FCC Test Report

FCC ID	:	**QXO-4200**
Equipment	:	**Wireless 802.11 ac/a + b/g/n Access Point**
Model No.	:	**WS-AP3805i, WS-AP3805e, WS-AP3801i, 30912, 30913** **(refer to item 1.1.1 for more details)**
Brand Name	:	**Extreme Networks**
Applicant	:	**Extreme Networks, Inc.**
Address	:	**9 Northeastern Blvd., Salem, New Hampshire, United States, 03079**
Standard	:	**47 CFR FCC Part 15.407**
Received Date	:	**Jun. 11, 2014**
Tested Date	:	**Jun. 11 ~ Nov. 10, 2014**

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

Table of Contents

Release Record

Report No.	Version	Description	Issued Date
FR482702-04AN-1	Rev. 01	Initial issue	Mar. 25, 2016

Summary of Test Results

FCC Rules	Test Items	Measured	Result
15.207	Conducted Emissions	[dBuV]: 0.393MHz 45.93 (Margin -2.06dB) - AV	Pass
15.407(b) 15.209	Radiated Emissions	[dBuV/m at 3m]: 5470.00MHz 53.00 (Margin -1.00dB) - AV [dBuV/m at 3m]: 5350.00MHz 73.00 (Margin -1.00dB) – PK [dBuV/m at 3m]: 5725.00MHz 53.00 (Margin -1.00dB) - AV	Pass
15.407(a)	Emission Bandwidth	Meet the requirement of limit	Pass
15.407(a)	RF Output Power	Max Power [dBm]: 5250~5350MHz: 23.90 5470~5725MHz: 23.79	Pass
15.407(a)	Peak Power Spectral Density	Meet the requirement of limit	Pass
15.407(g)	Frequency Stability	Meet the requirement of limit	Pass
15.203	Antenna Requirement	Meet the requirement of limit	Pass

1 General Description

1.1 Information

This report is issued as a duplicate report to the original ICC report no. FR482702-01AN. The modification is only concerned with adding multiple-listing models (30912 & 30913) for marketing purpose.

1.1.1 Product Details

The following models are provided to this EUT. **(New additional models are marked in boldface.)**

Brand Name	Model Name	Description	Product Name	Remarks
Extreme Networks	WS-AP3805i	---	Wireless 802.11 ac/a + b/g/n Access Point	Internal PIFA antenna
	30912	**WS-AP3805i-FCC**		
	30913	**WS-AP3805-ROW**		
	WS-AP3801i	---		Internal PIFA antenna
	WS-AP3805e	---		External Dipole antenna
Note: The AP3805i and AP3801i use identical hardware. The only difference is the AP3801i is software limited to prevent simultaneous operation in the 2.4 GHz and 5GHz bands.				

1.1.2 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**
5250-5350 5470-5725	a	5260-5320 5500-5720	52-64 [4] 100-144 [9]	2	6-54 Mbps
5250-5350 5470-5725	n (HT20)	5260-5320 5500-5720	52-64 [4] 100-144 [9]	2	MCS 0-15
5250-5350 5470-5725	n (HT40)	5270-5310 5510-5710	54-62 [2] 102-142 [4]	2	MCS 0-15
5250-5350 5470-5725	ac (VHT20)	5260-5320 5500-5720	52-64 [4] 100-144 [9]	2	MCS 0-8
5250-5350 5470-5725	ac (VHT40)	5270-5310 5510-5710	54-62 [2] 102-142 [4]	2	MCS 0-9
5250-5350 5470-5725	ac (VHT80)	5290 5530~5690	58 [1] 106-138 [2]	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. Note 3: The device has disabled the 5600-5650MHz band by S/W setting.					

1.1.3 Antenna Details

Ant. No.	Model	Type	Connector	Operating Frequencies (MHz) / Antenna Gain (dBi)	
				5250~5350	5470~5725
1	5718A0077300	PIFA	I-Pex	5.54	5.98
2	5718A0076300	PIFA	I-Pex	4.63	5.63
3	7102A0301000	Dipole	R SMA	3.20	3.11
4	WS-AI-DQ04360	Directional Panel	RPSMA	7	7
5	WS-AI-DD05120	Directional Panel	RPSMA	5	5

1.1.4 Power Supply Type of Equipment under Test (EUT)

Power Supply Type	12Vdc from adapter / 48Vdc from PoE

1.1.5 Accessories & Support Units

Accessories & Support Units		
No.	**Equipment**	**Description**
1	Power Supply Type 1 Adapter	Brand: Powertron Electronics Corp. Model: PA1015-2I I/P: 100-240Vac, 50-60Hz, 0.4A O/P: 12Vdc, 1.25A, 15W Power line: 1.2m non-shielded with one core
2	Power Supply Type 2 With POE injector (Model: EPE-48GR) **Support unit only	Brand: Powertron Electronics Corp. Model: PA1040-480IB080 I/P: 100-240Vac, 50-60Hz, 1.5A O/P: 48Vdc, 0.8A, 38.4W max Power line: 1.5m non-shielded with one core

1.1.6 Channel List

802.11 a / HT20 / VHT20		HT40 / VHT40	
Channel	**Frequency(MHz)**	**Channel**	**Frequency(MHz)**
52	5260	54	5270
56	5280	62	5310
60	5300	102	5510
64	5320	110	5550
100	5500	134	5670
104	5520	142	5710
108	5540	**VHT 80**	
112	5560	58	5290
116	5580	106	5530
132	5660	138	5690
136	5680	---	---
140	5700	---	---
144	5720	---	---

1.1.7 Test Tool and Duty Cycle

Test Tool	ART2-GUI, V4_9_575_5_CS_U3		
Duty Cycle and Duty Factor	**Mode**	**Duty cycle (%)**	**Duty factor (dB)**
	11a	98.26%	0.08
	VHT20	98.15%	0.08
	VHT40	94.93%	0.23
	VHT80	88.46%	0.53

1.1.8 Power Setting

For internal PIFA antenna

For Frequency band 5250~5350 MHz		
Modulation Mode	**Test Frequency (MHz)**	**Power Set**
11a	5260	16.5
11a	5300	16.5
11a	5320	17
HT20	5260	17
HT20	5300	17
HT20	5320	17
HT40	5270	20.00
HT40	5310	17.00
VHT20	5260	17
VHT20	5300	17
VHT20	5320	17
VHT40	5270	20.00
VHT40	5310	17.00
VHT80	5290	12

For Frequency band 5470~5725 MHz		
Modulation Mode	**Test Frequency (MHz)**	**Power Set**
11a	5500	16.00
11a	5580	16.00
11a	5700	16.00
HT20	5500	17
HT20	5580	16.5
HT20	5700	16
HT40	5510	14.50
HT40	5550	19.00
HT40	5670	18.00
VHT20	5500	17
VHT20	5580	16.5
VHT20	5700	16
VHT40	5510	14.50
VHT40	5550	19
VHT40	5670	18.00
VHT80	5530	12.50

Channel that extends across the 5.725 GHz boundary

For Frequency band 5470~5725 MHz		
Modulation Mode	**Test Frequency (MHz)**	**Power Set**
11a	5720	16
HT20	5720	16.5
HT40	5710	19
VHT20	5720	16.5
VHT40	5710	19
VHT80	5690	19

For external Dipole antenna

For Frequency band 5250~5350 MHz		
Modulation Mode	**Test Frequency (MHz)**	**Power Set**
11a	5260	18.50
11a	5300	18.50
11a	5320	18.50
HT20	5260	18.50
HT20	5300	18.50
HT20	5320	18.00
HT40	5270	20.00
HT40	5310	16.00
VHT20	5260	18.50
VHT20	5300	18.50
VHT20	5320	18.00
VHT40	5270	20.00
VHT40	5310	16.00
VHT80	5290	14.50

For Frequency band 5470~5725 MHz		
Modulation Mode	**Test Frequency (MHz)**	**Power Set**
11a	5500	19
11a	5580	19
11a	5700	18
HT20	5500	19
HT20	5580	19
HT20	5700	17.5
HT40	5510	15
HT40	5550	19.5
HT40	5670	18.50
VHT20	5500	19
VHT20	5580	19
VHT20	5700	17.5
VHT40	5510	15
VHT40	5550	19.5
VHT40	5670	18.50
VHT80	5530	12.00

Channel that extends across the 5.725 GHz boundary

For Frequency band 5470~5725 MHz		
Modulation Mode	**Test Frequency (MHz)**	**Power Set**
11a	5720	18.5
HT20	5720	19
HT40	5710	19.5
VHT20	5720	19
VHT40	5710	19.5
VHT80	5690	19.5

For external Directional Panel antenna (model WS-AI-DQ04360)

For Frequency band 5250~5350 MHz		
Modulation Mode	**Test Frequency (MHz)**	**Power Set**
11a	5260	15.5
11a	5300	15.5
11a	5320	15.5
HT20	5260	16
HT20	5300	15.5
HT20	5320	15.5
HT40	5270	18.50
HT40	5310	14.00
VHT20	5260	16
VHT20	5300	15.5
VHT20	5320	15.5
VHT40	5270	18.50
VHT40	5310	14.00
VHT80	5290	11.5

For Frequency band 5470~5725 MHz		
Modulation Mode	**Test Frequency (MHz)**	**Power Set**
11a	5500	16
11a	5580	15.5
11a	5700	15
HT20	5500	16.5
HT20	5580	16
HT20	5700	15.5
HT40	5510	14.00
HT40	5550	18.50
HT40	5670	18.00
VHT20	5500	16.5
VHT20	5580	16
VHT20	5700	15.5
VHT40	5510	14.00
VHT40	5550	18.50
VHT40	5670	18.00
VHT80	5530	12.00

Channel that extends across the 5.725 GHz boundary

For Frequency band 5470~5725 MHz		
Modulation Mode	**Test Frequency (MHz)**	**Power Set**
11a	5720	15
HT20	5720	15.5
HT40	5710	18
VHT20	5720	15.5
VHT40	5710	18
VHT80	5690	18

For external Directional Panel antenna (model WS-AI-DD05120)

For Frequency band 5250~5350 MHz		
Modulation Mode	**Test Frequency (MHz)**	**Power Set**
11a	5260	17
11a	5300	17
11a	5320	17
HT20	5260	17.5
HT20	5300	17.5
HT20	5320	17.5
HT40	5270	19.50
HT40	5310	15.50
VHT20	5260	17.5
VHT20	5300	17.5
VHT20	5320	17.5
VHT40	5270	19.50
VHT40	5310	15.50
VHT80	5290	13.00

For Frequency band 5470~5725 MHz		
Modulation Mode	**Test Frequency (MHz)**	**Power Set**
11a	5500	18
11a	5580	17.5
11a	5700	17
HT20	5500	17.5
HT20	5580	17.5
HT20	5700	16
HT40	5510	15
HT40	5550	19.5
HT40	5670	18.50
VHT20	5500	17.5
VHT20	5580	17.5
VHT20	5700	16
VHT40	5510	15
VHT40	5550	19.5
VHT40	5670	18.50
VHT80	5530	13.00

Channel that extends across the 5.725 GHz boundary

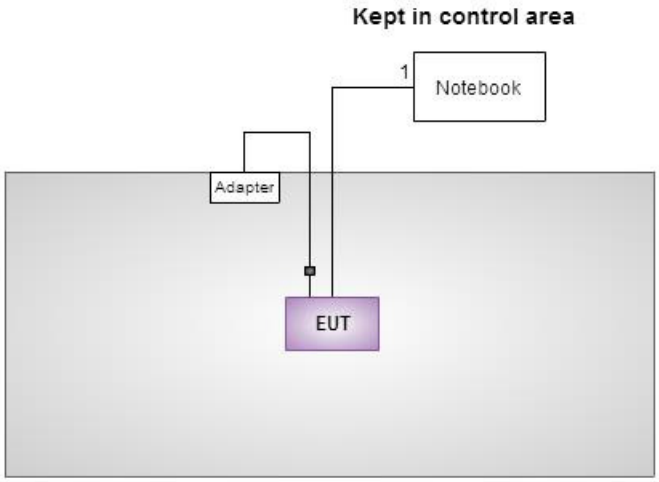
For Frequency band 5470~5725 MHz		
Modulation Mode	**Test Frequency (MHz)**	**Power Set**
11a	5720	17
HT20	5720	17.5
HT40	5710	19.5
VHT20	5720	17.5
VHT40	5710	19.5
VHT80	5690	19.5

1.2 Local Support Equipment List

Support Equipment List					
No.	**Equipment**	**Brand**	**Model**	**FCC ID**	**Signal cable / Length (m)**
1	Notebook	DELL	E6430	DoC	RJ45, 8m non-shielded.

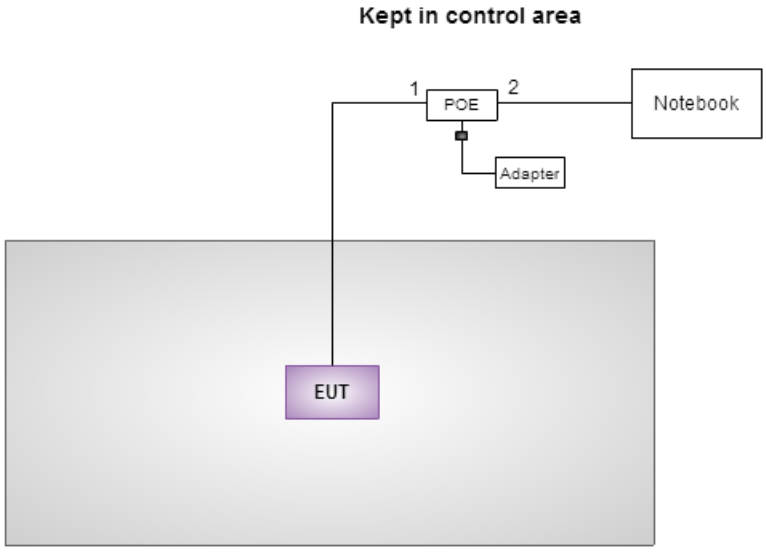
1.3 Test Setup Chart

Radiated Test Setup Diagram (Adapter mode)



1. RJ45, 8m non-shielded

Radiated Test Setup Diagram (POE mode)



1. RJ45, 8m non-shielded
2. RJ45, 1m non-shielded

1.4 The Equipment List

Test Item	Conducted Emission				
Test Site	Conduction room 1 / (CO01-WS)				
Tested Date	Jul. 24 ~ Oct. 24, 2014				
Instrument	**Manufacturer**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
EMC Receiver	R&S	ESCS 30	100132	Nov. 14, 2013	Nov. 13, 2014
LISN	SCHWARZBECK	Schwarzbeck 8127	8127-667	Nov. 23, 2013	Nov. 22, 2014
LISN (Support Unit)	SCHWARZBECK	Schwarzbeck 8127	8127-666	Dec. 04, 2013	Dec. 03, 2014
RF Cable-CON	Woken	CFD200-NL	CFD200-NL-001	Apr. 23, 2014	Apr. 22, 2015
50 ohm terminal (Support Unit)	NA	50	04	Apr. 18, 2014	Apr. 17, 2015
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)				
Tested Date	Jun. 11 ~ Oct. 28, 2014				
Instrument	**Manufacturer**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
Spectrum Analyzer	R&S	FSV40	101498	Jan. 25, 2014	Jan. 24, 2015
Receiver	R&S	ESR3	101658	Jan. 10, 2014	Jan. 09, 2015
Bilog Antenna	SCHWARZBECK	VULB9168	VULB9168-522	Jan. 23, 2014	Jan. 22, 2015
Horn Antenna 1G-18G	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1096	Feb. 13, 2014	Feb. 12, 2015
Horn Antenna 18G-40G	SCHWARZBECK	BBHA 9170	BBHA 9170517	Dec. 27, 2013	Dec. 26, 2014
Preamplifier	Burgeon	BPA-530	SN:100219	Dec. 09, 2013	Dec. 08, 2014
Preamplifier	Agilent	83017A	MY39501308	Dec. 16, 2013	Dec. 15, 2014
RF Cable	HUBER+SUHNER	SUCOFLEX104	MY16014/4	Dec. 16, 2013	Dec. 15, 2014
RF Cable	HUBER+SUHNER	SUCOFLEX104	MY16019/4	Dec. 16, 2013	Dec. 15, 2014
RF Cable	HUBER+SUHNER	SUCOFLEX104	MY16139/4	Dec. 16, 2013	Dec. 15, 2014
LF cable 3M	Woken	CFD400NL-LW	CFD400NL-001	Dec. 16, 2013	Dec. 15, 2014
LF cable 10M	Woken	CFD400NL-LW	CFD400NL-002	Dec. 16, 2013	Dec. 15, 2014
Measurement Software	AUDIX	e3	6.120210g	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

Loop Antenna	R&S	HFH2-Z2	100330	Nov. 15, 2012	Nov. 14, 2014
Note: Calibration Interval of instruments listed above is two year.					

Test Item	RF Conducted				
Test Site	(TH01-WS)				
Tested Date	Nov. 09 ~ Nov. 10, 2014				
Instrument	**Manufacturer**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
Spectrum Analyzer	R&S	FSV40	101063	Feb. 17, 2014	Feb. 16, 2015
TEMP&HUMIDITY CHAMBER	GIANT FORCE	GCT-225-40-SP-SD	MAF1212-002	Dec. 11, 2013	Dec. 10, 2014
Power Meter	Anritsu	ML2495A	1241002	Sep. 29, 2014	Sep. 28, 2015
Power Sensor	Anritsu	MA2411B	1207366	Sep. 29, 2014	Sep. 28, 2015
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 C63.10-2009
FCC KDB 789033 D02 General UNII Test Procedures New Rules v01
FCC KDB 644545 D03 Guidance for IEEE 802 11ac New Rules v01
FCC KDB 662911 D01 Multiple Transmitter Output v02r01
FCC KDB 412172 D01 Determining ERP and EIRP v01

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
Temperature	±0.6 °C
Conducted emission	±2.670 dB
AC conducted emission	±2.92 dB
Radiated emission ≤ 1GHz	±3.26 dB
Radiated emission > 1GHz	±4.94 dB

2 Test Configuration

2.1 Testing Condition

Test Item	Test Site	Ambient Condition	Tested By
AC Conduction	CO01-WS	22°C / 61-63%	Skys Huang
Radiated Emissions	03CH01-WS	20-25°C / 63-68%	Anderson Hong Haru Yang
RF Conducted	TH01-WS	22°C / 65%	Brad Wu

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

2.2 The Worst Test Modes and Channel Details

For Frequency band 5250-5350 MHz, 5470-5725 MHz				
Test item	**Modulation Mode**	**Test Frequency (MHz)**	**Data Rate**	**Test Configuration**
Conducted Emissions	VHT40	5270	MCS 0	1, 2, 3, 4, 5, 6, 7, 8
Radiated Emissions ≤1GHz	VHT40	5270	MCS 0	1, 2, 3, 4, 5, 6, 7, 8
RF Output Power	11a	5260 / 5300 / 5320 5500 / 5580 / 5700 / 5720	6 Mbps	1, 2, 3, 4
	HT20	5260 / 5300 / 5320 5500 / 5580 / 5700 / 5720	MCS 0	
	HT40	5270 / 5310 5510 / 5550 / 5670 / 5710	MCS 0	
	VHT20	5260 / 5300 / 5320 5500 / 5580 / 5700 / 5720	MCS 0	
	VHT40	5270 / 5310 5510 / 5550 / 5670 / 5710	MCS 0	
	VHT80	5290 / 5530 / 5690	MCS 0	
Radiated Emissions >1GHz Emission Bandwidth Peak Power Spectral Density	11a	5260 / 5300 / 5320 5500 / 5580 / 5700 / 5720	6 Mbps	1, 2, 3, 4
	VHT20	5260 / 5300 / 5320 5500 / 5580 / 5700 / 5720	MCS 0	
	VHT40	5270 / 5310 5510 / 5550 / 5670 / 5710	MCS 0	
	VHT80	5290 / 5530 / 5690	MCS 0	
Frequency Stability	Un-modulation	5320	---	1, 2, 3, 4

NOTE:

1. The EUT was pretested with 3 orientations placed on the table for the radiated emission measurement – X, Y, and Z-plane. Refer to the following configurations for each worst case plane.
2. The final test configurations are listed as follows:
   1) Configuration 1: Internal PIFA antenna, Adapter mode, Y-plane.
   2) Configuration 2: External Dipole antenna, Adapter mode, X-plane.
   3) Configuration 3: External Directional Panel antenna (model WS-AI-DQ04360), Adapter mode, X-plane.
   4) Configuration 4: External Directional Panel antenna (model WS-AI-DD05120), Adapter mode, X-plane.
   5) Configuration 5: Internal PIFA antenna, POE mode, Y-plane.
   6) Configuration 6: External Dipole antenna, POE mode, X-plane.
   7) Configuration 7: External Directional Panel antenna (model WS-AI-DQ04360), POE mode, X-plane.
   8) Configuration 8: External Directional Panel antenna (model WS-AI-DD05120), POE mode, X-plane.

3 Transmitter Test Results

3.1 Conducted Emissions

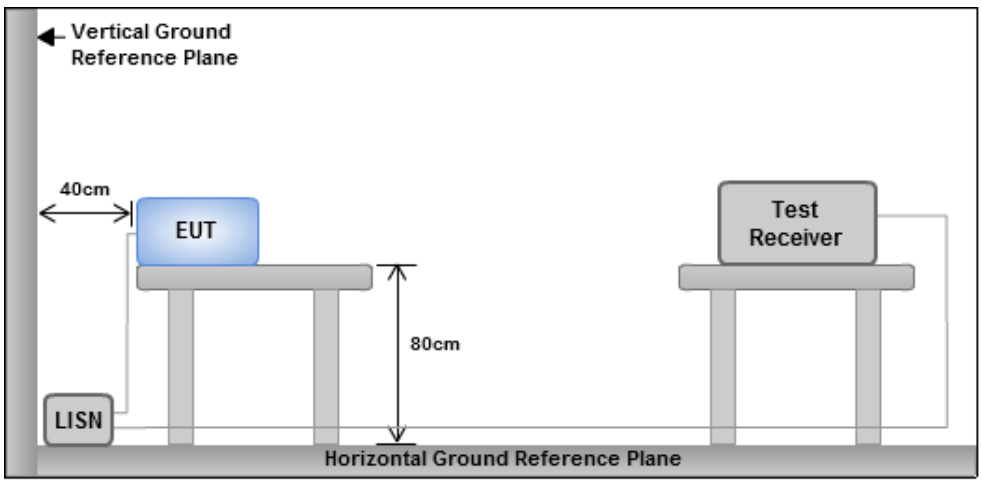
3.1.1 Limit of Conducted Emissions

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

3.1.2 Test Procedures

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

3.1.3 Test Setup

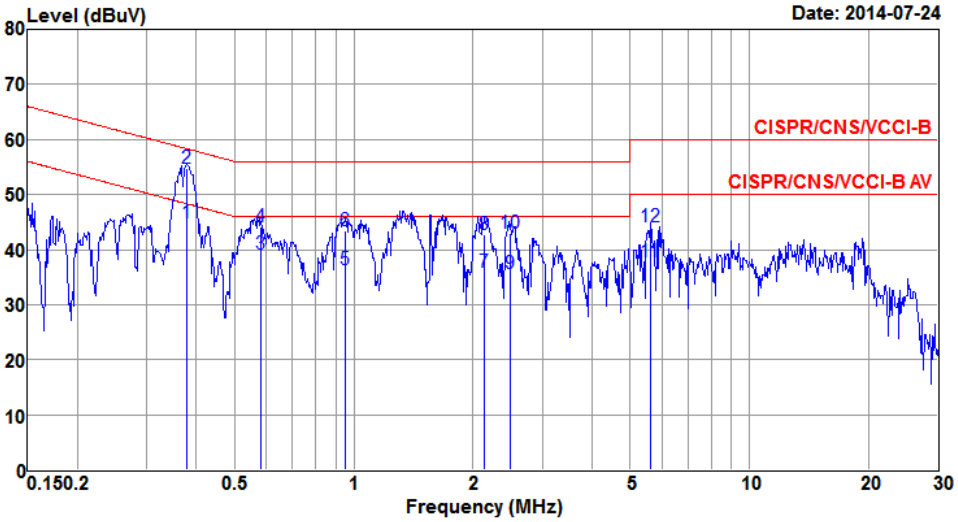


Note: 1. Support units were connected to second LISN.

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

3.1.4 Test Result of Conducted Emissions (Configuration 1: Internal PIFA antenna)

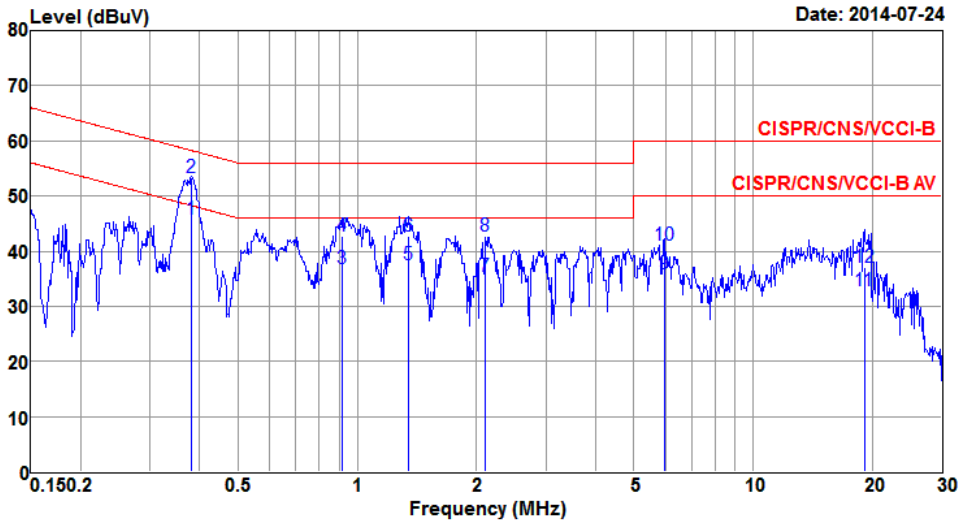
Modulation	VHT40	Test Freq. (MHz)	5270
Power Phase	Line	Configuration	1



	Freq	Level	Limit Line	Over Limit	Read Level	LISN factor	cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1*	0.379	44.88	48.30	-3.42	44.34	0.52	0.02	Average
2	0.379	54.65	58.30	-3.65	54.11	0.52	0.02	QP
3	0.582	39.16	46.00	-6.84	38.46	0.61	0.09	Average
4	0.582	44.24	56.00	-11.76	43.54	0.61	0.09	QP
5	0.948	36.26	46.00	-9.74	35.35	0.72	0.19	Average
6	0.948	43.52	56.00	-12.48	42.61	0.72	0.19	QP
7	2.144	35.98	46.00	-10.02	34.93	1.02	0.03	Average
8	2.144	42.77	56.00	-13.23	41.72	1.02	0.03	QP
9	2.487	35.72	46.00	-10.28	34.63	1.03	0.06	Average
10	2.487	42.88	56.00	-13.12	41.79	1.03	0.06	QP
11	5.623	37.82	50.00	-12.18	36.33	1.30	0.19	Average
12	5.623	44.13	60.00	-15.87	42.64	1.30	0.19	QP

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

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

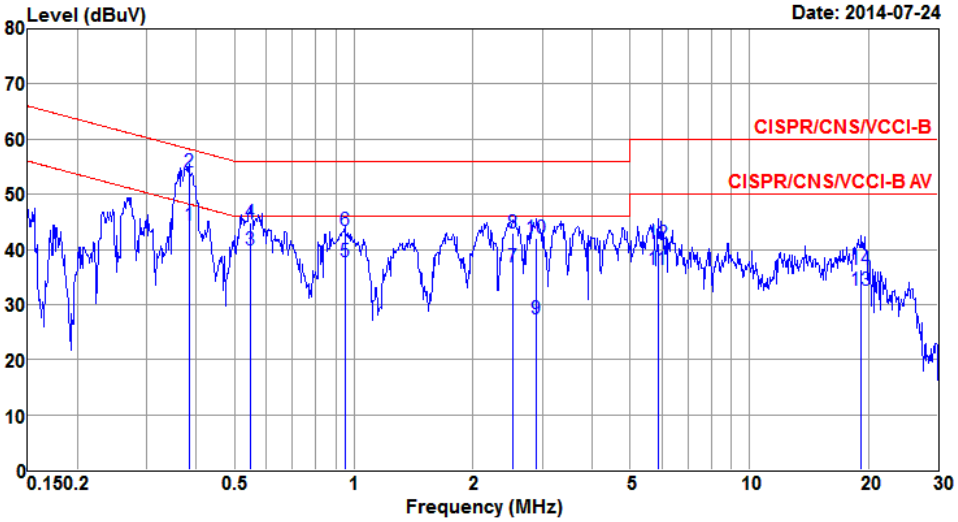


	Freq	Level	Limit Line	Over Limit	Read Level	LISN factor	cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1*	0.381	45.69	48.25	-2.56	45.07	0.60	0.02	Average
2	0.381	53.45	58.25	-4.80	52.83	0.60	0.02	QP
3	0.914	36.78	46.00	-9.22	35.82	0.78	0.18	Average
4	0.914	42.65	56.00	-13.35	41.69	0.78	0.18	QP
5	1.352	37.56	46.00	-8.44	36.51	0.93	0.12	Average
6	1.352	42.79	56.00	-13.21	41.74	0.93	0.12	QP
7	2.110	35.40	46.00	-10.60	34.28	1.09	0.03	Average
8	2.110	42.63	56.00	-13.37	41.51	1.09	0.03	QP
9	5.961	35.99	50.00	-14.01	34.41	1.39	0.19	Average
10	5.961	40.99	60.00	-19.01	39.41	1.39	0.19	QP
11	19.122	32.72	50.00	-17.28	29.80	2.54	0.38	Average
12	19.122	37.09	60.00	-22.91	34.17	2.54	0.38	QP

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

3.1.5 Test Result of Conducted Emissions (Configuration 2: External Dipole antenna)

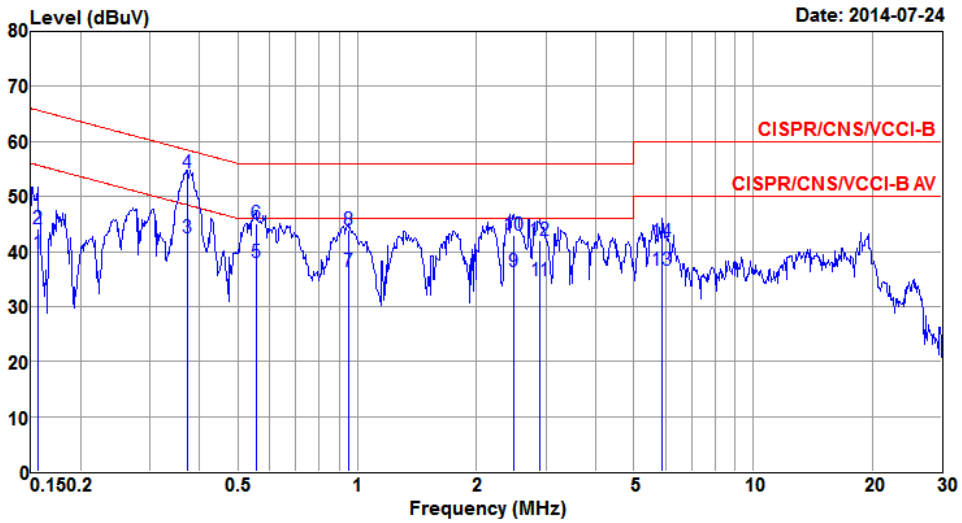
Modulation	VHT40	Test Freq. (MHz)	5270
Power Phase	Line	Configuration	2



	Freq	Level	Limit Line	Over Limit	Read Level	LISN factor	cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1*	0.383	44.44	48.21	-3.77	43.90	0.52	0.02	Average
2	0.383	54.14	58.21	-4.07	53.60	0.52	0.02	QP
3	0.549	39.98	46.00	-6.02	39.30	0.60	0.08	Average
4	0.549	44.82	56.00	-11.18	44.14	0.60	0.08	QP
5	0.948	37.70	46.00	-8.30	36.79	0.72	0.19	Average
6	0.948	43.50	56.00	-12.50	42.59	0.72	0.19	QP
7	2.527	36.83	46.00	-9.17	35.74	1.03	0.06	Average
8	2.527	43.01	56.00	-12.99	41.92	1.03	0.06	QP
9	2.900	27.41	46.00	-18.59	26.28	1.04	0.09	Average
10	2.900	42.05	56.00	-13.95	40.92	1.04	0.09	QP
11	5.867	36.36	50.00	-13.64	34.84	1.33	0.19	Average
12	5.867	41.18	60.00	-18.82	39.66	1.33	0.19	QP
13	19.224	32.62	50.00	-17.38	30.16	2.07	0.39	Average
14	19.224	36.43	60.00	-23.57	33.97	2.07	0.39	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	Configuration	2

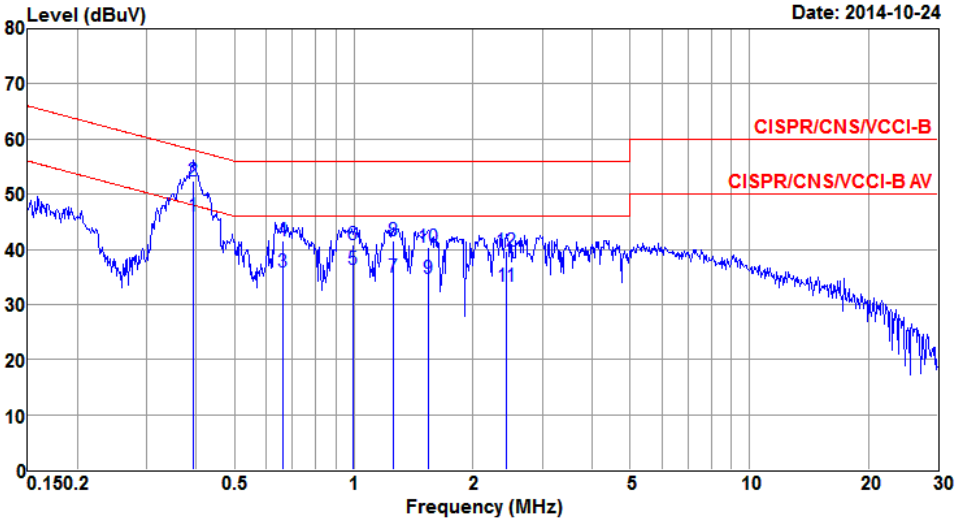


	Freq	Level	Limit Line	Over Limit	Read Level	LISN factor	cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1	0.156	39.56	55.69	-16.13	39.05	0.49	0.02	Average
2	0.156	44.23	65.69	-21.46	43.72	0.49	0.02	QP
3	0.373	42.56	48.43	-5.87	41.94	0.60	0.02	Average
4*	0.373	54.26	58.43	-4.17	53.64	0.60	0.02	QP
5	0.555	38.10	46.00	-7.90	37.34	0.68	0.08	Average
6	0.555	45.17	56.00	-10.83	44.41	0.68	0.08	QP
7	0.953	36.34	46.00	-9.66	35.36	0.79	0.19	Average
8	0.953	43.80	56.00	-12.20	42.82	0.79	0.19	QP
9	2.487	36.30	46.00	-9.70	35.14	1.10	0.06	Average
10	2.487	42.87	56.00	-13.13	41.71	1.10	0.06	QP
11	2.900	34.66	46.00	-11.34	33.46	1.11	0.09	Average
12	2.900	42.12	56.00	-13.88	40.92	1.11	0.09	QP
13	5.898	36.52	50.00	-13.48	34.95	1.38	0.19	Average
14	5.898	41.73	60.00	-18.27	40.16	1.38	0.19	QP

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

3.1.6 Test Result of Conducted Emissions (Configuration 3: External Directional Panel antenna (model WS-AI-DQ04360)

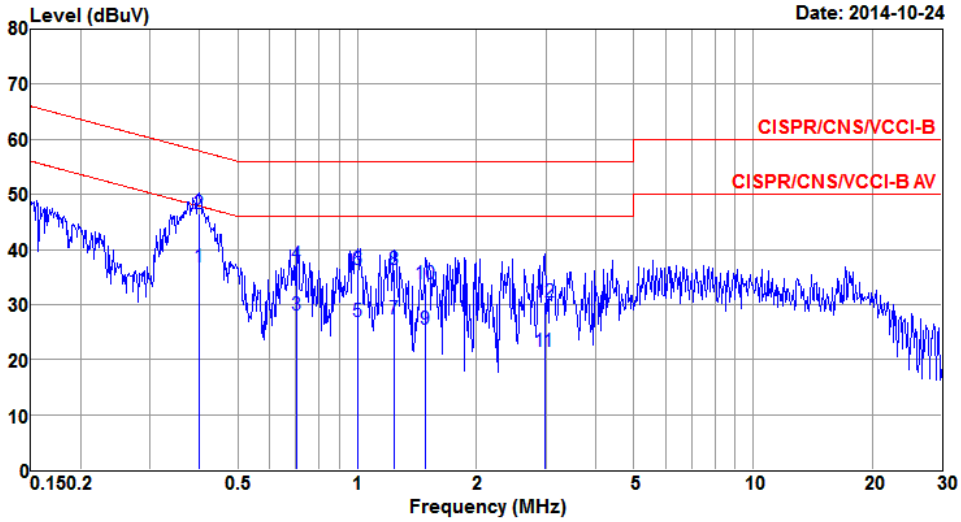
Modulation	VHT40	Test Freq. (MHz)	5270
Power Phase	Line	Configuration	3



	Freq	Level	Limit Line	Over Limit	Read Level	LISN factor	cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1*	0.393	45.93	47.99	-2.06	45.38	0.53	0.02	Average
2	0.393	52.42	57.99	-5.57	51.87	0.53	0.02	QP
3	0.661	35.99	46.00	-10.01	35.33	0.64	0.02	Average
4	0.661	41.63	56.00	-14.37	40.97	0.64	0.02	QP
5	0.992	36.41	46.00	-9.59	35.66	0.73	0.02	Average
6	0.992	40.81	56.00	-15.19	40.06	0.73	0.02	QP
7	1.255	35.04	46.00	-10.96	34.20	0.82	0.02	Average
8	1.255	41.65	56.00	-14.35	40.81	0.82	0.02	QP
9	1.544	34.61	46.00	-11.39	33.69	0.90	0.02	Average
10	1.544	40.45	56.00	-15.55	39.53	0.90	0.02	QP
11	2.435	33.23	46.00	-12.77	32.14	1.03	0.06	Average
12	2.435	39.77	56.00	-16.23	38.68	1.03	0.06	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	Configuration	3

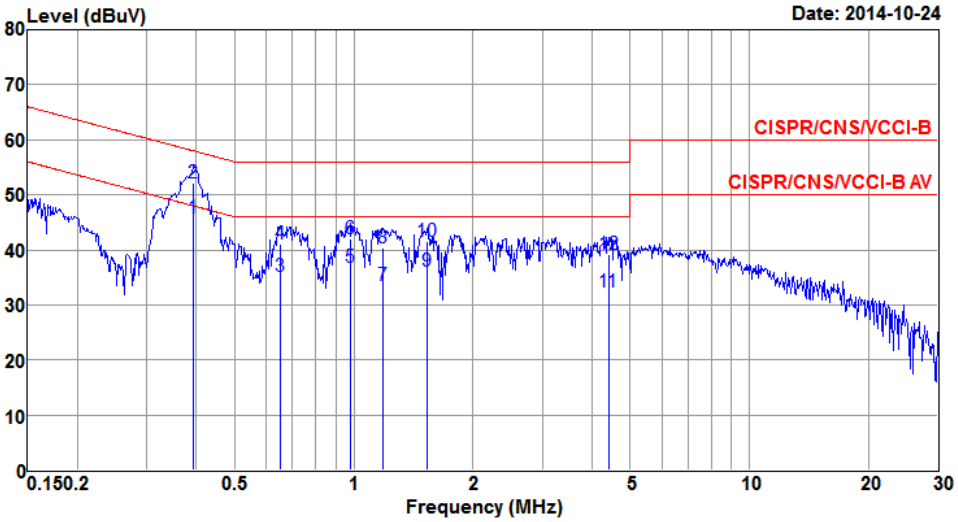


	Freq	Level	Limit Line	Over Limit	Read Level	LISN factor	cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1*	0.398	36.86	47.90	-11.04	36.23	0.61	0.02	Average
2	0.398	46.50	57.90	-11.40	45.87	0.61	0.02	QP
3	0.701	28.15	46.00	-17.85	27.40	0.73	0.02	Average
4	0.701	37.34	56.00	-18.66	36.59	0.73	0.02	QP
5	1.005	26.81	46.00	-19.19	25.99	0.80	0.02	Average
6	1.005	36.36	56.00	-19.64	35.54	0.80	0.02	QP
7	1.242	27.29	46.00	-18.71	26.38	0.89	0.02	Average
8	1.242	36.34	56.00	-19.66	35.43	0.89	0.02	QP
9	1.487	25.41	46.00	-20.59	24.42	0.97	0.02	Average
10	1.487	33.65	56.00	-22.35	32.66	0.97	0.02	QP
11	2.978	21.47	46.00	-24.53	20.27	1.11	0.09	Average
12	2.978	30.49	56.00	-25.51	29.29	1.11	0.09	QP

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

3.1.7 Test Result of Conducted Emissions (Configuration 4: External Directional Panel antenna (model WS-AI-DD05120)

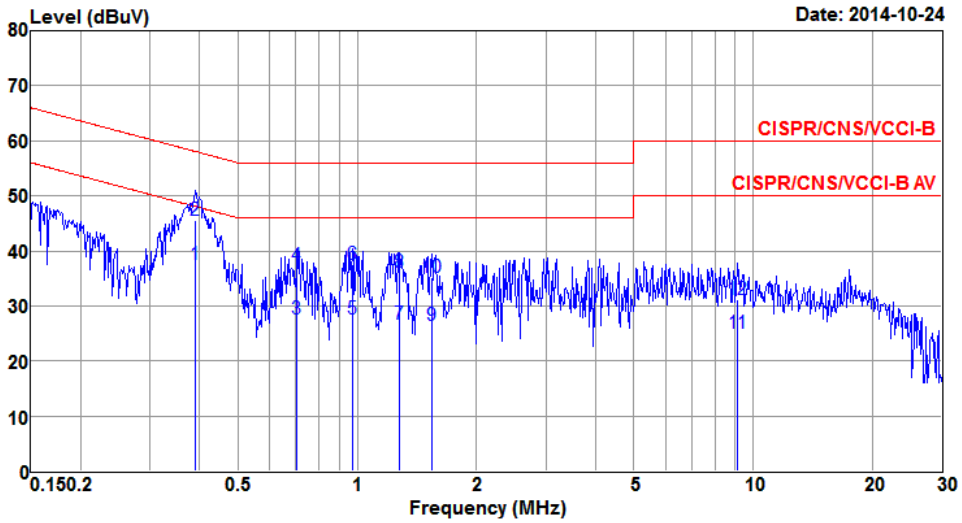
Modulation	VHT40	Test Freq. (MHz)	5270
Power Phase	Line	Configuration	4



	Freq	Level	Limit Line	Over Limit	Read Level	LISN factor	cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1*	0.393	45.78	47.99	-2.21	45.23	0.53	0.02	Average
2	0.393	52.24	57.99	-5.75	51.69	0.53	0.02	QP
3	0.651	35.28	46.00	-10.72	34.62	0.64	0.02	Average
4	0.651	41.08	56.00	-14.92	40.42	0.64	0.02	QP
5	0.979	36.83	46.00	-9.17	36.09	0.72	0.02	Average
6	0.979	42.06	56.00	-13.94	41.32	0.72	0.02	QP
7	1.184	33.43	46.00	-12.57	32.61	0.80	0.02	Average
8	1.184	40.36	56.00	-15.64	39.54	0.80	0.02	QP
9	1.527	36.15	46.00	-9.85	35.23	0.90	0.02	Average
10	1.527	41.57	56.00	-14.43	40.65	0.90	0.02	QP
11	4.407	32.32	46.00	-13.68	31.02	1.14	0.16	Average
12	4.407	39.09	56.00	-16.91	37.79	1.14	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	Configuration	4

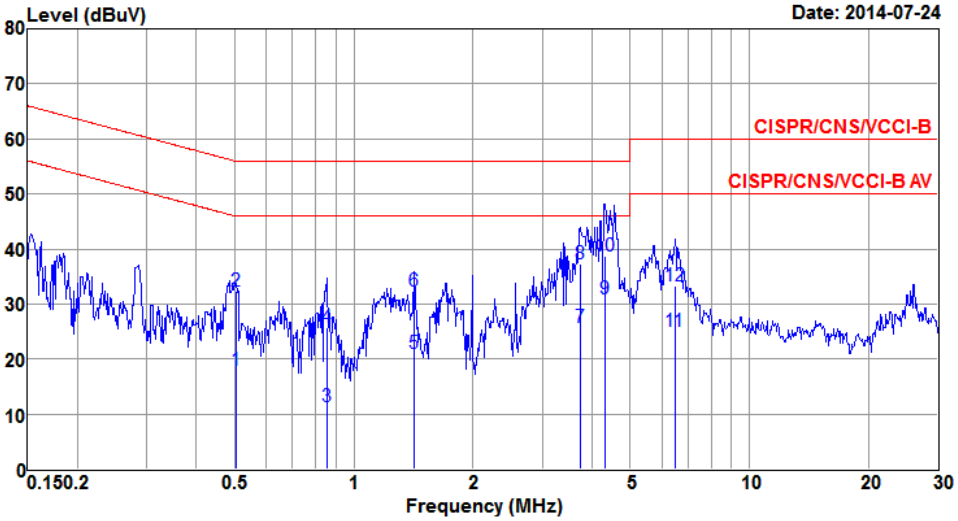


	Freq	Level	Limit Line	Over Limit	Read Level	LISN factor	cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1*	0.389	37.58	48.08	-10.50	36.95	0.61	0.02	Average
2	0.389	45.66	58.08	-12.42	45.03	0.61	0.02	QP
3	0.705	27.65	46.00	-18.35	26.90	0.73	0.02	Average
4	0.705	37.26	56.00	-18.74	36.51	0.73	0.02	QP
5	0.974	27.53	46.00	-18.47	26.72	0.79	0.02	Average
6	0.974	37.62	56.00	-18.38	36.81	0.79	0.02	QP
7	1.282	26.74	46.00	-19.26	25.82	0.90	0.02	Average
8	1.282	36.00	56.00	-20.00	35.08	0.90	0.02	QP
9	1.544	26.52	46.00	-19.48	25.52	0.98	0.02	Average
10	1.544	35.11	56.00	-20.89	34.11	0.98	0.02	QP
11	9.156	24.96	50.00	-25.04	23.06	1.66	0.24	Average
12	9.156	31.13	60.00	-28.87	29.23	1.66	0.24	QP

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

3.1.8 Test Result of Conducted Emissions (Configuration 5: Internal PIFA antenna)

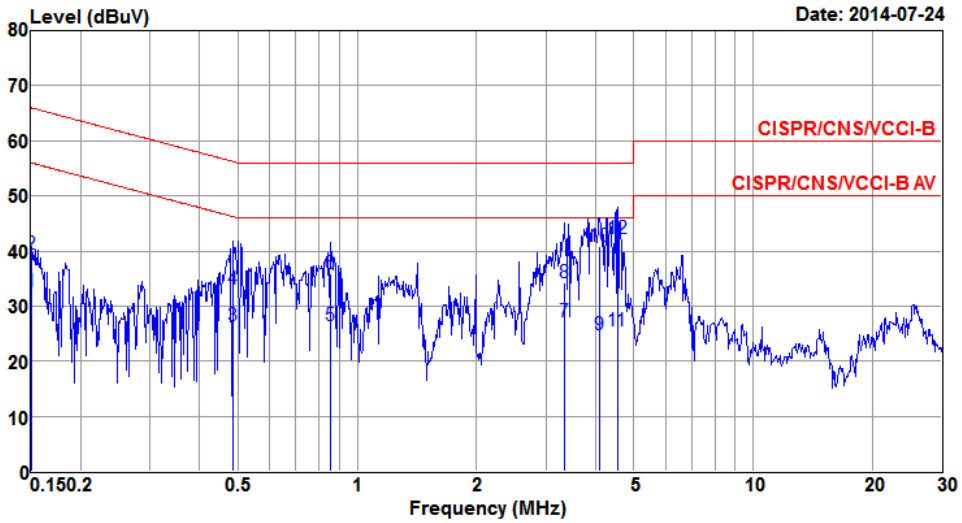
Modulation	VHT40	Test Freq. (MHz)	5270
Power Phase	Line	Configuration	5



	Freq	Level	Limit Line	Over Limit	Read Level	LISN factor	cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1	0.505	18.04	46.00	-27.96	17.40	0.58	0.06	Average
2	0.505	32.43	56.00	-23.57	31.79	0.58	0.06	QP
3	0.853	11.42	46.00	-34.58	10.56	0.69	0.17	Average
4	0.853	25.69	56.00	-30.31	24.83	0.69	0.17	QP
5	1.426	21.03	46.00	-24.97	20.05	0.87	0.11	Average
6	1.426	32.36	56.00	-23.64	31.38	0.87	0.11	QP
7	3.740	25.80	46.00	-20.20	24.60	1.06	0.14	Average
8	3.740	37.36	56.00	-18.64	36.16	1.06	0.14	QP
9*	4.315	30.83	46.00	-15.17	29.55	1.12	0.16	Average
10	4.315	38.64	56.00	-17.36	37.36	1.12	0.16	QP
11	6.488	24.91	50.00	-25.09	23.31	1.40	0.20	Average
12	6.488	33.29	60.00	-26.71	31.69	1.40	0.20	QP

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

Modulation	VHT40	Test Freq. (MHz)	5270
Power Phase	Neutral	Configuration	5

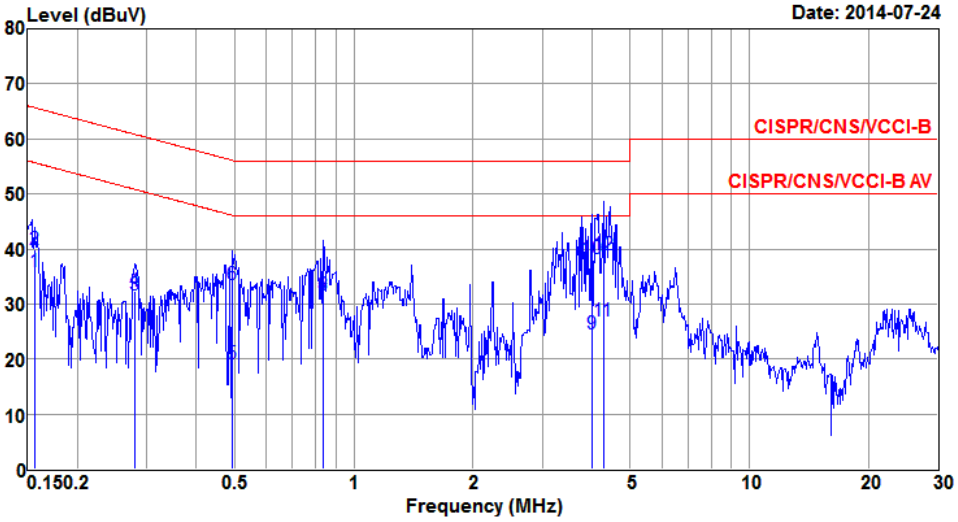


	Freq	Level	Limit Line	Over Limit	Read Level	LISN factor	cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1	0.151	32.55	55.96	-23.41	32.04	0.49	0.02	Average
2	0.151	39.31	65.96	-26.65	38.80	0.49	0.02	QP
3	0.486	26.34	46.23	-19.89	25.63	0.65	0.06	Average
4	0.486	33.08	56.23	-23.15	32.37	0.65	0.06	QP
5	0.853	26.37	46.00	-19.63	25.43	0.77	0.17	Average
6	0.853	35.92	56.00	-20.08	34.98	0.77	0.17	QP
7	3.346	27.10	46.00	-18.90	25.86	1.12	0.12	Average
8	3.346	34.25	56.00	-21.75	33.01	1.12	0.12	QP
9	4.092	24.80	46.00	-21.20	23.51	1.14	0.15	Average
10	4.092	40.77	56.00	-15.23	39.48	1.14	0.15	QP
11	4.549	25.61	46.00	-20.39	24.24	1.21	0.16	Average
12*	4.549	42.27	56.00	-13.73	40.90	1.21	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).

3.1.9 Test Result of Conducted Emissions (Configuration 6: External Dipole antenna)

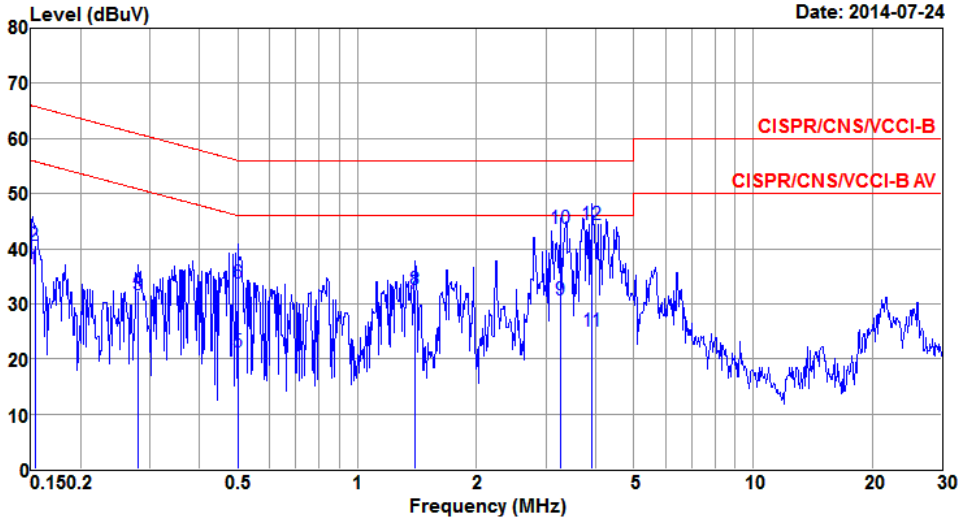
Modulation	VHT40	Test Freq. (MHz)	5270
Power Phase	Line	Configuration	6



	Freq	Level	Limit Line	Over Limit	Read Level	LISN factor	cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1	0.156	35.95	55.69	-19.74	35.52	0.41	0.02	Average
2	0.156	39.85	65.69	-25.84	39.42	0.41	0.02	QP
3	0.279	31.59	50.85	-19.26	31.11	0.47	0.01	Average
4	0.279	32.32	60.85	-28.53	31.84	0.47	0.01	QP
5	0.494	19.03	46.10	-27.07	18.39	0.58	0.06	Average
6	0.494	33.44	56.10	-22.66	32.80	0.58	0.06	QP
7*	0.839	30.56	46.00	-15.44	29.71	0.69	0.16	Average
8	0.839	31.73	56.00	-24.27	30.88	0.69	0.16	QP
9	4.006	24.46	46.00	-21.54	23.24	1.07	0.15	Average
10	4.006	38.32	56.00	-17.68	37.10	1.07	0.15	QP
11	4.269	26.87	46.00	-19.13	25.60	1.11	0.16	Average
12	4.269	38.99	56.00	-17.01	37.72	1.11	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	Configuration	6

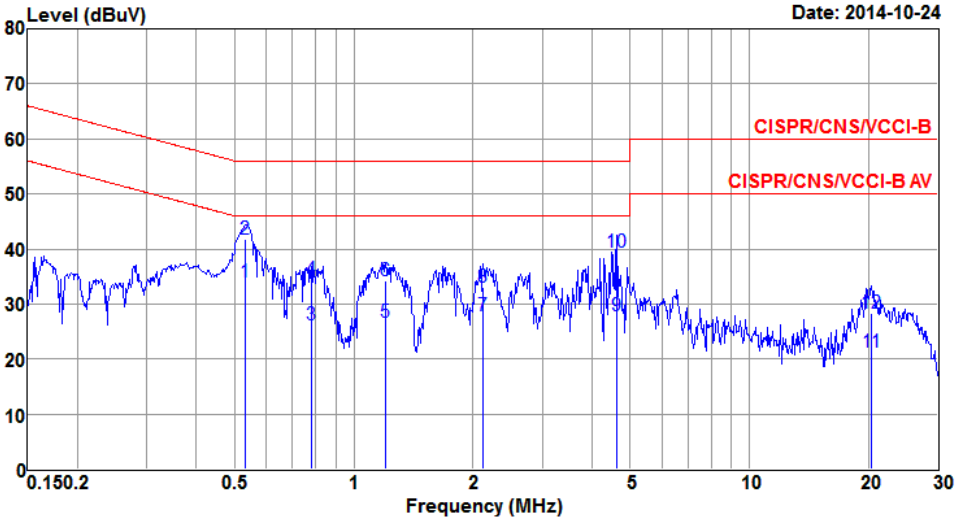


	Freq	Level	Limit Line	Over Limit	Read Level	LISN factor	cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1	0.153	36.43	55.82	-19.39	35.92	0.49	0.02	Average
2	0.153	40.66	65.82	-25.16	40.15	0.49	0.02	QP
3	0.279	31.67	50.85	-19.18	31.10	0.56	0.01	Average
4	0.279	32.42	60.85	-28.43	31.85	0.56	0.01	QP
5	0.499	21.17	46.01	-24.84	20.45	0.66	0.06	Average
6	0.499	33.71	56.01	-22.30	32.99	0.66	0.06	QP
7	1.403	31.76	46.00	-14.24	30.71	0.94	0.11	Average
8	1.403	32.48	56.00	-23.52	31.43	0.94	0.11	QP
9	3.258	30.77	46.00	-15.23	29.54	1.12	0.11	Average
10	3.258	43.73	56.00	-12.27	42.50	1.12	0.11	QP
11	3.922	25.04	46.00	-20.96	23.76	1.13	0.15	Average
12*	3.922	44.32	56.00	-11.68	43.04	1.13	0.15	QP

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

3.1.10 Test Result of Conducted Emissions (Configuration 7: External Directional Panel antenna (model WS-AI-DQ04360)

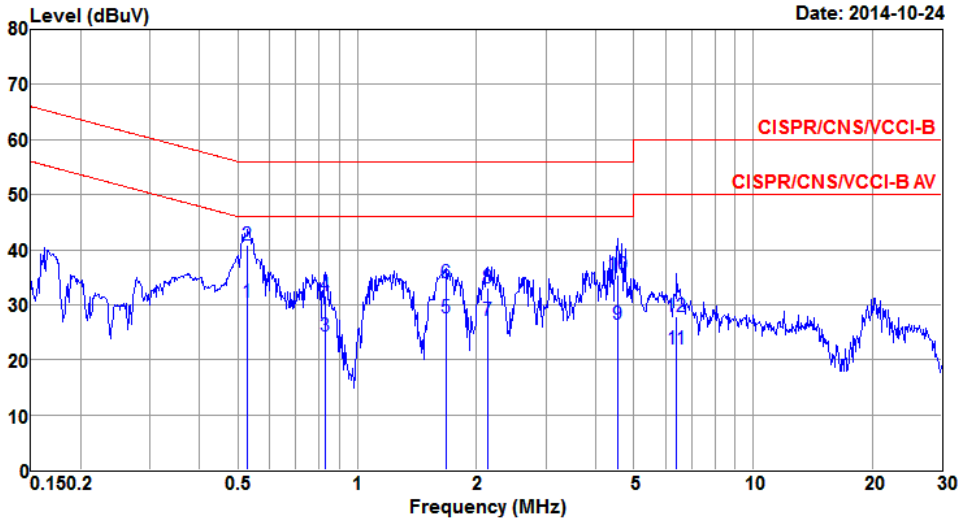
Modulation	VHT40	Test Freq. (MHz)	5270
Power Phase	Line	Configuration	7



	Freq	Level	Limit Line	Over Limit	Read Level	LISN factor	cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1*	0.532	33.88	46.00	-12.12	33.27	0.59	0.02	Average
2	0.532	41.72	56.00	-14.28	41.11	0.59	0.02	QP
3	0.779	26.18	46.00	-19.82	25.48	0.68	0.02	Average
4	0.779	34.52	56.00	-21.48	33.82	0.68	0.02	QP
5	1.203	26.75	46.00	-19.25	25.92	0.81	0.02	Average
6	1.203	34.29	56.00	-21.71	33.46	0.81	0.02	QP
7	2.121	27.78	46.00	-18.22	26.74	1.01	0.03	Average
8	2.121	32.95	56.00	-23.05	31.91	1.01	0.03	QP
9	4.622	27.76	46.00	-18.24	26.43	1.16	0.17	Average
10	4.622	39.48	56.00	-16.52	38.15	1.16	0.17	QP
11	20.377	21.18	50.00	-28.82	18.69	2.09	0.40	Average
12	20.377	28.29	60.00	-31.71	25.80	2.09	0.40	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	Configuration	7

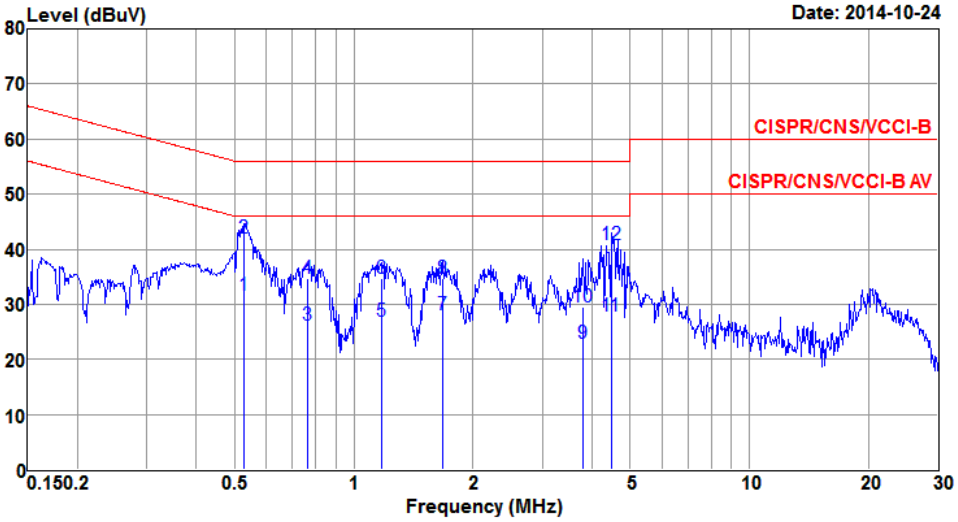


	Freq	Level	Limit Line	Over Limit	Read Level	LISN factor	cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1	0.529	30.47	46.00	-15.53	29.78	0.67	0.02	Average
2*	0.529	40.88	56.00	-15.12	40.19	0.67	0.02	QP
3	0.830	24.27	46.00	-21.73	23.49	0.76	0.02	Average
4	0.830	31.65	56.00	-24.35	30.87	0.76	0.02	QP
5	1.671	27.73	46.00	-18.27	26.70	1.01	0.02	Average
6	1.671	34.01	56.00	-21.99	32.98	1.01	0.02	QP
7	2.144	27.19	46.00	-18.81	26.07	1.09	0.03	Average
8	2.144	33.11	56.00	-22.89	31.99	1.09	0.03	QP
9	4.549	26.55	46.00	-19.45	25.18	1.21	0.16	Average
10	4.549	35.42	56.00	-20.58	34.05	1.21	0.16	QP
11	6.420	22.06	50.00	-27.94	20.43	1.43	0.20	Average
12	6.420	27.77	60.00	-32.23	26.14	1.43	0.20	QP

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

3.1.11 Test Result of Conducted Emissions (Configuration 8: External Directional Panel antenna (model WS-AI-DD05120)

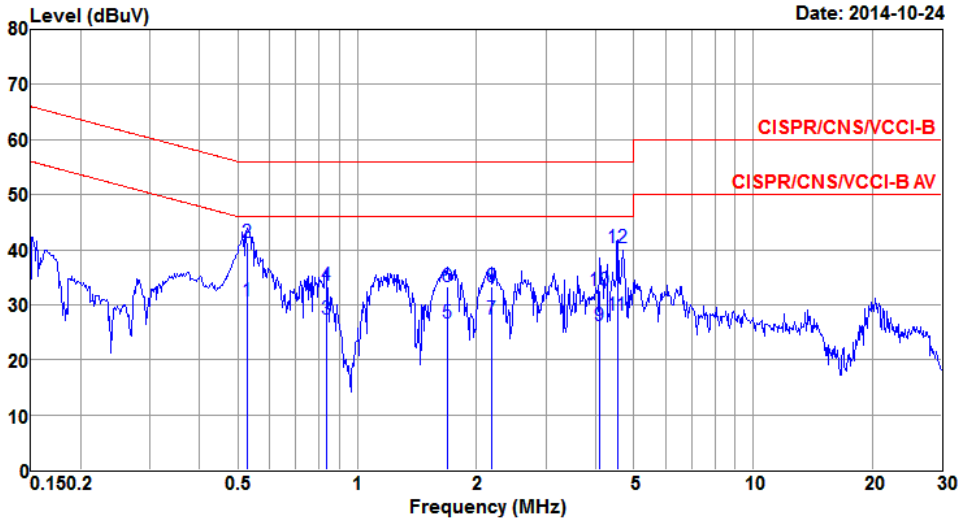
Modulation	VHT40	Test Freq. (MHz)	5270
Power Phase	Line	Configuration	8



	Freq	Level	Limit Line	Over Limit	Read Level	LISN factor	cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1	0.529	31.52	46.00	-14.48	30.91	0.59	0.02	Average
2*	0.529	42.04	56.00	-13.96	41.43	0.59	0.02	QP
3	0.763	26.27	46.00	-19.73	25.58	0.67	0.02	Average
4	0.763	34.65	56.00	-21.35	33.96	0.67	0.02	QP
5	1.172	26.92	46.00	-19.08	26.11	0.79	0.02	Average
6	1.172	34.58	56.00	-21.42	33.77	0.79	0.02	QP
7	1.671	28.03	46.00	-17.97	27.07	0.94	0.02	Average
8	1.671	34.74	56.00	-21.26	33.78	0.94	0.02	QP
9	3.799	22.87	46.00	-23.13	21.66	1.07	0.14	Average
10	3.799	29.63	56.00	-26.37	28.42	1.07	0.14	QP
11	4.478	27.80	46.00	-18.20	26.49	1.15	0.16	Average
12	4.478	40.89	56.00	-15.11	39.58	1.15	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	Configuration	8



	Freq	Level	Limit Line	Over Limit	Read Level	LISN factor	cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1	0.529	30.70	46.00	-15.30	30.01	0.67	0.02	Average
2*	0.529	41.26	56.00	-14.74	40.57	0.67	0.02	QP
3	0.835	27.40	46.00	-18.60	26.62	0.76	0.02	Average
4	0.835	33.57	56.00	-22.43	32.79	0.76	0.02	QP
5	1.689	26.71	46.00	-19.29	25.67	1.02	0.02	Average
6	1.689	33.39	56.00	-22.61	32.35	1.02	0.02	QP
7	2.190	27.39	46.00	-18.61	26.25	1.10	0.04	Average
8	2.190	33.17	56.00	-22.83	32.03	1.10	0.04	QP
9	4.092	26.31	46.00	-19.69	25.02	1.14	0.15	Average
10	4.092	32.65	56.00	-23.35	31.36	1.14	0.15	QP
11	4.549	28.16	46.00	-17.84	26.79	1.21	0.16	Average
12	4.549	40.46	56.00	-15.54	39.09	1.21	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 Test Procedures

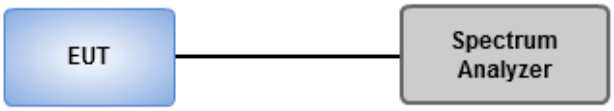
26dB Bandwidth

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

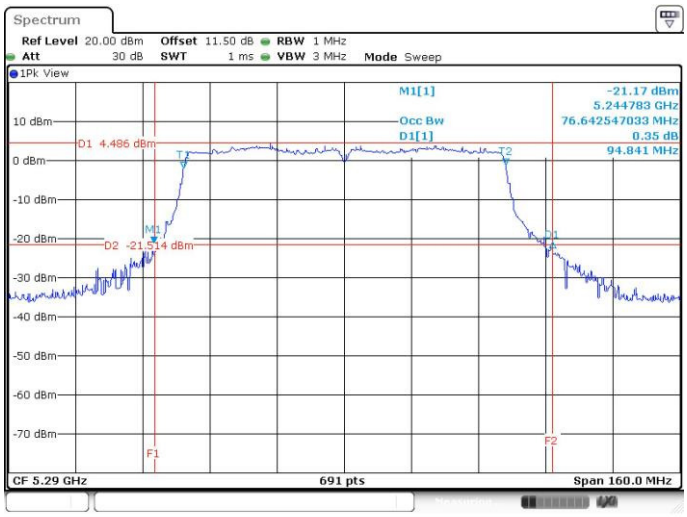
3.2.2 Test Setup



3.2.3 Test Result of Emission Bandwidth (Configuration 1: Internal PIFA antenna)

Emission Bandwidth									
Mode	N_{TX}	Freq. (MHz)	26dB Bandwidth (MHz)			99% Bandwidth (MHz)			Power Limit (dBm)
			Chain 0	Chain 1	Chain 2	Chain 0	Chain 1	Chain 2	
11a	2	5260	23.36	22.32	---	17.13	16.85	---	24.00
11a	2	5300	23.36	22.32	---	17.08	16.79	---	24.00
11a	2	5320	25.10	22.67	---	17.13	16.85	---	24.00
VHT20	2	5260	24.70	24.12	---	18.23	18.12	---	24.00
VHT20	2	5300	24.46	23.77	---	18.23	18.18	---	24.00
VHT20	2	5320	24.64	24.12	---	18.23	18.12	---	24.00
VHT40	2	5270	49.28	46.38	---	37.86	37.40	---	24.00
VHT40	2	5310	49.51	54.49	---	37.51	37.40	---	24.00
VHT80	2	5290	94.84	90.67	---	76.64	76.41	---	24.00
11a	2	5500	23.07	23.13	---	17.02	16.85	---	24.00
11a	2	5580	23.19	22.43	---	17.08	16.85	---	24.00
11a	2	5700	23.30	22.61	---	17.08	16.85	---	24.00
VHT20	2	5500	24.29	24.17	---	18.23	18.12	---	24.00
VHT20	2	5580	24.12	24.52	---	18.18	18.12	---	24.00
VHT20	2	5700	24.06	24.06	---	18.06	18.12	---	24.00
VHT40	2	5510	49.39	47.19	---	37.63	37.40	---	24.00
VHT40	2	5550	49.28	47.42	---	37.74	37.63	---	24.00
VHT40	2	5670	50.09	51.36	---	37.74	37.28	---	24.00
VHT80	2	5530	93.22	89.97	---	76.41	76.18	---	24.00

Worst Plots


Spectrum
Ref Level 20.00 dBm Offset 11.50 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Sweep
1Pk View
M1[1] -21.17 dBm
5.244783 GHz
Occ Bw 76.642547033 MHz
D1[1] 0.35 dB
94.841 MHz
D1 4.486 dBm
D2 -21.514 dBm
10 dBm
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm
CF 5.29 GHz
691 pts
Span 160.0 MHz

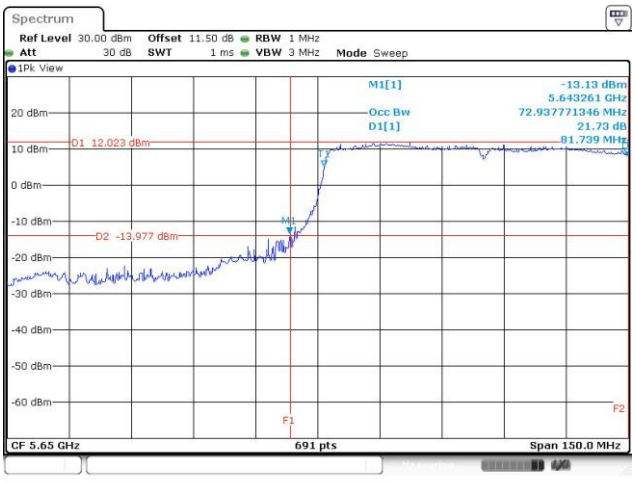
Channel that extends across the 5.725 GHz boundary

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 0	Chain 1	Chain 2	
11a	2	5720	16.82	16.57	---	13.59	13.47	---	23.19
VHT20	2	5720	17.31	17.31	---	14.15	14.02	---	23.38
VHT40	2	5710	39.97	38.15	---	39.94	33.73	---	24.00
VHT80	2	5690	81.74	78.91	---	72.94	72.72	---	24.00

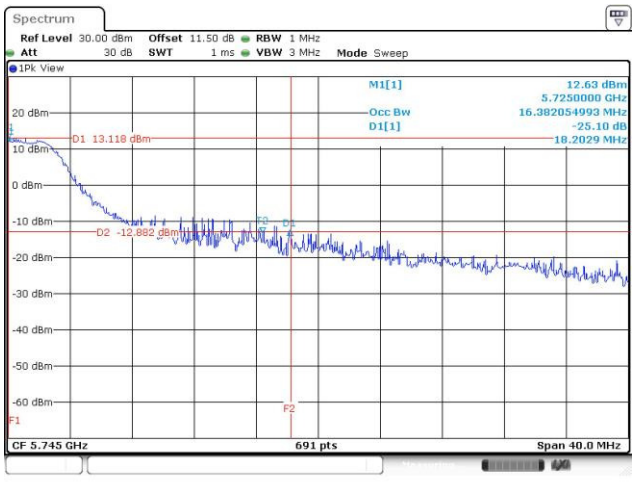
UNII Emission Bandwidth Result (Extends across 5725MHz band)								
Mode	N_{TX}	Freq. (MHz)	26dB Bandwidth (MHz)			99% Bandwidth (MHz)		
			Chain 0	Chain 1	Chain 2	Chain 0	Chain 1	Chain 2
11a	2	5720	6.78	6.17	---	5.01	4.67	---
VHT20	2	5720	7.24	7.52	---	5.30	5.10	---
VHT40	2	5710	15.94	18.20	---	15.92	16.38	---
VHT80	2	5690	14.43	12.52	---	46.02	48.36	---

Worst Plots

Within 5470-5725MHz band



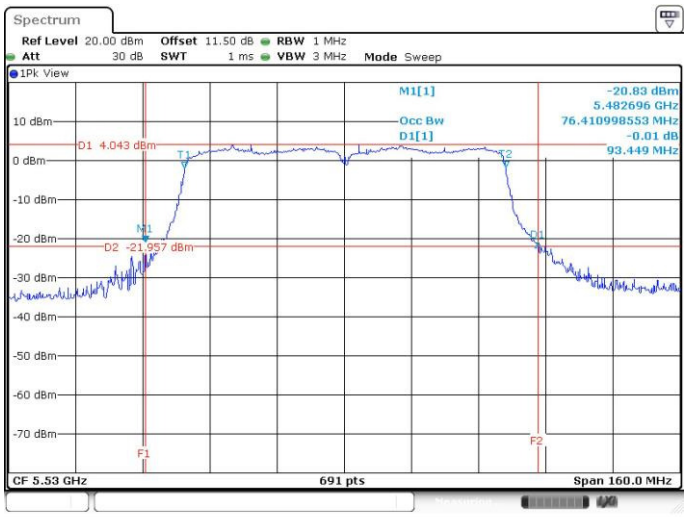
Extends across 5725MHz band



3.2.4 Test Result of Emission Bandwidth (Configuration 2: External Dipole antenna)

Emission Bandwidth									
Mode	N_{TX}	Freq. (MHz)	26dB Bandwidth (MHz)			99% Bandwidth (MHz)			Power Limit (dBm)
			Chain 0	Chain 1	Chain 2	Chain 0	Chain 1	Chain 2	
11a	2	5260	23.48	22.26	---	17.19	16.85	---	24.00
11a	2	5300	23.71	22.49	---	17.19	16.85	---	24.00
11a	2	5320	23.65	22.55	---	17.19	16.85	---	24.00
VHT20	2	5260	23.77	24.35	---	18.06	18.06	---	24.00
VHT20	2	5300	24.41	24.93	---	18.29	18.12	---	24.00
VHT20	2	5320	24.41	24.23	---	18.29	18.12	---	24.00
VHT40	2	5270	47.88	46.61	---	37.74	37.40	---	24.00
VHT40	2	5310	47.77	47.07	---	37.63	37.40	---	24.00
VHT80	2	5290	92.29	92.29	---	76.18	76.41	---	24.00
11a	2	5500	23.36	23.19	---	17.13	16.85	---	24.00
11a	2	5580	24.06	24.29	---	17.19	16.96	---	24.00
11a	2	5700	23.94	22.49	---	17.19	16.85	---	24.00
VHT20	2	5500	24.35	24.75	---	18.12	18.12	---	24.00
VHT20	2	5580	24.06	25.62	---	18.12	18.12	---	24.00
VHT20	2	5700	24.23	24.87	---	18.29	18.06	---	24.00
VHT40	2	5510	48.46	49.16	---	37.51	37.40	---	24.00
VHT40	2	5550	57.74	54.26	---	37.74	37.40	---	24.00
VHT40	2	5670	47.30	49.74	---	37.63	37.51	---	24.00
VHT80	2	5530	93.45	93.45	---	76.41	76.41	---	24.00

Worst Plots


Spectrum
Ref Level 20.00 dBm Offset 11.50 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Sweep
1Pk View
M1[1] -20.83 dBm
5.482696 GHz
Occ Bw 76.410998553 MHz
D1[1] -0.01 dB
93.449 MHz
D1 4.043 dBm
D2 -21.957 dBm
10 dBm
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm
T1
T2
M1
F1
F2
CF 5.53 GHz
691 pts
Span 160.0 MHz

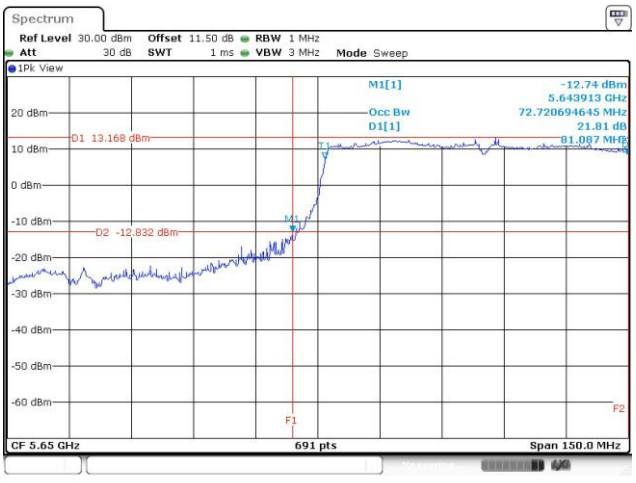
Channel that extends across the 5.725 GHz boundary

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 0	Chain 1	Chain 2	
11a	2	5720	17.25	16.14	---	13.65	13.47	---	23.08
VHT20	2	5720	16.75	18.17	---	14.08	14.21	---	23.24
VHT40	2	5710	39.16	44.23	---	33.73	33.84	---	24.00
VHT80	2	5690	81.09	79.57	---	72.72	72.72	---	24.00

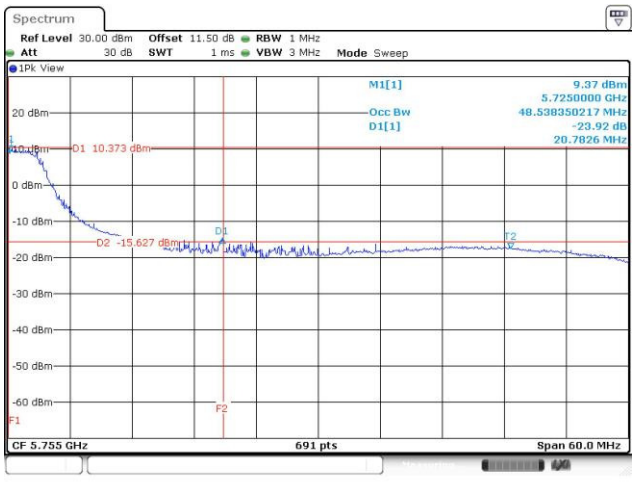
UNII Emission Bandwidth Result (Extends across 5725MHz band)								
Mode	N_{TX}	Freq. (MHz)	26dB Bandwidth (MHz)			99% Bandwidth (MHz)		
			Chain 0	Chain 1	Chain 2	Chain 0	Chain 1	Chain 2
11a	2	5720	6.98	6.35	---	5.14	5.01	---
VHT20	2	5720	7.26	9.50	---	5.47	5.88	---
VHT40	2	5710	12.00	17.04	---	10.71	17.02	---
VHT80	2	5690	14.35	20.78	---	44.28	48.54	---

Worst Plots

Within 5470-5725MHz band



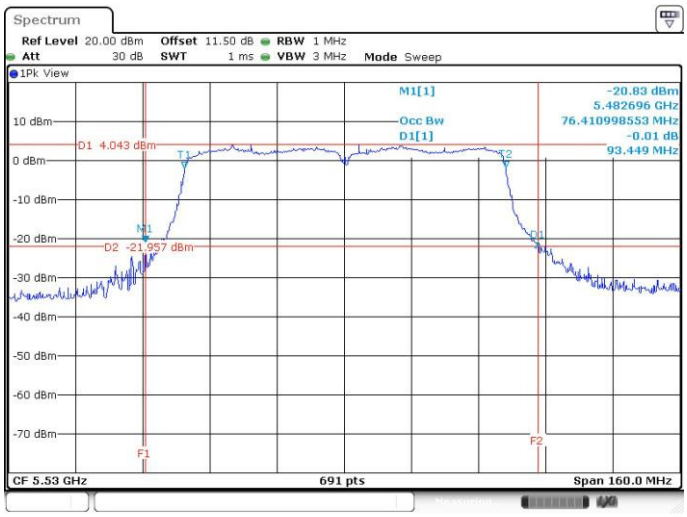
Extends across 5725MHz band



3.2.5 Test Result of Emission Bandwidth (Configuration 3: External Directional Panel antenna (model WS-AI-DQ04360)

Emission Bandwidth									
Mode	N_{TX}	Freq. (MHz)	26dB Bandwidth (MHz)			99% Bandwidth (MHz)			Power Limit (dBm)
			Chain 0	Chain 1	Chain 2	Chain 0	Chain 1	Chain 2	
11a	2	5260	23.65	22.55	---	17.02	16.85	---	24.00
11a	2	5300	23.01	22.78	---	17.02	16.85	---	24.00
11a	2	5320	23.30	22.61	---	17.19	16.85	---	24.00
VHT20	2	5260	24.46	23.77	---	18.29	18.18	---	24.00
VHT20	2	5300	24.12	23.94	---	18.06	18.06	---	24.00
VHT20	2	5320	24.17	24.29	---	18.06	18.00	---	24.00
VHT40	2	5270	48.12	46.73	---	37.74	37.28	---	24.00
VHT40	2	5310	48.58	47.54	---	37.74	37.51	---	24.00
VHT80	2	5290	92.52	92.52	---	76.41	76.41	---	24.00
11a	2	5500	23.48	22.03	---	17.13	16.79	---	24.00
11a	2	5580	23.48	22.20	---	17.13	16.85	---	24.00
11a	2	5700	23.65	22.96	---	17.08	16.90	---	24.00
VHT20	2	5500	23.83	24.46	---	18.12	18.06	---	24.00
VHT20	2	5580	24.00	24.75	---	18.18	18.12	---	24.00
VHT20	2	5700	24.46	24.06	---	18.29	18.06	---	24.00
VHT40	2	5510	47.77	48.58	---	37.40	37.40	---	24.00
VHT40	2	5550	47.54	49.39	---	37.63	37.51	---	24.00
VHT40	2	5670	48.93	48.00	---	37.63	37.28	---	24.00
VHT80	2	5530	93.45	93.45	---	76.41	76.41	---	24.00

Worst Plots

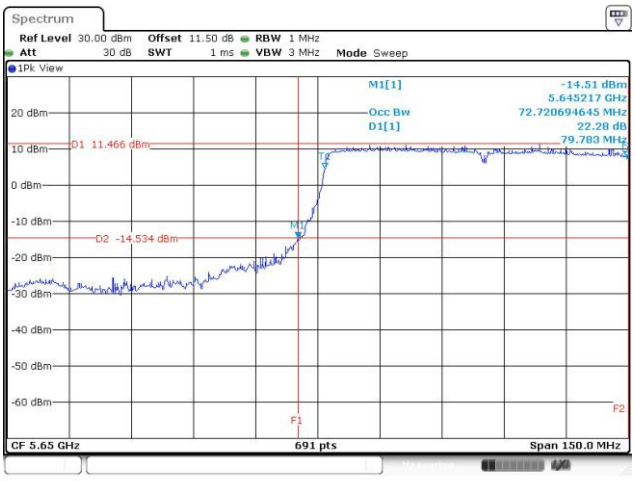
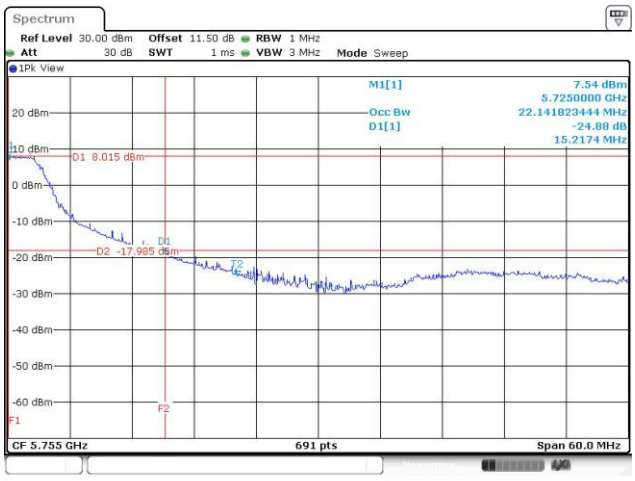

Spectrum
Ref Level 20.00 dBm Offset 11.50 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Sweep
1Pk View
M1[1] -20.83 dBm
5.482696 GHz
Occ Bw 76.410998553 MHz
D1[1] -0.01 dB
93.449 MHz
D1 4.043 dBm
D2 -21.957 dBm
10 dBm
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm
T1
T2
M1
F1
F2
CF 5.53 GHz
691 pts
Span 160.0 MHz

Channel that extends across the 5.725 GHz boundary

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 0	Chain 1	Chain 2	
11a	2	5720	16.57	16.38	---	13.53	13.47	---	23.14
VHT20	2	5720	17.25	17.06	---	14.02	14.08	---	23.32
VHT40	2	5710	39.16	39.65	---	33.73	33.73	---	24.00
VHT80	2	5690	79.35	79.78	---	72.72	72.72	---	24.00

UNII Emission Bandwidth Result (Extends across 5725MHz band)								
Mode	N_{TX}	Freq. (MHz)	26dB Bandwidth (MHz)			99% Bandwidth (MHz)		
			Chain 0	Chain 1	Chain 2	Chain 0	Chain 1	Chain 2
11a	2	5720	6.76	6.35	---	5.01	4.62	---
VHT20	2	5720	7.04	7.00	---	5.32	5.14	---
VHT40	2	5710	11.13	13.45	---	8.16	12.97	---
VHT80	2	5690	14.17	15.22	---	16.06	22.14	---

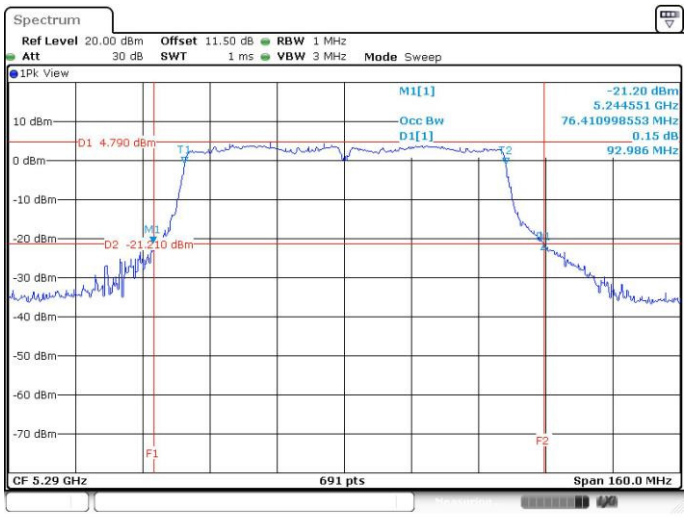
Worst Plots

Within 5470-5725MHz band	Extends across 5725MHz band
	

3.2.6 Test Result of Emission Bandwidth (Configuration 4: External Directional Panel antenna (model WS-AI-DD05120)

Emission Bandwidth									
Mode	N_{TX}	Freq. (MHz)	26dB Bandwidth (MHz)			99% Bandwidth (MHz)			Power Limit (dBm)
			Chain 0	Chain 1	Chain 2	Chain 0	Chain 1	Chain 2	
11a	2	5260	22.78	21.74	---	16.85	16.61	---	24.00
11a	2	5300	22.96	21.80	---	16.96	16.73	---	24.00
11a	2	5320	22.61	21.97	---	16.79	16.61	---	24.00
VHT20	2	5260	22.78	22.90	---	18.06	17.89	---	24.00
VHT20	2	5300	23.65	23.42	---	18.12	17.89	---	24.00
VHT20	2	5320	23.36	23.01	---	17.83	17.89	---	24.00
VHT40	2	5270	46.49	44.99	---	37.28	37.05	---	24.00
VHT40	2	5310	44.99	45.80	---	37.05	36.93	---	24.00
VHT80	2	5290	92.99	92.06	---	76.41	76.64	---	24.00
11a	2	5500	22.32	21.86	---	16.85	16.73	---	24.00
11a	2	5580	22.14	21.86	---	16.85	16.67	---	24.00
11a	2	5700	23.01	22.09	---	16.85	16.73	---	24.00
VHT20	2	5500	23.48	24.00	---	18.00	17.95	---	24.00
VHT20	2	5580	23.36	22.90	---	18.00	17.95	---	24.00
VHT20	2	5700	23.77	23.65	---	18.06	17.89	---	24.00
VHT40	2	5510	48.46	49.16	---	37.51	37.40	---	24.00
VHT40	2	5550	57.74	54.26	---	37.74	37.40	---	24.00
VHT40	2	5670	47.30	49.74	---	37.63	37.51	---	24.00
VHT80	2	5530	92.75	89.74	---	76.18	76.41	---	24.00

Worst Plots


Spectrum
Ref Level 20.00 dBm Offset 11.50 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Sweep
1Pk View
M1[1] -21.20 dBm
5.244551 GHz
Occ Bw 76.410998553 MHz
D1[1] 0.15 dB
92.986 MHz
D1 4.790 dBm
D2 -21.210 dBm
10 dBm
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm
CF 5.29 GHz
691 pts
Span 160.0 MHz

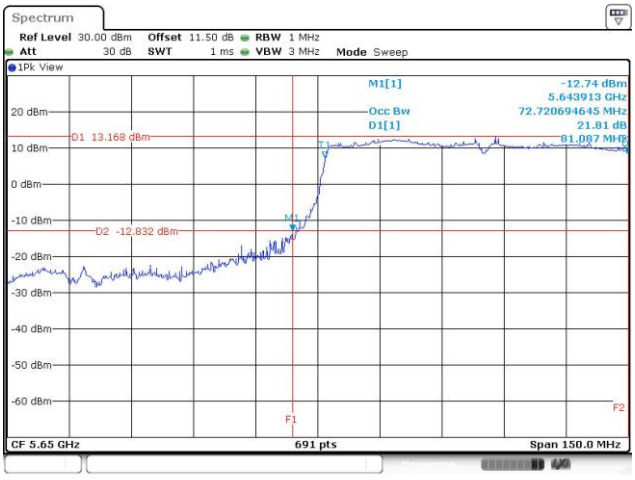
Channel that extends across the 5.725 GHz boundary

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 0	Chain 1	Chain 2	
11a	2	5720	16.75	16.38	---	13.59	13.47	---	23.14
VHT20	2	5720	17.12	17.00	---	14.08	14.15	---	23.30
VHT40	2	5710	39.16	44.23	---	33.73	33.84	---	24.00
VHT80	2	5690	81.09	79.57	---	72.72	72.72	---	24.00

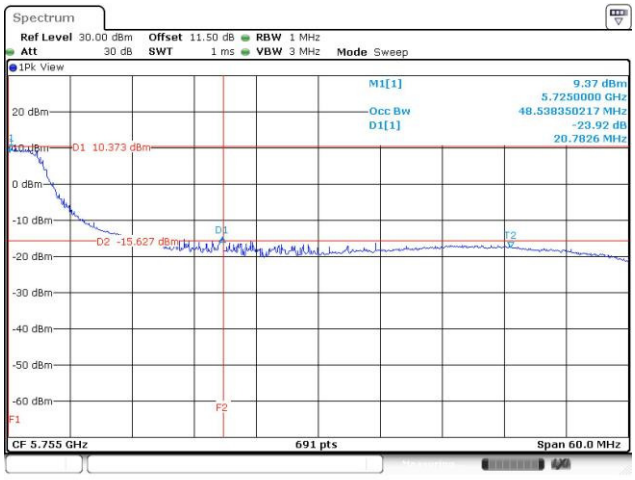
UNII Emission Bandwidth Result (Extends across 5725MHz band)								
Mode	N_{TX}	Freq. (MHz)	26dB Bandwidth (MHz)			99% Bandwidth (MHz)		
			Chain 0	Chain 1	Chain 2	Chain 0	Chain 1	Chain 2
11a	2	5720	6.70	6.37	---	5.01	4.75	---
VHT20	2	5720	7.22	7.28	---	5.34	5.30	---
VHT40	2	5710	12.00	17.04	---	10.71	17.02	---
VHT80	2	5690	14.35	20.78	---	44.28	48.54	---

Worst Plots

Within 5470-5725MHz band



Extends across 5725MHz band



3.3 RF Output Power

3.3.1 Limit of RF Output Power

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

3.3.2 Test Procedures

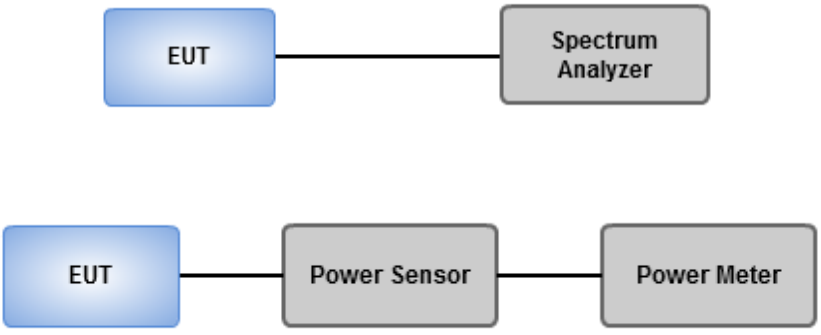
☒ Power meter (For channel that does not extends across the 5.725 GHz boundary)

☒ 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 (Configuration 1: Internal PIFA antenna)

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	18.17	17.89	---	---	127.132	21.04	24.00
11a	2	5300	18.12	17.9	---	---	126.523	21.02	24.00
11a	2	5320	18.27	18.14	---	---	132.306	21.22	24.00
HT20	2	5260	18.55	18.24	---	---	138.295	21.41	24.00
HT20	2	5300	18.62	18.25	---	---	139.612	21.45	24.00
HT20	2	5320	18.21	18.04	---	---	129.901	21.14	24.00
HT40	2	5270	21.09	20.36	---	---	237.171	23.75	24.00
HT40	2	5310	18.36	17.95	---	---	130.922	21.17	24.00
VHT20	2	5260	18.69	18.38	---	---	142.826	21.55	24.00
VHT20	2	5300	18.71	18.4	---	---	143.485	21.57	24.00
VHT20	2	5320	18.36	18.11	---	---	133.263	21.25	24.00
VHT40	2	5270	21.17	20.45	---	---	241.836	23.84	24.00
VHT40	2	5310	18.44	18.04	---	---	133.503	21.25	24.00
VHT80	2	5290	13.27	13.19	---	---	42.077	16.24	24.00
11a	2	5500	17.32	16.91	---	---	103.042	20.13	24.00
11a	2	5580	17.88	17.15	---	---	113.256	20.54	24.00
11a	2	5700	17.84	17.09	---	---	111.982	20.49	24.00
HT20	2	5500	17.95	17.58	---	---	119.653	20.78	24.00
HT20	2	5580	18.29	17.68	---	---	126.067	21.01	24.00
HT20	2	5700	17.85	17.04	---	---	111.536	20.47	24.00
HT40	2	5510	15.48	15.66	---	---	72.131	18.58	24.00
HT40	2	5550	20.43	20.31	---	---	217.807	23.38	24.00
HT40	2	5670	19.32	19.15	---	---	167.731	22.25	24.00
VHT20	2	5500	18.06	17.68	---	---	122.587	20.88	24.00
VHT20	2	5580	18.40	17.81	---	---	129.578	21.13	24.00
VHT20	2	5700	17.96	17.12	---	---	114.040	20.57	24.00
VHT40	2	5510	15.57	15.73	---	---	73.469	18.66	24.00
VHT40	2	5550	20.58	20.39	---	---	223.683	23.50	24.00
VHT40	2	5670	19.44	19.27	---	---	172.430	22.37	24.00
VHT80	2	5530	13.84	13.92	---	---	48.871	16.89	24.00

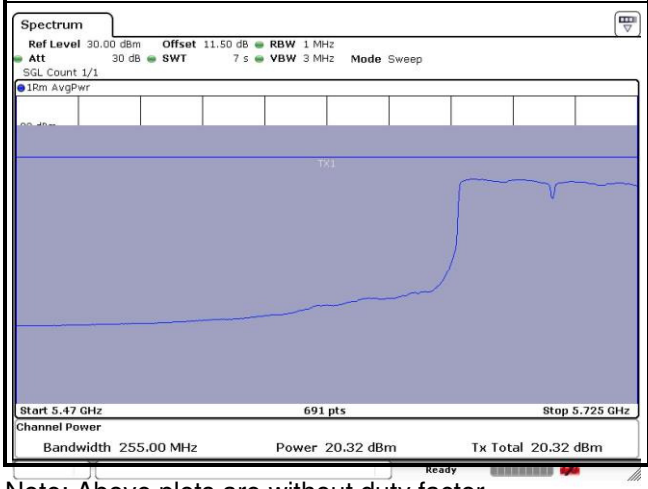
Channel that extends across the 5.725 GHz boundary

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	16.97	16.21	---	---	19.62	0.00	91.557	19.62	23.19
HT20	2	5720	16.35	16.38	---	---	19.38	0.00	86.603	19.38	23.38
HT40	2	5710	20.31	19.62	---	---	22.99	0.23	209.845	23.22	24.00
VHT20	2	5720	17.08	16.08	---	---	19.62	0.00	91.601	19.62	23.38
VHT40	2	5710	20.31	19.88	---	---	23.11	0.23	215.805	23.34	24.00
VHT80	2	5690	20.32	19.77	---	---	23.06	0.53	228.771	23.59	24.00

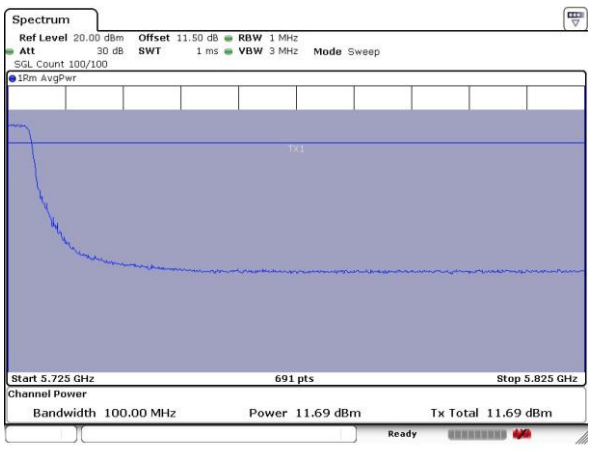
Maximum Conducted Output Power (Extends across 5725MHz band)											
Mode	N_{TX}	Freq. (MHz)	Conducted Power without duty factor					Duty factor (dB)	Total Power (mW)	Total Power (dBm)	Limit (dBm)
			Chain 0	Chain 1	Chain 2	Chain 3	Total Power (dBm)				
11a	2	5720	11.29	10.04	---	---	13.72	0.00	23.551	13.72	30.00
HT20	2	5720	11.21	10.10	---	---	13.70	0.00	23.446	13.70	30.00
HT40	2	5710	9.03	9.02	---	---	12.04	0.23	16.847	12.27	30.00
VHT20	2	5720	11.69	10.91	---	---	14.33	0.00	27.088	14.33	30.00
VHT40	2	5710	9.19	9.06	---	---	12.14	0.23	17.242	12.37	30.00
VHT80	2	5690	5.04	4.91	---	---	7.99	0.53	7.105	8.52	30.00

Worst Channel Power Plots

Within 5470-5725MHz band



Extends across 5725MHz band



Note: Above plots are without duty factor.

3.3.5 Test Result of Maximum Conducted Output Power (Configuration 2: External Dipole antenna)

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	20.15	20.21	---	---	208.468	23.19	24.00
11a	2	5300	20.12	20.34	---	---	210.945	23.24	24.00
11a	2	5320	20.14	20.45	---	---	214.194	23.31	24.00
HT20	2	5260	19.95	20.34	---	---	206.999	23.16	24.00
HT20	2	5300	19.92	20.31	---	---	205.574	23.13	24.00
HT20	2	5320	19.42	19.86	---	---	184.326	22.66	24.00
HT40	2	5270	20.92	20.58	---	---	237.883	23.76	24.00
HT40	2	5310	16.92	17.24	---	---	102.170	20.09	24.00
VHT20	2	5260	20.06	20.49	---	---	213.335	23.29	24.00
VHT20	2	5300	20.09	20.43	---	---	212.502	23.27	24.00
VHT20	2	5320	19.51	19.97	---	---	188.642	22.76	24.00
VHT40	2	5270	21.09	20.69	---	---	245.748	23.90	24.00
VHT40	2	5310	17.05	17.35	---	---	105.024	20.21	24.00
VHT80	2	5290	15.57	15.74	---	---	73.555	18.67	24.00
11a	2	5500	20.01	20.21	---	---	205.185	23.12	24.00
11a	2	5580	20.03	20.31	---	---	208.092	23.18	24.00
11a	2	5700	19.34	19.56	---	---	176.266	22.46	24.00
HT20	2	5500	19.45	19.74	---	---	182.294	22.61	24.00
HT20	2	5580	20.25	20.36	---	---	214.568	23.32	24.00
HT20	2	5700	18.74	19.06	---	---	155.355	21.91	24.00
HT40	2	5510	15.26	15.41	---	---	68.327	18.35	24.00
HT40	2	5550	20.68	20.69	---	---	234.169	23.70	24.00
HT40	2	5670	19.45	19.71	---	---	181.645	22.59	24.00
VHT20	2	5500	19.59	19.81	---	---	186.711	22.71	24.00
VHT20	2	5580	20.34	20.47	---	---	219.573	23.42	24.00
VHT20	2	5700	18.81	19.14	---	---	158.068	21.99	24.00
VHT40	2	5510	15.38	15.56	---	---	70.489	18.48	24.00
VHT40	2	5550	20.76	20.79	---	---	239.074	23.79	24.00
VHT40	2	5670	19.57	19.83	---	---	186.734	22.71	24.00
VHT80	2	5530	12.43	12.69	---	---	36.077	15.57	24.00

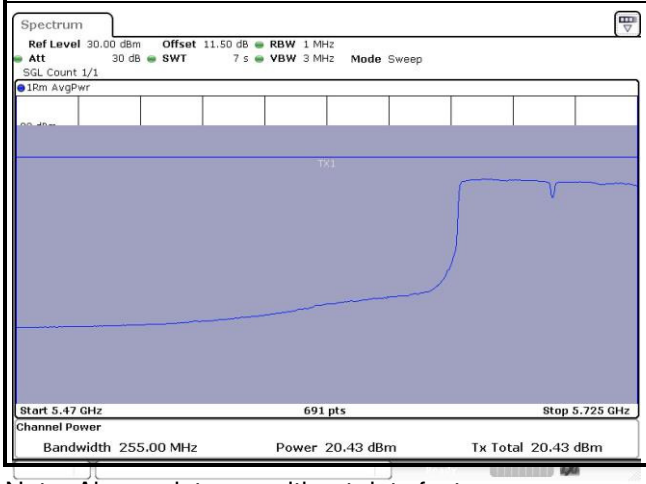
Channel that extends across the 5.725 GHz boundary

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	19.09	19.16	---	---	22.14	0.00	163.510	22.14	23.08
HT20	2	5720	19.16	19.65	---	---	22.42	0.00	174.671	22.42	23.24
HT40	2	5710	19.70	20.27	---	---	23.00	0.23	210.603	23.23	24.00
VHT20	2	5720	19.48	19.42	---	---	22.46	0.00	176.214	22.46	23.24
VHT40	2	5710	19.75	20.30	---	---	23.04	0.23	212.520	23.27	24.00
VHT80	2	5690	19.85	20.43	---	---	23.16	0.53	233.882	23.69	24.00

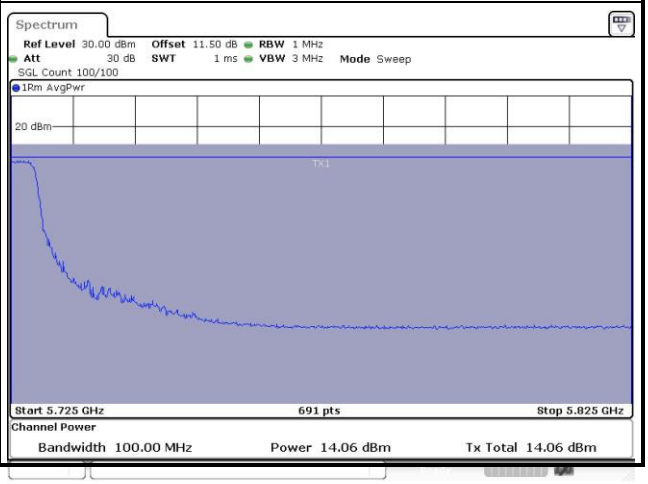
Maximum Conducted Output Power (Extends across 5725MHz band)											
Mode	N_{TX}	Freq. (MHz)	Conducted Power without duty factor					Duty factor (dB)	Total Power (mW)	Total Power (dBm)	Limit (dBm)
			Chain 0	Chain 1	Chain 2	Chain 3	Total Power (dBm)				
11a	2	5720	13.05	12.83	---	---	15.95	0.00	39.370	15.95	30.00
HT20	2	5720	13.69	13.93	---	---	16.82	0.00	48.106	16.82	30.00
HT40	2	5710	8.65	8.56	---	---	11.62	0.23	15.295	11.85	30.00
VHT20	2	5720	13.59	14.06	---	---	16.84	0.00	48.324	16.84	30.00
VHT40	2	5710	8.49	9.29	---	---	11.92	0.23	16.401	12.15	30.00
VHT80	2	5690	8.49	9.05	---	---	11.79	0.53	17.058	12.32	30.00

Worst Channel Power Plots

Within 5470-5725MHz band



Extends across 5725MHz band



Note: Above plots are without duty factor.

3.3.6 Test Result of Maximum Conducted Output Power (Configuration 3: External Directional Panel antenna (model WS-AI-DQ04360)

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	16.66	17.02	---	---	96.695	19.85	23.00
11a	2	5300	16.65	17.04	---	---	96.821	19.86	23.00
11a	2	5320	16.78	17.25	---	---	100.732	20.03	23.00
HT20	2	5260	17.02	17.56	---	---	107.366	20.31	23.00
HT20	2	5300	16.75	17.22	---	---	100.038	20.00	23.00
HT20	2	5320	16.88	17.26	---	---	101.964	20.08	23.00
HT40	2	5270	19.66	19.45	---	---	180.575	22.57	23.00
HT40	2	5310	15.21	15.06	---	---	65.252	18.15	23.00
VHT20	2	5260	17.1	17.62	---	---	109.096	20.38	23.00
VHT20	2	5300	16.81	17.28	---	---	101.430	20.06	23.00
VHT20	2	5320	16.95	17.34	---	---	103.745	20.16	23.00
VHT40	2	5270	19.72	19.53	---	---	183.499	22.64	23.00
VHT40	2	5310	15.26	15.13	---	---	66.157	18.21	23.00
VHT80	2	5290	12.23	12.15	---	---	33.117	15.20	23.00
11a	2	5500	16.56	16.75	---	---	92.605	19.67	23.00
11a	2	5580	16.52	16.68	---	---	91.433	19.61	23.00
11a	2	5700	16.45	16.83	---	---	92.352	19.65	23.00
HT20	2	5500	16.87	17.15	---	---	100.521	20.02	23.00
HT20	2	5580	17.04	17.38	---	---	105.284	20.22	23.00
HT20	2	5700	17.16	17.18	---	---	104.239	20.18	23.00
HT40	2	5510	14.46	14.53	---	---	56.305	17.51	23.00
HT40	2	5550	19.41	19.44	---	---	175.199	22.44	23.00
HT40	2	5670	18.79	18.92	---	---	153.666	21.87	23.00
VHT20	2	5500	16.95	17.22	---	---	102.268	20.10	23.00
VHT20	2	5580	17.11	17.45	---	---	106.995	20.29	23.00
VHT20	2	5700	17.21	17.25	---	---	105.690	20.24	23.00
VHT40	2	5510	14.51	14.62	---	---	57.222	17.58	23.00
VHT40	2	5550	19.49	19.52	---	---	178.457	22.52	23.00
VHT40	2	5670	18.86	19.03	---	---	156.896	21.96	23.00
VHT80	2	5530	12.43	12.69	---	---	36.077	15.57	23.00

Note: The antenna gain is 7dBi higher than 6dBi, so the limit of output power shall be reduced by 1dB.

Channel that extends across the 5.725 GHz boundary

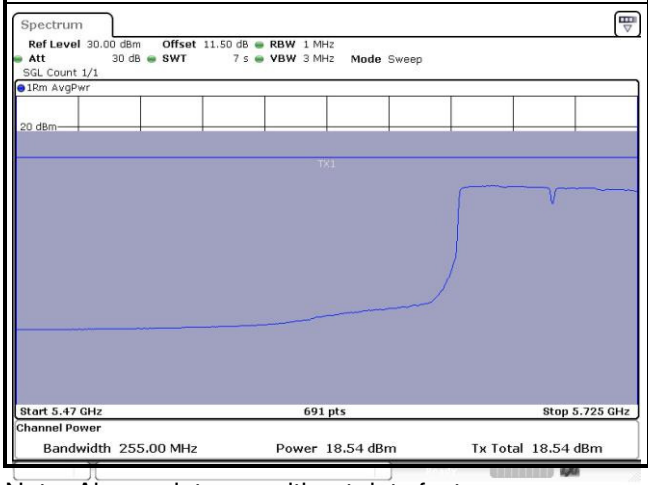
Maximum Conducted Output Power (Within 5470-5725MHz band)											
Mode	N_{TX}	Freq. (MHz)	Conducted Power without duty factor					Duty factor (dB)	Total Power (mW)	Total Power (dBm)	Limit (dBm)
			Chain 0	Chain 1	Chain 2	Chain 3	Total Power (dBm)				
11a	2	5720	15.08	15.29	---	---	18.20	0.00	66.017	18.20	22.14
HT20	2	5720	15.79	15.68	---	---	18.75	0.00	74.914	18.75	22.32
HT40	2	5710	17.99	18.54	---	---	21.28	0.23	141.710	21.51	23.00
VHT20	2	5720	15.78	15.72	---	---	18.76	0.00	75.169	18.76	22.32
VHT40	2	5710	18.26	18.50	---	---	21.39	0.23	145.277	21.62	23.00
VHT80	2	5690	18.03	18.54	---	---	21.30	0.53	152.503	21.83	23.00

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	8.79	9.06	---	---	11.94	0.00	15.622	11.94	29.00
HT20	2	5720	10.18	10.00	---	---	13.10	0.00	20.423	13.10	29.00
HT40	2	5710	6.84	7.46	---	---	10.17	0.23	10.968	10.40	29.00
VHT20	2	5720	10.19	10.02	---	---	13.12	0.00	20.493	13.12	29.00
VHT40	2	5710	7.28	7.54	---	---	10.42	0.23	11.620	10.65	29.00
VHT80	2	5690	3.26	3.53	---	---	6.41	0.53	4.940	6.94	29.00

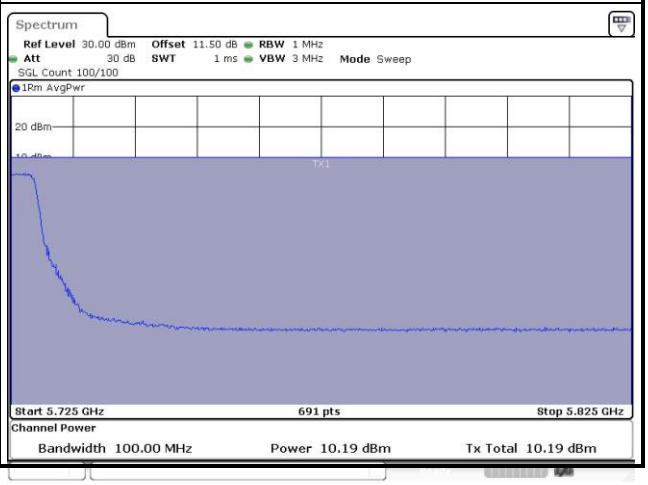
Note: The antenna gain is 7dBi higher than 6dBi, so the limit of output power shall be reduced by 1dB.

Worst Channel Power Plots

Within 5470-5725MHz band



Extends across 5725MHz band



Note: Above plots are without duty factor.

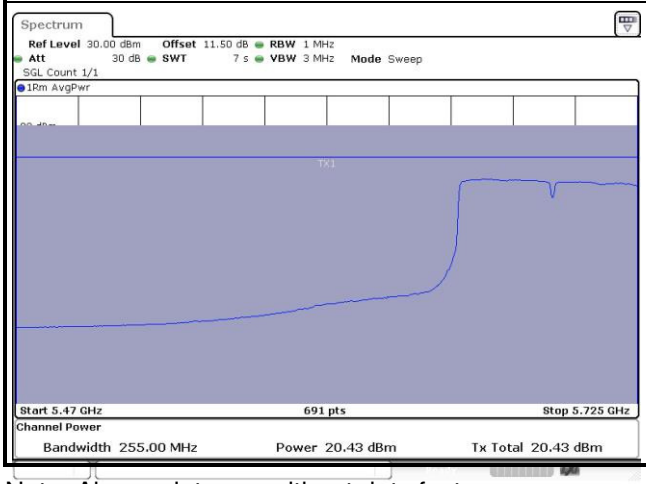
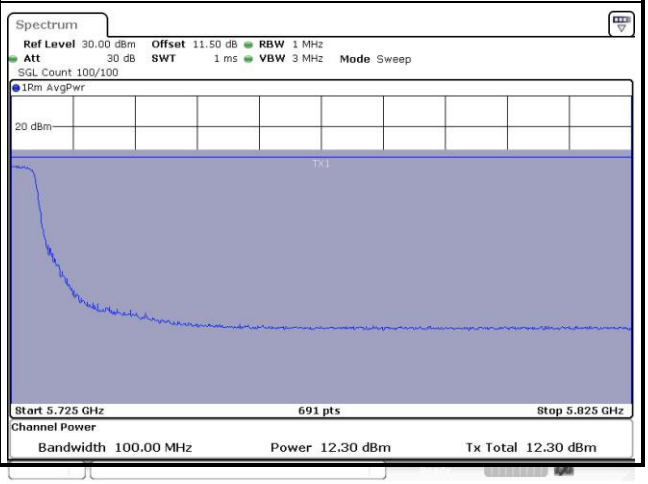
3.3.7 Test Result of Maximum Conducted Output Power (Configuration 4: External Directional Panel antenna (model WS-AI-DD05120)

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	18.68	18.76	---	---	148.953	21.73	24.00
11a	2	5300	18.62	18.71	---	---	147.080	21.68	24.00
11a	2	5320	18.74	18.85	---	---	151.553	21.81	24.00
HT20	2	5260	19.26	19.41	---	---	171.631	22.35	24.00
HT20	2	5300	19.24	19.43	---	---	171.646	22.35	24.00
HT20	2	5320	19.44	19.78	---	---	182.963	22.62	24.00
HT40	2	5270	20.76	20.55	---	---	232.625	23.67	24.00
HT40	2	5310	16.64	16.45	---	---	90.289	19.56	24.00
VHT20	2	5260	19.33	19.46	---	---	174.012	22.41	24.00
VHT20	2	5300	19.32	19.5	---	---	174.632	22.42	24.00
VHT20	2	5320	19.48	19.83	---	---	184.877	22.67	24.00
VHT40	2	5270	20.80	20.66	---	---	236.639	23.74	24.00
VHT40	2	5310	16.72	16.51	---	---	91.761	19.63	24.00
VHT80	2	5290	13.86	13.91	---	---	48.926	16.90	24.00
11a	2	5500	18.75	18.91	---	---	152.793	21.84	24.00
11a	2	5580	18.72	19.01	---	---	154.089	21.88	24.00
11a	2	5700	18.66	18.68	---	---	147.242	21.68	24.00
HT20	2	5500	18.18	18.22	---	---	132.140	21.21	24.00
HT20	2	5580	18.62	18.95	---	---	151.302	21.80	24.00
HT20	2	5700	17.29	17.37	---	---	108.155	20.34	24.00
HT40	2	5510	15.26	15.41	---	---	68.327	18.35	24.00
HT40	2	5550	20.68	20.69	---	---	234.169	23.70	24.00
HT40	2	5670	19.45	19.71	---	---	181.645	22.59	24.00
VHT20	2	5500	18.23	18.26	---	---	133.516	21.26	24.00
VHT20	2	5580	18.67	19.03	---	---	153.604	21.86	24.00
VHT20	2	5700	17.35	17.42	---	---	109.533	20.40	24.00
VHT40	2	5510	15.38	15.56	---	---	70.489	18.48	24.00
VHT40	2	5550	20.76	20.79	---	---	239.074	23.79	24.00
VHT40	2	5670	19.57	19.83	---	---	186.734	22.71	24.00
VHT80	2	5530	13.95	14.10	---	---	50.535	17.04	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	17.46	17.55	---	---	20.52	0.00	112.604	20.52	23.14
HT20	2	5720	17.98	17.86	---	---	20.93	0.00	123.900	20.93	23.30
HT40	2	5710	19.70	20.27	---	---	23.00	0.23	210.603	23.23	24.00
VHT20	2	5720	17.96	17.89	---	---	20.94	0.00	124.035	20.94	23.30
VHT40	2	5710	19.75	20.30	---	---	23.04	0.23	212.520	23.27	24.00
VHT80	2	5690	19.85	20.43	---	---	23.16	0.53	233.882	23.69	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	11.42	11.43	---	---	14.44	0.00	27.767	14.44	30.00
HT20	2	5720	11.92	12.15	---	---	15.05	0.00	31.966	15.05	30.00
HT40	2	5710	8.65	8.56	---	---	11.62	0.23	15.295	11.85	30.00
VHT20	2	5720	12.29	12.30	---	---	15.31	0.00	33.926	15.31	30.00
VHT40	2	5710	8.49	9.29	---	---	11.92	0.23	16.401	12.15	30.00
VHT80	2	5690	8.49	9.05	---	---	11.79	0.53	17.058	12.32	30.00

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

Note: Above plots are without duty factor.

3.4 Peak Power Spectral Density

3.4.1 Limit of Peak Power Spectral Density

Frequency Band (MHz)		Limit
☒	5250 ~ 5350	11 dBm / MHz
☒	5470 ~ 5725	11 dBm / MHz

3.4.2 Test Procedures

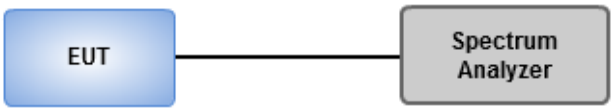
☒ Method SA-1 (For 11a / 11ac VHT20)

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

☒ Method SA-2 Alternative (For 11ac VHT40 / VHT80)

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

3.4.3 Test Setup

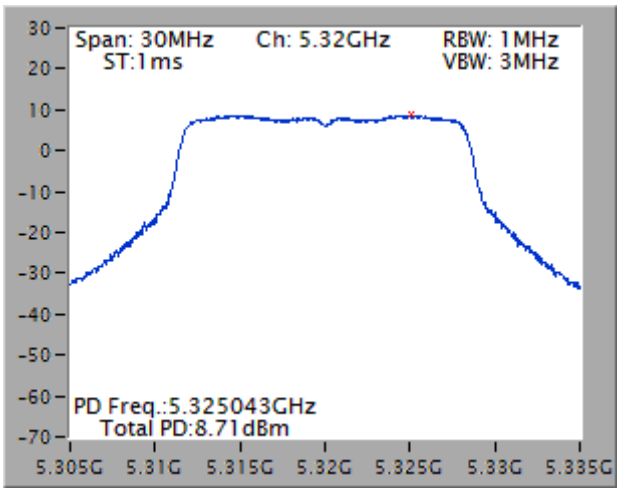


3.4.4 Test Result of Peak Power Spectral Density (Configuration 1: Internal PIFA antenna)

Condition			Peak Power Spectral Density (dBm)			
Mode	N_{TX}	Freq. (MHz)	PPSD w/o D.F (dBm)	Duty Factor (dB)	PPSD with D.F (dBm)	PPSD Limit (dBm)
11a	2	5260	8.62	0.00	8.62	8.89
11a	2	5300	8.59	0.00	8.59	8.89
11a	2	5320	8.71	0.00	8.71	8.89
VHT20	2	5260	8.67	0.00	8.67	8.89
VHT20	2	5300	8.70	0.00	8.70	8.89
VHT20	2	5320	8.19	0.00	8.19	8.89
VHT40	2	5270	8.22	0.23	8.45	8.89
VHT40	2	5310	4.35	0.23	4.58	8.89
VHT80	2	5290	-4.34	0.53	-3.81	8.89
11a	2	5500	7.79	0.00	7.79	8.18
11a	2	5580	7.92	0.00	7.92	8.18
11a	2	5700	8.03	0.00	8.03	8.18
11a	2	5720	7.66	0.00	7.66	8.18
VHT20	2	5500	8.03	0.00	8.03	8.18
VHT20	2	5580	7.98	0.00	7.98	8.18
VHT20	2	5700	8.04	0.00	8.04	8.18
VHT20	2	5720	7.99	0.00	7.99	8.18
VHT40	2	5510	2.51	0.23	2.74	8.18
VHT40	2	5550	7.08	0.23	7.31	8.18
VHT40	2	5670	6.35	0.23	6.58	8.18
VHT40	2	5710	7.58	0.23	7.81	8.18
VHT80	2	5530	-3.12	0.53	-2.59	8.18
VHT80	2	5690	4.45	0.53	4.98	8.18

Note:

1. Test result are bin-by-bin summing measured value of each TX port.
2. Frequency 5250-5350MHz:
   Directional gain = $10 * \log((10^{5.54/20}+10^{4.63/20})^2/2) = 8.11$ dBi > 6 dBi
   Limit shall be reduced to 11 dBm – (8.11dBi – 6 dBi) = 8.89 dBm
3. Frequency 5470-5725MHz:
   Directional gain = $10 * \log((10^{5.98/20}+10^{5.63/20})^2/2) = 8.82$ dBi > 6 dBi
   Limit shall be reduced to 11 dBm – (8.82dBi – 6 dBi) = 8.18 dBm

Worst Plots


Span: 30MHz
ST:1ms
Ch: 5.32GHz
RBW: 1MHz
VBW: 3MHz
30
20
10
0
-10
-20
-30
-40
-50
-60
-70
PD Freq.:5.325043GHz
Total PD:8.71dBm
5.305G
5.31G
5.315G
5.32G
5.325G
5.33G
5.335G

3.4.5 Test Result of Peak Power Spectral Density (Configuration 2: External Dipole antenna)

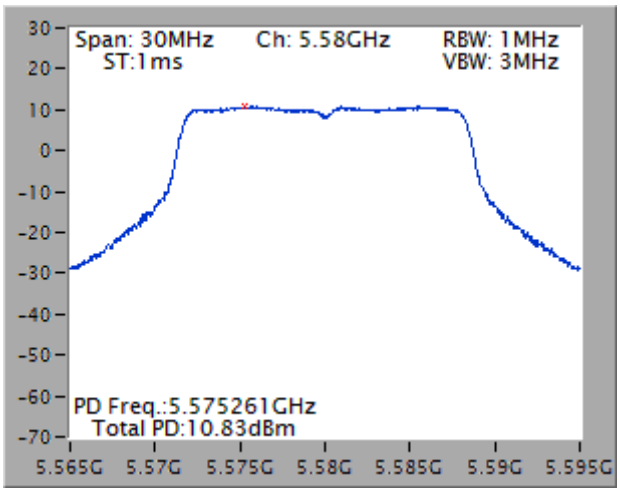
Condition			Peak Power Spectral Density (dBm)			
Mode	N_{TX}	Freq. (MHz)	PPSD w/o D.F (dBm)	Duty Factor (dB)	PPSD with D.F (dBm)	PPSD Limit (dBm)
11a	2	5260	10.67	0.00	10.67	10.79
11a	2	5300	10.39	0.00	10.39	10.79
11a	2	5320	10.53	0.00	10.53	10.79
VHT20	2	5260	10.41	0.00	10.41	10.79
VHT20	2	5300	10.34	0.00	10.34	10.79
VHT20	2	5320	9.82	0.00	9.82	10.79
VHT40	2	5270	7.39	0.23	7.62	10.79
VHT40	2	5310	3.31	0.23	3.54	10.79
VHT80	2	5290	-1.23	0.53	-0.70	10.79
11a	2	5500	10.79	0.00	10.79	10.88
11a	2	5580	10.83	0.00	10.83	10.88
11a	2	5700	9.81	0.00	9.81	10.88
11a	2	5720	10.43	0.00	10.43	10.88
VHT20	2	5500	9.97	0.00	9.97	10.88
VHT20	2	5580	10.70	0.00	10.70	10.88
VHT20	2	5700	9.05	0.00	9.05	10.88
VHT20	2	5720	10.55	0.00	10.55	10.88
VHT40	2	5510	2.02	0.23	2.25	10.88
VHT40	2	5550	7.78	0.23	8.01	10.88
VHT40	2	5670	6.31	0.23	6.54	10.88
VHT40	2	5710	7.43	0.23	7.66	10.88
VHT80	2	5530	-3.97	0.53	-3.44	10.88
VHT80	2	5690	3.29	0.53	3.82	10.88

Note:

1. Test result are bin-by-bin summing measured value of each TX port.
2. Frequency 5250-5350MHz:

   Directional gain = 3.20+10* log(2/1) = 6.21 dBi > 6 dBi
   Limit shall be reduced to 11 dBm – (6.21dBi – 6 dBi) = 10.79 dBm
3. Frequency 5470-5725MHz:

   Directional gain = 3.11+10* log(2/1) = 6.12 dBi > 6 dBi
   Limit shall be reduced to 11 dBm – (6.12dBi – 6 dBi) = 10.88 dBm

Worst Plots


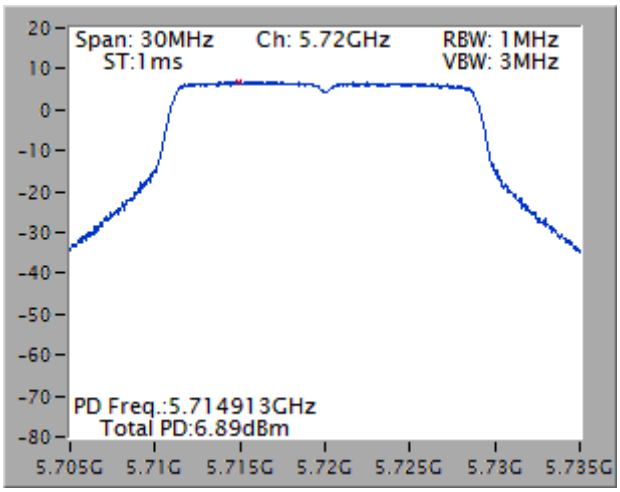
Span: 30MHz
ST:1ms
Ch: 5.58GHz
RBW: 1MHz
VBW: 3MHz
30
20
10
0
-10
-20
-30
-40
-50
-60
-70
PD Freq.:5.575261GHz
Total PD:10.83dBm
5.565G
5.57G
5.575G
5.58G
5.585G
5.59G
5.595G

3.4.6 Test Result of Peak Power Spectral Density (Configuration 3: External Directional Panel antenna (model WS-AI-DQ04360)

Condition			Peak Power Spectral Density (dBm)			
Mode	N_{TX}	Freq. (MHz)	PPSD w/o D.F (dBm)	Duty Factor (dB)	PPSD with D.F (dBm)	PPSD Limit (dBm)
11a	2	5260	6.57	0.00	6.57	6.99
11a	2	5300	6.63	0.00	6.63	6.99
11a	2	5320	6.74	0.00	6.74	6.99
VHT20	2	5260	6.87	0.00	6.87	6.99
VHT20	2	5300	6.49	0.00	6.49	6.99
VHT20	2	5320	6.40	0.00	6.40	6.99
VHT40	2	5270	5.94	0.23	6.17	6.99
VHT40	2	5310	1.45	0.23	1.68	6.99
VHT80	2	5290	-4.65	0.53	-4.12	6.99
11a	2	5500	6.36	0.00	6.36	6.99
11a	2	5580	6.43	0.00	6.43	6.99
11a	2	5700	6.46	0.00	6.46	6.99
11a	2	5720	6.67	0.00	6.67	6.99
VHT20	2	5500	6.68	0.00	6.68	6.99
VHT20	2	5580	6.86	0.00	6.86	6.99
VHT20	2	5700	6.82	0.00	6.82	6.99
VHT20	2	5720	6.89	0.00	6.89	6.99
VHT40	2	5510	0.93	0.23	1.16	6.99
VHT40	2	5550	5.87	0.23	6.10	6.99
VHT40	2	5670	5.66	0.23	5.89	6.99
VHT40	2	5710	5.45	0.23	5.68	6.99
VHT80	2	5530	-3.97	0.53	-3.44	6.99
VHT80	2	5690	2.66	0.53	3.19	6.99

Note:

1. Test result are bin-by-bin summing measured value of each TX port.
2. Directional gain = 7+10* log(2/1) = 10.01 dBi > 6 dBi
   Limit shall be reduced to 11 dBm – (10.01dBi – 6 dBi) = 6.99 dBm

Worst Plots


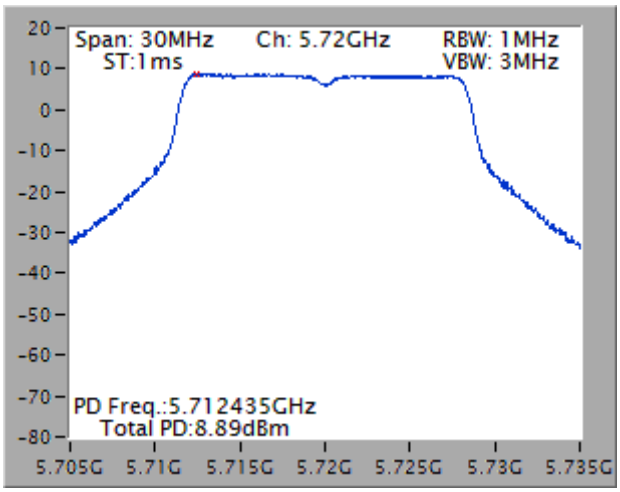
Span: 30MHz
ST:1ms
Ch: 5.72GHz
RBW: 1MHz
VBW: 3MHz
20
10
0
-10
-20
-30
-40
-50
-60
-70
-80
PD Freq.:5.714913GHz
Total PD:6.89dBm
5.705G
5.71G
5.715G
5.72G
5.725G
5.73G
5.735G

3.4.7 Test Result of Peak Power Spectral Density (Configuration 4: External Directional Panel antenna (model WS-AI-DD05120)

Condition			Peak Power Spectral Density (dBm)			
Mode	N_{TX}	Freq. (MHz)	PPSD w/o D.F (dBm)	Duty Factor (dB)	PPSD with D.F (dBm)	PPSD Limit (dBm)
11a	2	5260	8.60	0.00	8.60	8.99
11a	2	5300	8.56	0.00	8.56	8.99
11a	2	5320	8.48	0.00	8.48	8.99
VHT20	2	5260	8.74	0.00	8.74	8.99
VHT20	2	5300	8.69	0.00	8.69	8.99
VHT20	2	5320	8.70	0.00	8.70	8.99
VHT40	2	5270	6.88	0.23	7.11	8.99
VHT40	2	5310	2.91	0.23	3.14	8.99
VHT80	2	5290	-3.02	0.53	-2.49	8.99
11a	2	5500	8.79	0.00	8.79	8.99
11a	2	5580	8.82	0.00	8.82	8.99
11a	2	5700	8.59	0.00	8.59	8.99
11a	2	5720	8.89	0.00	8.89	8.99
VHT20	2	5500	8.68	0.00	8.68	8.99
VHT20	2	5580	8.58	0.00	8.58	8.99
VHT20	2	5700	8.45	0.00	8.45	8.99
VHT20	2	5720	8.86	0.00	8.86	8.99
VHT40	2	5510	2.02	0.23	2.25	8.99
VHT40	2	5550	7.78	0.23	8.01	8.99
VHT40	2	5670	6.31	0.23	6.54	8.99
VHT40	2	5710	7.43	0.23	7.66	8.99
VHT80	2	5530	-3.30	0.53	-2.77	8.99
VHT80	2	5690	4.02	0.53	4.55	8.99

Note:

3. Test result are bin-by-bin summing measured value of each TX port.
4. Directional gain = 5+10* log(2/1) = 8.01 dBi > 6 dBi
   Limit shall be reduced to 11 dBm – (8.01dBi – 6 dBi) = 8.99 dBm

Worst Plots


Span: 30MHz
ST:1ms
Ch: 5.72GHz
RBW: 1MHz
VBW: 3MHz
20
10
0
-10
-20
-30
-40
-50
-60
-70
-80
PD Freq.:5.712435GHz
Total PD:8.89dBm
5.705G
5.71G
5.715G
5.72G
5.725G
5.73G
5.735G

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 - 5.825 GHz	5.715 5.725 GHz: e.i.r.p. -17 dBm [78.2 dBuV/m@3m] 5.85 5.86 GHz: e.i.r.p. -17 dBm [78.2 dBuV/m@3m] Other un-restricted band: e.i.r.p. -27 dBm [68.2 dBuV/m@3m]

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

3.5.2 Test Procedures

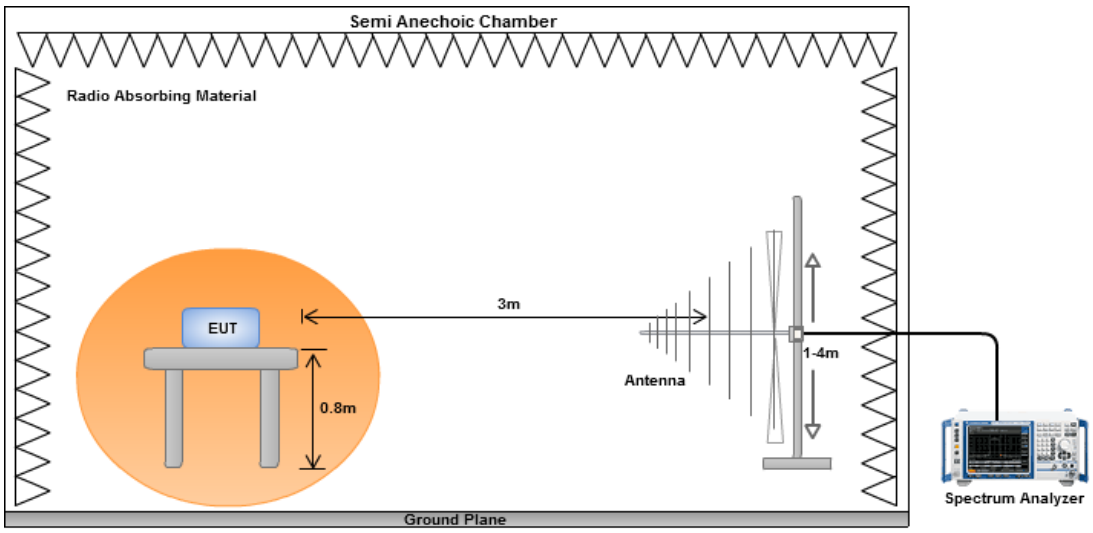
1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission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

Note:

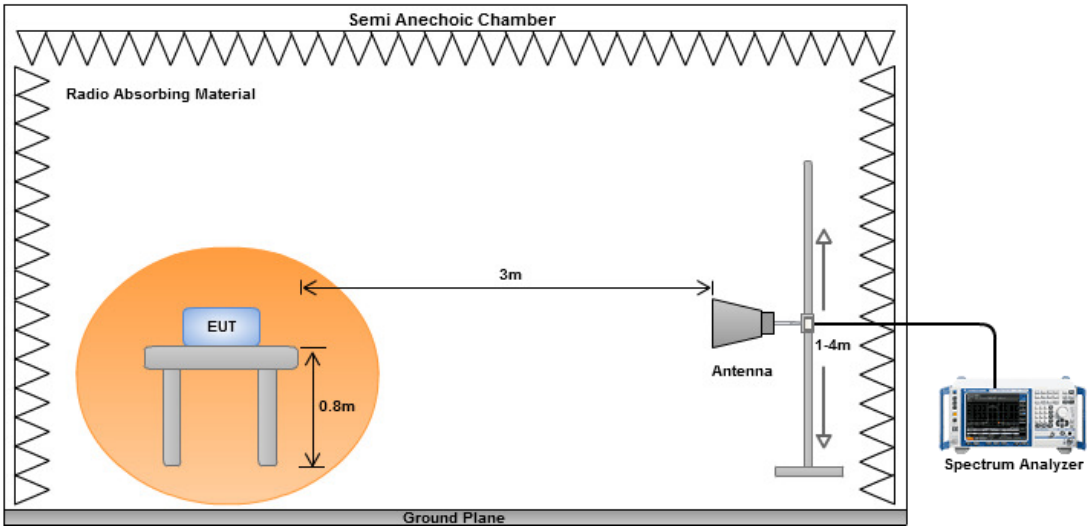
1. 120kHz measurement bandwidth of test receiver and Quasi-peak detector is for radiated emission below 1GHz.
2. RBW=1MHz, VBW=3MHz and Peak detector is for peak measured value of radiated emission above 1GHz.
3. RBW=1MHz, VBW=1/T and Peak detector is for average measured value of radiated emission above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

3.5.3 Test Setup

Radiated Emissions below 1 GHz



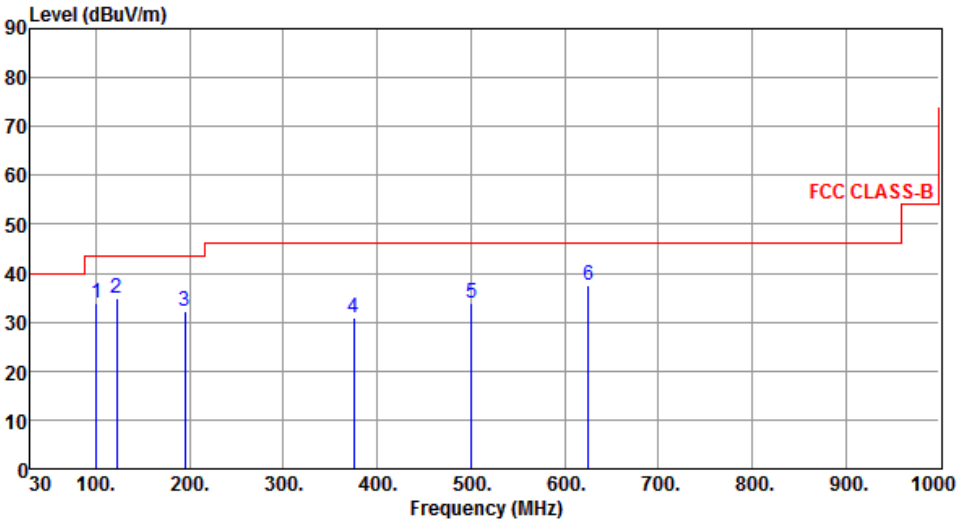
Radiated Emissions above 1 GHz



(Configuration 1: Internal PIFA antenna)

3.5.4 Transmitter Radiated Unwanted Emissions (Below 1GHz)_Adapter mode

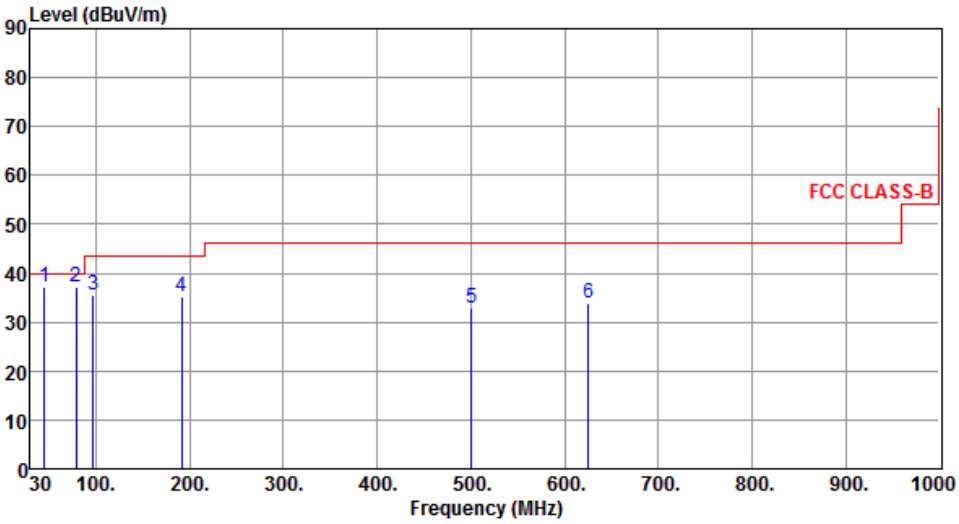
Modulation	VHT40	Test Freq. (MHz)	5270
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	100.83	33.88	43.50	-9.62	55.58	-21.70	Peak	---	---
2	122.36	34.97	43.50	-8.53	53.90	-18.93	Peak	---	---
3	194.90	32.08	43.50	-11.42	51.70	-19.62	Peak	---	---
4	375.45	30.74	46.00	-15.26	45.08	-14.34	Peak	---	---
5	500.71	33.94	46.00	-12.06	45.48	-11.54	Peak	---	---
6	625.27	37.55	46.00	-8.45	46.74	-9.19	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

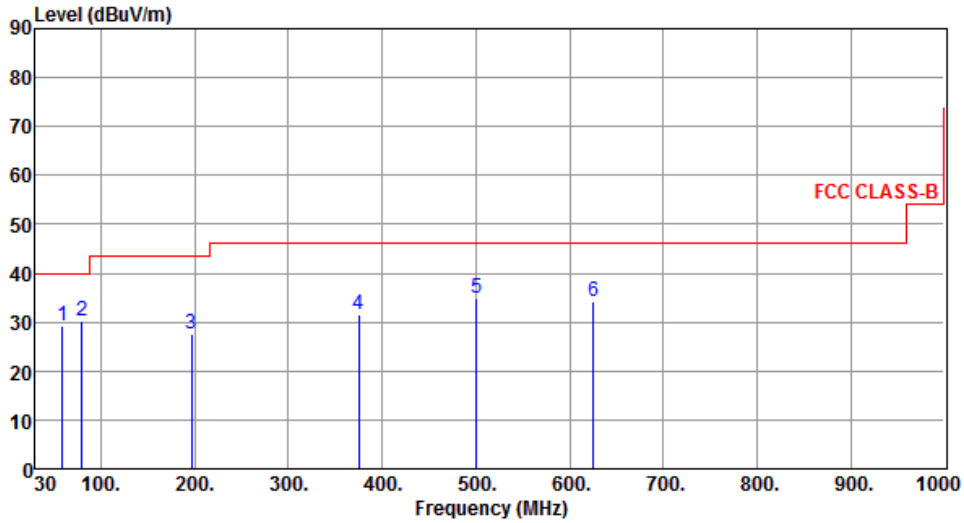


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	44.83	37.12	40.00	-2.88	53.92	-16.80	Peak	---	---
2	79.26	37.26	40.00	-2.74	58.74	-21.48	Peak	---	---
3	96.88	35.66	43.50	-7.84	57.87	-22.21	Peak	---	---
4	191.87	35.26	43.50	-8.24	54.87	-19.61	Peak	---	---
5	500.45	32.95	46.00	-13.05	44.49	-11.54	Peak	---	---
6	625.58	33.74	46.00	-12.26	42.92	-9.18	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 (Below 1GHz)_POE mode

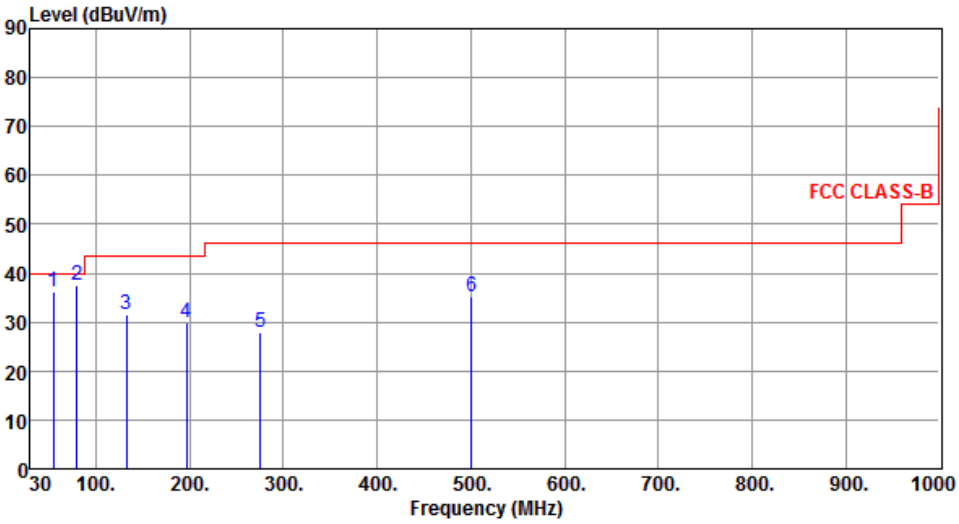
Modulation	VHT40	Test Freq. (MHz)	5270
Polarization	Horizontal	Test Configuration	5



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	59.16	29.34	40.00	-10.66	46.44	-17.10	Peak	---	---
2	79.73	30.17	40.00	-9.83	51.75	-21.58	Peak	---	---
3	196.86	27.55	43.50	-15.95	47.19	-19.64	Peak	---	---
4	375.32	31.58	46.00	-14.42	45.92	-14.34	Peak	---	---
5	500.45	34.97	46.00	-11.03	46.51	-11.54	Peak	---	---
6	625.67	34.13	46.00	-11.87	43.31	-9.18	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	5

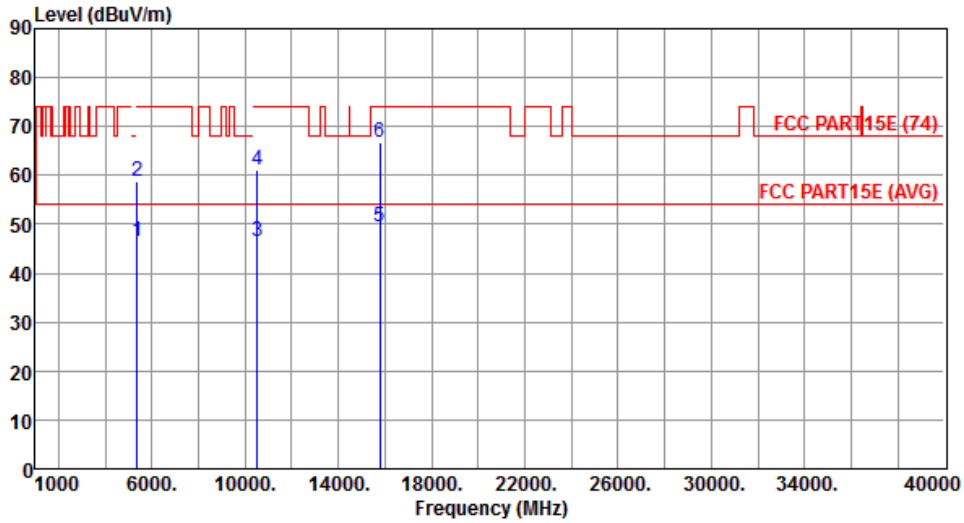


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	54.52	36.19	40.00	-3.81	53.01	-16.82	QP	---	---
2	79.58	37.58	40.00	-2.42	59.12	-21.54	Peak	---	---
3	132.85	31.59	43.50	-11.91	49.59	-18.00	Peak	---	---
4	196.84	29.83	43.50	-13.67	49.47	-19.64	Peak	---	---
5	275.47	27.98	46.00	-18.02	44.85	-16.87	Peak	---	---
6	500.45	35.26	46.00	-10.74	46.80	-11.54	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.

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

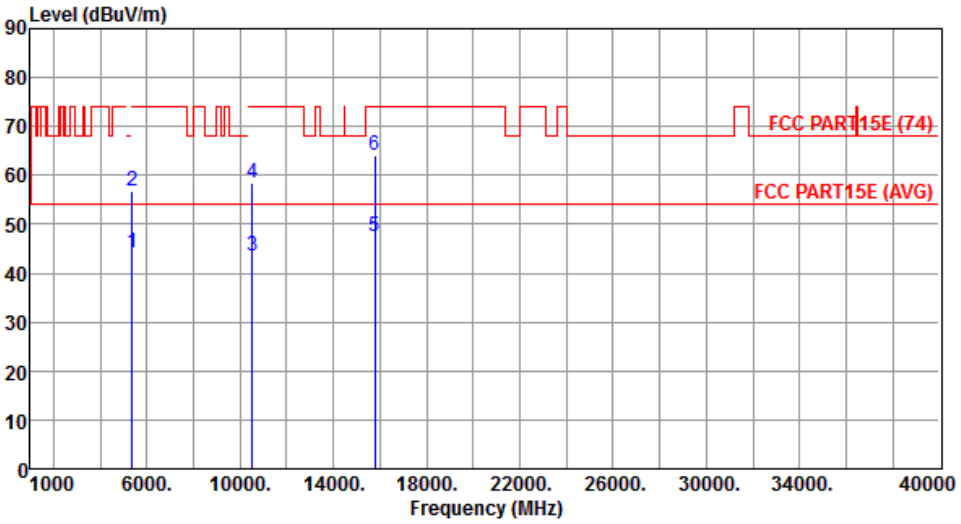
Modulation	11a	Test Freq. (MHz)	5260
Polarization	Horizontal	Test Configuration	1



	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	46.50	54.00	-7.50	40.79	5.71	Average	---	---
2	5350.00	58.77	74.00	-15.23	53.06	5.71	Peak	---	---
3	10520.00	46.39	54.00	-7.61	31.12	15.27	Average	---	---
4	10520.00	61.19	74.00	-12.81	45.92	15.27	Peak	---	---
5	15780.00	49.43	54.00	-4.57	35.25	14.18	Average	---	---
6	15780.00	66.66	74.00	-7.34	52.48	14.18	Peak	---	---

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

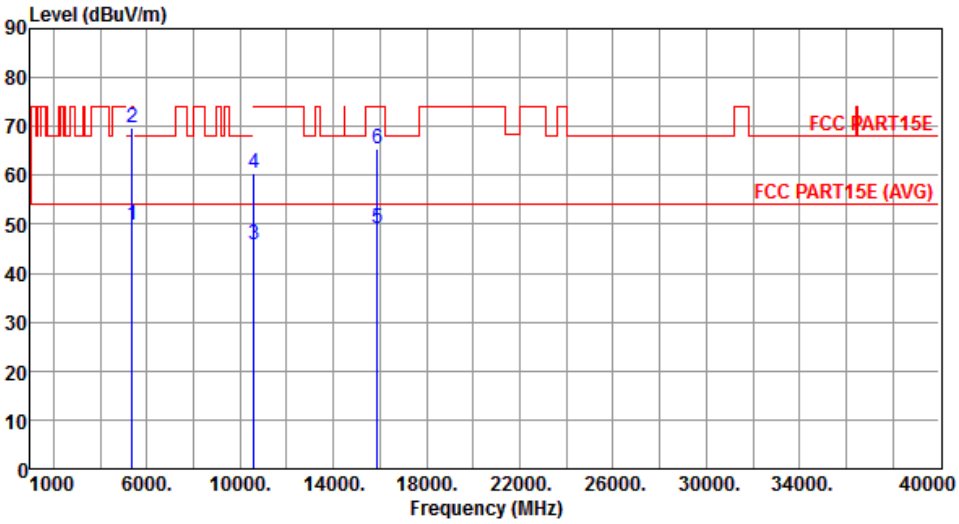
Modulation	11a	Test Freq. (MHz)	5260
Polarization	Vertical	Test Configuration	1



	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	44.25	54.00	-9.75	38.54	5.71	Average	---	---
2	5350.00	56.63	74.00	-17.37	50.92	5.71	Peak	---	---
3	10520.00	43.45	54.00	-10.55	28.18	15.27	Average	---	---
4	10520.00	58.59	74.00	-15.41	43.32	15.27	Peak	---	---
5	15780.00	47.61	54.00	-6.39	33.43	14.18	Average	---	---
6	15780.00	64.08	74.00	-9.92	49.90	14.18	Peak	---	---

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

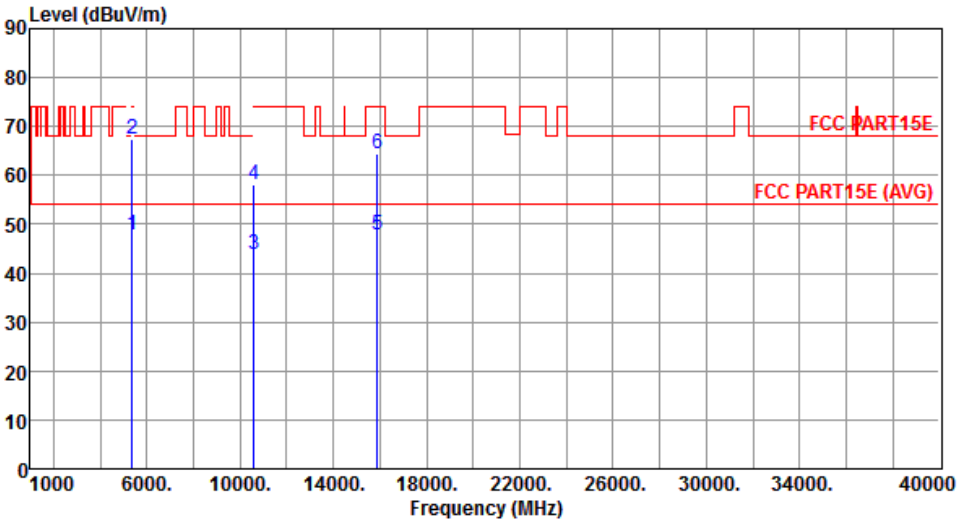
Modulation	11a	Test Freq. (MHz)	5300
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	49.81	54.00	-4.19	44.10	5.71	Average	---	---
2	5350.00	69.63	74.00	-4.37	63.92	5.71	Peak	---	---
3	10600.00	45.82	54.00	-8.18	30.52	15.30	Average	---	---
4	10600.00	60.32	74.00	-13.68	45.02	15.30	Peak	---	---
5	15900.00	49.02	54.00	-4.98	35.02	14.00	Average	---	---
6	15900.00	65.59	74.00	-8.41	51.59	14.00	Peak	---	---

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

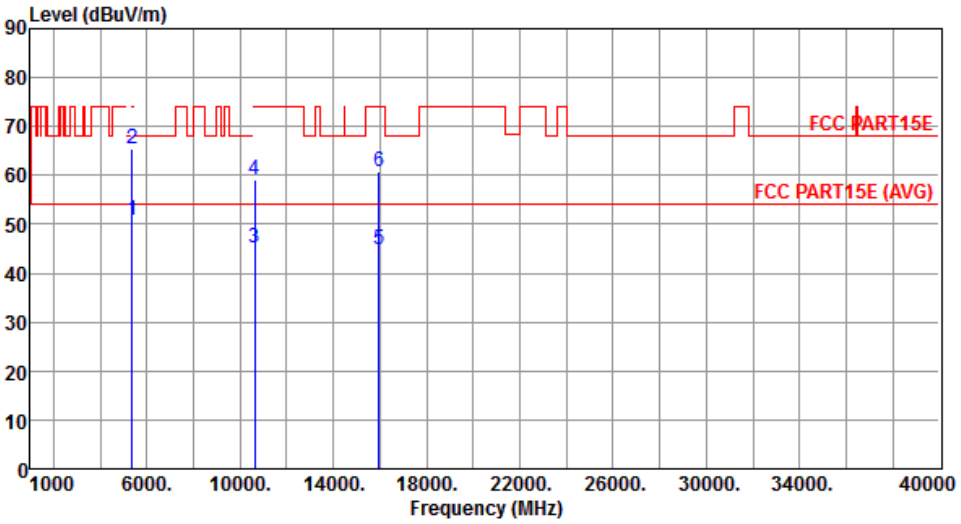
Modulation	11a	Test Freq. (MHz)	5300
Polarization	Vertical	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	47.75	54.00	-6.25	42.04	5.71	Average	---	---
2	5350.00	67.36	74.00	-6.64	61.65	5.71	Peak	---	---
3	10600.00	43.74	54.00	-10.26	28.44	15.30	Average	---	---
4	10600.00	58.26	74.00	-15.74	42.96	15.30	Peak	---	---
5	15900.00	47.85	54.00	-6.15	33.85	14.00	Average	---	---
6	15900.00	64.33	74.00	-9.67	50.33	14.00	Peak	---	---

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

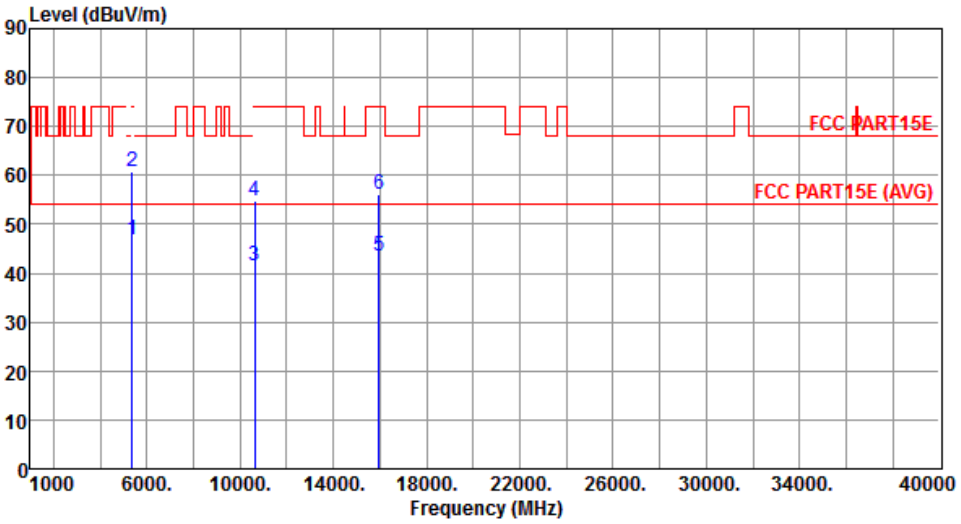
Modulation	11a	Test Freq. (MHz)	5320
Polarization	Horizontal	Test Configuration	1



	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	50.87	54.00	-3.13	45.16	5.71	Average	---	---
2	5350.00	65.43	74.00	-8.57	59.72	5.71	Peak	---	---
3	10640.00	45.32	54.00	-8.68	30.00	15.32	Average	---	---
4	10640.00	59.01	74.00	-14.99	43.69	15.32	Peak	---	---
5	15960.00	44.67	54.00	-9.33	30.76	13.91	Average	---	---
6	15960.00	60.84	74.00	-13.16	46.93	13.91	Peak	---	---

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

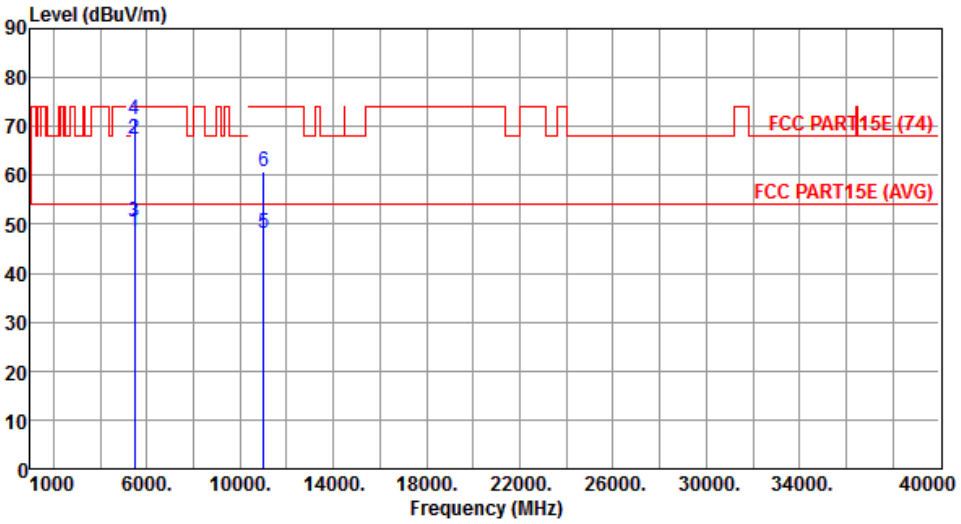
Modulation	11a	Test Freq. (MHz)	5320
Polarization	Vertical	Test Configuration	1



	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	46.96	54.00	-7.04	41.25	5.71	Average	---	---
2	5350.00	60.79	74.00	-13.21	55.08	5.71	Peak	---	---
3	10640.00	41.37	54.00	-12.63	26.05	15.32	Average	---	---
4	10640.00	54.86	74.00	-19.14	39.54	15.32	Peak	---	---
5	15960.00	43.54	54.00	-10.46	29.63	13.91	Average	---	---
6	15960.00	56.28	74.00	-17.72	42.37	13.91	Peak	---	---

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

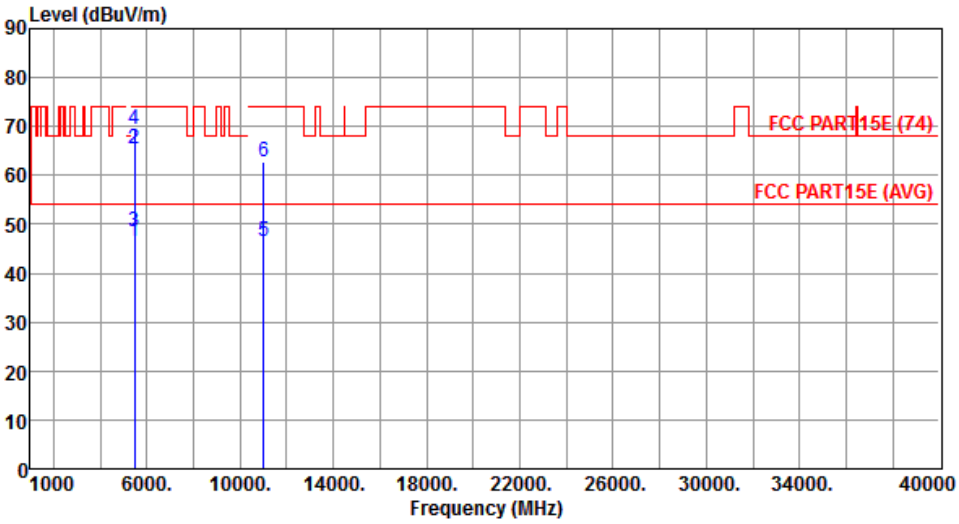
Modulation	11a	**Test Freq. (MHz)**	5500
Polarization	Horizontal	**Test Configuration**	1



	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	48.60	54.00	-5.40	42.92	5.68	Average	---	---
2	5460.00	67.57	74.00	-6.43	61.89	5.68	Peak	---	---
3	5470.00	50.59	54.00	-3.41	44.93	5.66	Average	---	---
4	5470.00	71.50	74.00	-2.50	65.84	5.66	Peak	---	---
5	11000.00	48.19	54.00	-5.81	32.74	15.45	Average	---	---
6	11000.00	60.80	74.00	-13.20	45.35	15.45	Peak	---	---

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

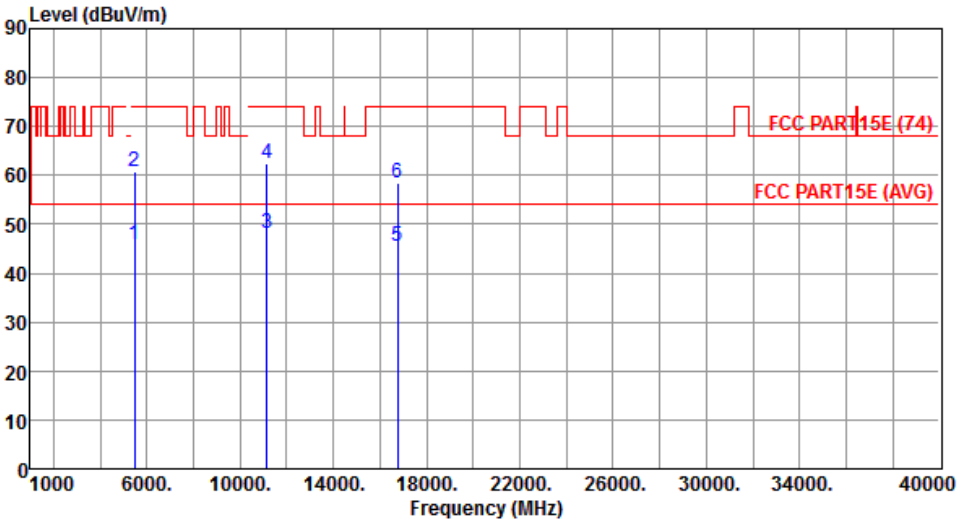
Modulation	11a	Test Freq. (MHz)	5500
Polarization	Vertical	Test Configuration	1



	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	46.33	54.00	-7.67	40.65	5.68	Average	---	---
2	5460.00	65.52	74.00	-8.48	59.84	5.68	Peak	---	---
3	5470.00	48.44	54.00	-5.56	42.78	5.66	Average	---	---
4	5470.00	69.35	74.00	-4.65	63.69	5.66	Peak	---	---
5	11000.00	46.58	54.00	-7.42	31.13	15.45	Average	---	---
6	11000.00	62.79	74.00	-11.21	47.34	15.45	Peak	---	---

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

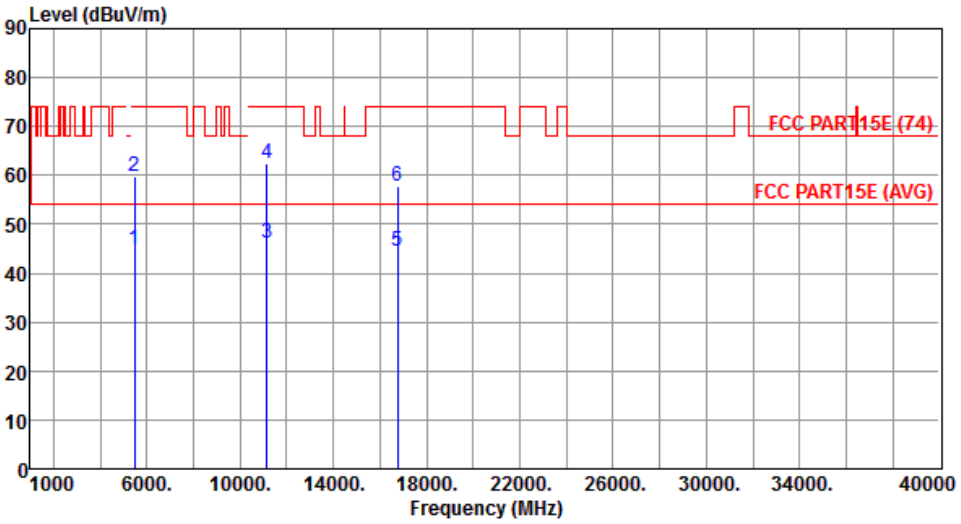
Modulation	11a	Test Freq. (MHz)	5580
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5470.00	45.96	54.00	-8.04	40.30	5.66	Average	---	---
2	5470.00	60.90	74.00	-13.10	55.24	5.66	Peak	---	---
3	11160.00	48.00	54.00	-6.00	32.83	15.17	Average	---	---
4	11160.00	62.54	74.00	-11.46	47.37	15.17	Peak	---	---
5	16740.00	45.50	54.00	-8.50	28.86	16.64	Average	---	---
6	16740.00	58.55	74.00	-15.45	41.91	16.64	Peak	---	---

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

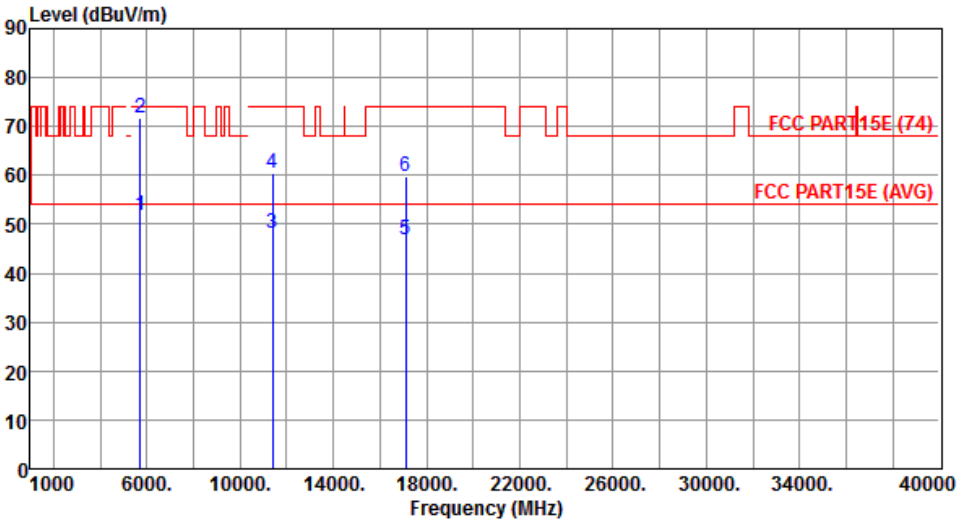
Modulation	11a	Test Freq. (MHz)	5580
Polarization	Vertical	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5470.00	44.78	54.00	-9.22	39.12	5.66	Average	---	---
2	5470.00	59.82	74.00	-14.18	54.16	5.66	Peak	---	---
3	11160.00	46.00	54.00	-8.00	30.83	15.17	Average	---	---
4	11160.00	62.45	74.00	-11.55	47.28	15.17	Peak	---	---
5	16740.00	44.65	54.00	-9.35	28.01	16.64	Average	---	---
6	16740.00	57.82	74.00	-16.18	41.18	16.64	Peak	---	---

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

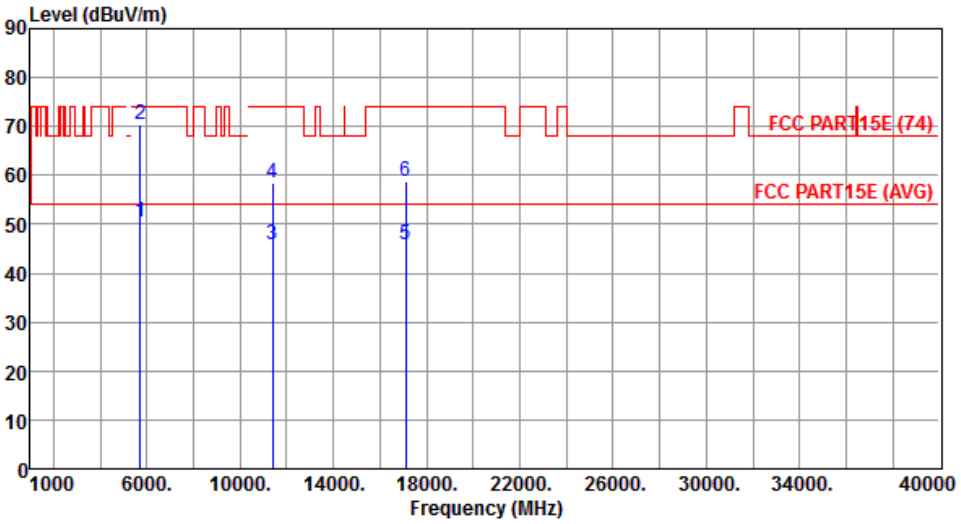
Modulation	11a	Test Freq. (MHz)	5700
Polarization	Horizontal	Test Configuration	1



	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	51.66	54.00	-2.34	46.08	5.58	Average	---	---
2	5725.00	71.65	74.00	-2.35	66.07	5.58	Peak	---	---
3	11400.00	48.05	54.00	-5.95	33.31	14.74	Average	---	---
4	11400.00	60.61	74.00	-13.39	45.87	14.74	Peak	---	---
5	17100.00	46.84	54.00	-7.16	29.14	17.70	Average	---	---
6	17100.00	59.86	74.00	-14.14	42.16	17.70	Peak	---	---

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

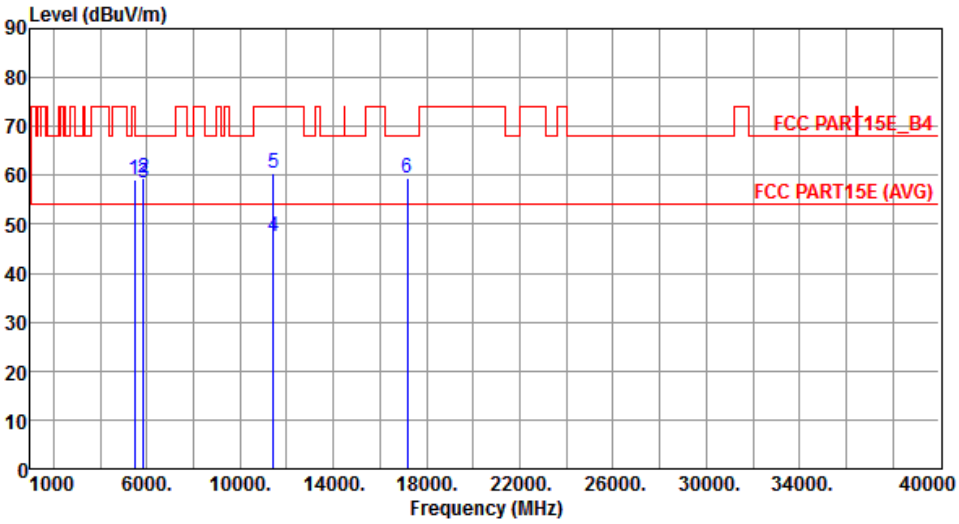
Modulation	11a	Test Freq. (MHz)	5700
Polarization	Vertical	Test Configuration	1



	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	50.35	54.00	-3.65	44.77	5.58	Average	---	---
2	5725.00	70.42	74.00	-3.58	64.84	5.58	Peak	---	---
3	11400.00	45.87	54.00	-8.13	31.13	14.74	Average	---	---
4	11400.00	58.55	74.00	-15.45	43.81	14.74	Peak	---	---
5	17100.00	45.73	54.00	-8.27	28.03	17.70	Average	---	---
6	17100.00	58.69	74.00	-15.31	40.99	17.70	Peak	---	---

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

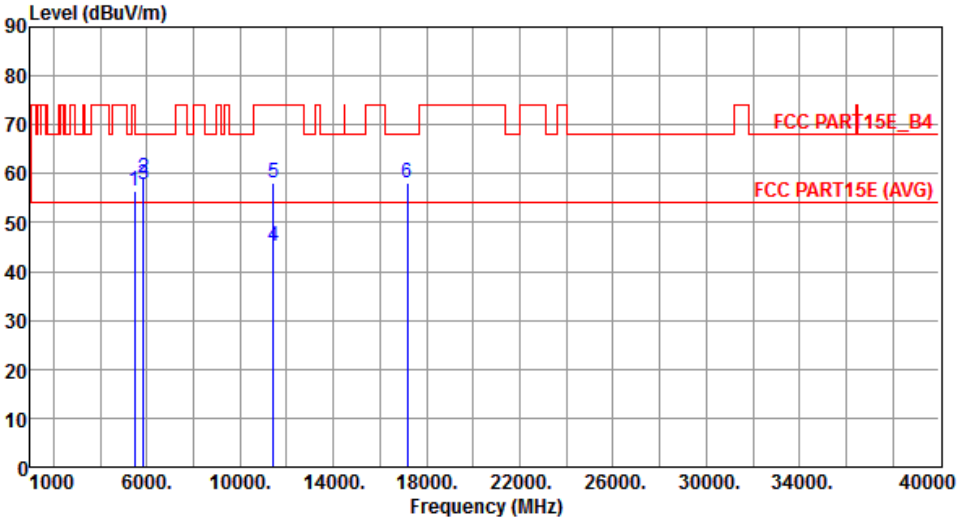
Modulation	11a	Test Freq. (MHz)	5720
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5470.00	58.99	68.20	-9.21	53.33	5.66	Peak	---	---
2	5850.00	59.30	78.20	-18.90	53.68	5.62	Peak	---	---
3	5860.00	58.53	68.20	-9.67	52.91	5.62	Peak	---	---
4	11440.00	47.57	54.00	-6.43	32.91	14.66	Average	---	---
5	11440.00	60.33	74.00	-13.67	45.67	14.66	Peak	---	---
6	17160.00	59.48	68.20	-8.72	41.53	17.95	Peak	---	---

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

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

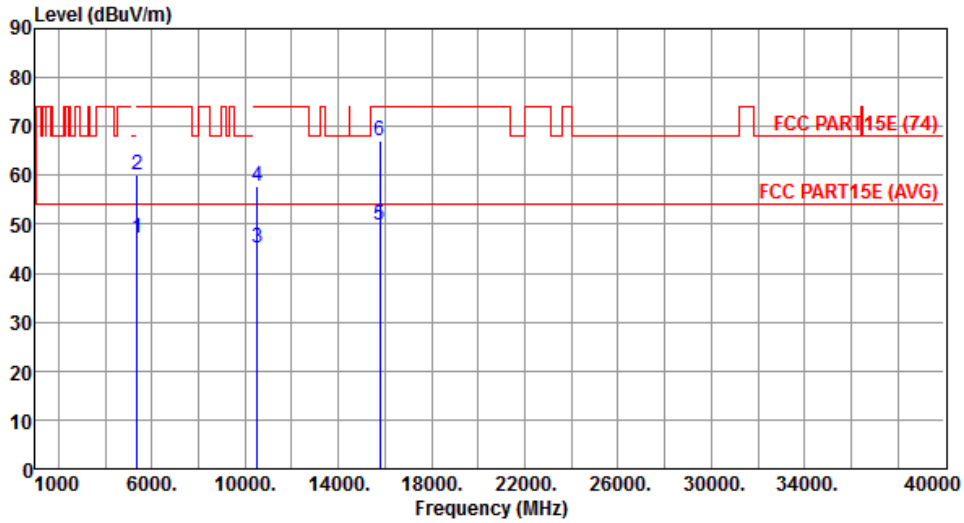


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5470.00	56.55	68.20	-11.65	50.89	5.66	Peak	---	---
2	5850.00	58.95	78.20	-19.25	53.33	5.62	Peak	---	---
3	5860.00	57.87	68.20	-10.33	52.25	5.62	Peak	---	---
4	11440.00	45.31	54.00	-8.69	30.65	14.66	Average	---	---
5	11440.00	58.12	74.00	-15.88	43.46	14.66	Peak	---	---
6	17160.00	58.22	68.20	-9.98	40.27	17.95	Peak	---	---

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

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

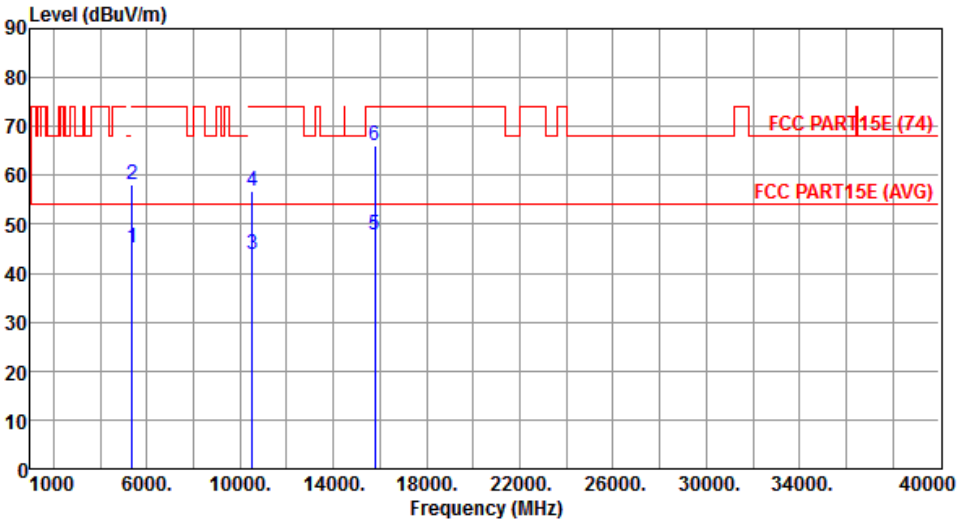
Modulation	VHT20	**Test Freq. (MHz)**	5260
Polarization	Horizontal	**Test Configuration**	1



	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	47.00	54.00	-7.00	41.29	5.71	Average	---	---
2	5350.00	60.10	74.00	-13.90	54.39	5.71	Peak	---	---
3	10520.00	45.08	54.00	-8.92	29.81	15.27	Average	---	---
4	10520.00	57.83	74.00	-16.17	42.56	15.27	Peak	---	---
5	15780.00	49.75	54.00	-4.25	35.57	14.18	Average	---	---
6	15780.00	67.12	74.00	-6.88	52.94	14.18	Peak	---	---

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

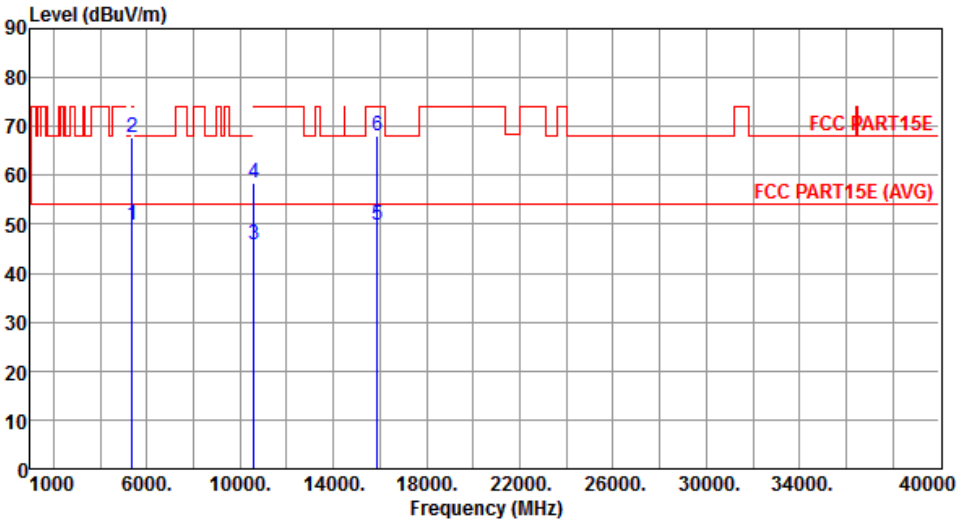
Modulation	VHT20	Test Freq. (MHz)	5260
Polarization	Vertical	Test Configuration	1



	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	45.08	54.00	-8.92	39.37	5.71	Average	---	---
2	5350.00	58.02	74.00	-15.98	52.31	5.71	Peak	---	---
3	10520.00	43.94	54.00	-10.06	28.67	15.27	Average	---	---
4	10520.00	56.67	74.00	-17.33	41.40	15.27	Peak	---	---
5	15780.00	47.95	54.00	-6.05	33.77	14.18	Average	---	---
6	15780.00	65.97	74.00	-8.03	51.79	14.18	Peak	---	---

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

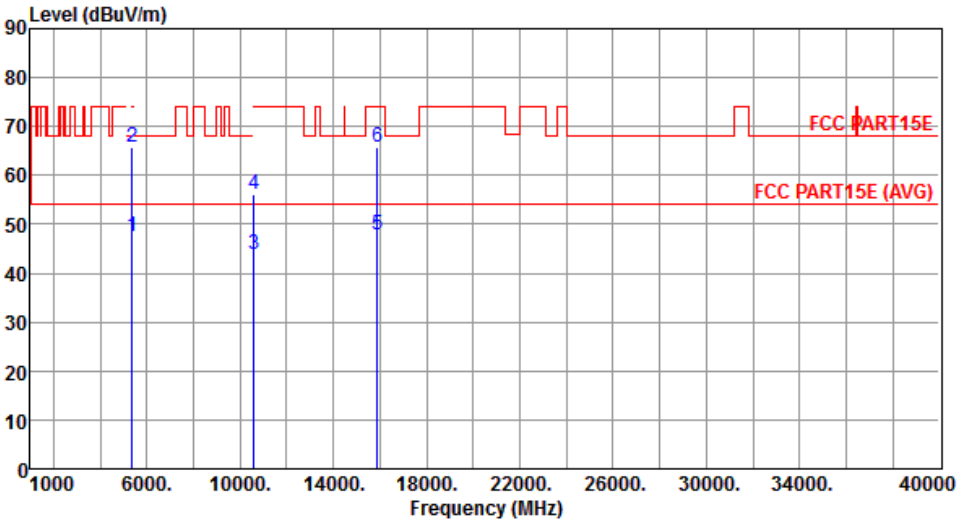
Modulation	VHT20	Test Freq. (MHz)	5300
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	49.68	54.00	-4.32	43.97	5.71	Average	---	---
2	5350.00	67.86	74.00	-6.14	62.15	5.71	Peak	---	---
3	10600.00	45.84	54.00	-8.16	30.54	15.30	Average	---	---
4	10600.00	58.43	74.00	-15.57	43.13	15.30	Peak	---	---
5	15900.00	49.82	54.00	-4.18	35.82	14.00	Average	---	---
6	15900.00	67.94	74.00	-6.06	53.94	14.00	Peak	---	---

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

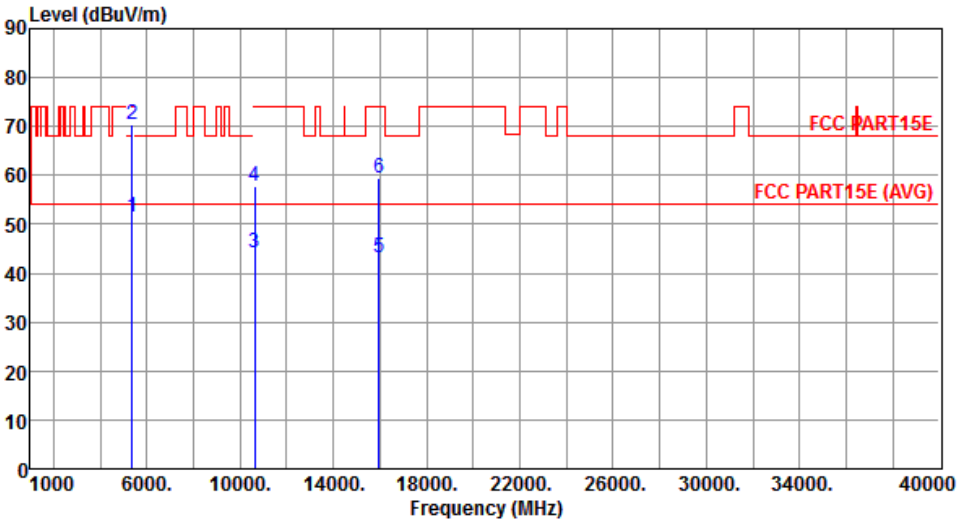
Modulation	VHT20	Test Freq. (MHz)	5300
Polarization	Vertical	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	47.35	54.00	-6.65	41.64	5.71	Average	---	---
2	5350.00	65.68	74.00	-8.32	59.97	5.71	Peak	---	---
3	10600.00	43.72	54.00	-10.28	28.42	15.30	Average	---	---
4	10600.00	56.28	74.00	-17.72	40.98	15.30	Peak	---	---
5	15900.00	47.75	54.00	-6.25	33.75	14.00	Average	---	---
6	15900.00	65.83	74.00	-8.17	51.83	14.00	Peak	---	---

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

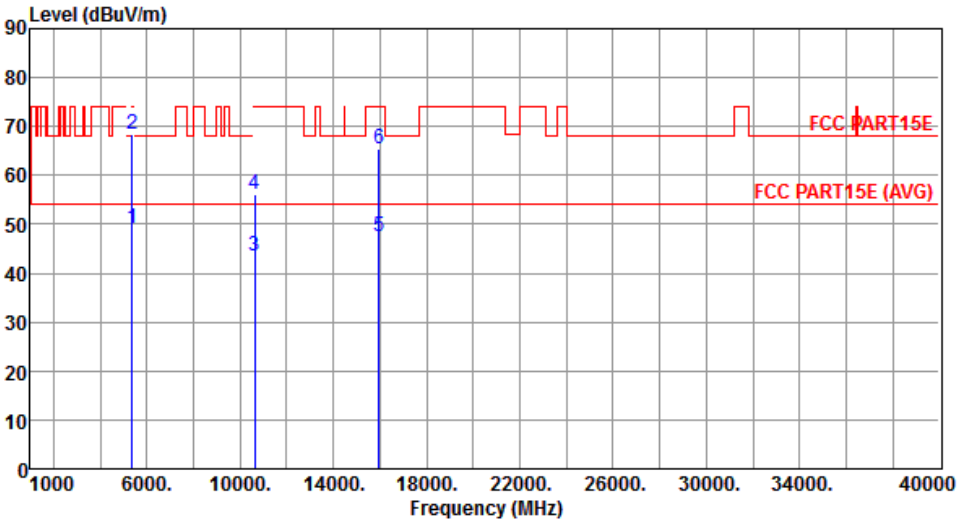
Modulation	VHT20	Test Freq. (MHz)	5320
Polarization	Horizontal	Test Configuration	1



	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	51.35	54.00	-2.65	45.64	5.71	Average	---	---
2	5350.00	70.56	74.00	-3.44	64.85	5.71	Peak	---	---
3	10640.00	44.03	54.00	-9.97	28.71	15.32	Average	---	---
4	10640.00	57.71	74.00	-16.29	42.39	15.32	Peak	---	---
5	15960.00	43.19	54.00	-10.81	29.28	13.91	Average	---	---
6	15960.00	59.33	74.00	-14.67	45.42	13.91	Peak	---	---

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

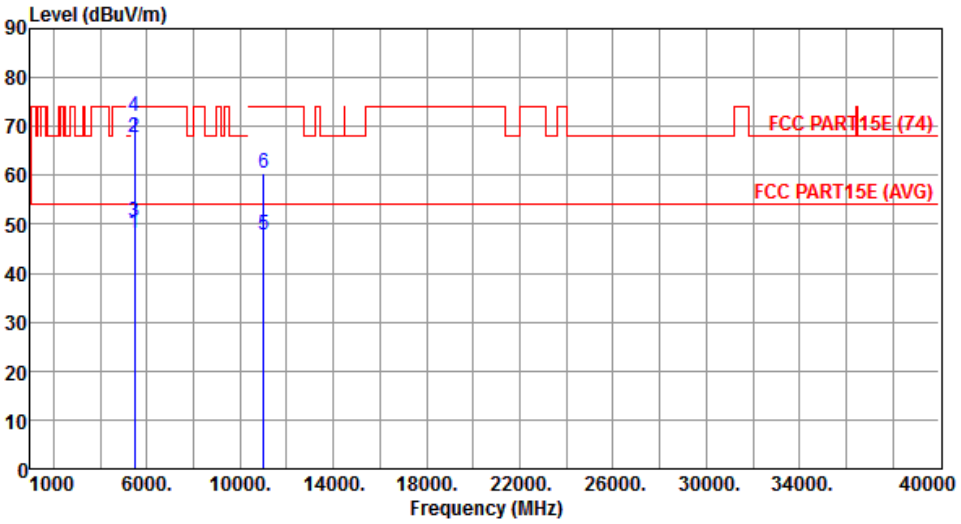
Modulation	VHT20	Test Freq. (MHz)	5320
Polarization	Vertical	Test Configuration	1



	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	49.26	54.00	-4.74	43.55	5.71	Average	---	---
2	5350.00	68.35	74.00	-5.65	62.64	5.71	Peak	---	---
3	10640.00	43.64	54.00	-10.36	28.32	15.32	Average	---	---
4	10640.00	56.07	74.00	-17.93	40.75	15.32	Peak	---	---
5	15960.00	47.37	54.00	-6.63	33.46	13.91	Average	---	---
6	15960.00	65.38	74.00	-8.62	51.47	13.91	Peak	---	---

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

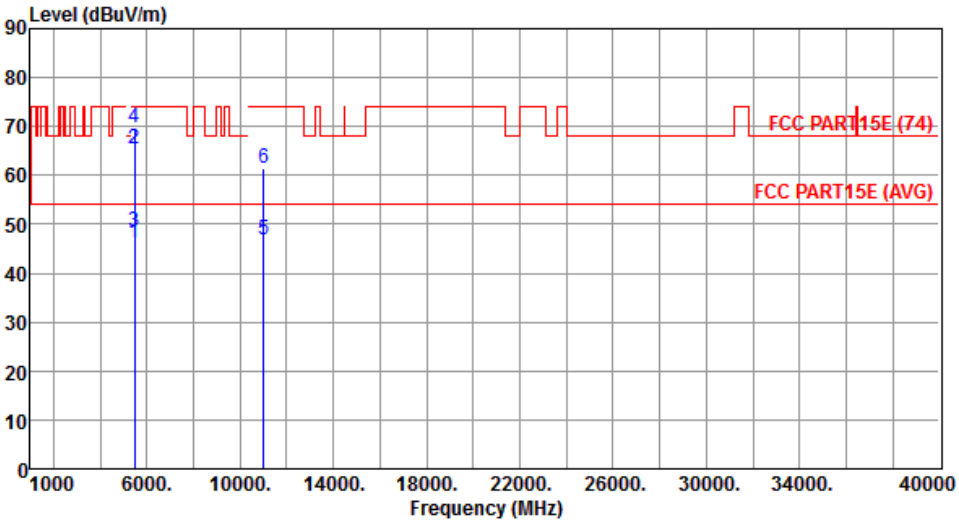
Modulation	VHT20	**Test Freq. (MHz)**	5500
Polarization	Horizontal	**Test Configuration**	1



	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	48.23	54.00	-5.77	42.55	5.68	Average	---	---
2	5460.00	67.62	74.00	-6.38	61.94	5.68	Peak	---	---
3	5470.00	50.32	54.00	-3.68	44.66	5.66	Average	---	---
4	5470.00	71.98	74.00	-2.02	66.32	5.66	Peak	---	---
5	11000.00	47.73	54.00	-6.27	32.28	15.45	Average	---	---
6	11000.00	60.28	74.00	-13.72	44.83	15.45	Peak	---	---

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

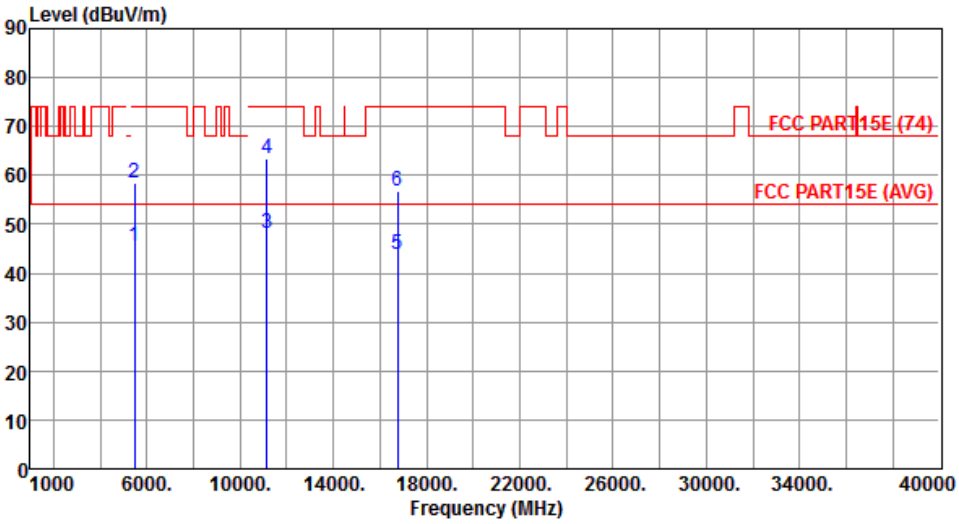
Modulation	VHT20	Test Freq. (MHz)	5500
Polarization	Vertical	Test Configuration	1



	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	46.12	54.00	-7.88	40.44	5.68	Average	---	---
2	5460.00	65.58	74.00	-8.42	59.90	5.68	Peak	---	---
3	5470.00	48.37	54.00	-5.63	42.71	5.66	Average	---	---
4	5470.00	69.84	74.00	-4.16	64.18	5.66	Peak	---	---
5	11000.00	46.68	54.00	-7.32	31.23	15.45	Average	---	---
6	11000.00	61.59	74.00	-12.41	46.14	15.45	Peak	---	---

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

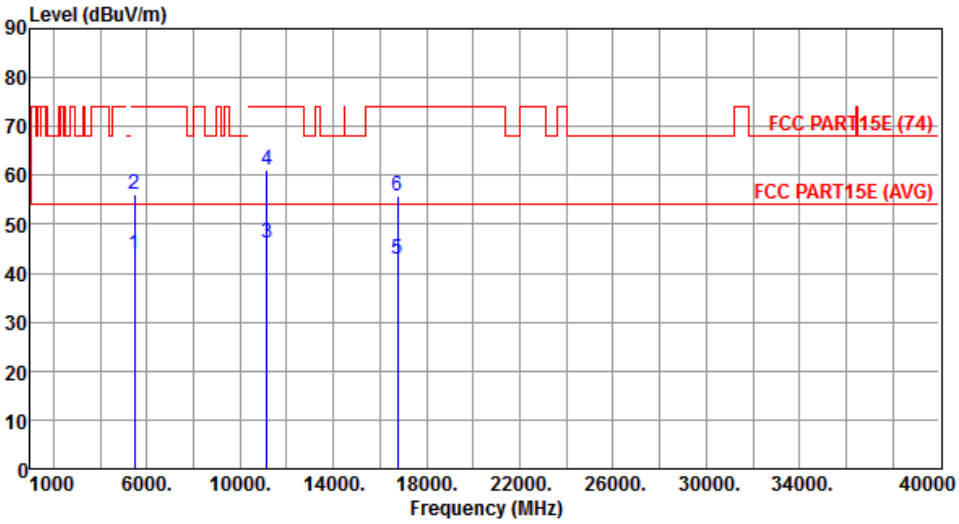
Modulation	VHT20	Test Freq. (MHz)	5580
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5470.00	45.61	54.00	-8.39	39.95	5.66	Average	---	---
2	5470.00	58.49	74.00	-15.51	52.83	5.66	Peak	---	---
3	11160.00	48.00	54.00	-6.00	32.83	15.17	Average	---	---
4	11160.00	63.38	74.00	-10.62	48.21	15.17	Peak	---	---
5	16740.00	43.92	54.00	-10.08	27.28	16.64	Average	---	---
6	16740.00	56.79	74.00	-17.21	40.15	16.64	Peak	---	---

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

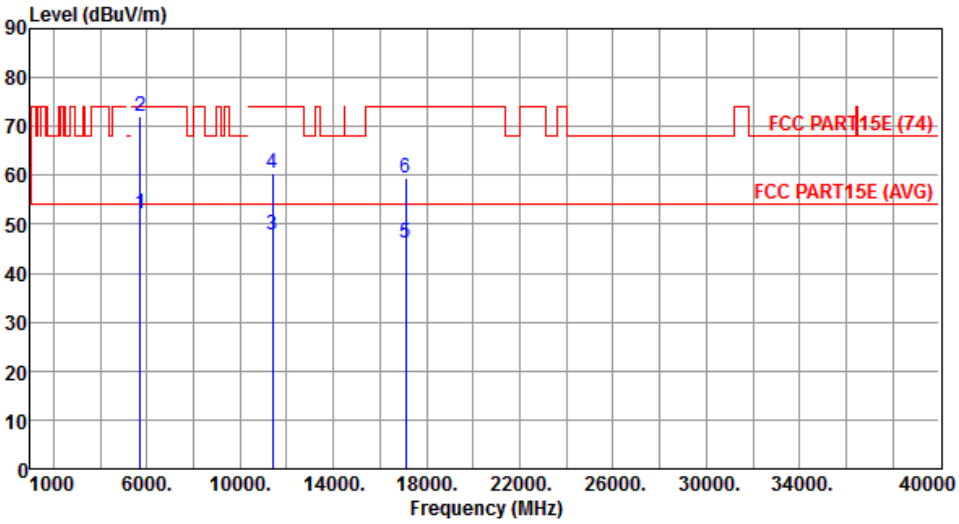
Modulation	VHT20	Test Freq. (MHz)	5580
Polarization	Vertical	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5470.00	43.75	54.00	-10.25	38.09	5.66	Average	---	---
2	5470.00	56.28	74.00	-17.72	50.62	5.66	Peak	---	---
3	11160.00	46.23	54.00	-7.77	31.06	15.17	Average	---	---
4	11160.00	61.27	74.00	-12.73	46.10	15.17	Peak	---	---
5	16740.00	42.84	54.00	-11.16	26.20	16.64	Average	---	---
6	16740.00	55.73	74.00	-18.27	39.09	16.64	Peak	---	---

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

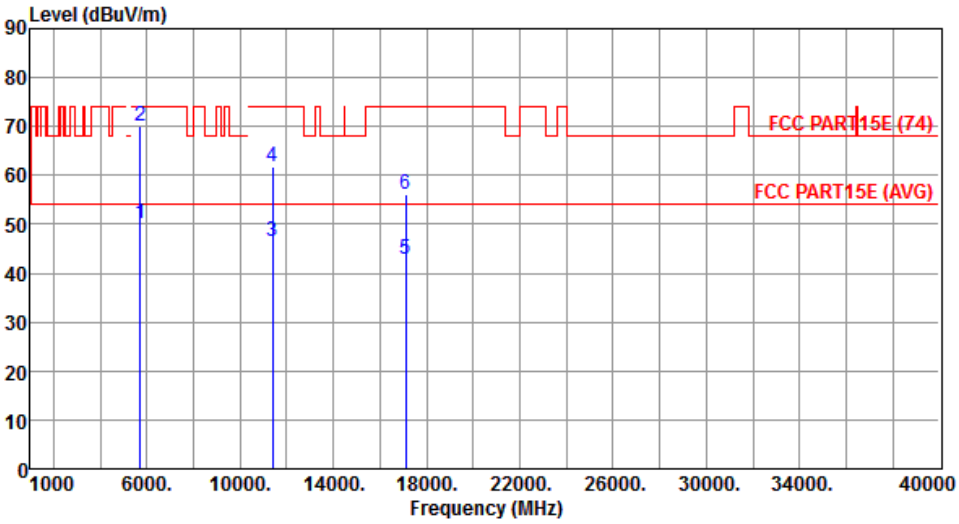
Modulation	VHT20	Test Freq. (MHz)	5700
Polarization	Horizontal	Test Configuration	1



	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	52.08	54.00	-1.92	46.50	5.58	Average	---	---
2	5725.00	72.04	74.00	-1.96	66.46	5.58	Peak	---	---
3	11400.00	47.75	54.00	-6.25	33.01	14.74	Average	---	---
4	11400.00	60.34	74.00	-13.66	45.60	14.74	Peak	---	---
5	17100.00	46.08	54.00	-7.92	28.38	17.70	Average	---	---
6	17100.00	59.42	74.00	-14.58	41.72	17.70	Peak	---	---

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

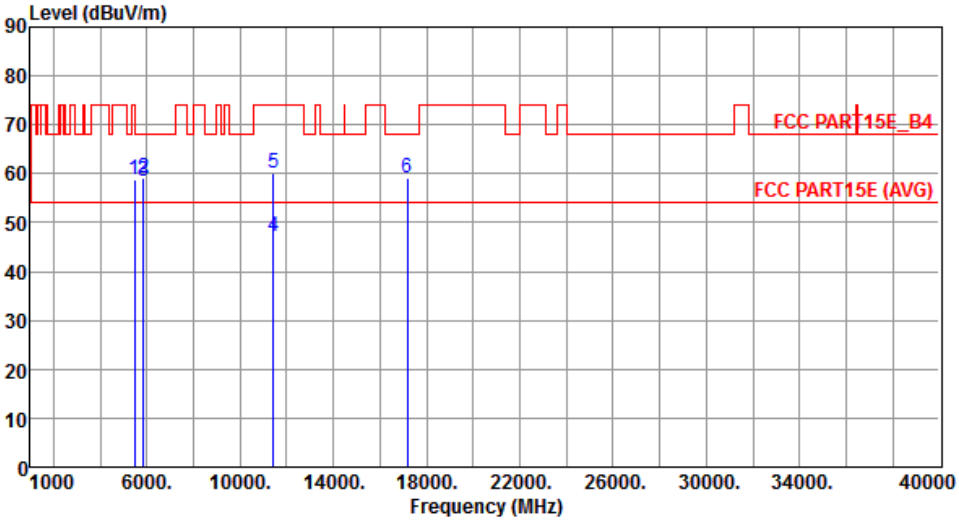
Modulation	VHT20	Test Freq. (MHz)	5700
Polarization	Vertical	Test Configuration	1



	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	50.21	54.00	-3.79	44.63	5.58	Average	---	---
2	5725.00	70.18	74.00	-3.82	64.60	5.58	Peak	---	---
3	11400.00	46.58	54.00	-7.42	31.84	14.74	Average	---	---
4	11400.00	61.67	74.00	-12.33	46.93	14.74	Peak	---	---
5	17100.00	42.98	54.00	-11.02	25.28	17.70	Average	---	---
6	17100.00	56.06	74.00	-17.94	38.36	17.70	Peak	---	---

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

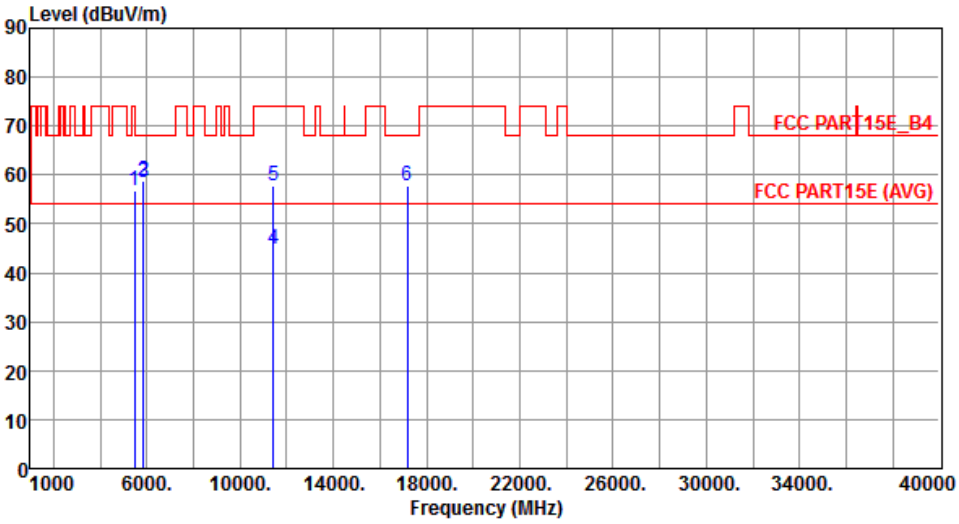
Modulation	VHT20	Test Freq. (MHz)	5720
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5470.00	58.87	68.20	-9.33	53.21	5.66	Peak	---	---
2	5850.00	59.26	78.20	-18.94	53.64	5.62	Peak	---	---
3	5860.00	58.59	68.20	-9.61	52.97	5.62	Peak	---	---
4	11440.00	47.12	54.00	-6.88	32.46	14.66	Average	---	---
5	11440.00	60.00	74.00	-14.00	45.34	14.66	Peak	---	---
6	17160.00	59.13	68.20	-9.07	41.18	17.95	Peak	---	---

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

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

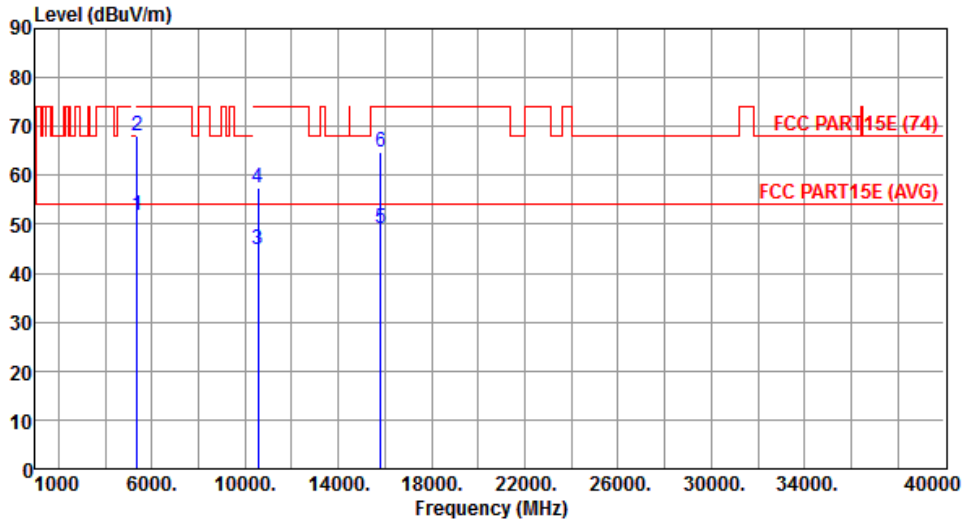


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5470.00	56.78	68.20	-11.42	51.12	5.66	Peak	---	---
2	5850.00	58.93	78.20	-19.27	53.31	5.62	Peak	---	---
3	5860.00	58.38	68.20	-9.82	52.76	5.62	Peak	---	---
4	11440.00	44.98	54.00	-9.02	30.32	14.66	Average	---	---
5	11440.00	57.74	74.00	-16.26	43.08	14.66	Peak	---	---
6	17160.00	57.75	68.20	-10.45	39.80	17.95	Peak	---	---

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

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

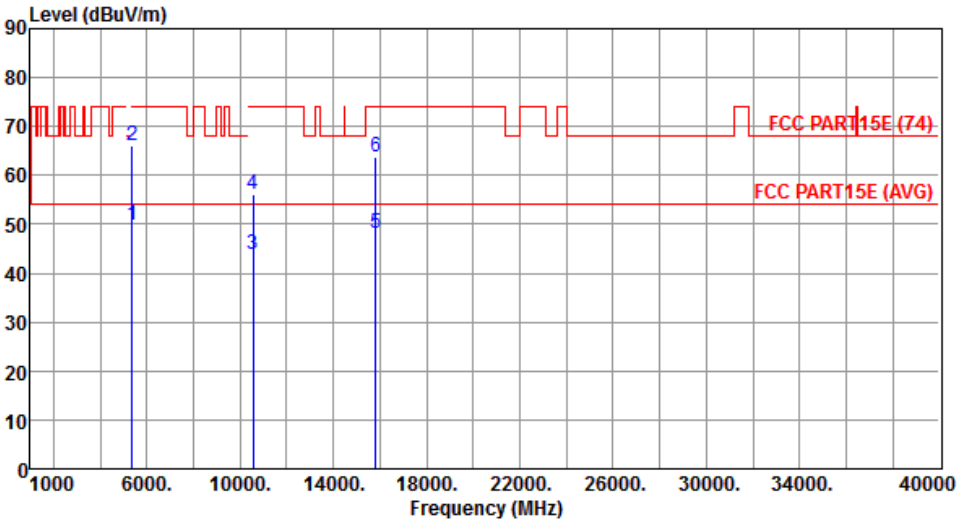
Modulation	VHT40	Test Freq. (MHz)	5270
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	51.95	54.00	-2.05	46.24	5.71	Average	---	---
2	5350.00	68.04	74.00	-5.96	62.33	5.71	Peak	---	---
3	10540.00	45.00	54.00	-9.00	29.72	15.28	Average	---	---
4	10540.00	57.55	74.00	-16.45	42.27	15.28	Peak	---	---
5	15810.00	49.26	54.00	-4.74	35.13	14.13	Average	---	---
6	15810.00	64.88	74.00	-9.12	50.75	14.13	Peak	---	---

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

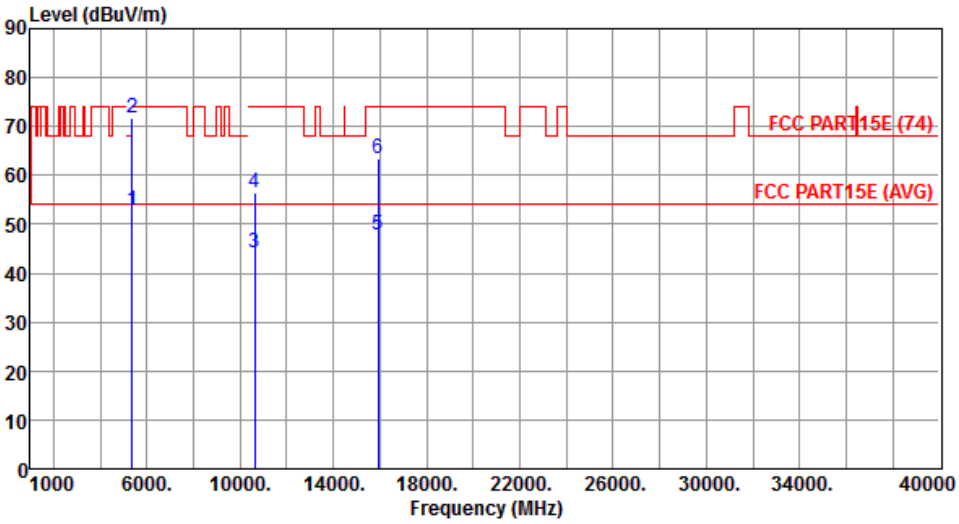
Modulation	VHT40	Test Freq. (MHz)	5270
Polarization	Vertical	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	49.86	54.00	-4.14	44.15	5.71	Average	---	---
2	5350.00	66.18	74.00	-7.82	60.47	5.71	Peak	---	---
3	10540.00	43.89	54.00	-10.11	28.61	15.28	Average	---	---
4	10540.00	56.23	74.00	-17.77	40.95	15.28	Peak	---	---
5	15810.00	48.12	54.00	-5.88	33.99	14.13	Average	---	---
6	15810.00	63.72	74.00	-10.28	49.59	14.13	Peak	---	---

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

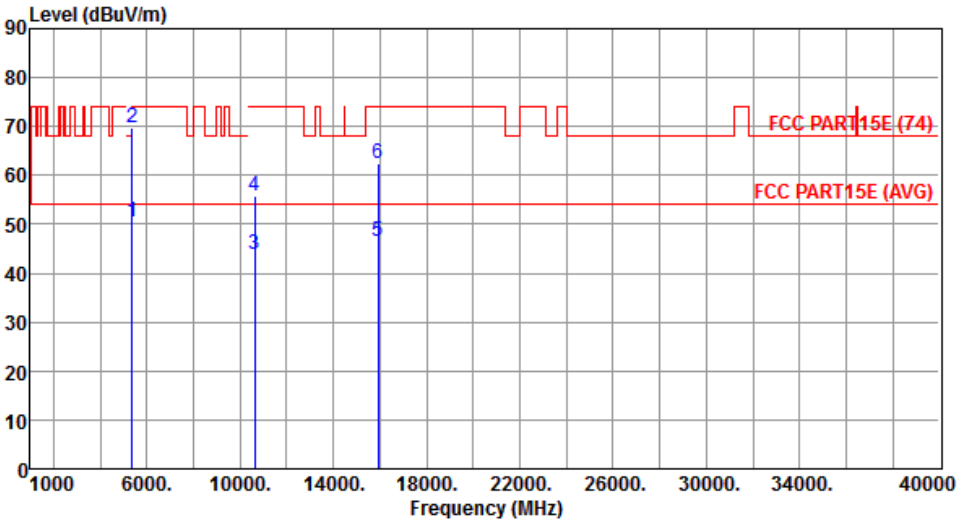
Modulation	VHT40	Test Freq. (MHz)	5310
Polarization	Horizontal	Test Configuration	1



	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	52.90	54.00	-1.10	47.19	5.71	Average	---	---
2	5350.00	71.86	74.00	-2.14	66.15	5.71	Peak	---	---
3	10620.00	44.27	54.00	-9.73	28.96	15.31	Average	---	---
4	10620.00	56.39	74.00	-17.61	41.08	15.31	Peak	---	---
5	15930.00	47.88	54.00	-6.12	33.93	13.95	Average	---	---
6	15930.00	63.53	74.00	-10.47	49.58	13.95	Peak	---	---

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

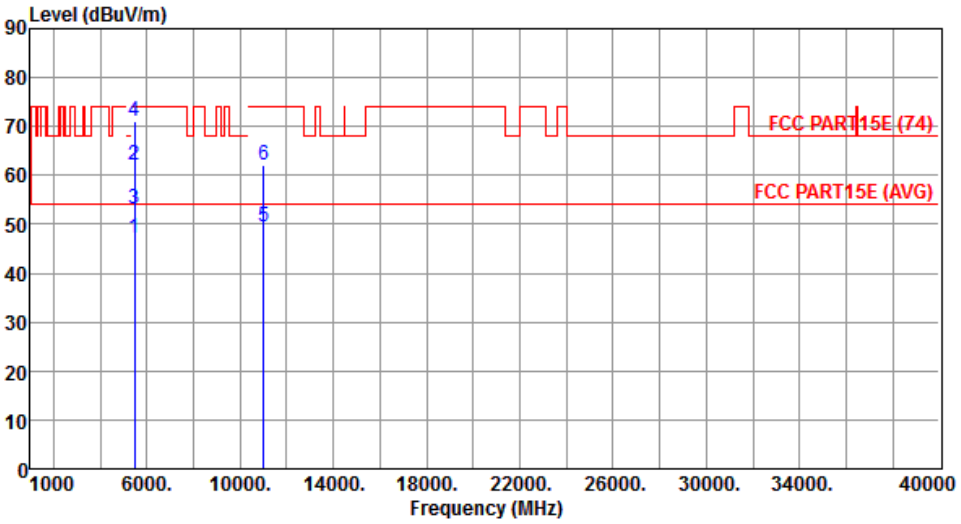
Modulation	VHT40	Test Freq. (MHz)	5310
Polarization	Vertical	Test Configuration	1



	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	50.45	54.00	-3.55	44.74	5.71	Average	---	---
2	5350.00	69.89	74.00	-4.11	64.18	5.71	Peak	---	---
3	10620.00	43.71	54.00	-10.29	28.40	15.31	Average	---	---
4	10620.00	55.82	74.00	-18.18	40.51	15.31	Peak	---	---
5	15930.00	46.56	54.00	-7.44	32.61	13.95	Average	---	---
6	15930.00	62.43	74.00	-11.57	48.48	13.95	Peak	---	---

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

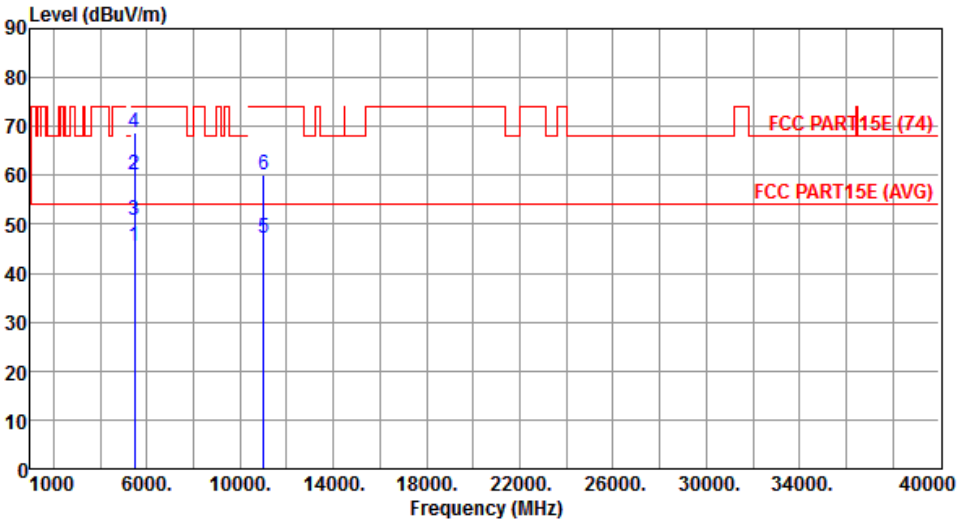
Modulation	VHT40	Test Freq. (MHz)	5510
Polarization	Horizontal	Test Configuration	1



	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	47.08	54.00	-6.92	41.40	5.68	Average	---	---
2	5460.00	62.02	74.00	-11.98	56.34	5.68	Peak	---	---
3	5470.00	53.00	54.00	-1.00	47.34	5.66	Average	---	---
4	5470.00	70.93	74.00	-3.07	65.27	5.66	Peak	---	---
5	11020.00	49.55	54.00	-4.45	34.13	15.42	Average	---	---
6	11020.00	62.09	74.00	-11.91	46.67	15.42	Peak	---	---

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

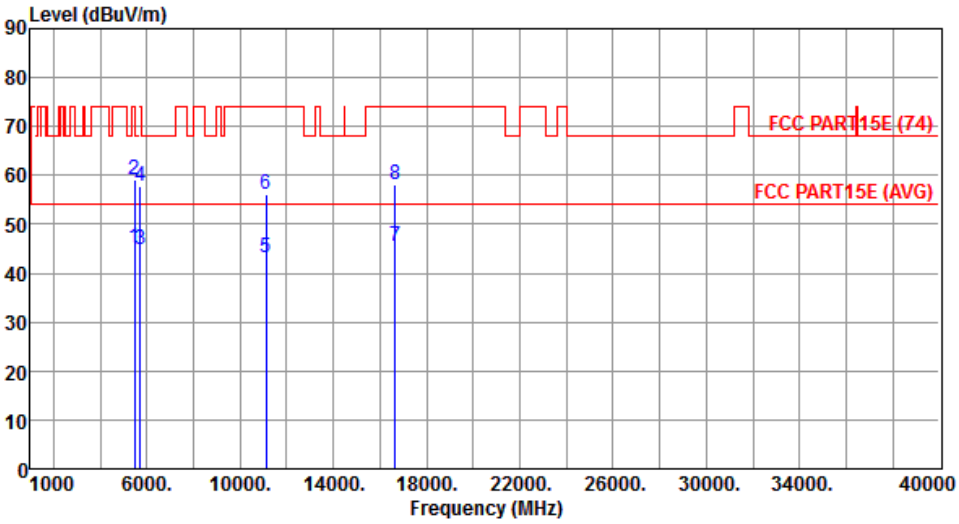
Modulation	VHT40	Test Freq. (MHz)	5510
Polarization	Vertical	Test Configuration	1



	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	45.38	54.00	-8.62	39.70	5.68	Average	---	---
2	5460.00	60.27	74.00	-13.73	54.59	5.68	Peak	---	---
3	5470.00	50.86	54.00	-3.14	45.20	5.66	Average	---	---
4	5470.00	68.76	74.00	-5.24	63.10	5.66	Peak	---	---
5	11020.00	47.21	54.00	-6.79	31.79	15.42	Average	---	---
6	11020.00	60.02	74.00	-13.98	44.60	15.42	Peak	---	---

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

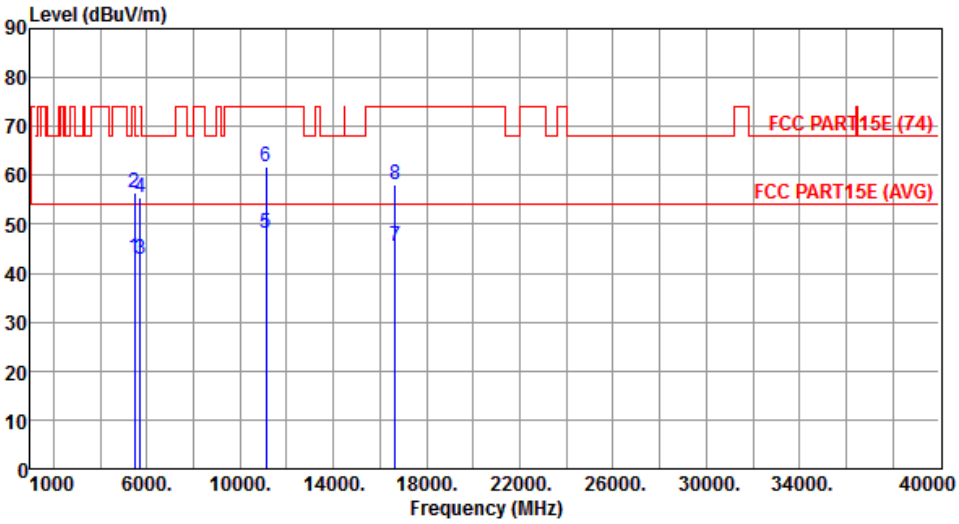
Modulation	VHT40	Test Freq. (MHz)	5550
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5470.00	45.22	54.00	-8.78	39.56	5.66	Average	---	---
2	5470.00	59.05	74.00	-14.95	53.39	5.66	Peak	---	---
3	5725.00	44.94	54.00	-9.06	39.36	5.58	Average	---	---
4	5725.00	57.66	74.00	-16.34	52.08	5.58	Peak	---	---
5	11100.00	43.06	54.00	-10.94	27.79	15.27	Average	---	---
6	11100.00	56.08	74.00	-17.92	40.81	15.27	Peak	---	---
7	16650.00	45.63	54.00	-8.37	29.20	16.43	Average	---	---
8	16650.00	58.27	74.00	-15.73	41.84	16.43	Peak	---	---

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

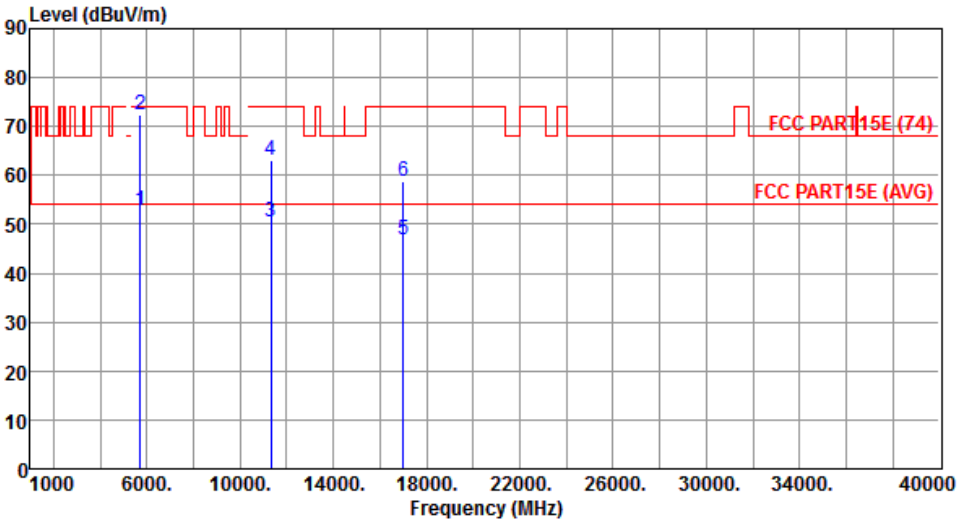
Modulation	VHT40	Test Freq. (MHz)	5550
Polarization	Vertical	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5470.00	43.22	54.00	-10.78	37.56	5.66	Average	---	---
2	5470.00	56.49	74.00	-17.51	50.83	5.66	Peak	---	---
3	5725.00	42.96	54.00	-11.04	37.38	5.58	Average	---	---
4	5725.00	55.50	74.00	-18.50	49.92	5.58	Peak	---	---
5	11100.00	48.26	54.00	-5.74	32.99	15.27	Average	---	---
6	11100.00	61.62	74.00	-12.38	46.35	15.27	Peak	---	---
7	16650.00	45.41	54.00	-8.59	28.98	16.43	Average	---	---
8	16650.00	58.04	74.00	-15.96	41.61	16.43	Peak	---	---

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

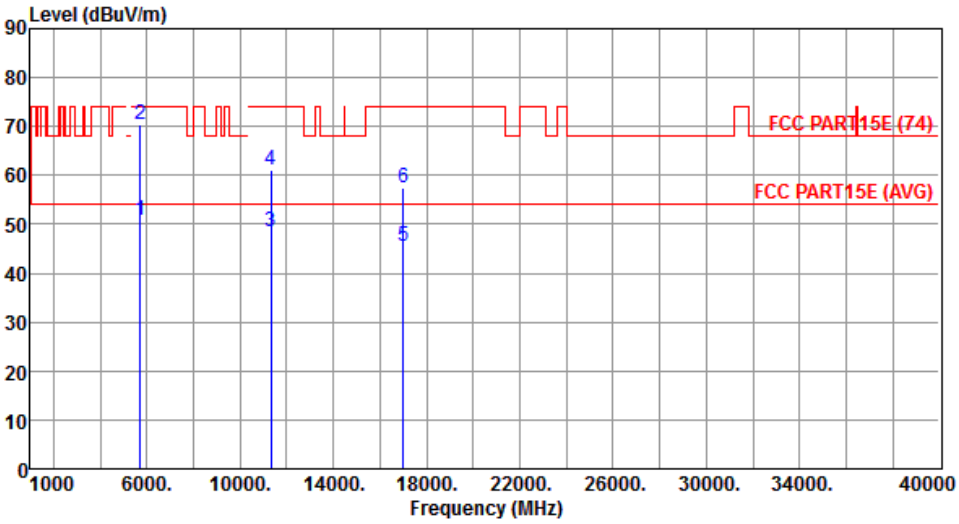
Modulation	VHT40	Test Freq. (MHz)	5670
Polarization	Horizontal	Test Configuration	1



	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	52.82	54.00	-1.18	47.24	5.58	Average	---	---
2	5725.00	72.46	74.00	-1.54	66.88	5.58	Peak	---	---
3	11340.00	50.55	54.00	-3.45	35.71	14.84	Average	---	---
4	11340.00	63.19	74.00	-10.81	48.35	14.84	Peak	---	---
5	17010.00	46.87	54.00	-7.13	29.54	17.33	Average	---	---
6	17010.00	58.63	74.00	-15.37	41.30	17.33	Peak	---	---

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

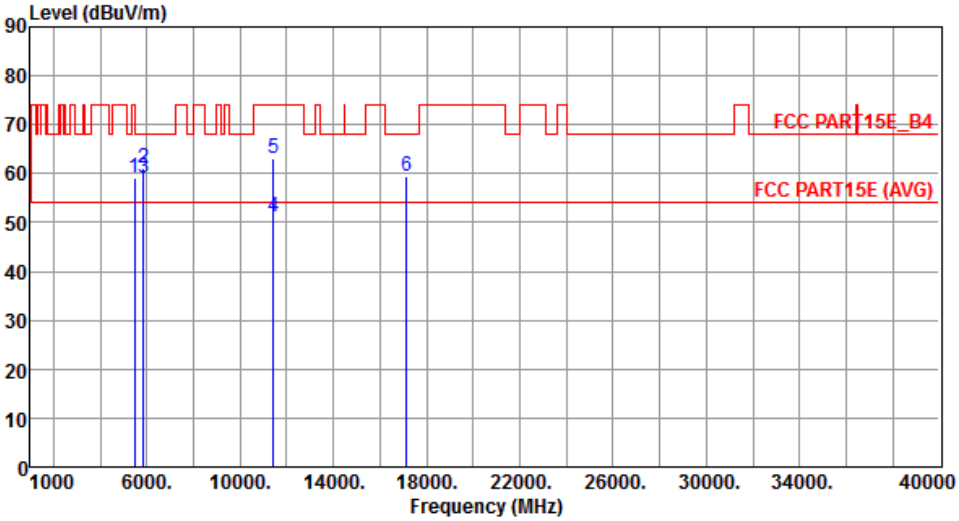
Modulation	VHT40	Test Freq. (MHz)	5670
Polarization	Vertical	Test Configuration	1



	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	50.73	54.00	-3.27	45.15	5.58	Average	---	---
2	5725.00	70.28	74.00	-3.72	64.70	5.58	Peak	---	---
3	11340.00	48.37	54.00	-5.63	33.53	14.84	Average	---	---
4	11340.00	61.18	74.00	-12.82	46.34	14.84	Peak	---	---
5	17010.00	45.66	54.00	-8.34	28.33	17.33	Average	---	---
6	17010.00	57.39	74.00	-16.61	40.06	17.33	Peak	---	---

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

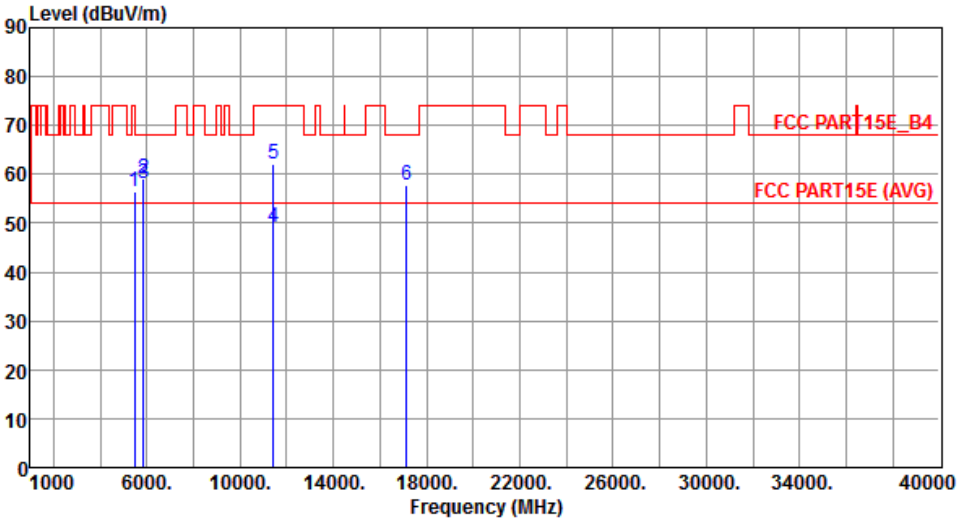
Modulation	VHT40	Test Freq. (MHz)	5710
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5470.00	58.99	68.20	-9.21	53.33	5.66	Peak	---	---
2	5850.00	61.05	78.20	-17.15	55.43	5.62	Peak	---	---
3	5860.00	59.05	68.20	-9.15	53.43	5.62	Peak	---	---
4	11420.00	51.09	54.00	-2.91	36.39	14.70	Average	---	---
5	11420.00	63.04	74.00	-10.96	48.34	14.70	Peak	---	---
6	17130.00	59.58	68.20	-8.62	41.77	17.81	Peak	---	---

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

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

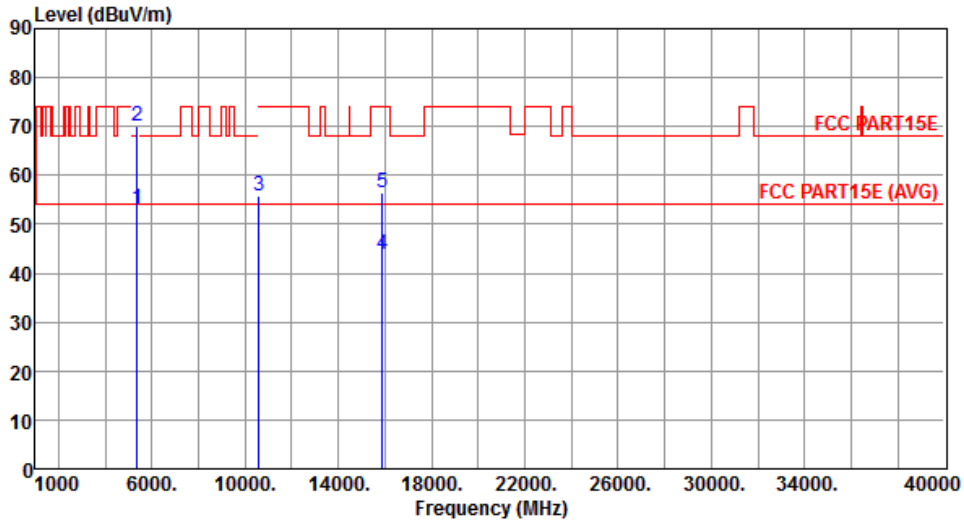


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5470.00	56.48	68.20	-11.72	50.82	5.66	Peak	---	---
2	5850.00	58.99	78.20	-19.21	53.37	5.62	Peak	---	---
3	5860.00	58.28	68.20	-9.92	52.66	5.62	Peak	---	---
4	11420.00	49.12	54.00	-4.88	34.42	14.70	Average	---	---
5	11420.00	62.02	74.00	-11.98	47.32	14.70	Peak	---	---
6	17130.00	57.94	68.20	-10.26	40.13	17.81	Peak	---	---

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

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

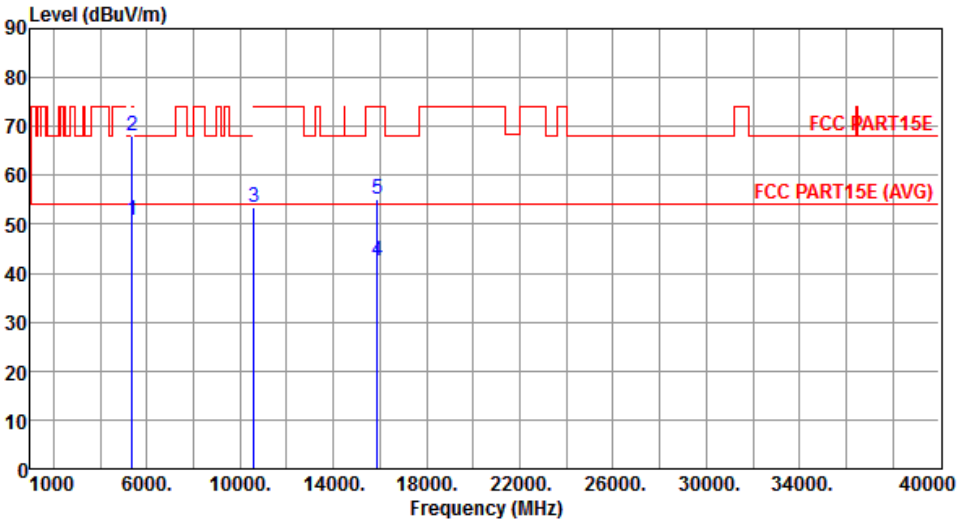
Modulation	VHT80	Test Freq. (MHz)	5290
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	52.99	54.00	-1.01	47.28	5.71	Average	---	---
2	5350.00	70.11	74.00	-3.89	64.40	5.71	Peak	---	---
3	10580.00	55.69	68.20	-12.51	40.41	15.28	Peak	---	---
4	15870.00	43.76	54.00	-10.24	29.72	14.04	Average	---	---
5	15870.00	56.37	74.00	-17.63	42.33	14.04	Peak	---	---

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

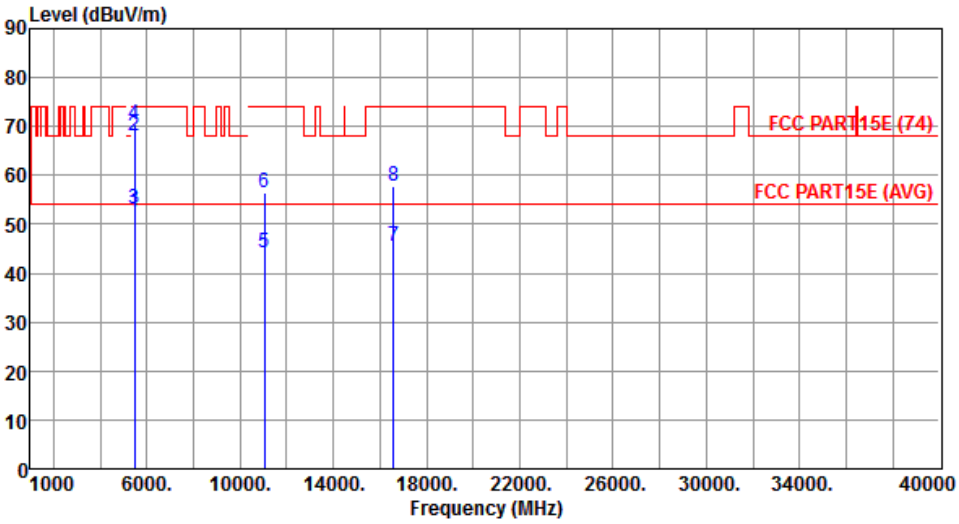
Modulation	VHT80	Test Freq. (MHz)	5290
Polarization	Vertical	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	50.89	54.00	-3.11	45.18	5.71	Average	---	---
2	5350.00	68.06	74.00	-5.94	62.35	5.71	Peak	---	---
3	10580.00	53.62	68.20	-14.58	38.34	15.28	Peak	---	---
4	15870.00	42.56	54.00	-11.44	28.52	14.04	Average	---	---
5	15870.00	55.23	74.00	-18.77	41.19	14.04	Peak	---	---

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

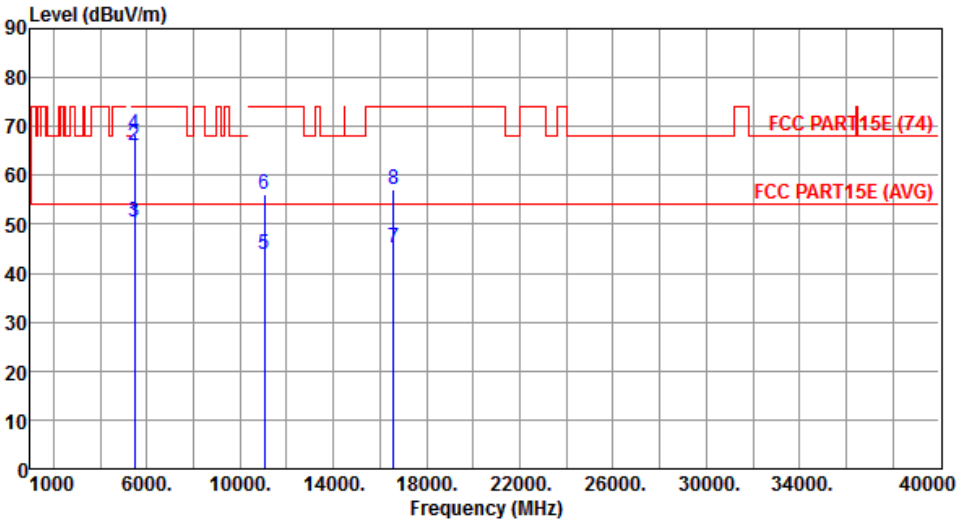
Modulation	VHT80	Test Freq. (MHz)	5530
Polarization	Horizontal	Test Configuration	1



	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	52.33	54.00	-1.67	46.65	5.68	Average	---	---
2	5460.00	68.07	74.00	-5.93	62.39	5.68	Peak	---	---
3	5470.00	52.98	54.00	-1.02	47.32	5.66	Average	---	---
4	5470.00	70.31	74.00	-3.69	64.65	5.66	Peak	---	---
5	11060.00	44.15	54.00	-9.85	28.80	15.35	Average	---	---
6	11060.00	56.49	74.00	-17.51	41.14	15.35	Peak	---	---
7	16590.00	45.53	54.00	-8.47	29.26	16.27	Average	---	---
8	16590.00	57.79	74.00	-16.21	41.52	16.27	Peak	---	---

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

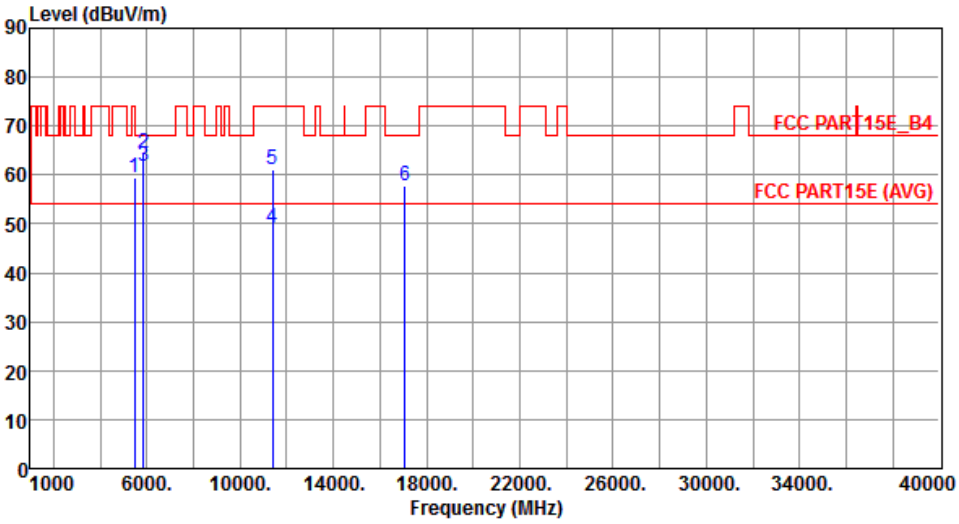
Modulation	VHT80	Test Freq. (MHz)	5530
Polarization	Vertical	Test Configuration	1



	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	50.13	54.00	-3.87	44.45	5.68	Average	---	---
2	5460.00	66.10	74.00	-7.90	60.42	5.68	Peak	---	---
3	5470.00	50.59	54.00	-3.41	44.93	5.66	Average	---	---
4	5470.00	68.26	74.00	-5.74	62.60	5.66	Peak	---	---
5	11060.00	43.74	54.00	-10.26	28.39	15.35	Average	---	---
6	11060.00	56.02	74.00	-17.98	40.67	15.35	Peak	---	---
7	16590.00	45.08	54.00	-8.92	28.81	16.27	Average	---	---
8	16590.00	57.27	74.00	-16.73	41.00	16.27	Peak	---	---

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

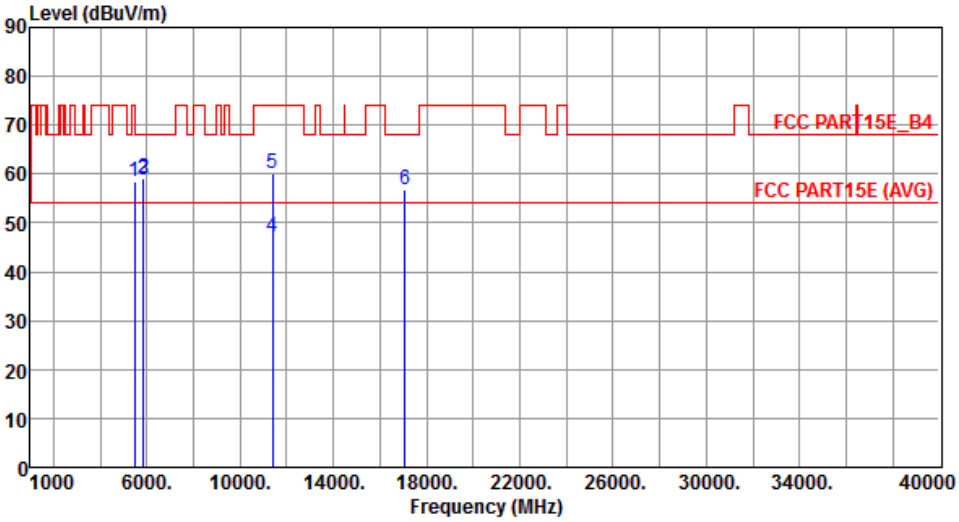
Modulation	VHT80	Test Freq. (MHz)	5690
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5470.00	59.31	68.20	-8.89	53.65	5.66	Peak	---	---
2	5850.00	64.27	78.20	-13.93	58.65	5.62	Peak	---	---
3	5860.00	61.94	68.20	-6.26	56.32	5.62	Peak	---	---
4	11380.00	49.13	54.00	-4.87	34.36	14.77	Average	---	---
5	11380.00	61.27	74.00	-12.73	46.50	14.77	Peak	---	---
6	17070.00	57.88	68.20	-10.32	40.30	17.58	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).

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



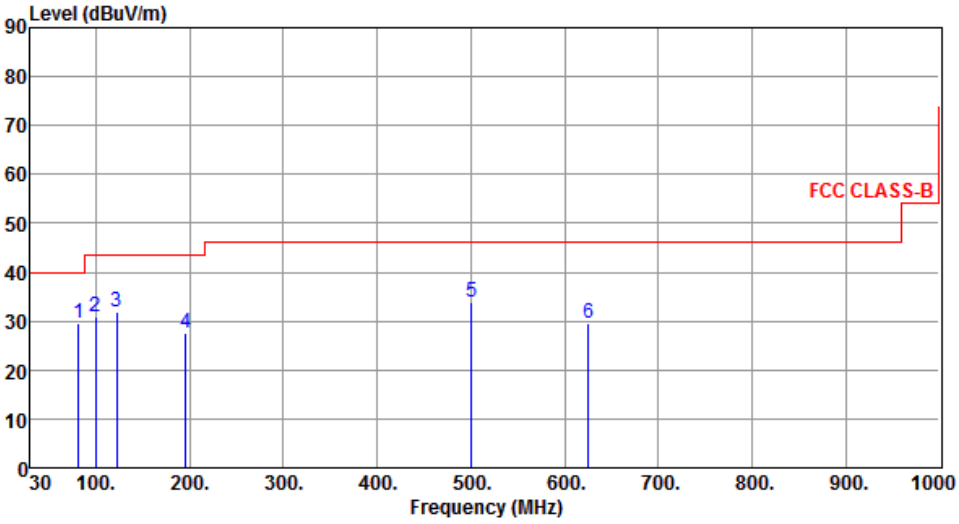
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5470.00	58.38	68.20	-9.82	52.72	5.66	Peak	---	---
2	5850.00	59.16	78.20	-19.04	53.54	5.62	Peak	---	---
3	5860.00	58.74	68.20	-9.46	53.12	5.62	Peak	---	---
4	11380.00	47.02	54.00	-6.98	32.25	14.77	Average	---	---
5	11380.00	60.00	74.00	-14.00	45.23	14.77	Peak	---	---
6	17070.00	56.88	68.20	-11.32	39.30	17.58	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).

(Configuration 2: External Dipole antenna)

3.5.10 Transmitter Radiated Unwanted Emissions (Below 1GHz)_Adapter mode

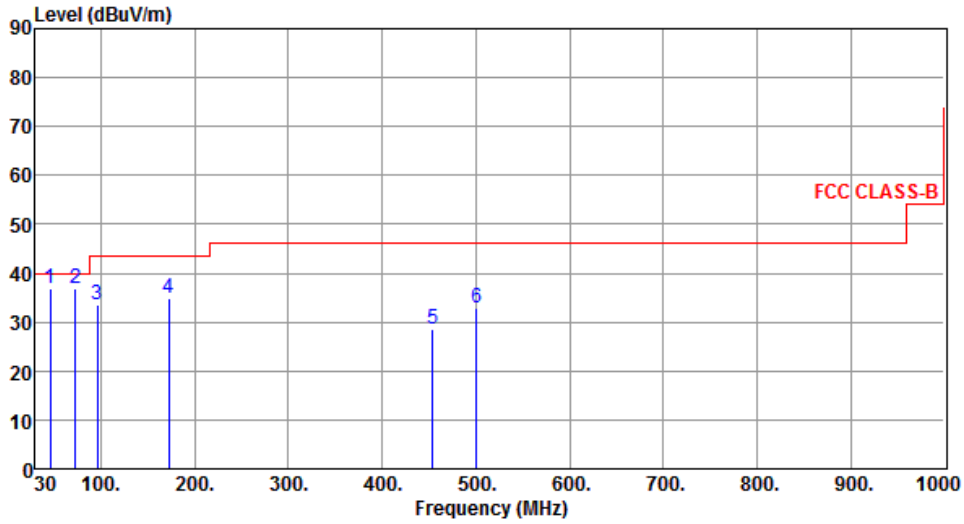
Modulation	VHT40	Test Freq. (MHz)	5270
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	81.53	29.56	40.00	-10.44	51.40	-21.84	Peak	---	---
2	99.94	30.97	43.50	-12.53	52.81	-21.84	Peak	---	---
3	122.15	31.84	43.50	-11.66	50.79	-18.95	Peak	---	---
4	195.75	27.71	43.50	-15.79	47.34	-19.63	Peak	---	---
5	500.43	33.76	46.00	-12.24	45.30	-11.54	Peak	---	---
6	625.58	29.53	46.00	-16.47	38.71	-9.18	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

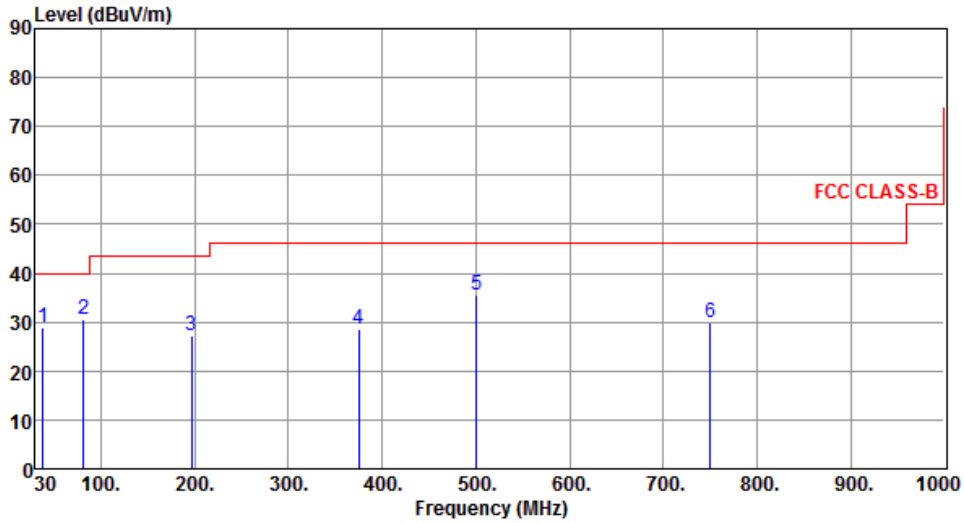


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	45.76	36.97	40.00	-3.03	53.72	-16.75	Peak	---	---
2	72.65	36.87	40.00	-3.13	56.88	-20.01	Peak	---	---
3	96.46	33.45	43.50	-10.05	55.72	-22.27	Peak	---	---
4	172.59	34.76	43.50	-8.74	52.48	-17.72	Peak	---	---
5	453.92	28.58	46.00	-17.42	41.03	-12.45	Peak	---	---
6	500.45	32.75	46.00	-13.25	44.29	-11.54	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.

3.5.11 Transmitter Radiated Unwanted Emissions (Below 1GHz)_POE mode

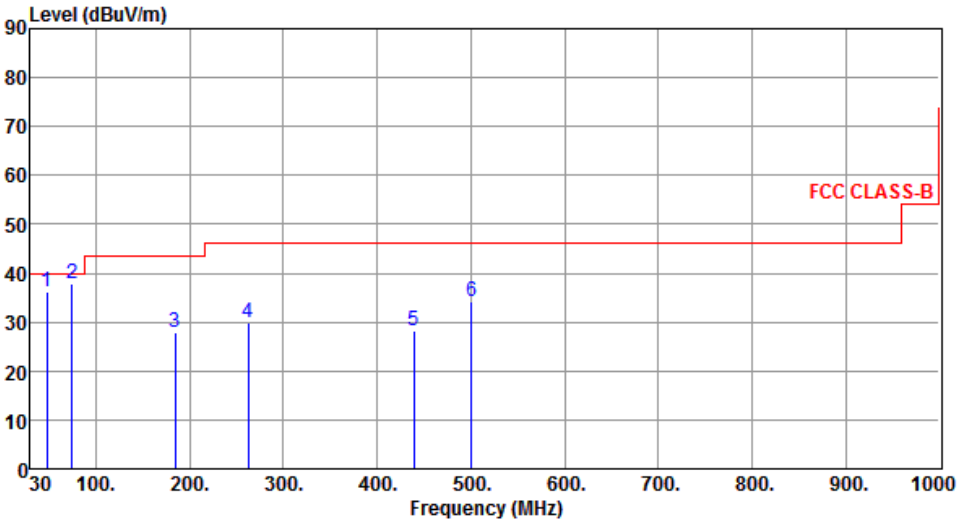
Modulation	VHT40	Test Freq. (MHz)	5270
Polarization	Horizontal	Test Configuration	6



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	37.86	28.97	40.00	-11.03	46.18	-17.21	Peak	---	---
2	81.45	30.63	40.00	-9.37	52.46	-21.83	Peak	---	---
3	196.84	27.24	43.50	-16.26	46.88	-19.64	Peak	---	---
4	375.50	28.53	46.00	-17.47	42.87	-14.34	Peak	---	---
5	500.53	35.66	46.00	-10.34	47.20	-11.54	Peak	---	---
6	749.79	29.91	46.00	-16.09	37.15	-7.24	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	6

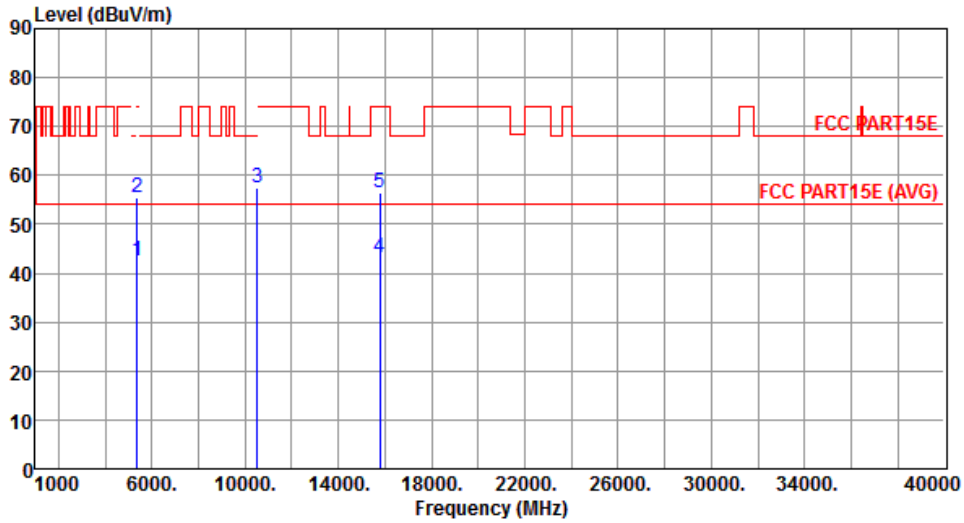


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	47.53	36.24	40.00	-3.76	52.89	-16.65	Peak	---	---
2	74.65	37.89	40.00	-2.11	58.37	-20.48	Peak	---	---
3	184.26	27.83	43.50	-15.67	46.81	-18.98	Peak	---	---
4	262.54	29.98	46.00	-16.02	47.46	-17.48	Peak	---	---
5	439.37	28.12	46.00	-17.88	40.88	-12.76	Peak	---	---
6	500.53	34.26	46.00	-11.74	45.80	-11.54	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.

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

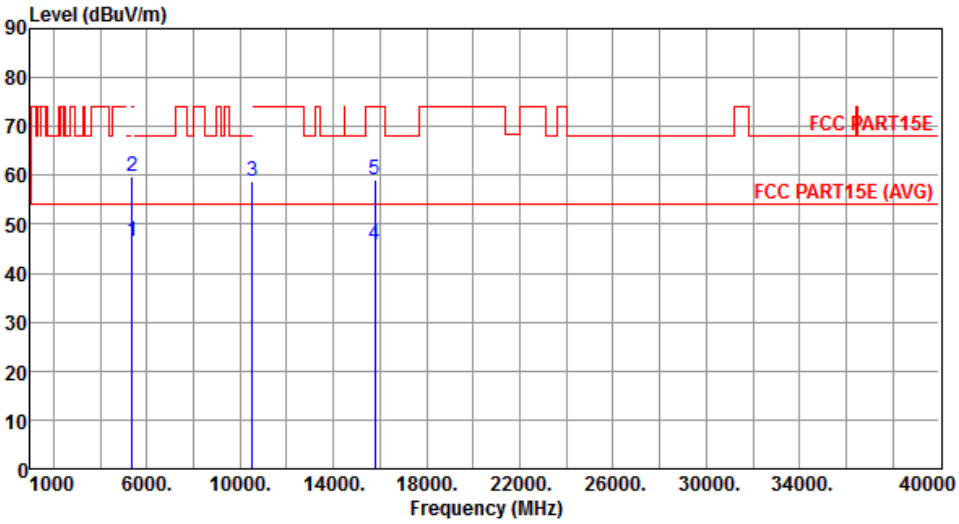
Modulation	11a	Test Freq. (MHz)	5260
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	42.65	54.00	-11.35	36.94	5.71	Average	---	---
2	5350.00	55.45	74.00	-18.55	49.74	5.71	Peak	---	---
3	10520.00	57.33	68.20	-10.87	42.06	15.27	Peak	---	---
4	15780.00	43.14	54.00	-10.86	28.96	14.18	Average	---	---
5	15780.00	56.31	74.00	-17.69	42.13	14.18	Peak	---	---

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

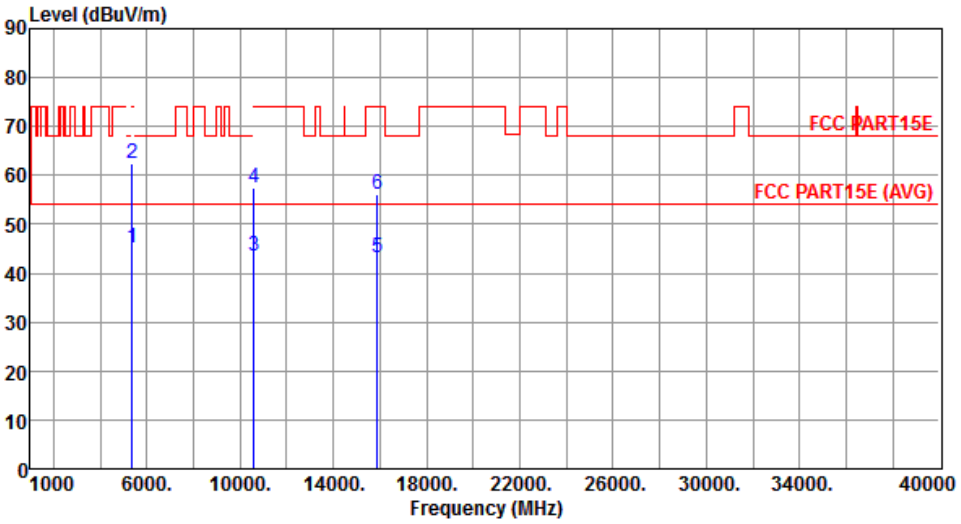
Modulation	11a	Test Freq. (MHz)	5260
Polarization	Vertical	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	46.50	54.00	-7.50	40.79	5.71	Average	---	---
2	5350.00	59.68	74.00	-14.32	53.97	5.71	Peak	---	---
3	10520.00	58.94	68.20	-9.26	43.67	15.27	Peak	---	---
4	15780.00	45.91	54.00	-8.09	31.73	14.18	Average	---	---
5	15780.00	59.22	74.00	-14.78	45.04	14.18	Peak	---	---

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

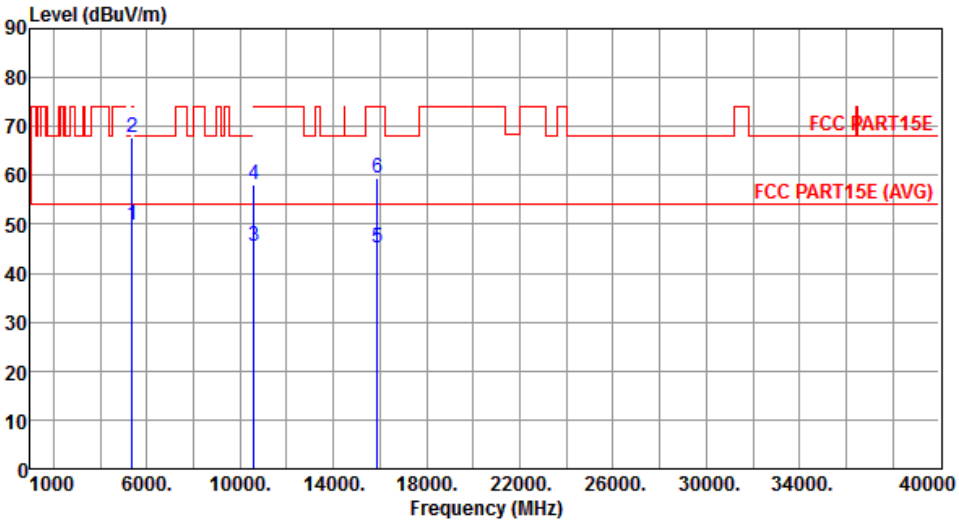
Modulation	11a	Test Freq. (MHz)	5300
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	45.15	54.00	-8.85	39.44	5.71	Average	---	---
2	5350.00	62.31	74.00	-11.69	56.60	5.71	Peak	---	---
3	10600.00	43.50	54.00	-10.50	28.20	15.30	Average	---	---
4	10600.00	57.37	74.00	-16.63	42.07	15.30	Peak	---	---
5	15900.00	43.19	54.00	-10.81	29.19	14.00	Average	---	---
6	15900.00	56.21	74.00	-17.79	42.21	14.00	Peak	---	---

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

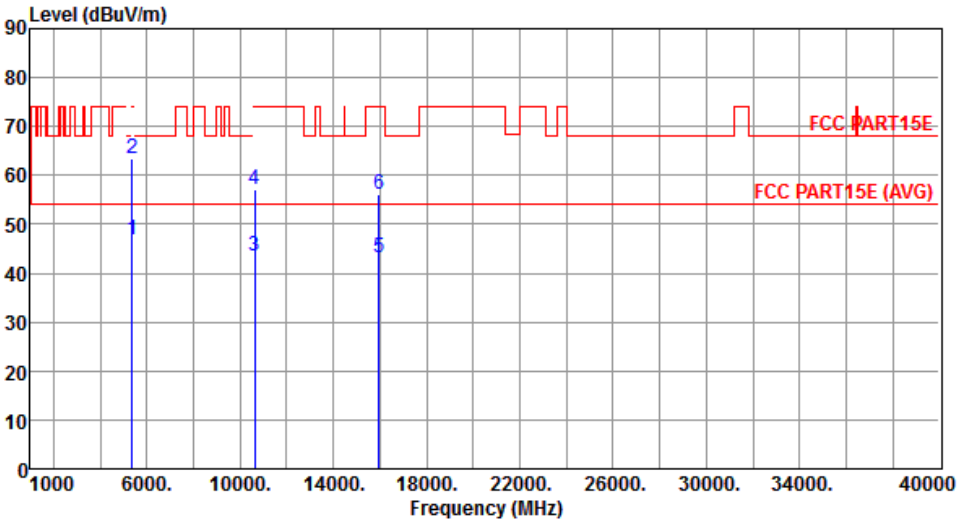
Modulation	11a	Test Freq. (MHz)	5300
Polarization	Vertical	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	49.81	54.00	-4.19	44.10	5.71	Average	---	---
2	5350.00	67.68	74.00	-6.32	61.97	5.71	Peak	---	---
3	10600.00	45.44	54.00	-8.56	30.14	15.30	Average	---	---
4	10600.00	58.22	74.00	-15.78	42.92	15.30	Peak	---	---
5	15900.00	45.25	54.00	-8.75	31.25	14.00	Average	---	---
6	15900.00	59.61	74.00	-14.39	45.61	14.00	Peak	---	---

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

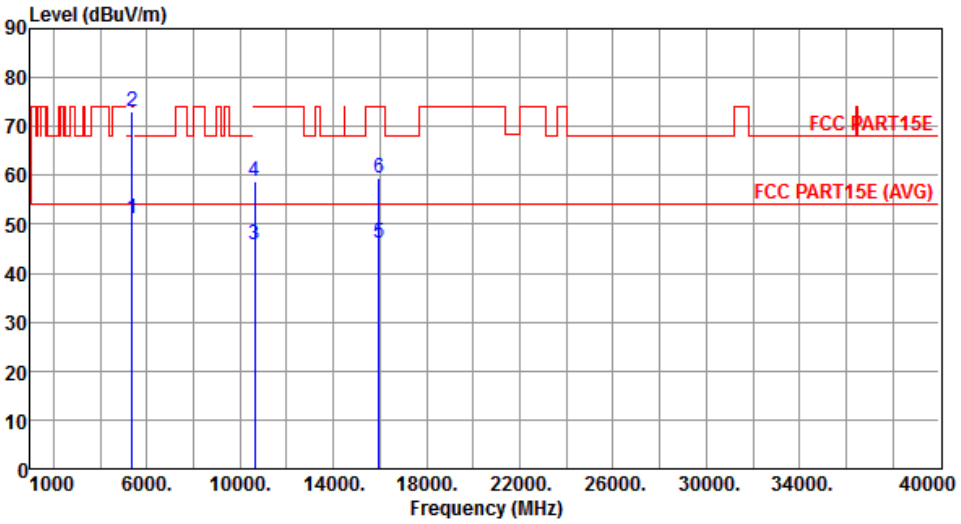
Modulation	11a	Test Freq. (MHz)	5320
Polarization	Horizontal	Test Configuration	2



	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	46.89	54.00	-7.11	41.18	5.71	Average	---	---
2	5350.00	63.49	74.00	-10.51	57.78	5.71	Peak	---	---
3	10640.00	43.55	54.00	-10.45	28.23	15.32	Average	---	---
4	10640.00	57.01	74.00	-16.99	41.69	15.32	Peak	---	---
5	15960.00	43.05	54.00	-10.95	29.14	13.91	Average	---	---
6	15960.00	56.18	74.00	-17.82	42.27	13.91	Peak	---	---

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

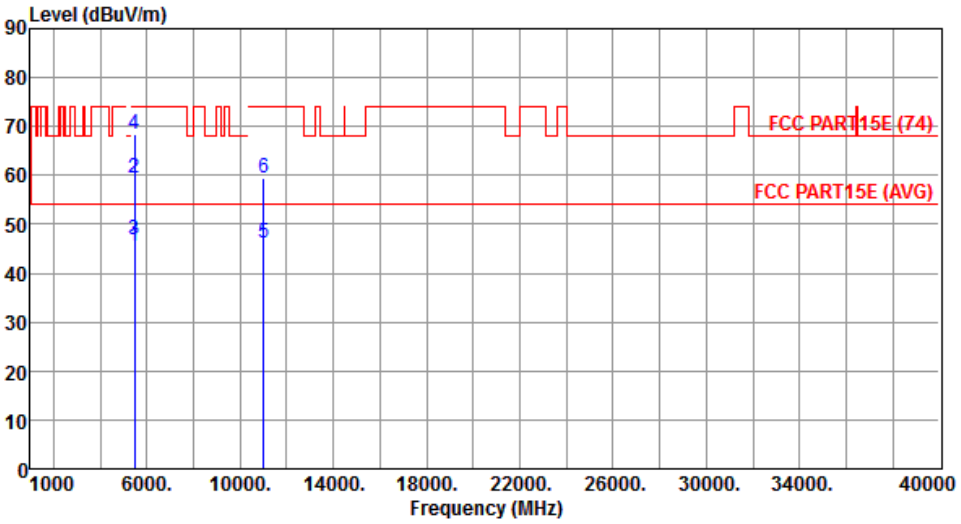
Modulation	11a	Test Freq. (MHz)	5320
Polarization	Vertical	Test Configuration	2



	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	51.19	54.00	-2.81	45.48	5.71	Average	---	---
2	5350.00	73.00	74.00	-1.00	67.29	5.71	Peak	---	---
3	10640.00	45.89	54.00	-8.11	30.57	15.32	Average	---	---
4	10640.00	58.78	74.00	-15.22	43.46	15.32	Peak	---	---
5	15960.00	46.11	54.00	-7.89	32.20	13.91	Average	---	---
6	15960.00	59.39	74.00	-14.61	45.48	13.91	Peak	---	---

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

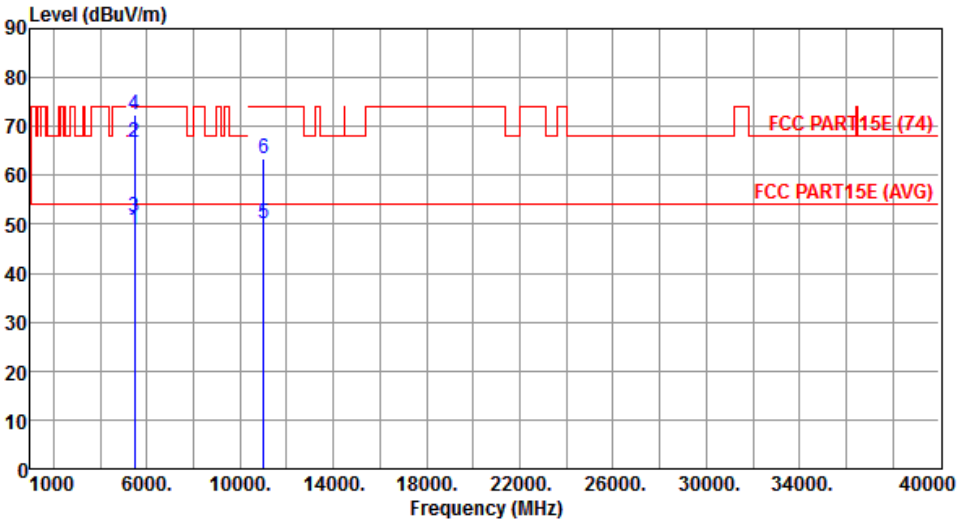
Modulation	11a	**Test Freq. (MHz)**	5500
Polarization	Horizontal	**Test Configuration**	2



	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	45.44	54.00	-8.56	39.76	5.68	Average	---	---
2	5460.00	59.45	74.00	-14.55	53.77	5.68	Peak	---	---
3	5470.00	46.74	54.00	-7.26	41.08	5.66	Average	---	---
4	5470.00	68.35	74.00	-5.65	62.69	5.66	Peak	---	---
5	11000.00	46.10	54.00	-7.90	30.65	15.45	Average	---	---
6	11000.00	59.47	74.00	-14.53	44.02	15.45	Peak	---	---

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

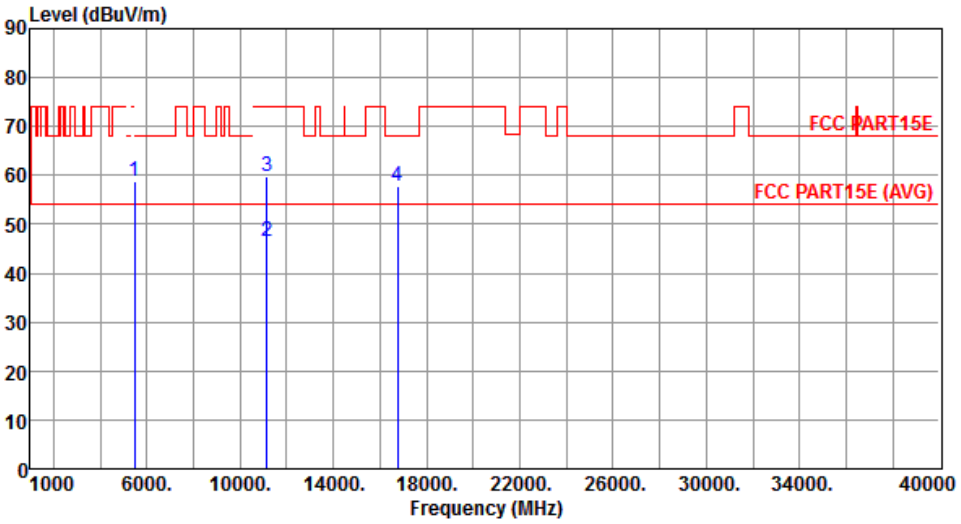
Modulation	11a	Test Freq. (MHz)	5500
Polarization	Vertical	Test Configuration	2



	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	48.90	54.00	-5.10	43.22	5.68	Average	---	---
2	5460.00	66.85	74.00	-7.15	61.17	5.68	Peak	---	---
3	5470.00	51.61	54.00	-2.39	45.95	5.66	Average	---	---
4	5470.00	72.25	74.00	-1.75	66.59	5.66	Peak	---	---
5	11000.00	50.12	54.00	-3.88	34.67	15.45	Average	---	---
6	11000.00	63.43	74.00	-10.57	47.98	15.45	Peak	---	---

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

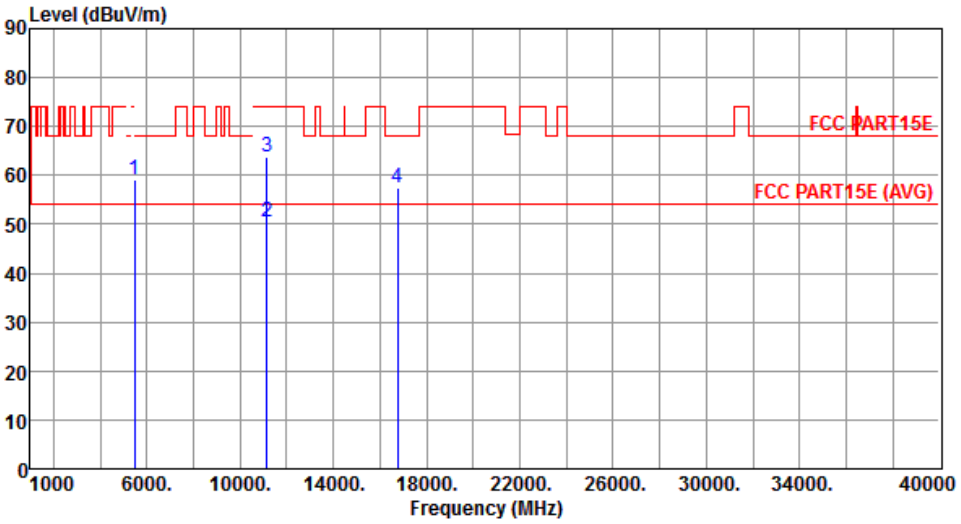
Modulation	11a	Test Freq. (MHz)	5580
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5470.00	58.74	68.20	-9.46	53.08	5.66	Peak	---	---
2	11160.00	46.40	54.00	-7.60	31.23	15.17	Average	---	---
3	11160.00	59.91	74.00	-14.09	44.74	15.17	Peak	---	---
4	16740.00	57.78	68.20	-10.42	41.14	16.64	Peak	---	---

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

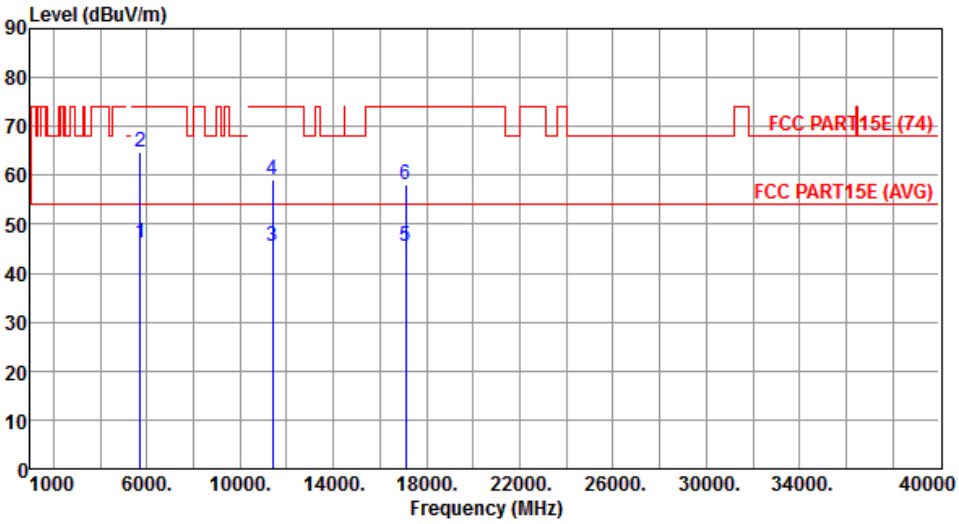
Modulation	11a	Test Freq. (MHz)	5580
Polarization	Vertical	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5470.00	59.24	68.20	-8.96	53.58	5.66	Peak	---	---
2	11160.00	50.64	54.00	-3.36	35.47	15.17	Average	---	---
3	11160.00	63.84	74.00	-10.16	48.67	15.17	Peak	---	---
4	16740.00	57.36	68.20	-10.84	40.72	16.64	Peak	---	---

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

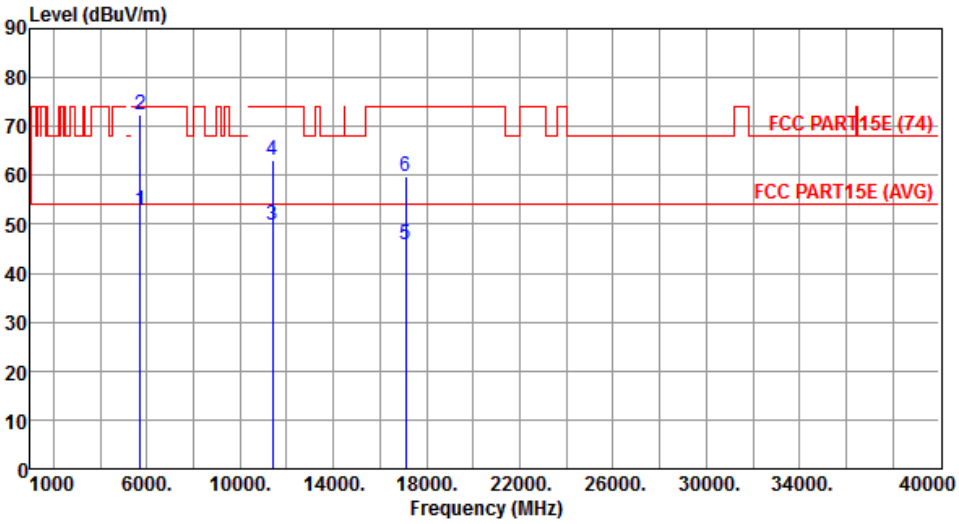
Modulation	11a	Test Freq. (MHz)	5700
Polarization	Horizontal	Test Configuration	2



	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	46.19	54.00	-7.81	40.61	5.58	Average	---	---
2	5725.00	64.81	74.00	-9.19	59.23	5.58	Peak	---	---
3	11400.00	45.56	54.00	-8.44	30.82	14.74	Average	---	---
4	11400.00	59.07	74.00	-14.93	44.33	14.74	Peak	---	---
5	17100.00	45.57	54.00	-8.43	27.87	17.70	Average	---	---
6	17100.00	58.17	74.00	-15.83	40.47	17.70	Peak	---	---

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

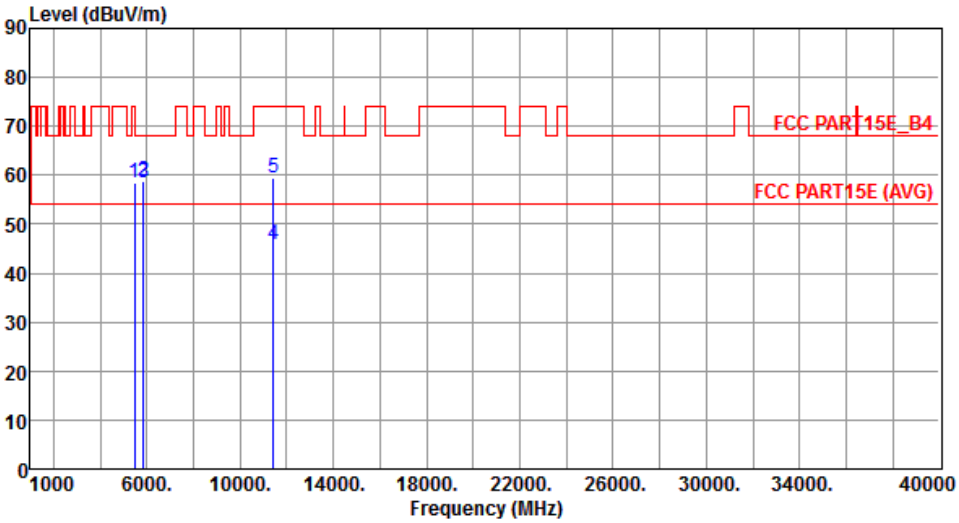
Modulation	11a	Test Freq. (MHz)	5700
Polarization	Vertical	Test Configuration	2



	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	52.83	54.00	-1.17	47.25	5.58	Average	---	---
2	5725.00	72.24	74.00	-1.76	66.66	5.58	Peak	---	---
3	11400.00	49.84	54.00	-4.16	35.10	14.74	Average	---	---
4	11400.00	62.97	74.00	-11.03	48.23	14.74	Peak	---	---
5	17100.00	45.85	54.00	-8.15	28.15	17.70	Average	---	---
6	17100.00	59.65	74.00	-14.35	41.95	17.70	Peak	---	---

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

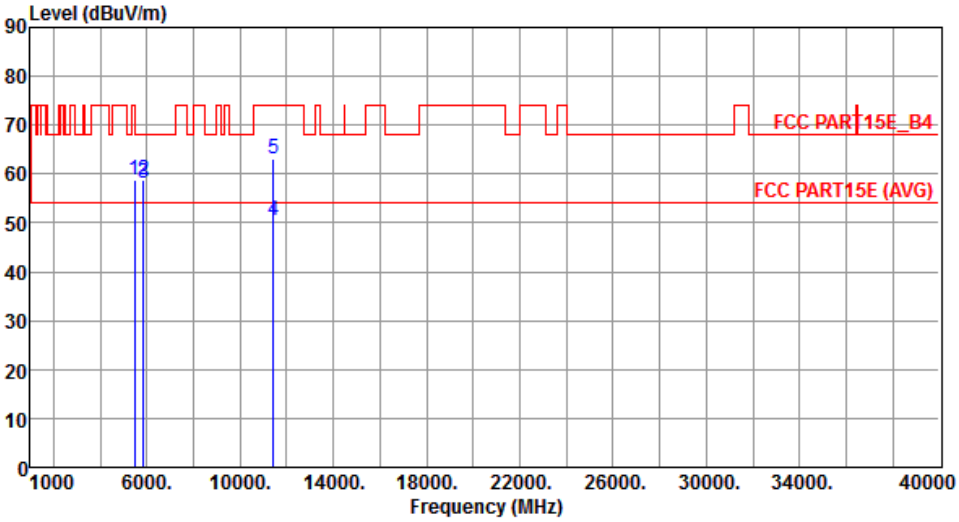
Modulation	11a	Test Freq. (MHz)	5720
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5470.00	58.49	68.20	-9.71	52.83	5.66	Peak	---	---
2	5850.00	58.86	78.20	-19.34	53.24	5.62	Peak	---	---
3	5860.00	58.61	68.20	-9.59	52.99	5.62	Peak	---	---
4	11440.00	45.84	54.00	-8.16	31.18	14.66	Average	---	---
5	11440.00	59.53	74.00	-14.47	44.87	14.66	Peak	---	---

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

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

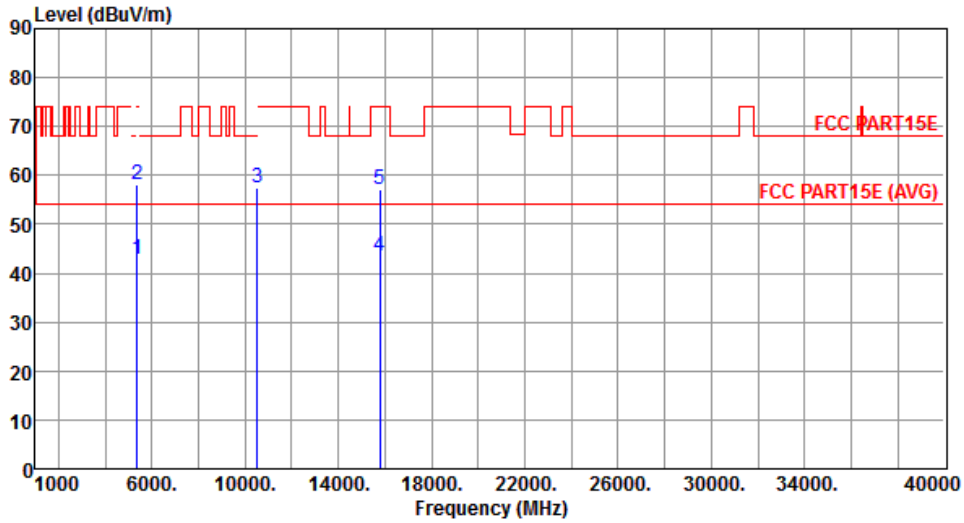


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5470.00	58.86	68.20	-9.34	53.20	5.66	Peak	---	---
2	5850.00	58.64	78.20	-19.56	53.02	5.62	Peak	---	---
3	5860.00	58.05	68.20	-10.15	52.43	5.62	Peak	---	---
4	11440.00	50.33	54.00	-3.67	35.67	14.66	Average	---	---
5	11440.00	63.24	74.00	-10.76	48.58	14.66	Peak	---	---

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

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

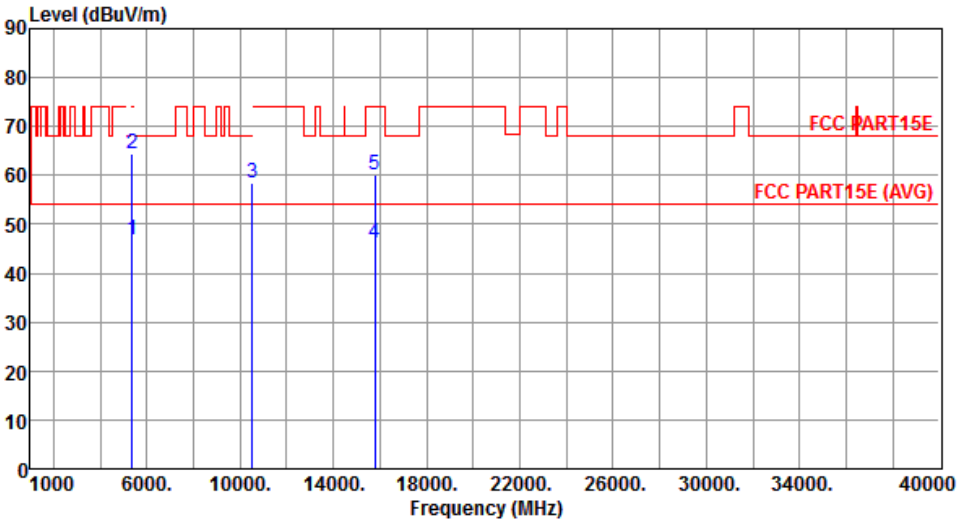
Modulation	VHT20	Test Freq. (MHz)	5260
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	42.97	54.00	-11.03	37.26	5.71	Average	---	---
2	5350.00	58.21	74.00	-15.79	52.50	5.71	Peak	---	---
3	10520.00	57.43	68.20	-10.77	42.16	15.27	Peak	---	---
4	15780.00	43.58	54.00	-10.42	29.40	14.18	Average	---	---
5	15780.00	57.02	74.00	-16.98	42.84	14.18	Peak	---	---

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

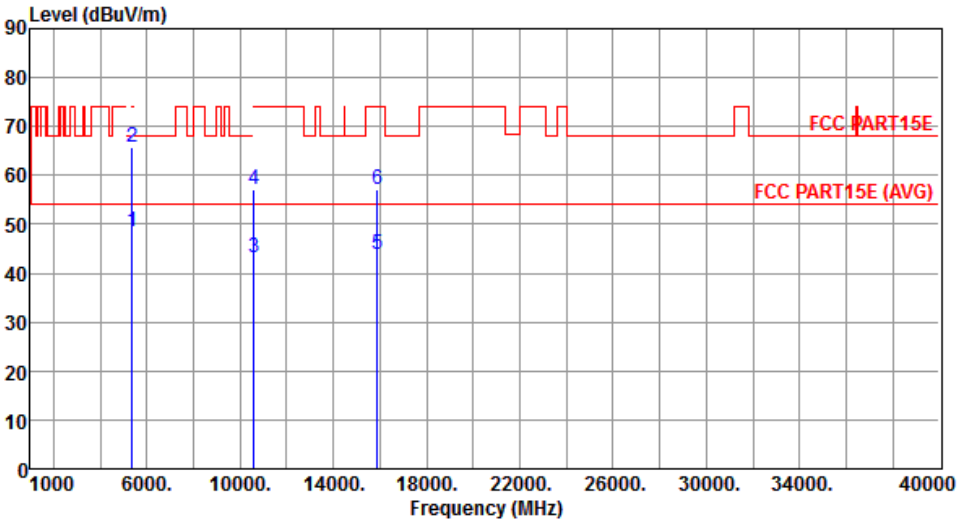
Modulation	VHT20	Test Freq. (MHz)	5260
Polarization	Vertical	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	46.79	54.00	-7.21	41.08	5.71	Average	---	---
2	5350.00	64.59	74.00	-9.41	58.88	5.71	Peak	---	---
3	10520.00	58.45	68.20	-9.75	43.18	15.27	Peak	---	---
4	15780.00	46.04	54.00	-7.96	31.86	14.18	Average	---	---
5	15780.00	60.08	74.00	-13.92	45.90	14.18	Peak	---	---

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

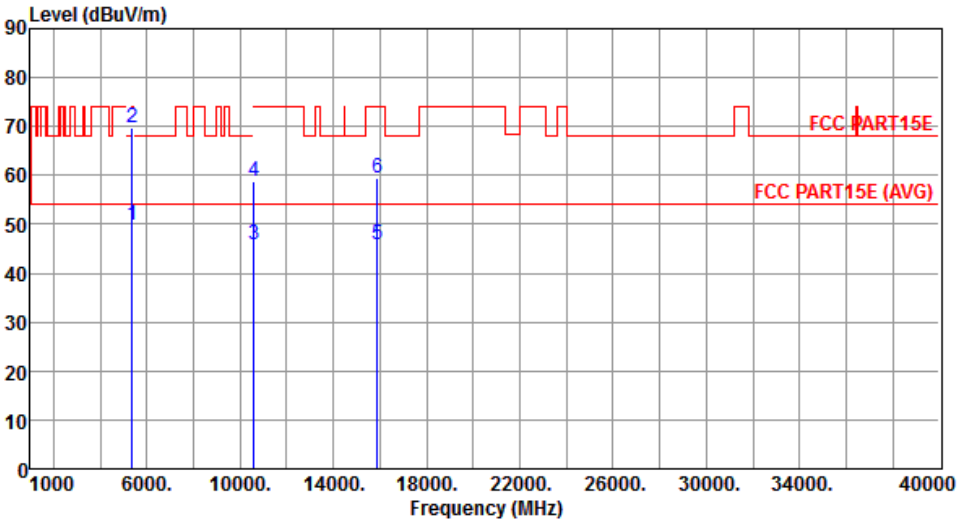
Modulation	VHT20	Test Freq. (MHz)	5300
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	48.43	54.00	-5.57	42.72	5.71	Average	---	---
2	5350.00	65.74	74.00	-8.26	60.03	5.71	Peak	---	---
3	10600.00	43.27	54.00	-10.73	27.97	15.30	Average	---	---
4	10600.00	57.06	74.00	-16.94	41.76	15.30	Peak	---	---
5	15900.00	43.94	54.00	-10.06	29.94	14.00	Average	---	---
6	15900.00	57.00	74.00	-17.00	43.00	14.00	Peak	---	---

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

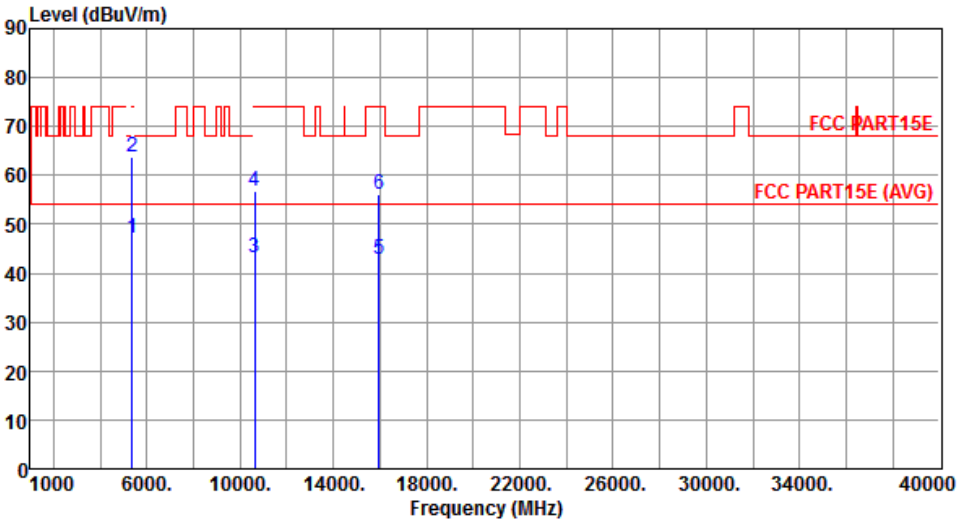
Modulation	VHT20	Test Freq. (MHz)	5300
Polarization	Vertical	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	49.96	54.00	-4.04	44.25	5.71	Average	---	---
2	5350.00	69.64	74.00	-4.36	63.93	5.71	Peak	---	---
3	10600.00	45.80	54.00	-8.20	30.50	15.30	Average	---	---
4	10600.00	58.86	74.00	-15.14	43.56	15.30	Peak	---	---
5	15900.00	45.89	54.00	-8.11	31.89	14.00	Average	---	---
6	15900.00	59.33	74.00	-14.67	45.33	14.00	Peak	---	---

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

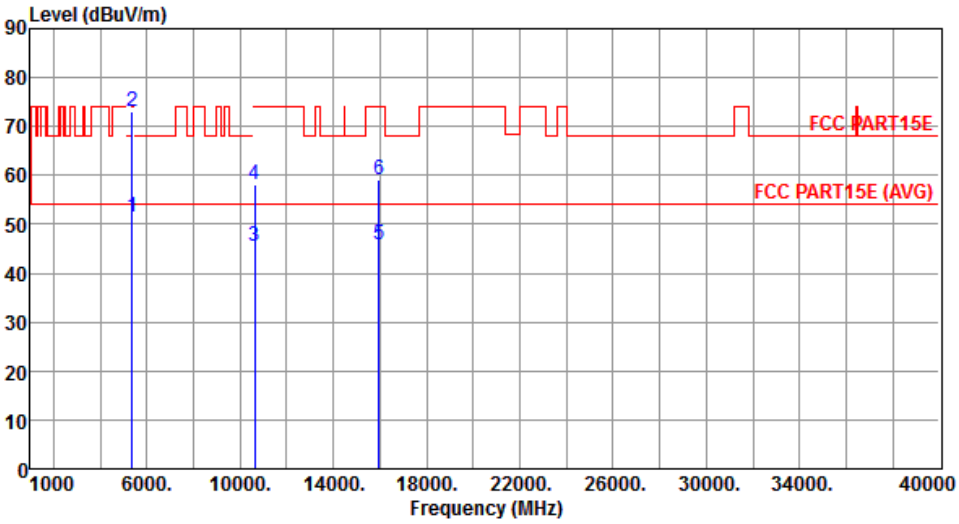
Modulation	VHT20	Test Freq. (MHz)	5320
Polarization	Horizontal	Test Configuration	2



	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	47.18	54.00	-6.82	41.47	5.71	Average	---	---
2	5350.00	63.75	74.00	-10.25	58.04	5.71	Peak	---	---
3	10640.00	43.26	54.00	-10.74	27.94	15.32	Average	---	---
4	10640.00	56.87	74.00	-17.13	41.55	15.32	Peak	---	---
5	15960.00	42.74	54.00	-11.26	28.83	13.91	Average	---	---
6	15960.00	56.02	74.00	-17.98	42.11	13.91	Peak	---	---

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

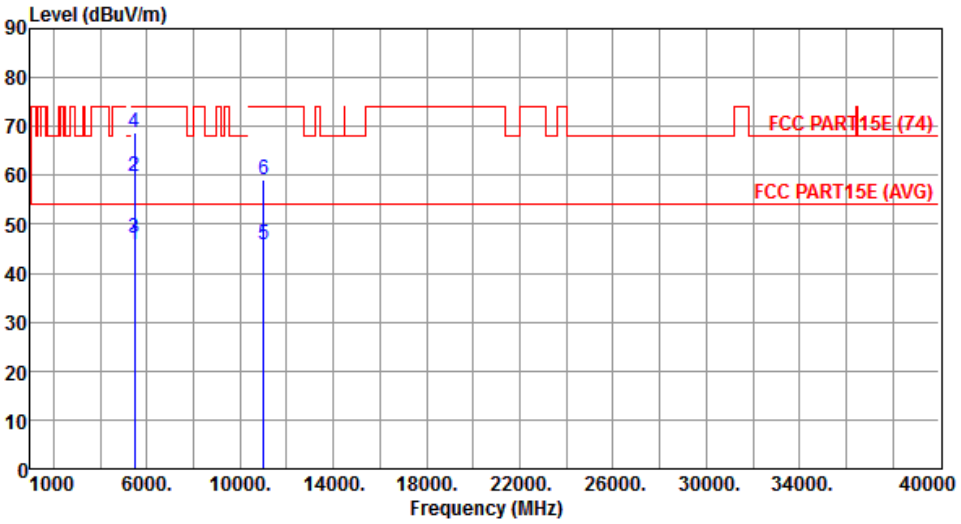
Modulation	VHT20	Test Freq. (MHz)	5320
Polarization	Vertical	Test Configuration	2



	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	51.44	54.00	-2.56	45.73	5.71	Average	---	---
2	5350.00	72.98	74.00	-1.02	67.27	5.71	Peak	---	---
3	10640.00	45.42	54.00	-8.58	30.10	15.32	Average	---	---
4	10640.00	58.27	74.00	-15.73	42.95	15.32	Peak	---	---
5	15960.00	45.97	54.00	-8.03	32.06	13.91	Average	---	---
6	15960.00	59.03	74.00	-14.97	45.12	13.91	Peak	---	---

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

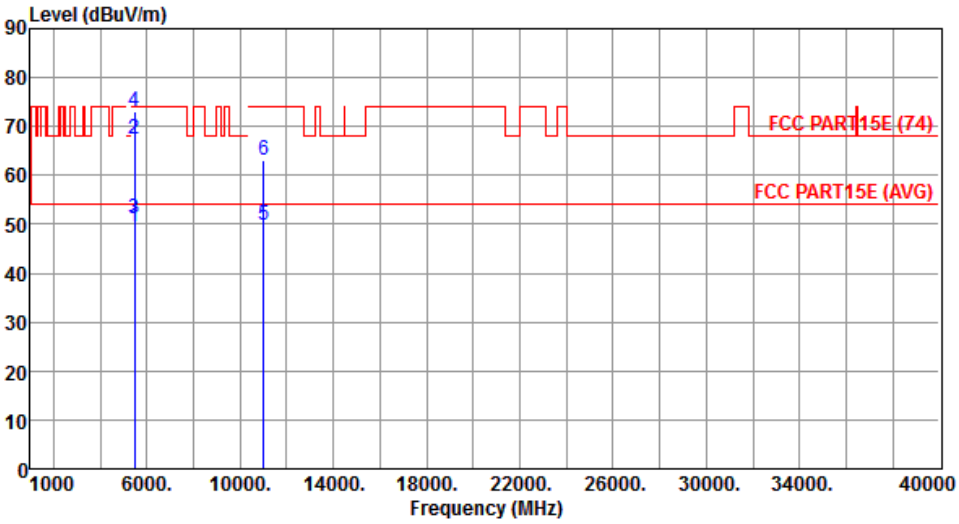
Modulation	VHT20	**Test Freq. (MHz)**	5500
Polarization	Horizontal	**Test Configuration**	2



	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	45.97	54.00	-8.03	40.29	5.68	Average	---	---
2	5460.00	59.86	74.00	-14.14	54.18	5.68	Peak	---	---
3	5470.00	47.18	54.00	-6.82	41.52	5.66	Average	---	---
4	5470.00	68.69	74.00	-5.31	63.03	5.66	Peak	---	---
5	11000.00	45.88	54.00	-8.12	30.43	15.45	Average	---	---
6	11000.00	59.14	74.00	-14.86	43.69	15.45	Peak	---	---

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

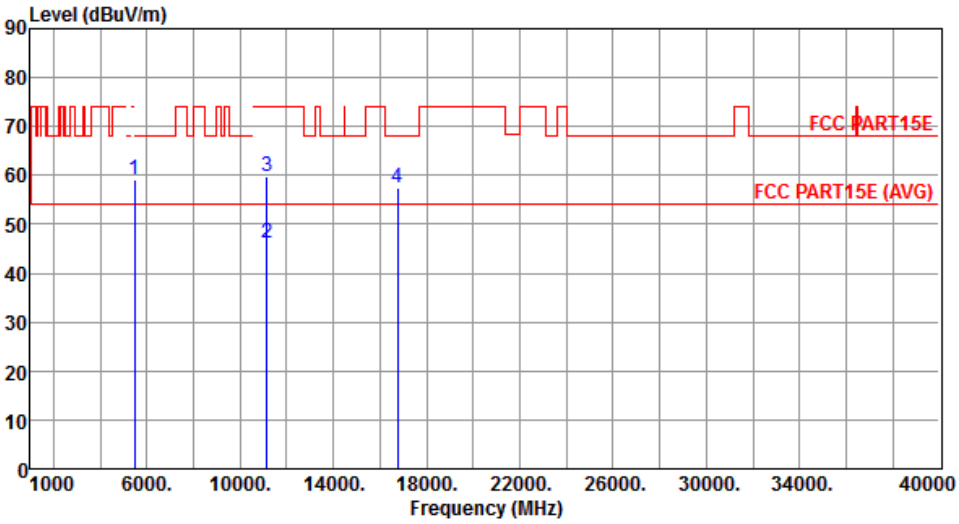
Modulation	VHT20	Test Freq. (MHz)	5500
Polarization	Vertical	Test Configuration	2



	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	49.33	54.00	-4.67	43.65	5.68	Average	---	---
2	5460.00	67.37	74.00	-6.63	61.69	5.68	Peak	---	---
3	5470.00	51.28	54.00	-2.72	45.62	5.66	Average	---	---
4	5470.00	72.91	74.00	-1.09	67.25	5.66	Peak	---	---
5	11000.00	49.75	54.00	-4.25	34.30	15.45	Average	---	---
6	11000.00	62.96	74.00	-11.04	47.51	15.45	Peak	---	---

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

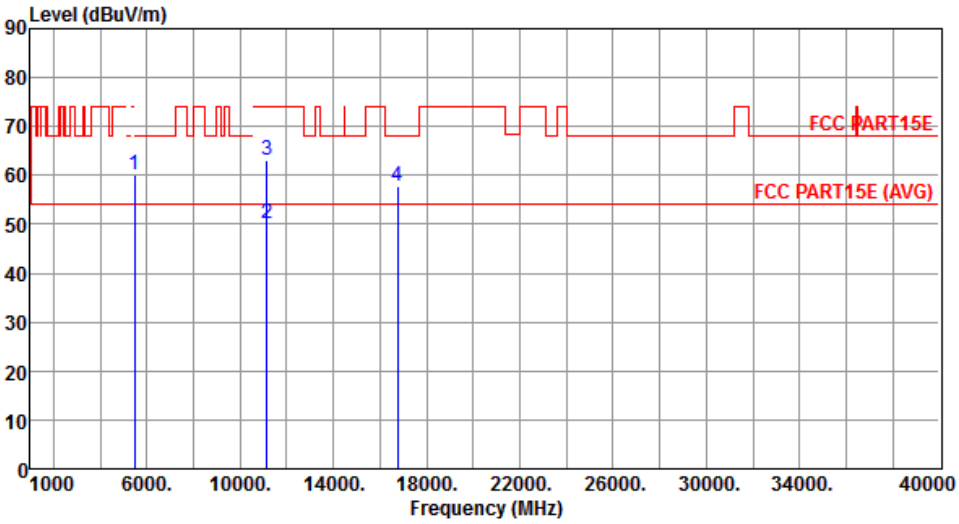
Modulation	VHT20	Test Freq. (MHz)	5580
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5470.00	59.23	68.20	-8.97	53.57	5.66	Peak	---	---
2	11160.00	46.27	54.00	-7.73	31.10	15.17	Average	---	---
3	11160.00	59.68	74.00	-14.32	44.51	15.17	Peak	---	---
4	16740.00	57.46	68.20	-10.74	40.82	16.64	Peak	---	---

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

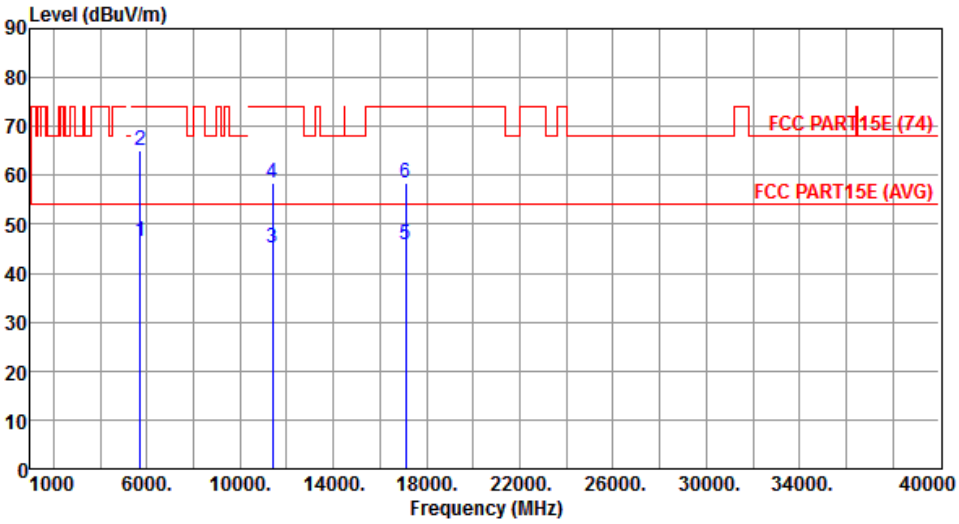
Modulation	VHT20	Test Freq. (MHz)	5580
Polarization	Vertical	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5470.00	59.99	68.20	-8.21	54.33	5.66	Peak	---	---
2	11160.00	50.17	54.00	-3.83	35.00	15.17	Average	---	---
3	11160.00	63.26	74.00	-10.74	48.09	15.17	Peak	---	---
4	16740.00	57.68	68.20	-10.52	41.04	16.64	Peak	---	---

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

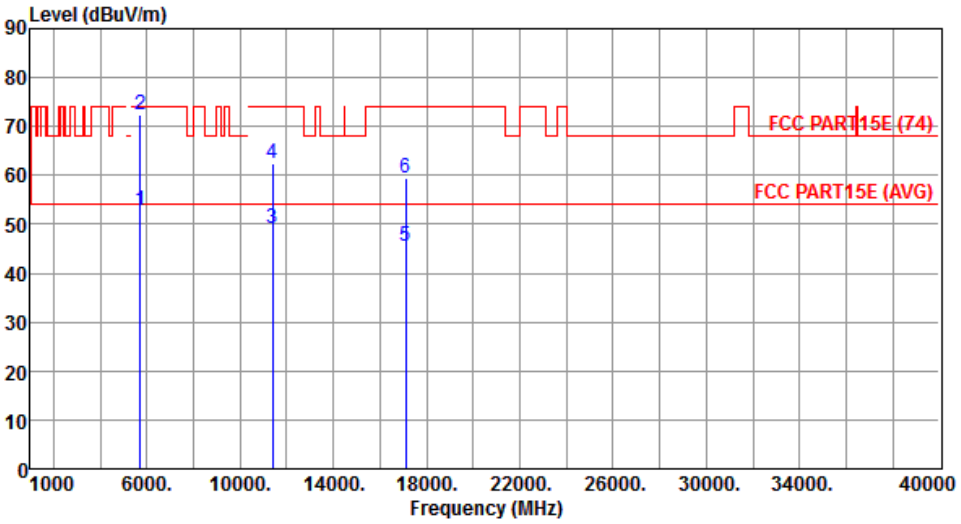
Modulation	VHT20	Test Freq. (MHz)	5700
Polarization	Horizontal	Test Configuration	2



	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	46.57	54.00	-7.43	40.99	5.58	Average	---	---
2	5725.00	65.25	74.00	-8.75	59.67	5.58	Peak	---	---
3	11400.00	45.27	54.00	-8.73	30.53	14.74	Average	---	---
4	11400.00	58.52	74.00	-15.48	43.78	14.74	Peak	---	---
5	17100.00	45.86	54.00	-8.14	28.16	17.70	Average	---	---
6	17100.00	58.46	74.00	-15.54	40.76	17.70	Peak	---	---

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

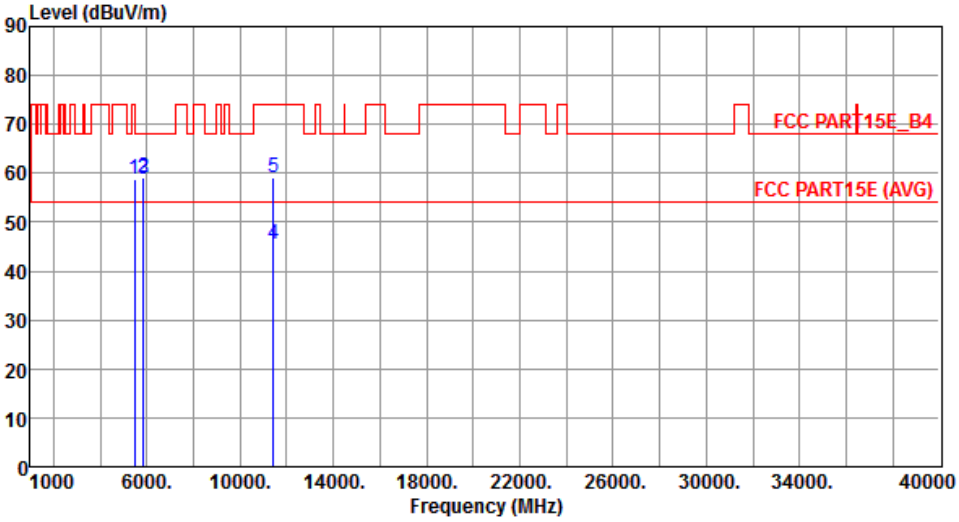
Modulation	VHT20	Test Freq. (MHz)	5700
Polarization	Vertical	Test Configuration	2



	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	52.64	54.00	-1.36	47.06	5.58	Average	---	---
2	5725.00	72.51	74.00	-1.49	66.93	5.58	Peak	---	---
3	11400.00	49.24	54.00	-4.76	34.50	14.74	Average	---	---
4	11400.00	62.33	74.00	-11.67	47.59	14.74	Peak	---	---
5	17100.00	45.57	54.00	-8.43	27.87	17.70	Average	---	---
6	17100.00	59.31	74.00	-14.69	41.61	17.70	Peak	---	---

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

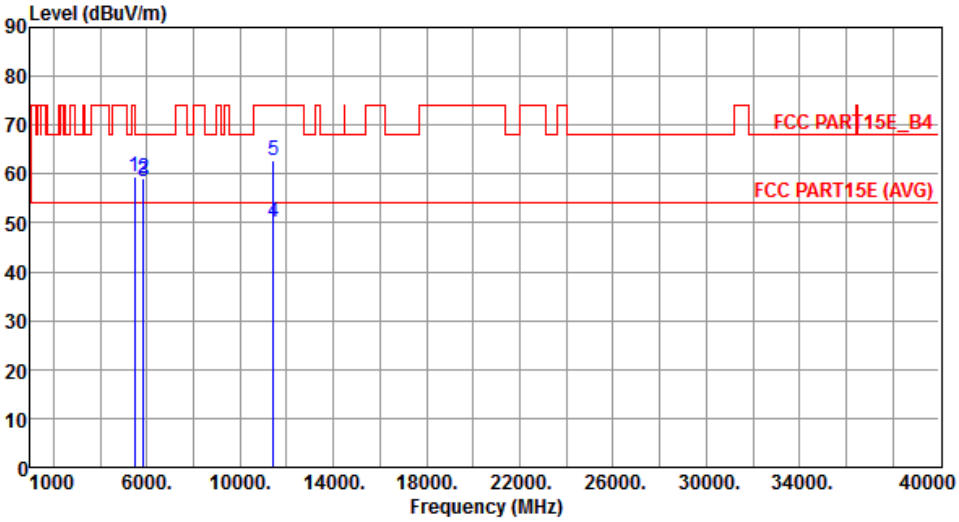
Modulation	VHT20	Test Freq. (MHz)	5720
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5470.00	58.87	68.20	-9.33	53.21	5.66	Peak	---	---
2	5850.00	59.07	78.20	-19.13	53.45	5.62	Peak	---	---
3	5860.00	58.79	68.20	-9.41	53.17	5.62	Peak	---	---
4	11440.00	45.54	54.00	-8.46	30.88	14.66	Average	---	---
5	11440.00	59.11	74.00	-14.89	44.45	14.66	Peak	---	---

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

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

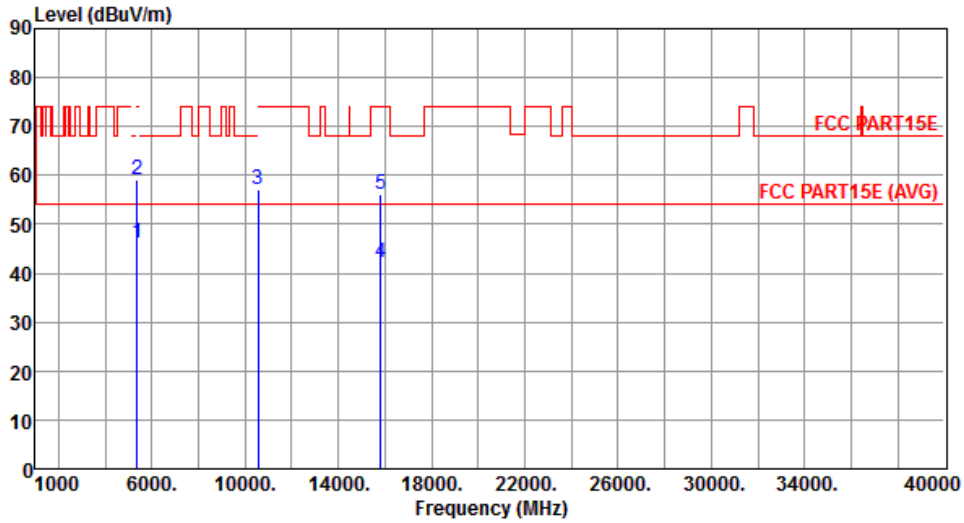


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5470.00	59.33	68.20	-8.87	53.67	5.66	Peak	---	---
2	5850.00	58.95	78.20	-19.25	53.33	5.62	Peak	---	---
3	5860.00	58.40	68.20	-9.80	52.78	5.62	Peak	---	---
4	11440.00	50.13	54.00	-3.87	35.47	14.66	Average	---	---
5	11440.00	62.88	74.00	-11.12	48.22	14.66	Peak	---	---

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

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

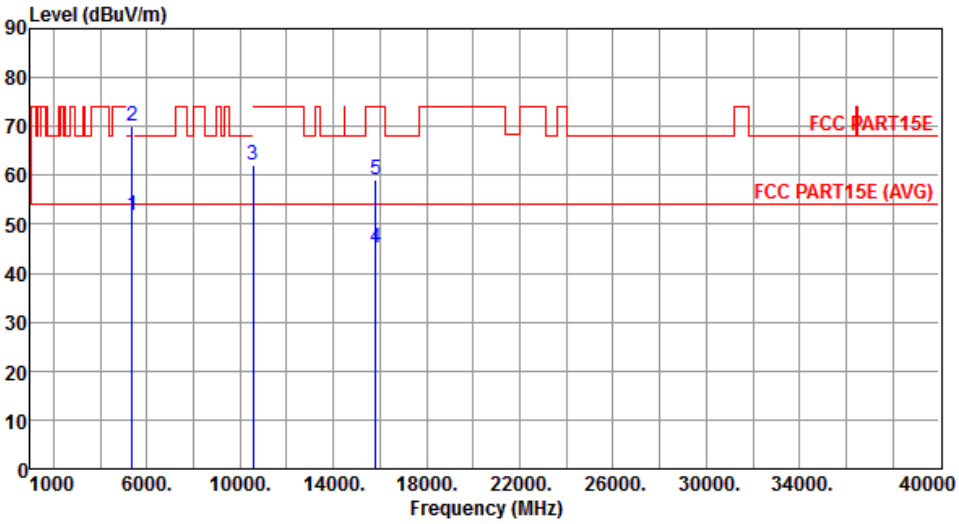
Modulation	VHT40	Test Freq. (MHz)	5270
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	46.23	54.00	-7.77	40.52	5.71	Average	---	---
2	5350.00	58.99	74.00	-15.01	53.28	5.71	Peak	---	---
3	10540.00	57.11	68.20	-11.09	41.83	15.28	Peak	---	---
4	15810.00	42.23	54.00	-11.77	28.10	14.13	Average	---	---
5	15810.00	56.16	74.00	-17.84	42.03	14.13	Peak	---	---

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

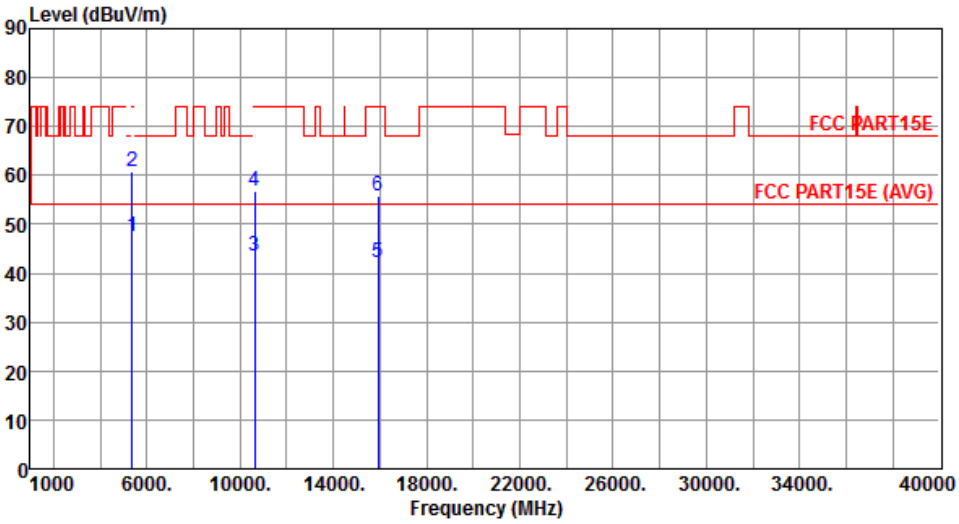
Modulation	VHT40	Test Freq. (MHz)	5270
Polarization	Vertical	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	51.71	54.00	-2.29	46.00	5.71	Average	---	---
2	5350.00	70.20	74.00	-3.80	64.49	5.71	Peak	---	---
3	10540.00	62.11	68.20	-6.09	46.83	15.28	Peak	---	---
4	15810.00	45.02	54.00	-8.98	30.89	14.13	Average	---	---
5	15810.00	59.17	74.00	-14.83	45.04	14.13	Peak	---	---

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

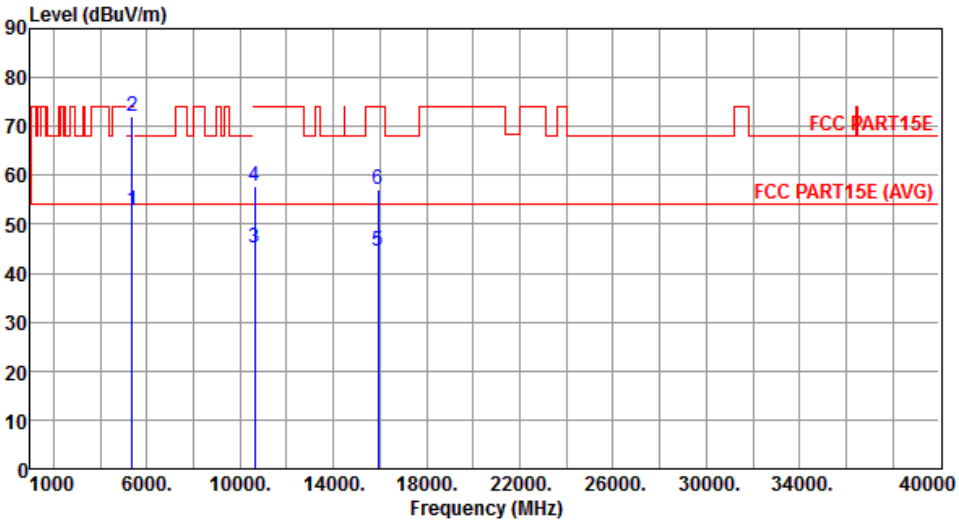
Modulation	VHT40	Test Freq. (MHz)	5310
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	47.49	54.00	-6.51	41.78	5.71	Average	---	---
2	5350.00	60.82	74.00	-13.18	55.11	5.71	Peak	---	---
3	10620.00	43.42	54.00	-10.58	28.11	15.31	Average	---	---
4	10620.00	56.74	74.00	-17.26	41.43	15.31	Peak	---	---
5	15930.00	42.33	54.00	-11.67	28.38	13.95	Average	---	---
6	15930.00	55.83	74.00	-18.17	41.88	13.95	Peak	---	---

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

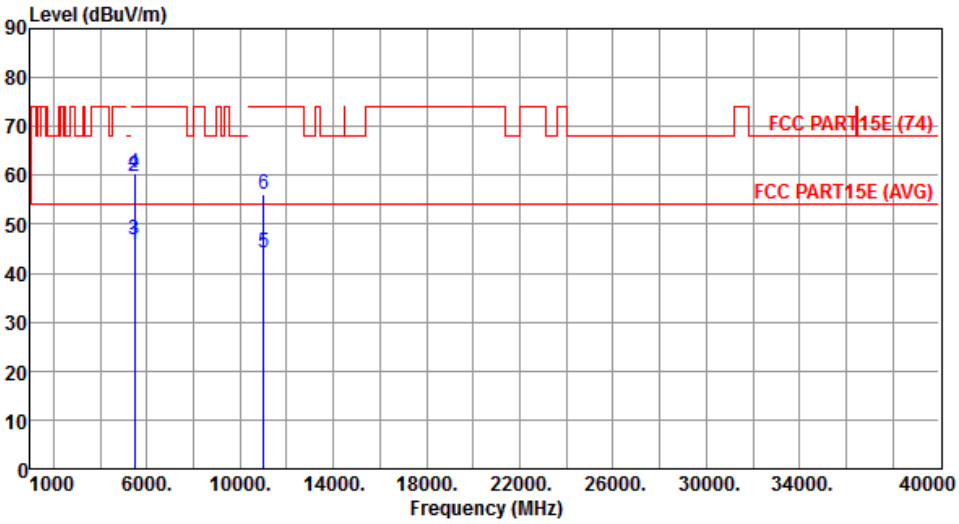
Modulation	VHT40	Test Freq. (MHz)	5310
Polarization	Vertical	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	52.81	54.00	-1.19	47.10	5.71	Average	---	---
2	5350.00	72.03	74.00	-1.97	66.32	5.71	Peak	---	---
3	10620.00	45.11	54.00	-8.89	29.80	15.31	Average	---	---
4	10620.00	57.73	74.00	-16.27	42.42	15.31	Peak	---	---
5	15930.00	44.38	54.00	-9.62	30.43	13.95	Average	---	---
6	15930.00	57.06	74.00	-16.94	43.11	13.95	Peak	---	---

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

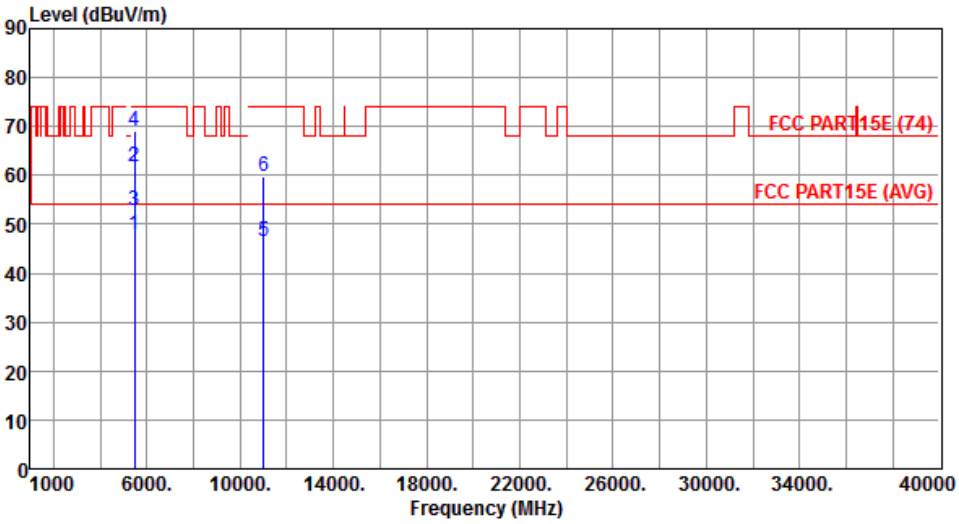
Modulation	VHT40	Test Freq. (MHz)	5510
Polarization	Horizontal	Test Configuration	2



	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	45.92	54.00	-8.08	40.24	5.68	Average	---	---
2	5460.00	59.83	74.00	-14.17	54.15	5.68	Peak	---	---
3	5470.00	46.91	54.00	-7.09	41.25	5.66	Average	---	---
4	5470.00	60.34	74.00	-13.66	54.68	5.66	Peak	---	---
5	11020.00	44.27	54.00	-9.73	28.85	15.42	Average	---	---
6	11020.00	56.05	74.00	-17.95	40.63	15.42	Peak	---	---

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

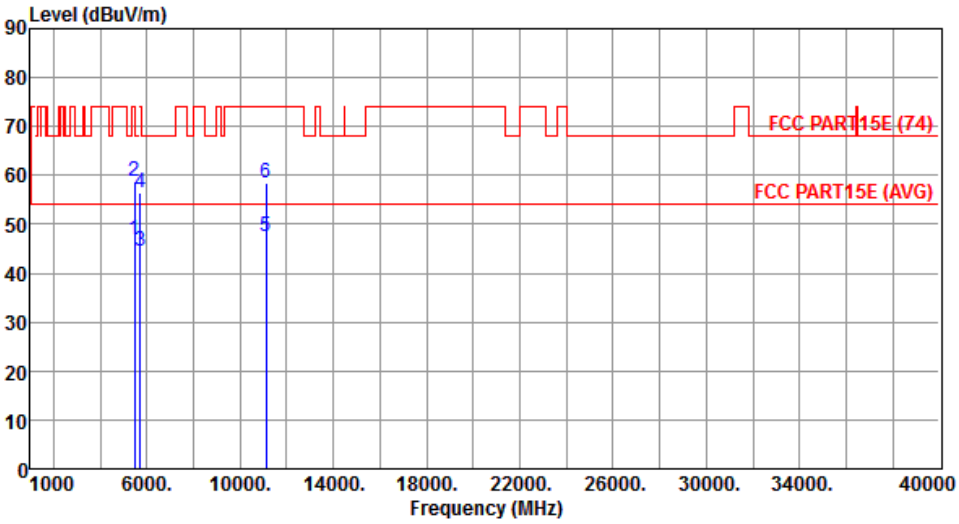
Modulation	VHT40	Test Freq. (MHz)	5510
Polarization	Vertical	Test Configuration	2



	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	47.68	54.00	-6.32	42.00	5.68	Average	---	---
2	5460.00	61.83	74.00	-12.17	56.15	5.68	Peak	---	---
3	5470.00	52.71	54.00	-1.29	47.05	5.66	Average	---	---
4	5470.00	69.08	74.00	-4.92	63.42	5.66	Peak	---	---
5	11020.00	46.55	54.00	-7.45	31.13	15.42	Average	---	---
6	11020.00	59.87	74.00	-14.13	44.45	15.42	Peak	---	---

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

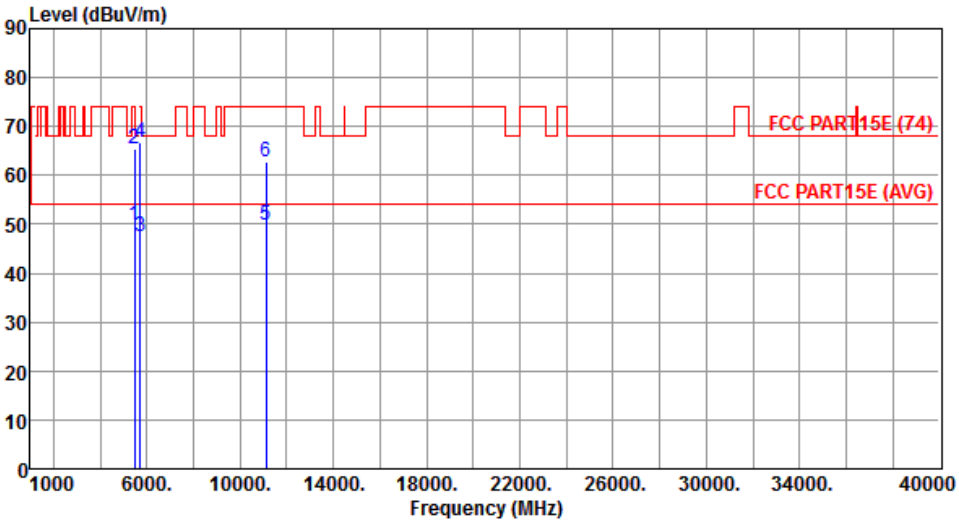
Modulation	VHT40	Test Freq. (MHz)	5550
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5470.00	46.69	54.00	-7.31	41.03	5.66	Average	---	---
2	5470.00	58.87	74.00	-15.13	53.21	5.66	Peak	---	---
3	5725.00	44.36	54.00	-9.64	38.78	5.58	Average	---	---
4	5725.00	56.30	74.00	-17.70	50.72	5.58	Peak	---	---
5	11100.00	47.51	54.00	-6.49	32.24	15.27	Average	---	---
6	11100.00	58.42	74.00	-15.58	43.15	15.27	Peak	---	---

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

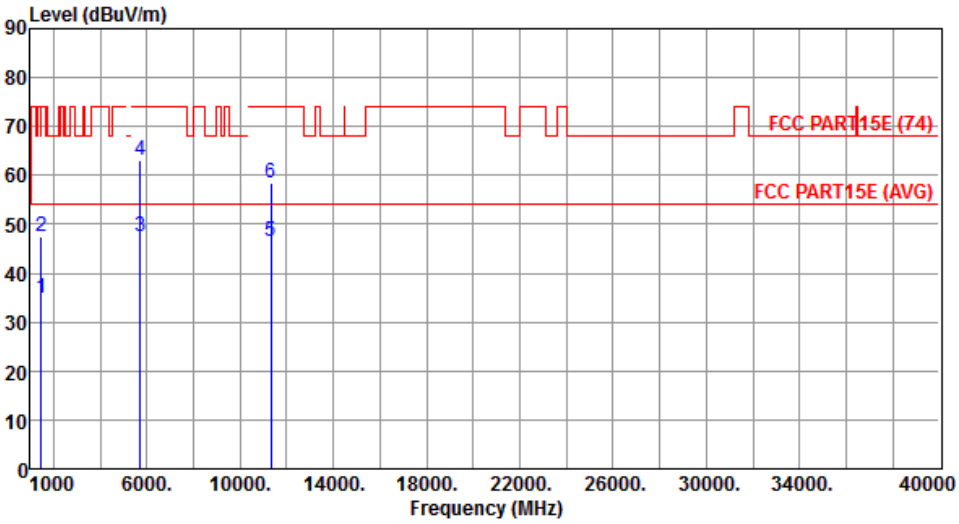
Modulation	VHT40	Test Freq. (MHz)	5550
Polarization	Vertical	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5470.00	49.83	54.00	-4.17	44.17	5.66	Average	---	---
2	5470.00	65.44	74.00	-8.56	59.78	5.66	Peak	---	---
3	5725.00	47.36	54.00	-6.64	41.78	5.58	Average	---	---
4	5725.00	66.90	74.00	-7.10	61.32	5.58	Peak	---	---
5	11100.00	49.95	54.00	-4.05	34.68	15.27	Average	---	---
6	11100.00	62.83	74.00	-11.17	47.56	15.27	Peak	---	---

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

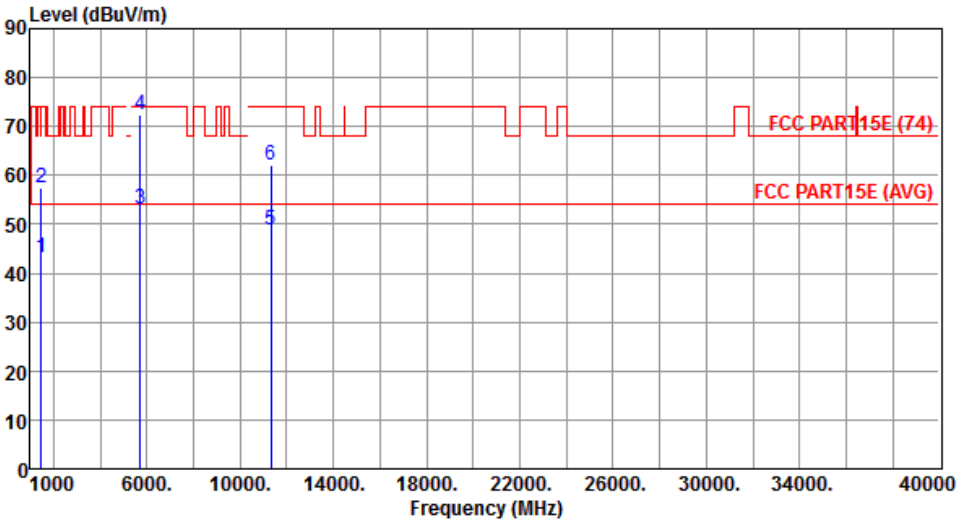
Modulation	VHT40	Test Freq. (MHz)	5670
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	1467.00	34.92	54.00	-19.08	42.29	-7.37	Average	---	---
2	1467.00	47.33	74.00	-26.67	54.70	-7.37	Peak	---	---
3	5725.00	47.39	54.00	-6.61	41.81	5.58	Average	---	---
4	5725.00	63.13	74.00	-10.87	57.55	5.58	Peak	---	---
5	11340.00	46.57	54.00	-7.43	31.73	14.84	Average	---	---
6	11340.00	58.34	74.00	-15.66	43.50	14.84	Peak	---	---

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

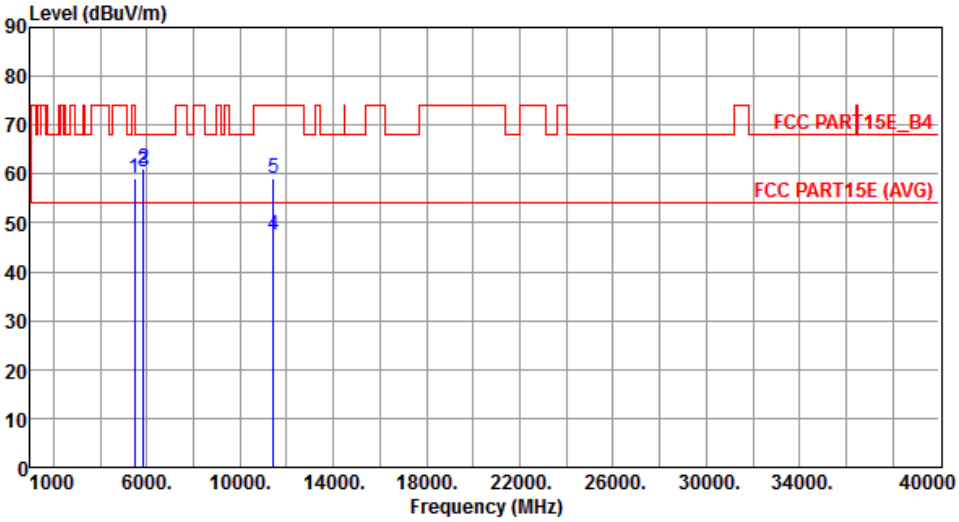
Modulation	VHT40	Test Freq. (MHz)	5670
Polarization	Vertical	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	1467.00	43.12	54.00	-10.88	50.49	-7.37	Average	---	---
2	1467.00	57.44	74.00	-16.56	64.81	-7.37	Peak	---	---
3	5725.00	53.00	54.00	-1.00	47.42	5.58	Average	---	---
4	5725.00	72.37	74.00	-1.63	66.79	5.58	Peak	---	---
5	11340.00	48.84	54.00	-5.16	34.00	14.84	Average	---	---
6	11340.00	61.96	74.00	-12.04	47.12	14.84	Peak	---	---

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

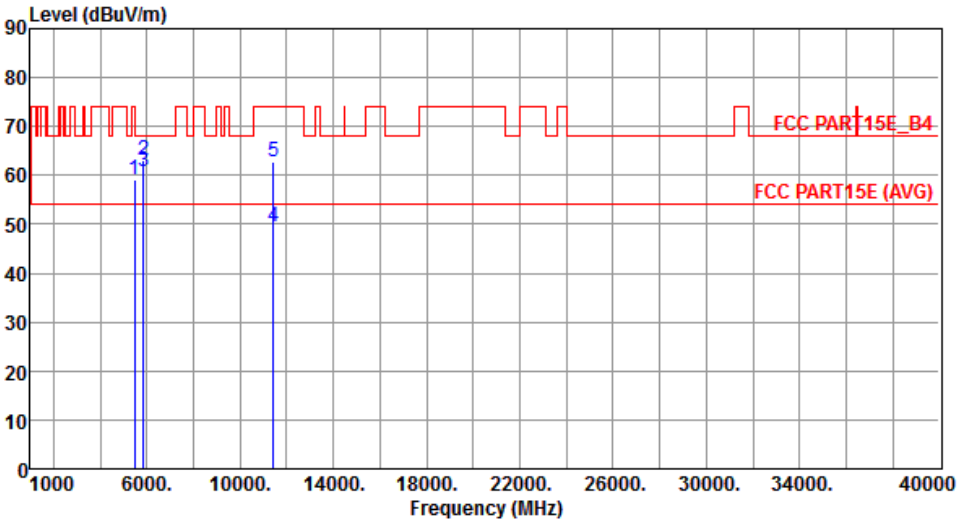
Modulation	VHT40	Test Freq. (MHz)	5710
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5470.00	59.09	68.20	-9.11	53.43	5.66	Peak	---	---
2	5850.00	61.27	78.20	-16.93	55.65	5.62	Peak	---	---
3	5860.00	60.38	68.20	-7.82	54.76	5.62	Peak	---	---
4	11420.00	47.34	54.00	-6.66	32.64	14.70	Average	---	---
5	11420.00	59.14	74.00	-14.86	44.44	14.70	Peak	---	---

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

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

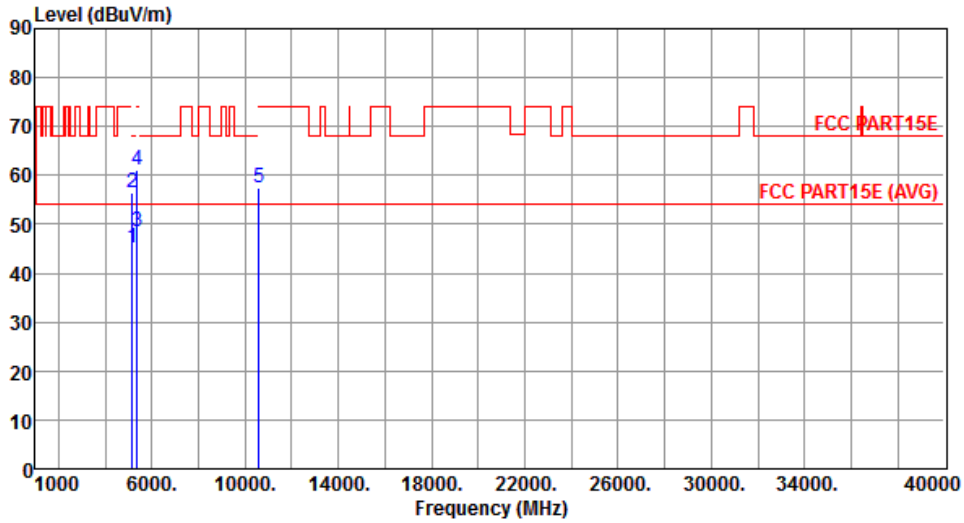


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5470.00	59.24	68.20	-8.96	53.58	5.66	Peak	---	---
2	5850.00	63.06	78.20	-15.14	57.44	5.62	Peak	---	---
3	5860.00	60.87	68.20	-7.33	55.25	5.62	Peak	---	---
4	11420.00	49.63	54.00	-4.37	34.93	14.70	Average	---	---
5	11420.00	62.89	74.00	-11.11	48.19	14.70	Peak	---	---

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

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

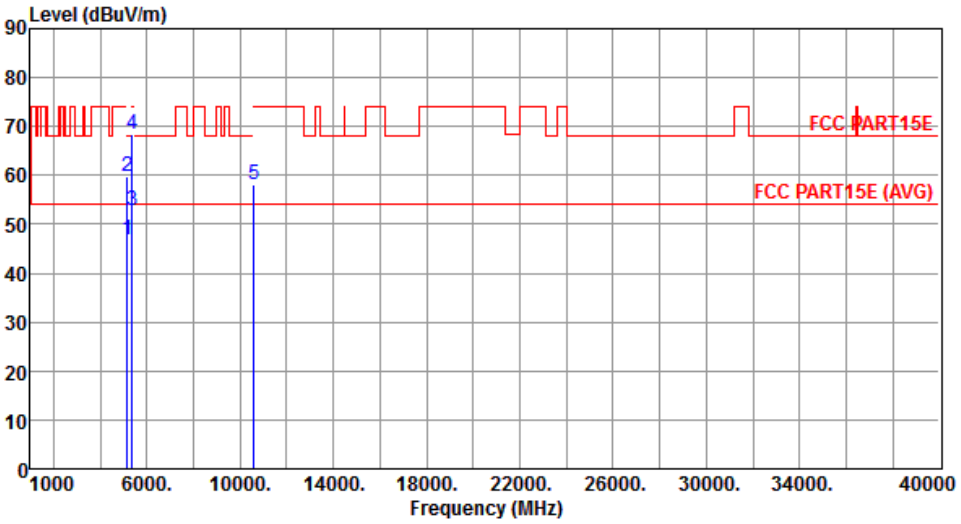
Modulation	VHT80	Test Freq. (MHz)	5290
Polarization	Horizontal	Test Configuration	2



	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	45.12	54.00	-8.88	39.56	5.56	Average	---	---
2	5150.00	56.41	74.00	-17.59	50.85	5.56	Peak	---	---
3	5350.00	48.43	54.00	-5.57	42.72	5.71	Average	---	---
4	5350.00	61.06	74.00	-12.94	55.35	5.71	Peak	---	---
5	10580.00	57.33	68.20	-10.87	42.05	15.28	Peak	---	---

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

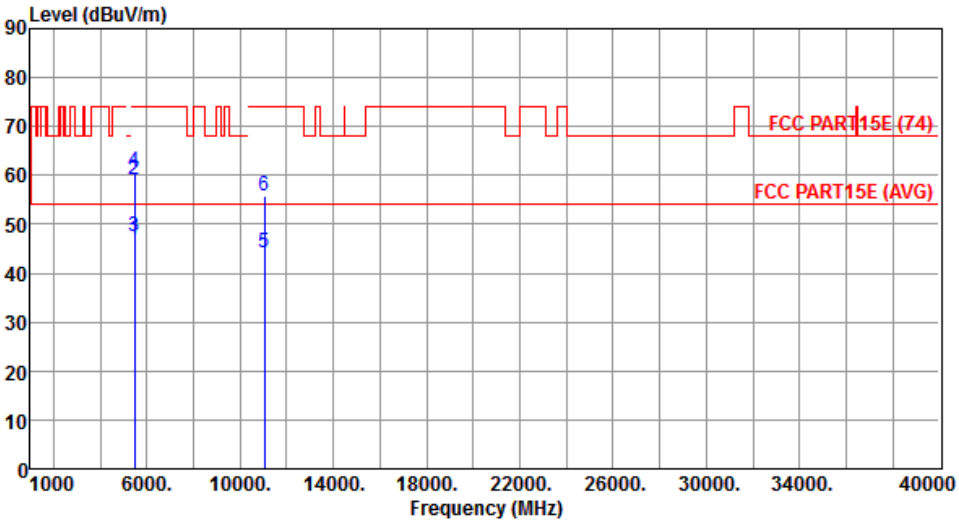
Modulation	VHT80	**Test Freq. (MHz)**	5290
Polarization	Vertical	**Test Configuration**	2



	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	46.82	54.00	-7.18	41.26	5.56	Average	---	---
2	5150.00	59.86	74.00	-14.14	54.30	5.56	Peak	---	---
3	5350.00	52.94	54.00	-1.06	47.23	5.71	Average	---	---
4	5350.00	68.46	74.00	-5.54	62.75	5.71	Peak	---	---
5	10580.00	58.02	68.20	-10.18	42.74	15.28	Peak	---	---

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

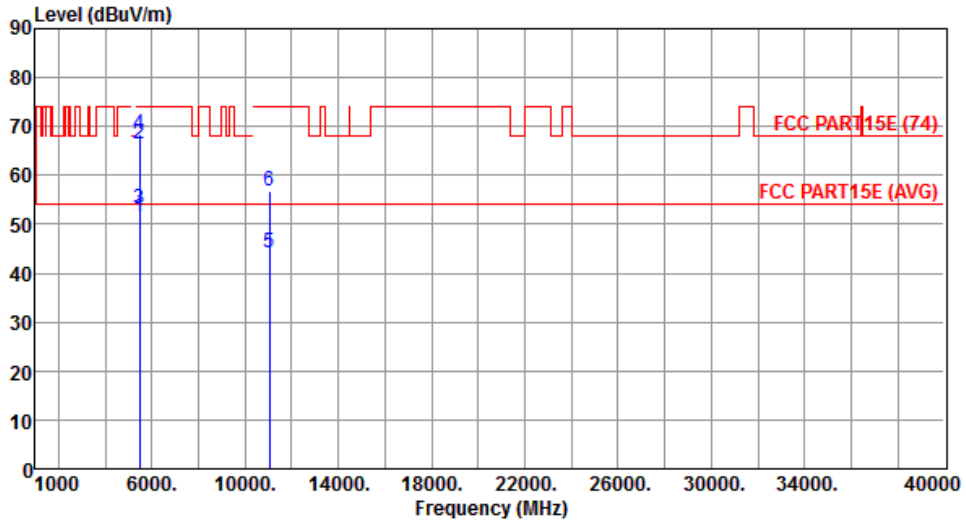
Modulation	VHT80	Test Freq. (MHz)	5530
Polarization	Horizontal	Test Configuration	2



	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	46.98	54.00	-7.02	41.30	5.68	Average	---	---
2	5460.00	59.20	74.00	-14.80	53.52	5.68	Peak	---	---
3	5470.00	47.51	54.00	-6.49	41.85	5.66	Average	---	---
4	5470.00	60.88	74.00	-13.12	55.22	5.66	Peak	---	---
5	11060.00	44.12	54.00	-9.88	28.77	15.35	Average	---	---
6	11060.00	55.87	74.00	-18.13	40.52	15.35	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).

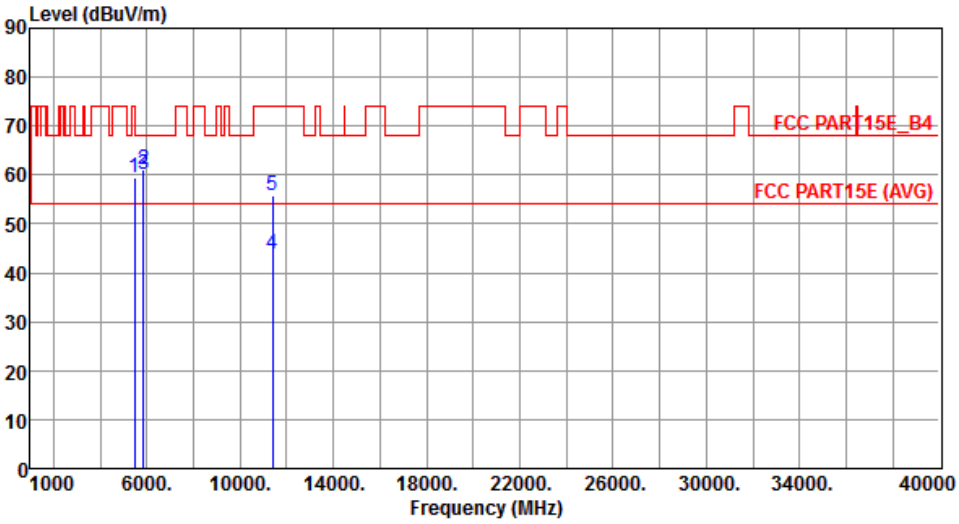
Modulation	VHT80	**Test Freq. (MHz)**	5530
Polarization	Vertical	**Test Configuration**	2



	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	51.43	54.00	-2.57	45.75	5.68	Average	---	---
2	5460.00	66.50	74.00	-7.50	60.82	5.68	Peak	---	---
3	5470.00	53.00	54.00	-1.00	47.34	5.66	Average	---	---
4	5470.00	68.43	74.00	-5.57	62.77	5.66	Peak	---	---
5	11060.00	44.31	54.00	-9.69	28.96	15.35	Average	---	---
6	11060.00	56.75	74.00	-17.25	41.40	15.35	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).

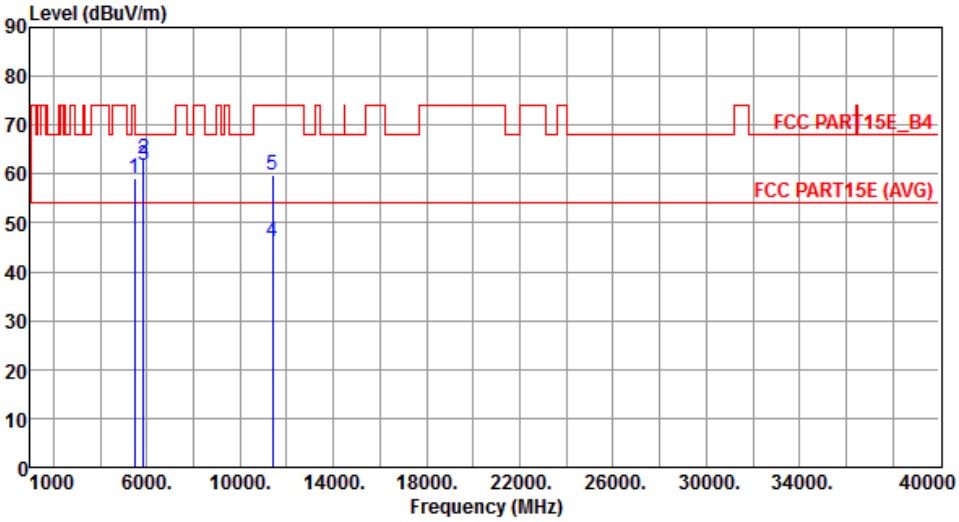
Modulation	VHT80	Test Freq. (MHz)	5690
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5470.00	59.28	68.20	-8.92	53.62	5.66	Peak	---	---
2	5850.00	61.26	78.20	-16.94	55.64	5.62	Peak	---	---
3	5860.00	59.98	68.20	-8.22	54.36	5.62	Peak	---	---
4	11380.00	43.94	54.00	-10.06	29.17	14.77	Average	---	---
5	11380.00	55.73	74.00	-18.27	40.96	14.77	Peak	---	---

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

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



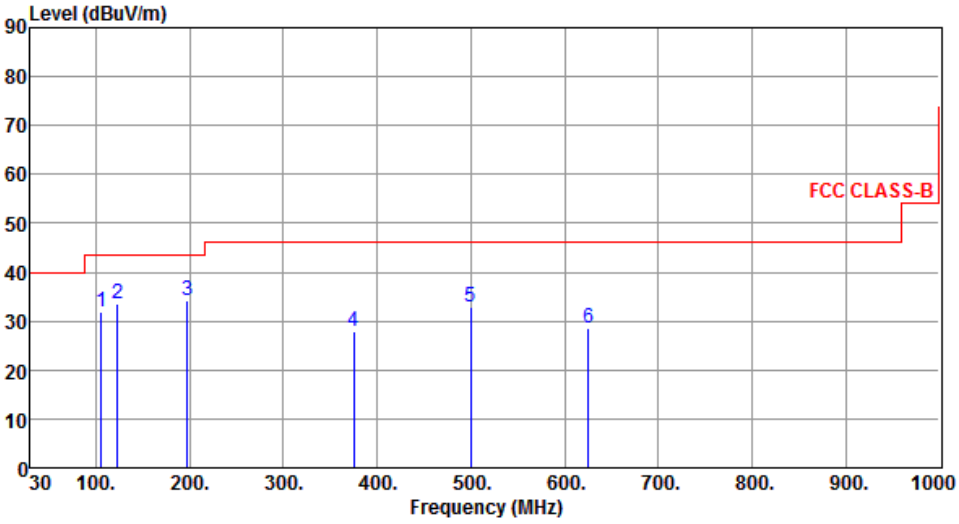
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5470.00	59.23	68.20	-8.97	53.57	5.66	Peak	---	---
2	5850.00	63.07	78.20	-15.13	57.45	5.62	Peak	---	---
3	5860.00	61.87	68.20	-6.33	56.25	5.62	Peak	---	---
4	11380.00	46.13	54.00	-7.87	31.36	14.77	Average	---	---
5	11380.00	59.72	74.00	-14.28	44.95	14.77	Peak	---	---

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

(Configuration 3: External Directional Panel antenna (model WS-AI-DQ04360)

3.5.16 Transmitter Radiated Unwanted Emissions (Below 1GHz)_Adapter mode

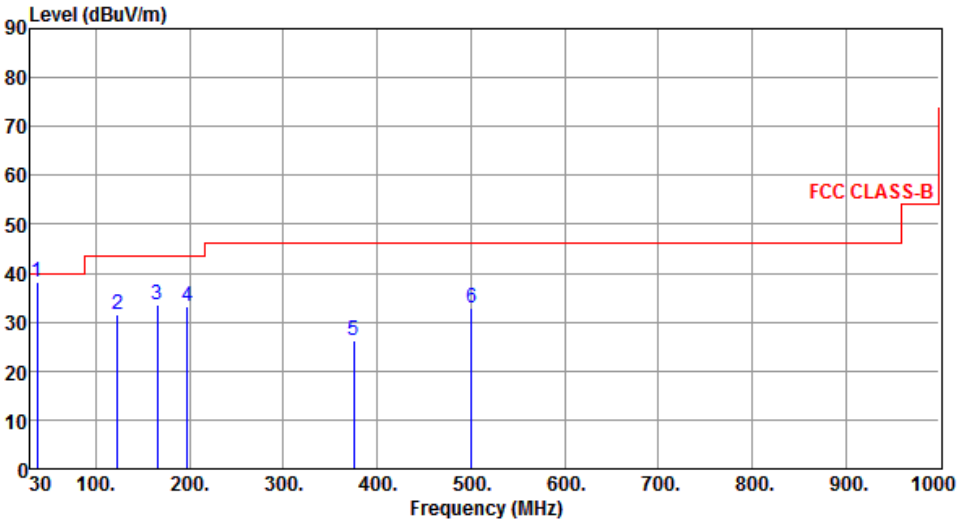
Modulation	VHT40	Test Freq. (MHz)	5270
Polarization	Horizontal	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	105.52	31.95	43.50	-11.55	52.72	-20.77	Peak	---	---
2	122.86	33.68	43.50	-9.82	52.52	-18.84	Peak	---	---
3	197.60	34.15	43.50	-9.35	53.32	-19.17	Peak	---	---
4	375.26	28.01	46.00	-17.99	42.24	-14.23	Peak	---	---
5	500.24	32.81	46.00	-13.19	44.23	-11.42	Peak	---	---
6	625.46	28.42	46.00	-17.58	37.62	-9.20	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

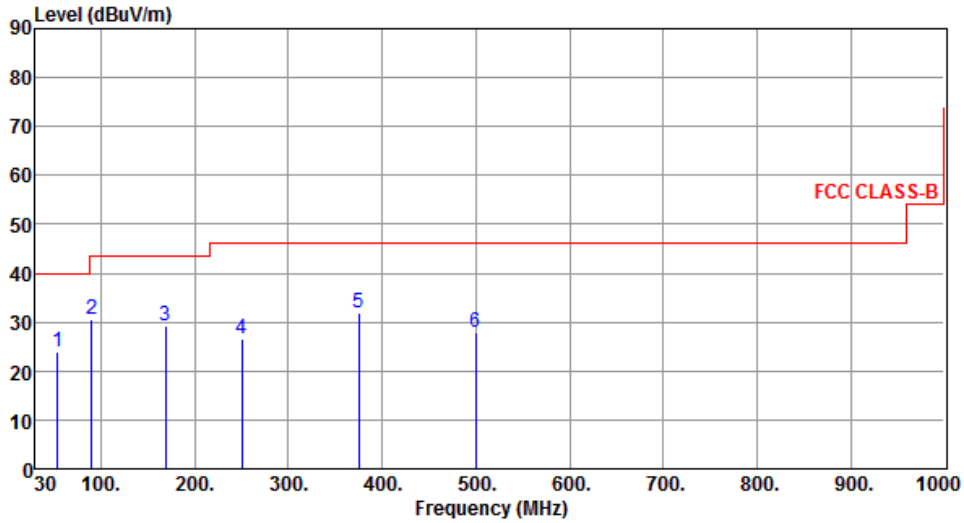


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	37.58	38.35	40.00	-1.65	55.42	-17.07	QP	---	---
2	123.20	31.63	43.50	-11.87	50.44	-18.81	Peak	---	---
3	165.78	33.53	43.50	-9.97	50.42	-16.89	Peak	---	---
4	197.66	33.21	43.50	-10.29	52.38	-19.17	Peak	---	---
5	375.24	26.19	46.00	-19.81	40.42	-14.23	Peak	---	---
6	500.62	32.97	46.00	-13.03	44.38	-11.41	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.

3.5.17 Transmitter Radiated Unwanted Emissions (Below 1GHz)_POE mode

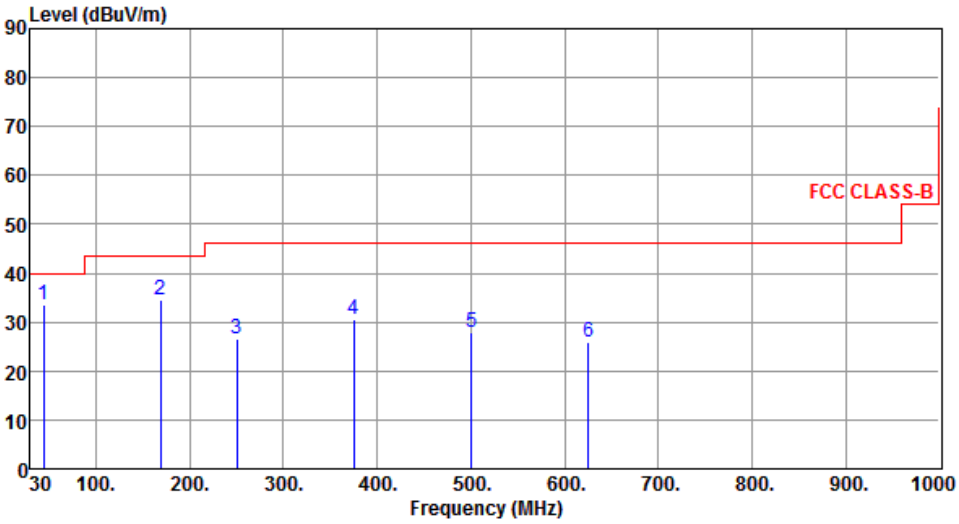
Modulation	VHT40	Test Freq. (MHz)	5270
Polarization	Horizontal	Test Configuration	7



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	53.52	23.98	40.00	-16.02	40.65	-16.67	Peak	---	---
2	90.52	30.40	43.50	-13.10	53.32	-22.92	Peak	---	---
3	168.62	29.27	43.50	-14.23	46.21	-16.94	Peak	---	---
4	250.31	26.47	46.00	-19.53	44.21	-17.74	Peak	---	---
5	375.26	32.02	46.00	-13.98	46.25	-14.23	Peak	---	---
6	500.26	28.01	46.00	-17.99	39.43	-11.42	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	7

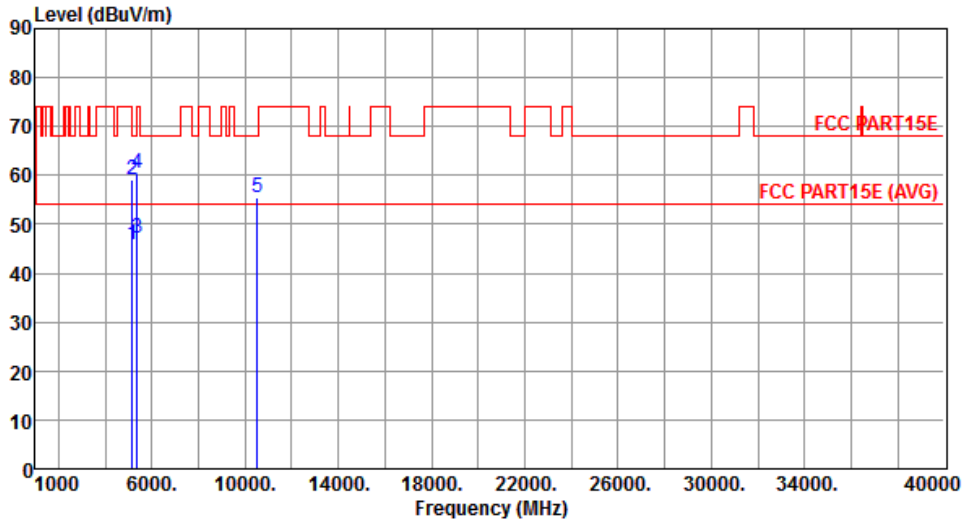


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	44.20	33.62	40.00	-6.38	50.22	-16.60	Peak	---	---
2	168.56	34.59	43.50	-8.91	51.53	-16.94	Peak	---	---
3	250.22	26.72	46.00	-19.28	44.46	-17.74	Peak	---	---
4	375.38	30.62	46.00	-15.38	44.85	-14.23	Peak	---	---
5	500.33	27.89	46.00	-18.11	39.30	-11.41	Peak	---	---
6	625.47	26.04	46.00	-19.96	35.24	-9.20	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.

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

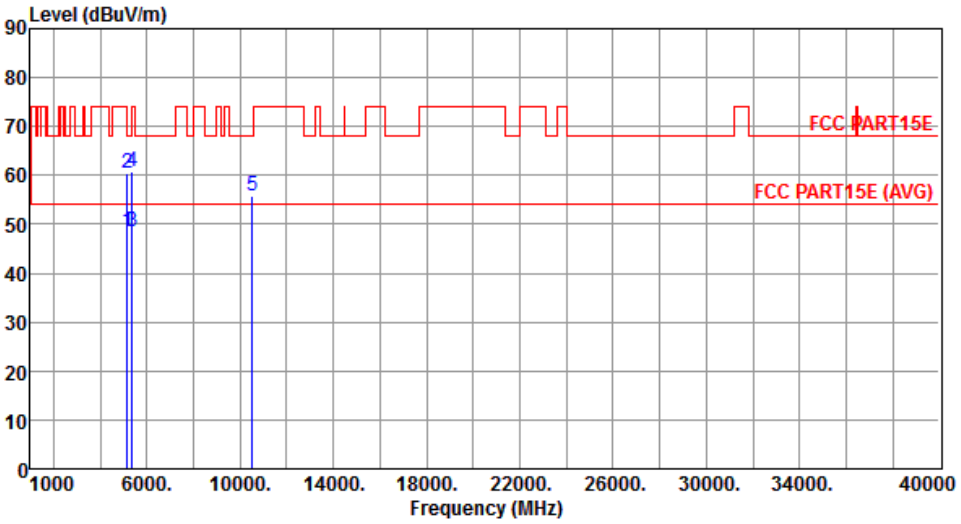
Modulation	11a	Test Freq. (MHz)	5260
Polarization	Horizontal	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	45.98	54.00	-8.02	40.21	5.77	Average	---	---
2	5150.00	59.17	74.00	-14.83	53.40	5.77	Peak	---	---
3	5350.00	47.25	54.00	-6.75	41.31	5.94	Average	---	---
4	5350.00	60.38	74.00	-13.62	54.44	5.94	Peak	---	---
5	10520.00	55.61	68.20	-12.59	40.21	15.40	Peak	---	---

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

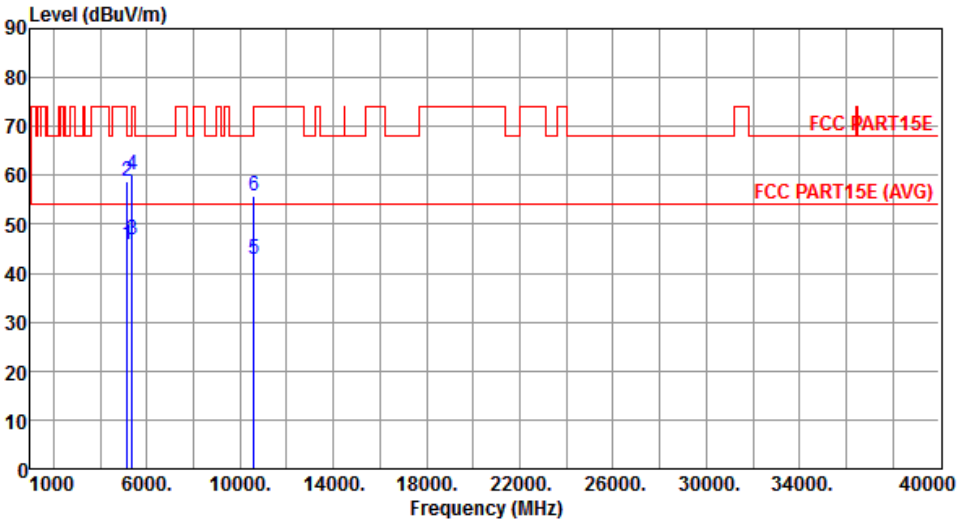
Modulation	11a	Test Freq. (MHz)	5260
Polarization	Vertical	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	48.64	54.00	-5.36	42.87	5.77	Average	---	---
2	5150.00	60.51	74.00	-13.49	54.74	5.77	Peak	---	---
3	5350.00	48.49	54.00	-5.51	42.55	5.94	Average	---	---
4	5350.00	60.73	74.00	-13.27	54.79	5.94	Peak	---	---
5	10520.00	55.78	68.20	-12.42	40.38	15.40	Peak	---	---

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

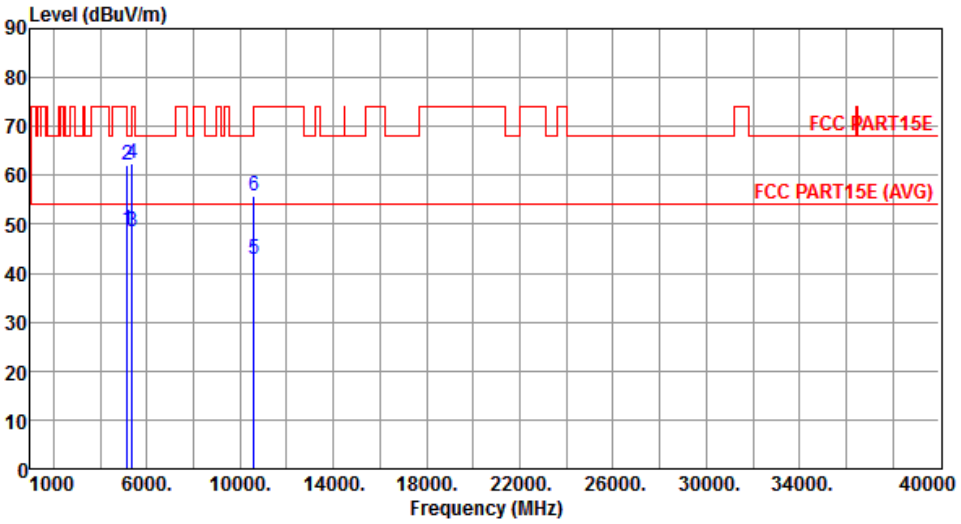
Modulation	11a	Test Freq. (MHz)	5300
Polarization	Horizontal	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	45.89	54.00	-8.11	40.12	5.77	Average	---	---
2	5150.00	58.66	74.00	-15.34	52.89	5.77	Peak	---	---
3	5350.00	46.99	54.00	-7.01	41.05	5.94	Average	---	---
4	5350.00	60.11	74.00	-13.89	54.17	5.94	Peak	---	---
5	10600.00	42.75	54.00	-11.25	27.31	15.44	Average	---	---
6	10600.00	55.69	74.00	-18.31	40.25	15.44	Peak	---	---

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

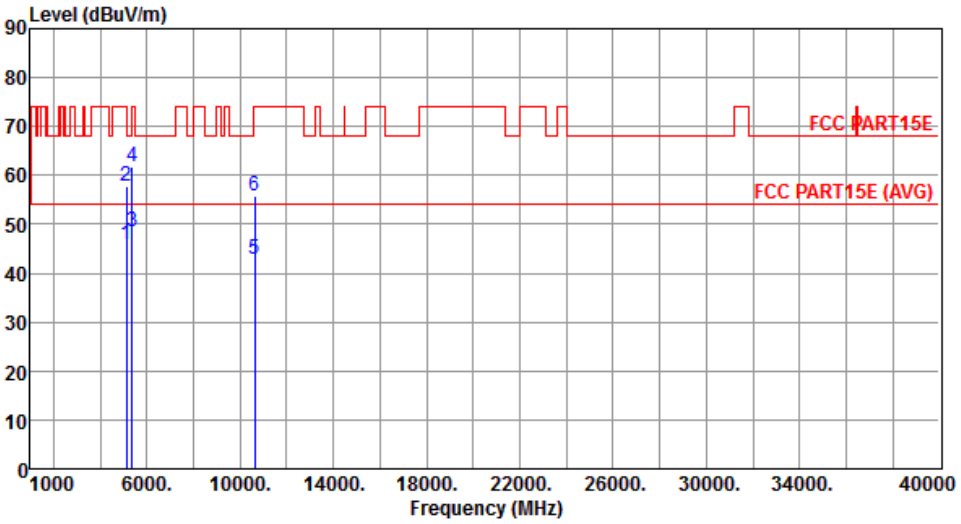
Modulation	11a	**Test Freq. (MHz)**	5300
Polarization	Vertical	**Test Configuration**	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	48.81	54.00	-5.19	43.04	5.77	Average	---	---
2	5150.00	62.19	74.00	-11.81	56.42	5.77	Peak	---	---
3	5350.00	48.56	54.00	-5.44	42.62	5.94	Average	---	---
4	5350.00	62.29	74.00	-11.71	56.35	5.94	Peak	---	---
5	10600.00	42.97	54.00	-11.03	27.53	15.44	Average	---	---
6	10600.00	55.75	74.00	-18.25	40.31	15.44	Peak	---	---

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

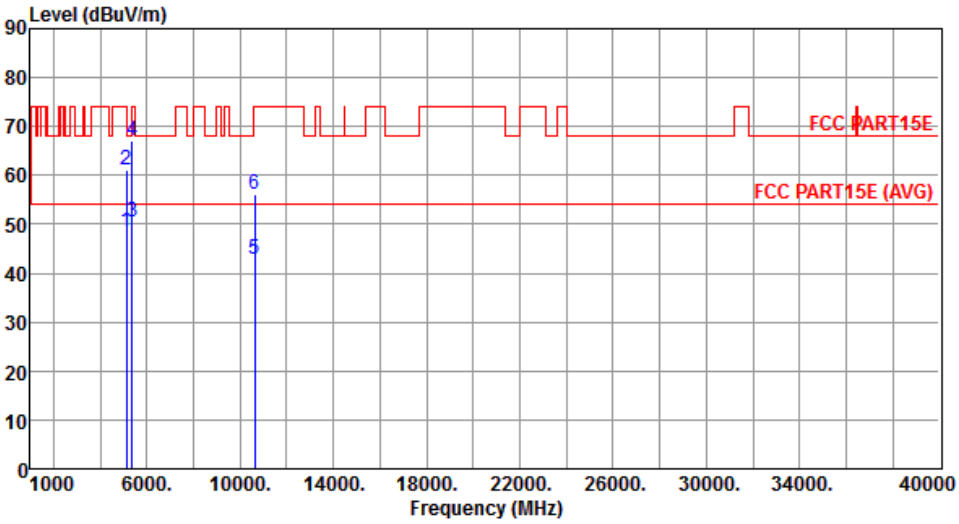
Modulation	11a	Test Freq. (MHz)	5320
Polarization	Horizontal	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5130.00	45.67	54.00	-8.33	39.92	5.75	Average	---	---
2	5130.00	57.86	74.00	-16.14	52.11	5.75	Peak	---	---
3	5350.00	48.38	54.00	-5.62	42.44	5.94	Average	---	---
4	5350.00	61.62	74.00	-12.38	55.68	5.94	Peak	---	---
5	10640.00	42.89	54.00	-11.11	27.42	15.47	Average	---	---
6	10640.00	55.84	74.00	-18.16	40.37	15.47	Peak	---	---

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

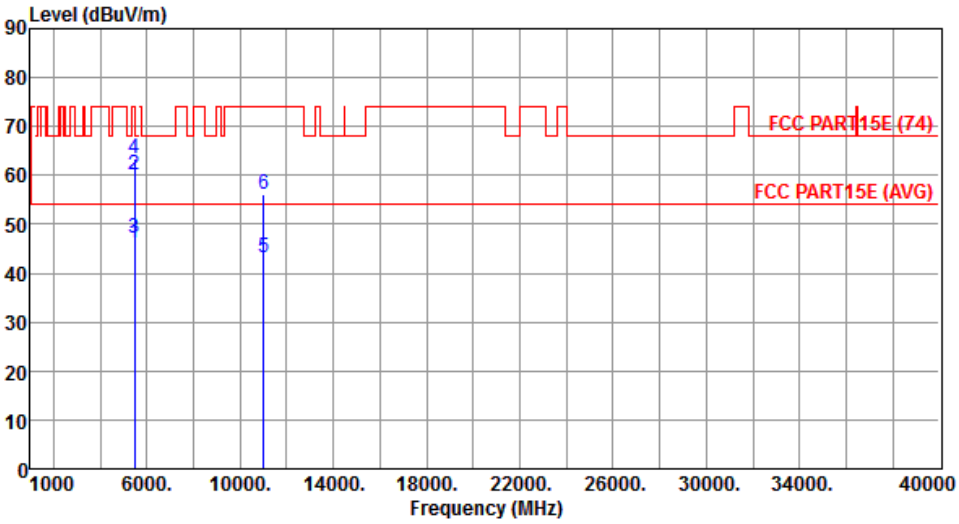
Modulation	11a	Test Freq. (MHz)	5320
Polarization	Vertical	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5130.00	48.51	54.00	-5.49	42.76	5.75	Average	---	---
2	5130.00	60.96	74.00	-13.04	55.21	5.75	Peak	---	---
3	5350.00	50.57	54.00	-3.43	44.63	5.94	Average	---	---
4	5350.00	67.03	74.00	-6.97	61.09	5.94	Peak	---	---
5	10640.00	42.79	54.00	-11.21	27.32	15.47	Average	---	---
6	10640.00	56.10	74.00	-17.90	40.63	15.47	Peak	---	---

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

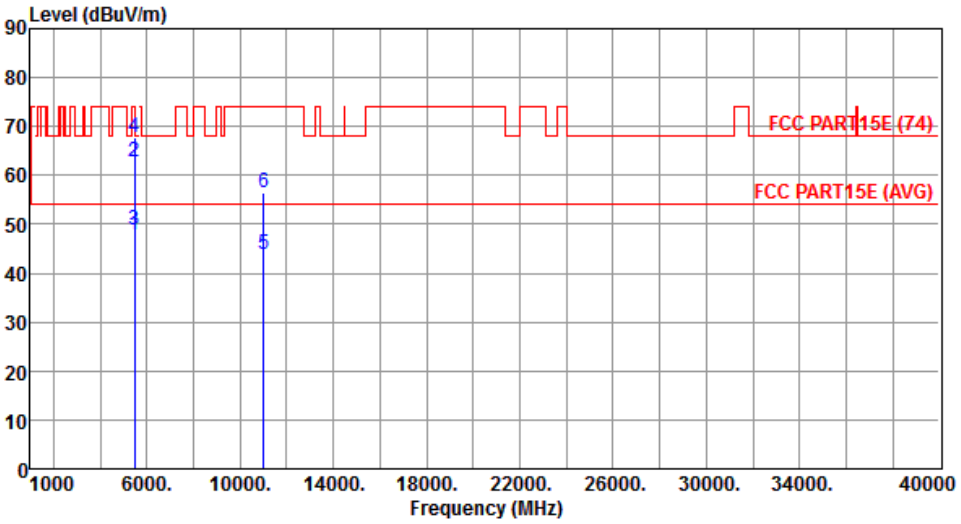
Modulation	11a	Test Freq. (MHz)	5500
Polarization	Horizontal	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	46.06	54.00	-7.94	40.14	5.92	Average	---	---
2	5460.00	59.99	74.00	-14.01	54.07	5.92	Peak	---	---
3	5470.00	47.30	54.00	-6.70	41.40	5.90	Average	---	---
4	5470.00	63.27	74.00	-10.73	57.37	5.90	Peak	---	---
5	11000.00	43.12	54.00	-10.88	27.49	15.63	Average	---	---
6	11000.00	56.16	74.00	-17.84	40.53	15.63	Peak	---	---

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

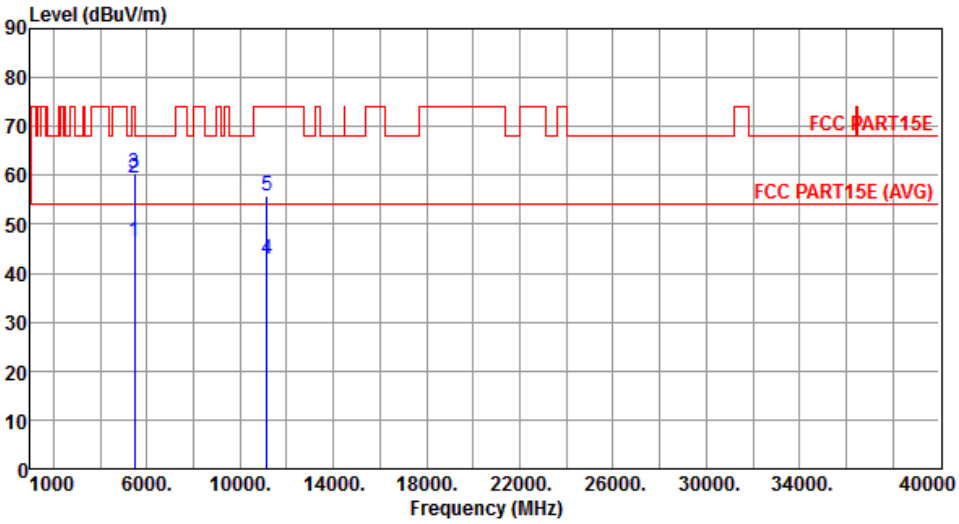
Modulation	11a	Test Freq. (MHz)	5500
Polarization	Vertical	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	47.78	54.00	-6.22	41.86	5.92	Average	---	---
2	5460.00	62.83	74.00	-11.17	56.91	5.92	Peak	---	---
3	5470.00	48.77	54.00	-5.23	42.87	5.90	Average	---	---
4	5470.00	67.76	74.00	-6.24	61.86	5.90	Peak	---	---
5	11000.00	43.84	54.00	-10.16	28.21	15.63	Average	---	---
6	11000.00	56.56	74.00	-17.44	40.93	15.63	Peak	---	---

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

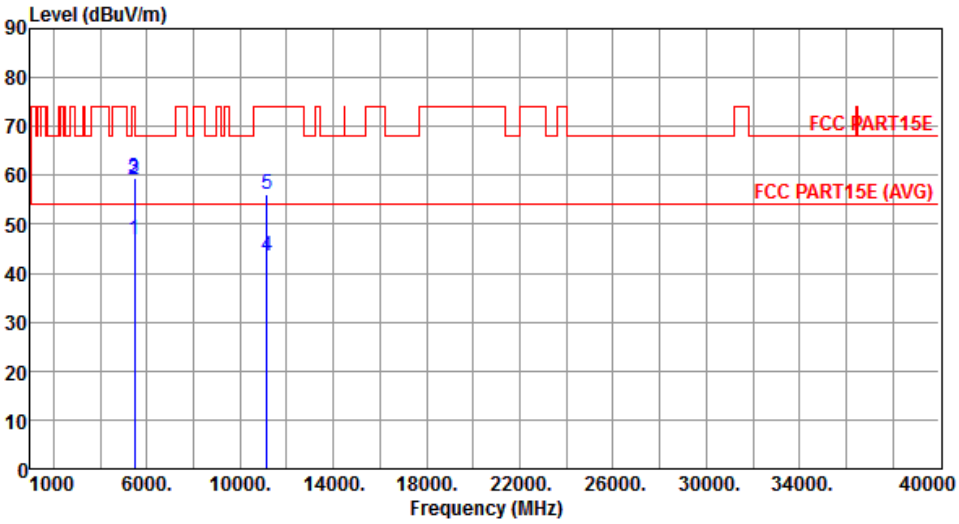
Modulation	11a	Test Freq. (MHz)	5580
Polarization	Horizontal	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	46.42	54.00	-7.58	40.50	5.92	Average	---	---
2	5460.00	59.47	74.00	-14.53	53.55	5.92	Peak	---	---
3	5470.00	60.28	68.20	-7.92	54.38	5.90	Peak	---	---
4	11160.00	42.91	54.00	-11.09	27.56	15.35	Average	---	---
5	11160.00	55.73	74.00	-18.27	40.38	15.35	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).

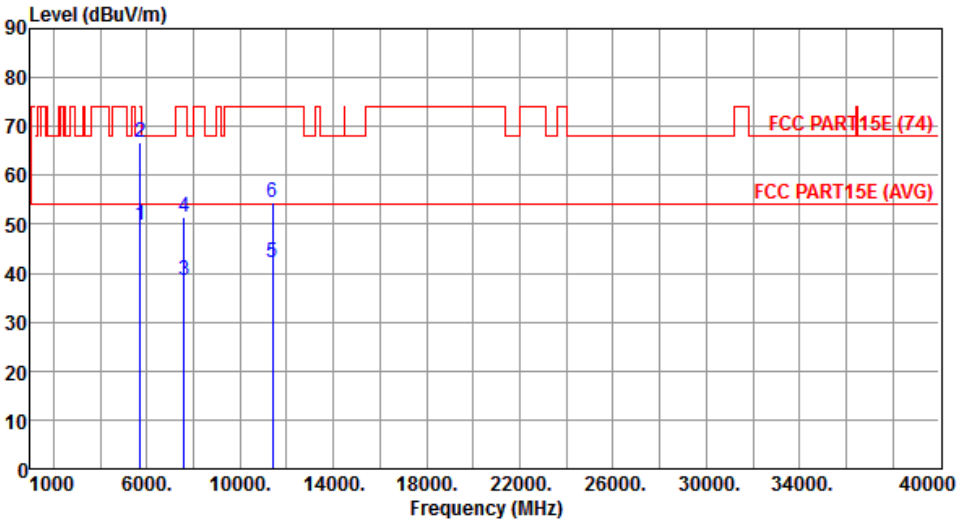
Modulation	11a	Test Freq. (MHz)	5580
Polarization	Vertical	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	46.76	54.00	-7.24	40.84	5.92	Average	---	---
2	5460.00	59.22	74.00	-14.78	53.30	5.92	Peak	---	---
3	5470.00	59.35	68.20	-8.85	53.45	5.90	Peak	---	---
4	11160.00	43.56	54.00	-10.44	28.21	15.35	Average	---	---
5	11160.00	56.22	74.00	-17.78	40.87	15.35	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).

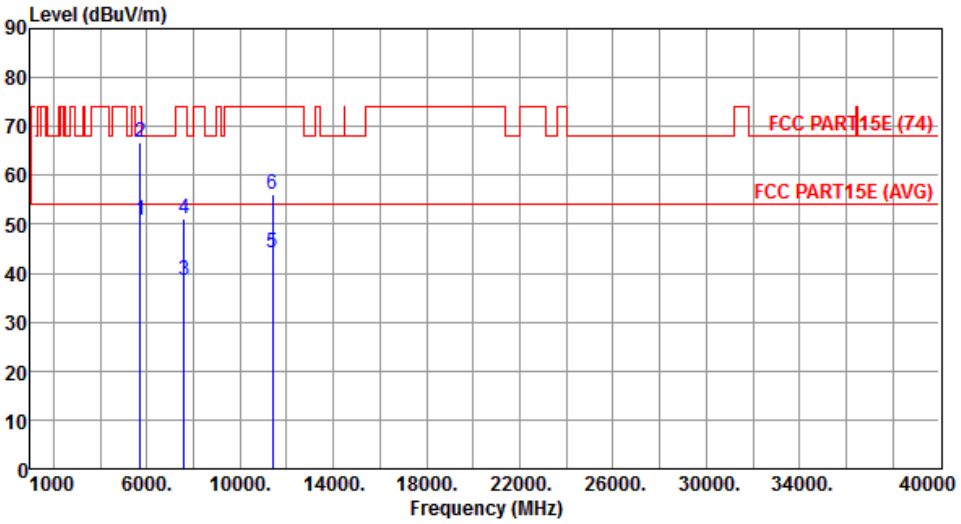
Modulation	11a	Test Freq. (MHz)	5700
Polarization	Horizontal	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5725.00	49.97	54.00	-4.03	44.12	5.85	Average	---	---
2	5725.00	66.67	74.00	-7.33	60.82	5.85	Peak	---	---
3	7600.00	38.42	54.00	-15.58	27.82	10.60	Average	---	---
4	7600.00	51.43	74.00	-22.57	40.83	10.60	Peak	---	---
5	11400.00	42.05	54.00	-11.95	27.11	14.94	Average	---	---
6	11400.00	54.53	74.00	-19.47	39.59	14.94	Peak	---	---

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

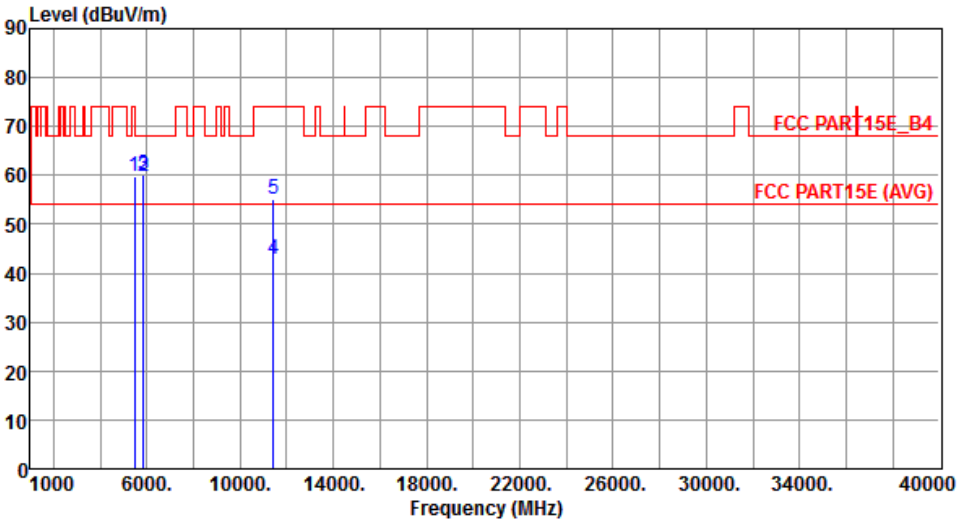
Modulation	11a	**Test Freq. (MHz)**	5700
Polarization	Vertical	**Test Configuration**	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5725.00	50.97	54.00	-3.03	45.12	5.85	Average	---	---
2	5725.00	66.71	74.00	-7.29	60.86	5.85	Peak	---	---
3	7600.00	38.39	54.00	-15.61	27.79	10.60	Average	---	---
4	7600.00	51.14	74.00	-22.86	40.54	10.60	Peak	---	---
5	11400.00	44.16	54.00	-9.84	29.22	14.94	Average	---	---
6	11400.00	56.10	74.00	-17.90	41.16	14.94	Peak	---	---

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

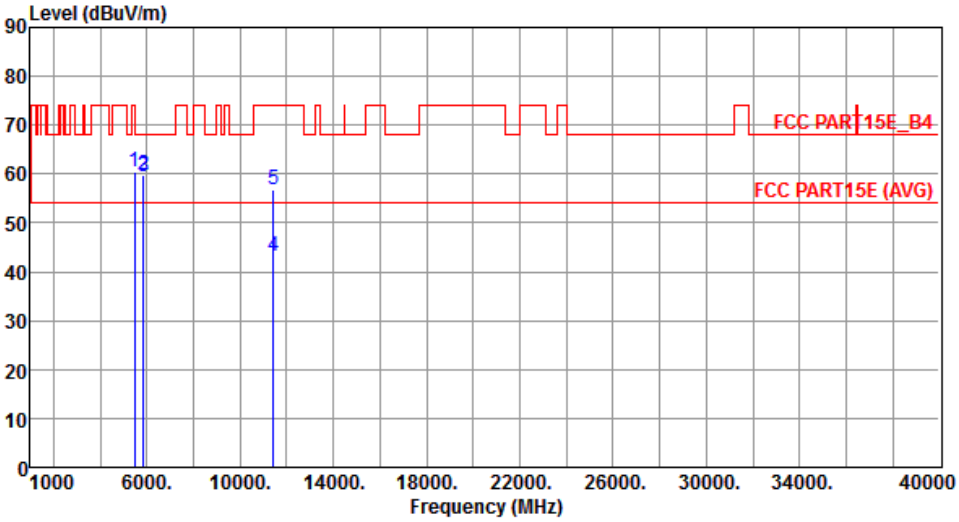
Modulation	11a	Test Freq. (MHz)	5720
Polarization	Horizontal	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5470.00	59.76	68.20	-8.44	53.86	5.90	Peak	---	---
2	5850.00	59.67	78.20	-18.53	53.77	5.90	Peak	---	---
3	5860.00	60.15	68.20	-8.05	54.24	5.91	Peak	---	---
4	11440.00	42.68	54.00	-11.32	27.82	14.86	Average	---	---
5	11440.00	55.24	74.00	-18.76	40.38	14.86	Peak	---	---

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

Modulation	11a	Test Freq. (MHz)	5720
Polarization	Vertical	Test Configuration	3

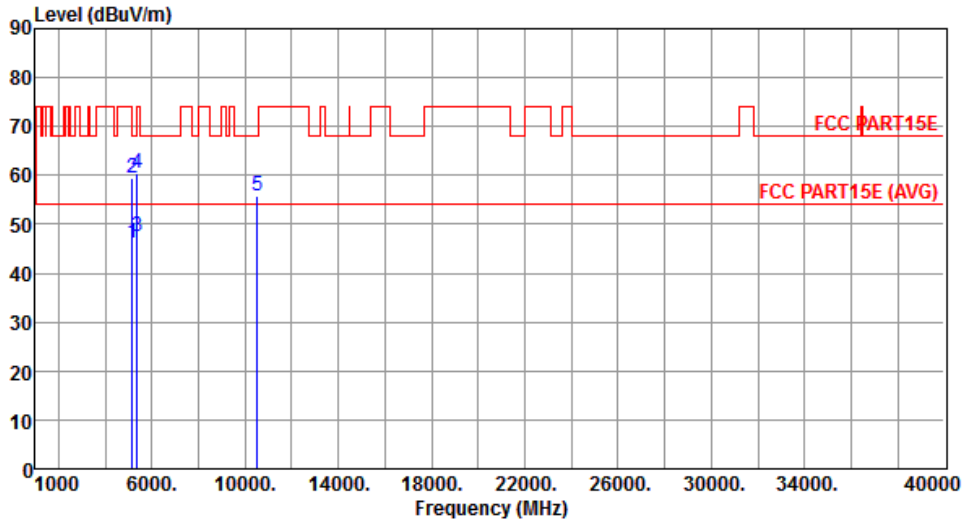


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5470.00	60.33	68.20	-7.87	54.43	5.90	Peak	---	---
2	5850.00	59.71	78.20	-18.49	53.81	5.90	Peak	---	---
3	5860.00	59.56	68.20	-8.64	53.65	5.91	Peak	---	---
4	11440.00	43.29	54.00	-10.71	28.43	14.86	Average	---	---
5	11440.00	56.72	74.00	-17.28	41.86	14.86	Peak	---	---

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

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

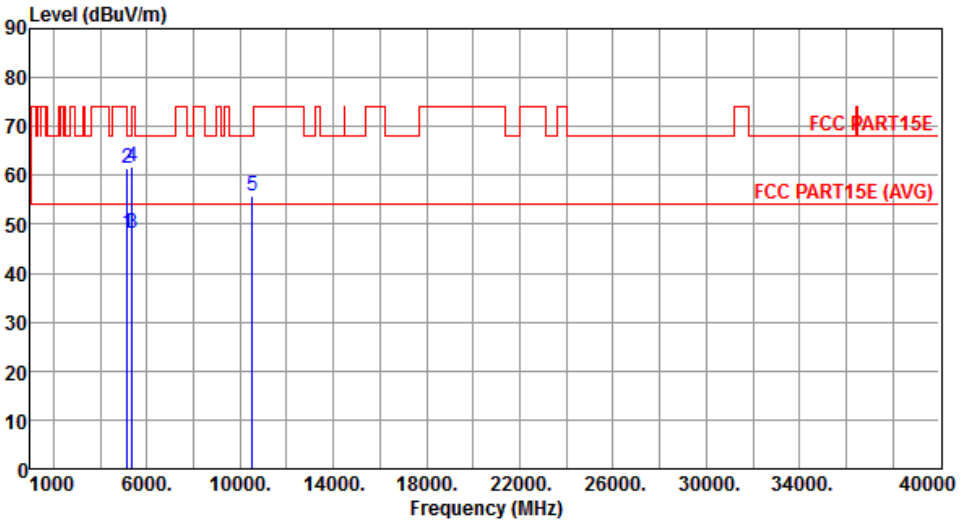
Modulation	VHT20	Test Freq. (MHz)	5260
Polarization	Horizontal	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	46.15	54.00	-7.85	40.38	5.77	Average	---	---
2	5150.00	59.29	74.00	-14.71	53.52	5.77	Peak	---	---
3	5350.00	47.36	54.00	-6.64	41.42	5.94	Average	---	---
4	5350.00	60.47	74.00	-13.53	54.53	5.94	Peak	---	---
5	10520.00	55.83	68.20	-12.37	40.43	15.40	Peak	---	---

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

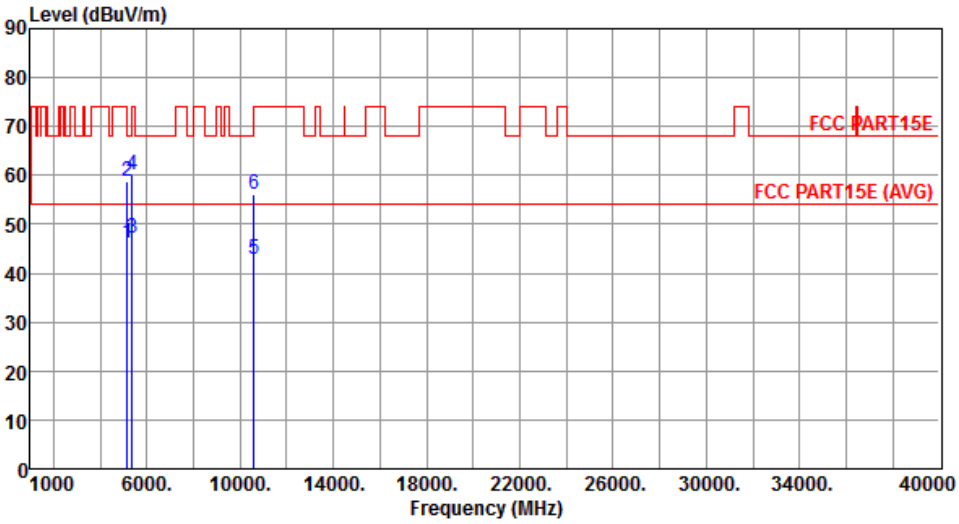
Modulation	VHT20	Test Freq. (MHz)	5260
Polarization	Vertical	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	48.12	54.00	-5.88	42.35	5.77	Average	---	---
2	5150.00	61.39	74.00	-12.61	55.62	5.77	Peak	---	---
3	5350.00	48.22	54.00	-5.78	42.28	5.94	Average	---	---
4	5350.00	61.62	74.00	-12.38	55.68	5.94	Peak	---	---
5	10520.00	55.89	68.20	-12.31	40.49	15.40	Peak	---	---

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

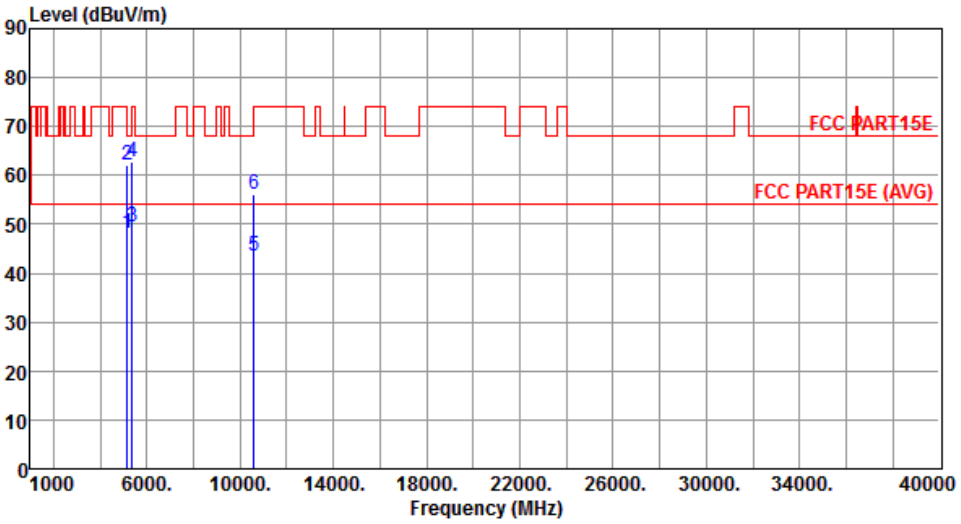
Modulation	VHT20	Test Freq. (MHz)	5300
Polarization	Horizontal	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	46.05	54.00	-7.95	40.28	5.77	Average	---	---
2	5150.00	58.92	74.00	-15.08	53.15	5.77	Peak	---	---
3	5350.00	47.25	54.00	-6.75	41.31	5.94	Average	---	---
4	5350.00	60.27	74.00	-13.73	54.33	5.94	Peak	---	---
5	10600.00	43.00	54.00	-11.00	27.56	15.44	Average	---	---
6	10600.00	55.97	74.00	-18.03	40.53	15.44	Peak	---	---

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

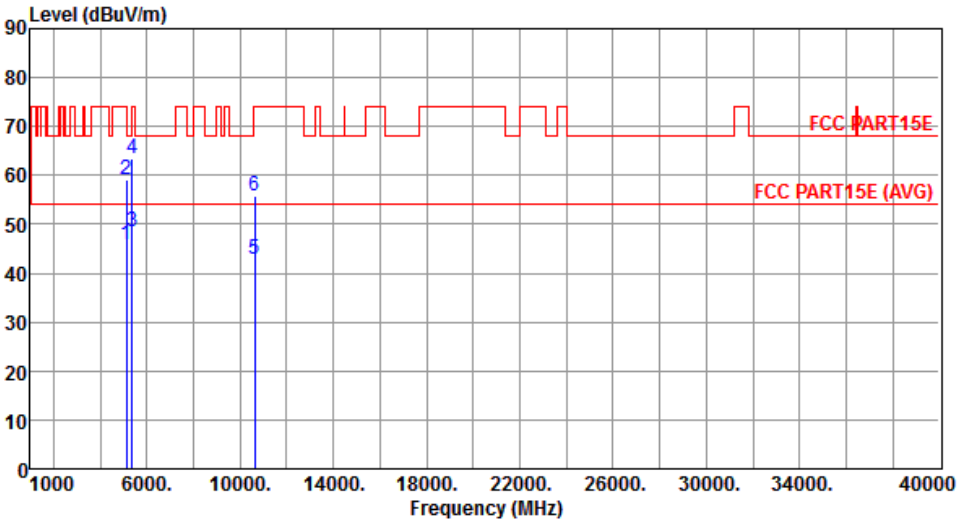
Modulation	VHT20	Test Freq. (MHz)	5300
Polarization	Vertical	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	48.18	54.00	-5.82	42.41	5.77	Average	---	---
2	5150.00	62.11	74.00	-11.89	56.34	5.77	Peak	---	---
3	5350.00	49.36	54.00	-4.64	43.42	5.94	Average	---	---
4	5350.00	62.85	74.00	-11.15	56.91	5.94	Peak	---	---
5	10600.00	43.67	54.00	-10.33	28.23	15.44	Average	---	---
6	10600.00	56.16	74.00	-17.84	40.72	15.44	Peak	---	---

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

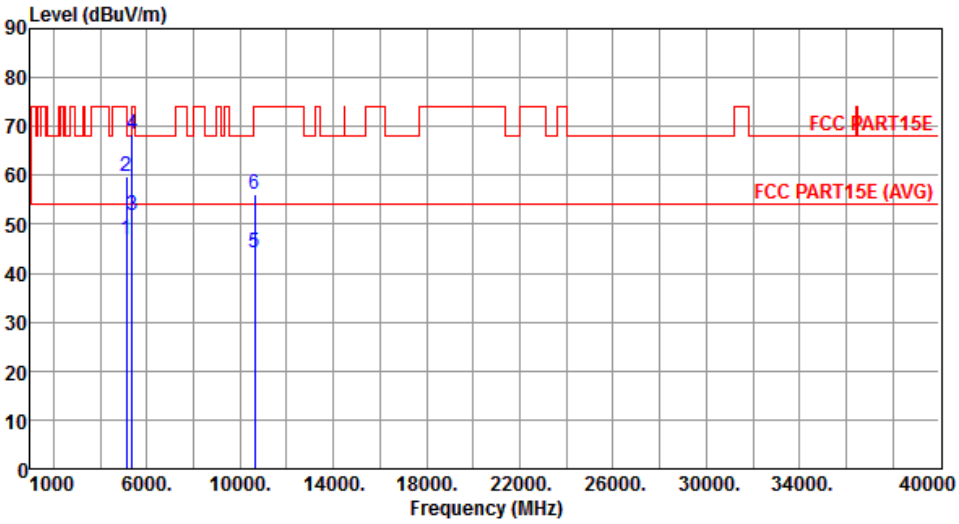
Modulation	VHT20	Test Freq. (MHz)	5320
Polarization	Horizontal	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5130.00	45.91	54.00	-8.09	40.16	5.75	Average	---	---
2	5130.00	59.27	74.00	-14.73	53.52	5.75	Peak	---	---
3	5350.00	48.59	54.00	-5.41	42.65	5.94	Average	---	---
4	5350.00	63.52	74.00	-10.48	57.58	5.94	Peak	---	---
5	10640.00	42.80	54.00	-11.20	27.33	15.47	Average	---	---
6	10640.00	55.72	74.00	-18.28	40.25	15.47	Peak	---	---

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

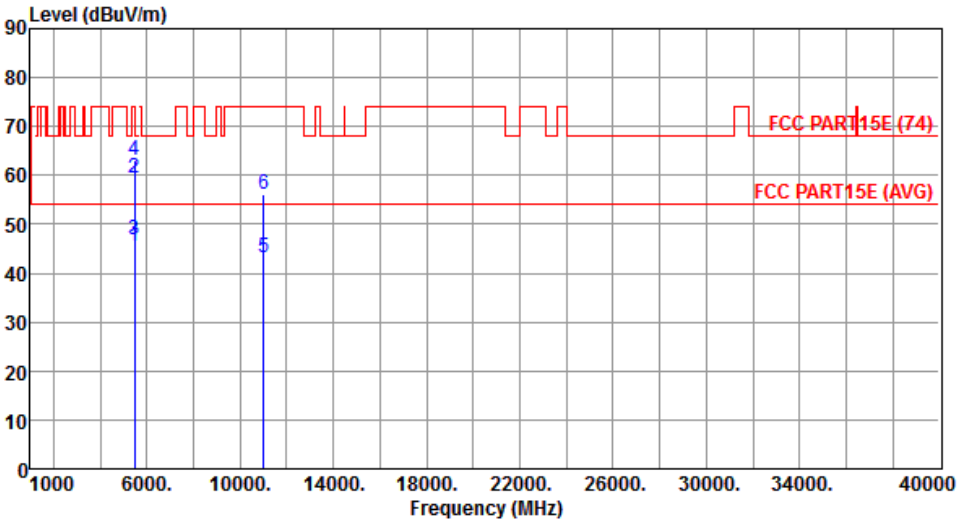
Modulation	VHT20	Test Freq. (MHz)	5320
Polarization	Vertical	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5130.00	46.87	54.00	-7.13	41.12	5.75	Average	---	---
2	5130.00	59.70	74.00	-14.30	53.95	5.75	Peak	---	---
3	5350.00	51.80	54.00	-2.20	45.86	5.94	Average	---	---
4	5350.00	68.27	74.00	-5.73	62.33	5.94	Peak	---	---
5	10640.00	44.09	54.00	-9.91	28.62	15.47	Average	---	---
6	10640.00	56.28	74.00	-17.72	40.81	15.47	Peak	---	---

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

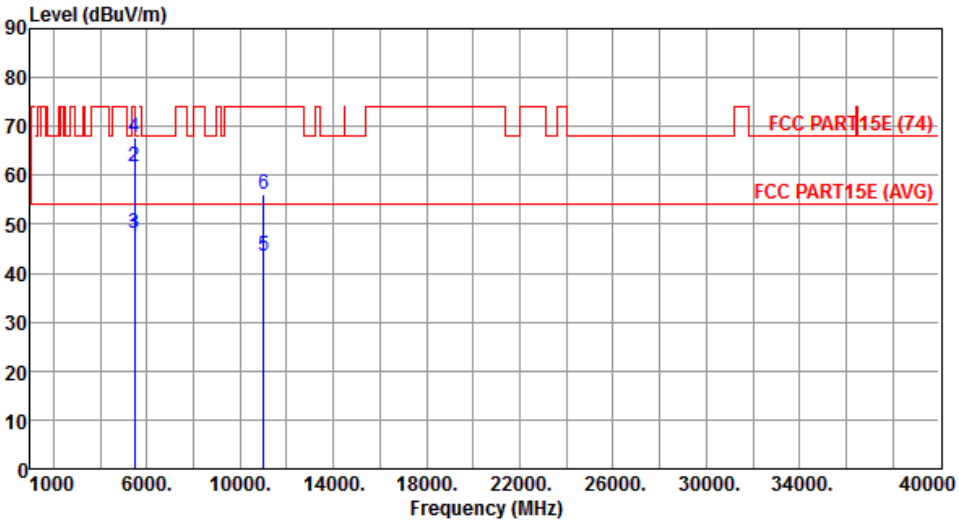
Modulation	VHT20	**Test Freq. (MHz)**	5500
Polarization	Horizontal	**Test Configuration**	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	45.40	54.00	-8.60	39.48	5.92	Average	---	---
2	5460.00	59.58	74.00	-14.42	53.66	5.92	Peak	---	---
3	5470.00	46.91	54.00	-7.09	41.01	5.90	Average	---	---
4	5470.00	62.95	74.00	-11.05	57.05	5.90	Peak	---	---
5	11000.00	43.09	54.00	-10.91	27.46	15.63	Average	---	---
6	11000.00	55.97	74.00	-18.03	40.34	15.63	Peak	---	---

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

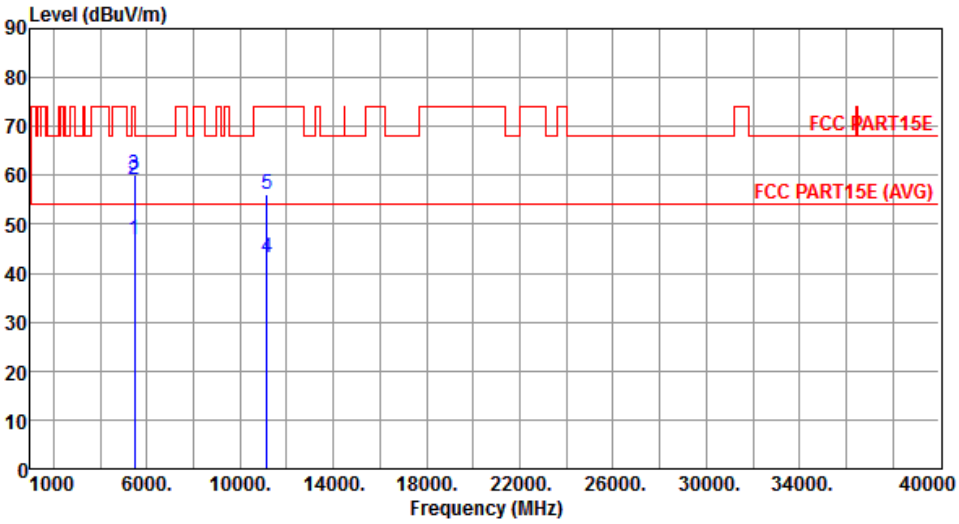
Modulation	VHT20	Test Freq. (MHz)	5500
Polarization	Vertical	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	47.57	54.00	-6.43	41.65	5.92	Average	---	---
2	5460.00	61.89	74.00	-12.11	55.97	5.92	Peak	---	---
3	5470.00	48.16	54.00	-5.84	42.26	5.90	Average	---	---
4	5470.00	67.59	74.00	-6.41	61.69	5.90	Peak	---	---
5	11000.00	43.42	54.00	-10.58	27.79	15.63	Average	---	---
6	11000.00	56.19	74.00	-17.81	40.56	15.63	Peak	---	---

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

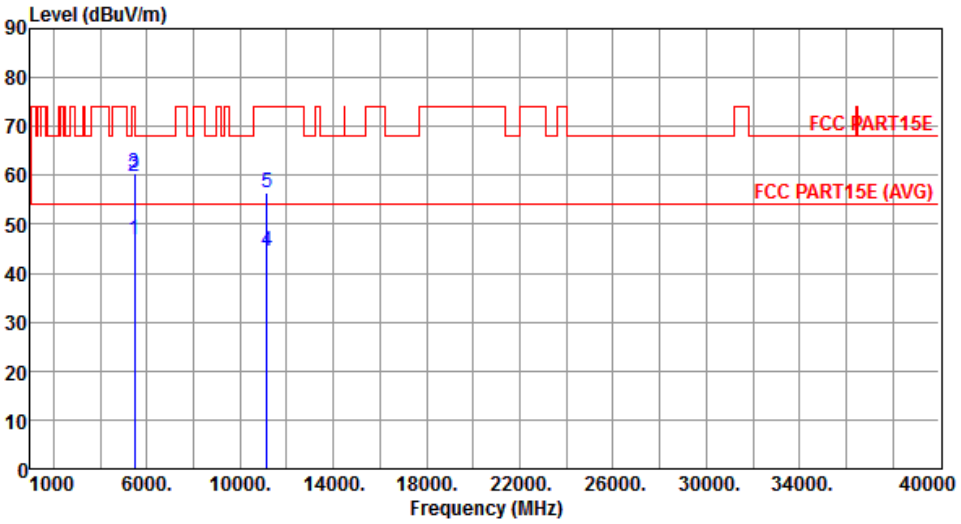
Modulation	VHT20	Test Freq. (MHz)	5580
Polarization	Horizontal	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	46.89	54.00	-7.11	40.97	5.92	Average	---	---
2	5460.00	59.05	74.00	-14.95	53.13	5.92	Peak	---	---
3	5470.00	60.18	68.20	-8.02	54.28	5.90	Peak	---	---
4	11160.00	43.15	54.00	-10.85	27.80	15.35	Average	---	---
5	11160.00	55.99	74.00	-18.01	40.64	15.35	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).

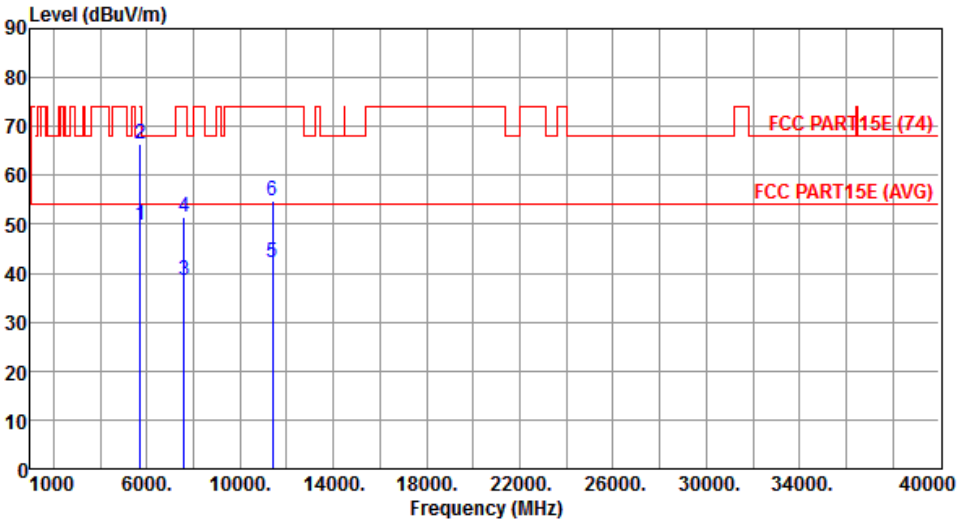
Modulation	VHT20	**Test Freq. (MHz)**	5580
Polarization	Vertical	**Test Configuration**	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	46.88	54.00	-7.12	40.96	5.92	Average	---	---
2	5460.00	59.77	74.00	-14.23	53.85	5.92	Peak	---	---
3	5470.00	60.41	68.20	-7.79	54.51	5.90	Peak	---	---
4	11160.00	44.42	54.00	-9.58	29.07	15.35	Average	---	---
5	11160.00	56.59	74.00	-17.41	41.24	15.35	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).

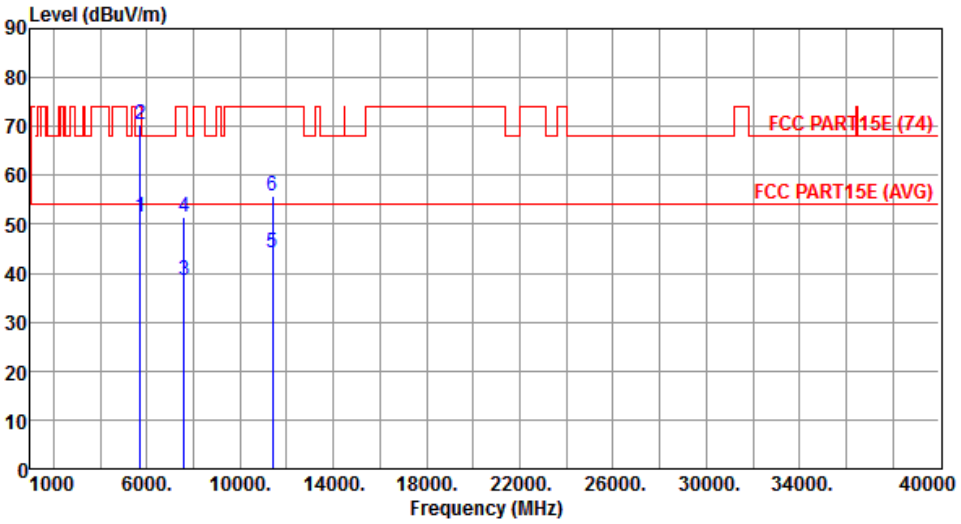
Modulation	VHT20	**Test Freq. (MHz)**	5700
Polarization	Horizontal	**Test Configuration**	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5725.00	49.88	54.00	-4.12	44.03	5.85	Average	---	---
2	5725.00	66.52	74.00	-7.48	60.67	5.85	Peak	---	---
3	7600.00	38.44	54.00	-15.56	27.84	10.60	Average	---	---
4	7600.00	51.51	74.00	-22.49	40.91	10.60	Peak	---	---
5	11400.00	42.11	54.00	-11.89	27.17	14.94	Average	---	---
6	11400.00	54.66	74.00	-19.34	39.72	14.94	Peak	---	---

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

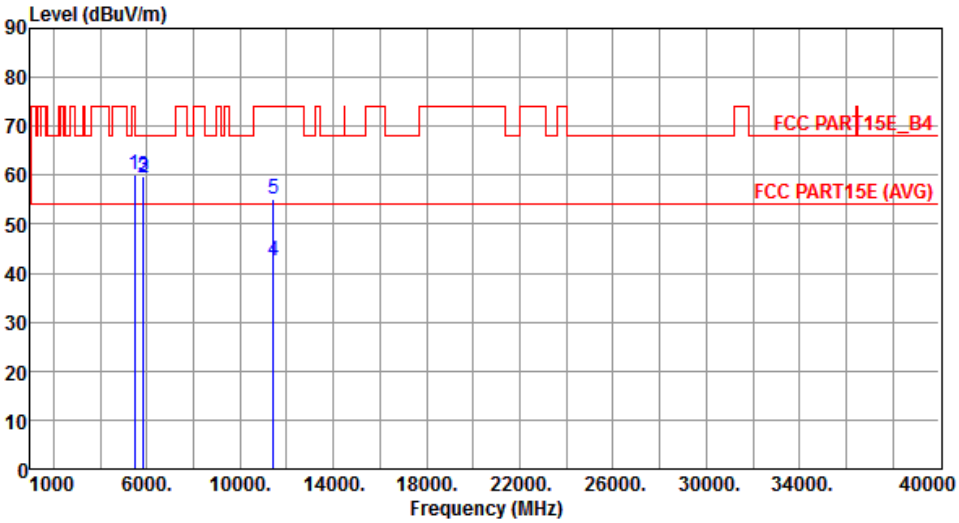
Modulation	VHT20	Test Freq. (MHz)	5700
Polarization	Vertical	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5725.00	51.38	54.00	-2.62	45.53	5.85	Average	---	---
2	5725.00	70.38	74.00	-3.62	64.53	5.85	Peak	---	---
3	7600.00	38.45	54.00	-15.55	27.85	10.60	Average	---	---
4	7600.00	51.33	74.00	-22.67	40.73	10.60	Peak	---	---
5	11400.00	44.02	54.00	-9.98	29.08	14.94	Average	---	---
6	11400.00	55.85	74.00	-18.15	40.91	14.94	Peak	---	---

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

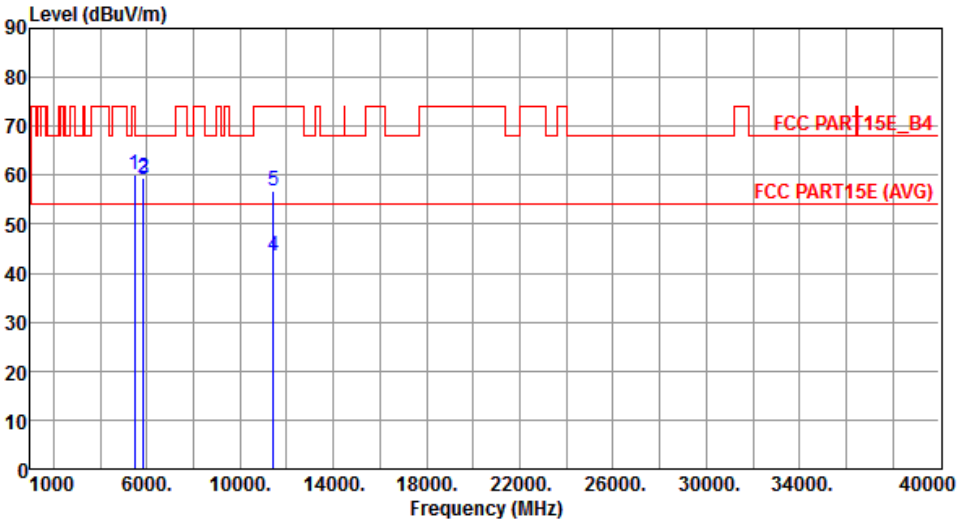
Modulation	VHT20	Test Freq. (MHz)	5720
Polarization	Horizontal	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5470.00	60.01	68.20	-8.19	54.11	5.90	Peak	---	---
2	5850.00	59.54	78.20	-18.66	53.64	5.90	Peak	---	---
3	5860.00	59.93	68.20	-8.27	54.02	5.91	Peak	---	---
4	11440.00	42.49	54.00	-11.51	27.63	14.86	Average	---	---
5	11440.00	55.01	74.00	-18.99	40.15	14.86	Peak	---	---

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

Modulation	VHT20	**Test Freq. (MHz)**	5720
Polarization	Vertical	**Test Configuration**	3

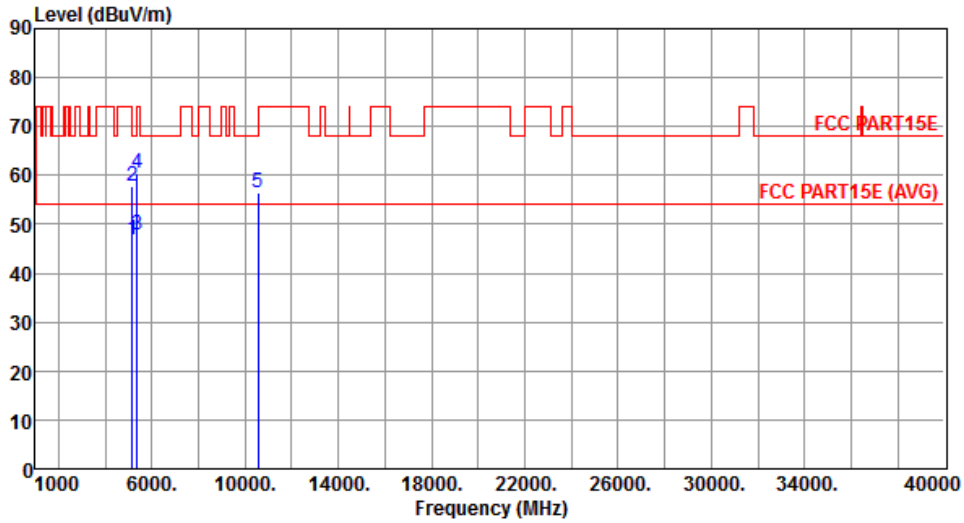


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5470.00	60.15	68.20	-8.05	54.25	5.90	Peak	---	---
2	5850.00	59.40	78.20	-18.80	53.50	5.90	Peak	---	---
3	5860.00	59.22	68.20	-8.98	53.31	5.91	Peak	---	---
4	11440.00	43.39	54.00	-10.61	28.53	14.86	Average	---	---
5	11440.00	56.81	74.00	-17.19	41.95	14.86	Peak	---	---

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

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

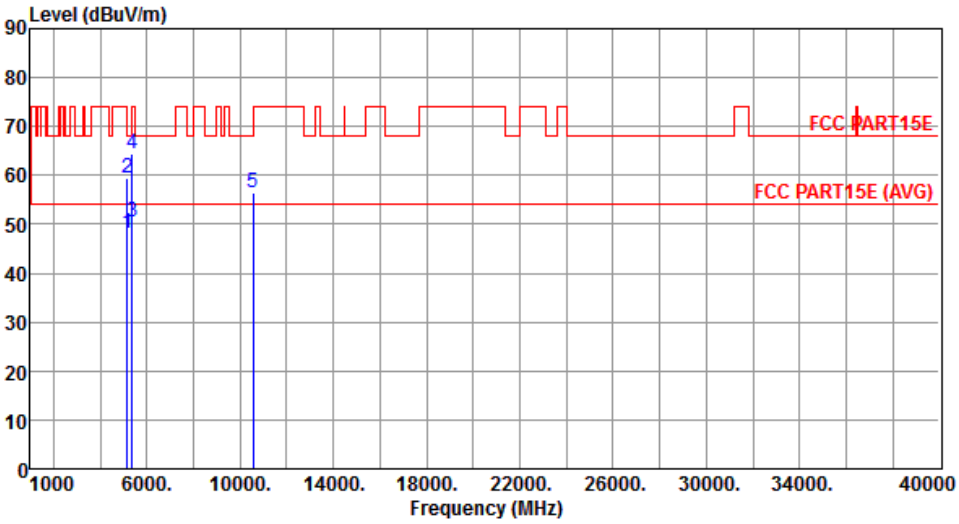
Modulation	VHT40	Test Freq. (MHz)	5270
Polarization	Horizontal	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	46.72	54.00	-7.28	40.95	5.77	Average	---	---
2	5150.00	57.90	74.00	-16.10	52.13	5.77	Peak	---	---
3	5350.00	47.93	54.00	-6.07	41.99	5.94	Average	---	---
4	5350.00	60.46	74.00	-13.54	54.52	5.94	Peak	---	---
5	10540.00	56.40	68.20	-11.80	40.98	15.42	Peak	---	---

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

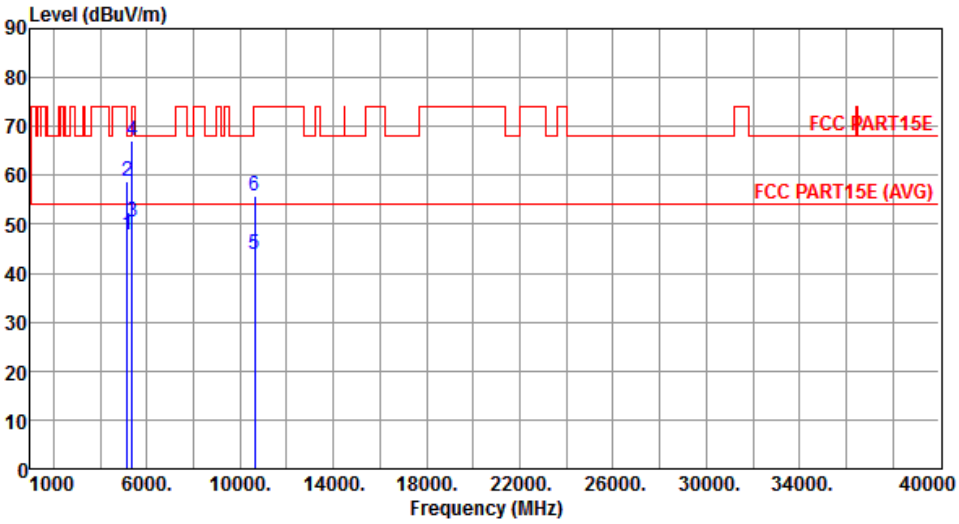
Modulation	VHT40	Test Freq. (MHz)	5270
Polarization	Vertical	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	48.00	54.00	-6.00	42.23	5.77	Average	---	---
2	5150.00	59.39	74.00	-14.61	53.62	5.77	Peak	---	---
3	5350.00	50.64	54.00	-3.36	44.70	5.94	Average	---	---
4	5350.00	64.53	74.00	-9.47	58.59	5.94	Peak	---	---
5	10540.00	56.35	68.20	-11.85	40.93	15.42	Peak	---	---

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

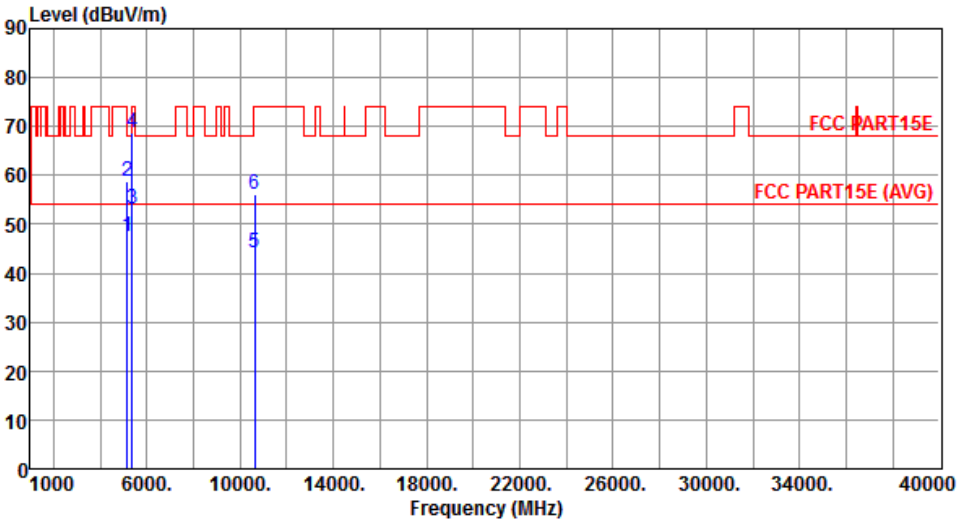
Modulation	VHT40	Test Freq. (MHz)	5310
Polarization	Horizontal	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	47.76	54.00	-6.24	41.99	5.77	Average	---	---
2	5150.00	58.62	74.00	-15.38	52.85	5.77	Peak	---	---
3	5350.00	50.49	54.00	-3.51	44.55	5.94	Average	---	---
4	5350.00	66.94	74.00	-7.06	61.00	5.94	Peak	---	---
5	10620.00	43.88	54.00	-10.12	28.43	15.45	Average	---	---
6	10620.00	55.73	74.00	-18.27	40.28	15.45	Peak	---	---

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

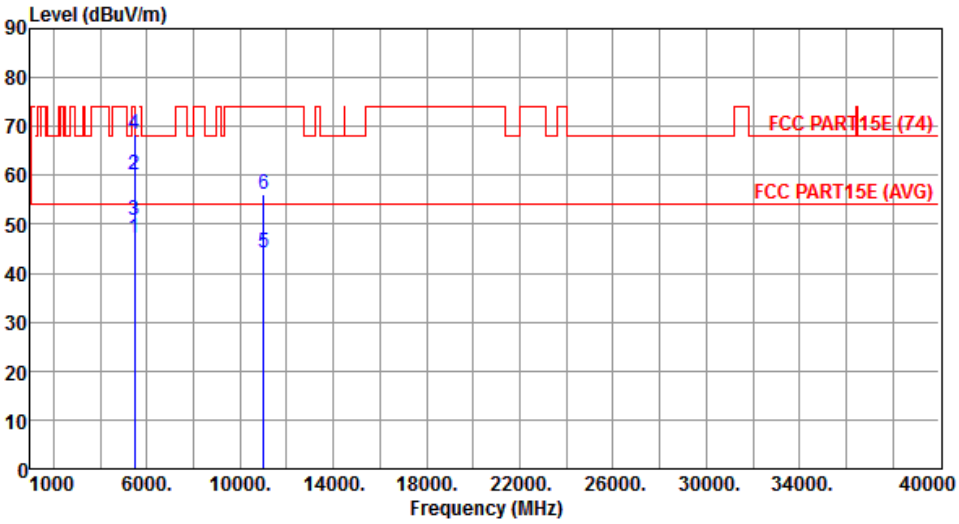
Modulation	VHT40	Test Freq. (MHz)	5310
Polarization	Vertical	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	47.35	54.00	-6.65	41.58	5.77	Average	---	---
2	5150.00	58.62	74.00	-15.38	52.85	5.77	Peak	---	---
3	5350.00	52.97	54.00	-1.03	47.03	5.94	Average	---	---
4	5350.00	68.63	74.00	-5.37	62.69	5.94	Peak	---	---
5	10620.00	44.22	54.00	-9.78	28.77	15.45	Average	---	---
6	10620.00	55.96	74.00	-18.04	40.51	15.45	Peak	---	---

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

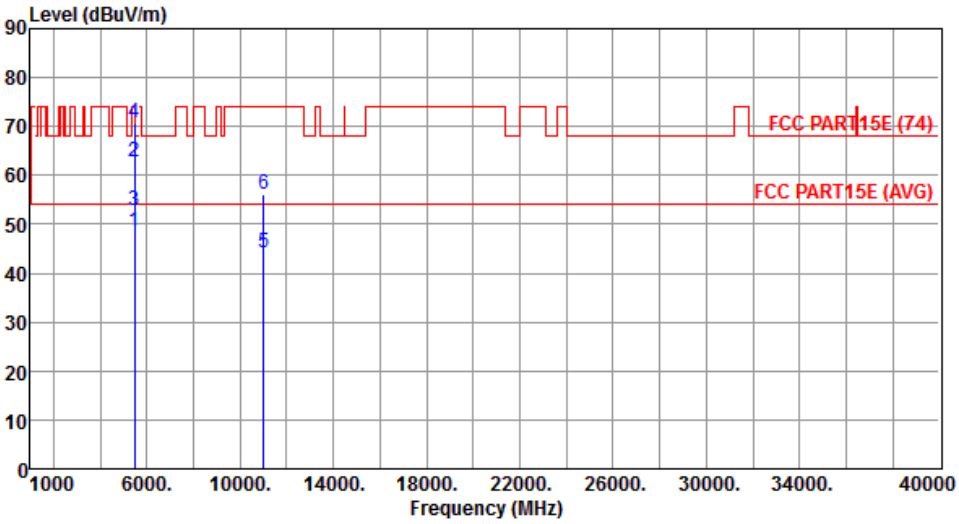
Modulation	VHT40	Test Freq. (MHz)	5510
Polarization	Horizontal	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	47.11	54.00	-6.89	41.19	5.92	Average	---	---
2	5460.00	60.06	74.00	-13.94	54.14	5.92	Peak	---	---
3	5470.00	50.84	54.00	-3.16	44.94	5.90	Average	---	---
4	5470.00	68.34	74.00	-5.66	62.44	5.90	Peak	---	---
5	11020.00	44.03	54.00	-9.97	28.43	15.60	Average	---	---
6	11020.00	56.19	74.00	-17.81	40.59	15.60	Peak	---	---

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

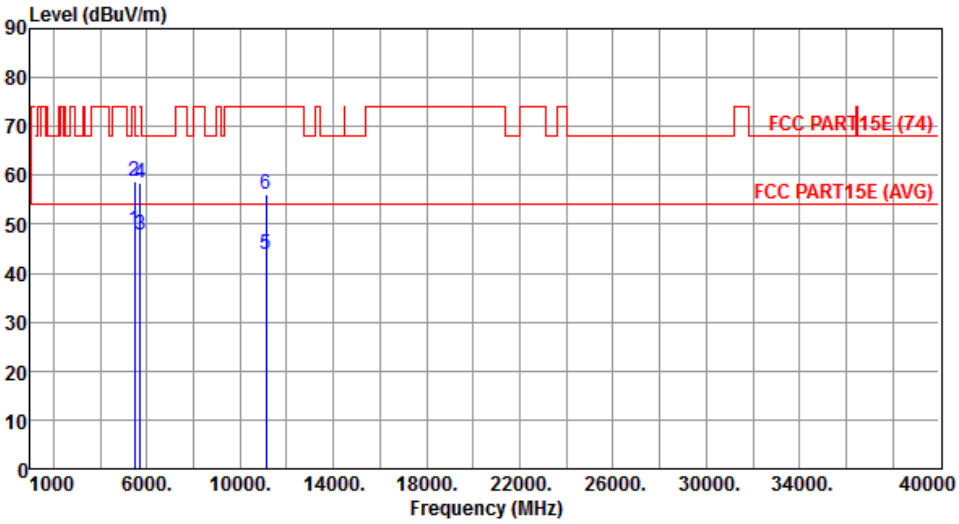
Modulation	VHT40	Test Freq. (MHz)	5510
Polarization	Vertical	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	48.57	54.00	-5.43	42.65	5.92	Average	---	---
2	5460.00	62.81	74.00	-11.19	56.89	5.92	Peak	---	---
3	5470.00	52.77	54.00	-1.23	46.87	5.90	Average	---	---
4	5470.00	70.90	74.00	-3.10	65.00	5.90	Peak	---	---
5	11020.00	44.02	54.00	-9.98	28.42	15.60	Average	---	---
6	11020.00	55.98	74.00	-18.02	40.38	15.60	Peak	---	---

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

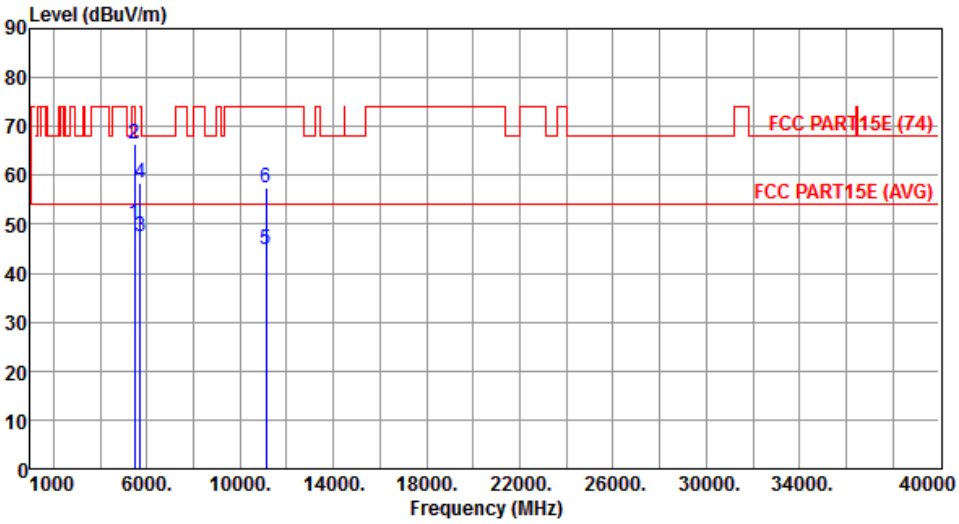
Modulation	VHT40	Test Freq. (MHz)	5550
Polarization	Horizontal	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5470.00	48.89	54.00	-5.11	42.99	5.90	Average	---	---
2	5470.00	58.80	74.00	-15.20	52.90	5.90	Peak	---	---
3	5725.00	47.70	54.00	-6.30	41.85	5.85	Average	---	---
4	5725.00	58.40	74.00	-15.60	52.55	5.85	Peak	---	---
5	11100.00	43.82	54.00	-10.18	28.37	15.45	Average	---	---
6	11100.00	55.97	74.00	-18.03	40.52	15.45	Peak	---	---

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

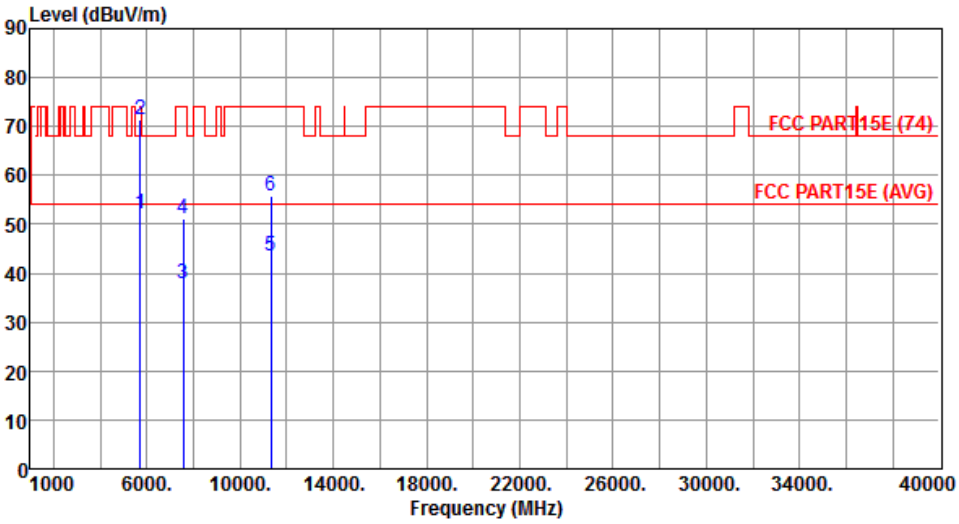
Modulation	VHT40	Test Freq. (MHz)	5550
Polarization	Vertical	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5470.00	50.21	54.00	-3.79	44.31	5.90	Average	---	---
2	5470.00	66.50	74.00	-7.50	60.60	5.90	Peak	---	---
3	5725.00	47.43	54.00	-6.57	41.58	5.85	Average	---	---
4	5725.00	58.59	74.00	-15.41	52.74	5.85	Peak	---	---
5	11100.00	44.85	54.00	-9.15	29.40	15.45	Average	---	---
6	11100.00	57.45	74.00	-16.55	42.00	15.45	Peak	---	---

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

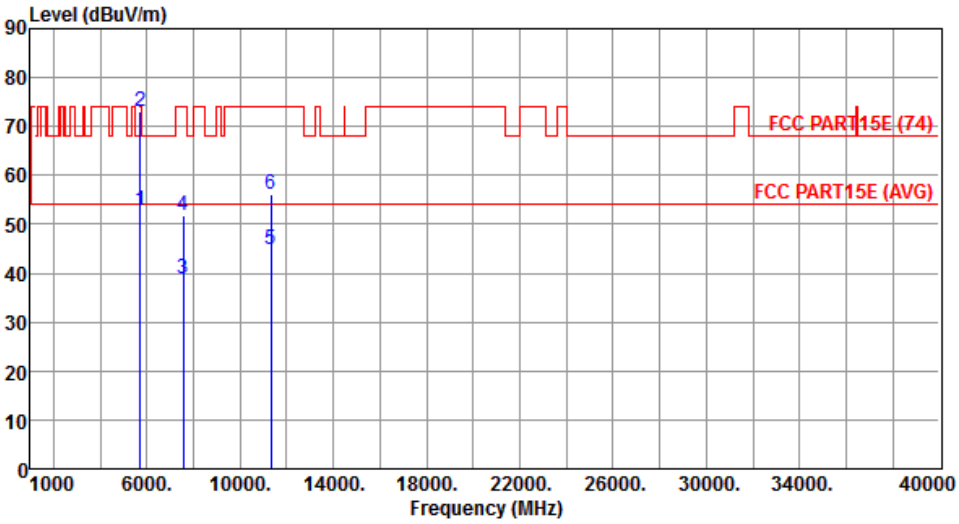
Modulation	VHT40	Test Freq. (MHz)	5670
Polarization	Horizontal	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5725.00	52.00	54.00	-2.00	46.15	5.85	Average	---	---
2	5725.00	71.55	74.00	-2.45	65.70	5.85	Peak	---	---
3	7560.00	37.92	54.00	-16.08	27.51	10.41	Average	---	---
4	7560.00	51.25	74.00	-22.75	40.84	10.41	Peak	---	---
5	11340.00	43.59	54.00	-10.41	28.55	15.04	Average	---	---
6	11340.00	55.89	74.00	-18.11	40.85	15.04	Peak	---	---

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

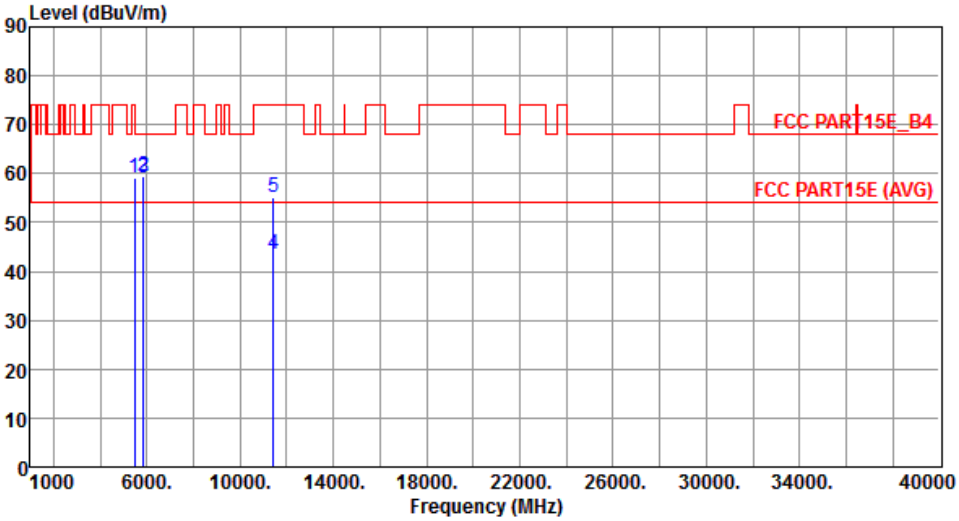
Modulation	VHT40	Test Freq. (MHz)	5670
Polarization	Vertical	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5725.00	52.89	54.00	-1.11	47.04	5.85	Average	---	---
2	5725.00	72.96	74.00	-1.04	67.11	5.85	Peak	---	---
3	7560.00	38.98	54.00	-15.02	28.57	10.41	Average	---	---
4	7560.00	51.81	74.00	-22.19	41.40	10.41	Peak	---	---
5	11340.00	44.85	54.00	-9.15	29.81	15.04	Average	---	---
6	11340.00	56.22	74.00	-17.78	41.18	15.04	Peak	---	---

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

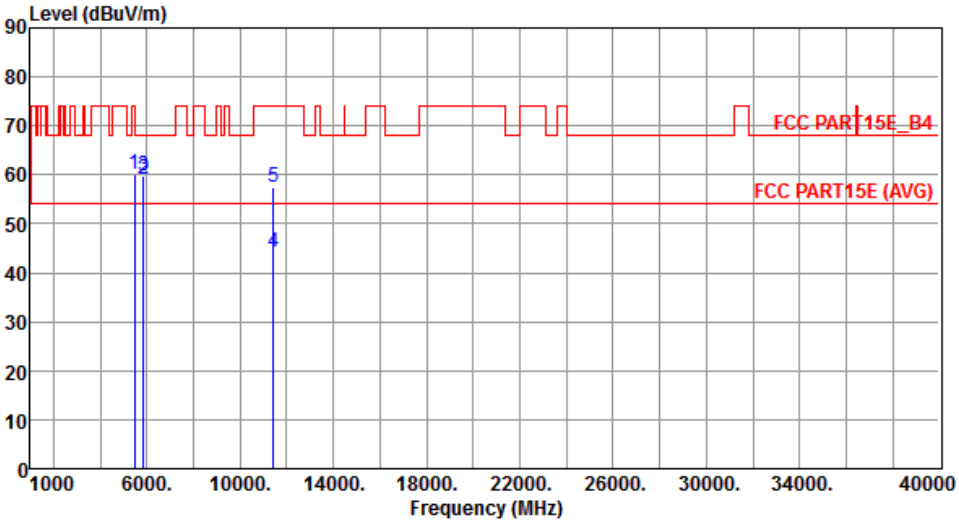
Modulation	VHT40	Test Freq. (MHz)	5710
Polarization	Horizontal	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5470.00	59.09	68.20	-9.11	53.19	5.90	Peak	---	---
2	5850.00	59.31	78.20	-18.89	53.41	5.90	Peak	---	---
3	5860.00	59.09	68.20	-9.11	53.18	5.91	Peak	---	---
4	11420.00	43.46	54.00	-10.54	28.56	14.90	Average	---	---
5	11420.00	55.29	74.00	-18.71	40.39	14.90	Peak	---	---

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

Modulation	VHT40	Test Freq. (MHz)	5710
Polarization	Vertical	Test Configuration	3

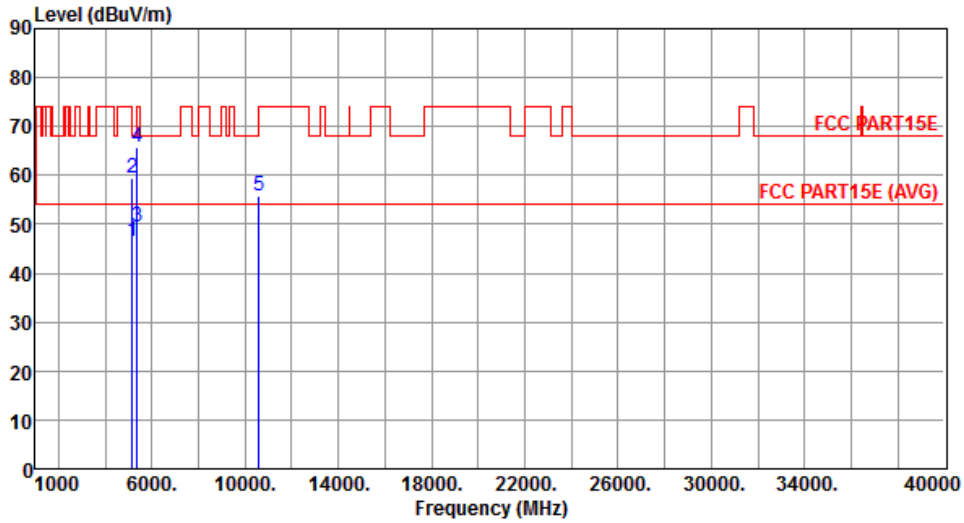


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5470.00	60.25	68.20	-7.95	54.35	5.90	Peak	---	---
2	5850.00	59.01	78.20	-19.19	53.11	5.90	Peak	---	---
3	5860.00	59.70	68.20	-8.50	53.79	5.91	Peak	---	---
4	11420.00	44.21	54.00	-9.79	29.31	14.90	Average	---	---
5	11420.00	57.32	74.00	-16.68	42.42	14.90	Peak	---	---

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

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

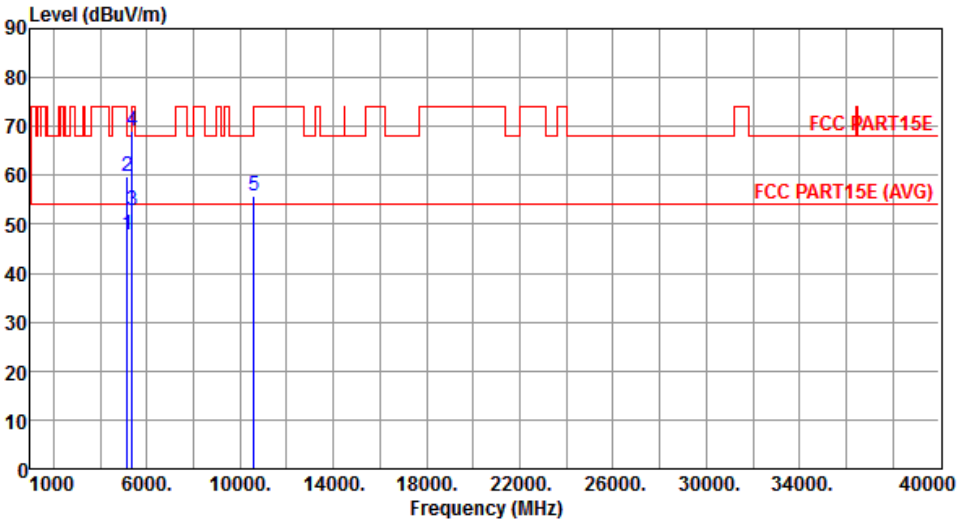
Modulation	VHT80	Test Freq. (MHz)	5290
Polarization	Horizontal	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	46.62	54.00	-7.38	40.85	5.77	Average	---	---
2	5150.00	59.54	74.00	-14.46	53.77	5.77	Peak	---	---
3	5350.00	49.59	54.00	-4.41	43.65	5.94	Average	---	---
4	5350.00	65.82	74.00	-8.18	59.88	5.94	Peak	---	---
5	10580.00	55.90	68.20	-12.30	40.48	15.42	Peak	---	---

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

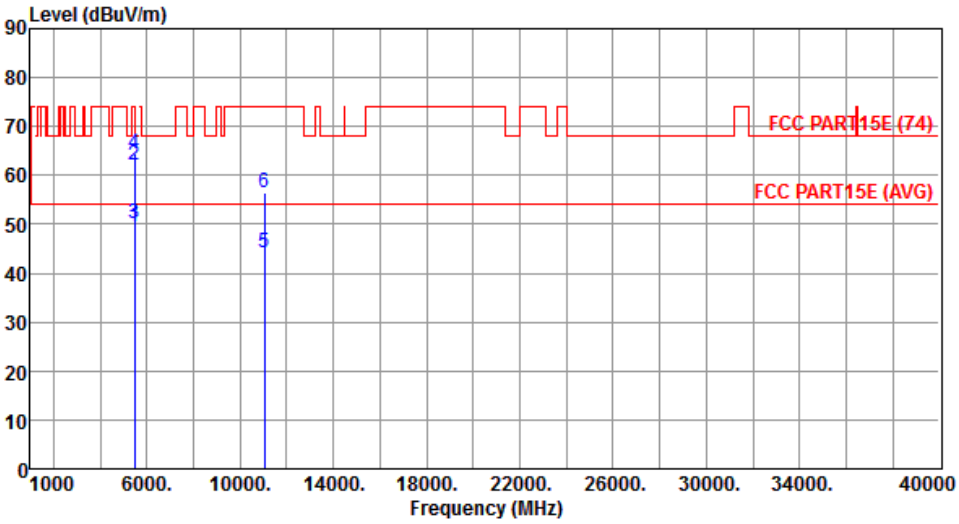
Modulation	VHT80	Test Freq. (MHz)	5290
Polarization	Vertical	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	47.77	54.00	-6.23	42.00	5.77	Average	---	---
2	5150.00	59.69	74.00	-14.31	53.92	5.77	Peak	---	---
3	5350.00	52.72	54.00	-1.28	46.78	5.94	Average	---	---
4	5350.00	68.96	74.00	-5.04	63.02	5.94	Peak	---	---
5	10580.00	55.81	68.20	-12.39	40.39	15.42	Peak	---	---

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

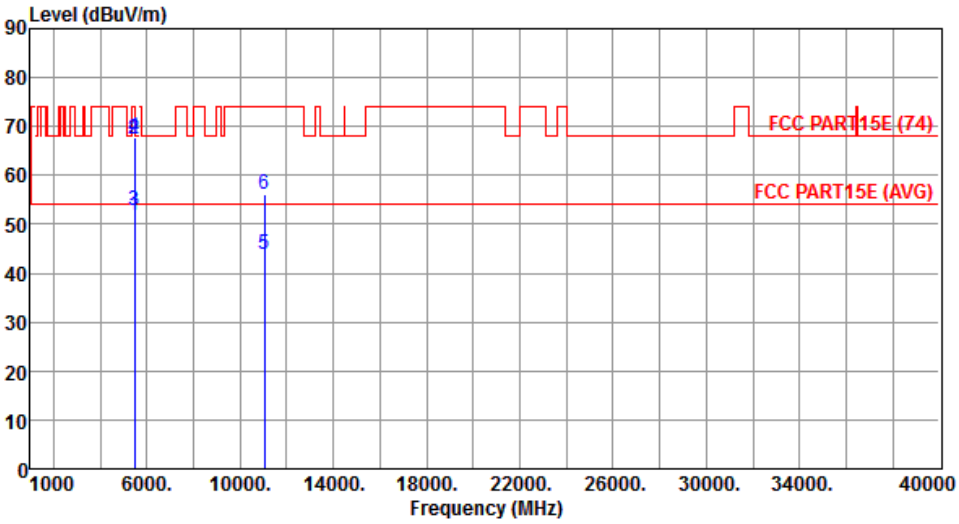
Modulation	VHT80	Test Freq. (MHz)	5530
Polarization	Horizontal	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	49.59	54.00	-4.41	43.67	5.92	Average	---	---
2	5460.00	62.17	74.00	-11.83	56.25	5.92	Peak	---	---
3	5470.00	50.21	54.00	-3.79	44.31	5.90	Average	---	---
4	5470.00	64.53	74.00	-9.47	58.63	5.90	Peak	---	---
5	11060.00	44.14	54.00	-9.86	28.61	15.53	Average	---	---
6	11060.00	56.46	74.00	-17.54	40.93	15.53	Peak	---	---

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

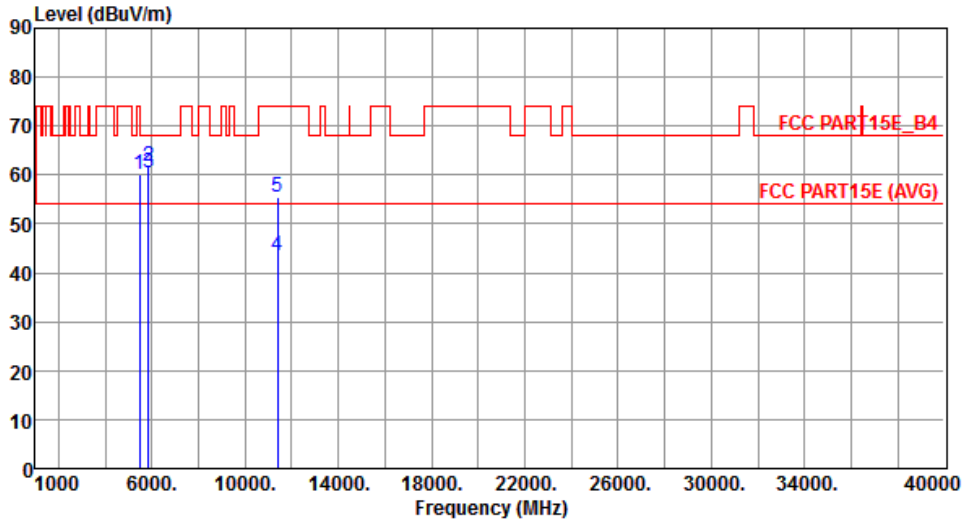
Modulation	VHT80	Test Freq. (MHz)	5530
Polarization	Vertical	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	51.87	54.00	-2.13	45.95	5.92	Average	---	---
2	5460.00	67.57	74.00	-6.43	61.65	5.92	Peak	---	---
3	5470.00	52.73	54.00	-1.27	46.83	5.90	Average	---	---
4	5470.00	67.83	74.00	-6.17	61.93	5.90	Peak	---	---
5	11060.00	43.96	54.00	-10.04	28.43	15.53	Average	---	---
6	11060.00	56.06	74.00	-17.94	40.53	15.53	Peak	---	---

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

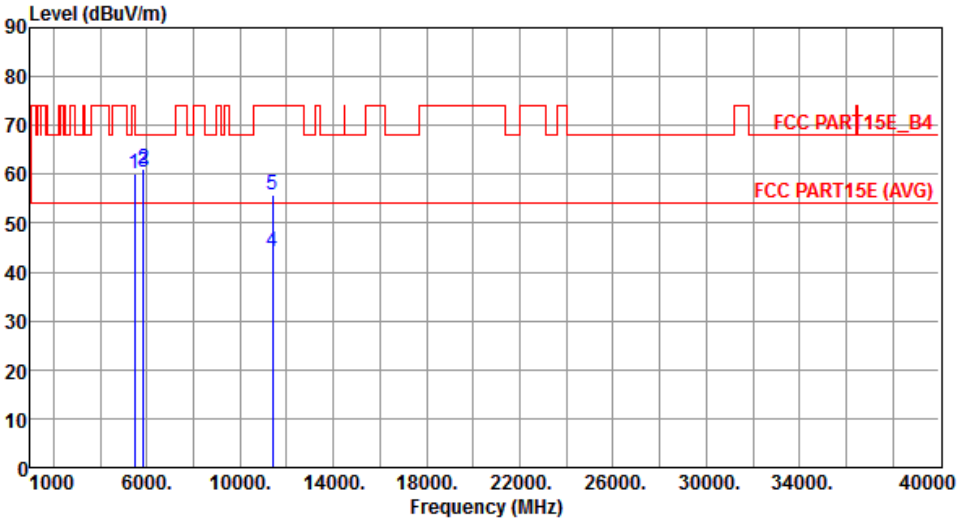
Modulation	VHT80	Test Freq. (MHz)	5690
Polarization	Horizontal	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5470.00	60.12	68.20	-8.08	54.22	5.90	Peak	---	---
2	5850.00	61.88	78.20	-16.32	55.98	5.90	Peak	---	---
3	5860.00	60.47	68.20	-7.73	54.56	5.91	Peak	---	---
4	11380.00	43.50	54.00	-10.50	28.54	14.96	Average	---	---
5	11380.00	55.61	74.00	-18.39	40.65	14.96	Peak	---	---

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

Modulation	VHT80	Test Freq. (MHz)	5690
Polarization	Vertical	Test Configuration	3



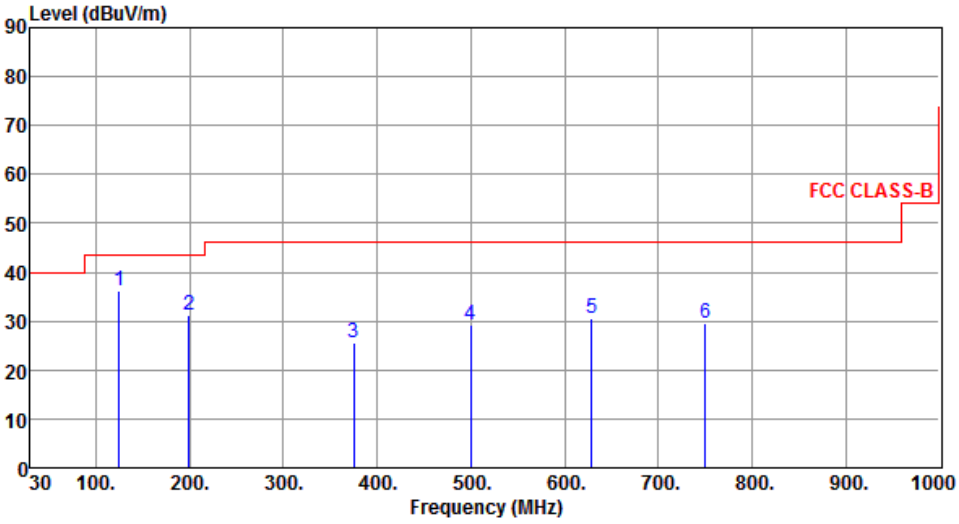
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5470.00	59.96	68.20	-8.24	54.06	5.90	Peak	---	---
2	5850.00	61.25	78.20	-16.95	55.35	5.90	Peak	---	---
3	5860.00	60.52	68.20	-7.68	54.61	5.91	Peak	---	---
4	11380.00	44.28	54.00	-9.72	29.32	14.96	Average	---	---
5	11380.00	55.79	74.00	-18.21	40.83	14.96	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).

(Configuration 4: External Directional Panel antenna (model WS-AI-DD05120)

3.5.22 Transmitter Radiated Unwanted Emissions (Below 1GHz)_Adapter mode

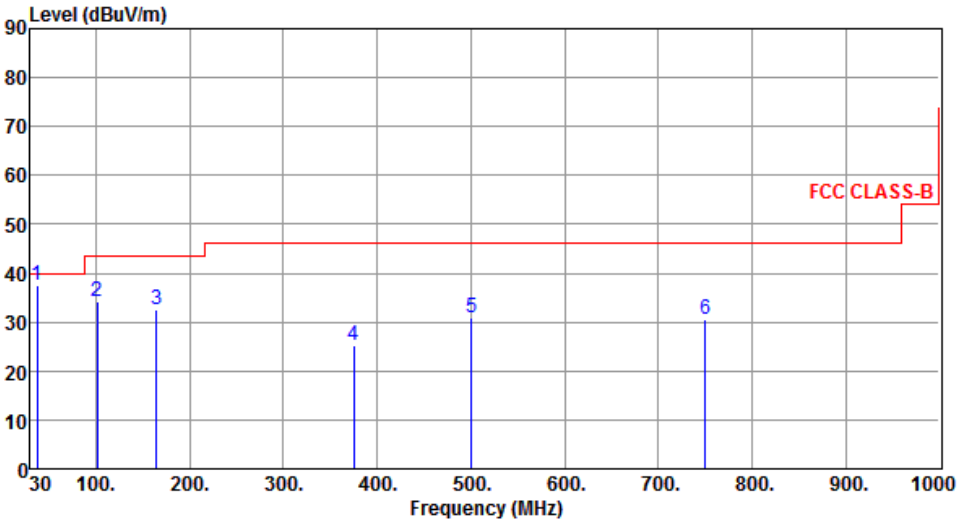
Modulation	VHT40	Test Freq. (MHz)	5270
Polarization	Horizontal	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	125.14	36.07	43.50	-7.43	54.69	-18.62	Peak	---	---
2	198.86	31.26	43.50	-12.24	50.43	-19.17	Peak	---	---
3	375.47	25.73	46.00	-20.27	39.96	-14.23	Peak	---	---
4	500.26	29.06	46.00	-16.94	40.48	-11.42	Peak	---	---
5	628.53	30.46	46.00	-15.54	39.63	-9.17	Peak	---	---
6	750.42	29.58	46.00	-16.42	36.64	-7.06	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	4

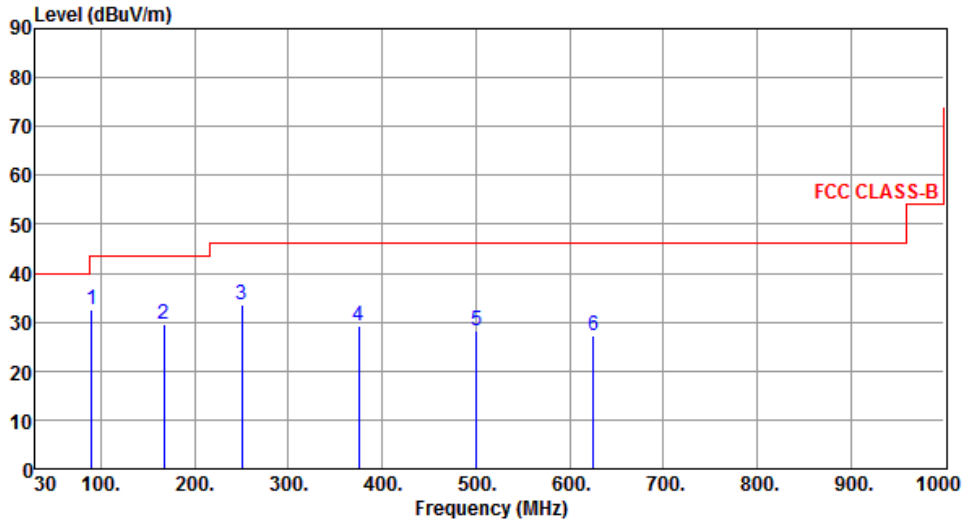


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	37.66	37.46	40.00	-2.54	54.52	-17.06	Peak	---	---
2	101.54	34.13	43.50	-9.37	55.61	-21.48	Peak	---	---
3	164.72	32.65	43.50	-10.85	49.52	-16.87	Peak	---	---
4	375.26	25.24	46.00	-20.76	39.47	-14.23	Peak	---	---
5	500.42	30.87	46.00	-15.13	42.28	-11.41	Peak	---	---
6	750.61	30.48	46.00	-15.52	37.54	-7.06	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.

3.5.23 Transmitter Radiated Unwanted Emissions (Below 1GHz)_POE mode

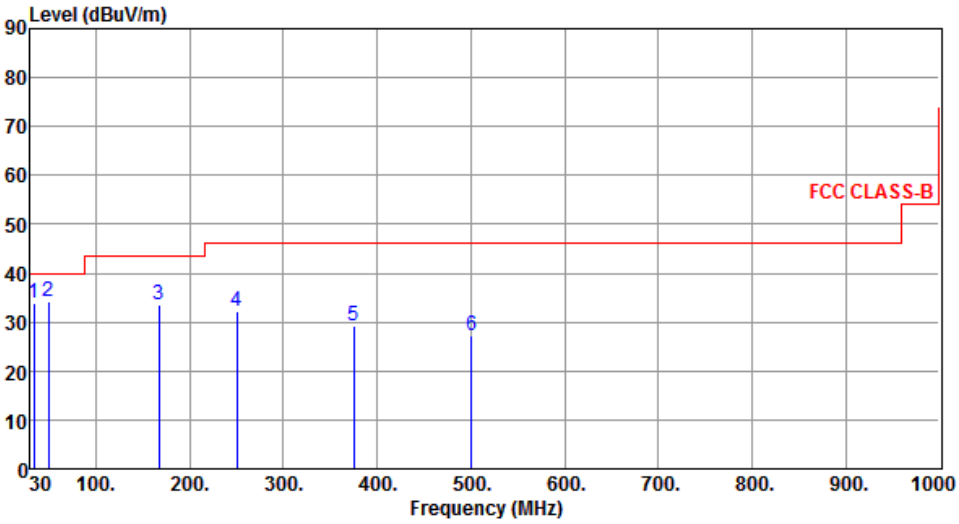
Modulation	VHT40	Test Freq. (MHz)	5270
Polarization	Horizontal	Test Configuration	8



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	89.85	32.47	43.50	-11.03	55.42	-22.95	Peak	---	---
2	167.53	29.46	43.50	-14.04	46.38	-16.92	Peak	---	---
3	250.30	33.50	46.00	-12.50	51.24	-17.74	Peak	---	---
4	375.46	29.08	46.00	-16.92	43.31	-14.23	Peak	---	---
5	500.36	28.22	46.00	-17.78	39.63	-11.41	Peak	---	---
6	625.26	27.12	46.00	-18.88	36.33	-9.21	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	8

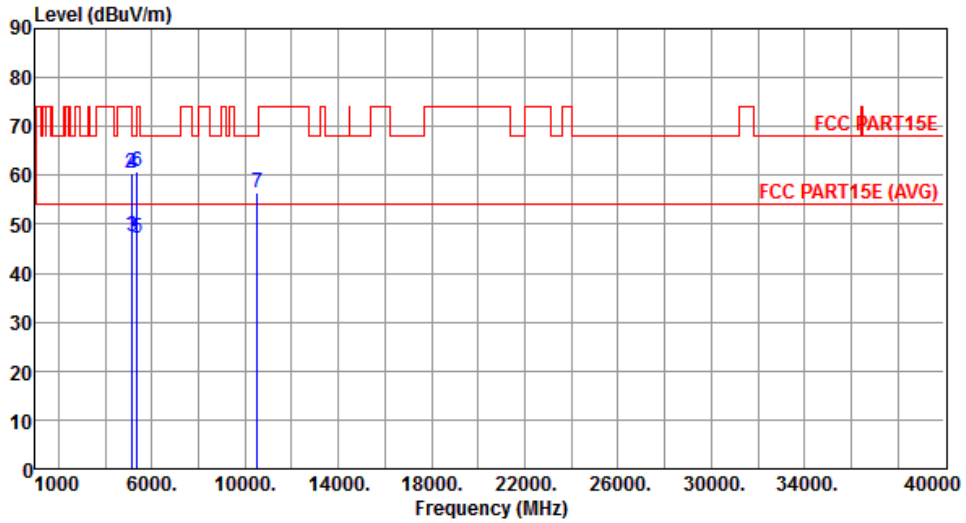


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	33.60	33.74	40.00	-6.26	51.13	-17.39	Peak	---	---
2	49.68	34.15	40.00	-5.85	50.55	-16.40	Peak	---	---
3	167.56	33.50	43.50	-10.00	50.42	-16.92	Peak	---	---
4	250.26	32.22	46.00	-13.78	49.96	-17.74	Peak	---	---
5	375.38	29.08	46.00	-16.92	43.31	-14.23	Peak	---	---
6	500.33	27.10	46.00	-18.90	38.51	-11.41	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.

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

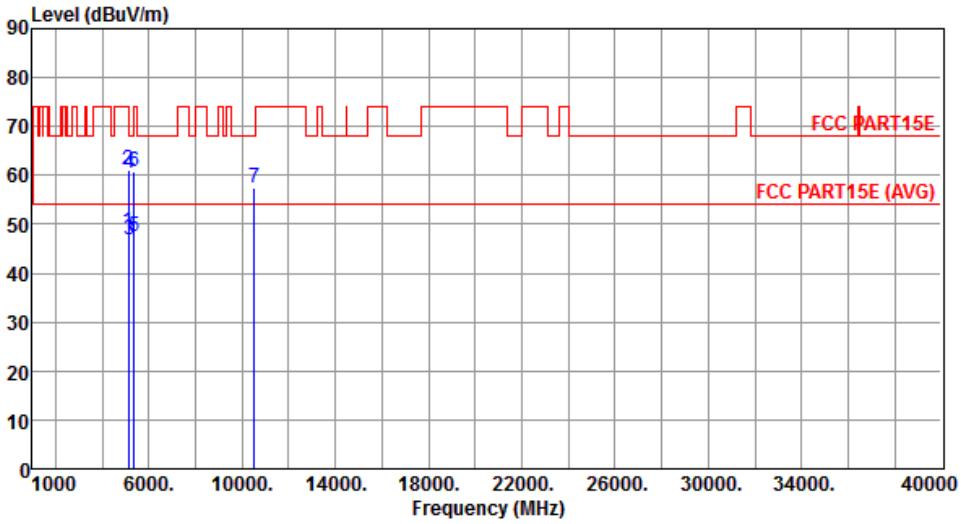
Modulation	11a	Test Freq. (MHz)	5260
Polarization	Horizontal	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5106.00	47.81	54.00	-6.19	42.10	5.71	Average	---	---
2	5106.00	60.50	74.00	-13.50	54.79	5.71	Peak	---	---
3	5150.00	47.55	54.00	-6.45	41.78	5.77	Average	---	---
4	5150.00	60.49	74.00	-13.51	54.72	5.77	Peak	---	---
5	5350.00	47.15	54.00	-6.85	41.21	5.94	Average	---	---
6	5350.00	60.87	74.00	-13.13	54.93	5.94	Peak	---	---
7	10520.00	56.40	68.20	-11.80	41.00	15.40	Peak	---	---

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

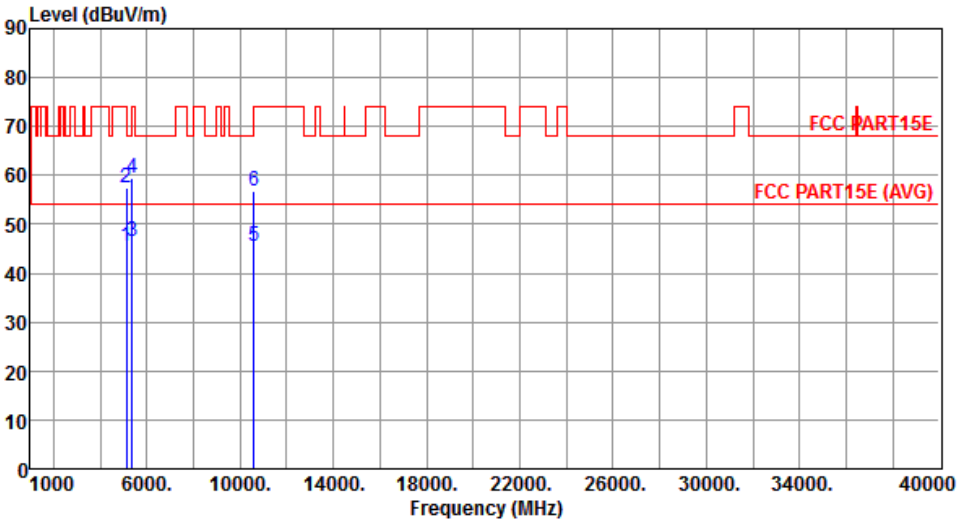
Modulation	11a	Test Freq. (MHz)	5260
Polarization	Vertical	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5106.00	48.39	54.00	-5.61	42.68	5.71	Average	---	---
2	5106.00	61.11	74.00	-12.89	55.40	5.71	Peak	---	---
3	5150.00	46.95	54.00	-7.05	41.18	5.77	Average	---	---
4	5150.00	60.56	74.00	-13.44	54.79	5.77	Peak	---	---
5	5350.00	47.37	54.00	-6.63	41.43	5.94	Average	---	---
6	5350.00	60.66	74.00	-13.34	54.72	5.94	Peak	---	---
7	10520.00	57.42	68.20	-10.78	42.02	15.40	Peak	---	---

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

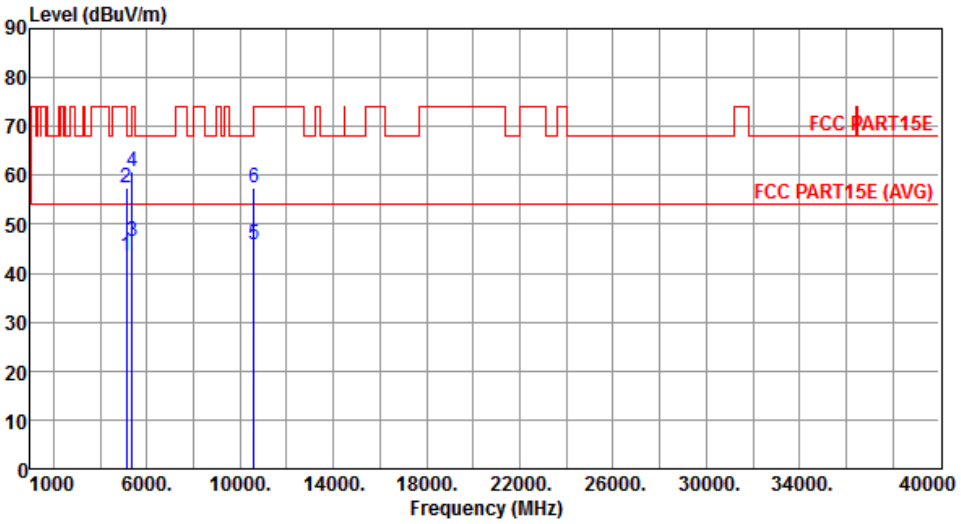
Modulation	11a	Test Freq. (MHz)	5300
Polarization	Horizontal	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5120.00	45.46	54.00	-8.54	39.73	5.73	Average	---	---
2	5120.00	57.35	74.00	-16.65	51.62	5.73	Peak	---	---
3	5350.00	46.36	54.00	-7.64	40.42	5.94	Average	---	---
4	5350.00	59.38	74.00	-14.62	53.44	5.94	Peak	---	---
5	10600.00	45.51	54.00	-8.49	30.07	15.44	Average	---	---
6	10600.00	56.85	74.00	-17.15	41.41	15.44	Peak	---	---

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

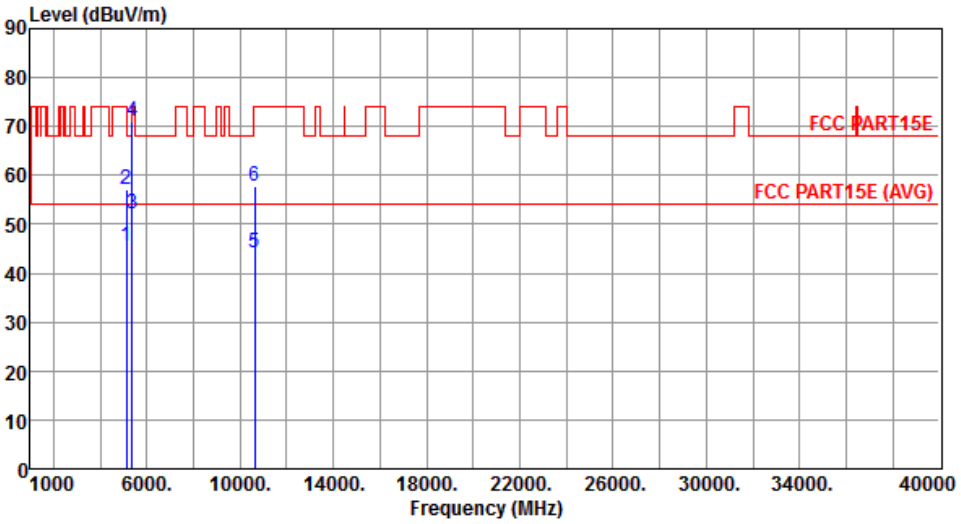
Modulation	11a	Test Freq. (MHz)	5300
Polarization	Vertical	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5120.00	43.67	54.00	-10.33	37.94	5.73	Average	---	---
2	5120.00	57.54	74.00	-16.46	51.81	5.73	Peak	---	---
3	5350.00	46.38	54.00	-7.62	40.44	5.94	Average	---	---
4	5350.00	60.66	74.00	-13.34	54.72	5.94	Peak	---	---
5	10600.00	45.98	54.00	-8.02	30.54	15.44	Average	---	---
6	10600.00	57.59	74.00	-16.41	42.15	15.44	Peak	---	---

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

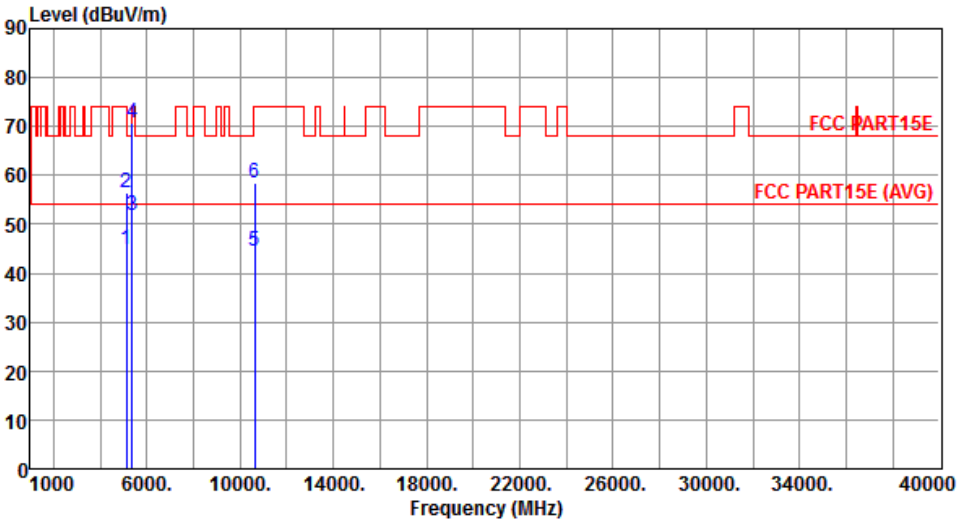
Modulation	11a	Test Freq. (MHz)	5320
Polarization	Horizontal	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5130.00	45.39	54.00	-8.61	39.64	5.75	Average	---	---
2	5130.00	56.98	74.00	-17.02	51.23	5.75	Peak	---	---
3	5350.00	52.15	54.00	-1.85	46.21	5.94	Average	---	---
4	5350.00	71.23	74.00	-2.77	65.29	5.94	Peak	---	---
5	10640.00	44.19	54.00	-9.81	28.72	15.47	Average	---	---
6	10640.00	57.92	74.00	-16.08	42.45	15.47	Peak	---	---

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

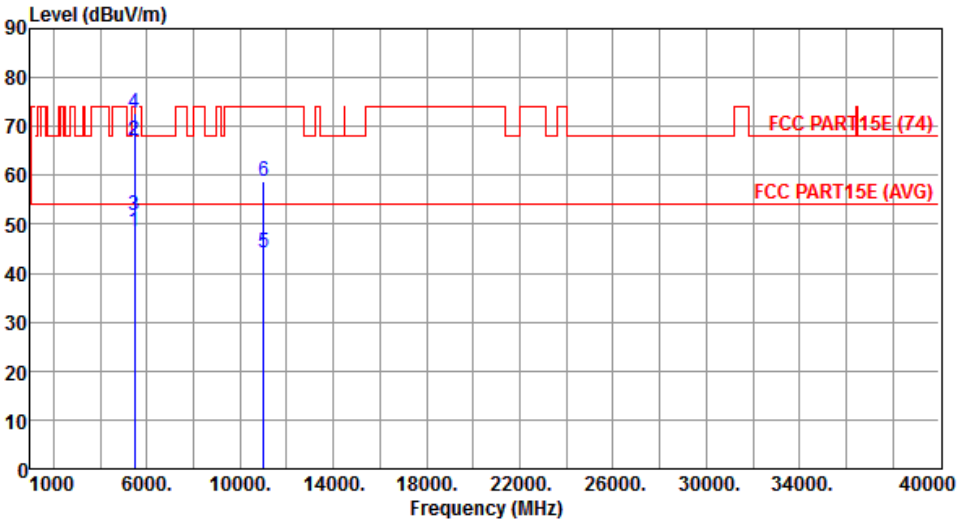
Modulation	11a	Test Freq. (MHz)	5320
Polarization	Vertical	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5130.00	44.79	54.00	-9.21	39.04	5.75	Average	---	---
2	5130.00	56.51	74.00	-17.49	50.76	5.75	Peak	---	---
3	5350.00	51.79	54.00	-2.21	45.85	5.94	Average	---	---
4	5350.00	70.64	74.00	-3.36	64.70	5.94	Peak	---	---
5	10640.00	44.58	54.00	-9.42	29.11	15.47	Average	---	---
6	10640.00	58.43	74.00	-15.57	42.96	15.47	Peak	---	---

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

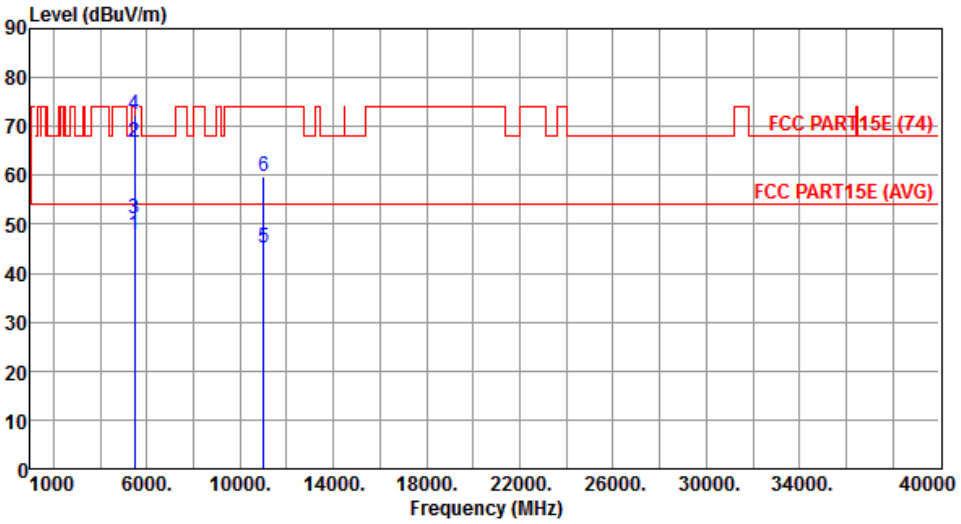
Modulation	11a	**Test Freq. (MHz)**	5500
Polarization	Horizontal	**Test Configuration**	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	48.32	54.00	-5.68	42.40	5.92	Average	---	---
2	5460.00	67.08	74.00	-6.92	61.16	5.92	Peak	---	---
3	5470.00	51.76	54.00	-2.24	45.86	5.90	Average	---	---
4	5470.00	72.73	74.00	-1.27	66.83	5.90	Peak	---	---
5	11000.00	44.30	54.00	-9.70	28.67	15.63	Average	---	---
6	11000.00	58.78	74.00	-15.22	43.15	15.63	Peak	---	---

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

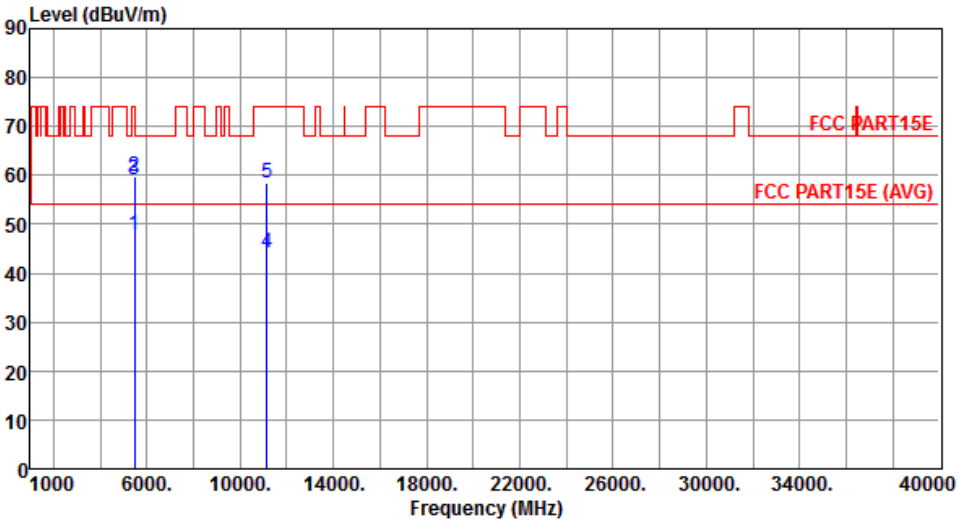
Modulation	11a	Test Freq. (MHz)	5500
Polarization	Vertical	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	47.95	54.00	-6.05	42.03	5.92	Average	---	---
2	5460.00	66.72	74.00	-7.28	60.80	5.92	Peak	---	---
3	5470.00	51.21	54.00	-2.79	45.31	5.90	Average	---	---
4	5470.00	72.43	74.00	-1.57	66.53	5.90	Peak	---	---
5	11000.00	45.11	54.00	-8.89	29.48	15.63	Average	---	---
6	11000.00	59.69	74.00	-14.31	44.06	15.63	Peak	---	---

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

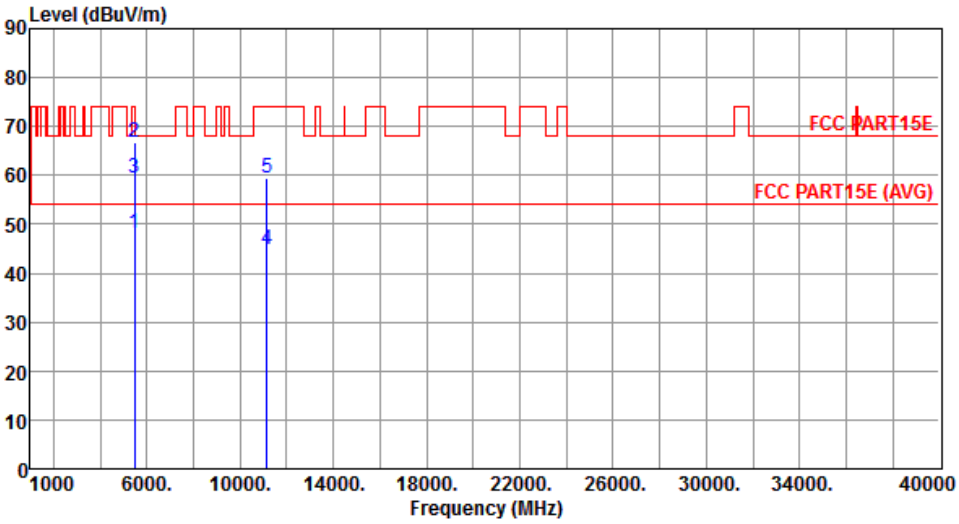
Modulation	11a	Test Freq. (MHz)	5580
Polarization	Horizontal	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	47.95	54.00	-6.05	42.03	5.92	Average	---	---
2	5460.00	59.92	74.00	-14.08	54.00	5.92	Peak	---	---
3	5470.00	59.11	68.20	-9.09	53.21	5.90	Peak	---	---
4	11160.00	44.02	54.00	-9.98	28.67	15.35	Average	---	---
5	11160.00	58.38	74.00	-15.62	43.03	15.35	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).

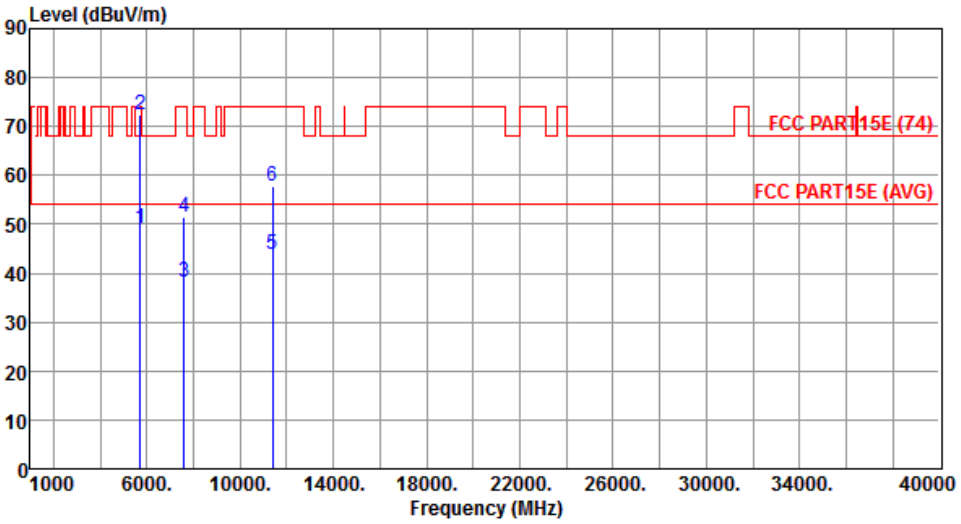
Modulation	11a	Test Freq. (MHz)	5580
Polarization	Vertical	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	48.11	54.00	-5.89	42.19	5.92	Average	---	---
2	5460.00	66.77	74.00	-7.23	60.85	5.92	Peak	---	---
3	5470.00	59.28	68.20	-8.92	53.38	5.90	Peak	---	---
4	11160.00	44.85	54.00	-9.15	29.50	15.35	Average	---	---
5	11160.00	59.55	74.00	-14.45	44.20	15.35	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).

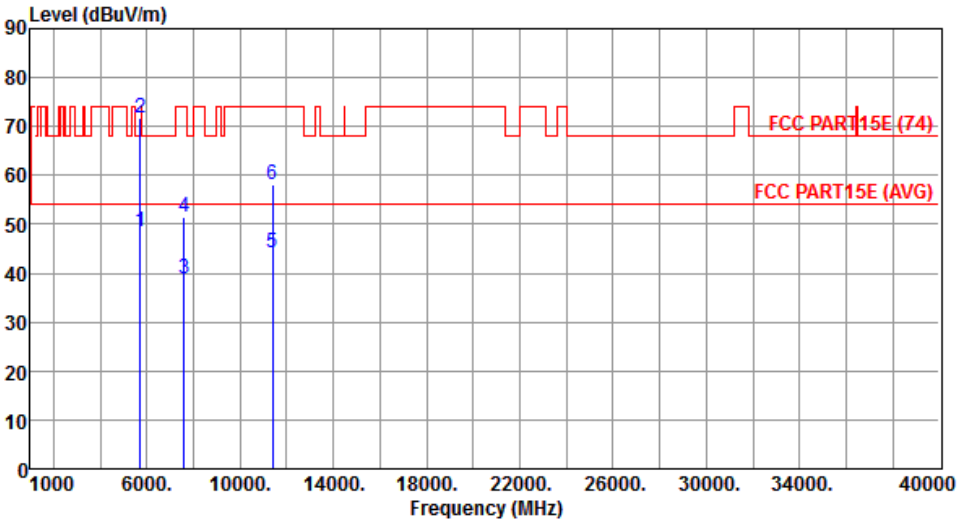
Modulation	11a	**Test Freq. (MHz)**	5700
Polarization	Horizontal	**Test Configuration**	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5725.00	49.07	54.00	-4.93	43.22	5.85	Average	---	---
2	5725.00	72.39	74.00	-1.61	66.54	5.85	Peak	---	---
3	7600.00	38.06	54.00	-15.94	27.46	10.60	Average	---	---
4	7600.00	51.37	74.00	-22.63	40.77	10.60	Peak	---	---
5	11400.00	43.72	54.00	-10.28	28.78	14.94	Average	---	---
6	11400.00	57.66	74.00	-16.34	42.72	14.94	Peak	---	---

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

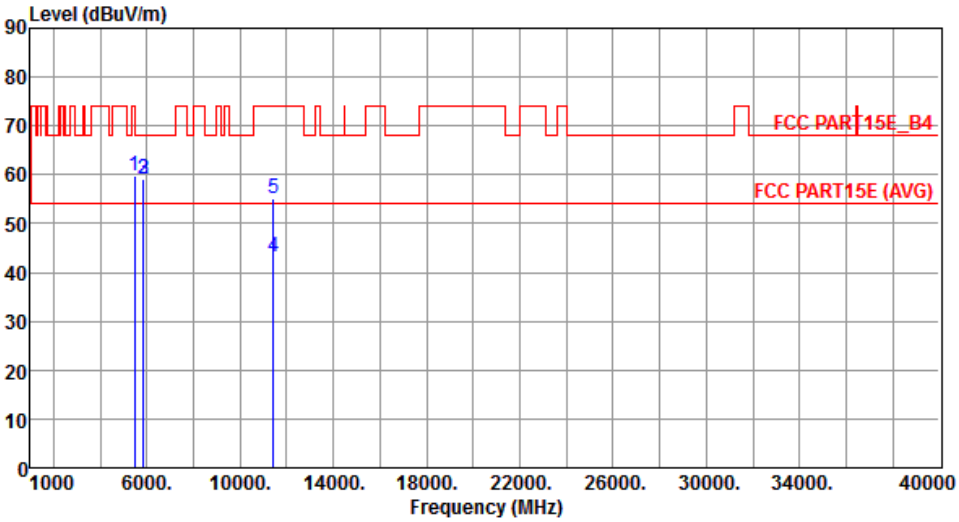
Modulation	11a	Test Freq. (MHz)	5700
Polarization	Vertical	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5725.00	48.52	54.00	-5.48	42.67	5.85	Average	---	---
2	5725.00	71.70	74.00	-2.30	65.85	5.85	Peak	---	---
3	7600.00	38.71	54.00	-15.29	28.11	10.60	Average	---	---
4	7600.00	51.58	74.00	-22.42	40.98	10.60	Peak	---	---
5	11400.00	44.20	54.00	-9.80	29.26	14.94	Average	---	---
6	11400.00	58.09	74.00	-15.91	43.15	14.94	Peak	---	---

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

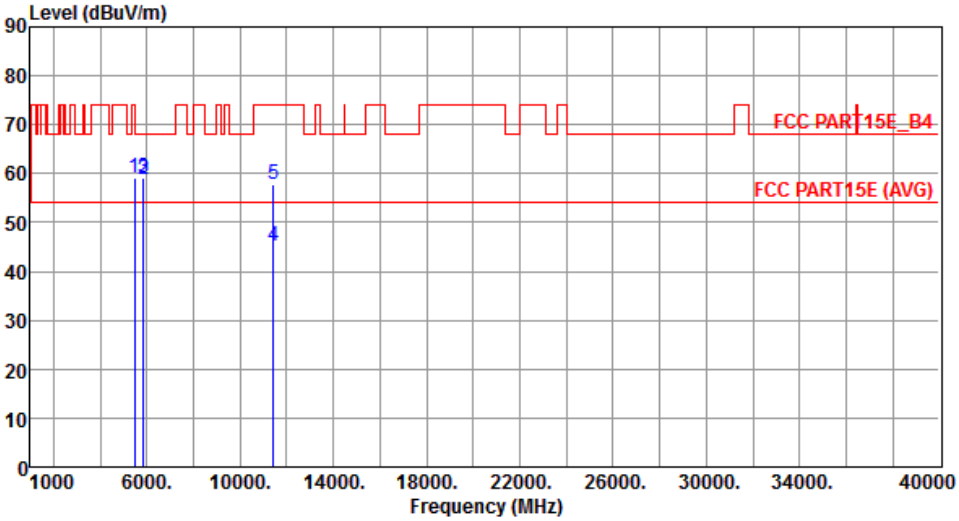
Modulation	11a	Test Freq. (MHz)	5720
Polarization	Horizontal	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5470.00	59.92	68.20	-8.28	54.02	5.90	Peak	---	---
2	5850.00	59.06	78.20	-19.14	53.16	5.90	Peak	---	---
3	5860.00	59.24	68.20	-8.96	53.33	5.91	Peak	---	---
4	11440.00	43.28	54.00	-10.72	28.42	14.86	Average	---	---
5	11440.00	55.23	74.00	-18.77	40.37	14.86	Peak	---	---

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

Modulation	11a	Test Freq. (MHz)	5720
Polarization	Vertical	Test Configuration	4

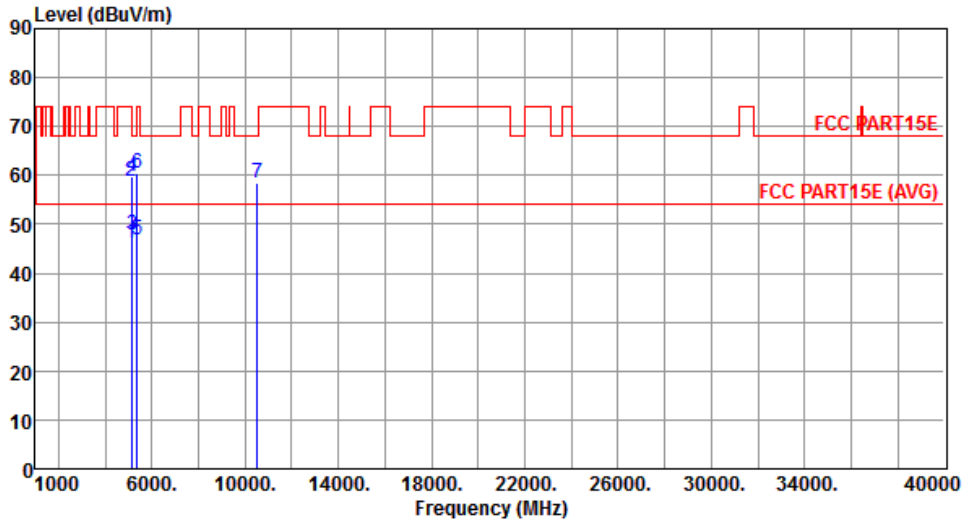


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5470.00	59.21	68.20	-8.99	53.31	5.90	Peak	---	---
2	5850.00	58.77	78.20	-19.43	52.87	5.90	Peak	---	---
3	5860.00	59.24	68.20	-8.96	53.33	5.91	Peak	---	---
4	11440.00	45.17	54.00	-8.83	30.31	14.86	Average	---	---
5	11440.00	57.84	74.00	-16.16	42.98	14.86	Peak	---	---

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

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

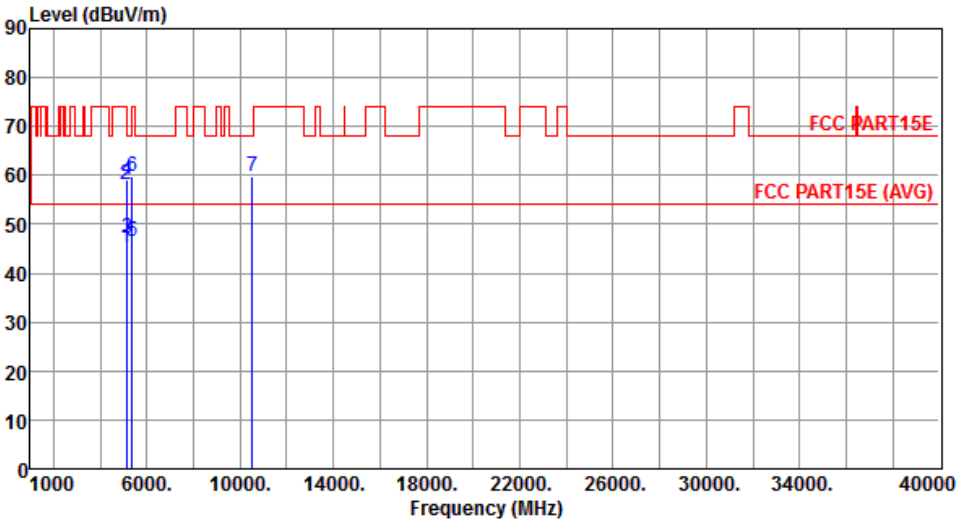
Modulation	VHT20	Test Freq. (MHz)	5260
Polarization	Horizontal	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5106.00	46.00	54.00	-8.00	40.29	5.71	Average	---	---
2	5106.00	58.75	74.00	-15.25	53.04	5.71	Peak	---	---
3	5150.00	47.76	54.00	-6.24	41.99	5.77	Average	---	---
4	5150.00	59.86	74.00	-14.14	54.09	5.77	Peak	---	---
5	5350.00	46.87	54.00	-7.13	40.93	5.94	Average	---	---
6	5350.00	60.28	74.00	-13.72	54.34	5.94	Peak	---	---
7	10520.00	58.58	68.20	-9.62	43.18	15.40	Peak	---	---

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

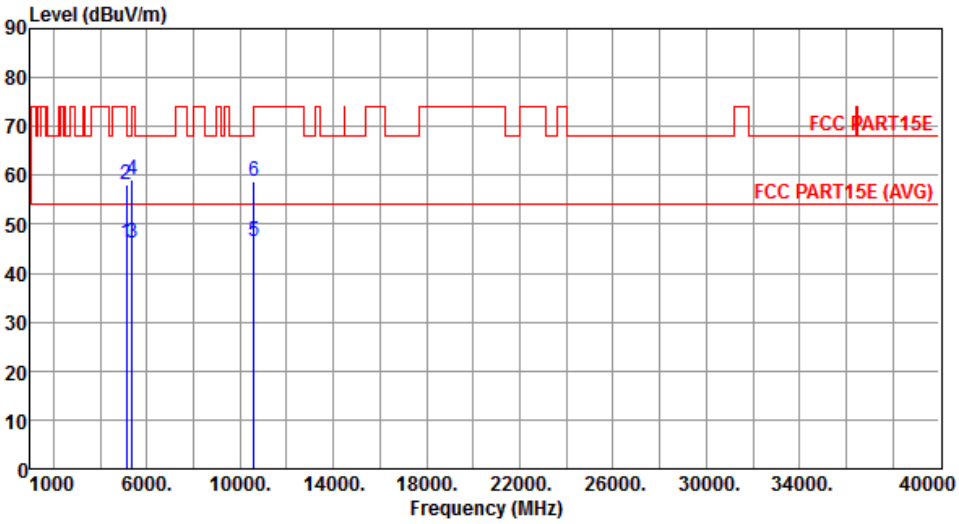
Modulation	VHT20	Test Freq. (MHz)	5260
Polarization	Vertical	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5106.00	45.05	54.00	-8.95	39.34	5.71	Average	---	---
2	5106.00	58.19	74.00	-15.81	52.48	5.71	Peak	---	---
3	5150.00	47.25	54.00	-6.75	41.48	5.77	Average	---	---
4	5150.00	59.11	74.00	-14.89	53.34	5.77	Peak	---	---
5	5350.00	46.36	54.00	-7.64	40.42	5.94	Average	---	---
6	5350.00	59.83	74.00	-14.17	53.89	5.94	Peak	---	---
7	10520.00	59.77	68.20	-8.43	44.37	15.40	Peak	---	---

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

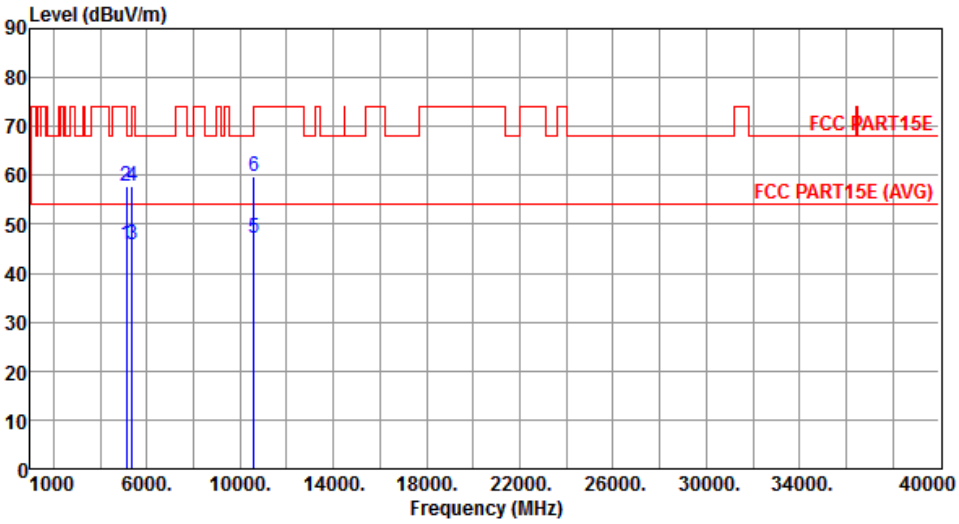
Modulation	VHT20	Test Freq. (MHz)	5300
Polarization	Horizontal	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5120.00	46.15	54.00	-7.85	40.42	5.73	Average	---	---
2	5120.00	58.15	74.00	-15.85	52.42	5.73	Peak	---	---
3	5350.00	46.25	54.00	-7.75	40.31	5.94	Average	---	---
4	5350.00	59.05	74.00	-14.95	53.11	5.94	Peak	---	---
5	10600.00	46.57	54.00	-7.43	31.13	15.44	Average	---	---
6	10600.00	58.81	74.00	-15.19	43.37	15.44	Peak	---	---

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

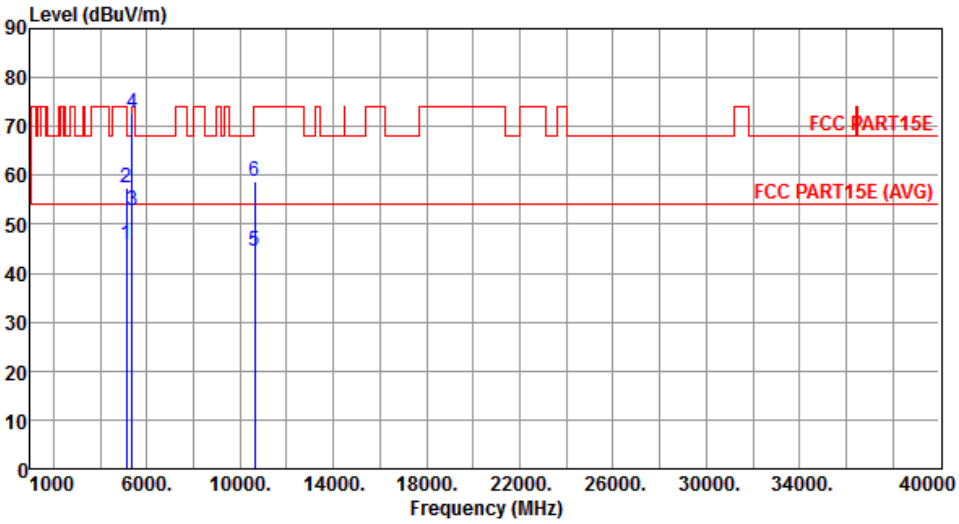
Modulation	VHT20	Test Freq. (MHz)	5300
Polarization	Vertical	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5120.00	45.88	54.00	-8.12	40.15	5.73	Average	---	---
2	5120.00	57.69	74.00	-16.31	51.96	5.73	Peak	---	---
3	5350.00	45.87	54.00	-8.13	39.93	5.94	Average	---	---
4	5350.00	57.88	74.00	-16.12	51.94	5.94	Peak	---	---
5	10600.00	47.11	54.00	-6.89	31.67	15.44	Average	---	---
6	10600.00	59.93	74.00	-14.07	44.49	15.44	Peak	---	---

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

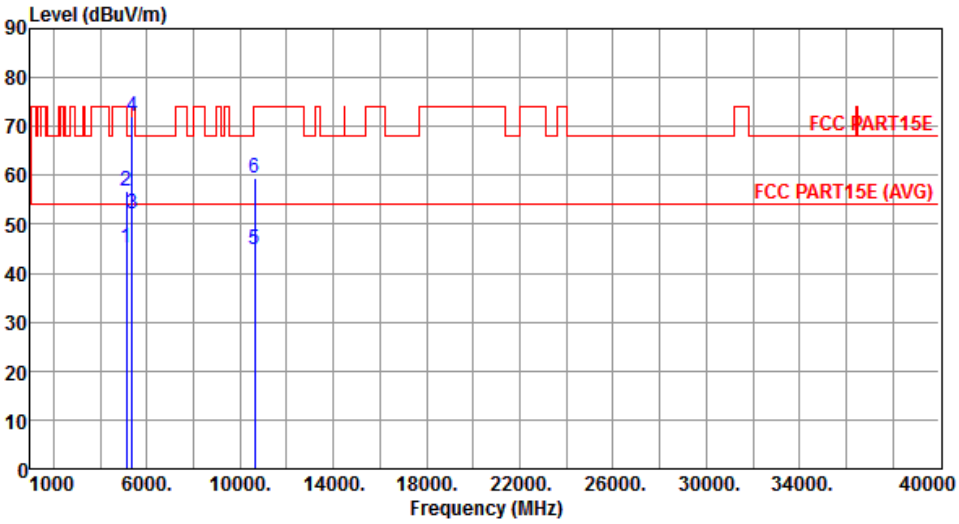
Modulation	VHT20	Test Freq. (MHz)	5320
Polarization	Horizontal	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5130.00	45.77	54.00	-8.23	40.02	5.75	Average	---	---
2	5130.00	57.35	74.00	-16.65	51.60	5.75	Peak	---	---
3	5350.00	52.77	54.00	-1.23	46.83	5.94	Average	---	---
4	5350.00	72.69	74.00	-1.31	66.75	5.94	Peak	---	---
5	10640.00	44.52	54.00	-9.48	29.05	15.47	Average	---	---
6	10640.00	58.69	74.00	-15.31	43.22	15.47	Peak	---	---

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

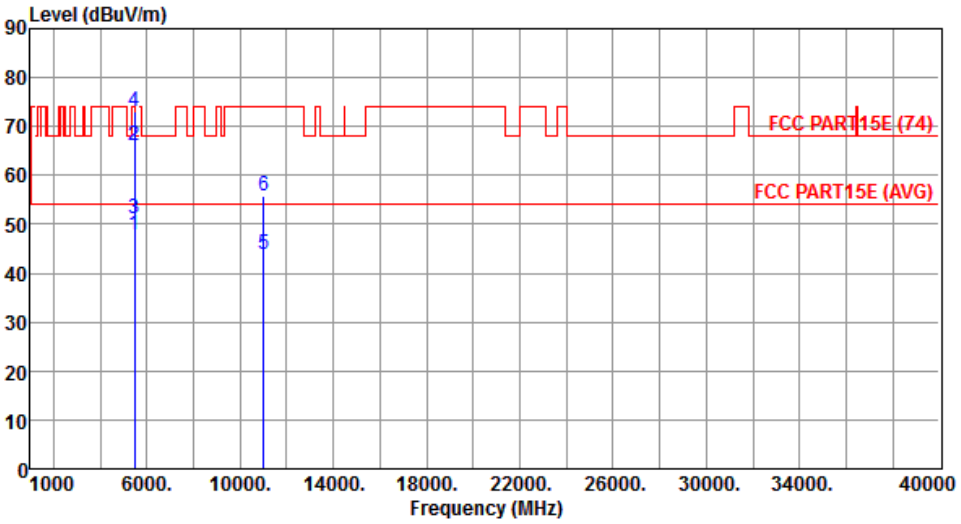
Modulation	VHT20	Test Freq. (MHz)	5320
Polarization	Vertical	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5130.00	45.11	54.00	-8.89	39.36	5.75	Average	---	---
2	5130.00	56.88	74.00	-17.12	51.13	5.75	Peak	---	---
3	5350.00	52.09	54.00	-1.91	46.15	5.94	Average	---	---
4	5350.00	72.11	74.00	-1.89	66.17	5.94	Peak	---	---
5	10640.00	44.98	54.00	-9.02	29.51	15.47	Average	---	---
6	10640.00	59.49	74.00	-14.51	44.02	15.47	Peak	---	---

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

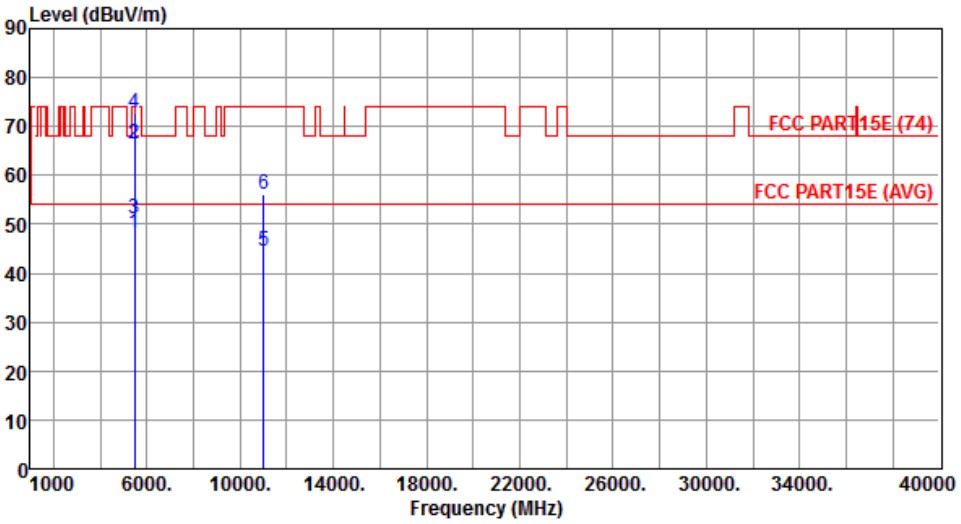
Modulation	VHT20	**Test Freq. (MHz)**	5500
Polarization	Horizontal	**Test Configuration**	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	47.84	54.00	-6.16	41.92	5.92	Average	---	---
2	5460.00	66.01	74.00	-7.99	60.09	5.92	Peak	---	---
3	5470.00	51.13	54.00	-2.87	45.23	5.90	Average	---	---
4	5470.00	72.96	74.00	-1.04	67.06	5.90	Peak	---	---
5	11000.00	43.89	54.00	-10.11	28.26	15.63	Average	---	---
6	11000.00	55.89	74.00	-18.11	40.26	15.63	Peak	---	---

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

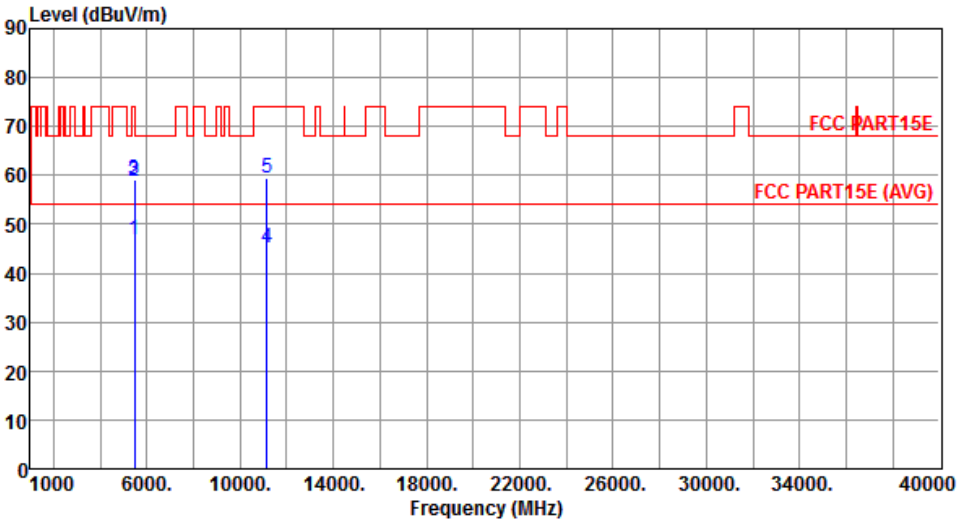
Modulation	VHT20	Test Freq. (MHz)	5500
Polarization	Vertical	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	48.12	54.00	-5.88	42.20	5.92	Average	---	---
2	5460.00	66.44	74.00	-7.56	60.52	5.92	Peak	---	---
3	5470.00	51.02	54.00	-2.98	45.12	5.90	Average	---	---
4	5470.00	72.70	74.00	-1.30	66.80	5.90	Peak	---	---
5	11000.00	44.59	54.00	-9.41	28.96	15.63	Average	---	---
6	11000.00	56.16	74.00	-17.84	40.53	15.63	Peak	---	---

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

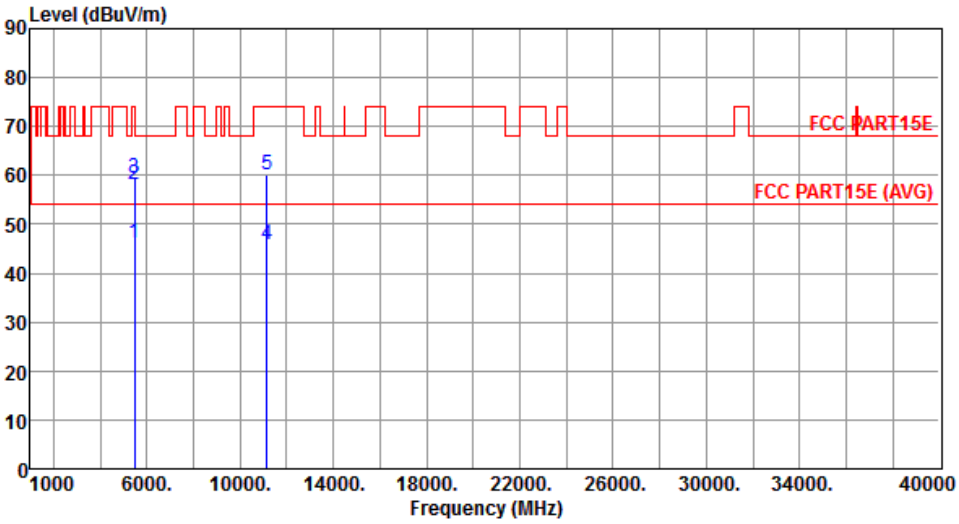
Modulation	VHT20	Test Freq. (MHz)	5580
Polarization	Horizontal	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	46.89	54.00	-7.11	40.97	5.92	Average	---	---
2	5460.00	58.79	74.00	-15.21	52.87	5.92	Peak	---	---
3	5470.00	59.21	68.20	-8.99	53.31	5.90	Peak	---	---
4	11160.00	45.11	54.00	-8.89	29.76	15.35	Average	---	---
5	11160.00	59.49	74.00	-14.51	44.14	15.35	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).

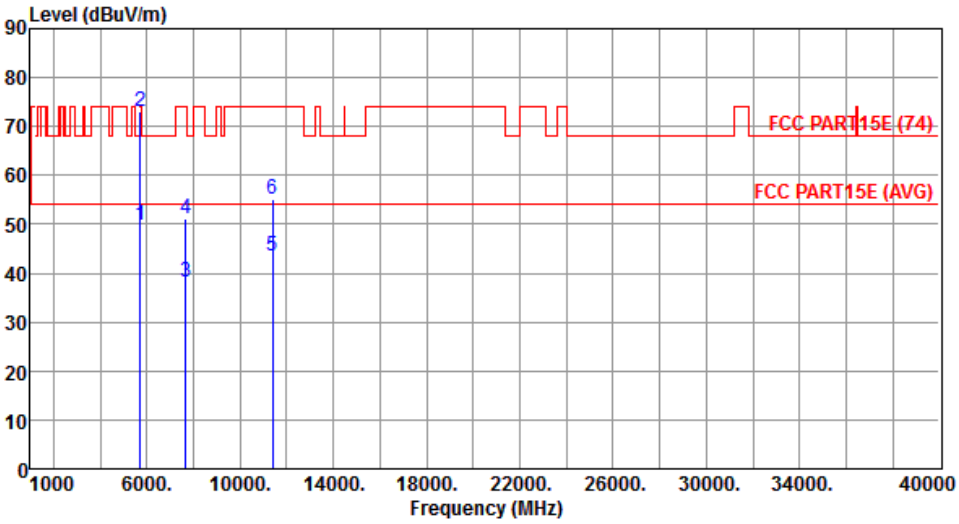
Modulation	VHT20	Test Freq. (MHz)	5580
Polarization	Vertical	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	46.25	54.00	-7.75	40.33	5.92	Average	---	---
2	5460.00	58.13	74.00	-15.87	52.21	5.92	Peak	---	---
3	5470.00	59.32	68.20	-8.88	53.42	5.90	Peak	---	---
4	11160.00	45.89	54.00	-8.11	30.54	15.35	Average	---	---
5	11160.00	60.11	74.00	-13.89	44.76	15.35	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).

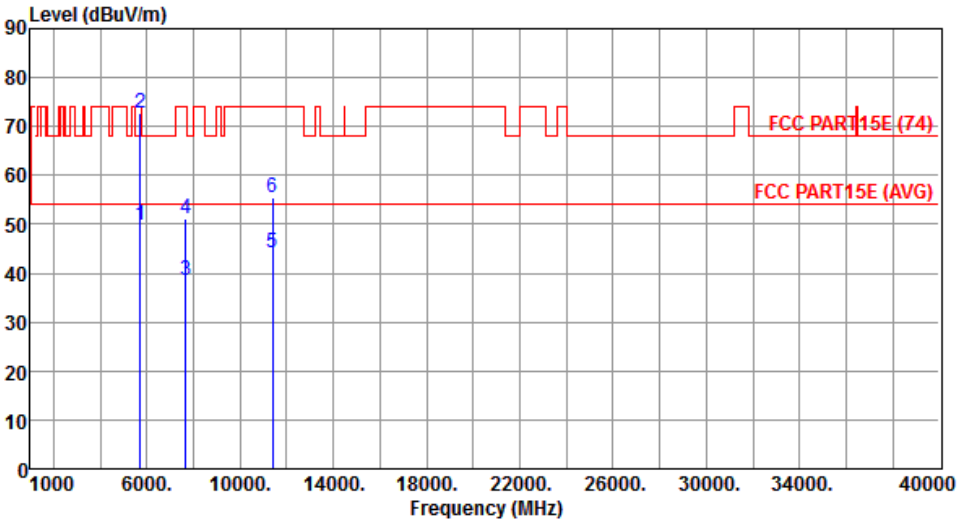
Modulation	VHT20	Test Freq. (MHz)	5700
Polarization	Horizontal	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5725.00	49.78	54.00	-4.22	43.93	5.85	Average	---	---
2	5725.00	72.99	74.00	-1.01	67.14	5.85	Peak	---	---
3	7660.00	38.31	54.00	-15.69	27.78	10.53	Average	---	---
4	7660.00	51.04	74.00	-22.96	40.51	10.53	Peak	---	---
5	11400.00	43.39	54.00	-10.61	28.45	14.94	Average	---	---
6	11400.00	55.09	74.00	-18.91	40.15	14.94	Peak	---	---

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

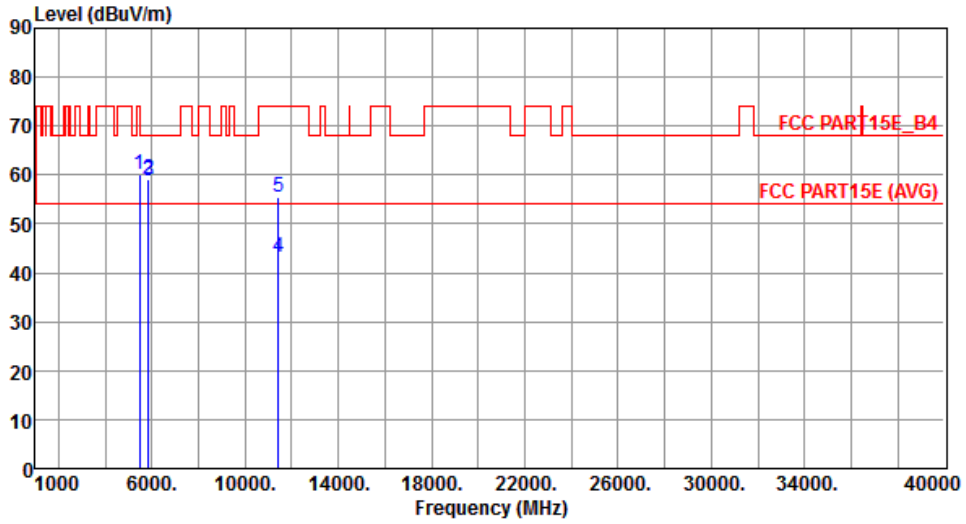
Modulation	VHT20	**Test Freq. (MHz)**	5700
Polarization	Vertical	**Test Configuration**	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5725.00	49.87	54.00	-4.13	44.02	5.85	Average	---	---
2	5725.00	72.88	74.00	-1.12	67.03	5.85	Peak	---	---
3	7660.00	38.55	54.00	-15.45	28.02	10.53	Average	---	---
4	7660.00	51.14	74.00	-22.86	40.61	10.53	Peak	---	---
5	11400.00	44.24	54.00	-9.76	29.30	14.94	Average	---	---
6	11400.00	55.51	74.00	-18.49	40.57	14.94	Peak	---	---

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

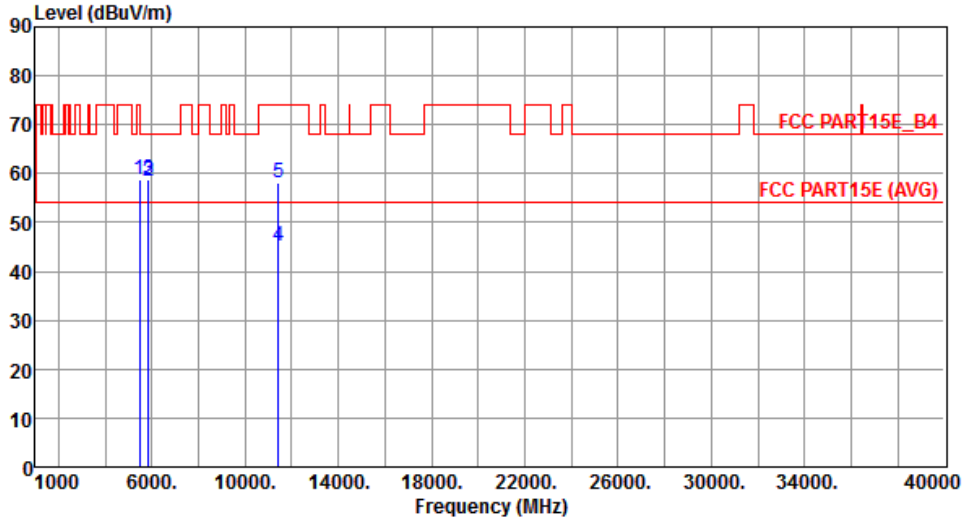
Modulation	VHT20	Test Freq. (MHz)	5720
Polarization	Horizontal	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5470.00	60.20	68.20	-8.00	54.30	5.90	Peak	---	---
2	5850.00	59.21	78.20	-18.99	53.31	5.90	Peak	---	---
3	5860.00	58.89	68.20	-9.31	52.98	5.91	Peak	---	---
4	11440.00	43.17	54.00	-10.83	28.31	14.86	Average	---	---
5	11440.00	55.44	74.00	-18.56	40.58	14.86	Peak	---	---

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

Modulation	VHT20	**Test Freq. (MHz)**	5720
Polarization	Vertical	**Test Configuration**	4

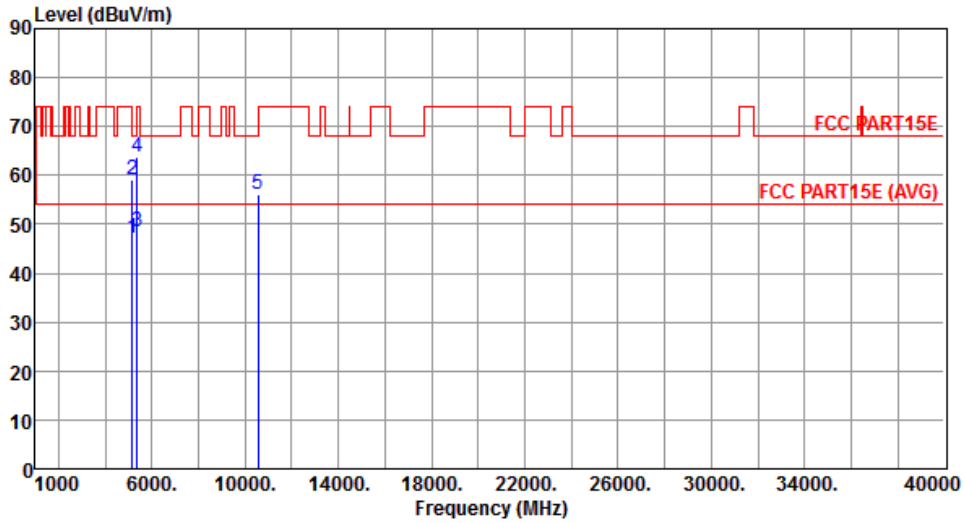


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5470.00	58.92	68.20	-9.28	53.02	5.90	Peak	---	---
2	5850.00	58.50	78.20	-19.70	52.60	5.90	Peak	---	---
3	5860.00	58.94	68.20	-9.26	53.03	5.91	Peak	---	---
4	11440.00	45.10	54.00	-8.90	30.24	14.86	Average	---	---
5	11440.00	58.17	74.00	-15.83	43.31	14.86	Peak	---	---

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

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

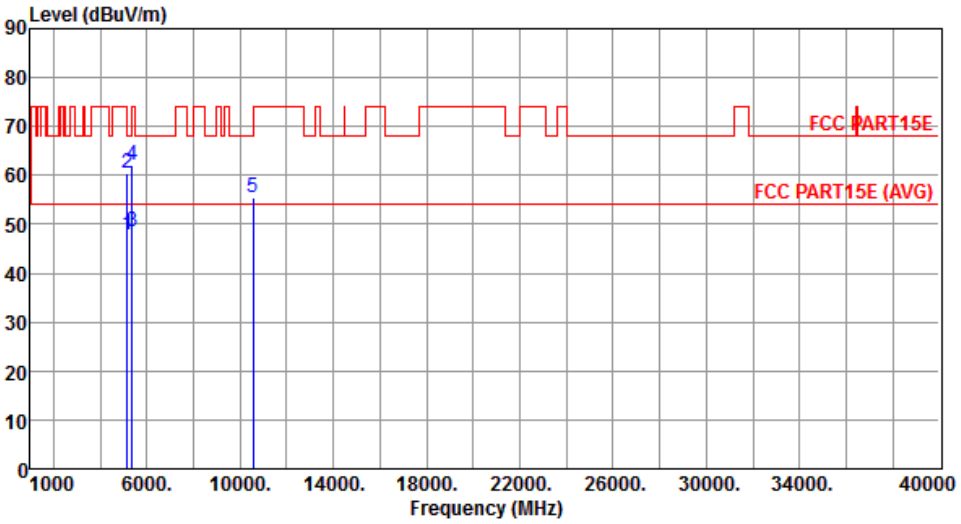
Modulation	VHT40	Test Freq. (MHz)	5270
Polarization	Horizontal	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	47.14	54.00	-6.86	41.37	5.77	Average	---	---
2	5150.00	59.01	74.00	-14.99	53.24	5.77	Peak	---	---
3	5350.00	48.47	54.00	-5.53	42.53	5.94	Average	---	---
4	5350.00	63.72	74.00	-10.28	57.78	5.94	Peak	---	---
5	10540.00	56.02	68.20	-12.18	40.60	15.42	Peak	---	---

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

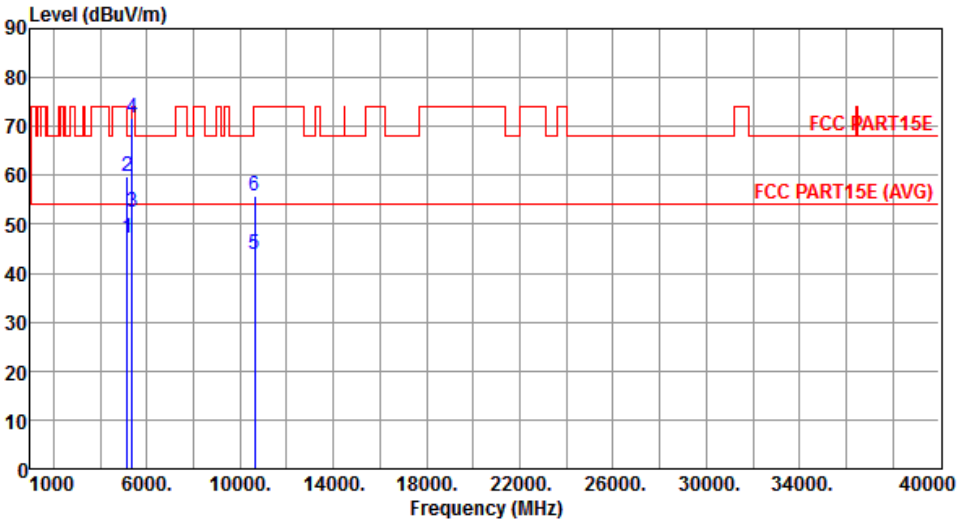
Modulation	VHT40	**Test Freq. (MHz)**	5270
Polarization	Vertical	**Test Configuration**	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	47.97	54.00	-6.03	42.20	5.77	Average	---	---
2	5150.00	60.28	74.00	-13.72	54.51	5.77	Peak	---	---
3	5350.00	48.56	54.00	-5.44	42.62	5.94	Average	---	---
4	5350.00	62.07	74.00	-11.93	56.13	5.94	Peak	---	---
5	10540.00	55.59	68.20	-12.61	40.17	15.42	Peak	---	---

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

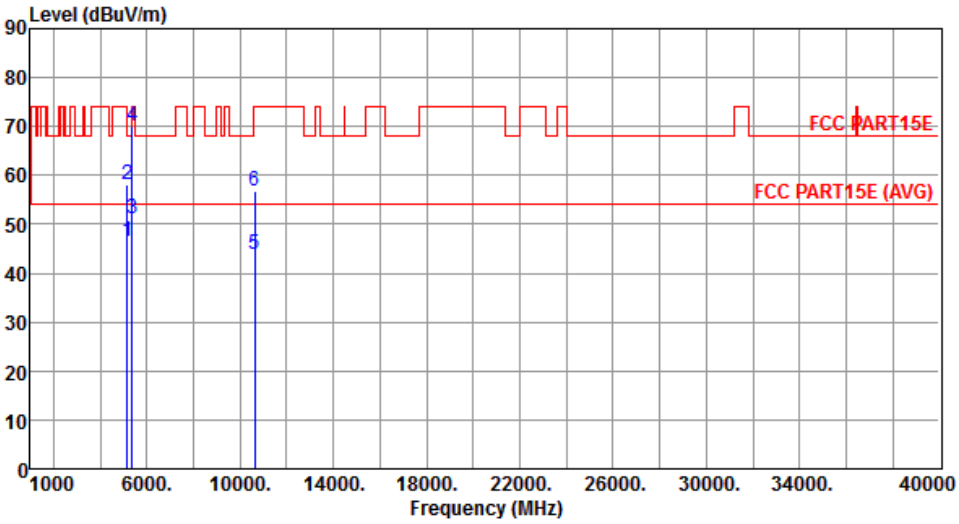
Modulation	VHT40	Test Freq. (MHz)	5310
Polarization	Horizontal	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	47.08	54.00	-6.92	41.31	5.77	Average	---	---
2	5150.00	59.89	74.00	-14.11	54.12	5.77	Peak	---	---
3	5350.00	52.52	54.00	-1.48	46.58	5.94	Average	---	---
4	5350.00	71.80	74.00	-2.20	65.86	5.94	Peak	---	---
5	10620.00	43.91	54.00	-10.09	28.46	15.45	Average	---	---
6	10620.00	55.83	74.00	-18.17	40.38	15.45	Peak	---	---

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

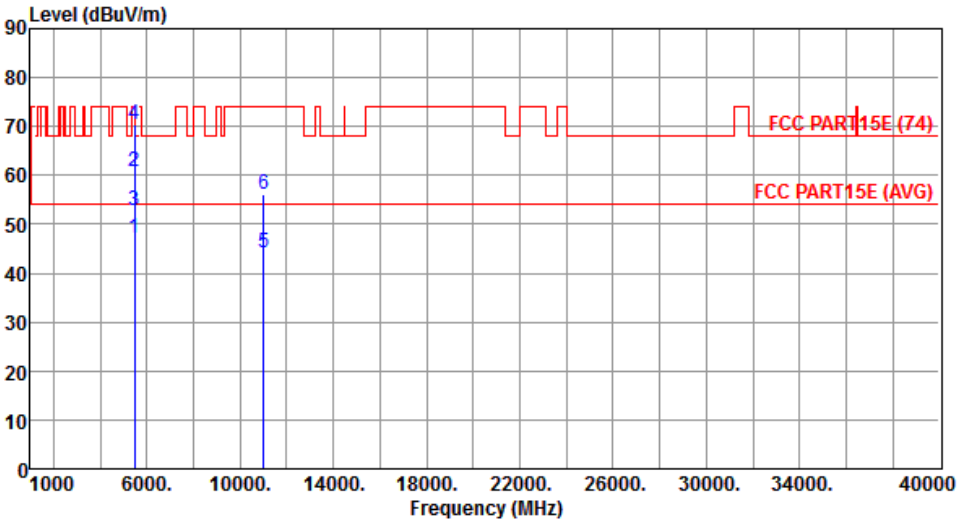
Modulation	VHT40	Test Freq. (MHz)	5310
Polarization	Vertical	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	46.36	54.00	-7.64	40.59	5.77	Average	---	---
2	5150.00	58.28	74.00	-15.72	52.51	5.77	Peak	---	---
3	5350.00	51.13	54.00	-2.87	45.19	5.94	Average	---	---
4	5350.00	70.15	74.00	-3.85	64.21	5.94	Peak	---	---
5	10620.00	43.98	54.00	-10.02	28.53	15.45	Average	---	---
6	10620.00	56.73	74.00	-17.27	41.28	15.45	Peak	---	---

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

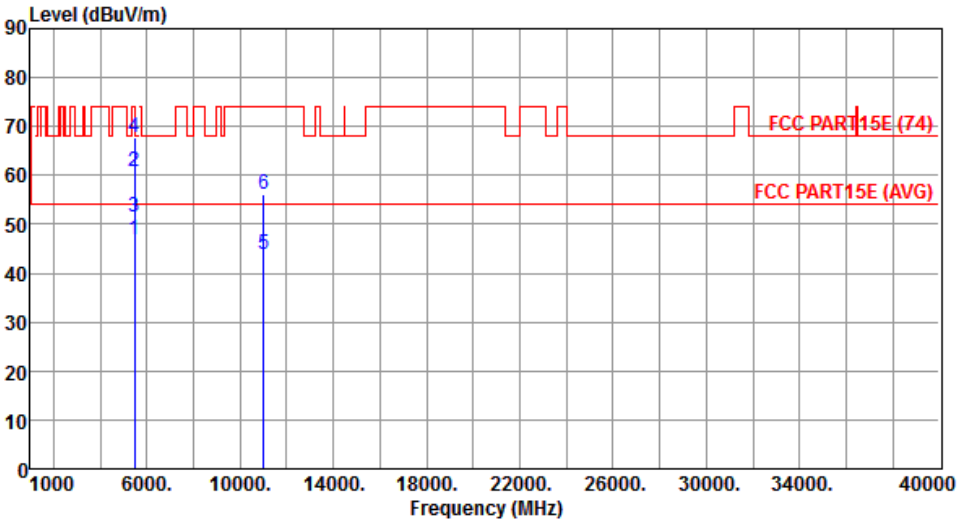
Modulation	VHT40	Test Freq. (MHz)	5510
Polarization	Horizontal	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	47.24	54.00	-6.76	41.32	5.92	Average	---	---
2	5460.00	60.65	74.00	-13.35	54.73	5.92	Peak	---	---
3	5470.00	52.90	54.00	-1.10	47.00	5.90	Average	---	---
4	5470.00	70.27	74.00	-3.73	64.37	5.90	Peak	---	---
5	11020.00	44.23	54.00	-9.77	28.63	15.60	Average	---	---
6	11020.00	56.19	74.00	-17.81	40.59	15.60	Peak	---	---

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

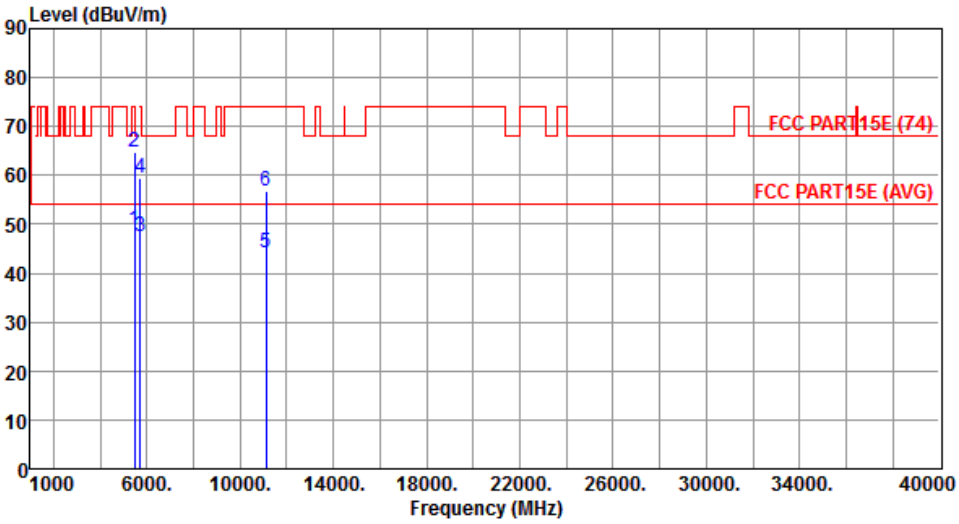
Modulation	VHT40	Test Freq. (MHz)	5510
Polarization	Vertical	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	46.96	54.00	-7.04	41.04	5.92	Average	---	---
2	5460.00	60.86	74.00	-13.14	54.94	5.92	Peak	---	---
3	5470.00	51.56	54.00	-2.44	45.66	5.90	Average	---	---
4	5470.00	67.68	74.00	-6.32	61.78	5.90	Peak	---	---
5	11020.00	43.76	54.00	-10.24	28.16	15.60	Average	---	---
6	11020.00	55.98	74.00	-18.02	40.38	15.60	Peak	---	---

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

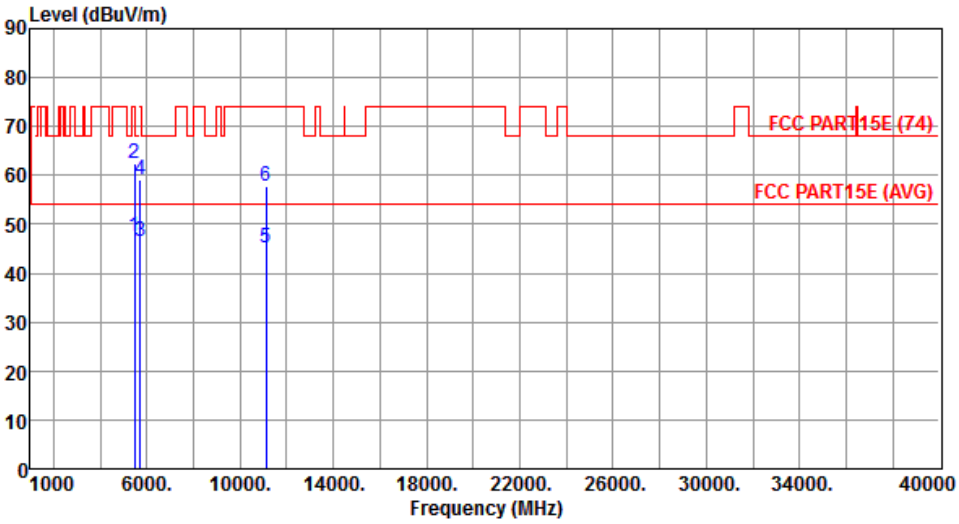
Modulation	VHT40	Test Freq. (MHz)	5550
Polarization	Horizontal	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5470.00	48.72	54.00	-5.28	42.82	5.90	Average	---	---
2	5470.00	64.89	74.00	-9.11	58.99	5.90	Peak	---	---
3	5725.00	47.65	54.00	-6.35	41.80	5.85	Average	---	---
4	5725.00	59.56	74.00	-14.44	53.71	5.85	Peak	---	---
5	11100.00	44.29	54.00	-9.71	28.84	15.45	Average	---	---
6	11100.00	56.72	74.00	-17.28	41.27	15.45	Peak	---	---

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

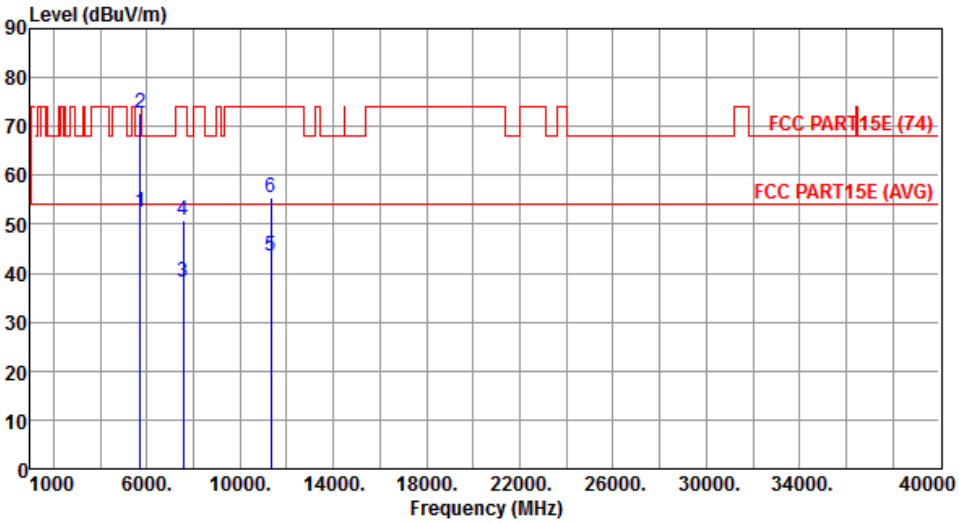
Modulation	VHT40	Test Freq. (MHz)	5550
Polarization	Vertical	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5470.00	47.38	54.00	-6.62	41.48	5.90	Average	---	---
2	5470.00	62.47	74.00	-11.53	56.57	5.90	Peak	---	---
3	5725.00	46.51	54.00	-7.49	40.66	5.85	Average	---	---
4	5725.00	59.20	74.00	-14.80	53.35	5.85	Peak	---	---
5	11100.00	45.13	54.00	-8.87	29.68	15.45	Average	---	---
6	11100.00	57.83	74.00	-16.17	42.38	15.45	Peak	---	---

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

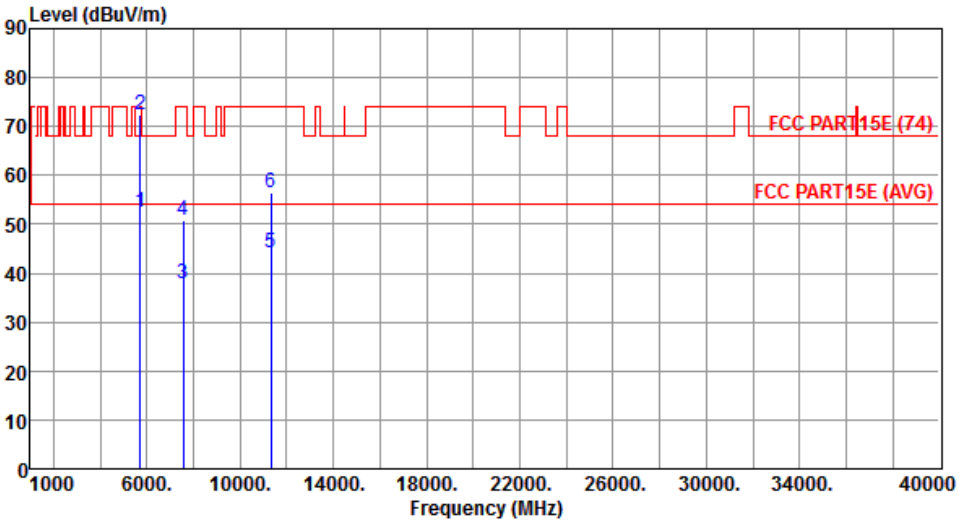
Modulation	VHT40	Test Freq. (MHz)	5670
Polarization	Horizontal	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5725.00	52.43	54.00	-1.57	46.58	5.85	Average	---	---
2	5725.00	72.67	74.00	-1.33	66.82	5.85	Peak	---	---
3	7560.00	38.04	54.00	-15.96	27.63	10.41	Average	---	---
4	7560.00	50.84	74.00	-23.16	40.43	10.41	Peak	---	---
5	11340.00	43.35	54.00	-10.65	28.31	15.04	Average	---	---
6	11340.00	55.61	74.00	-18.39	40.57	15.04	Peak	---	---

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

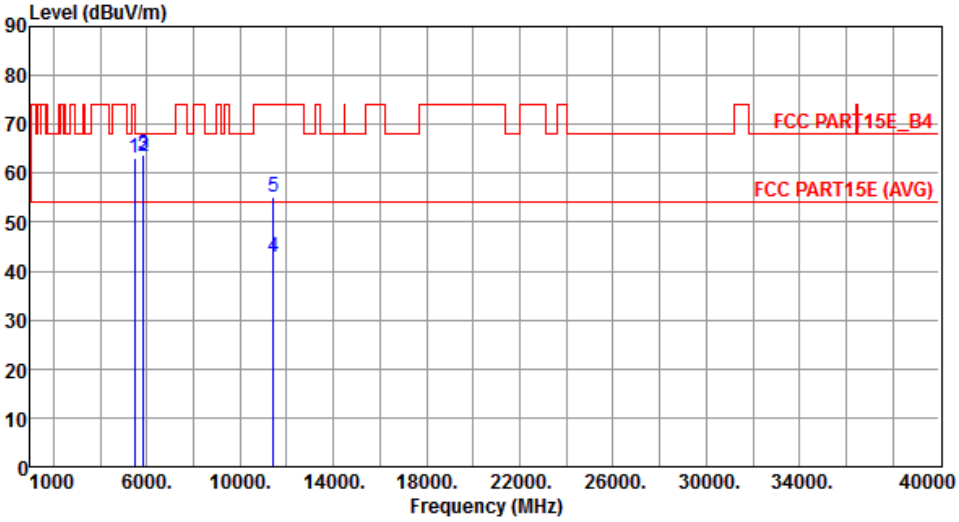
Modulation	VHT40	Test Freq. (MHz)	5670
Polarization	Vertical	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5725.00	52.32	54.00	-1.68	46.47	5.85	Average	---	---
2	5725.00	72.27	74.00	-1.73	66.42	5.85	Peak	---	---
3	7560.00	37.85	54.00	-16.15	27.44	10.41	Average	---	---
4	7560.00	50.80	74.00	-23.20	40.39	10.41	Peak	---	---
5	11340.00	44.17	54.00	-9.83	29.13	15.04	Average	---	---
6	11340.00	56.32	74.00	-17.68	41.28	15.04	Peak	---	---

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

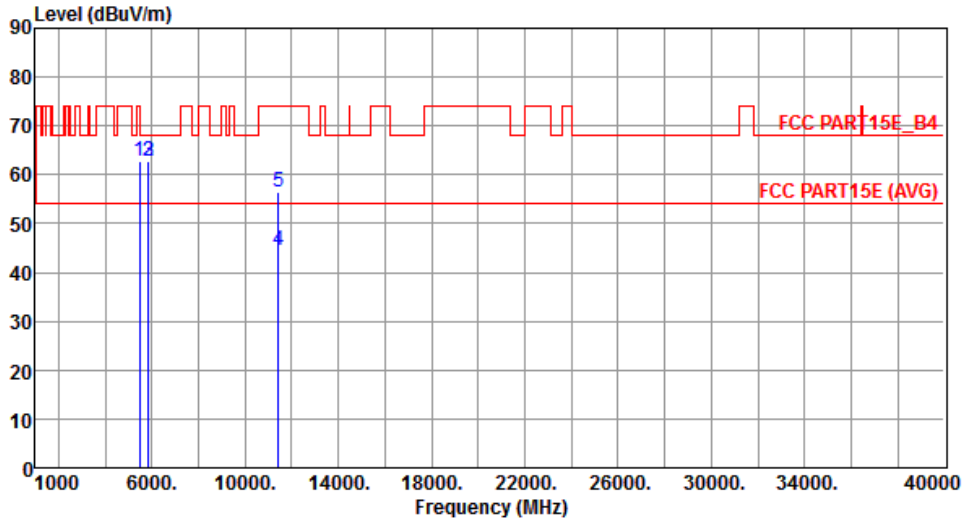
Modulation	VHT40	Test Freq. (MHz)	5710
Polarization	Horizontal	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5470.00	63.02	68.20	-5.18	57.12	5.90	Peak	---	---
2	5850.00	63.52	78.20	-14.68	57.62	5.90	Peak	---	---
3	5860.00	63.72	68.20	-4.48	57.81	5.91	Peak	---	---
4	11420.00	42.81	54.00	-11.19	27.91	14.90	Average	---	---
5	11420.00	55.28	74.00	-18.72	40.38	14.90	Peak	---	---

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

Modulation	VHT40	**Test Freq. (MHz)**	5710
Polarization	Vertical	**Test Configuration**	4

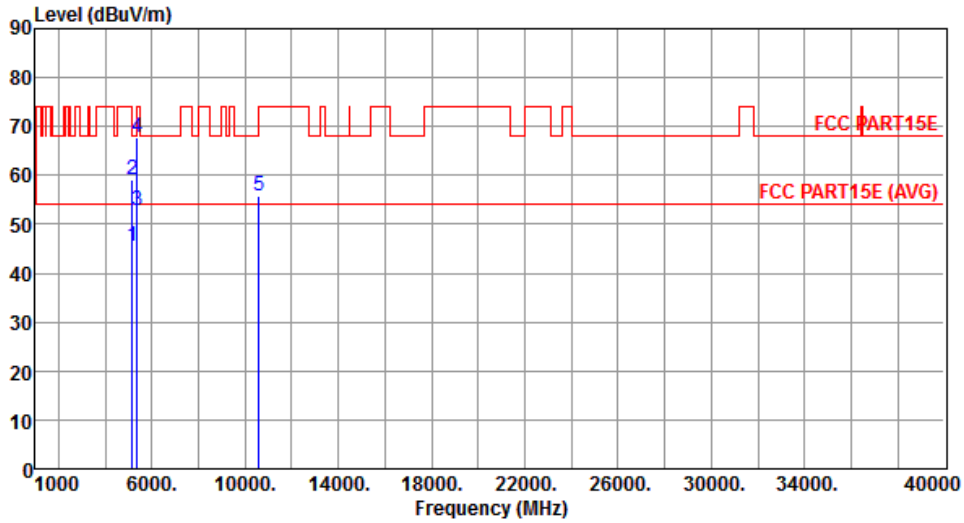


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5470.00	62.82	68.20	-5.38	56.92	5.90	Peak	---	---
2	5850.00	62.76	78.20	-15.44	56.86	5.90	Peak	---	---
3	5860.00	62.80	68.20	-5.40	56.89	5.91	Peak	---	---
4	11420.00	44.53	54.00	-9.47	29.63	14.90	Average	---	---
5	11420.00	56.57	74.00	-17.43	41.67	14.90	Peak	---	---

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

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

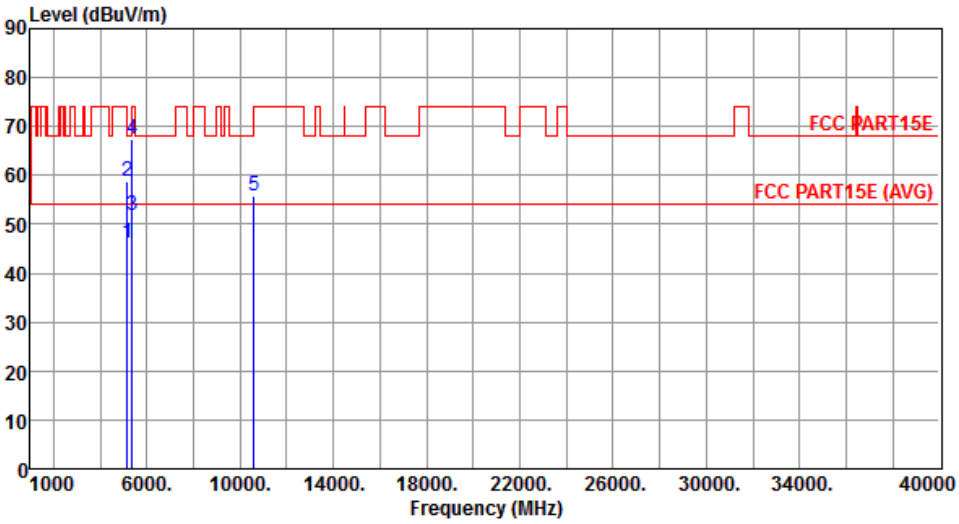
Modulation	VHT80	Test Freq. (MHz)	5290
Polarization	Horizontal	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	45.43	54.00	-8.57	39.66	5.77	Average	---	---
2	5150.00	59.10	74.00	-14.90	53.33	5.77	Peak	---	---
3	5350.00	52.68	54.00	-1.32	46.74	5.94	Average	---	---
4	5350.00	67.70	74.00	-6.30	61.76	5.94	Peak	---	---
5	10580.00	55.74	68.20	-12.46	40.32	15.42	Peak	---	---

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

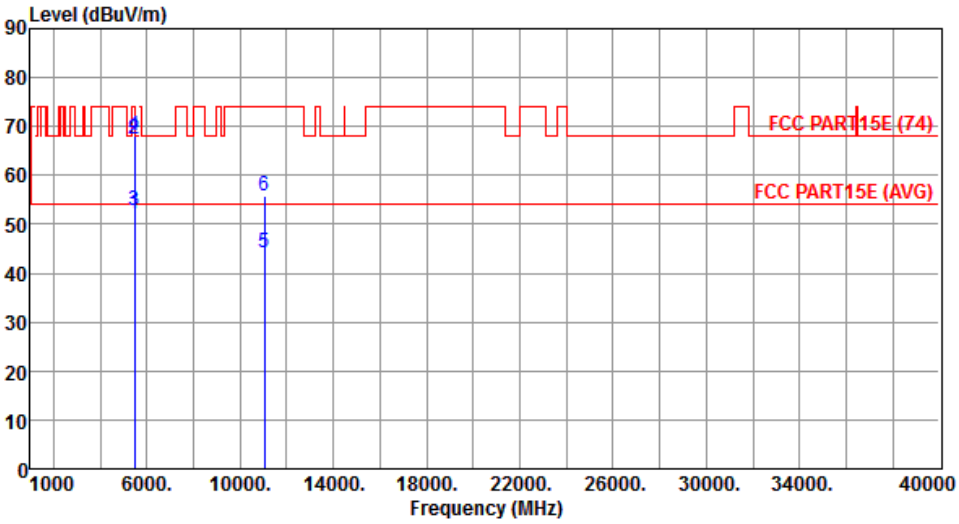
Modulation	VHT80	Test Freq. (MHz)	5290
Polarization	Vertical	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	46.14	54.00	-7.86	40.37	5.77	Average	---	---
2	5150.00	58.68	74.00	-15.32	52.91	5.77	Peak	---	---
3	5350.00	51.67	54.00	-2.33	45.73	5.94	Average	---	---
4	5350.00	67.46	74.00	-6.54	61.52	5.94	Peak	---	---
5	10580.00	55.86	68.20	-12.34	40.44	15.42	Peak	---	---

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

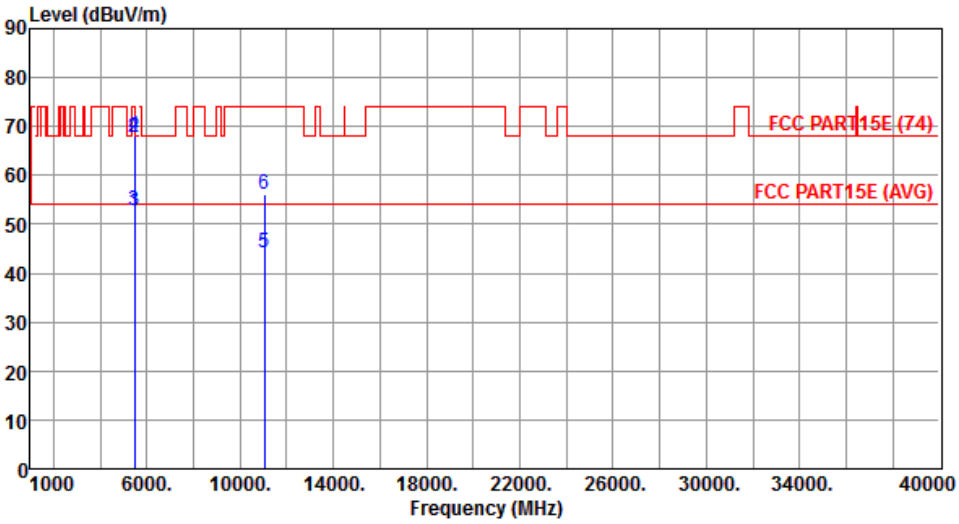
Modulation	VHT80	Test Freq. (MHz)	5530
Polarization	Horizontal	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	52.13	54.00	-1.87	46.21	5.92	Average	---	---
2	5460.00	67.40	74.00	-6.60	61.48	5.92	Peak	---	---
3	5470.00	52.75	54.00	-1.25	46.85	5.90	Average	---	---
4	5470.00	68.21	74.00	-5.79	62.31	5.90	Peak	---	---
5	11060.00	44.17	54.00	-9.83	28.64	15.53	Average	---	---
6	11060.00	55.80	74.00	-18.20	40.27	15.53	Peak	---	---

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

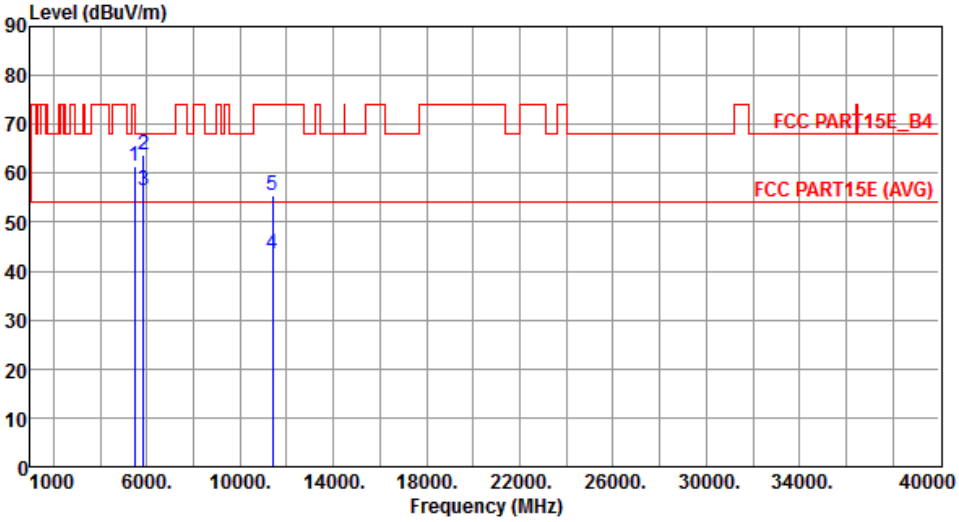
Modulation	VHT80	Test Freq. (MHz)	5530
Polarization	Vertical	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	52.51	54.00	-1.49	46.59	5.92	Average	---	---
2	5460.00	67.84	74.00	-6.16	61.92	5.92	Peak	---	---
3	5470.00	52.88	54.00	-1.12	46.98	5.90	Average	---	---
4	5470.00	68.06	74.00	-5.94	62.16	5.90	Peak	---	---
5	11060.00	44.06	54.00	-9.94	28.53	15.53	Average	---	---
6	11060.00	56.25	74.00	-17.75	40.72	15.53	Peak	---	---

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

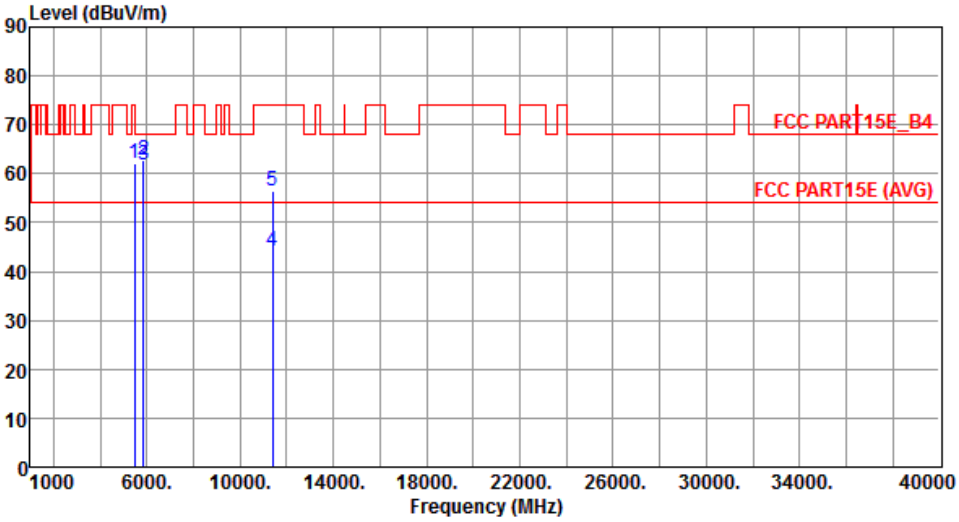
Modulation	VHT80	Test Freq. (MHz)	5690
Polarization	Horizontal	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5470.00	61.56	68.20	-6.64	55.66	5.90	Peak	---	---
2	5850.00	63.72	78.20	-14.48	57.82	5.90	Peak	---	---
3	5860.00	56.62	68.20	-11.58	50.71	5.91	Peak	---	---
4	11380.00	43.61	54.00	-10.39	28.65	14.96	Average	---	---
5	11380.00	55.56	74.00	-18.44	40.60	14.96	Peak	---	---

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

Modulation	VHT80	Test Freq. (MHz)	5690
Polarization	Vertical	Test Configuration	4



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5470.00	61.99	68.20	-6.21	56.09	5.90	Peak	---	---
2	5850.00	62.66	78.20	-15.54	56.76	5.90	Peak	---	---
3	5860.00	61.93	68.20	-6.27	56.02	5.91	Peak	---	---
4	11380.00	44.28	54.00	-9.72	29.32	14.96	Average	---	---
5	11380.00	56.50	74.00	-17.50	41.54	14.96	Peak	---	---

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

3.6 Frequency Stability

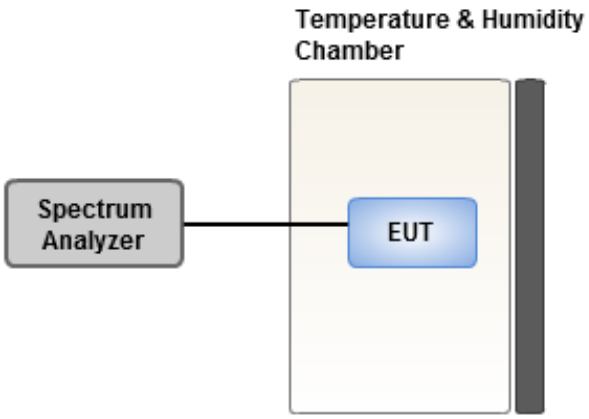
3.6.1 Limit of Frequency Stability

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 50 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 (Configuration 1: Internal PIFA antenna)

Frequency: 5320 MHz	Frequency Drift (ppm)			
Temperature (°C)	0 minute	2 minutes	5 minutes	10 minutes
T20°CVmax	0.48	0.69	0.75	0.21
T20°CVmin	3.74	3.11	4.37	4.00
T50°CVnom	5.53	5.29	4.97	4.57
T40°CVnom	4.45	5.01	4.27	4.58
T30°CVnom	4.15	3.80	4.65	3.96
T20°CVnom	3.58	3.28	3.64	3.94
T10°CVnom	3.31	3.68	2.99	2.68
T0°CVnom	2.91	3.23	2.87	3.05
T-10°CVnom	3.09	3.30	3.26	3.34
T-20°CVnom	2.73	2.85	2.29	2.00
T-30°CVnom	2.69	2.33	2.64	2.44
Vnom [Vac]: 120		Vmax [Vac]: 138		Vmin [Vac]: 102
Tnom [°C]: 20		Tmax [°C]: 50		Tmin [°C]: -30

3.6.5 Test Result of Frequency Stability (Configuration 2: External Dipole antenna)

Frequency: 5320 MHz	Frequency Drift (ppm)			
Temperature (°C)	0 minute	2 minutes	5 minutes	10 minutes
T20°CVmax	0.60	0.26	0.93	1.29
T20°CVmin	3.57	3.89	4.00	4.11
T50°CVnom	5.20	5.70	6.23	5.43
T40°CVnom	4.98	5.15	5.15	5.13
T30°CVnom	4.39	4.15	4.32	4.06
T20°CVnom	4.38	3.42	3.58	3.97
T10°CVnom	3.06	3.42	3.72	3.86
T0°CVnom	2.69	3.11	3.57	3.43
T-10°CVnom	3.03	2.71	2.59	3.10
T-20°CVnom	2.55	2.70	3.04	3.46
T-30°CVnom	3.17	2.81	2.53	2.43
Vnom [Vac]: 120		Vmax [Vac]: 138		Vmin [Vac]: 102
Tnom [°C]: 20		Tmax [°C]: 50		Tmin [°C]: -30

3.6.6 Test Result of Frequency Stability (Configuration 3: External Directional Panel antenna (model WS-AI-DQ04360)

Frequency: 5320 MHz	Frequency Drift (ppm)			
Temperature (°C)	0 minute	2 minutes	5 minutes	10 minutes
T20°CVmax	4.58	4.17	4.49	5.33
T20°CVmin	4.19	4.55	4.46	4.47
T50°CVnom	3.02	3.16	2.98	3.17
T40°CVnom	1.89	1.83	2.10	1.54
T30°CVnom	2.37	2.94	3.01	2.72
T20°CVnom	2.14	2.32	2.17	2.36
T10°CVnom	2.41	3.00	2.22	1.98
T0°CVnom	2.98	3.09	3.35	3.18
T-10°CVnom	2.45	3.23	2.55	2.70
T-20°CVnom	0.93	0.52	1.38	1.60
T-30°CVnom	-0.39	-0.87	0.46	-0.18
Vnom [Vac]: 120		Vmax [Vac]: 138		Vmin [Vac]: 102
Tnom [°C]: 20		Tmax [°C]: 50		Tmin [°C]: -30

3.6.7 Test Result of Frequency Stability (Configuration 4: External Directional Panel antenna (model WS-AI-DD05120)

Frequency: 5320 MHz	Frequency Drift (ppm)			
Temperature (°C)	0 minute	2 minutes	5 minutes	10 minutes
T20°CVmax	6.04	5.99	6.02	5.93
T20°CVmin	4.74	5.22	5.31	4.98
T50°CVnom	3.51	3.66	3.12	2.55
T40°CVnom	2.32	2.91	2.67	1.96
T30°CVnom	2.38	2.39	2.42	2.77
T20°CVnom	2.03	2.06	2.08	2.39
T10°CVnom	1.73	2.32	2.03	1.72
T0°CVnom	0.84	1.10	0.45	0.84
T-10°CVnom	1.64	1.87	1.95	1.89
T-20°CVnom	-0.54	0.10	-0.83	-0.80
T-30°CVnom	1.96	2.11	1.98	1.95
Vnom [Vac]: 120		Vmax [Vac]: 138		Vmin [Vac]: 102
Tnom [°C]: 20		Tmax [°C]: 50		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

==END==