110	295

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

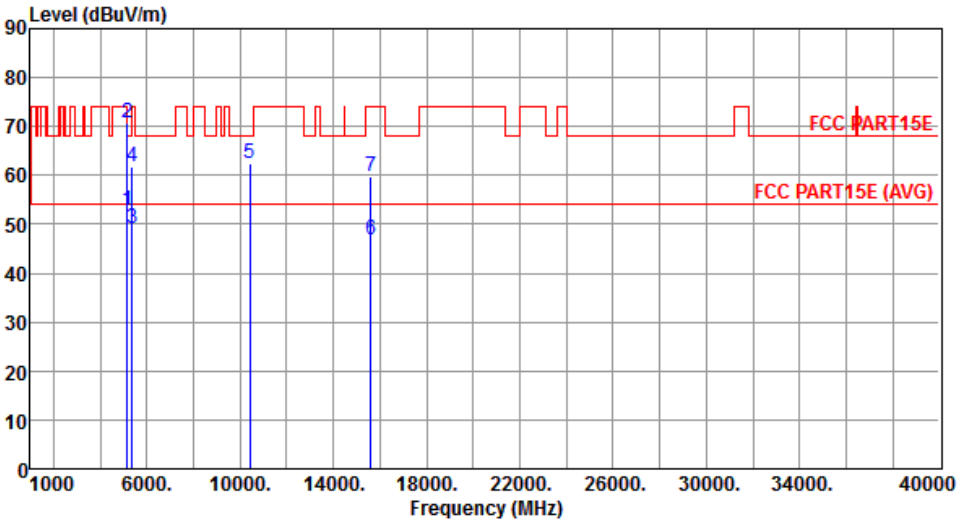
Modulation	11a	Test Freq. (MHz)	5180
Polarization	Vertical	Test Configuration	2



	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	48.96	54.00	-5.04	44.56	4.40	Average	100	325
2	5150.00	65.13	74.00	-8.87	60.73	4.40	Peak	100	325
3	10360.00	57.87	68.20	-10.33	43.67	14.20	Peak	100	166
4	15540.00	43.52	54.00	-10.48	28.41	15.11	Average	100	25
5	15540.00	55.86	74.00	-18.14	40.75	15.11	Peak	100	25

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

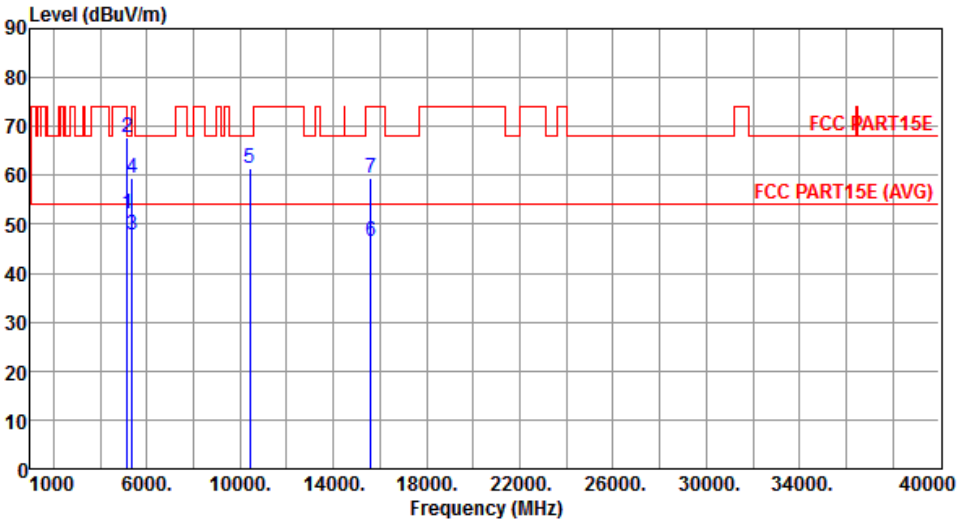
Modulation	11a	Test Freq. (MHz)	5200
Polarization	Horizontal	Test Configuration	2



	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	52.95	54.00	-1.05	48.55	4.40	Average	215	333
2	5150.00	70.76	74.00	-3.24	66.36	4.40	Peak	215	333
3	5350.00	49.03	54.00	-4.97	44.39	4.64	Average	215	333
4	5350.00	61.64	74.00	-12.36	57.00	4.64	Peak	215	333
5	10400.00	62.57	68.20	-5.63	48.29	14.28	Peak	100	170
6	15600.00	46.69	54.00	-7.31	31.67	15.02	Average	100	147
7	15600.00	59.62	74.00	-14.38	44.60	15.02	Peak	100	147

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

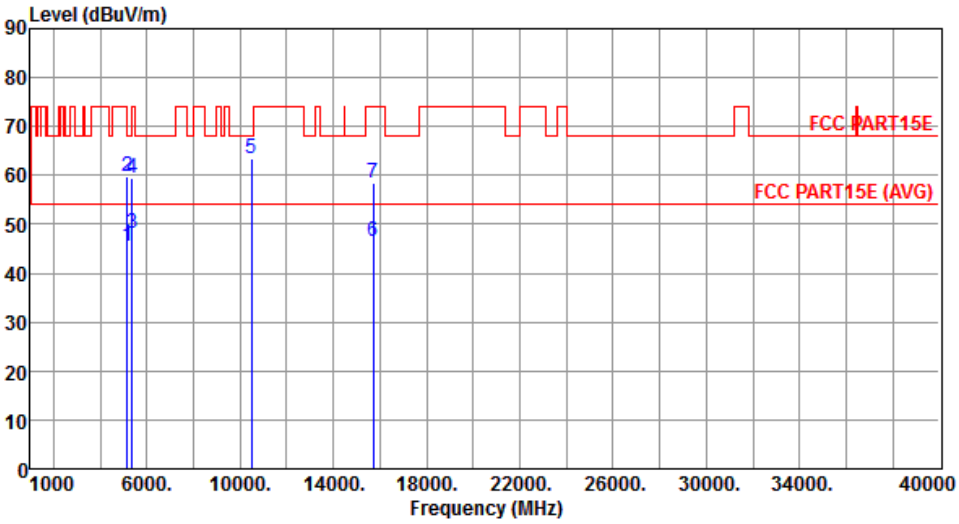
Modulation	11a	Test Freq. (MHz)	5200
Polarization	Vertical	Test Configuration	2



	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	52.09	54.00	-1.91	47.69	4.40	Average	100	323
2	5150.00	67.82	74.00	-6.18	63.42	4.40	Peak	100	323
3	5350.00	47.84	54.00	-6.16	43.20	4.64	Average	100	323
4	5350.00	59.37	74.00	-14.63	54.73	4.64	Peak	100	323
5	10400.00	61.50	68.20	-6.70	47.22	14.28	Peak	100	58
6	15600.00	46.55	54.00	-7.45	31.53	15.02	Average	100	44
7	15600.00	59.57	74.00	-14.43	44.55	15.02	Peak	100	44

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

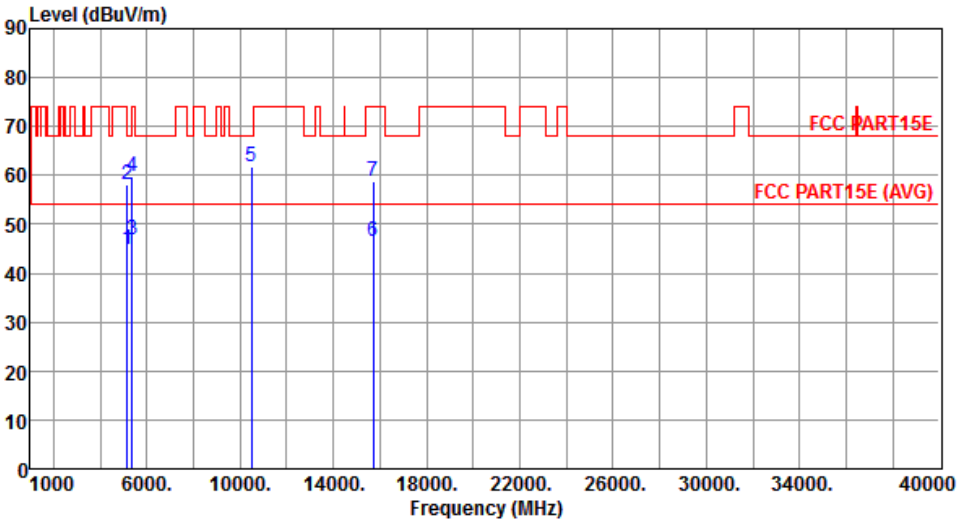
Modulation	11a	Test Freq. (MHz)	5240
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	45.38	54.00	-8.62	40.98	4.40	Average	221	333
2	5150.00	59.73	74.00	-14.27	55.33	4.40	Peak	221	333
3	5350.00	48.18	54.00	-5.82	43.54	4.64	Average	221	333
4	5350.00	59.58	74.00	-14.42	54.94	4.64	Peak	221	333
5	10480.00	63.31	68.20	-4.89	48.88	14.43	Peak	100	169
6	15720.00	46.49	54.00	-7.51	31.62	14.87	Average	100	188
7	15720.00	58.41	74.00	-15.59	43.54	14.87	Peak	100	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).

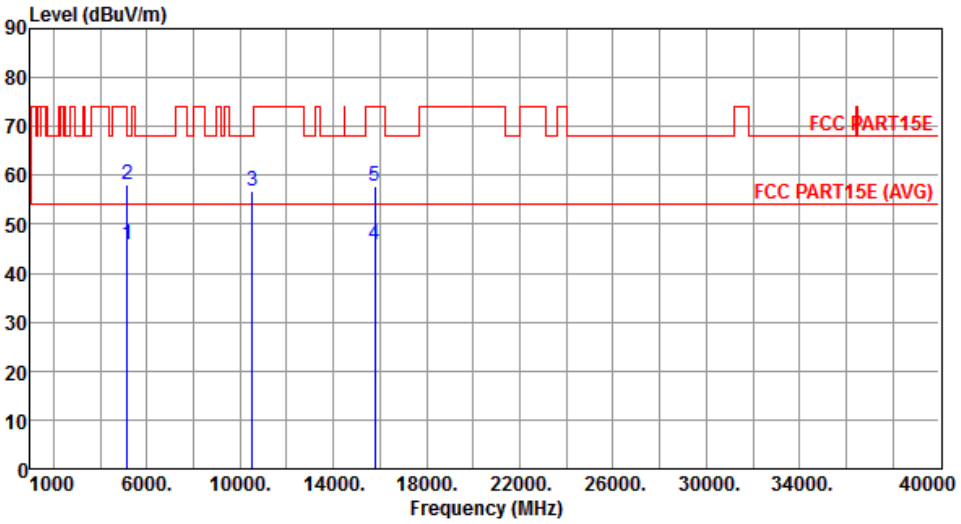
Modulation	11a	Test Freq. (MHz)	5240
Polarization	Vertical	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	44.98	54.00	-9.02	40.58	4.40	Average	146	321
2	5150.00	58.18	74.00	-15.82	53.78	4.40	Peak	146	321
3	5350.00	46.89	54.00	-7.11	42.25	4.64	Average	146	321
4	5350.00	59.61	74.00	-14.39	54.97	4.64	Peak	146	321
5	10480.00	61.88	68.20	-6.32	47.45	14.43	Peak	100	177
6	15720.00	46.54	54.00	-7.46	31.67	14.87	Average	100	255
7	15720.00	58.69	74.00	-15.31	43.82	14.87	Peak	100	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).

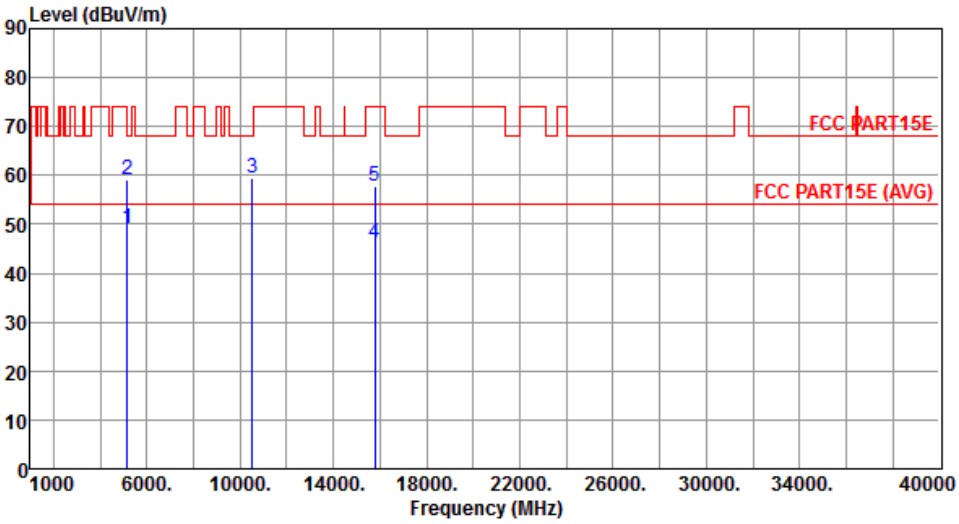
Modulation	11a	Test Freq. (MHz)	5260
Polarization	Horizontal	Test Configuration	2



	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	45.90	54.00	-8.10	41.50	4.40	Average	214	152
2	5150.00	58.27	74.00	-15.73	53.87	4.40	Peak	214	152
3	10520.00	56.90	68.20	-11.30	42.40	14.50	Peak	281	329
4	15780.00	45.73	54.00	-8.27	30.94	14.79	Average	305	249
5	15780.00	57.70	74.00	-16.30	42.91	14.79	Peak	305	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).

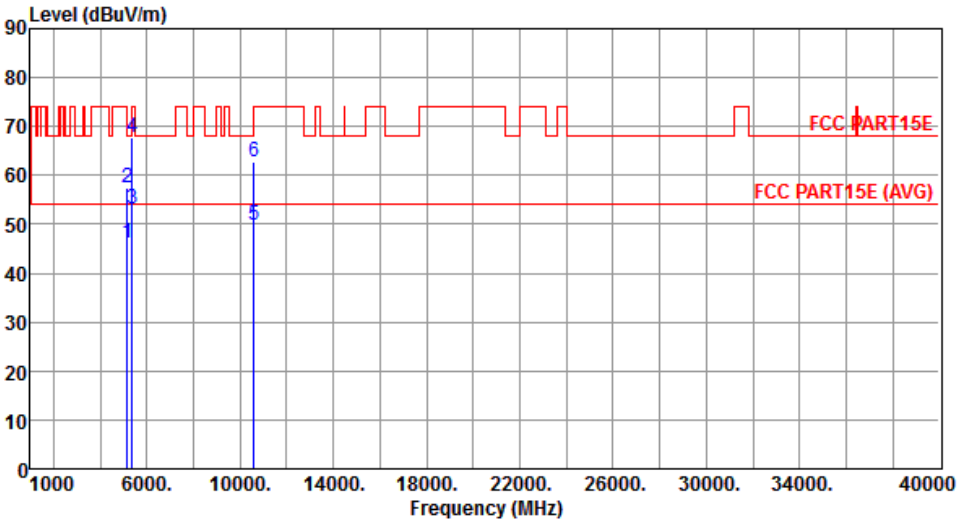
Modulation	11a	Test Freq. (MHz)	5260
Polarization	Vertical	Test Configuration	2



	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	49.25	54.00	-4.75	44.85	4.40	Average	248	190
2	5150.00	59.18	74.00	-14.82	54.78	4.40	Peak	248	190
3	10520.00	59.29	68.20	-8.91	44.79	14.50	Peak	281	267
4	15780.00	46.03	54.00	-7.97	31.24	14.79	Average	237	167
5	15780.00	57.74	74.00	-16.26	42.95	14.79	Peak	237	167

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

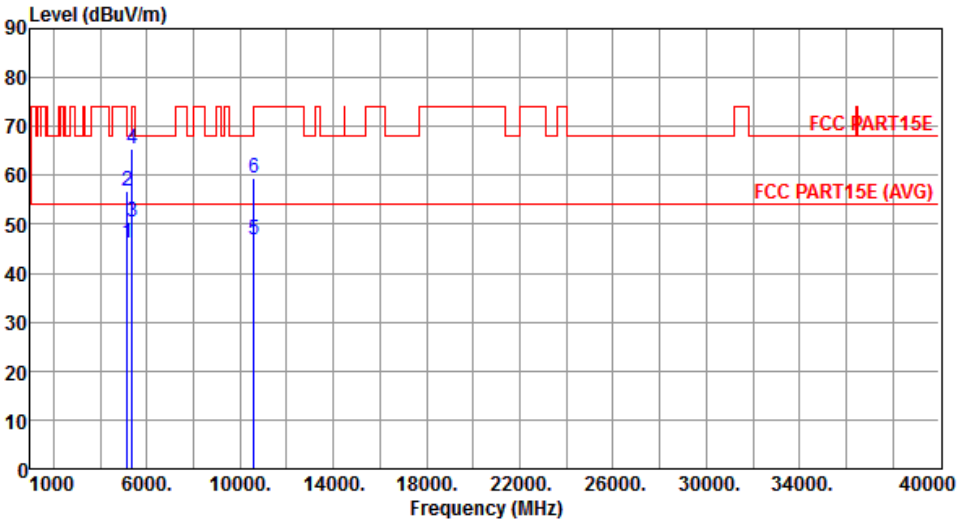
Modulation	11a	Test Freq. (MHz)	5300
Polarization	Horizontal	Test Configuration	2



	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	46.26	54.00	-7.74	41.86	4.40	Average	225	152
2	5150.00	57.48	74.00	-16.52	53.08	4.40	Peak	225	152
3	5350.00	52.98	54.00	-1.02	48.34	4.64	Average	225	152
4	5350.00	67.80	74.00	-6.20	63.16	4.64	Peak	225	152
5	10600.00	49.88	54.00	-4.12	35.29	14.59	Average	110	342
6	10600.00	62.88	74.00	-11.12	48.29	14.59	Peak	110	342

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

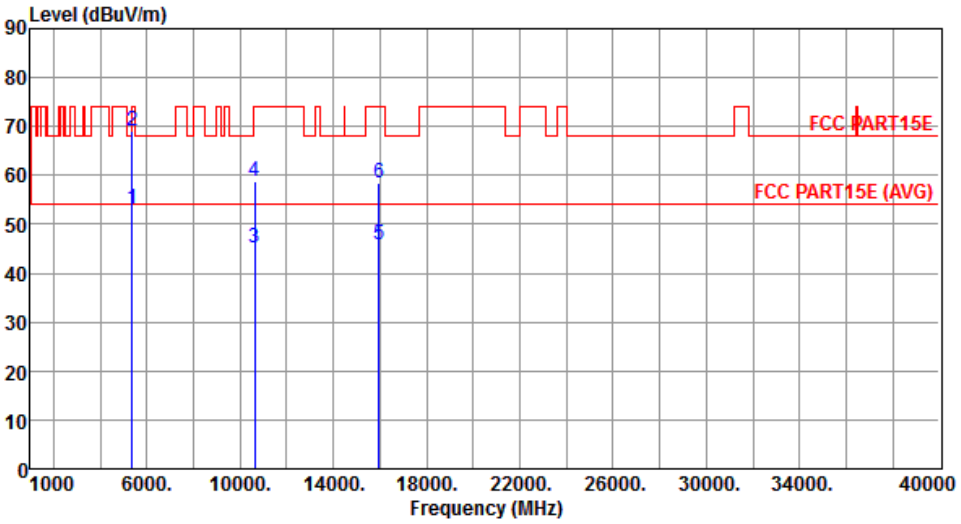
Modulation	11a	Test Freq. (MHz)	5300
Polarization	Vertical	Test Configuration	2



	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	46.25	54.00	-7.75	41.85	4.40	Average	244	193
2	5150.00	56.94	74.00	-17.06	52.54	4.40	Peak	244	193
3	5350.00	50.54	54.00	-3.46	45.90	4.64	Average	244	193
4	5350.00	65.42	74.00	-8.58	60.78	4.64	Peak	244	193
5	10600.00	46.87	54.00	-7.13	32.28	14.59	Average	129	219
6	10600.00	59.60	74.00	-14.40	45.01	14.59	Peak	129	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).

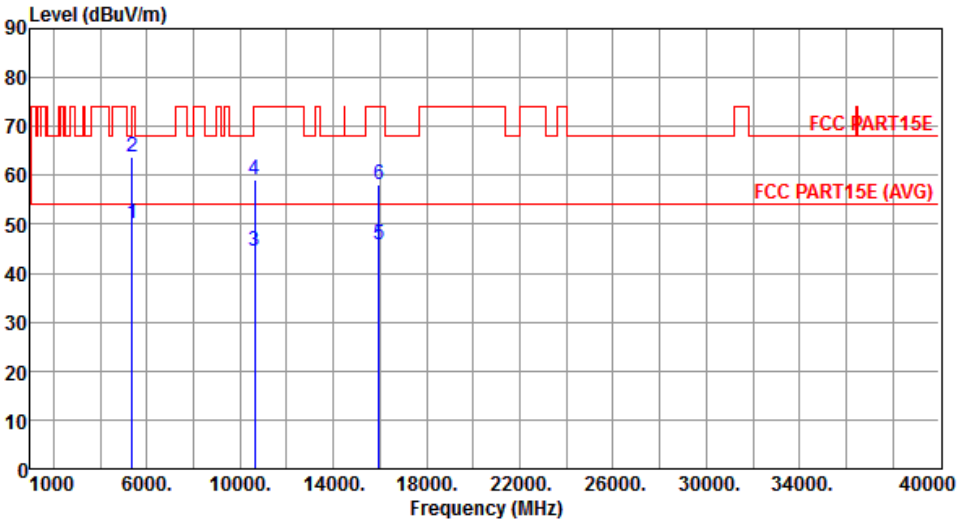
Modulation	11a	Test Freq. (MHz)	5320
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	52.98	54.00	-1.02	48.34	4.64	Average	226	152
2	5350.00	68.98	74.00	-5.02	64.34	4.64	Peak	226	152
3	10640.00	45.08	54.00	-8.92	30.44	14.64	Average	120	330
4	10640.00	58.62	74.00	-15.38	43.98	14.64	Peak	120	330
5	15960.00	45.68	54.00	-8.32	31.13	14.55	Average	309	176
6	15960.00	58.51	74.00	-15.49	43.96	14.55	Peak	309	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).

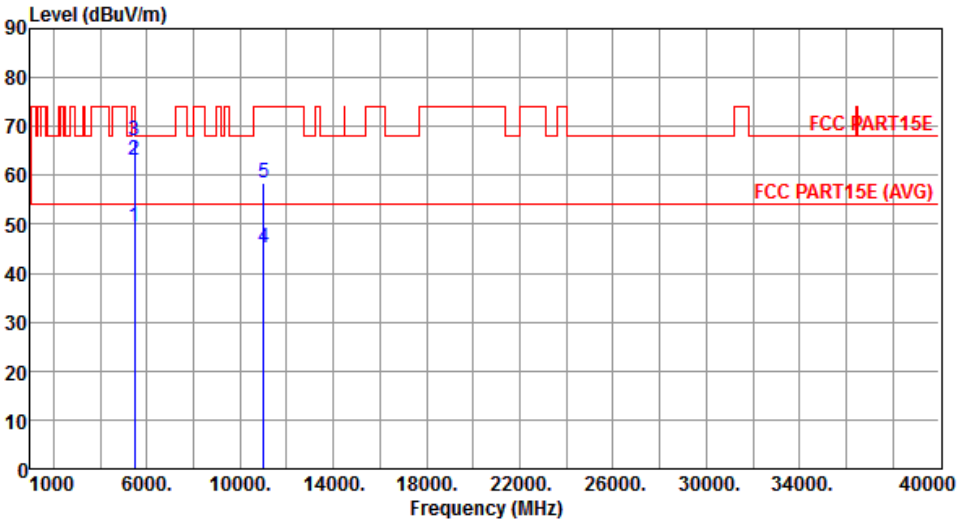
Modulation	11a	Test Freq. (MHz)	5320
Polarization	Vertical	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	50.22	54.00	-3.78	45.58	4.64	Average	268	186
2	5350.00	63.70	74.00	-10.30	59.06	4.64	Peak	268	186
3	10640.00	44.66	54.00	-9.34	30.02	14.64	Average	230	152
4	10640.00	59.03	74.00	-14.97	44.39	14.64	Peak	230	152
5	15960.00	45.67	54.00	-8.33	31.12	14.55	Average	215	173
6	15960.00	58.03	74.00	-15.97	43.48	14.55	Peak	215	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).

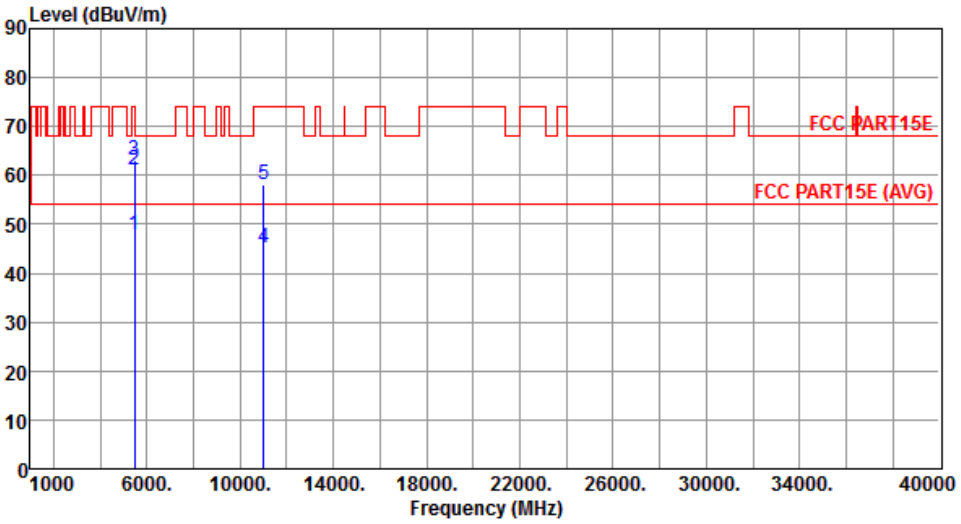
Modulation	11a	Test Freq. (MHz)	5500
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	49.37	54.00	-4.63	44.59	4.78	Average	214	148
2	5460.00	62.99	74.00	-11.01	58.21	4.78	Peak	214	148
3	5470.00	67.07	68.20	-1.13	62.28	4.79	Peak	214	148
4	11000.00	45.08	54.00	-8.92	30.02	15.06	Average	148	297
5	11000.00	58.38	74.00	-15.62	43.32	15.06	Peak	148	297

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

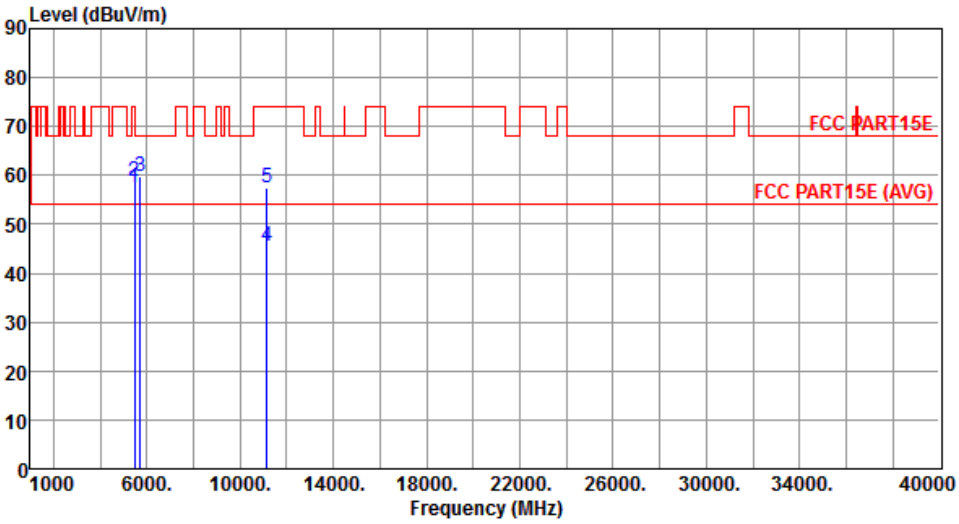
Modulation	11a	Test Freq. (MHz)	5500
Polarization	Vertical	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	47.88	54.00	-6.12	43.10	4.78	Average	220	151
2	5460.00	61.23	74.00	-12.77	56.45	4.78	Peak	220	151
3	5470.00	63.06	68.20	-5.14	58.27	4.79	Peak	220	151
4	11000.00	45.19	54.00	-8.81	30.13	15.06	Average	274	193
5	11000.00	58.01	74.00	-15.99	42.95	15.06	Peak	274	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).

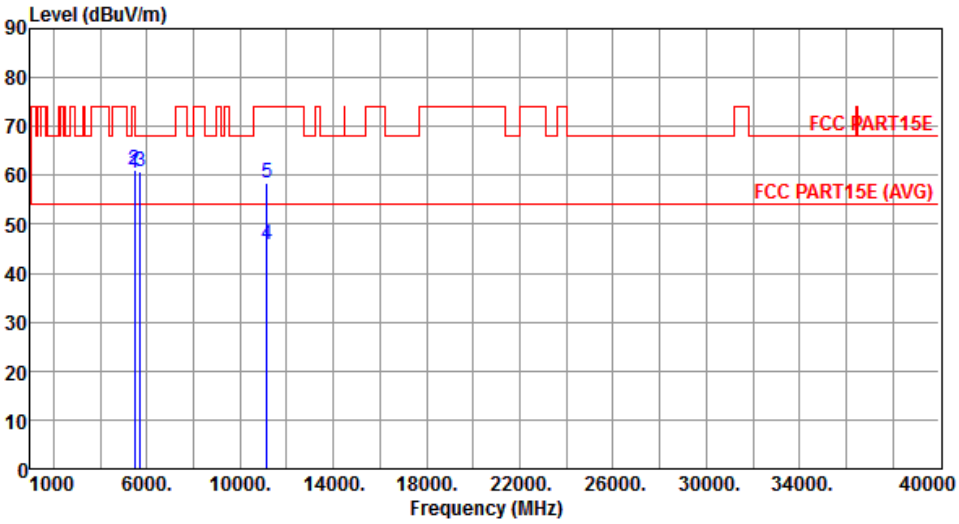
Modulation	11a	Test Freq. (MHz)	5580
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	57.41	74.00	-16.59	52.63	4.78	Peak	209	153
2	5470.00	58.73	68.20	-9.47	53.94	4.79	Peak	209	153
3	5725.00	59.62	68.20	-8.58	54.53	5.09	Peak	209	153
4	11160.00	45.53	54.00	-8.47	30.32	15.21	Average	267	90
5	11160.00	57.47	74.00	-16.53	42.26	15.21	Peak	267	90

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

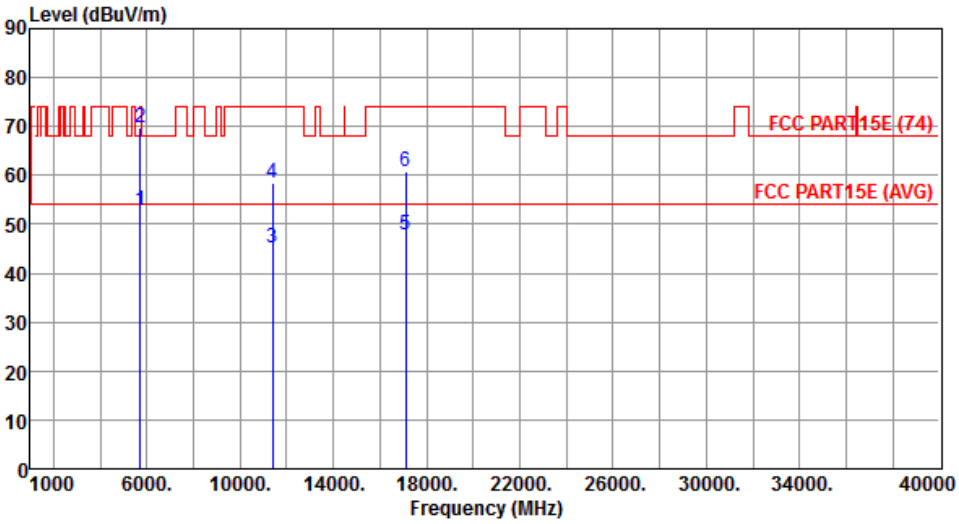
Modulation	11a	Test Freq. (MHz)	5580
Polarization	Vertical	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	60.42	74.00	-13.58	55.64	4.78	Peak	185	145
2	5470.00	61.06	68.20	-7.14	56.27	4.79	Peak	185	145
3	5725.00	60.90	68.20	-7.30	55.81	5.09	Peak	185	145
4	11160.00	45.68	54.00	-8.32	30.47	15.21	Average	297	170
5	11160.00	58.47	74.00	-15.53	43.26	15.21	Peak	297	170

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

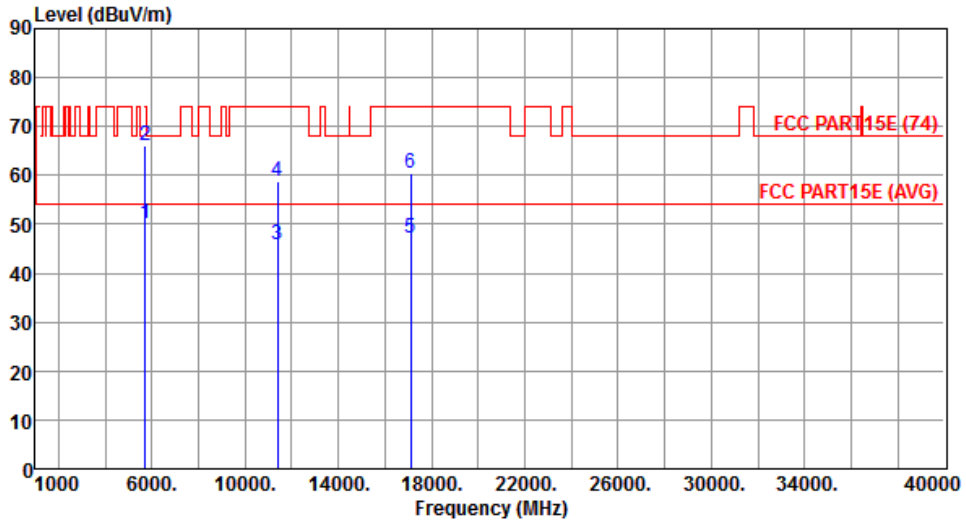
Modulation	11a	Test Freq. (MHz)	5700
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5725.00	52.81	54.00	-1.19	47.72	5.09	Average	205	153
2	5725.00	69.72	74.00	-4.28	64.63	5.09	Peak	205	153
3	11400.00	45.29	54.00	-8.71	29.85	15.44	Average	365	179
4	11400.00	58.32	74.00	-15.68	42.88	15.44	Peak	365	179
5	17100.00	47.86	54.00	-6.14	29.36	18.50	Average	248	350
6	17100.00	60.72	74.00	-13.28	42.22	18.50	Peak	248	350

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

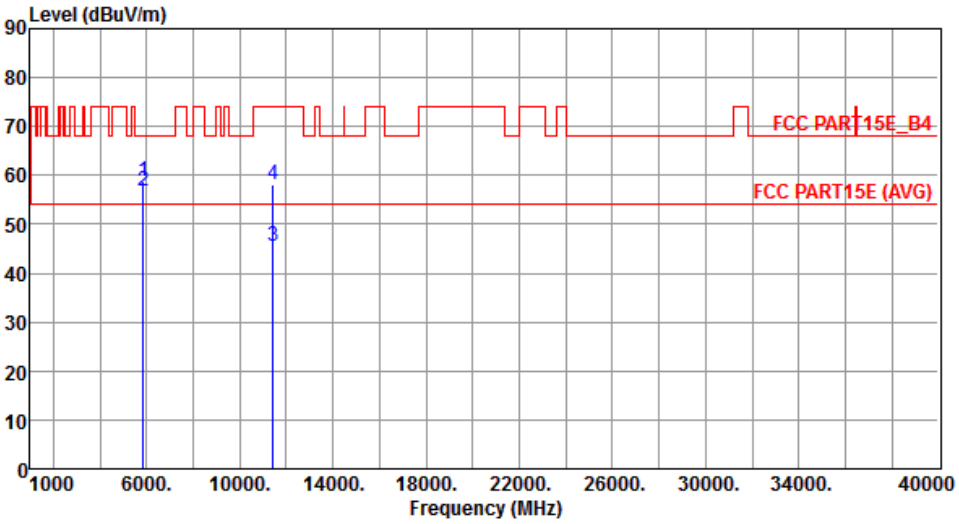
Modulation	11a	Test Freq. (MHz)	5700
Polarization	Vertical	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5725.00	50.14	54.00	-3.86	45.05	5.09	Average	208	148
2	5725.00	66.12	74.00	-7.88	61.03	5.09	Peak	208	148
3	11400.00	45.86	54.00	-8.14	30.42	15.44	Average	157	236
4	11400.00	58.78	74.00	-15.22	43.34	15.44	Peak	157	236
5	17100.00	47.11	54.00	-6.89	28.61	18.50	Average	227	143
6	17100.00	60.38	74.00	-13.62	41.88	18.50	Peak	227	143

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

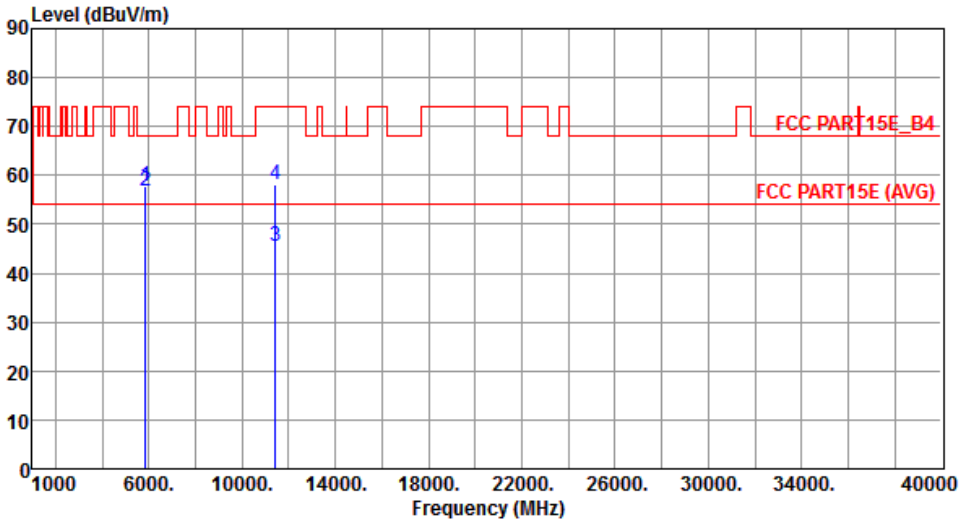
Modulation	11a	Test Freq. (MHz)	5720
Polarization	Horizontal	Test Configuration	2



	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	58.91	78.20	-19.29	53.65	5.26	Peak	216	71
2	5860.00	56.92	68.20	-11.28	51.65	5.27	Peak	216	71
3	11440.00	45.50	54.00	-8.50	30.01	15.49	Average	352	47
4	11440.00	58.02	74.00	-15.98	42.53	15.49	Peak	352	47

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

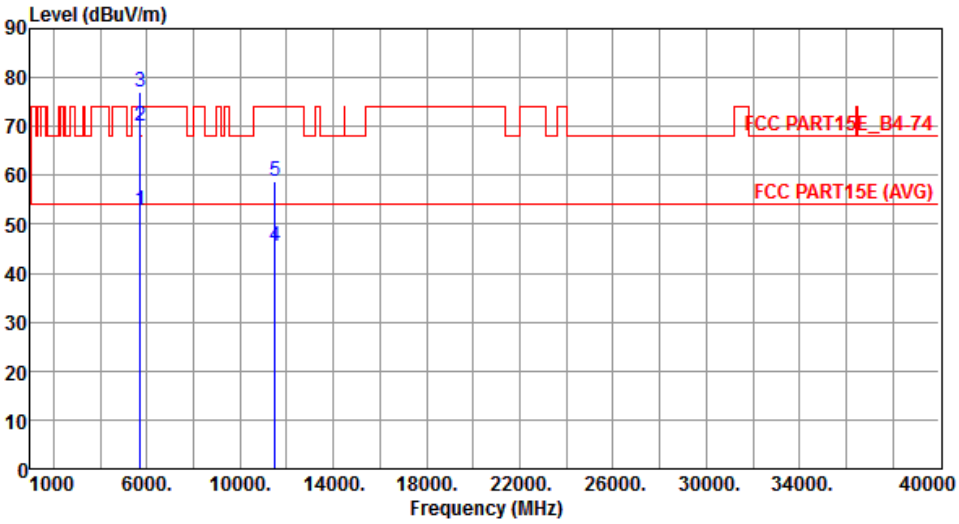
Modulation	11a	Test Freq. (MHz)	5720
Polarization	Vertical	Test Configuration	2



	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	57.76	78.20	-20.44	52.50	5.26	Peak	217	34
2	5860.00	56.80	68.20	-11.40	51.53	5.27	Peak	217	34
3	11440.00	45.58	54.00	-8.42	30.09	15.49	Average	295	271
4	11440.00	58.16	74.00	-15.84	42.67	15.49	Peak	295	271

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

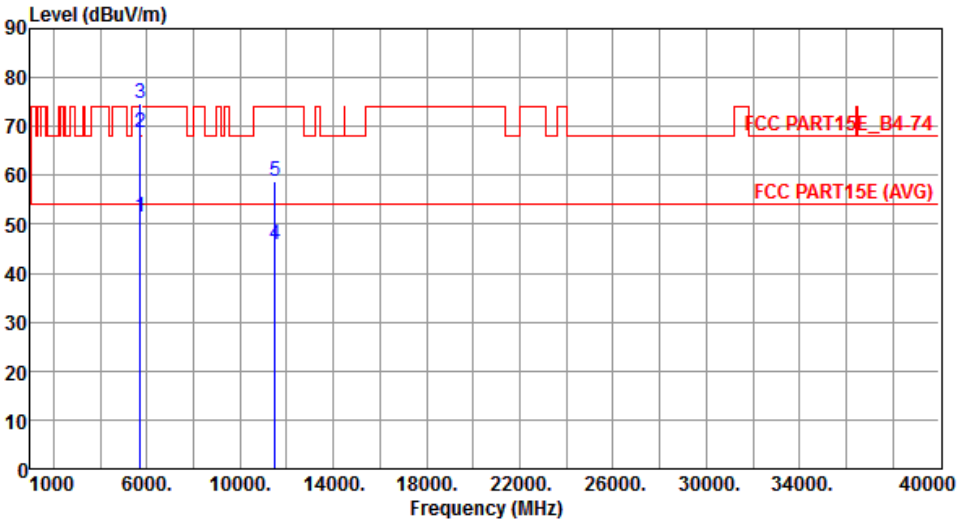
Modulation	11a	Test Freq. (MHz)	5745
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	52.66	54.00	-1.34	47.56	5.10	Average	215	137
2	5715.00	70.17	74.00	-3.83	65.07	5.10	Peak	215	137
3	5725.00	77.11	78.20	-1.09	72.02	5.09	Peak	215	137
4	11490.00	45.52	54.00	-8.48	29.99	15.53	Average	249	271
5	11490.00	58.91	74.00	-15.09	43.38	15.53	Peak	249	271

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

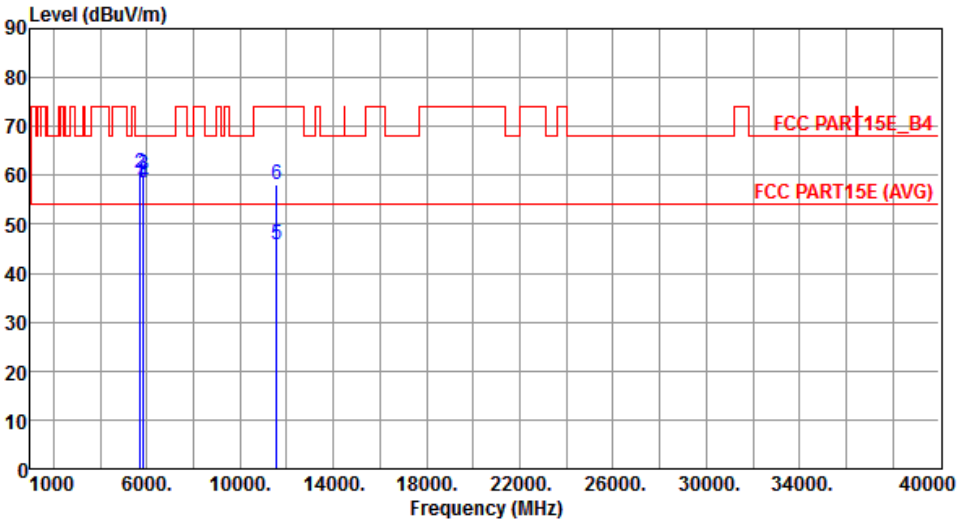
Modulation	11a	Test Freq. (MHz)	5745
Polarization	Vertical	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	51.63	54.00	-2.37	46.53	5.10	Average	192	136
2	5715.00	68.67	74.00	-5.33	63.57	5.10	Peak	192	136
3	5725.00	74.72	78.20	-3.48	69.63	5.09	Peak	192	136
4	11490.00	45.90	54.00	-8.10	30.37	15.53	Average	173	169
5	11490.00	58.90	74.00	-15.10	43.37	15.53	Peak	173	169

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

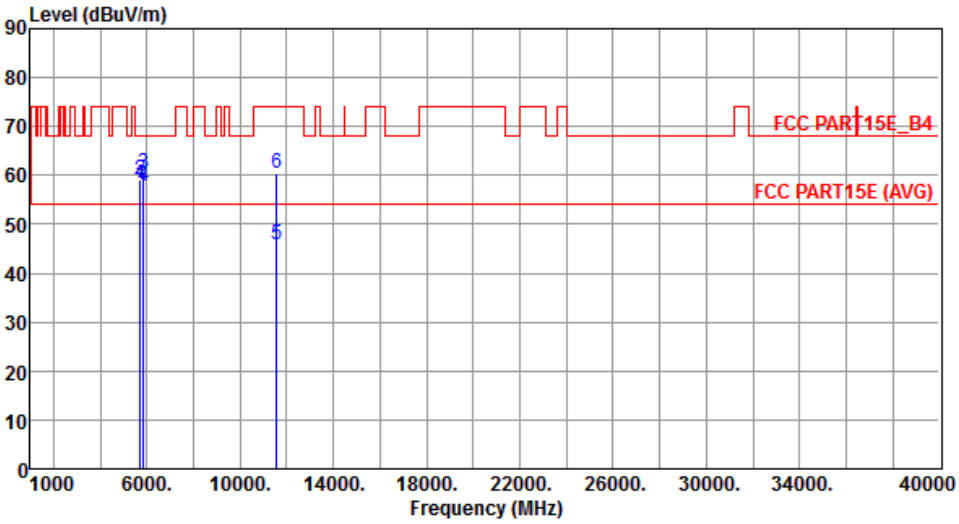
Modulation	11a	Test Freq. (MHz)	5785
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	58.57	68.20	-9.63	53.47	5.10	Peak	211	140
2	5725.00	60.60	78.20	-17.60	55.51	5.09	Peak	211	140
3	5850.00	60.05	78.20	-18.15	54.79	5.26	Peak	211	140
4	5860.00	58.57	68.20	-9.63	53.30	5.27	Peak	211	140
5	11570.00	45.78	54.00	-8.22	30.45	15.33	Average	275	129
6	11570.00	58.09	74.00	-15.91	42.76	15.33	Peak	275	129

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

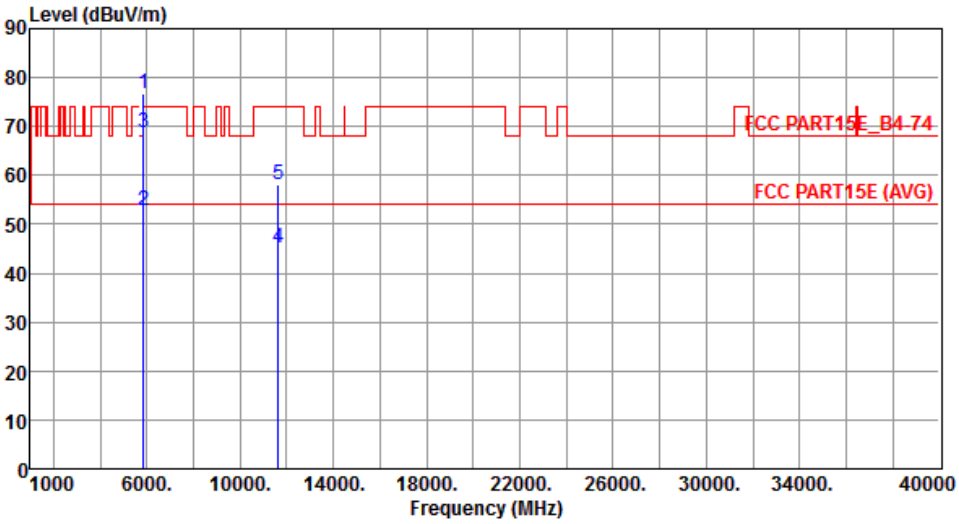
Modulation	11a	Test Freq. (MHz)	5785
Polarization	Vertical	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	58.10	68.20	-10.10	53.00	5.10	Peak	203	134
2	5725.00	59.27	78.20	-18.93	54.18	5.09	Peak	203	134
3	5850.00	60.40	78.20	-17.80	55.14	5.26	Peak	203	134
4	5860.00	57.64	68.20	-10.56	52.37	5.27	Peak	203	134
5	11570.00	45.86	54.00	-8.14	30.53	15.33	Average	270	277
6	11570.00	60.40	74.00	-13.60	45.07	15.33	Peak	270	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).

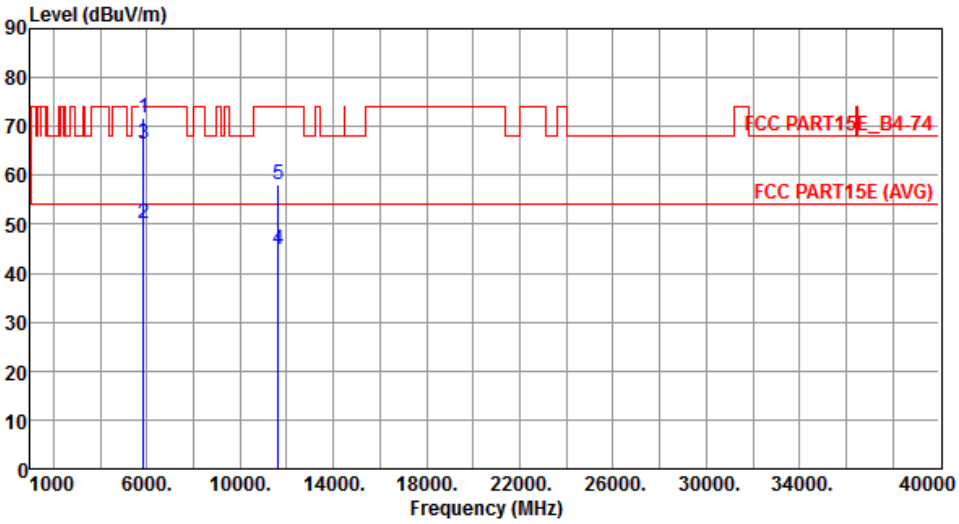
Modulation	11a	Test Freq. (MHz)	5825
Polarization	Horizontal	Test Configuration	2



	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	76.85	78.20	-1.35	71.59	5.26	Peak	211	157
2	5860.00	52.81	54.00	-1.19	47.54	5.27	Average	211	157
3	5860.00	68.89	74.00	-5.11	63.62	5.27	Peak	211	157
4	11650.00	45.17	54.00	-8.83	30.08	15.09	Average	174	274
5	11650.00	58.19	74.00	-15.81	43.10	15.09	Peak	174	274

Note 1: Emission Level (dBuV/m) = SA Reading (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

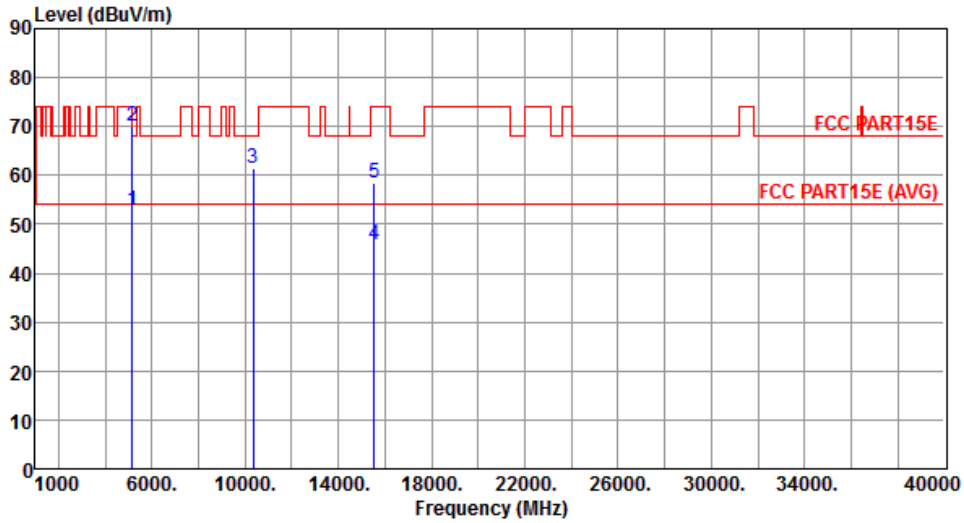


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5850.00	71.67	78.20	-6.53	66.41	5.26	Peak	210	134
2	5860.00	50.03	54.00	-3.97	44.76	5.27	Average	210	134
3	5860.00	66.30	74.00	-7.70	61.03	5.27	Peak	210	134
4	11650.00	44.91	54.00	-9.09	29.82	15.09	Average	274	297
5	11650.00	58.21	74.00	-15.79	43.12	15.09	Peak	274	297

Note 1: Emission Level (dBuV/m) = SA Reading (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

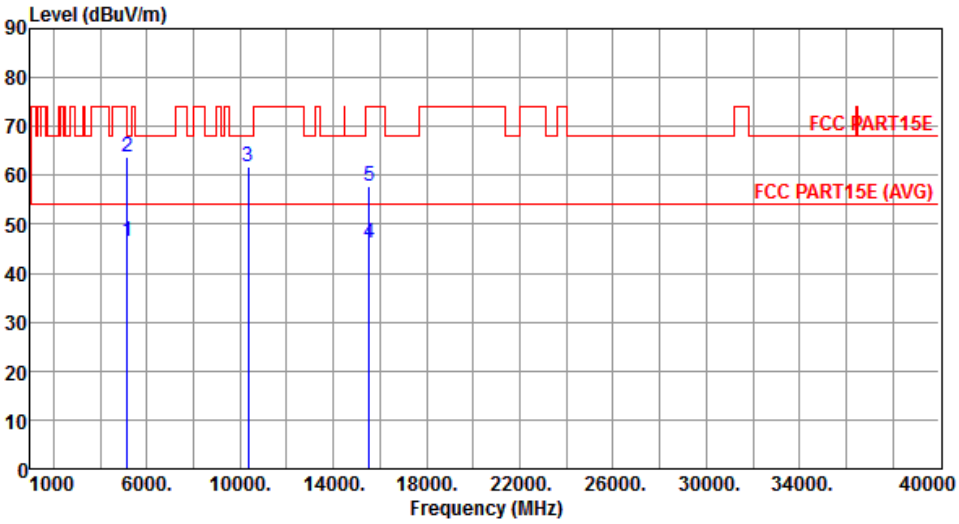
Modulation	VHT20	Test Freq. (MHz)	5180
Polarization	Horizontal	Test Configuration	2



	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	52.96	54.00	-1.04	48.56	4.40	Average	218	151
2	5150.00	70.00	74.00	-4.00	65.60	4.40	Peak	218	151
3	10360.00	61.55	68.20	-6.65	47.35	14.20	Peak	100	333
4	15540.00	45.67	54.00	-8.33	30.56	15.11	Average	113	296
5	15540.00	58.48	74.00	-15.52	43.37	15.11	Peak	113	296

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

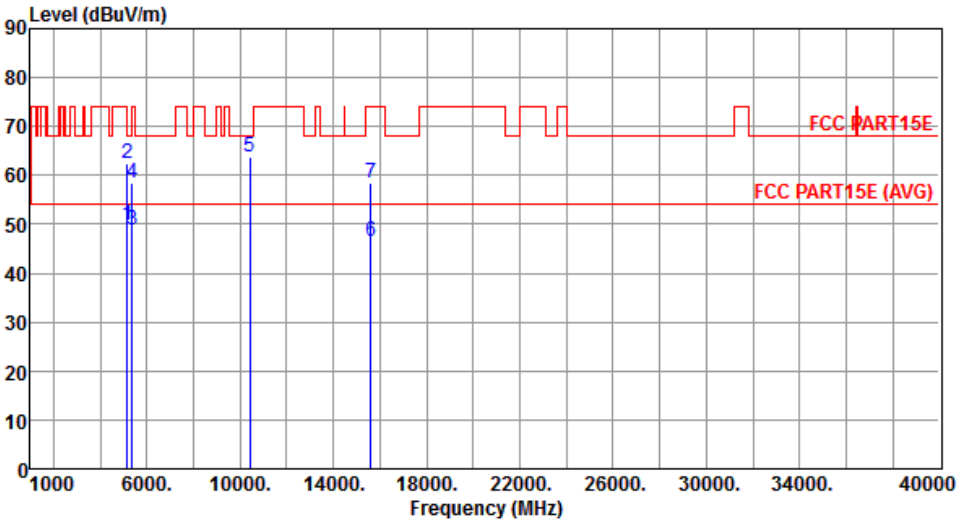
Modulation	VHT20	Test Freq. (MHz)	5180
Polarization	Vertical	Test Configuration	2



	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	46.60	54.00	-7.40	42.20	4.40	Average	217	139
2	5150.00	63.90	74.00	-10.10	59.50	4.40	Peak	217	139
3	10360.00	61.70	68.20	-6.50	47.50	14.20	Peak	230	234
4	15540.00	46.08	54.00	-7.92	30.97	15.11	Average	100	30
5	15540.00	57.78	74.00	-16.22	42.67	15.11	Peak	100	30

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

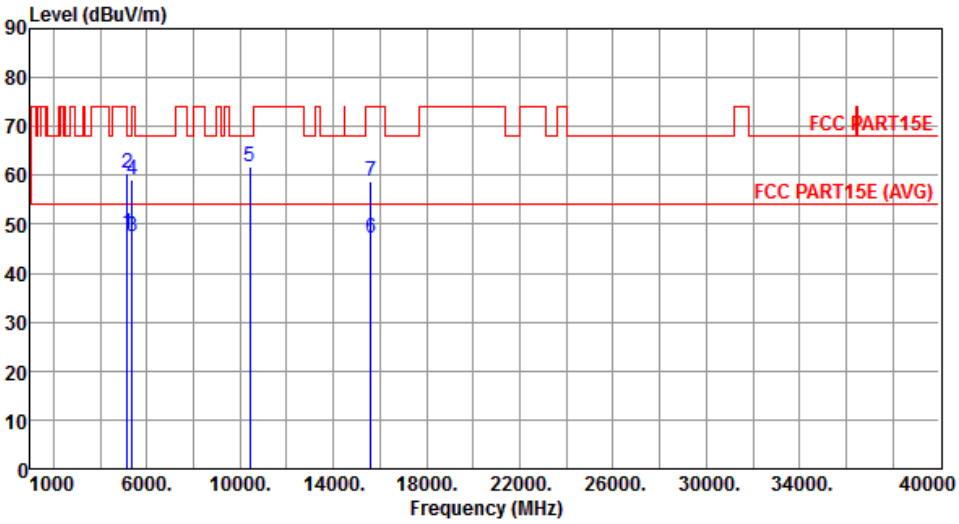
Modulation	VHT20	Test Freq. (MHz)	5200
Polarization	Horizontal	Test Configuration	2



	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	49.82	54.00	-4.18	45.42	4.40	Average	227	152
2	5150.00	62.38	74.00	-11.62	57.98	4.40	Peak	227	152
3	5350.00	48.72	54.00	-5.28	44.08	4.64	Average	227	152
4	5350.00	58.34	74.00	-15.66	53.70	4.64	Peak	227	152
5	10400.00	63.71	68.20	-4.49	49.43	14.28	Peak	100	344
6	15600.00	46.58	54.00	-7.42	31.56	15.02	Average	100	323
7	15600.00	58.37	74.00	-15.63	43.35	15.02	Peak	100	323

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

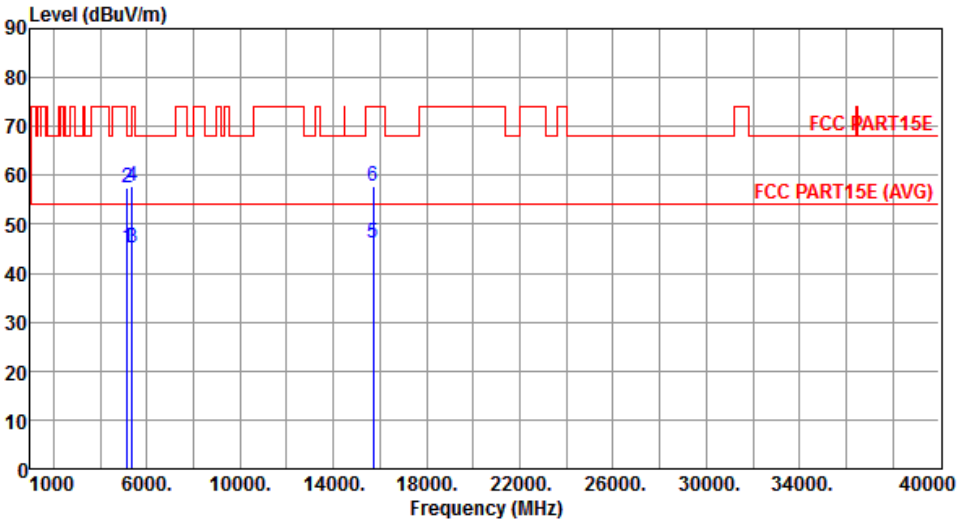
Modulation	VHT20	Test Freq. (MHz)	5200
Polarization	Vertical	Test Configuration	2



	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	48.12	54.00	-5.88	43.72	4.40	Average	100	148
2	5150.00	60.51	74.00	-13.49	56.11	4.40	Peak	100	148
3	5350.00	47.65	54.00	-6.35	43.01	4.64	Average	100	148
4	5350.00	59.12	74.00	-14.88	54.48	4.64	Peak	100	148
5	10400.00	61.77	68.20	-6.43	47.49	14.28	Peak	100	326
6	15600.00	47.01	54.00	-6.99	31.99	15.02	Average	120	139
7	15600.00	58.67	74.00	-15.33	43.65	15.02	Peak	120	139

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

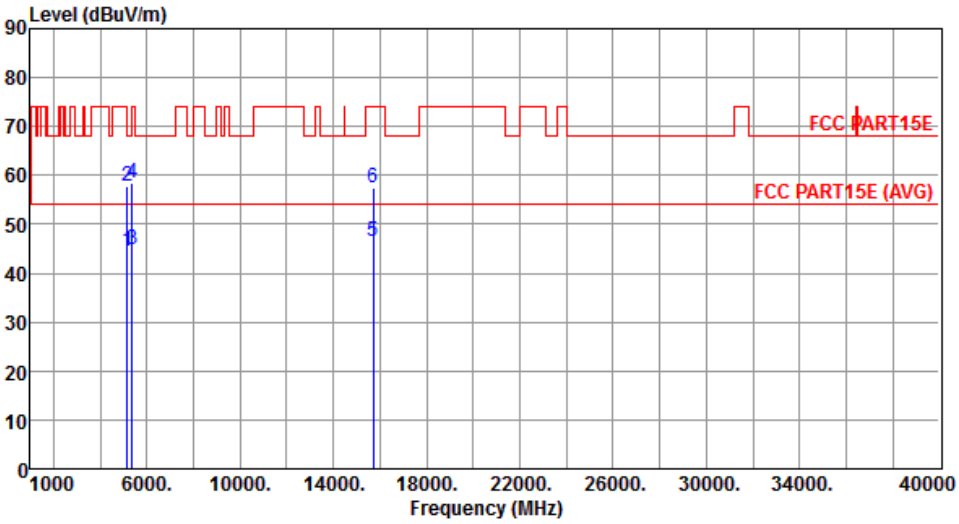
Modulation	VHT20	Test Freq. (MHz)	5240
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	45.15	54.00	-8.85	40.75	4.40	Average	218	152
2	5150.00	57.40	74.00	-16.60	53.00	4.40	Peak	218	152
3	5350.00	45.31	54.00	-8.69	40.67	4.64	Average	218	152
4	5350.00	57.68	74.00	-16.32	53.04	4.64	Peak	218	152
5	15720.00	46.22	54.00	-7.78	31.35	14.87	Average	245	66
6	15720.00	57.79	74.00	-16.21	42.92	14.87	Peak	245	66

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

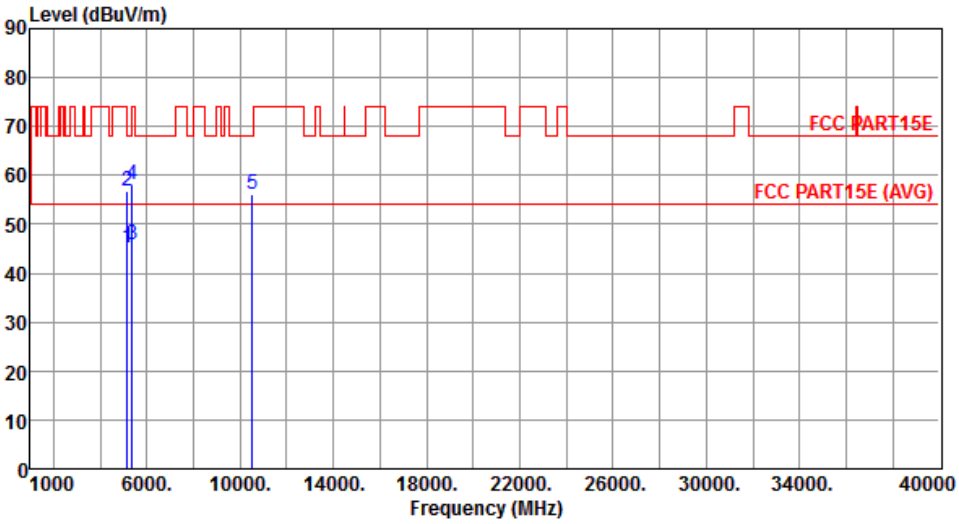
Modulation	VHT20	Test Freq. (MHz)	5240
Polarization	Vertical	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	44.66	54.00	-9.34	40.26	4.40	Average	226	138
2	5150.00	57.66	74.00	-16.34	53.26	4.40	Peak	226	138
3	5350.00	44.82	54.00	-9.18	40.18	4.64	Average	226	138
4	5350.00	58.31	74.00	-15.69	53.67	4.64	Peak	226	138
5	15720.00	46.52	54.00	-7.48	31.65	14.87	Average	270	129
6	15720.00	57.52	74.00	-16.48	42.65	14.87	Peak	270	129

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

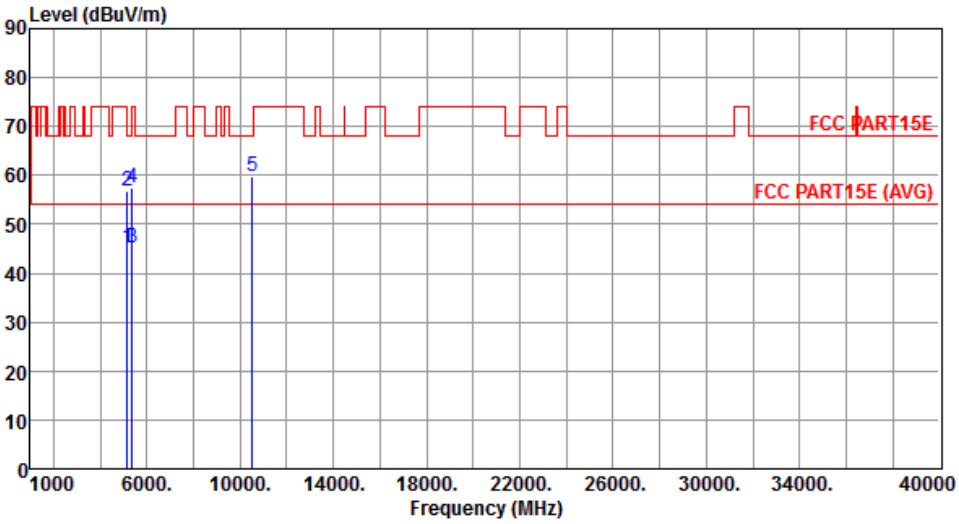
Modulation	VHT20	Test Freq. (MHz)	5260
Polarization	Horizontal	Test Configuration	2



	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	45.00	54.00	-9.00	40.60	4.40	Average	220	153
2	5150.00	56.66	74.00	-17.34	52.26	4.40	Peak	220	153
3	5350.00	45.72	54.00	-8.28	41.08	4.64	Average	220	153
4	5350.00	57.95	74.00	-16.05	53.31	4.64	Peak	220	153
5	10520.00	56.26	68.20	-11.94	41.76	14.50	Peak	207	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).

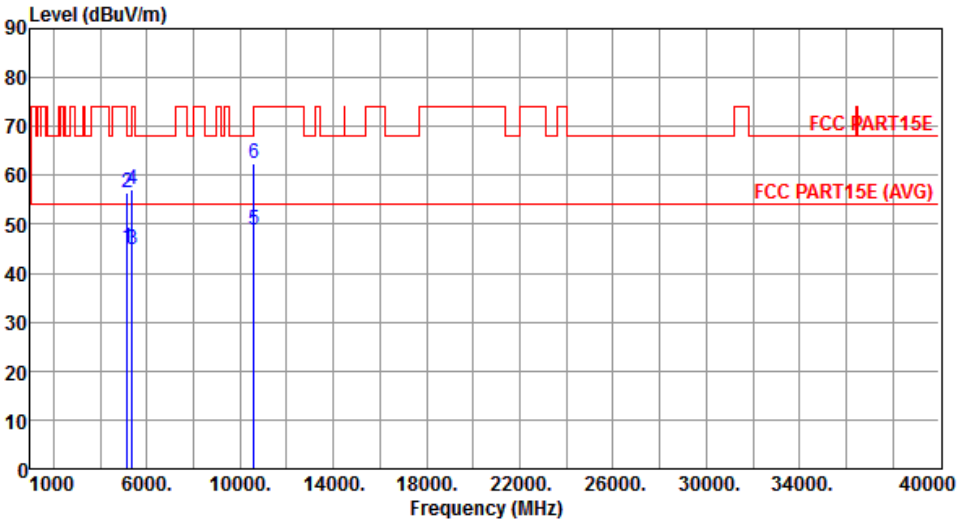
Modulation	VHT20	Test Freq. (MHz)	5260
Polarization	Vertical	Test Configuration	2



	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	45.29	54.00	-8.71	40.89	4.40	Average	248	209
2	5150.00	56.64	74.00	-17.36	52.24	4.40	Peak	248	209
3	5350.00	45.22	54.00	-8.78	40.58	4.64	Average	248	209
4	5350.00	57.53	74.00	-16.47	52.89	4.64	Peak	248	209
5	10520.00	59.86	68.20	-8.34	45.36	14.50	Peak	267	56

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

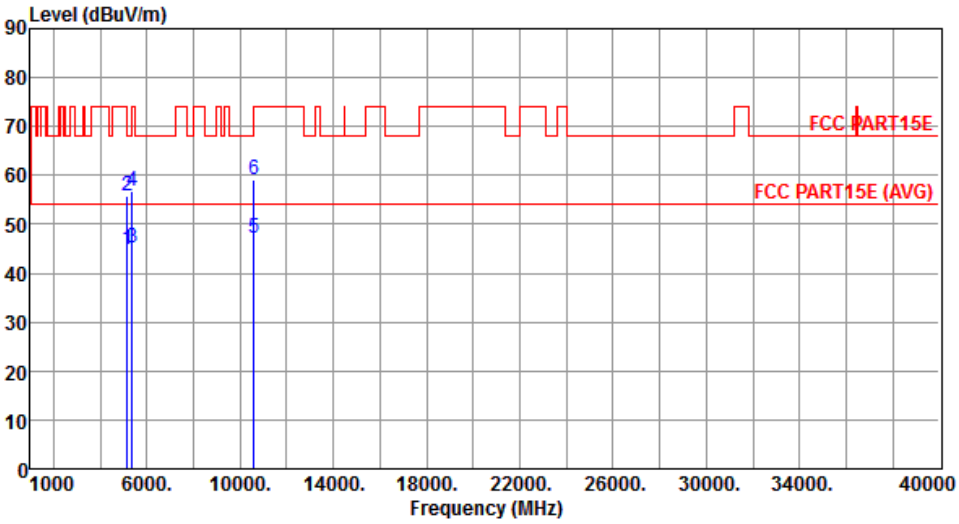
Modulation	VHT20	Test Freq. (MHz)	5300
Polarization	Horizontal	Test Configuration	2



	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	45.20	54.00	-8.80	40.80	4.40	Average	203	152
2	5150.00	56.60	74.00	-17.40	52.20	4.40	Peak	203	152
3	5350.00	44.97	54.00	-9.03	40.33	4.64	Average	203	152
4	5350.00	57.05	74.00	-16.95	52.41	4.64	Peak	203	152
5	10600.00	48.88	54.00	-5.12	34.29	14.59	Average	100	340
6	10600.00	62.32	74.00	-11.68	47.73	14.59	Peak	100	340

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

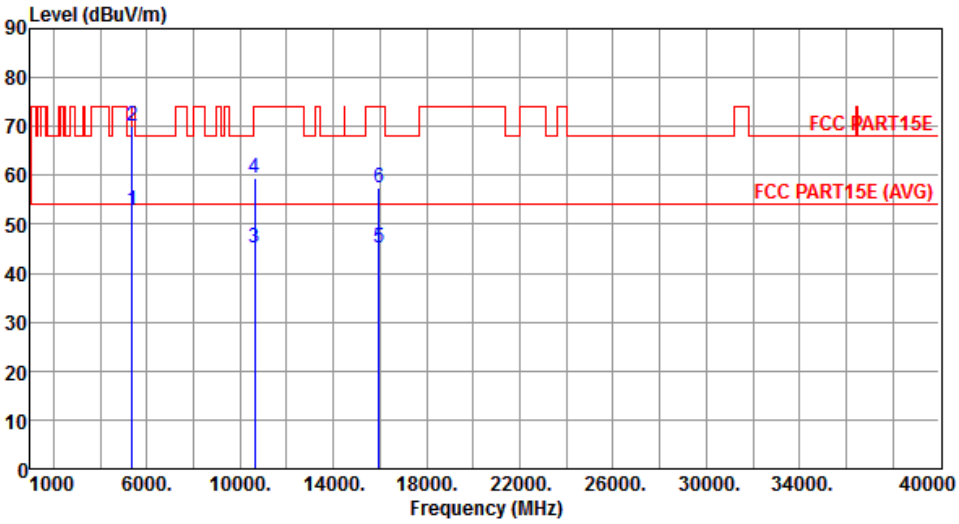
Modulation	VHT20	Test Freq. (MHz)	5300
Polarization	Vertical	Test Configuration	2



	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	44.90	54.00	-9.10	40.50	4.40	Average	256	186
2	5150.00	55.66	74.00	-18.34	51.26	4.40	Peak	256	186
3	5350.00	45.18	54.00	-8.82	40.54	4.64	Average	256	186
4	5350.00	56.92	74.00	-17.08	52.28	4.64	Peak	256	186
5	10600.00	47.31	54.00	-6.69	32.72	14.59	Average	140	67
6	10600.00	59.26	74.00	-14.74	44.67	14.59	Peak	140	67

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

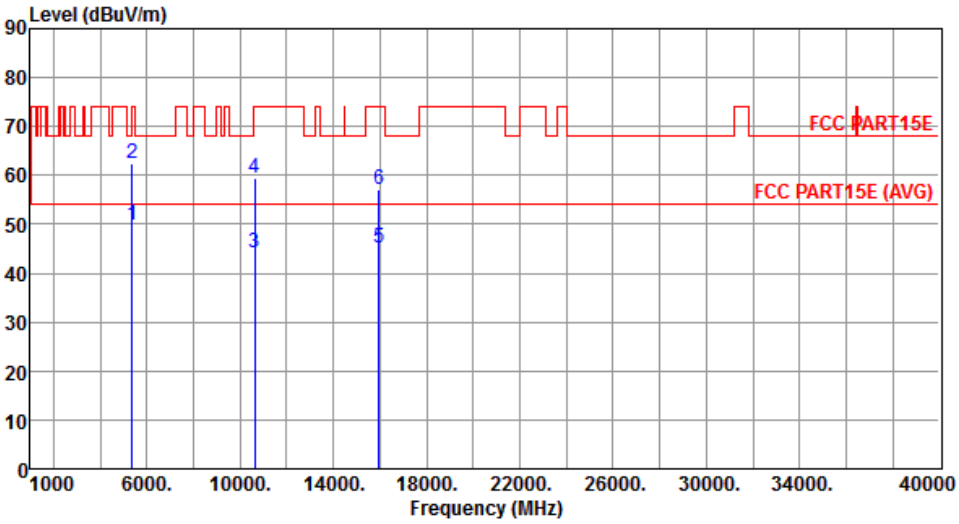
Modulation	VHT20	Test Freq. (MHz)	5320
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	52.93	54.00	-1.07	48.29	4.64	Average	227	150
2	5350.00	70.06	74.00	-3.94	65.42	4.64	Peak	227	150
3	10640.00	45.32	54.00	-8.68	30.68	14.64	Average	100	341
4	10640.00	59.31	74.00	-14.69	44.67	14.64	Peak	100	341
5	15960.00	45.17	54.00	-8.83	30.62	14.55	Average	172	68
6	15960.00	57.37	74.00	-16.63	42.82	14.55	Peak	172	68

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

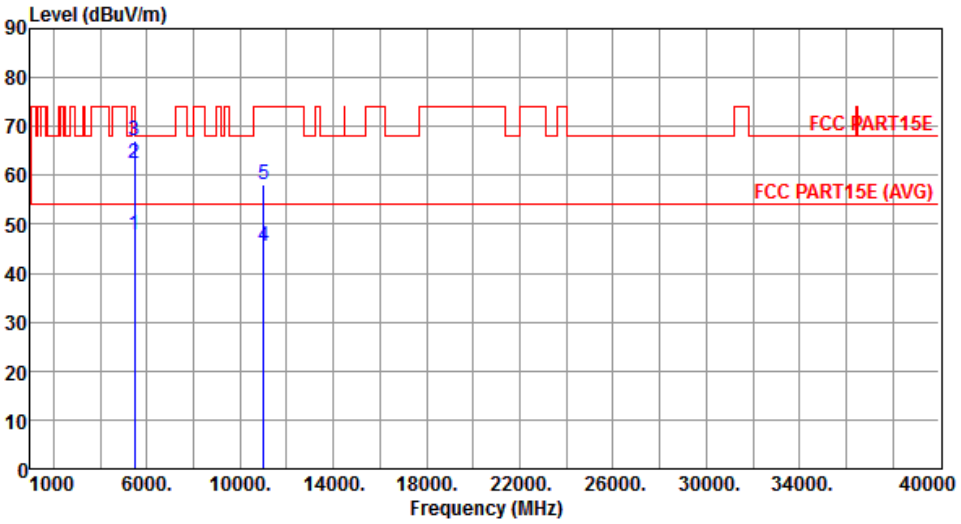
Modulation	VHT20	Test Freq. (MHz)	5320
Polarization	Vertical	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	49.91	54.00	-4.09	45.27	4.64	Average	269	186
2	5350.00	62.48	74.00	-11.52	57.84	4.64	Peak	269	186
3	10640.00	44.32	54.00	-9.68	29.68	14.64	Average	267	267
4	10640.00	59.32	74.00	-14.68	44.68	14.64	Peak	267	267
5	15960.00	45.06	54.00	-8.94	30.51	14.55	Average	271	296
6	15960.00	57.10	74.00	-16.90	42.55	14.55	Peak	271	296

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

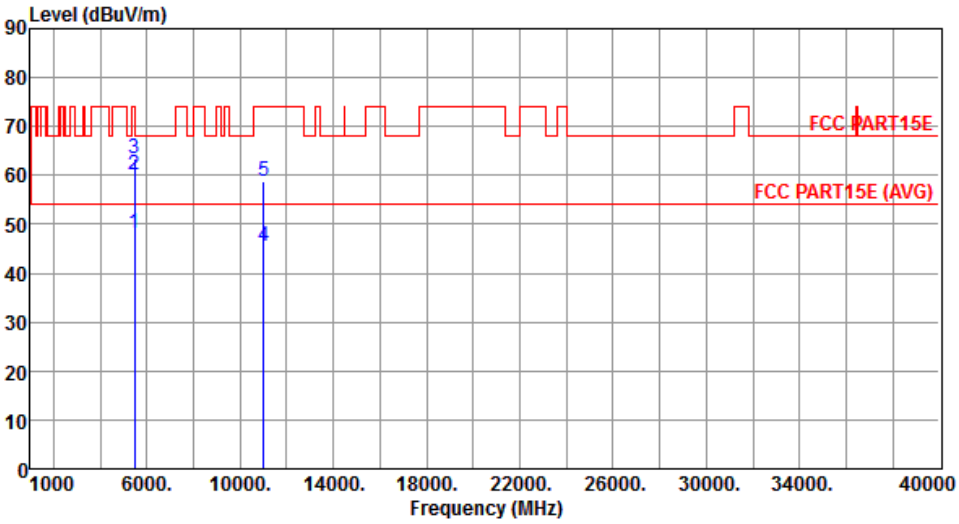
Modulation	VHT20	**Test Freq. (MHz)**	5500
Polarization	Horizontal	**Test Configuration**	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	47.95	54.00	-6.05	43.17	4.78	Average	218	135
2	5460.00	62.35	74.00	-11.65	57.57	4.78	Peak	218	135
3	5470.00	67.17	68.20	-1.03	62.38	4.79	Peak	218	135
4	11000.00	45.35	54.00	-8.65	30.29	15.06	Average	153	267
5	11000.00	58.08	74.00	-15.92	43.02	15.06	Peak	153	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).

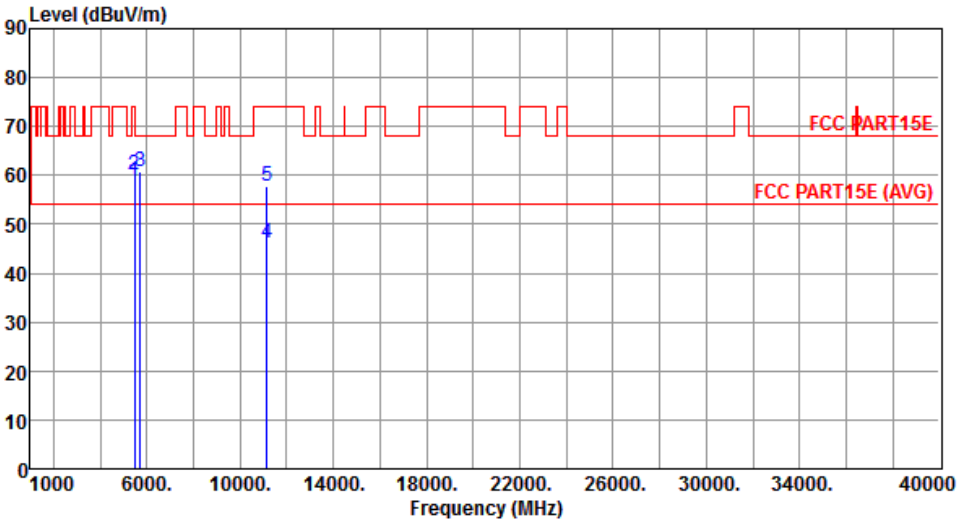
Modulation	VHT20	Test Freq. (MHz)	5500
Polarization	Vertical	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	48.11	54.00	-5.89	43.33	4.78	Average	279	138
2	5460.00	60.14	74.00	-13.86	55.36	4.78	Peak	279	138
3	5470.00	63.50	68.20	-4.70	58.71	4.79	Peak	279	138
4	11000.00	45.62	54.00	-8.38	30.56	15.06	Average	274	174
5	11000.00	58.82	74.00	-15.18	43.76	15.06	Peak	274	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).

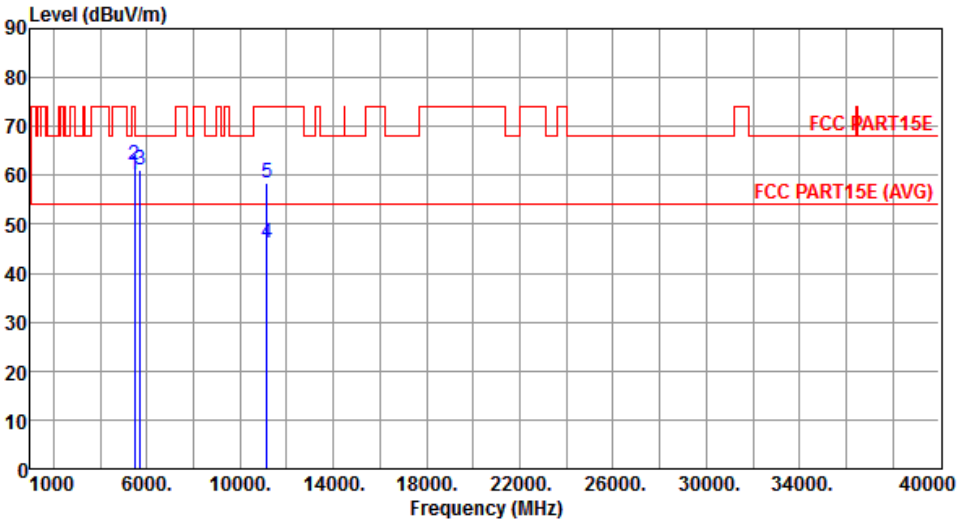
Modulation	VHT20	Test Freq. (MHz)	5580
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	58.86	74.00	-15.14	54.08	4.78	Peak	215	139
2	5470.00	60.06	68.20	-8.14	55.27	4.79	Peak	215	139
3	5725.00	60.84	68.20	-7.36	55.75	5.09	Peak	215	139
4	11160.00	46.08	54.00	-7.92	30.87	15.21	Average	271	157
5	11160.00	57.78	74.00	-16.22	42.57	15.21	Peak	271	157

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

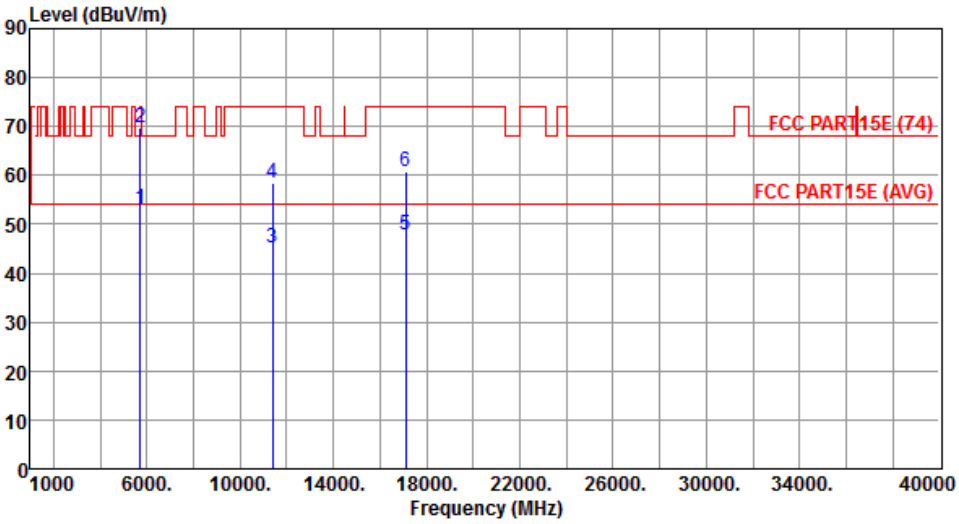
Modulation	VHT20	Test Freq. (MHz)	5580
Polarization	Vertical	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	59.99	74.00	-14.01	55.21	4.78	Peak	242	136
2	5470.00	62.02	68.20	-6.18	57.23	4.79	Peak	242	136
3	5725.00	61.10	68.20	-7.10	56.01	5.09	Peak	242	136
4	11160.00	46.14	54.00	-7.86	30.93	15.21	Average	217	171
5	11160.00	58.52	74.00	-15.48	43.31	15.21	Peak	217	171

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

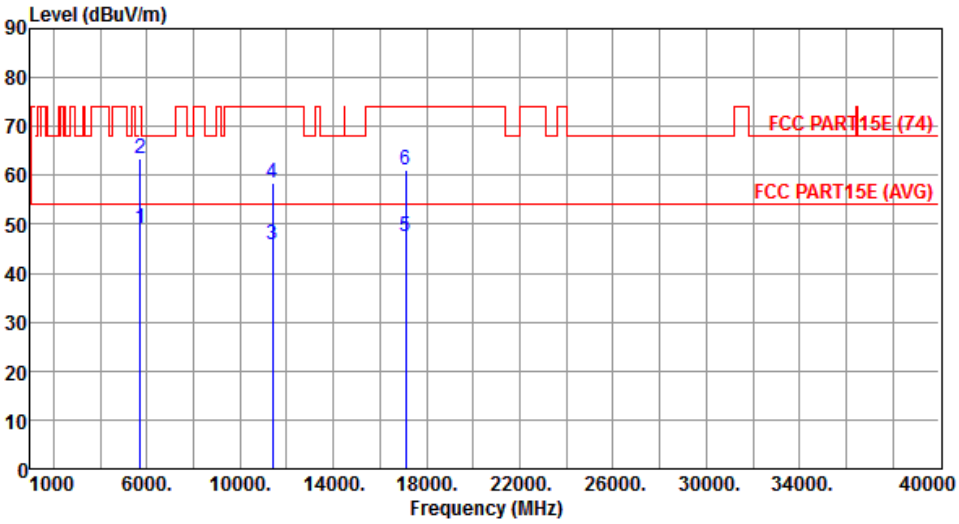
Modulation	VHT20	Test Freq. (MHz)	5700
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5725.00	52.98	54.00	-1.02	47.89	5.09	Average	215	148
2	5725.00	69.79	74.00	-4.21	64.70	5.09	Peak	215	148
3	11400.00	45.24	54.00	-8.76	29.80	15.44	Average	274	199
4	11400.00	58.29	74.00	-15.71	42.85	15.44	Peak	274	199
5	17100.00	47.91	54.00	-6.09	29.41	18.50	Average	100	274
6	17100.00	60.72	74.00	-13.28	42.22	18.50	Peak	100	274

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

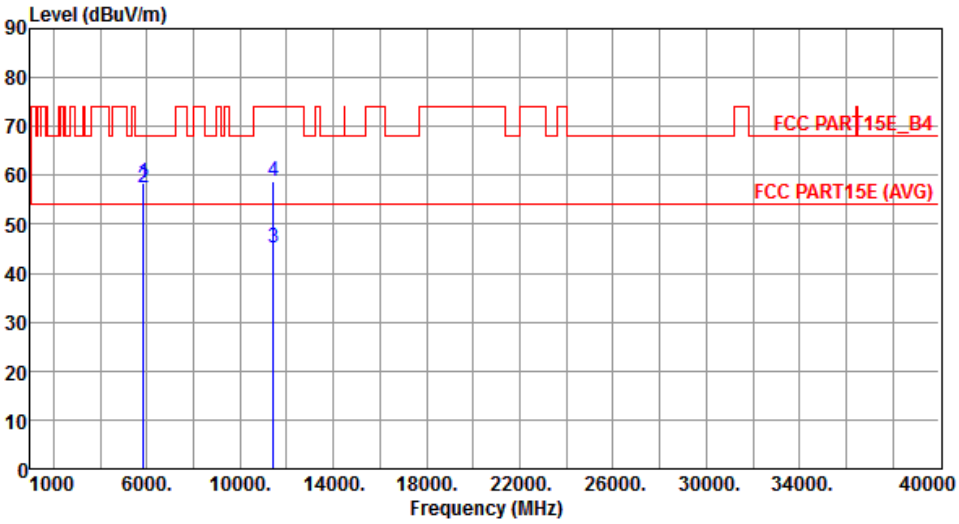
Modulation	VHT20	Test Freq. (MHz)	5700
Polarization	Vertical	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5725.00	49.07	54.00	-4.93	43.98	5.09	Average	212	138
2	5725.00	63.50	74.00	-10.50	58.41	5.09	Peak	212	138
3	11400.00	45.78	54.00	-8.22	30.34	15.44	Average	305	18
4	11400.00	58.49	74.00	-15.51	43.05	15.44	Peak	305	18
5	17100.00	47.48	54.00	-6.52	28.98	18.50	Average	171	127
6	17100.00	61.18	74.00	-12.82	42.68	18.50	Peak	171	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).

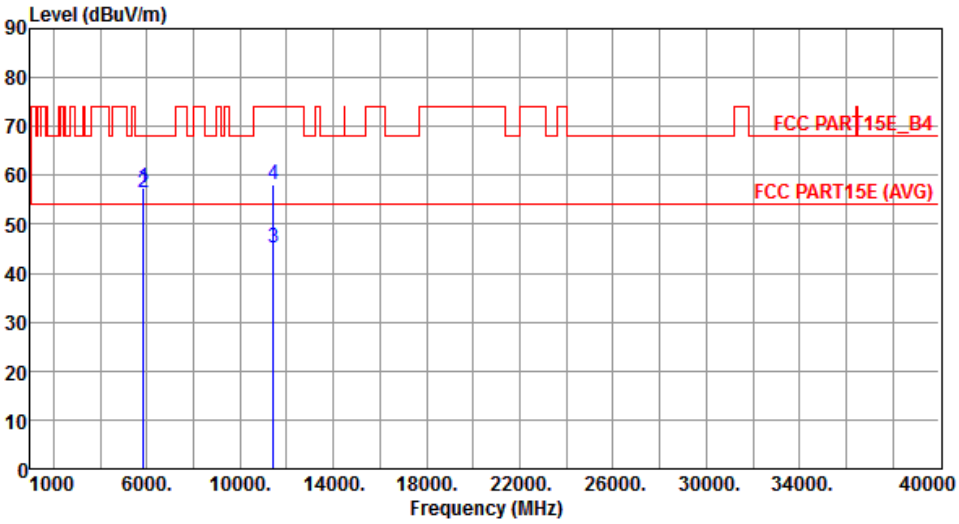
Modulation	VHT20	Test Freq. (MHz)	5720
Polarization	Horizontal	Test Configuration	2



	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	58.53	78.20	-19.67	53.27	5.26	Peak	215	75
2	5860.00	57.58	68.20	-10.62	52.31	5.27	Peak	215	75
3	11440.00	45.20	54.00	-8.80	29.71	15.49	Average	290	174
4	11440.00	58.86	74.00	-15.14	43.37	15.49	Peak	290	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).

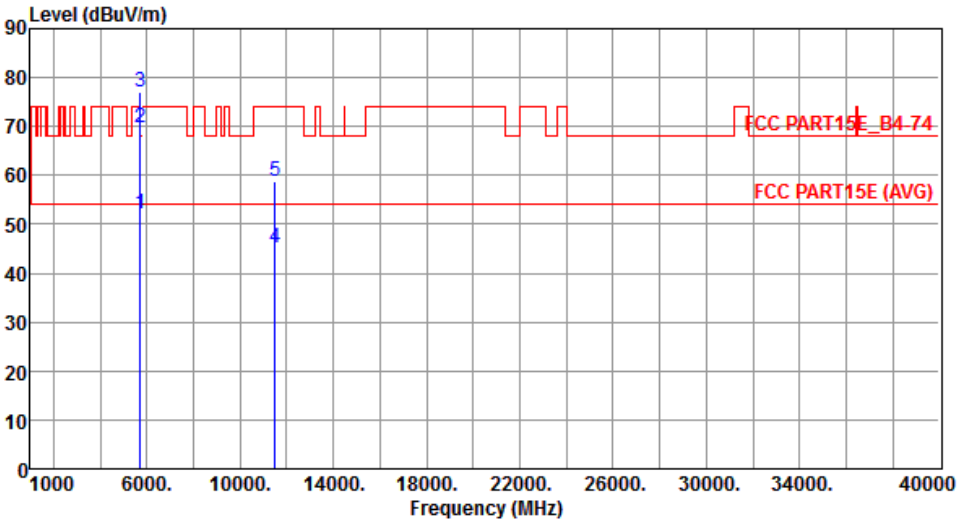
Modulation	VHT20	Test Freq. (MHz)	5720
Polarization	Vertical	Test Configuration	2



	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	57.53	78.20	-20.67	52.27	5.26	Peak	218	33
2	5860.00	56.50	68.20	-11.70	51.23	5.27	Peak	218	33
3	11440.00	45.08	54.00	-8.92	29.59	15.49	Average	271	292
4	11440.00	58.17	74.00	-15.83	42.68	15.49	Peak	271	292

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

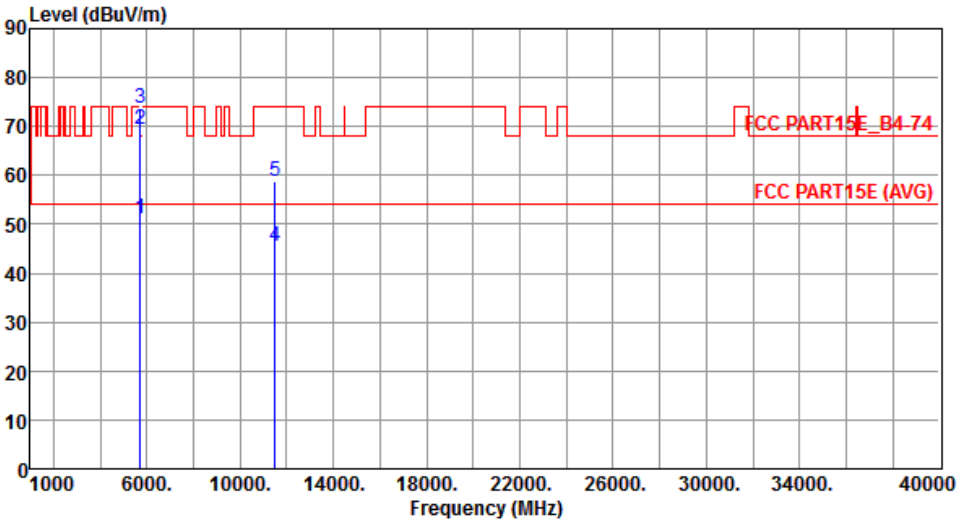
Modulation	VHT20	Test Freq. (MHz)	5745
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	52.07	54.00	-1.93	46.97	5.10	Average	220	138
2	5715.00	69.85	74.00	-4.15	64.75	5.10	Peak	220	138
3	5725.00	77.07	78.20	-1.13	71.98	5.09	Peak	220	138
4	11490.00	45.31	54.00	-8.69	29.78	15.53	Average	272	185
5	11490.00	58.90	74.00	-15.10	43.37	15.53	Peak	272	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).

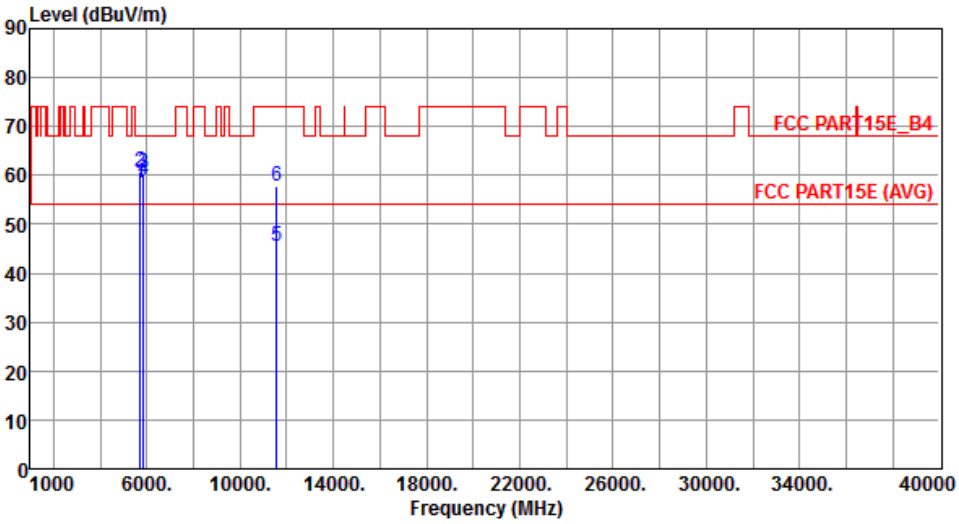
Modulation	VHT20	Test Freq. (MHz)	5745
Polarization	Vertical	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	51.10	54.00	-2.90	46.00	5.10	Average	202	140
2	5715.00	69.47	74.00	-4.53	64.37	5.10	Peak	202	140
3	5725.00	73.82	78.20	-4.38	68.73	5.09	Peak	202	140
4	11490.00	45.35	54.00	-8.65	29.82	15.53	Average	260	152
5	11490.00	58.81	74.00	-15.19	43.28	15.53	Peak	260	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).

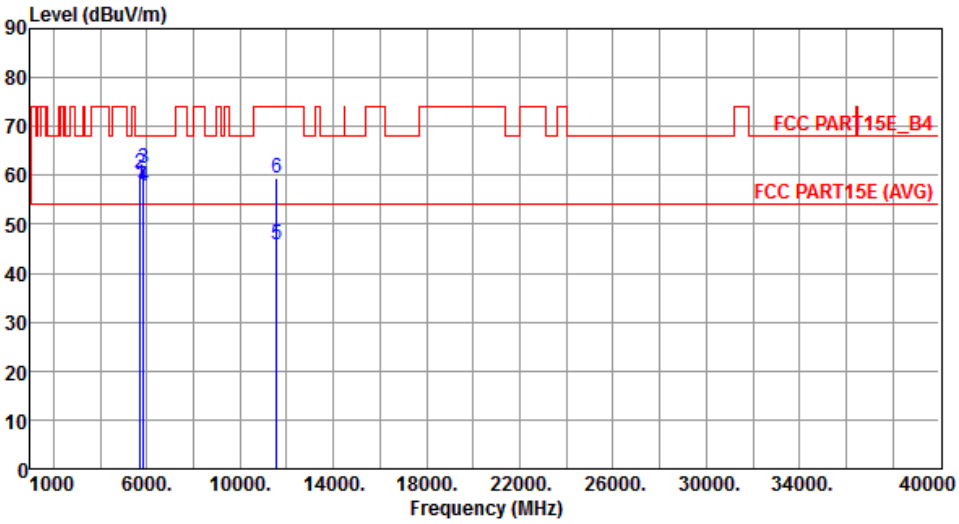
Modulation	VHT20	Test Freq. (MHz)	5785
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	58.47	68.20	-9.73	53.37	5.10	Peak	217	140
2	5725.00	60.83	78.20	-17.37	55.74	5.09	Peak	217	140
3	5850.00	60.56	78.20	-17.64	55.30	5.26	Peak	217	140
4	5860.00	59.20	68.20	-9.00	53.93	5.27	Peak	217	140
5	11570.00	45.49	54.00	-8.51	30.16	15.33	Average	239	347
6	11570.00	57.91	74.00	-16.09	42.58	15.33	Peak	239	347

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

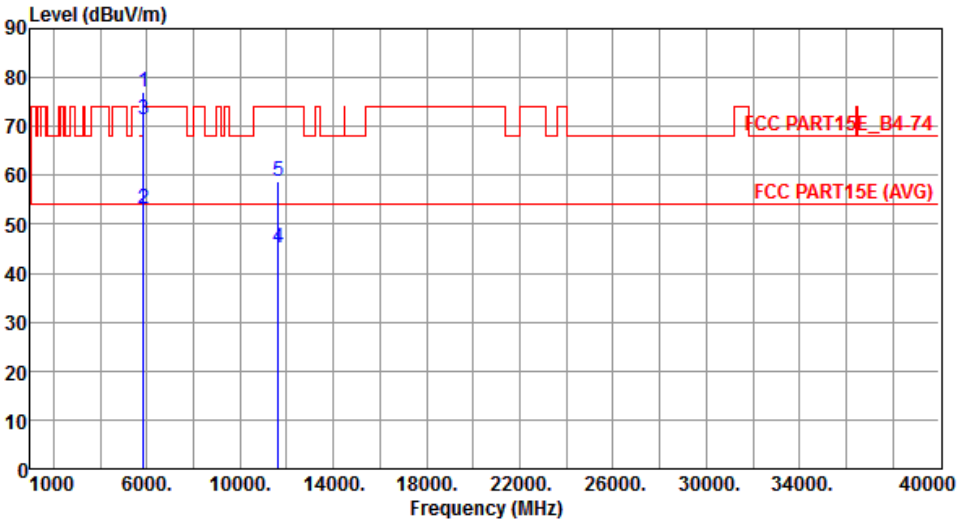
Modulation	VHT20	Test Freq. (MHz)	5785
Polarization	Vertical	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	58.07	68.20	-10.13	52.97	5.10	Peak	200	133
2	5725.00	60.53	78.20	-17.67	55.44	5.09	Peak	200	133
3	5850.00	61.46	78.20	-16.74	56.20	5.26	Peak	200	133
4	5860.00	57.80	68.20	-10.40	52.53	5.27	Peak	200	133
5	11570.00	45.73	54.00	-8.27	30.40	15.33	Average	256	300
6	11570.00	59.49	74.00	-14.51	44.16	15.33	Peak	256	300

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

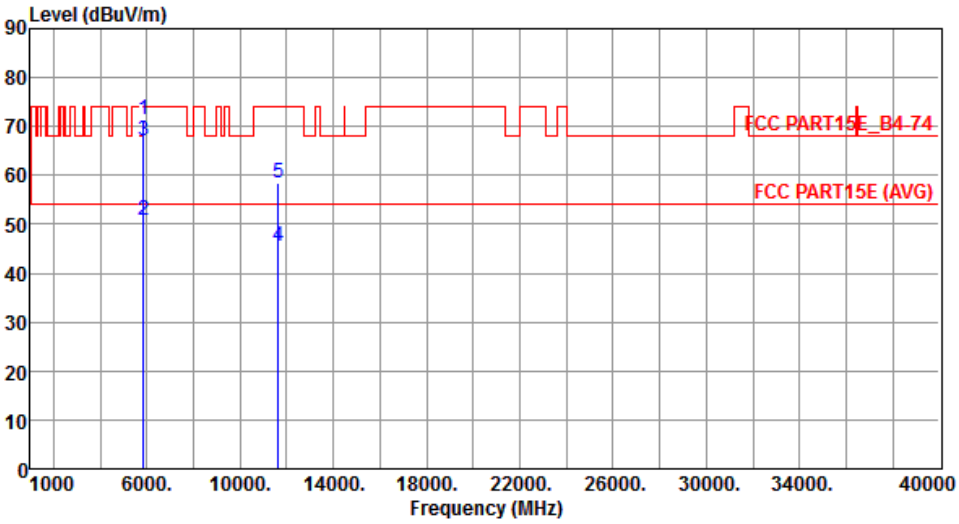
Modulation	VHT20	Test Freq. (MHz)	5825
Polarization	Horizontal	Test Configuration	2



	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	76.97	78.20	-1.23	71.71	5.26	Peak	209	153
2	5860.00	52.99	54.00	-1.01	47.72	5.27	Average	209	153
3	5860.00	71.41	74.00	-2.59	66.14	5.27	Peak	209	153
4	11650.00	45.10	54.00	-8.90	30.01	15.09	Average	209	174
5	11650.00	58.64	74.00	-15.36	43.55	15.09	Peak	209	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)	5825
Polarization	Vertical	Test Configuration	2

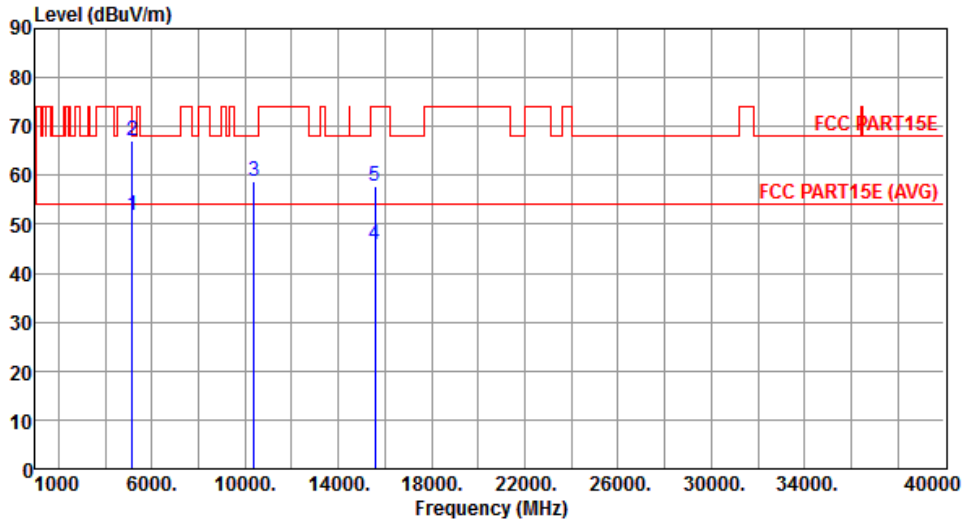


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5850.00	71.57	78.20	-6.63	66.31	5.26	Peak	214	140
2	5860.00	50.77	54.00	-3.23	45.50	5.27	Average	214	140
3	5860.00	67.11	74.00	-6.89	61.84	5.27	Peak	214	140
4	11650.00	45.52	54.00	-8.48	30.43	15.09	Average	314	111
5	11650.00	58.33	74.00	-15.67	43.24	15.09	Peak	314	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).

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

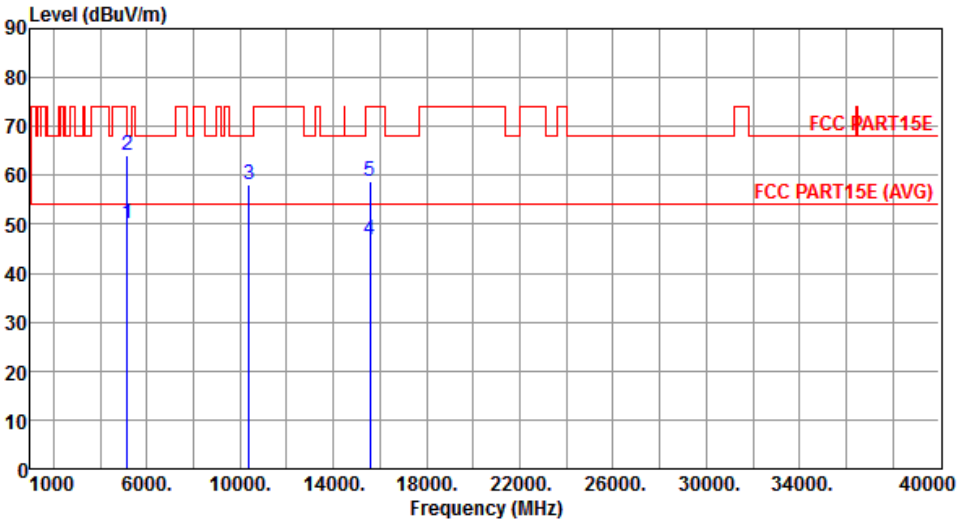
Modulation	VHT40	Test Freq. (MHz)	5190
Polarization	Horizontal	Test Configuration	2



	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	51.66	54.00	-2.34	47.26	4.40	Average	220	152
2	5150.00	67.12	74.00	-6.88	62.72	4.40	Peak	220	152
3	10380.00	58.73	68.20	-9.47	44.48	14.25	Peak	300	296
4	15570.00	45.79	54.00	-8.21	30.73	15.06	Average	192	267
5	15570.00	57.79	74.00	-16.21	42.73	15.06	Peak	192	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).

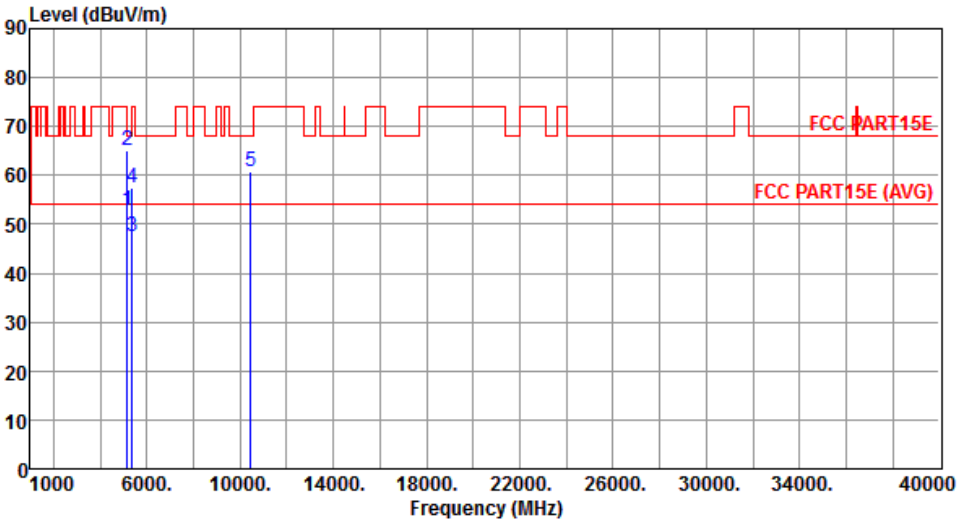
Modulation	VHT40	Test Freq. (MHz)	5190
Polarization	Vertical	Test Configuration	2



	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	50.20	54.00	-3.80	45.80	4.40	Average	195	145
2	5150.00	64.07	74.00	-9.93	59.67	4.40	Peak	195	145
3	10380.00	58.01	68.20	-10.19	43.76	14.25	Peak	225	271
4	15570.00	46.79	54.00	-7.21	31.73	15.06	Average	350	291
5	15570.00	58.79	74.00	-15.21	43.73	15.06	Peak	350	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).

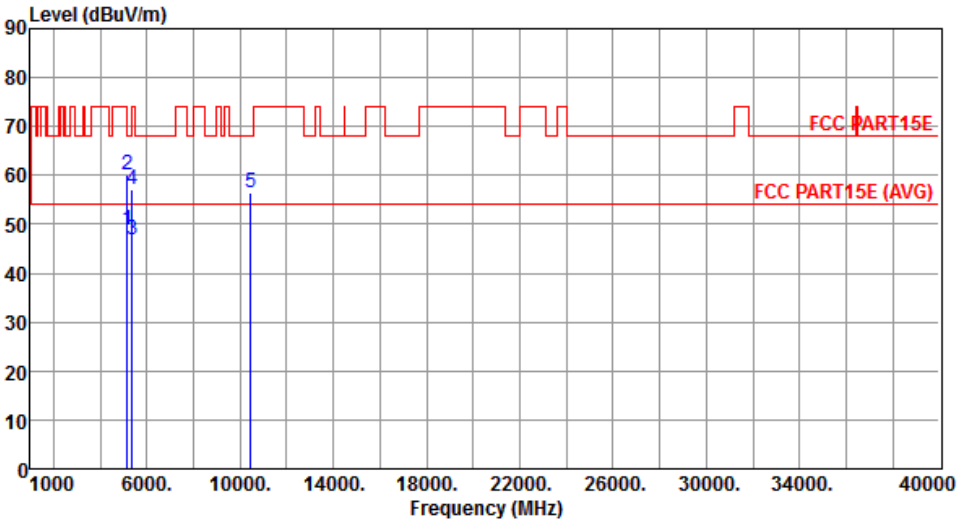
Modulation	VHT40	Test Freq. (MHz)	5230
Polarization	Horizontal	Test Configuration	2



	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	52.68	54.00	-1.32	48.28	4.40	Average	217	150
2	5150.00	65.11	74.00	-8.89	60.71	4.40	Peak	217	150
3	5350.00	47.44	54.00	-6.56	42.80	4.64	Average	217	150
4	5350.00	57.45	74.00	-16.55	52.81	4.64	Peak	217	150
5	10460.00	60.70	68.20	-7.50	46.30	14.40	Peak	180	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).

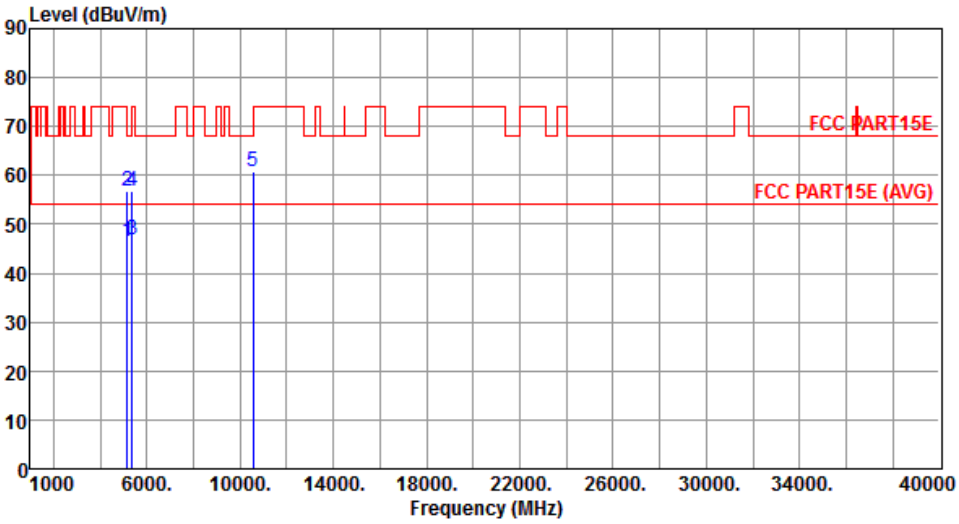
Modulation	VHT40	Test Freq. (MHz)	5230
Polarization	Vertical	Test Configuration	2



	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	48.65	54.00	-5.35	44.25	4.40	Average	265	189
2	5150.00	60.10	74.00	-13.90	55.70	4.40	Peak	265	189
3	5350.00	46.68	54.00	-7.32	42.04	4.64	Average	265	189
4	5350.00	56.98	74.00	-17.02	52.34	4.64	Peak	265	189
5	10460.00	56.60	68.20	-11.60	42.20	14.40	Peak	150	138

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

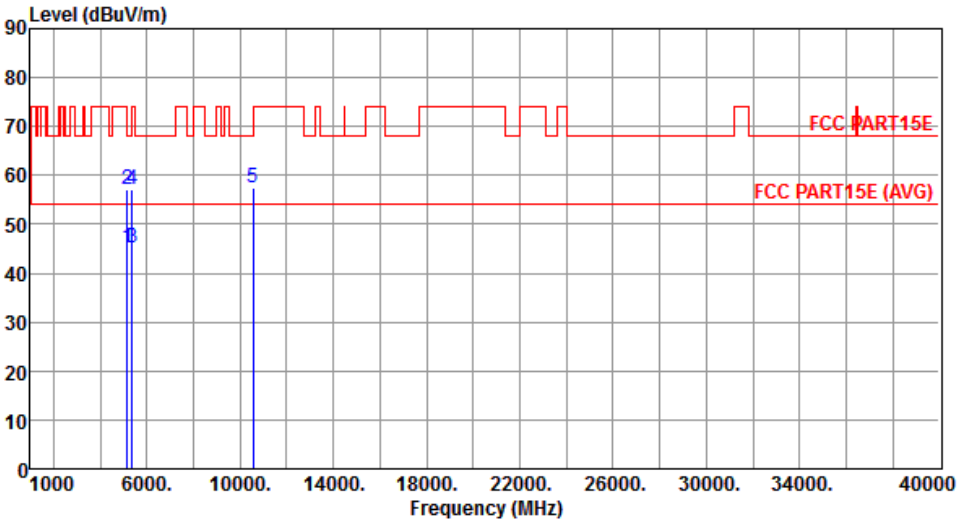
Modulation	VHT40	Test Freq. (MHz)	5270
Polarization	Horizontal	Test Configuration	2



	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	46.60	54.00	-7.40	42.20	4.40	Average	220	151
2	5150.00	56.83	74.00	-17.17	52.43	4.40	Peak	220	151
3	5350.00	46.98	54.00	-7.02	42.34	4.64	Average	220	151
4	5350.00	56.95	74.00	-17.05	52.31	4.64	Peak	220	151
5	10540.00	60.93	68.20	-7.27	46.41	14.52	Peak	167	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).

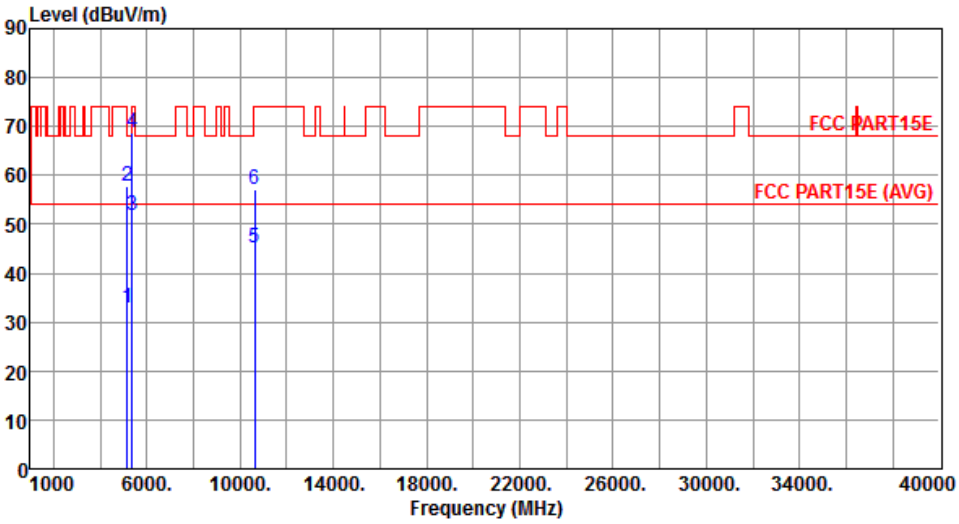
Modulation	VHT40	Test Freq. (MHz)	5270
Polarization	Vertical	Test Configuration	2



	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	45.10	54.00	-8.90	40.70	4.40	Average	254	85
2	5150.00	57.28	74.00	-16.72	52.88	4.40	Peak	254	85
3	5350.00	45.28	54.00	-8.72	40.64	4.64	Average	254	85
4	5350.00	56.98	74.00	-17.02	52.34	4.64	Peak	254	85
5	10540.00	57.30	68.20	-10.90	42.78	14.52	Peak	291	13

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

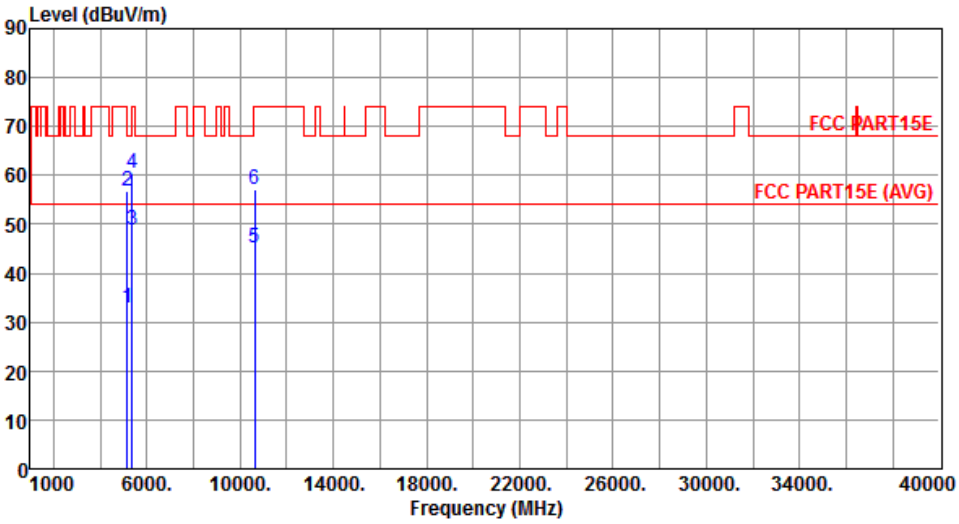
Modulation	VHT40	Test Freq. (MHz)	5310
Polarization	Horizontal	Test Configuration	2



	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	32.93	54.00	-21.07	28.53	4.40	Average	209	150
2	5150.00	57.64	74.00	-16.36	53.24	4.40	Peak	209	150
3	5350.00	51.68	54.00	-2.32	47.04	4.64	Average	209	150
4	5350.00	68.65	74.00	-5.35	64.01	4.64	Peak	209	150
5	10620.00	45.26	54.00	-8.74	30.65	14.61	Average	301	203
6	10620.00	57.23	74.00	-16.77	42.62	14.61	Peak	301	203

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

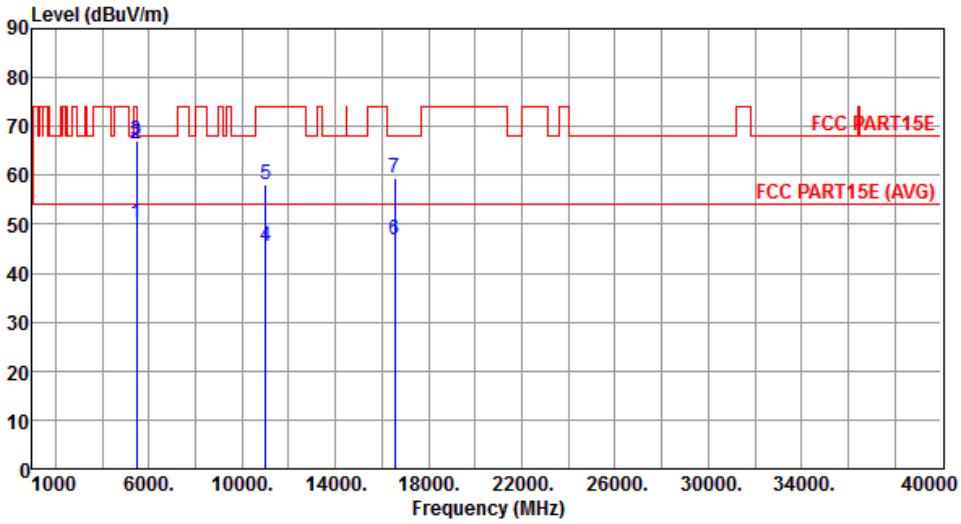
Modulation	VHT40	Test Freq. (MHz)	5310
Polarization	Vertical	Test Configuration	2



	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	32.85	54.00	-21.15	28.45	4.40	Average	210	139
2	5150.00	56.94	74.00	-17.06	52.54	4.40	Peak	210	139
3	5350.00	48.75	54.00	-5.25	44.11	4.64	Average	210	139
4	5350.00	60.43	74.00	-13.57	55.79	4.64	Peak	210	139
5	10620.00	45.32	54.00	-8.68	30.71	14.61	Average	237	309
6	10620.00	57.03	74.00	-16.97	42.42	14.61	Peak	237	309

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

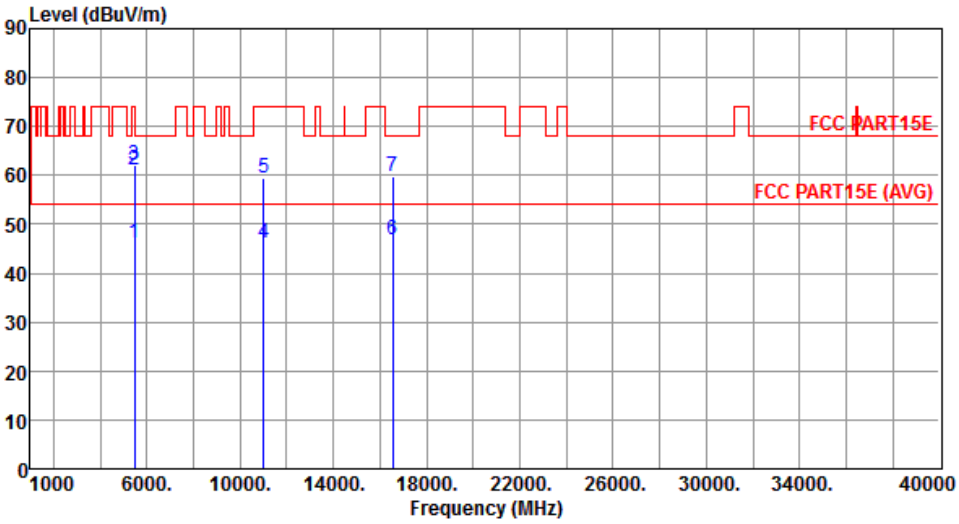
Modulation	VHT40	Test Freq. (MHz)	5510
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	50.01	54.00	-3.99	45.23	4.78	Average	215	137
2	5460.00	66.54	74.00	-7.46	61.76	4.78	Peak	215	137
3	5470.00	67.03	68.20	-1.17	62.24	4.79	Peak	215	137
4	11020.00	45.63	54.00	-8.37	30.55	15.08	Average	192	171
5	11020.00	58.05	74.00	-15.95	42.97	15.08	Peak	192	171
6	16530.00	46.89	54.00	-7.11	30.40	16.49	Average	206	42
7	16530.00	59.58	68.20	-8.62	43.09	16.49	Peak	206	42

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

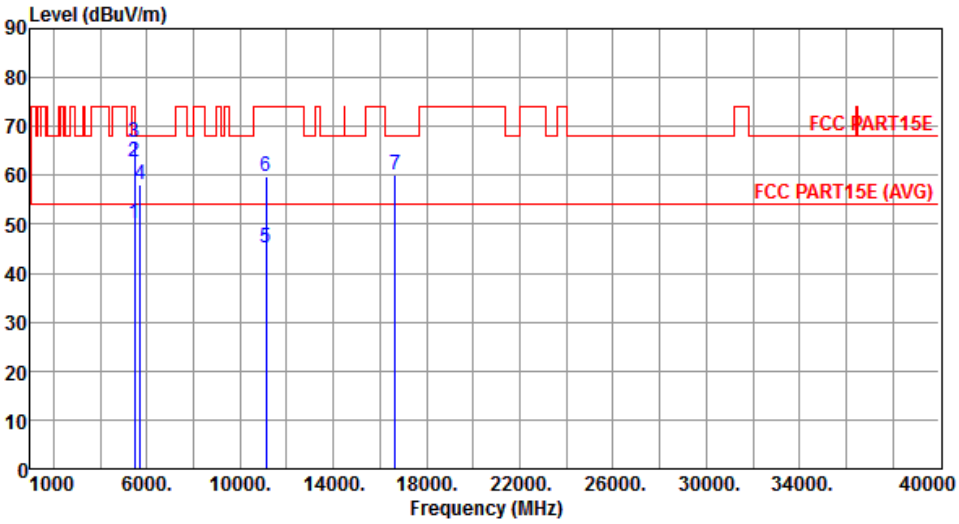
Modulation	VHT40	Test Freq. (MHz)	5510
Polarization	Vertical	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	46.15	54.00	-7.85	41.37	4.78	Average	276	140
2	5460.00	61.05	74.00	-12.95	56.27	4.78	Peak	276	140
3	5470.00	62.06	68.20	-6.14	57.27	4.79	Peak	276	140
4	11020.00	46.33	54.00	-7.67	31.25	15.08	Average	163	271
5	11020.00	59.40	74.00	-14.60	44.32	15.08	Peak	163	271
6	16530.00	46.84	54.00	-7.16	30.35	16.49	Average	314	188
7	16530.00	59.62	68.20	-8.58	43.13	16.49	Peak	314	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).

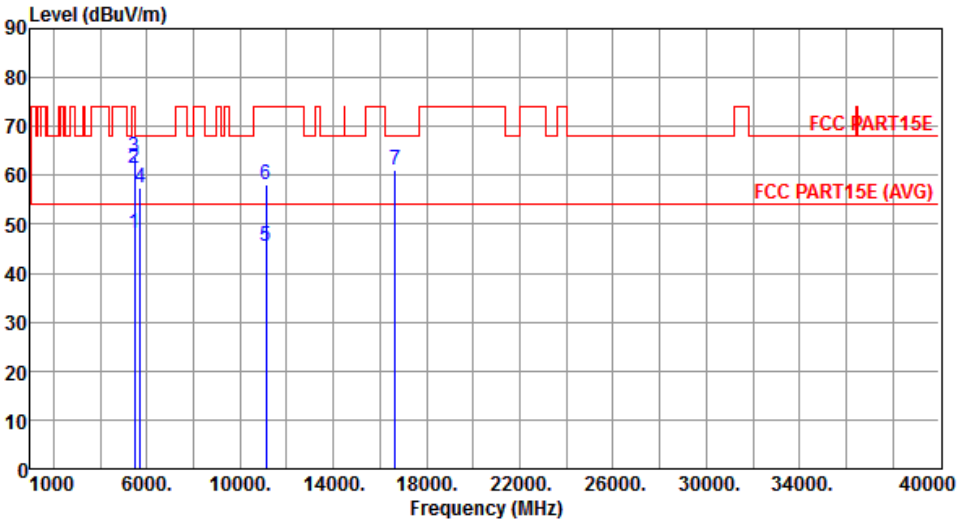
Modulation	VHT40	Test Freq. (MHz)	5550
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	50.01	54.00	-3.99	45.23	4.78	Average	210	140
2	5460.00	62.86	74.00	-11.14	58.08	4.78	Peak	210	140
3	5470.00	66.89	68.20	-1.31	62.10	4.79	Peak	210	140
4	5725.00	58.09	68.20	-10.11	53.00	5.09	Peak	210	140
5	11100.00	45.07	54.00	-8.93	29.91	15.16	Average	257	173
6	11100.00	59.74	74.00	-14.26	44.58	15.16	Peak	257	173
7	16650.00	60.18	68.20	-8.02	43.25	16.93	Peak	345	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).

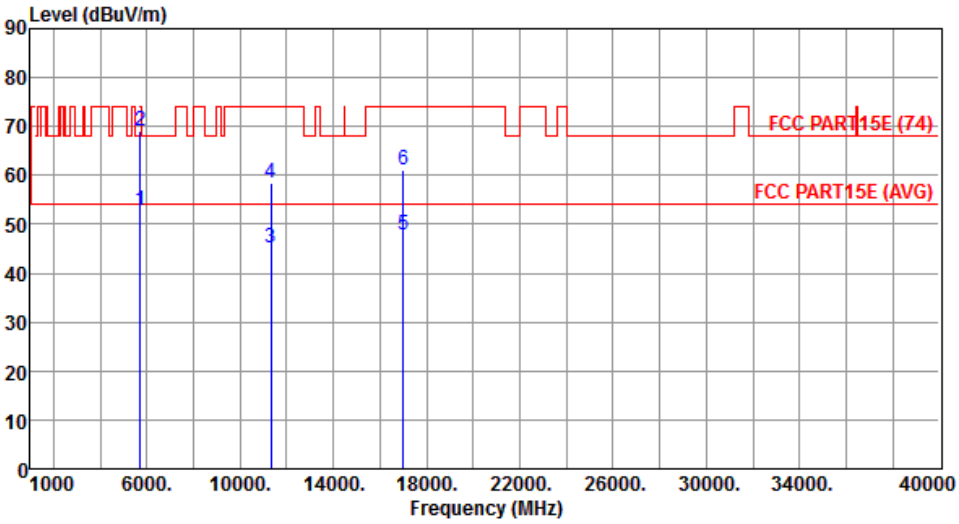
Modulation	VHT40	Test Freq. (MHz)	5550
Polarization	Vertical	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	48.03	54.00	-5.97	43.25	4.78	Average	261	138
2	5460.00	61.43	74.00	-12.57	56.65	4.78	Peak	261	138
3	5470.00	63.62	68.20	-4.58	58.83	4.79	Peak	261	138
4	5725.00	57.37	68.20	-10.83	52.28	5.09	Peak	261	138
5	11100.00	45.50	54.00	-8.50	30.34	15.16	Average	138	53
6	11100.00	58.23	74.00	-15.77	43.07	15.16	Peak	138	53
7	16650.00	61.19	68.20	-7.01	44.26	16.93	Peak	283	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).

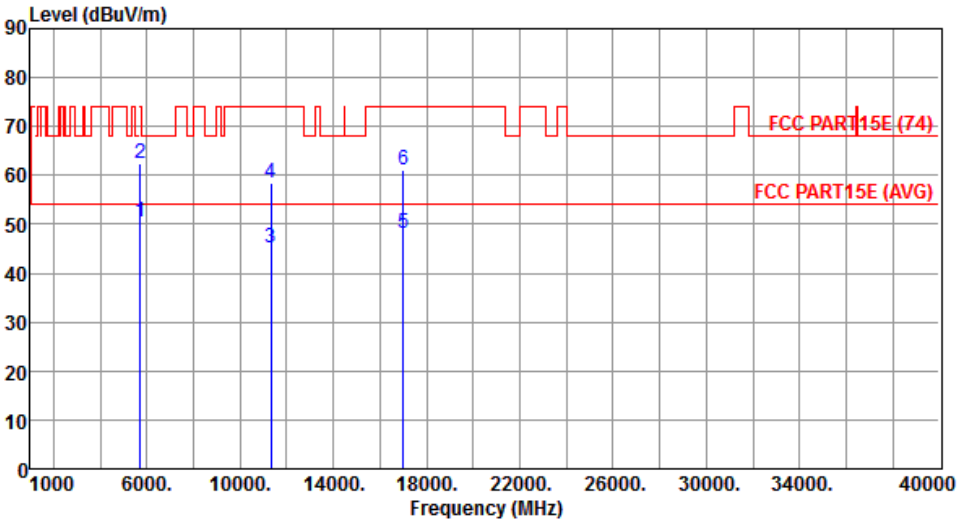
Modulation	VHT40	Test Freq. (MHz)	5670
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5725.00	52.88	54.00	-1.12	47.79	5.09	Average	216	134
2	5725.00	69.11	74.00	-4.89	64.02	5.09	Peak	216	134
3	11340.00	45.12	54.00	-8.88	29.73	15.39	Average	264	157
4	11340.00	58.56	74.00	-15.44	43.17	15.39	Peak	264	157
5	17010.00	47.77	54.00	-6.23	29.52	18.25	Average	288	39
6	17010.00	61.12	74.00	-12.88	42.87	18.25	Peak	288	39

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

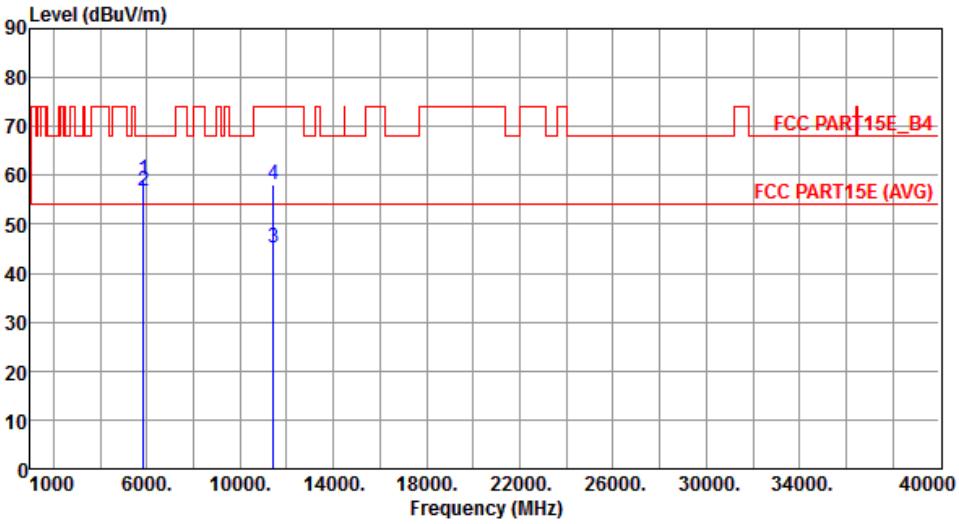
Modulation	VHT40	Test Freq. (MHz)	5670
Polarization	Vertical	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5725.00	50.53	54.00	-3.47	45.44	5.09	Average	228	135
2	5725.00	62.53	74.00	-11.47	57.44	5.09	Peak	228	135
3	11340.00	45.15	54.00	-8.85	29.76	15.39	Average	274	271
4	11340.00	58.46	74.00	-15.54	43.07	15.39	Peak	274	271
5	17010.00	48.05	54.00	-5.95	29.80	18.25	Average	103	147
6	17010.00	61.05	74.00	-12.95	42.80	18.25	Peak	103	147

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

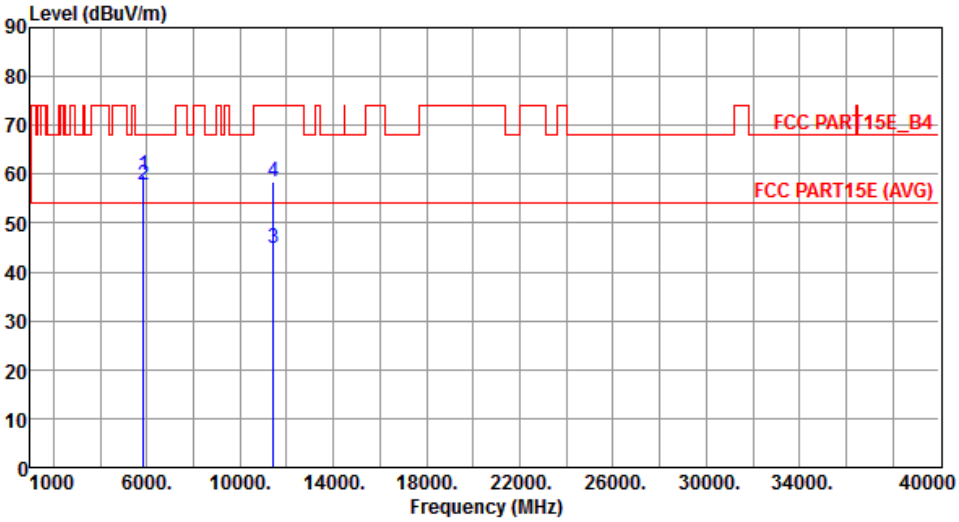
Modulation	VHT40	Test Freq. (MHz)	5710
Polarization	Horizontal	Test Configuration	2



	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	59.10	78.20	-19.10	53.84	5.26	Peak	218	74
2	5860.00	56.77	68.20	-11.43	51.50	5.27	Peak	218	74
3	11420.00	45.15	54.00	-8.85	29.69	15.46	Average	137	140
4	11420.00	58.16	74.00	-15.84	42.70	15.46	Peak	137	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).

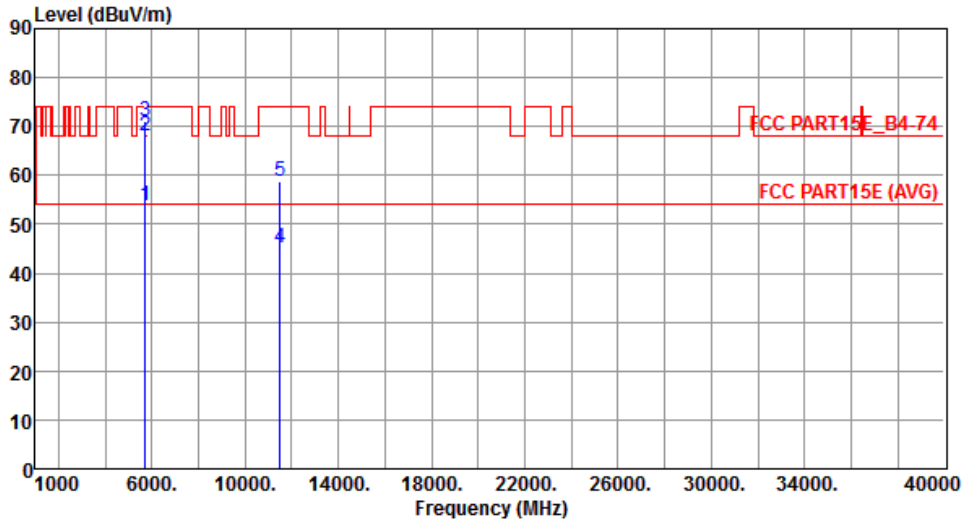
Modulation	VHT40	Test Freq. (MHz)	5710
Polarization	Vertical	Test Configuration	2



	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	59.69	78.20	-18.51	54.43	5.26	Peak	218	33
2	5860.00	57.79	68.20	-10.41	52.52	5.27	Peak	218	33
3	11420.00	44.97	54.00	-9.03	29.51	15.46	Average	326	135
4	11420.00	58.48	74.00	-15.52	43.02	15.46	Peak	326	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).

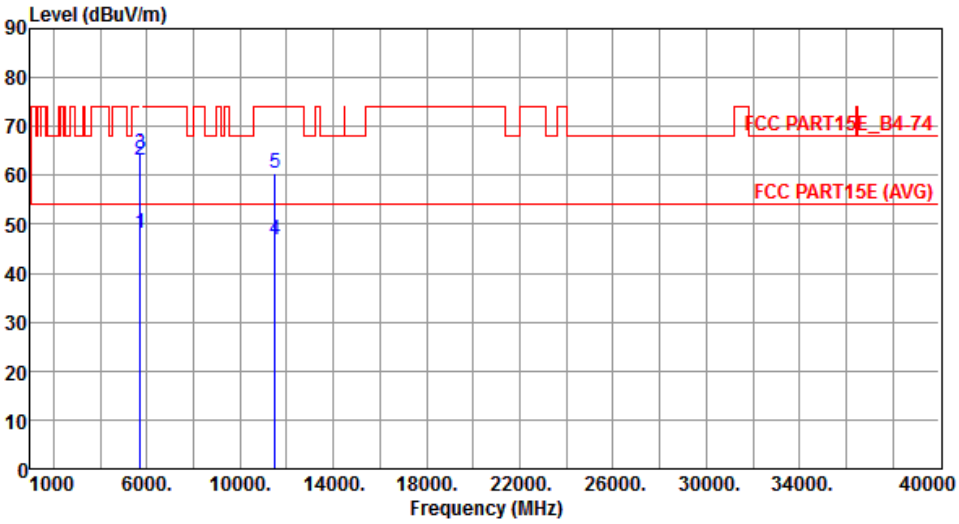
Modulation	VHT40	**Test Freq. (MHz)**	5755
Polarization	Horizontal	**Test Configuration**	2



	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	53.68	54.00	-0.32	48.58	5.10	Average	210	141
2	5715.00	68.01	74.00	-5.99	62.91	5.10	Peak	210	141
3	5725.00	71.14	78.20	-7.06	66.05	5.09	Peak	210	141
4	11510.00	45.16	54.00	-8.84	29.65	15.51	Average	330	147
5	11510.00	58.64	74.00	-15.36	43.13	15.51	Peak	330	147

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

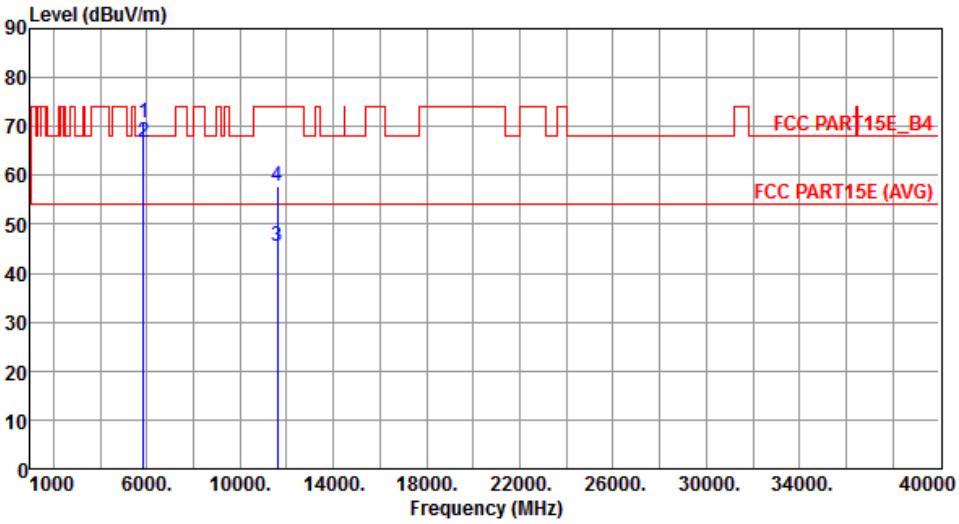
Modulation	VHT40	Test Freq. (MHz)	5755
Polarization	Vertical	Test Configuration	2



	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	48.11	54.00	-5.89	43.01	5.10	Average	194	136
2	5715.00	63.19	74.00	-10.81	58.09	5.10	Peak	194	136
3	5725.00	64.49	78.20	-13.71	59.40	5.09	Peak	194	136
4	11510.00	46.79	54.00	-7.21	31.28	15.51	Average	329	214
5	11510.00	60.57	74.00	-13.43	45.06	15.51	Peak	329	214

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

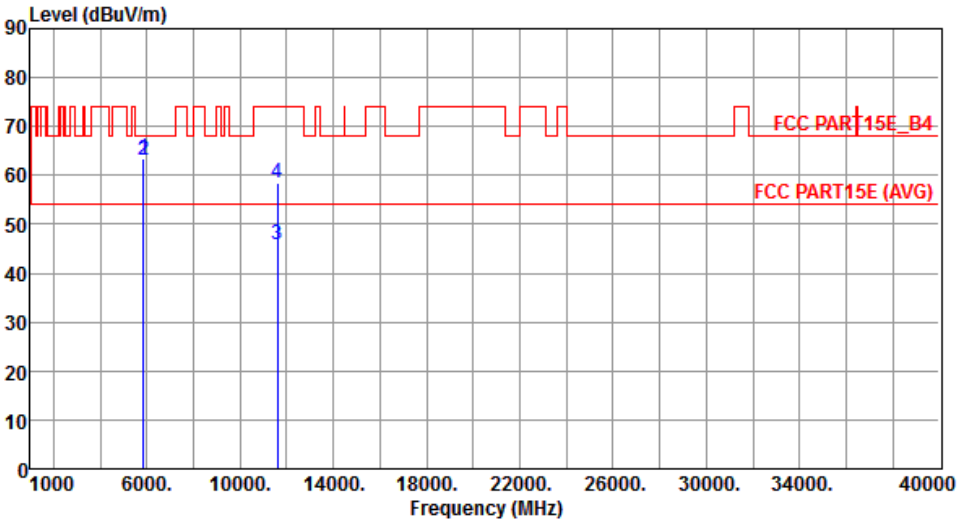
Modulation	VHT40	Test Freq. (MHz)	5795
Polarization	Horizontal	Test Configuration	2



	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	70.86	78.20	-7.34	65.60	5.26	Peak	209	138
2	5860.00	66.68	68.20	-1.52	61.41	5.27	Peak	209	138
3	11590.00	45.66	54.00	-8.34	30.39	15.27	Average	168	174
4	11590.00	57.82	74.00	-16.18	42.55	15.27	Peak	168	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	VHT40	Test Freq. (MHz)	5795
Polarization	Vertical	Test Configuration	2

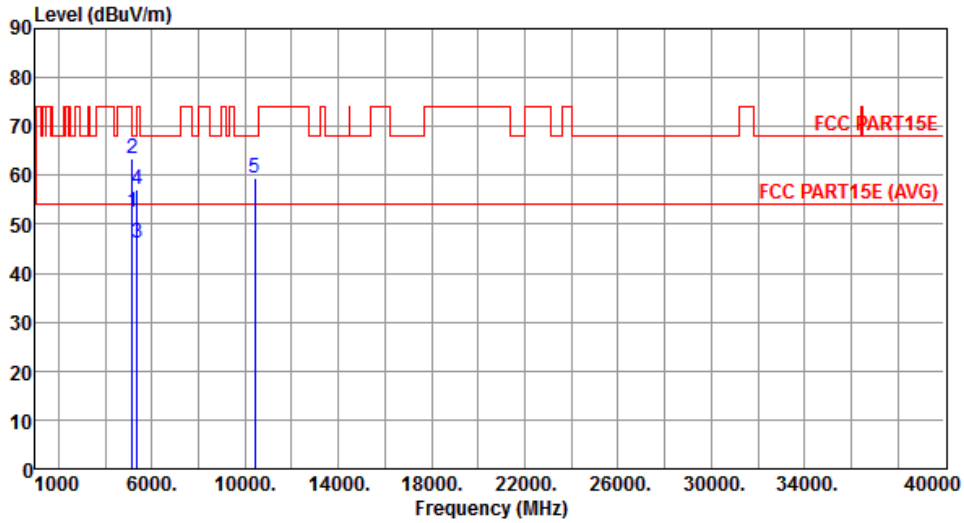


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5850.00	63.55	78.20	-14.65	58.29	5.26	Peak	204	133
2	5860.00	63.09	68.20	-5.11	57.82	5.27	Peak	204	133
3	11590.00	45.75	54.00	-8.25	30.48	15.27	Average	259	297
4	11590.00	58.35	74.00	-15.65	43.08	15.27	Peak	259	297

Note 1: Emission Level (dBuV/m) = SA Reading (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

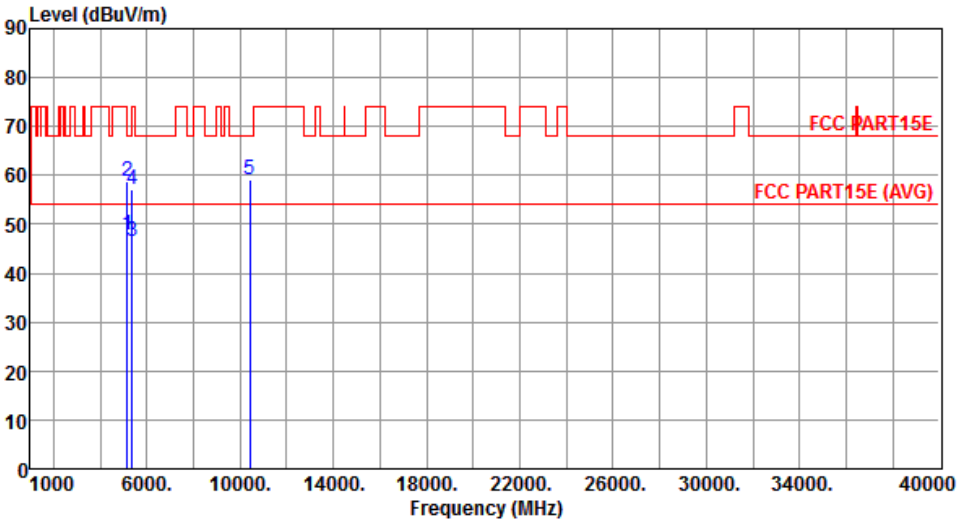
Modulation	VHT80	Test Freq. (MHz)	5210
Polarization	Horizontal	Test Configuration	2



	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	52.60	54.00	-1.40	48.20	4.40	Average	232	142
2	5150.00	63.56	74.00	-10.44	59.16	4.40	Peak	232	142
3	5350.00	46.22	54.00	-7.78	41.58	4.64	Average	232	142
4	5350.00	57.22	74.00	-16.78	52.58	4.64	Peak	232	142
5	10420.00	59.51	68.20	-8.69	45.19	14.32	Peak	285	165

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

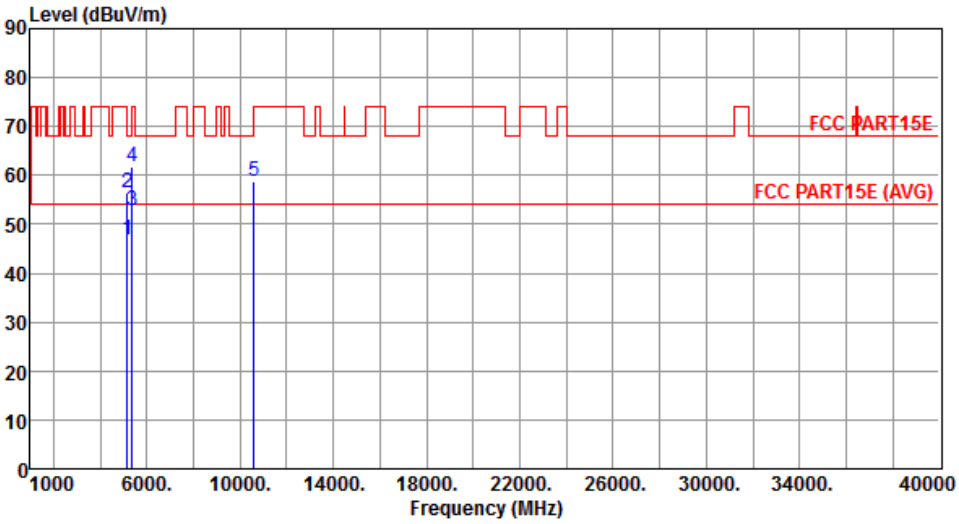
Modulation	VHT80	Test Freq. (MHz)	5210
Polarization	Vertical	Test Configuration	2



	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	47.93	54.00	-6.07	43.53	4.40	Average	211	65
2	5150.00	58.78	74.00	-15.22	54.38	4.40	Peak	211	65
3	5350.00	46.60	54.00	-7.40	41.96	4.64	Average	211	65
4	5350.00	57.11	74.00	-16.89	52.47	4.64	Peak	211	65
5	10420.00	59.00	68.20	-9.20	44.68	14.32	Peak	274	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).

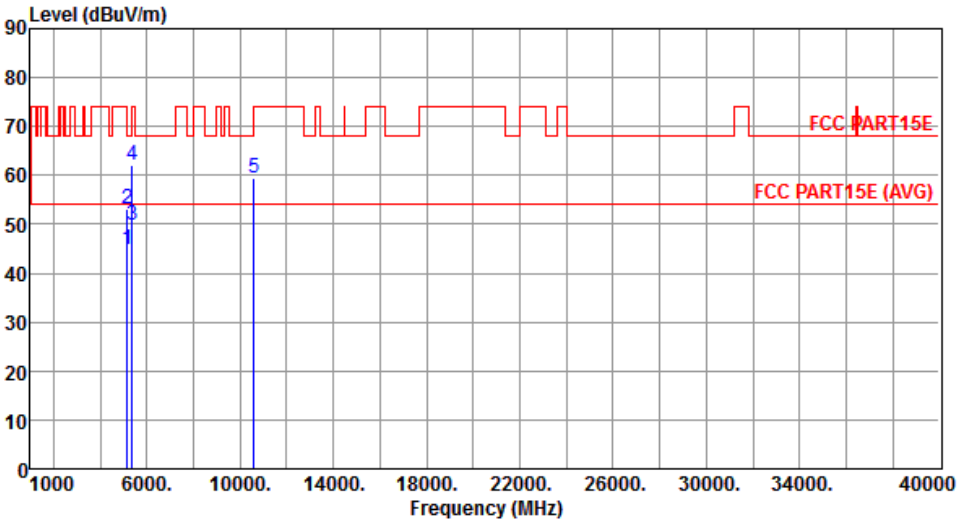
Modulation	VHT80	Test Freq. (MHz)	5290
Polarization	Horizontal	Test Configuration	2



	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	46.87	54.00	-7.13	42.47	4.40	Average	221	166
2	5150.00	56.59	74.00	-17.41	52.19	4.40	Peak	221	166
3	5350.00	52.92	54.00	-1.08	48.28	4.64	Average	221	166
4	5350.00	61.88	74.00	-12.12	57.24	4.64	Peak	221	166
5	10580.00	58.79	68.20	-9.41	44.23	14.56	Peak	189	35

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

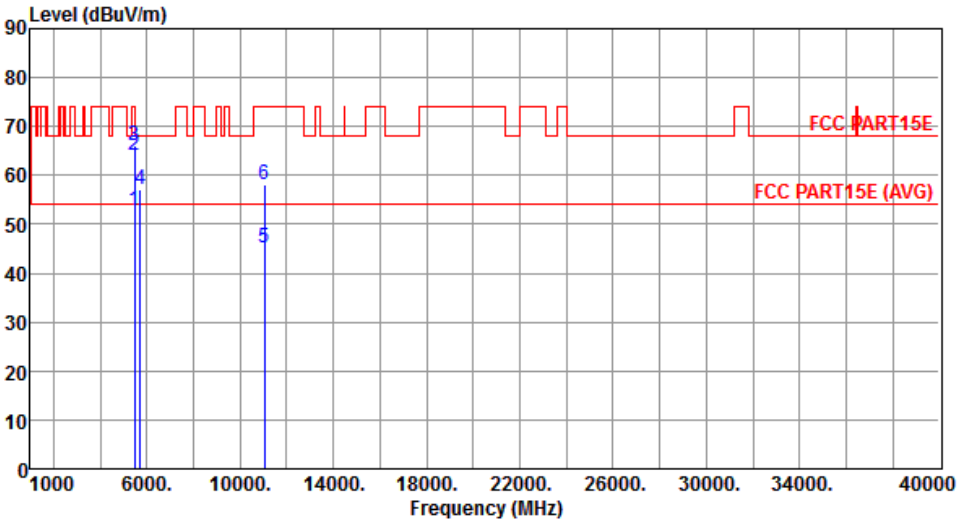
Modulation	VHT80	Test Freq. (MHz)	5290
Polarization	Vertical	Test Configuration	2



	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	44.79	54.00	-9.21	40.39	4.40	Average	246	210
2	5150.00	53.10	74.00	-20.90	48.70	4.40	Peak	246	210
3	5350.00	49.88	54.00	-4.12	45.24	4.64	Average	246	210
4	5350.00	62.02	74.00	-11.98	57.38	4.64	Peak	246	210
5	10580.00	59.29	68.20	-8.91	44.73	14.56	Peak	359	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).

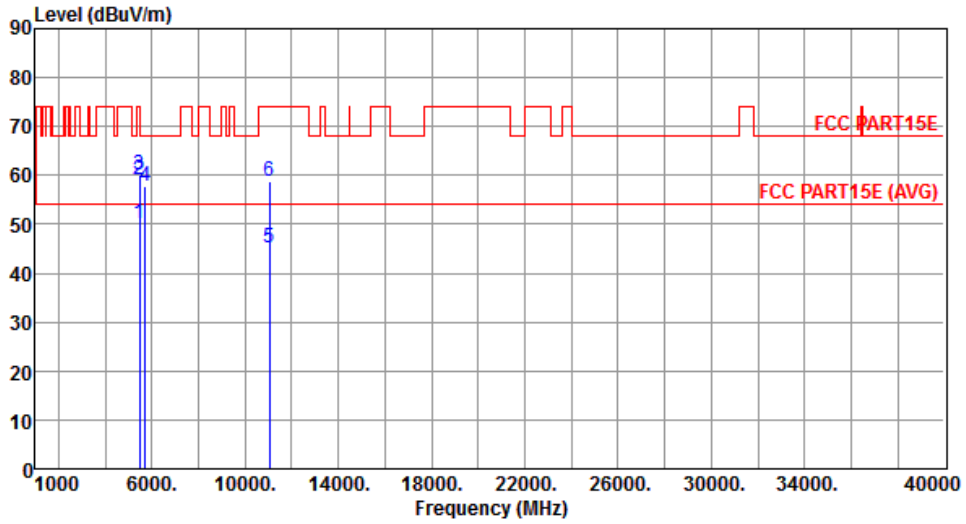
Modulation	VHT80	Test Freq. (MHz)	5530
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	52.93	54.00	-1.07	48.15	4.78	Average	219	145
2	5460.00	64.18	74.00	-9.82	59.40	4.78	Peak	219	145
3	5470.00	66.18	68.20	-2.02	61.39	4.79	Peak	219	145
4	5725.00	57.14	68.20	-11.06	52.05	5.09	Peak	219	145
5	11060.00	45.00	54.00	-9.00	29.89	15.11	Average	180	297
6	11060.00	58.00	74.00	-16.00	42.89	15.11	Peak	180	297

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

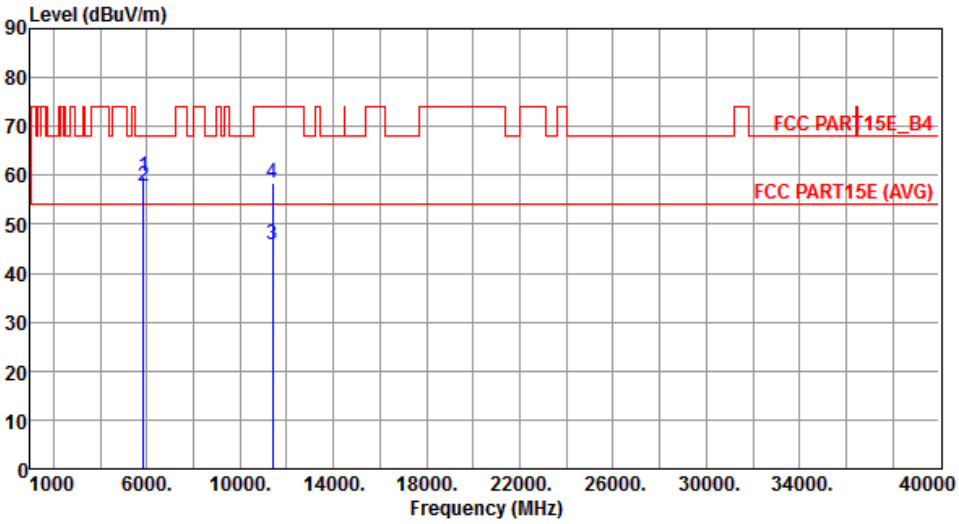
Modulation	VHT80	**Test Freq. (MHz)**	5530
Polarization	Vertical	**Test Configuration**	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	50.01	54.00	-3.99	45.23	4.78	Average	231	139
2	5460.00	59.00	74.00	-15.00	54.22	4.78	Peak	231	139
3	5470.00	60.13	68.20	-8.07	55.34	4.79	Peak	231	139
4	5725.00	57.90	68.20	-10.30	52.81	5.09	Peak	231	139
5	11060.00	45.08	54.00	-8.92	29.97	15.11	Average	248	235
6	11060.00	58.72	74.00	-15.28	43.61	15.11	Peak	248	235

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

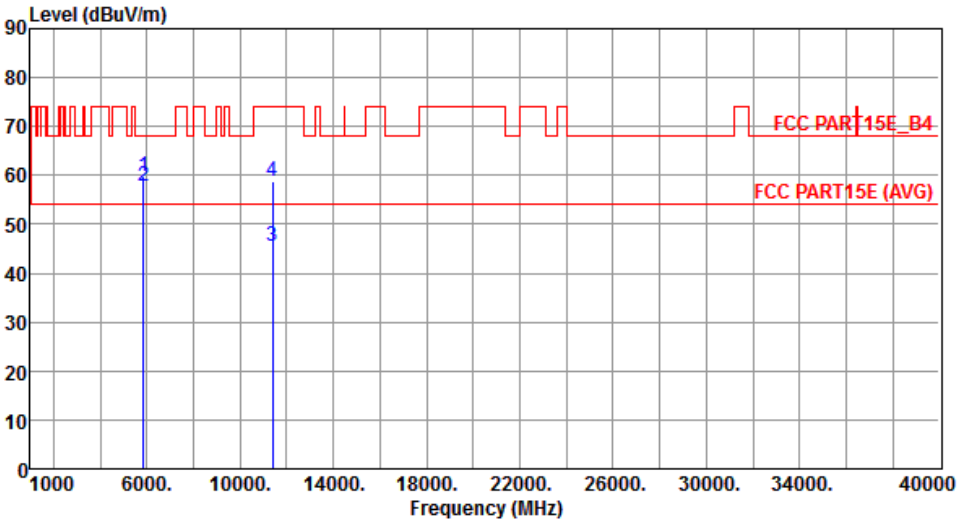
Modulation	VHT80	Test Freq. (MHz)	5690
Polarization	Horizontal	Test Configuration	2



	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	59.78	78.20	-18.42	54.52	5.26	Peak	218	74
2	5860.00	57.75	68.20	-10.45	52.48	5.27	Peak	218	74
3	11380.00	45.71	54.00	-8.29	30.29	15.42	Average	205	147
4	11380.00	58.53	74.00	-15.47	43.11	15.42	Peak	205	147

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

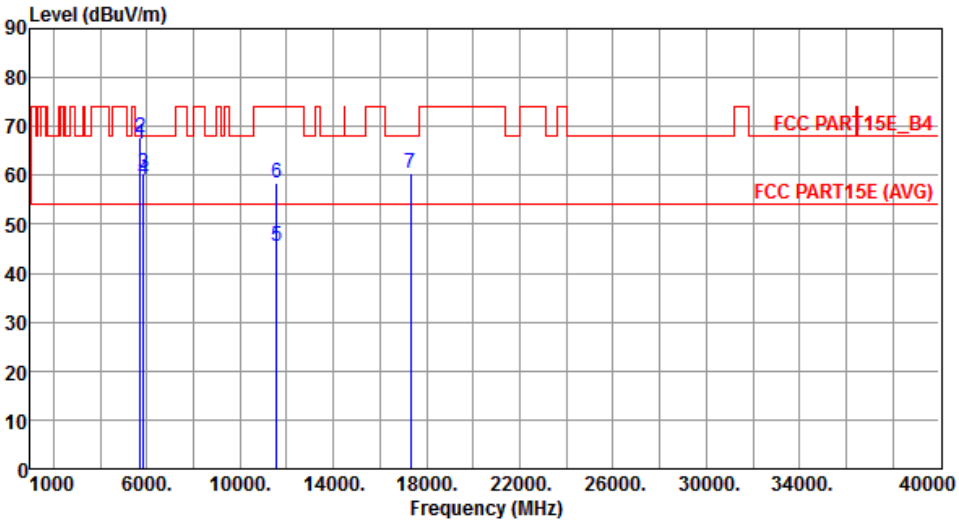
Modulation	VHT80	Test Freq. (MHz)	5690
Polarization	Vertical	Test Configuration	2



	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	59.89	78.20	-18.31	54.63	5.26	Peak	211	34
2	5860.00	57.65	68.20	-10.55	52.38	5.27	Peak	211	34
3	11380.00	45.58	54.00	-8.42	30.16	15.42	Average	196	254
4	11380.00	58.74	74.00	-15.26	43.32	15.42	Peak	196	254

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

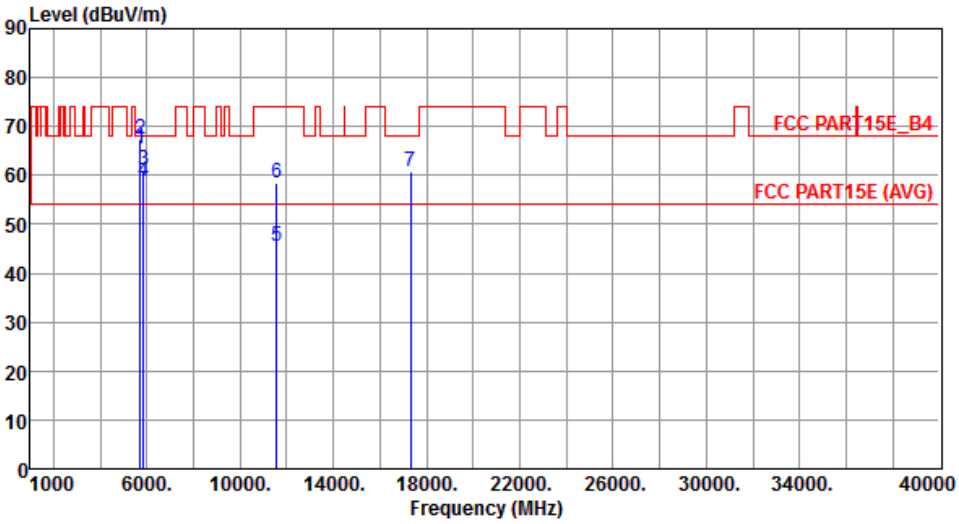
Modulation	VHT80	Test Freq. (MHz)	5775
Polarization	Horizontal	Test Configuration	2



	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	66.53	68.20	-1.67	61.43	5.10	Peak	207	132
2	5725.00	67.92	78.20	-10.28	62.83	5.09	Peak	207	132
3	5850.00	60.47	78.20	-17.73	55.21	5.26	Peak	207	132
4	5860.00	59.23	68.20	-8.97	53.96	5.27	Peak	207	132
5	11550.00	45.47	54.00	-8.53	30.07	15.40	Average	129	274
6	11550.00	58.55	74.00	-15.45	43.15	15.40	Peak	129	274
7	17325.00	60.54	68.20	-7.66	41.41	19.13	Peak	345	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	VHT80	Test Freq. (MHz)	5775
Polarization	Vertical	Test Configuration	2



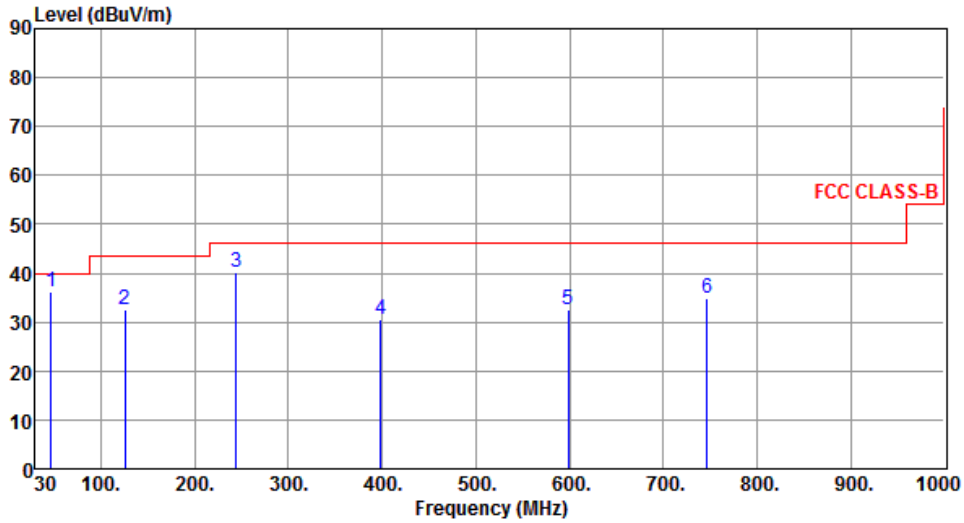
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	65.33	68.20	-2.87	60.23	5.10	Peak	207	134
2	5725.00	67.54	78.20	-10.66	62.45	5.09	Peak	207	134
3	5850.00	61.18	78.20	-17.02	55.92	5.26	Peak	207	134
4	5860.00	58.77	68.20	-9.43	53.50	5.27	Peak	207	134
5	11550.00	45.42	54.00	-8.58	30.02	15.40	Average	257	136
6	11550.00	58.52	74.00	-15.48	43.12	15.40	Peak	257	136
7	17325.00	60.64	68.20	-7.56	41.51	19.13	Peak	188	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).

Test Configuration 3: External Antenna with longest cable

3.5.14 Transmitter Radiated Unwanted Emissions (Below 1GHz)

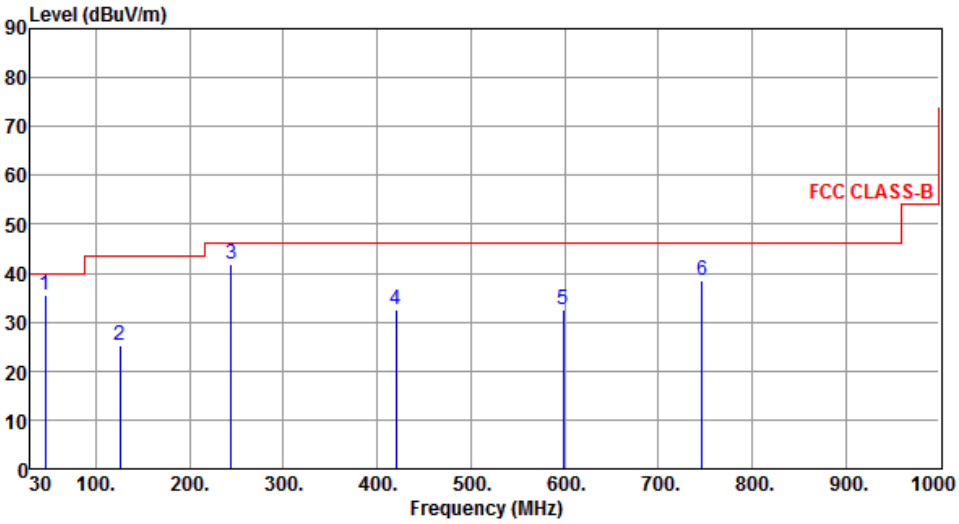
Modulation	VHT40	**Test Freq. (MHz)**	5270
Polarization	Horizontal	**Test Configuration**	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	46.49	36.37	40.00	-3.63	52.69	-16.32	Peak	---	---
2	126.03	32.56	43.50	-10.94	50.90	-18.34	Peak	---	---
3	244.37	40.32	46.00	-5.68	58.17	-17.85	Peak	---	---
4	398.60	30.53	46.00	-15.47	43.98	-13.45	Peak	---	---
5	598.42	32.47	46.00	-13.53	42.02	-9.55	Peak	---	---
6	746.83	34.88	46.00	-11.12	41.89	-7.01	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.

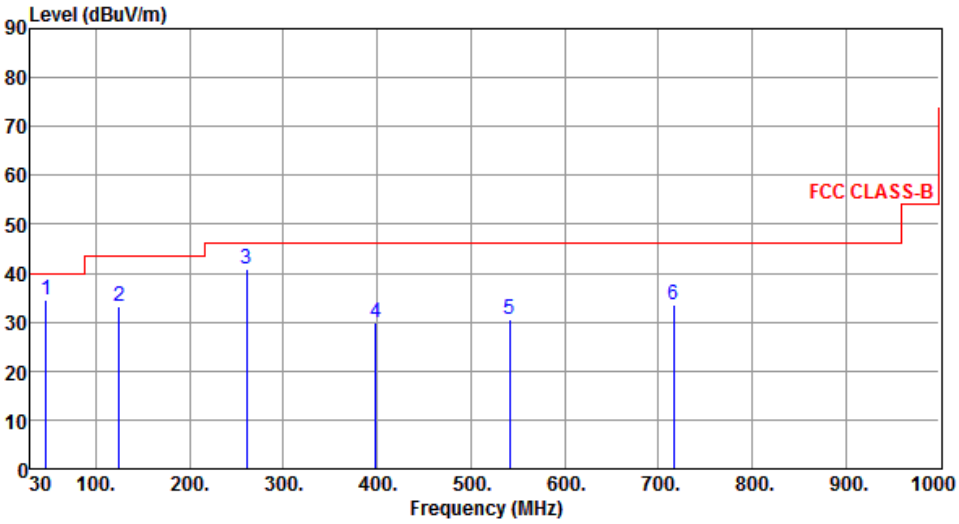
Modulation	VHT40	Test Freq. (MHz)	5270
Polarization	Vertical	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	45.52	35.46	40.00	-4.54	51.77	-16.31	Peak	---	---
2	126.03	25.09	43.50	-18.41	43.43	-18.34	Peak	---	---
3	244.37	41.78	46.00	-4.22	59.63	-17.85	Peak	---	---
4	419.94	32.67	46.00	-13.33	45.58	-12.91	Peak	---	---
5	598.42	32.53	46.00	-13.47	42.08	-9.55	Peak	---	---
6	746.83	38.55	46.00	-7.45	45.56	-7.01	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.

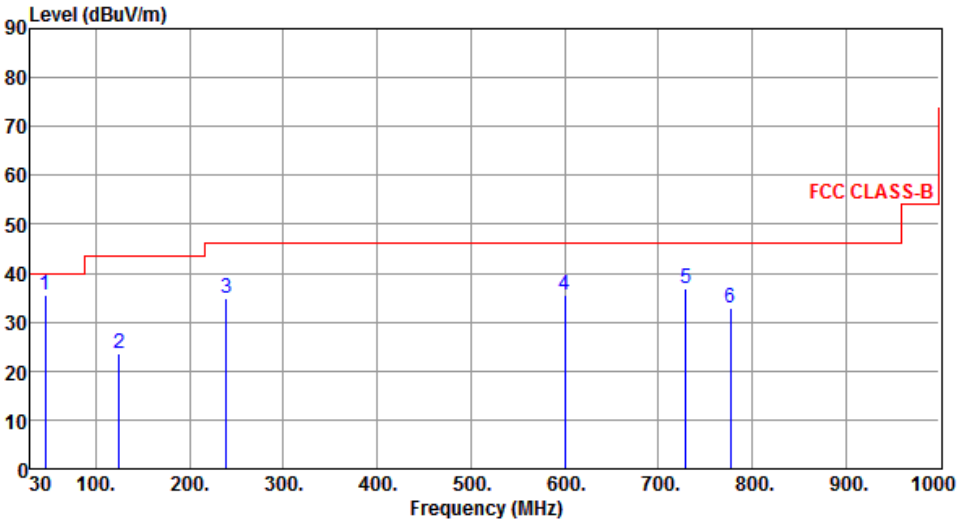
Modulation	VHT40	Test Freq. (MHz)	5795
Polarization	Horizontal	Test Configuration	3



	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	34.70	40.00	-5.30	51.02	-16.32	Peak	---	---
2	125.06	33.06	43.50	-10.44	51.48	-18.42	Peak	---	---
3	260.86	40.91	46.00	-5.09	58.26	-17.35	Peak	---	---
4	398.60	29.86	46.00	-16.14	43.31	-13.45	Peak	---	---
5	541.19	30.49	46.00	-15.51	41.08	-10.59	Peak	---	---
6	716.76	33.62	46.00	-12.38	41.30	-7.68	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	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	45.52	35.56	40.00	-4.44	51.87	-16.31	Peak	---	---
2	125.06	23.53	43.50	-19.97	41.95	-18.42	Peak	---	---
3	239.52	34.93	46.00	-11.07	52.91	-17.98	Peak	---	---
4	600.36	35.56	46.00	-10.44	45.07	-9.51	Peak	---	---
5	729.37	36.74	46.00	-9.26	44.14	-7.40	Peak	---	---
6	776.90	32.87	46.00	-13.13	39.58	-6.71	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.

3.6 Frequency Stability

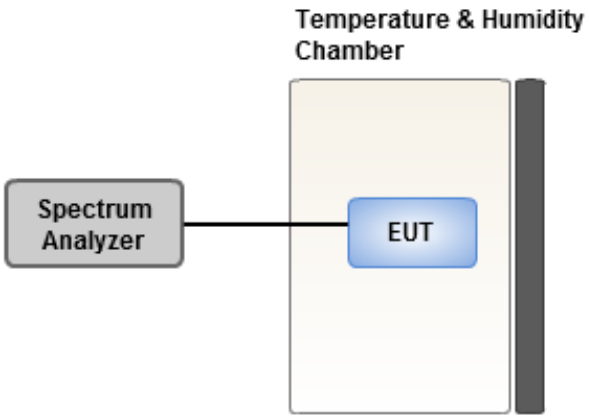
3.6.1 Limit of Frequency Stability

Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

3.6.2 Test Procedures

1. The EUT is installed in an environment test chamber with external power source.
2. Set the chamber to operate at 50 centigrade and external power source to output at nominal voltage of EUT.
3. A sufficient stabilization period at each temperature is used prior to each frequency measurement.
4. When temperature is stabled, measure the frequency stability.
5. The test shall be performed under -30 to 70 centigrade and 85 to 115 percent of the nominal voltage. Change setting of chamber and external power source to complete all conditions.

3.6.3 Test Setup



3.6.4 Test Result of Frequency Stability

Frequency: 5320 MHz	Frequency Drift (ppm)			
Temperature (°C)	0 minute	2 minutes	5 minutes	10 minutes
T20°CVmax	0.39	0.32	0.33	0.61
T20°CVmin	1.25	1.76	0.89	1.13
T70°CVnom	0.71	0.31	1.16	0.95
T60°CVnom	1.15	0.83	1.49	1.32
T50°CVnom	1.16	0.66	1.30	1.31
T40°CVnom	-0.12	0.25	0.16	0.53
T30°CVnom	0.74	0.78	0.23	0.49
T20°CVnom	0.06	0.82	-0.03	0.56
T10°CVnom	0.34	0.99	0.46	0.52
T0°CVnom	-0.08	0.33	0.57	0.31
T-10°CVnom	0.81	0.58	0.85	1.33
T-20°CVnom	1.17	1.77	1.33	0.99
T-30°CVnom	0.73	0.59	0.83	0.84
Vnom [Vac]: 120		Vmax [Vac]: 138		Vmin [Vac]: 102
Tnom [°C]: 20		Tmax [°C]: 70		Tmin [°C]: -30

Frequency: 5785 MHz	Frequency Drift (ppm)			
Temperature (°C)	0 minute	2 minutes	5 minutes	10 minutes
T20°CVmax	4.43	4.85	4.33	4.56
T20°CVmin	4.06	4.28	4.07	4.64
T70°CVnom	2.84	3.11	3.22	2.84
T60°CVnom	2.92	2.96	2.71	2.80
T50°CVnom	3.99	4.30	3.72	3.87
T40°CVnom	3.24	4.05	2.95	3.52
T30°CVnom	2.98	3.33	3.37	3.11
T20°CVnom	2.69	2.54	3.11	2.92
T10°CVnom	2.61	2.27	3.14	2.75
T0°CVnom	2.56	2.86	3.19	2.72
T-10°CVnom	1.00	1.53	0.98	0.99
T-20°CVnom	0.73	0.64	0.80	1.06
T-30°CVnom	0.84	0.76	0.99	1.18
Vnom [Vac]: 120		Vmax [Vac]: 138		Vmin [Vac]: 102
Tnom [°C]: 20		Tmax [°C]: 70		Tmin [°C]: -30

4 Test laboratory information

Established in 2012, ICC provides foremost EMC & RF Testing and advisory consultation services by our skilled engineers and technicians. Our services employ a wide variety of advanced edge test equipment and one of the widest certification extents in the business.

International Certification Corp, it is our definitive objective is to institute long term, trust-based associations with our clients. The expectation we set up with our clients is based on outstanding service, practical expertise and devotion to a certified value structure. Our passion is to grant our clients with best EMC / RF services by oriented knowledgeable and accommodating staff.

Our Test sites are located at Linkou District and Kwei Shan Hsiang. Location map can be found on our website http://www.icertifi.com.tw.

Linkou	**Kwei Shan**	**Kwei Shan Site II**
Tel: 886-2-2601-1640	Tel: 886-3-271-8666	Tel: 886-3-271-8640
No. 30-2, Ding Fwu Tsuen, Lin Kou District, New Taipei City, Taiwan, R.O.C.	No. 3-1, Lane 6, Wen San 3rd St., Kwei Shan Hsiang, Tao Yuan Hsien 333, Taiwan, R.O.C.	No. 14-1, Lane 19, Wen San 3rd St., Kwei Shan Hsiang, Tao Yuan Hsien 333, Taiwan, R.O.C.

If you have any suggestion, please feel free to contact us as below information

Tel: 886-3-271-8666
Fax: 886-3-318-0155
Email: ICC_Service@icertifi.com.tw

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