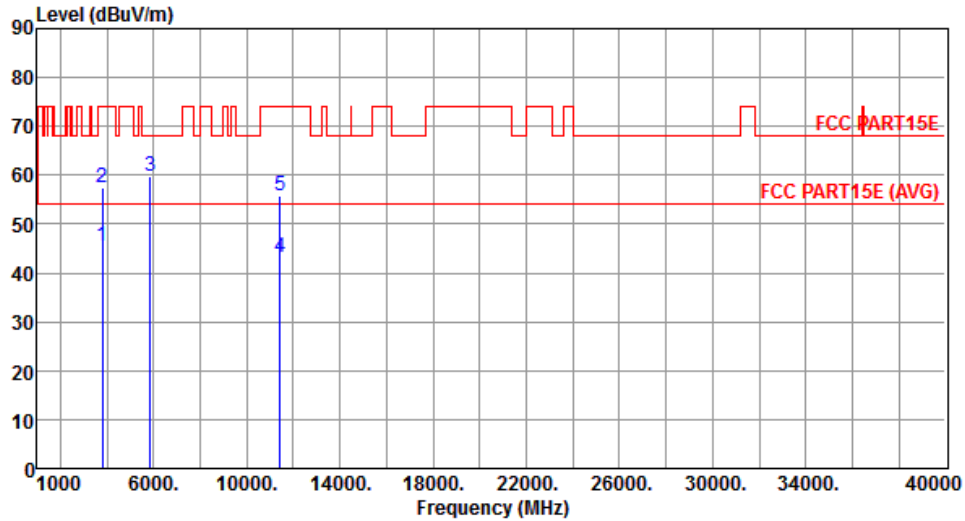


Modulation	VHT40	Test Freq. (MHz)	5710
Polarization	Vertical		

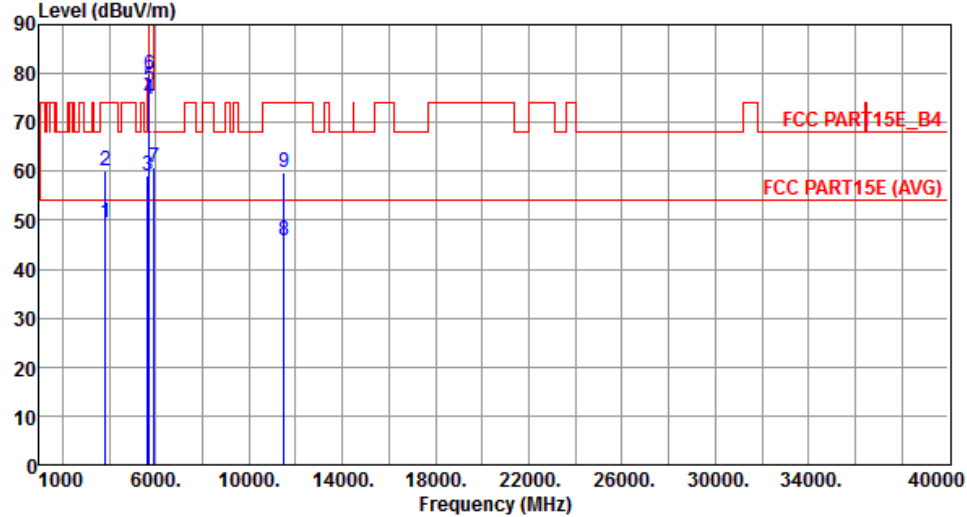


	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	3806.66	45.50	54.00	-8.50	43.62	1.88	Average	197	100
2	3806.66	57.38	74.00	-16.62	55.50	1.88	Peak	197	100
3	5850.00	59.81	68.20	-8.39	53.82	5.99	Peak	181	111
4	11420.00	43.29	54.00	-10.71	28.62	14.67	Average	151	295
5	11420.00	55.89	74.00	-18.11	41.22	14.67	Peak	151	295

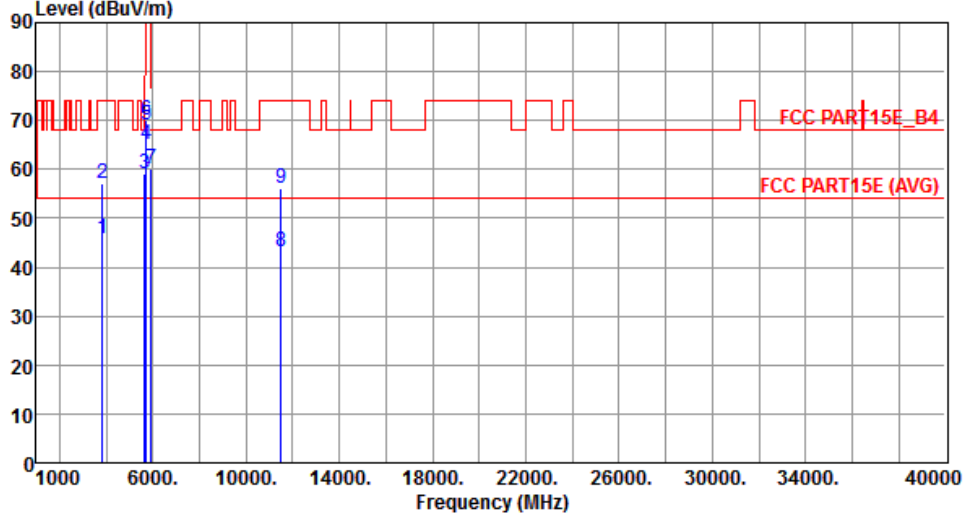
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

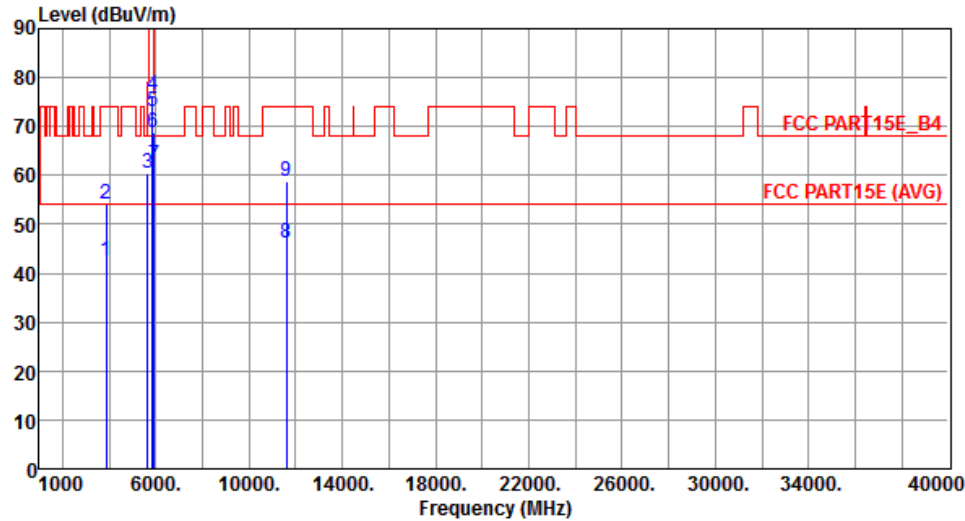
Modulation	VHT40	Test Freq. (MHz)	5755																																																																																																				
Polarization	Horizontal																																																																																																						
 <table><thead><tr><th></th><th>Freq. MHz</th><th>Emission level dBUV/m</th><th>Limit dBUV/m</th><th>Margin dB</th><th>SA reading dBUV</th><th>Factor dB</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>3836.66</td><td>49.41</td><td>54.00</td><td>-4.59</td><td>47.43</td><td>1.98</td><td>Average</td><td>184</td><td>169</td></tr><tr><td>2</td><td>3836.66</td><td>60.26</td><td>74.00</td><td>-13.74</td><td>58.28</td><td>1.98</td><td>Peak</td><td>184</td><td>169</td></tr><tr><td>3</td><td>5650.00</td><td>59.24</td><td>68.20</td><td>-8.96</td><td>53.55</td><td>5.69</td><td>Peak</td><td>153</td><td>350</td></tr><tr><td>4</td><td>5700.00</td><td>74.75</td><td>105.20</td><td>-30.45</td><td>68.98</td><td>5.77</td><td>Peak</td><td>153</td><td>350</td></tr><tr><td>5</td><td>5720.00</td><td>77.35</td><td>110.80</td><td>-33.45</td><td>71.56</td><td>5.79</td><td>Peak</td><td>153</td><td>350</td></tr><tr><td>6</td><td>5725.00</td><td>79.67</td><td>122.20</td><td>-42.53</td><td>73.86</td><td>5.81</td><td>Peak</td><td>153</td><td>350</td></tr><tr><td>7</td><td>5925.00</td><td>60.68</td><td>68.20</td><td>-7.52</td><td>54.59</td><td>6.09</td><td>Peak</td><td>153</td><td>350</td></tr><tr><td>8</td><td>11510.00</td><td>45.85</td><td>54.00</td><td>-8.15</td><td>31.13</td><td>14.72</td><td>Average</td><td>188</td><td>342</td></tr><tr><td>9</td><td>11510.00</td><td>59.83</td><td>74.00</td><td>-14.17</td><td>45.11</td><td>14.72</td><td>Peak</td><td>188</td><td>342</td></tr></tbody></table>					Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg	1	3836.66	49.41	54.00	-4.59	47.43	1.98	Average	184	169	2	3836.66	60.26	74.00	-13.74	58.28	1.98	Peak	184	169	3	5650.00	59.24	68.20	-8.96	53.55	5.69	Peak	153	350	4	5700.00	74.75	105.20	-30.45	68.98	5.77	Peak	153	350	5	5720.00	77.35	110.80	-33.45	71.56	5.79	Peak	153	350	6	5725.00	79.67	122.20	-42.53	73.86	5.81	Peak	153	350	7	5925.00	60.68	68.20	-7.52	54.59	6.09	Peak	153	350	8	11510.00	45.85	54.00	-8.15	31.13	14.72	Average	188	342	9	11510.00	59.83	74.00	-14.17	45.11	14.72	Peak	188	342
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg																																																																																														
1	3836.66	49.41	54.00	-4.59	47.43	1.98	Average	184	169																																																																																														
2	3836.66	60.26	74.00	-13.74	58.28	1.98	Peak	184	169																																																																																														
3	5650.00	59.24	68.20	-8.96	53.55	5.69	Peak	153	350																																																																																														
4	5700.00	74.75	105.20	-30.45	68.98	5.77	Peak	153	350																																																																																														
5	5720.00	77.35	110.80	-33.45	71.56	5.79	Peak	153	350																																																																																														
6	5725.00	79.67	122.20	-42.53	73.86	5.81	Peak	153	350																																																																																														
7	5925.00	60.68	68.20	-7.52	54.59	6.09	Peak	153	350																																																																																														
8	11510.00	45.85	54.00	-8.15	31.13	14.72	Average	188	342																																																																																														
9	11510.00	59.83	74.00	-14.17	45.11	14.72	Peak	188	342																																																																																														
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor* (dB) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).																																																																																																							

Modulation	VHT40	Test Freq. (MHz)	5755
Polarization	Vertical		

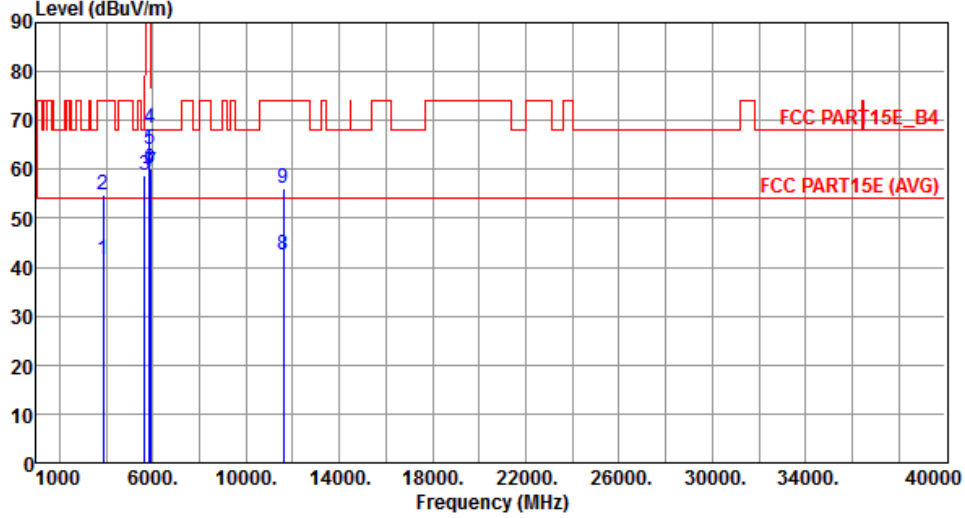


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	3836.66	45.79	54.00	-8.21	43.81	1.98	Average	201	107
2	3836.66	57.09	74.00	-16.91	55.11	1.98	Peak	201	107
3	5650.00	59.15	68.20	-9.05	53.46	5.69	Peak	154	124
4	5700.00	65.09	105.20	-40.11	59.32	5.77	Peak	154	124
5	5720.00	69.09	110.80	-41.71	63.30	5.79	Peak	154	124
6	5725.00	69.94	122.20	-52.26	64.13	5.81	Peak	154	124
7	5925.00	59.96	68.20	-8.24	53.87	6.09	Peak	154	124
8	11510.00	43.07	54.00	-10.93	28.35	14.72	Average	177	162
9	11510.00	55.97	74.00	-18.03	41.25	14.72	Peak	177	162

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

Modulation	VHT40	Test Freq. (MHz)	5795						
Polarization	Horizontal								
									
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	3863.33	42.60	54.00	-11.40	40.53	2.07	Average	177	344
2	3863.33	54.08	74.00	-19.92	52.01	2.07	Peak	177	344
3	5650.00	60.52	68.20	-7.68	54.83	5.69	Peak	153	350
4	5850.00	76.23	122.20	-45.97	70.24	5.99	Peak	153	350
5	5855.00	73.11	110.80	-37.69	67.11	6.00	Peak	153	350
6	5875.00	68.68	105.20	-36.52	62.66	6.02	Peak	153	350
7	5925.00	61.98	68.20	-6.22	55.89	6.09	Peak	153	350
8	11590.00	46.09	54.00	-7.91	31.53	14.56	Average	155	341
9	11590.00	58.81	74.00	-15.19	44.25	14.56	Peak	155	341
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor* (dB) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).									

Modulation	VHT40	Test Freq. (MHz)	5795
Polarization	Vertical		

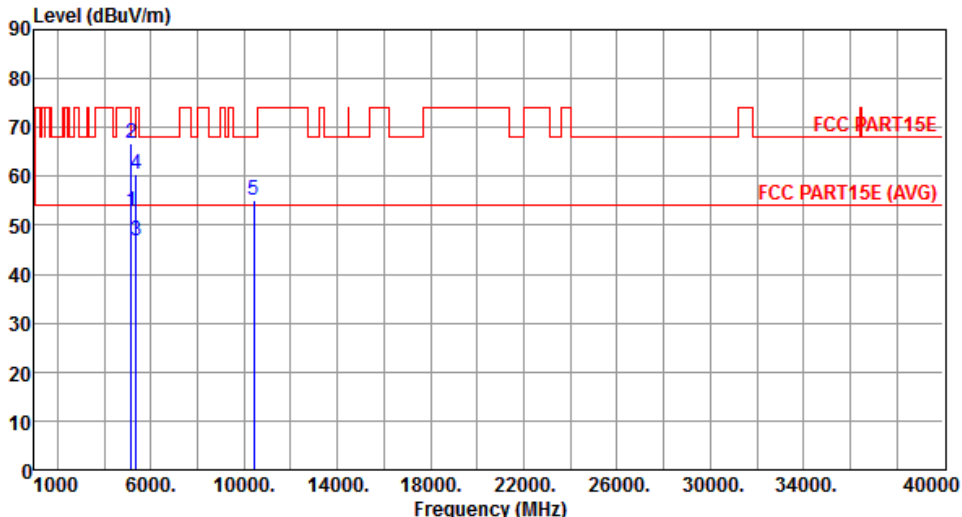


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	3863.33	41.60	54.00	-12.40	39.53	2.07	Average	177	168
2	3863.33	54.67	74.00	-19.33	52.60	2.07	Peak	177	168
3	5650.00	58.90	68.20	-9.30	53.21	5.69	Peak	154	123
4	5850.00	68.30	122.20	-53.90	62.31	5.99	Peak	154	123
5	5855.00	64.21	110.80	-46.59	58.21	6.00	Peak	154	123
6	5875.00	60.17	105.20	-45.03	54.15	6.02	Peak	154	123
7	5925.00	59.41	68.20	-8.79	53.32	6.09	Peak	154	123
8	11590.00	42.61	54.00	-11.39	28.05	14.56	Average	148	18
9	11590.00	56.21	74.00	-17.79	41.65	14.56	Peak	148	18

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

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

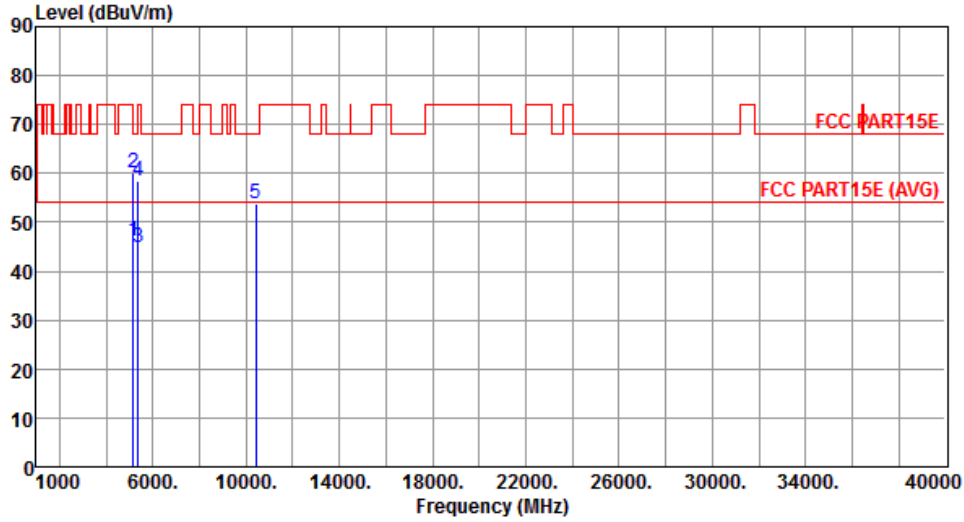
Modulation	VHT80	Test Freq. (MHz)	5210
Polarization	Horizontal		



Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
5150.00	52.82	54.00	-1.18	47.80	5.02	Average	143	342
5150.00	66.87	74.00	-7.13	61.85	5.02	Peak	143	342
5350.00	46.85	54.00	-7.15	41.54	5.31	Average	143	342
5350.00	60.41	74.00	-13.59	55.10	5.31	Peak	143	342
10420.00	55.15	68.20	-13.05	41.37	13.78	Peak	176	46

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

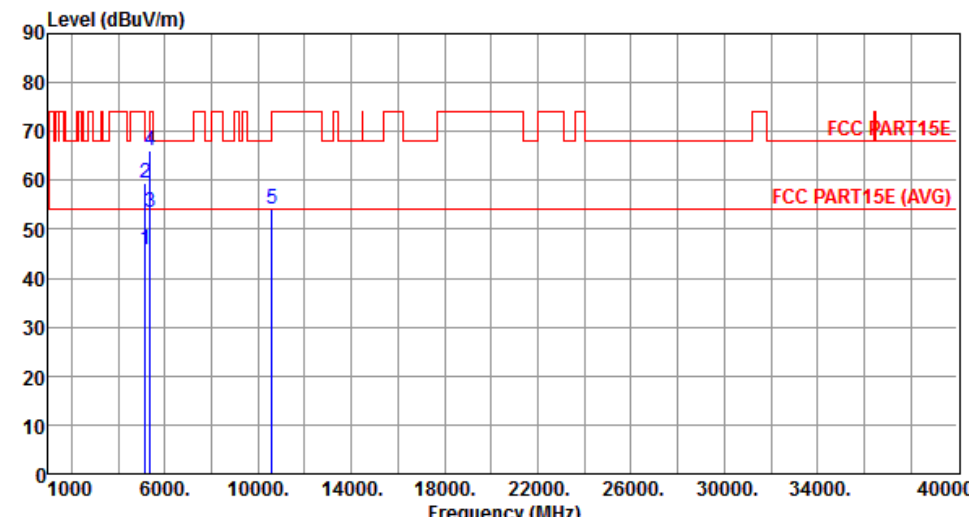
Modulation	VHT80	Test Freq. (MHz)	5210
Polarization	Vertical		



	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	46.04	54.00	-7.96	41.02	5.02	Average	144	117
2	5150.00	60.01	74.00	-13.99	54.99	5.02	Peak	144	117
3	5350.00	44.87	54.00	-9.13	39.56	5.31	Average	144	117
4	5350.00	58.35	74.00	-15.65	53.04	5.31	Peak	144	117
5	10420.00	53.84	68.20	-14.36	40.06	13.78	Peak	135	314

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

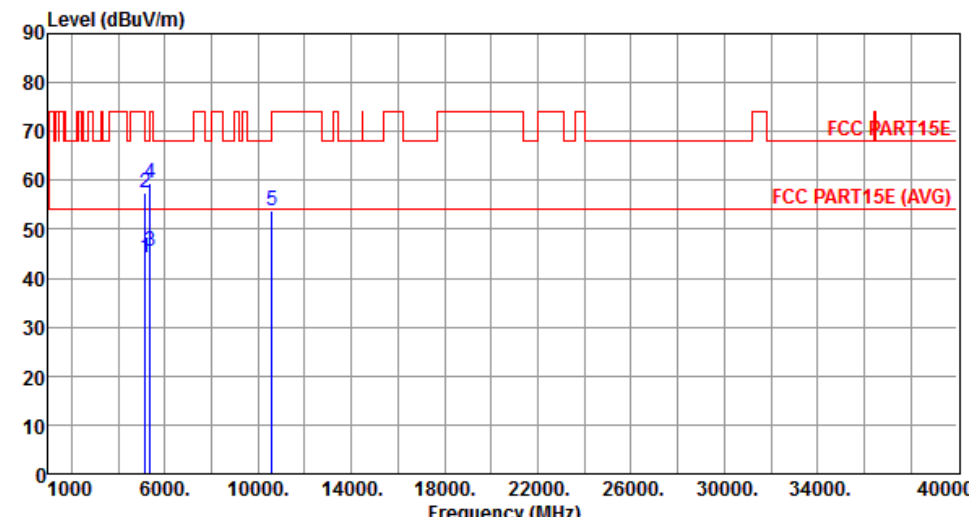
Modulation	VHT80	Test Freq. (MHz)	5290
Polarization	Horizontal		



	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	45.91	54.00	-8.09	40.89	5.02	Average	147	346
2	5150.00	59.48	74.00	-14.52	54.46	5.02	Peak	147	346
3	5350.00	53.43	54.00	-0.57	48.12	5.31	Average	147	346
4	5350.00	66.03	74.00	-7.97	60.72	5.31	Peak	147	346
5	10580.00	54.25	68.20	-13.95	40.35	13.90	Peak	185	52

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

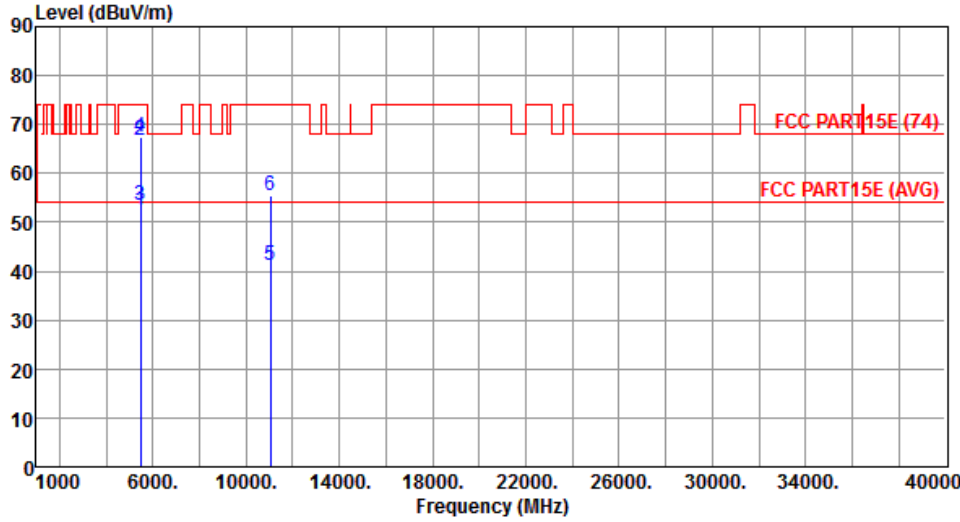
Modulation	VHT80	Test Freq. (MHz)	5290
Polarization	Vertical		



	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	44.14	54.00	-9.86	39.12	5.02	Average	165	113
2	5150.00	57.44	74.00	-16.56	52.42	5.02	Peak	165	113
3	5350.00	45.54	54.00	-8.46	40.23	5.31	Average	165	113
4	5350.00	59.50	74.00	-14.50	54.19	5.31	Peak	165	113
5	10580.00	53.66	68.20	-14.54	39.76	13.90	Peak	161	302

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

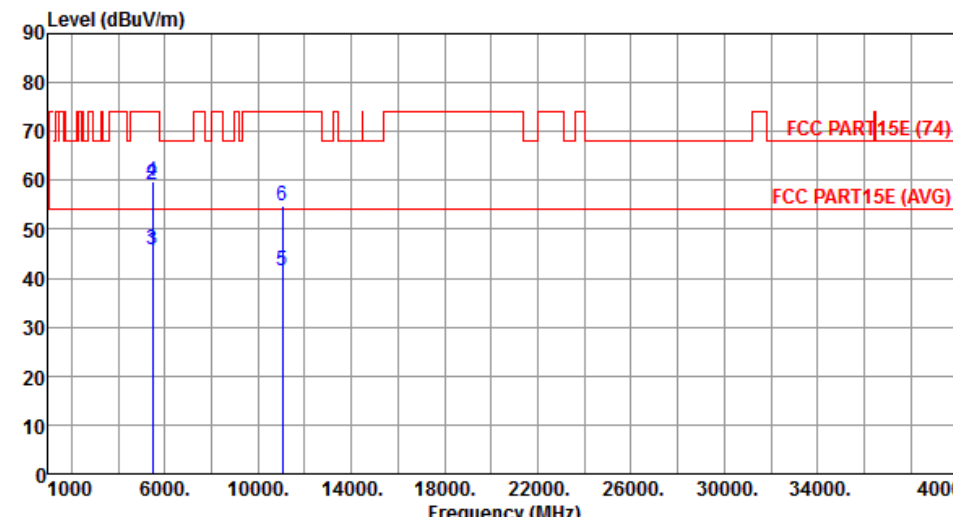
Modulation	VHT80	Test Freq. (MHz)	5530
Polarization	Horizontal		



	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	52.41	54.00	-1.59	46.95	5.46	Average	133	340
2	5460.00	66.66	74.00	-7.34	61.20	5.46	Peak	133	340
3	5470.00	53.37	54.00	-0.63	47.90	5.47	Average	133	340
4	5470.00	67.46	74.00	-6.54	61.99	5.47	Peak	133	340
5	11060.00	41.08	54.00	-12.92	26.73	14.35	Average	218	50
6	11060.00	55.58	74.00	-18.42	41.23	14.35	Peak	218	50

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

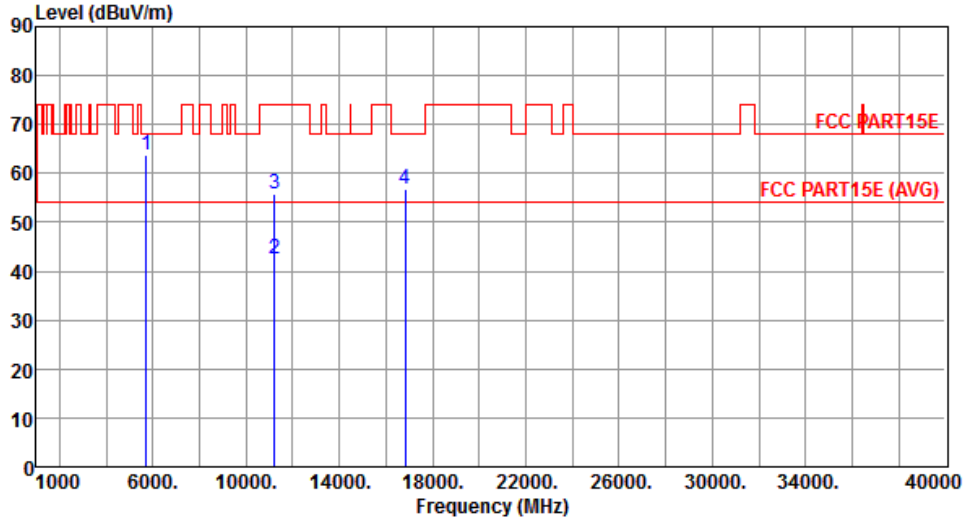
Modulation	VHT80	Test Freq. (MHz)	5530
Polarization	Vertical		



	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	45.59	54.00	-8.41	40.13	5.46	Average	172	118
2	5460.00	59.21	74.00	-14.79	53.75	5.46	Peak	172	118
3	5470.00	45.92	54.00	-8.08	40.45	5.47	Average	172	118
4	5470.00	59.66	74.00	-14.34	54.19	5.47	Peak	172	118
5	11060.00	41.40	54.00	-12.60	27.05	14.35	Average	100	308
6	11060.00	54.66	74.00	-19.34	40.31	14.35	Peak	100	308

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

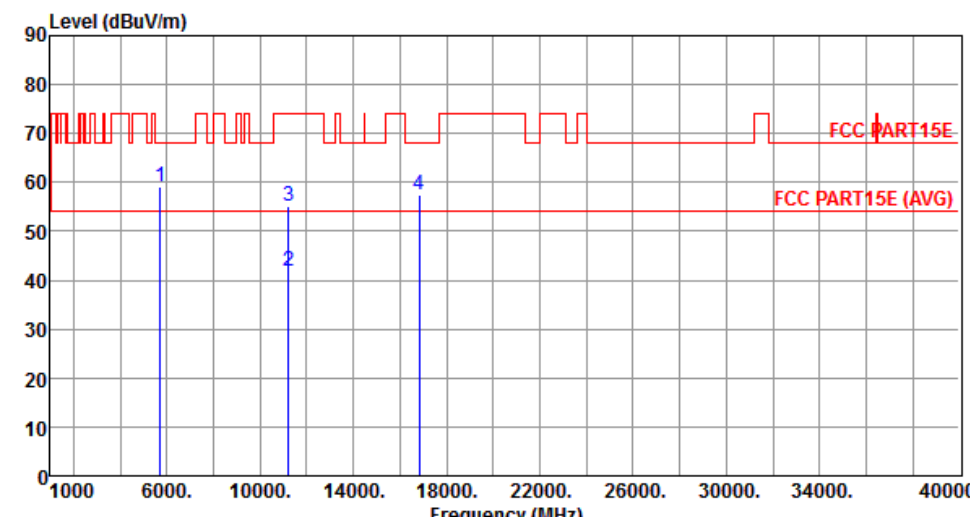
Modulation	VHT80	Test Freq. (MHz)	5610
Polarization	Horizontal		



	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	63.75	68.20	-4.45	57.94	5.81	Peak	139	345
2	11220.00	42.55	54.00	-11.45	28.06	14.49	Average	147	342
3	11220.00	55.74	74.00	-18.26	41.25	14.49	Peak	147	342
4	16830.00	56.63	68.20	-11.57	40.61	16.02	Peak	100	348

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/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)	5610
Polarization	Vertical		



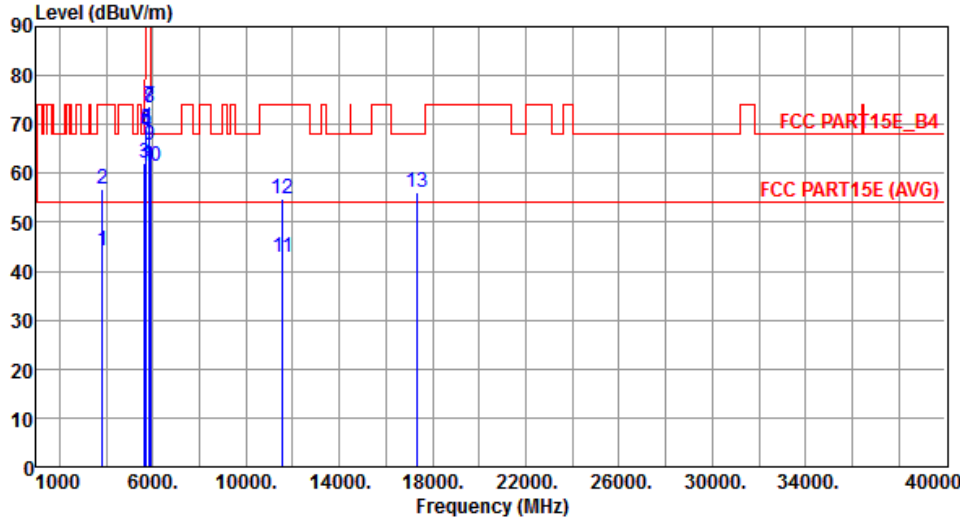
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5725.00	59.15	68.20	-9.05	53.34	5.81	Peak	165	136
2	11220.00	41.88	54.00	-12.12	27.39	14.49	Average	153	294
3	11220.00	55.10	74.00	-18.90	40.61	14.49	Peak	153	294
4	16830.00	57.54	68.20	-10.66	41.52	16.02	Peak	100	311

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

Modulation	VHT80	Test Freq. (MHz)	5690
Polarization	Horizontal		
Level (dBuV/m) <			

Modulation	VHT80	Test Freq. (MHz)	5690
Polarization	Vertical		
Level (dBuV/m)			

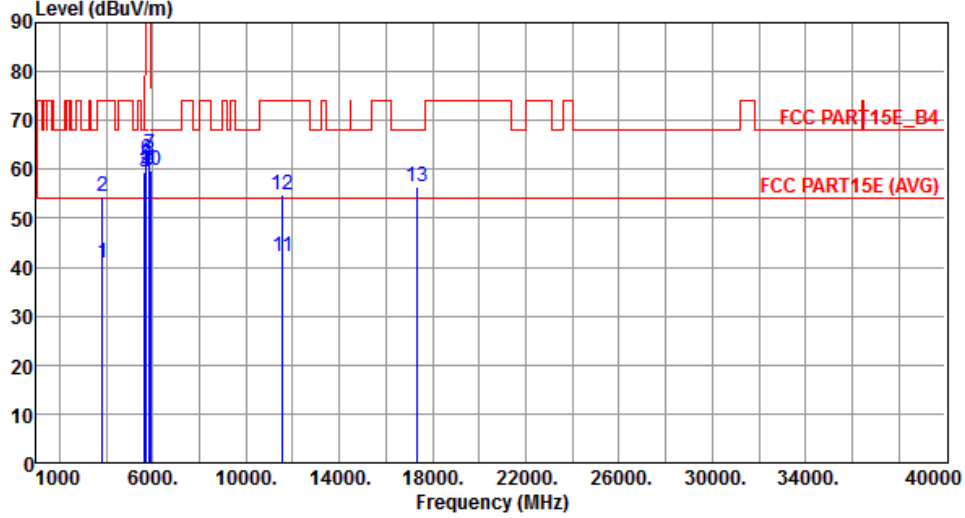
Modulation	VHT80	Test Freq. (MHz)	5775
Polarization	Horizontal		



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	3850.00	44.17	54.00	-9.83	42.15	2.02	Average	201	191
2	3850.00	56.83	74.00	-17.17	54.81	2.02	Peak	201	191
3	5650.00	61.95	68.20	-6.25	56.26	5.69	Peak	130	350
4	5700.00	68.25	105.20	-36.95	62.48	5.77	Peak	130	350
5	5720.00	69.07	110.80	-41.73	63.28	5.79	Peak	130	350
6	5725.00	68.89	122.20	-53.31	63.08	5.81	Peak	130	350
7	5850.00	73.56	122.20	-48.64	67.57	5.99	Peak	130	350
8	5855.00	73.35	110.80	-37.45	67.35	6.00	Peak	130	350
9	5875.00	65.62	105.20	-39.58	59.60	6.02	Peak	130	350
10	5925.00	61.58	68.20	-6.62	55.49	6.09	Peak	130	350
11	11550.00	42.93	54.00	-11.07	28.29	14.64	Average	160	52
12	11550.00	54.86	74.00	-19.14	40.22	14.64	Peak	160	52
13	17325.00	56.28	68.20	-11.92	38.85	17.43	Peak	100	343

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

Modulation	VHT80	Test Freq. (MHz)	5775
Polarization	Vertical		



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	3850.00	40.85	54.00	-13.15	38.83	2.02	Average	144	267
2	3850.00	54.30	74.00	-19.70	52.28	2.02	Peak	144	267
3	5650.00	59.32	68.20	-8.88	53.63	5.69	Peak	131	125
4	5700.00	59.45	105.20	-45.75	53.68	5.77	Peak	131	125
5	5720.00	60.65	110.80	-50.15	54.86	5.79	Peak	131	125
6	5725.00	62.04	122.20	-60.16	56.23	5.81	Peak	131	125
7	5850.00	63.09	122.20	-59.11	57.10	5.99	Peak	131	125
8	5855.00	61.79	110.80	-49.01	55.79	6.00	Peak	131	125
9	5875.00	59.90	105.20	-45.30	53.88	6.02	Peak	131	125
10	5925.00	59.64	68.20	-8.56	53.55	6.09	Peak	131	125
11	11550.00	42.32	54.00	-11.68	27.68	14.64	Average	100	166
12	11550.00	54.83	74.00	-19.17	40.19	14.64	Peak	100	166
13	17325.00	56.50	68.20	-11.70	39.07	17.43	Peak	100	338

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

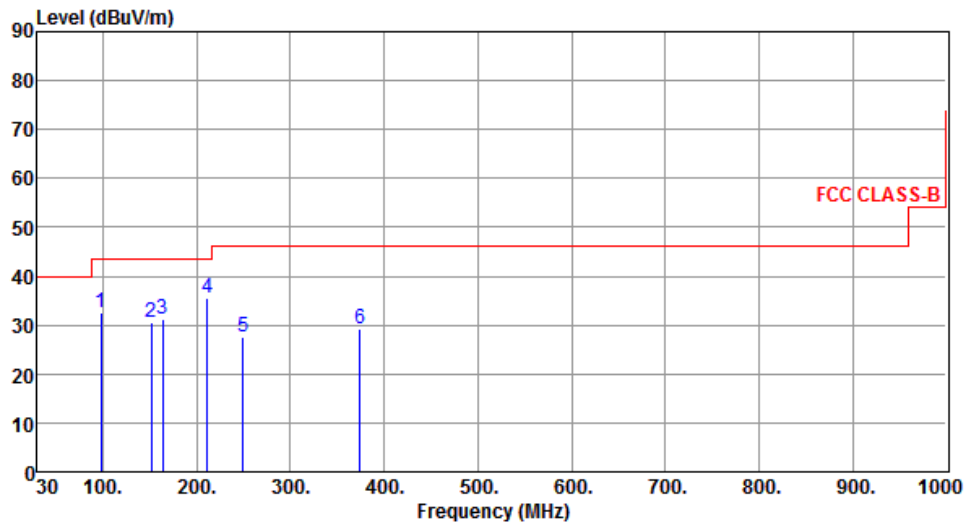
Configuration 3 : PIFA Antenna

3.5.14 Transmitter Radiated Unwanted Emissions (Below 1GHz)

Modulation	VHT20	Test Freq. (MHz)	5240
Polarization	Horizontal		
Level (dBuV/m) </			

Modulation	VHT20	Test Freq. (MHz)	5240
Polarization	Vertical		
Level (dBuV/m)			

Modulation	VHT20	Test Freq. (MHz)	5825
Polarization	Horizontal		



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	97.82	32.51	43.50	-10.99	46.29	-13.78	Peak	---	---
2	151.48	30.44	43.50	-13.06	38.94	-8.50	Peak	---	---
3	163.72	31.06	43.50	-12.44	39.58	-8.52	Peak	---	---
4	211.52	35.63	43.50	-7.87	46.89	-11.26	Peak	---	---
5	249.53	27.42	46.00	-18.58	37.04	-9.62	Peak	---	---
6	374.36	29.36	46.00	-16.64	35.29	-5.93	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

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

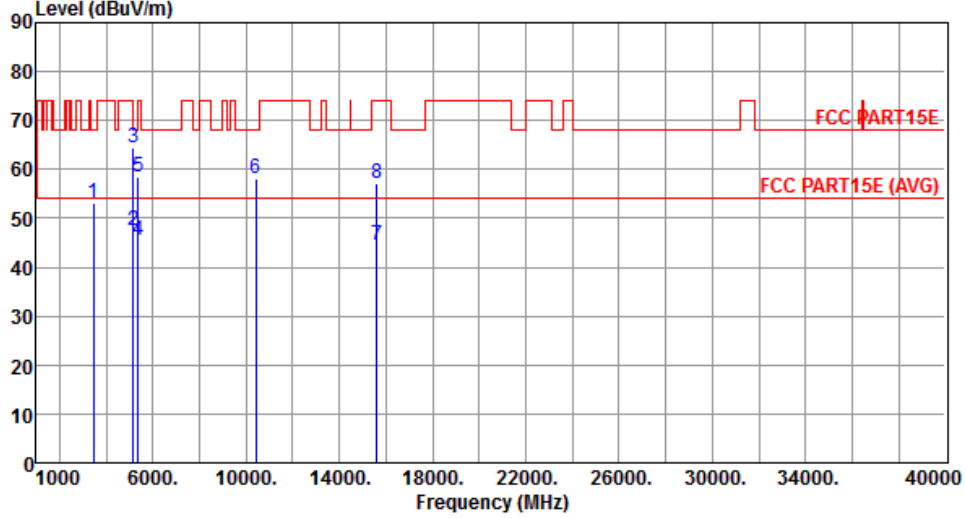
Modulation	VHT20	Test Freq. (MHz)	5825
Polarization	Vertical		
 </			

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

Modulation	11a	Test Freq. (MHz)	5180
Polarization	Horizontal		
Level (dBuV/m)			

Modulation	11a	Test Freq. (MHz)	5180
Polarization	Vertical		
 </			

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



	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	3466.66	53.09	68.20	-15.11	52.23	0.86	Peak	100	144
2	5150.00	47.48	54.00	-6.52	42.46	5.02	Average	137	316
3	5150.00	64.51	74.00	-9.49	59.49	5.02	Peak	137	316
4	5350.00	45.60	54.00	-8.40	40.29	5.31	Average	137	316
5	5350.00	58.42	74.00	-15.58	53.11	5.31	Peak	137	316
6	10400.00	58.09	68.20	-10.11	44.32	13.77	Peak	178	19
7	15600.00	44.37	54.00	-9.63	29.43	14.94	Average	168	325
8	15600.00	57.07	74.00	-16.93	42.13	14.94	Peak	168	325

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

Modulation	11a	Test Freq. (MHz)	5200
Polarization	Vertical		
Level (dBuV/m) </			

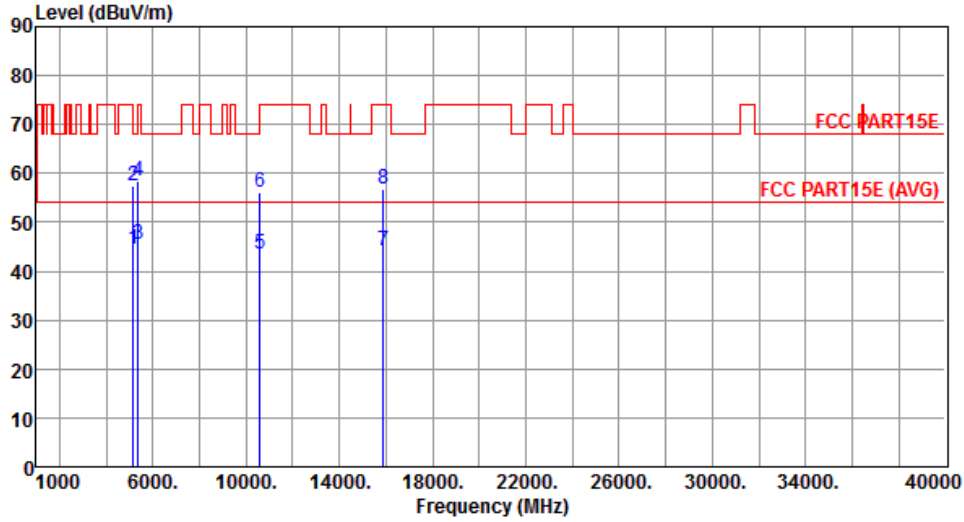
Modulation	11a	Test Freq. (MHz)	5240
Polarization	Horizontal		
Level (dBuV/m) </			

Modulation	11a	Test Freq. (MHz)	5240
Polarization	Vertical		
Level (dBuV/m)			

Modulation	11a	Test Freq. (MHz)	5260
Polarization	Horizontal		
Level (dBuV/m) </			

Modulation	11a	Test Freq. (MHz)	5260
Polarization	Vertical		
Level (dBuV/m) </			

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



	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	44.38	54.00	-9.62	39.36	5.02	Average	255	298
2	5150.00	57.59	74.00	-16.41	52.57	5.02	Peak	255	298
3	5350.00	45.58	54.00	-8.42	40.27	5.31	Average	255	298
4	5350.00	58.43	74.00	-15.57	53.12	5.31	Peak	255	298
5	10600.00	43.40	54.00	-10.60	29.48	13.92	Average	255	63
6	10600.00	56.27	74.00	-17.73	42.35	13.92	Peak	255	63
7	15900.00	44.30	54.00	-9.70	29.46	14.84	Average	216	54
8	15900.00	56.77	74.00	-17.23	41.93	14.84	Peak	216	54

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

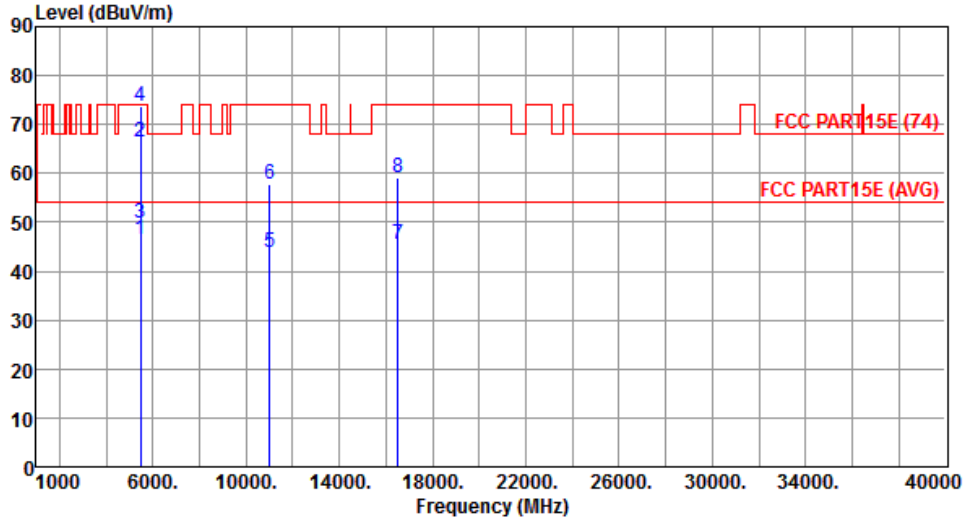
Modulation	11a	Test Freq. (MHz)	5300
Polarization	Vertical		
Level (dBuV/m) </			

Modulation	11a	Test Freq. (MHz)	5320
Polarization	Horizontal		
 </			

Modulation	11a	Test Freq. (MHz)	5320
Polarization	Vertical		
Level (dBUV/m) </			

Modulation	11a	Test Freq. (MHz)	5500
Polarization	Horizontal		
Level (dBuV/m)			

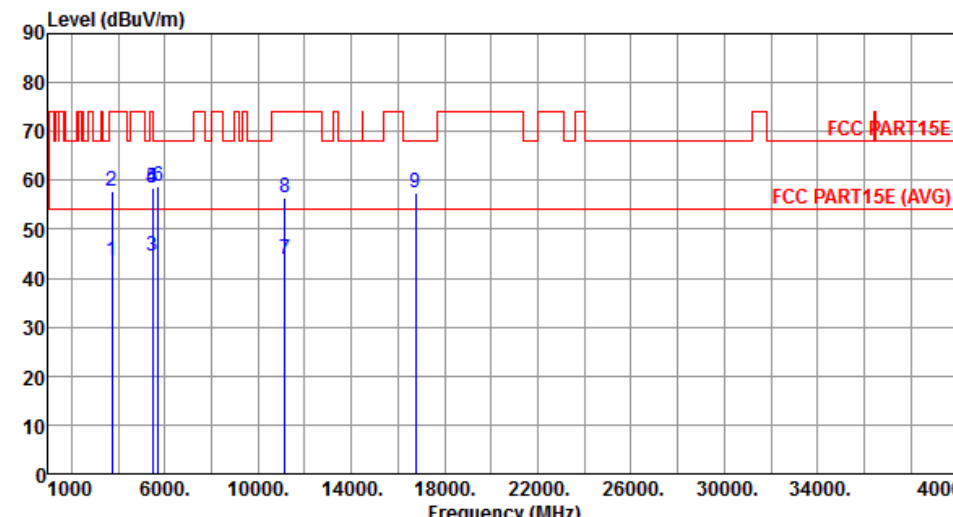
Modulation	11a	Test Freq. (MHz)	5500
Polarization	Vertical		



	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	40.96	5.46	Average	301	94
2	5460.00	66.36	74.00	-7.64	60.90	5.46	Peak	301	94
3	5470.00	49.75	54.00	-4.25	44.28	5.47	Average	301	94
4	5470.00	73.77	74.00	-0.23	68.30	5.47	Peak	301	94
5	11000.00	43.80	54.00	-10.20	29.50	14.30	Average	100	244
6	11000.00	57.67	74.00	-16.33	43.37	14.30	Peak	100	244
7	16500.00	45.52	54.00	-8.48	29.68	15.84	Average	100	260
8	16500.00	59.06	74.00	-14.94	43.22	15.84	Peak	100	260

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

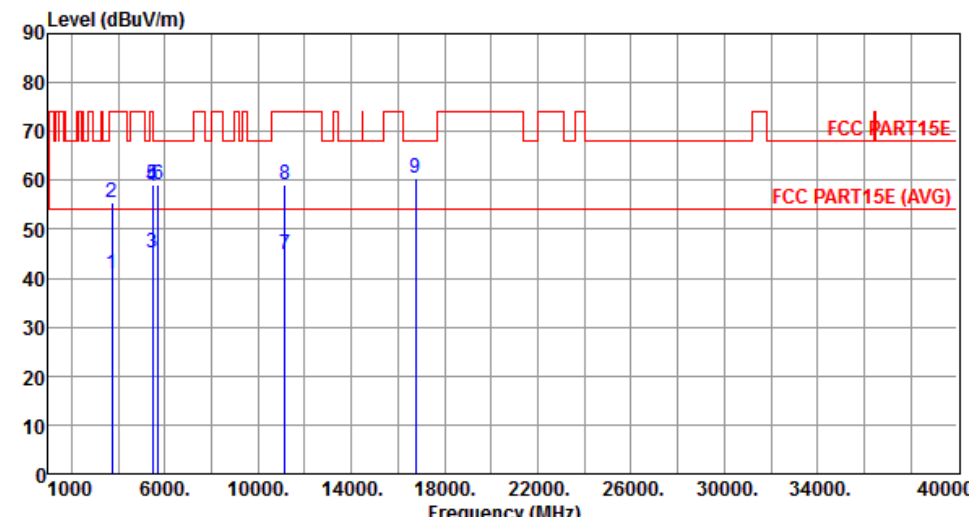
Modulation	11a	Test Freq. (MHz)	5580
Polarization	Horizontal		



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	3720.00	43.42	54.00	-10.58	41.82	1.60	Average	160	15
2	3720.00	57.82	74.00	-16.18	56.22	1.60	Peak	160	15
3	5460.00	44.54	54.00	-9.46	39.08	5.46	Average	149	46
4	5460.00	58.39	74.00	-15.61	52.93	5.46	Peak	149	46
5	5470.00	58.43	68.20	-9.77	52.96	5.47	Peak	149	46
6	5725.00	58.87	68.20	-9.33	53.06	5.81	Peak	149	46
7	11160.00	43.74	54.00	-10.26	29.30	14.44	Average	204	12
8	11160.00	56.58	74.00	-17.42	42.14	14.44	Peak	204	12
9	16740.00	57.49	68.20	-10.71	41.52	15.97	Peak	100	340

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

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



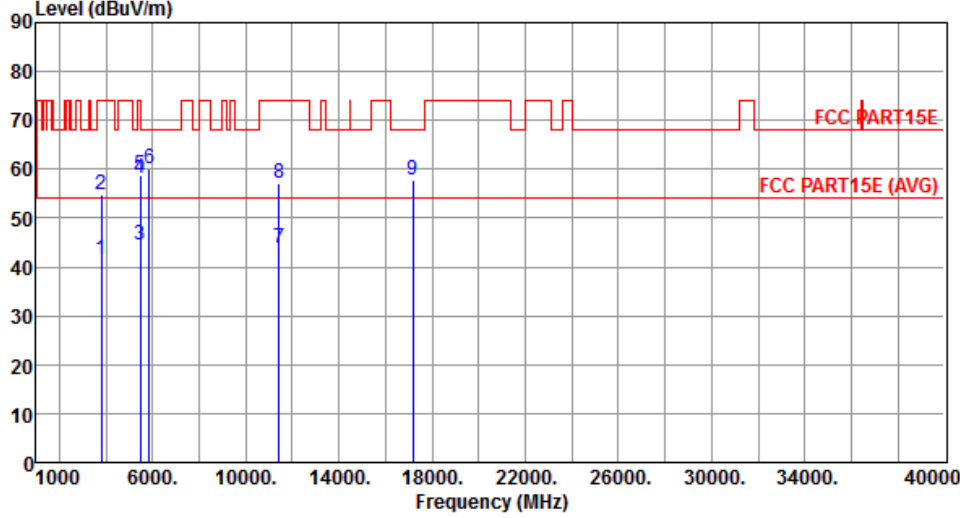
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	3720.00	41.01	54.00	-12.99	39.41	1.60	Average	122	337
2	3720.00	55.45	74.00	-18.55	53.85	1.60	Peak	122	337
3	5460.00	45.12	54.00	-8.88	39.66	5.46	Average	304	96
4	5460.00	58.66	74.00	-15.34	53.20	5.46	Peak	304	96
5	5470.00	59.15	68.20	-9.05	53.68	5.47	Peak	304	96
6	5725.00	58.98	68.20	-9.22	53.17	5.81	Peak	304	96
7	11160.00	44.77	54.00	-9.23	30.33	14.44	Average	100	255
8	11160.00	58.99	74.00	-15.01	44.55	14.44	Peak	100	255
9	16740.00	60.38	68.20	-7.82	44.41	15.97	Peak	100	172

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

Modulation	11a	Test Freq. (MHz)	5700
Polarization	Vertical		
Level (dBuV/m) </			

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

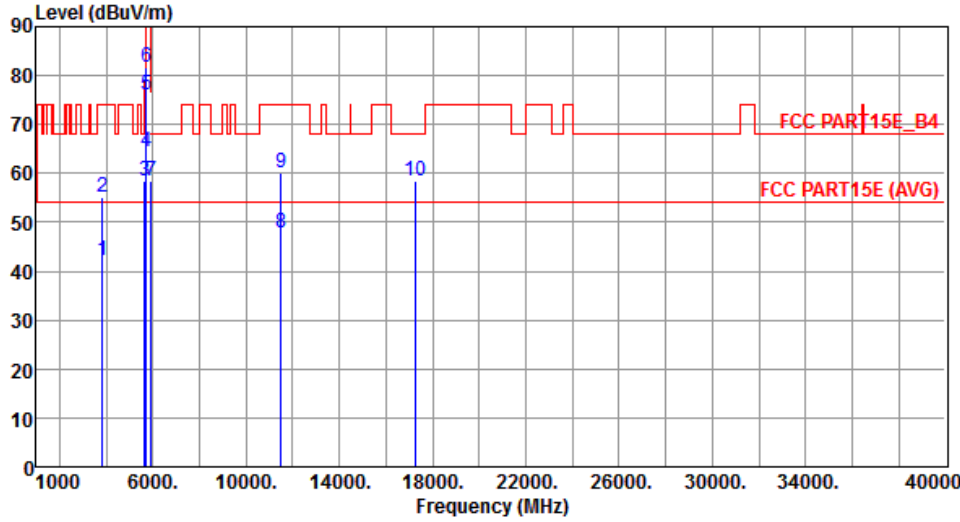


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	3813.33	41.63	54.00	-12.37	39.73	1.90	Average	169	11
2	3813.33	54.88	74.00	-19.12	52.98	1.90	Peak	169	11
3	5460.00	44.55	54.00	-9.45	39.09	5.46	Average	150	51
4	5460.00	58.27	74.00	-15.73	52.81	5.46	Peak	150	51
5	5470.00	58.64	68.20	-9.56	53.17	5.47	Peak	150	51
6	5850.00	60.01	68.20	-8.19	54.02	5.99	Peak	150	51
7	11440.00	43.82	54.00	-10.18	29.13	14.69	Average	210	18
8	11440.00	56.96	74.00	-17.04	42.27	14.69	Peak	210	18
9	17160.00	57.73	68.20	-10.47	40.97	16.76	Peak	100	349

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

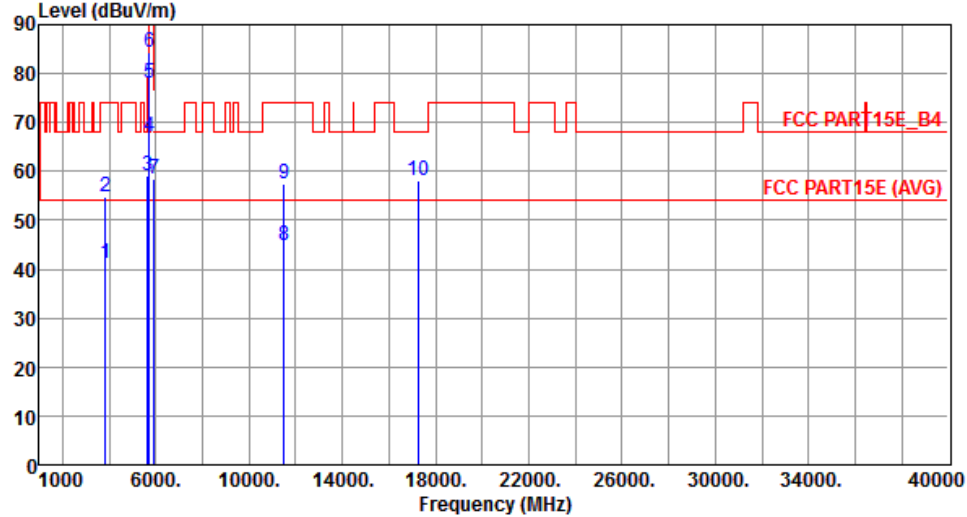
Modulation	11a	Test Freq. (MHz)	5720
Polarization	Vertical		
Level (dBuV/m) </			

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



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	3830.00	42.34	54.00	-11.66	40.38	1.96	Average	203	332
2	3830.00	55.25	74.00	-18.75	53.29	1.96	Peak	203	332
3	5650.00	58.46	68.20	-9.74	52.77	5.69	Peak	158	51
4	5700.00	64.34	105.20	-40.86	58.57	5.77	Peak	158	51
5	5720.00	76.05	110.80	-34.75	70.26	5.79	Peak	158	51
6	5725.00	81.71	122.20	-40.49	75.90	5.81	Peak	158	51
7	5925.00	58.42	68.20	-9.78	52.33	6.09	Peak	158	51
8	11490.00	47.92	54.00	-6.08	33.19	14.73	Average	175	302
9	11490.00	60.24	74.00	-13.76	45.51	14.73	Peak	175	302
10	17235.00	58.48	68.20	-9.72	41.41	17.07	Peak	175	32

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

Modulation	11a	Test Freq. (MHz)	5745						
Polarization	Vertical								
									
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	3830.00	41.16	54.00	-12.84	39.20	1.96	Average	155	143
2	3830.00	54.64	74.00	-19.36	52.68	1.96	Peak	155	143
3	5650.00	59.04	68.20	-9.16	53.35	5.69	Peak	297	93
4	5700.00	67.22	105.20	-37.98	61.45	5.77	Peak	297	93
5	5720.00	78.07	110.80	-32.73	72.28	5.79	Peak	297	93
6	5725.00	84.31	122.20	-37.89	78.50	5.81	Peak	297	93
7	5925.00	58.48	68.20	-9.72	52.39	6.09	Peak	297	93
8	11490.00	44.78	54.00	-9.22	30.05	14.73	Average	182	337
9	11490.00	57.51	74.00	-16.49	42.78	14.73	Peak	182	337
10	17235.00	58.17	68.20	-10.03	41.10	17.07	Peak	172	325

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

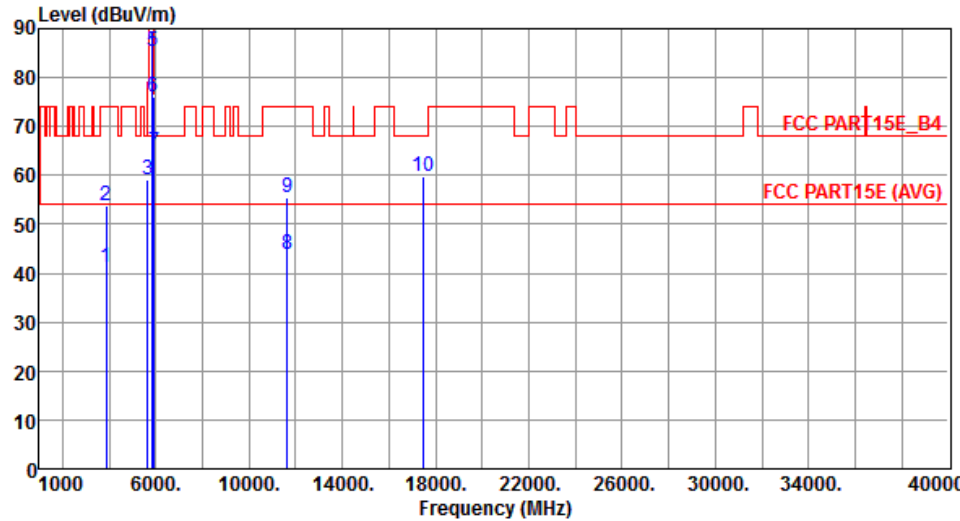
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	Test Freq. (MHz)	5785
Polarization	Horizontal		
Level (dBuV/m) <			

Modulation	11a	Test Freq. (MHz)	5785
Polarization	Vertical		
Level (dBUV/m) </			

Modulation	11a	Test Freq. (MHz)	5825
Polarization	Horizontal		
Level (dBuV/m) </			

Modulation	11a	Test Freq. (MHz)	5825						
Polarization	Vertical								
									
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	3883.33	41.35	54.00	-12.65	39.21	2.14	Average	155	353
2	3883.33	53.75	74.00	-20.25	51.61	2.14	Peak	155	353
3	5650.00	59.02	68.20	-9.18	53.33	5.69	Peak	292	94
4	5850.00	89.55	122.20	-32.65	83.56	5.99	Peak	292	94
5	5855.00	85.49	110.80	-25.31	79.49	6.00	Peak	292	94
6	5875.00	75.89	105.20	-29.31	69.87	6.02	Peak	292	94
7	5925.00	64.78	68.20	-3.42	58.69	6.09	Peak	292	94
8	11650.00	43.89	54.00	-10.11	29.45	14.44	Average	100	260
9	11650.00	55.43	74.00	-18.57	40.99	14.44	Peak	100	260
10	17475.00	59.65	68.20	-8.55	41.61	18.04	Peak	100	143

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

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

Modulation	VHT20	Test Freq. (MHz)	5180
Polarization	Horizontal		
Level (dBuV/m) </			

Modulation	VHT20	Test Freq. (MHz)	5180
Polarization	Vertical		
Level (dBuV/m)			

Modulation	VHT20	Test Freq. (MHz)	5200
Polarization	Horizontal		
Level (dBuV/m)			

Modulation	VHT20	Test Freq. (MHz)	5200
Polarization	Vertical		
Level (dBuV/m)			

Modulation	VHT20	Test Freq. (MHz)	5240
Polarization	Horizontal		
Level (dBuV/m)			

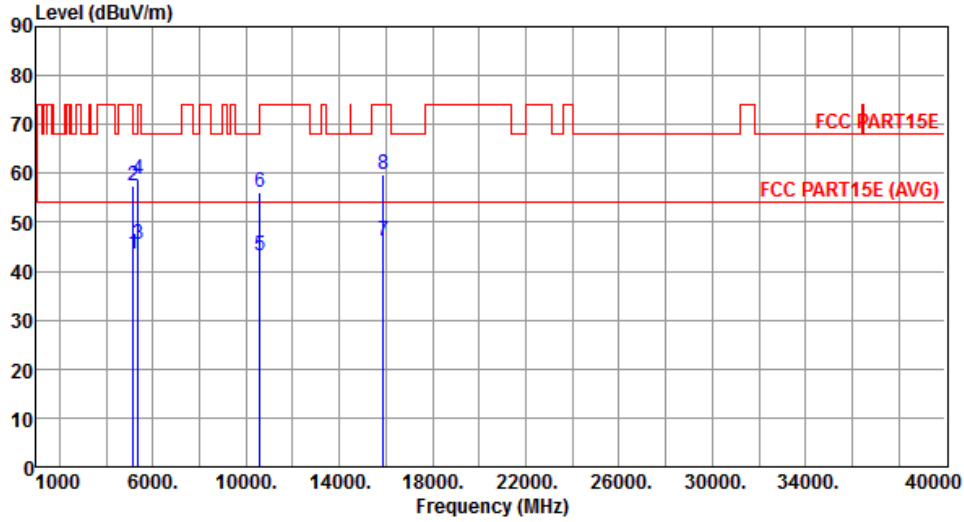
Modulation	VHT20	Test Freq. (MHz)	5240
Polarization	Vertical		
Level (dBUV/m)			

Modulation	VHT20	Test Freq. (MHz)	5260
Polarization	Horizontal		
Level (dBuV/m) </			

Modulation	VHT20	Test Freq. (MHz)	5260
Polarization	Vertical		
Level (dBuV/m)			

Modulation	VHT20	Test Freq. (MHz)	5300
Polarization	Horizontal		
Level (dBuV/m) <			

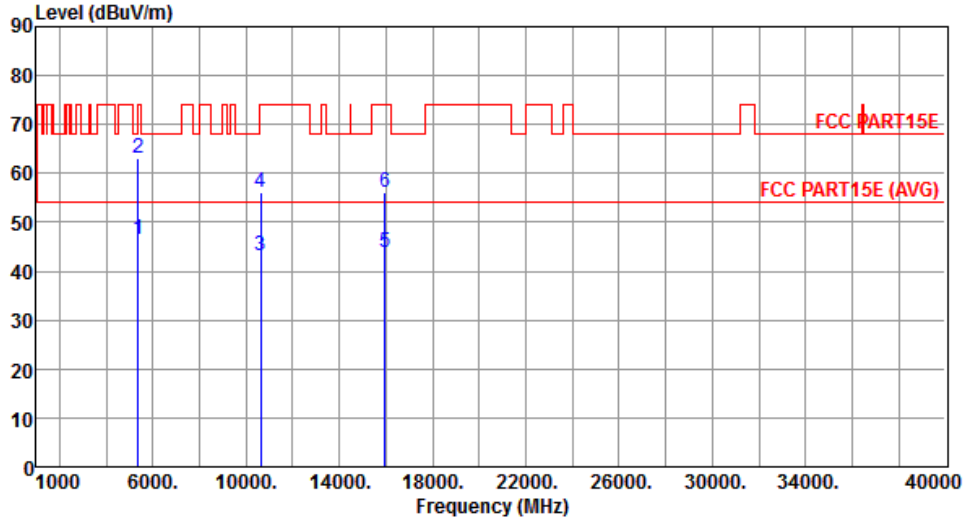
Modulation	VHT20	Test Freq. (MHz)	5300
Polarization	Vertical		



	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	43.65	54.00	-10.35	38.63	5.02	Average	319	94
2	5150.00	57.36	74.00	-16.64	52.34	5.02	Peak	319	94
3	5350.00	45.40	54.00	-8.60	40.09	5.31	Average	319	94
4	5350.00	58.76	74.00	-15.24	53.45	5.31	Peak	319	94
5	10600.00	43.19	54.00	-10.81	29.27	13.92	Average	211	253
6	10600.00	56.08	74.00	-17.92	42.16	13.92	Peak	211	253
7	15900.00	46.29	54.00	-7.71	31.45	14.84	Average	133	327
8	15900.00	59.62	74.00	-14.38	44.78	14.84	Peak	133	327

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

Modulation	VHT20	Test Freq. (MHz)	5320
Polarization	Horizontal		

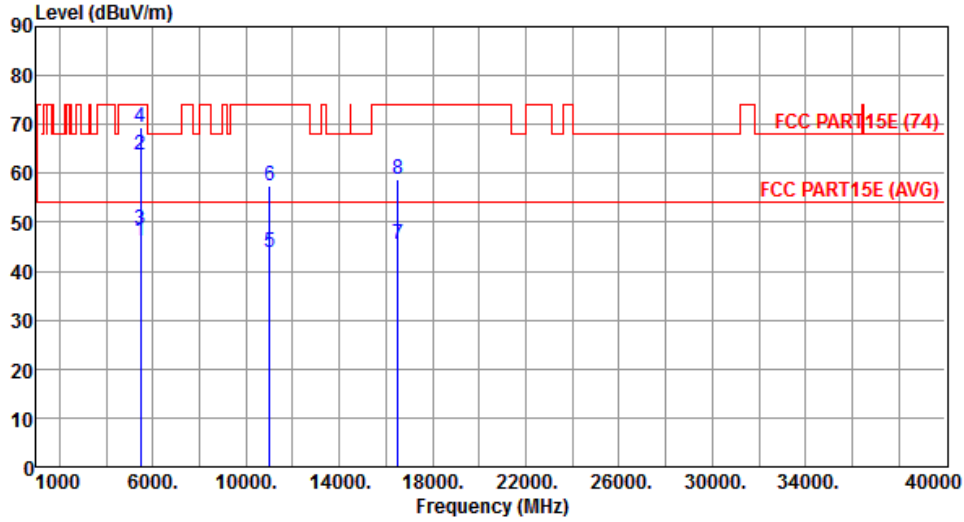


	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	46.41	54.00	-7.59	41.10	5.31	Average	130	324
2	5350.00	63.07	74.00	-10.93	57.76	5.31	Peak	130	324
3	10640.00	43.06	54.00	-10.94	29.10	13.96	Average	233	54
4	10640.00	55.96	74.00	-18.04	42.00	13.96	Peak	233	54
5	15960.00	43.84	54.00	-10.16	29.03	14.81	Average	208	46
6	15960.00	56.18	74.00	-17.82	41.37	14.81	Peak	208	46

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

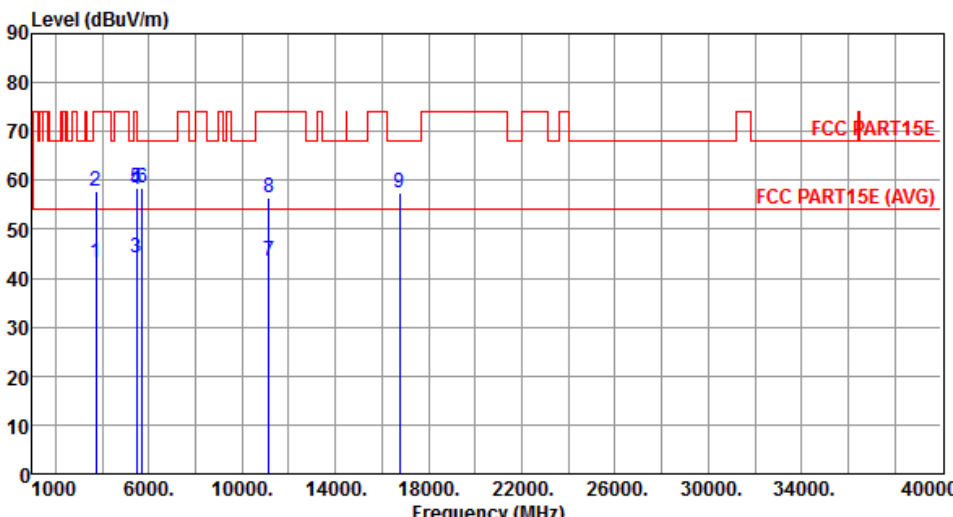
Modulation	VHT20	Test Freq. (MHz)	5500
Polarization	Vertical		



	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	46.21	54.00	-7.79	40.75	5.46	Average	303	95
2	5460.00	63.67	74.00	-10.33	58.21	5.46	Peak	303	95
3	5470.00	48.47	54.00	-5.53	43.00	5.47	Average	303	95
4	5470.00	69.55	74.00	-4.45	64.08	5.47	Peak	303	95
5	11000.00	43.71	54.00	-10.29	29.41	14.30	Average	100	236
6	11000.00	57.58	74.00	-16.42	43.28	14.30	Peak	100	236
7	16500.00	45.52	54.00	-8.48	29.68	15.84	Average	100	252
8	16500.00	58.82	74.00	-15.18	42.98	15.84	Peak	100	252

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

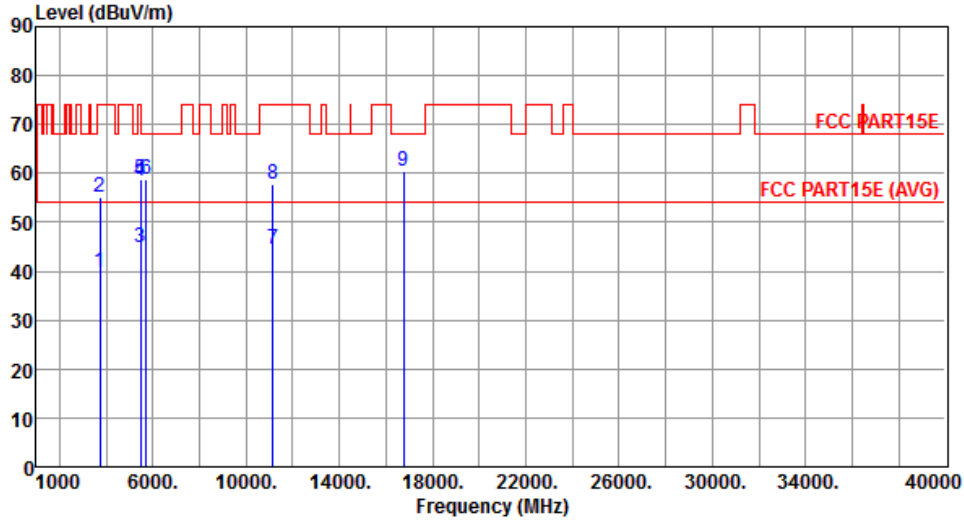
Modulation	VHT20	Test Freq. (MHz)	5580
Polarization	Horizontal		



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	3720.00	43.30	54.00	-10.70	41.70	1.60	Average	156	21
2	3720.00	57.68	74.00	-16.32	56.08	1.60	Peak	156	21
3	5460.00	44.31	54.00	-9.69	38.85	5.46	Average	151	44
4	5460.00	58.23	74.00	-15.77	52.77	5.46	Peak	151	44
5	5470.00	58.30	68.20	-9.90	52.83	5.47	Peak	151	44
6	5725.00	58.52	68.20	-9.68	52.71	5.81	Peak	151	44
7	11160.00	43.66	54.00	-10.34	29.22	14.44	Average	210	23
8	11160.00	56.52	74.00	-17.48	42.08	14.44	Peak	210	23
9	16740.00	57.41	68.20	-10.79	41.44	15.97	Peak	100	334

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



	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	3720.00	39.88	54.00	-14.12	38.28	1.60	Average	117	341
2	3720.00	55.21	74.00	-18.79	53.61	1.60	Peak	117	341
3	5460.00	44.92	54.00	-9.08	39.46	5.46	Average	305	93
4	5460.00	58.50	74.00	-15.50	53.04	5.46	Peak	305	93
5	5470.00	58.94	68.20	-9.26	53.47	5.47	Peak	305	93
6	5725.00	58.83	68.20	-9.37	53.02	5.81	Peak	305	93
7	11160.00	44.63	54.00	-9.37	30.19	14.44	Average	100	247
8	11160.00	57.76	74.00	-16.24	43.32	14.44	Peak	100	247
9	16740.00	60.29	68.20	-7.91	44.32	15.97	Peak	100	265

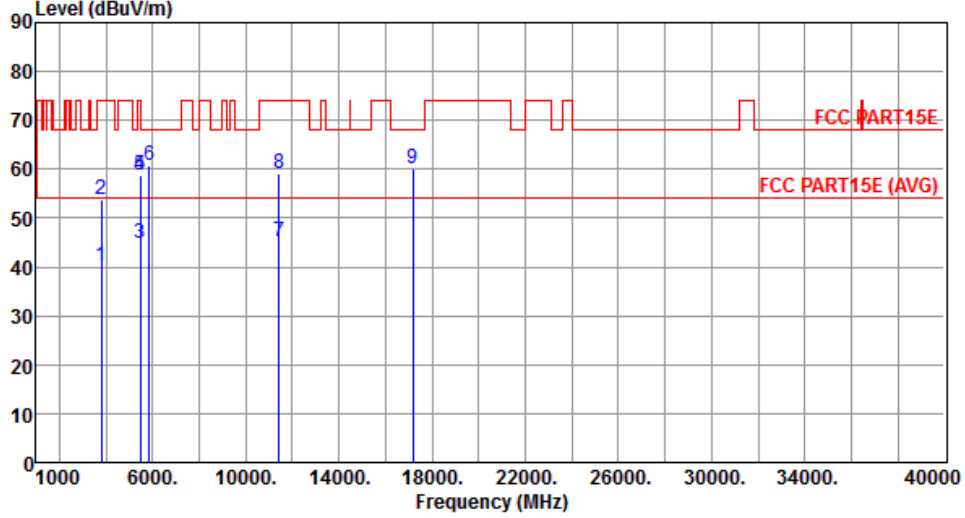
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	VHT20	Test Freq. (MHz)	5700
Polarization	Horizontal		
Level (dBuV/m) </			

Modulation	VHT20	Test Freq. (MHz)	5700
Polarization	Vertical		
Level (dBuV/m) </			

Modulation	VHT20	Test Freq. (MHz)	5720
Polarization	Horizontal		
Level (dBuV/m) </			

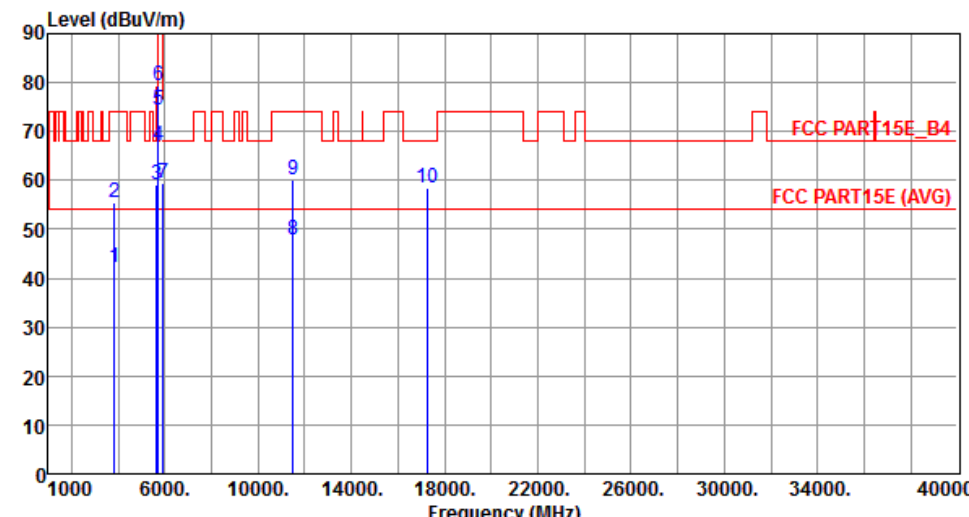
Modulation	VHT20	Test Freq. (MHz)	5720
Polarization	Vertical		



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	3813.33	40.32	54.00	-13.68	38.42	1.90	Average	110	333
2	3813.33	53.75	74.00	-20.25	51.85	1.90	Peak	110	333
3	5460.00	44.98	54.00	-9.02	39.52	5.46	Average	300	90
4	5460.00	58.92	74.00	-15.08	53.46	5.46	Peak	300	90
5	5470.00	58.91	68.20	-9.29	53.44	5.47	Peak	300	90
6	5850.00	60.74	68.20	-7.46	54.75	5.99	Peak	300	90
7	11440.00	45.11	54.00	-8.89	30.42	14.69	Average	100	260
8	11440.00	58.97	74.00	-15.03	44.28	14.69	Peak	100	260
9	17160.00	60.21	68.20	-7.99	43.45	16.76	Peak	100	248

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

Modulation	VHT20	Test Freq. (MHz)	5745
Polarization	Horizontal		



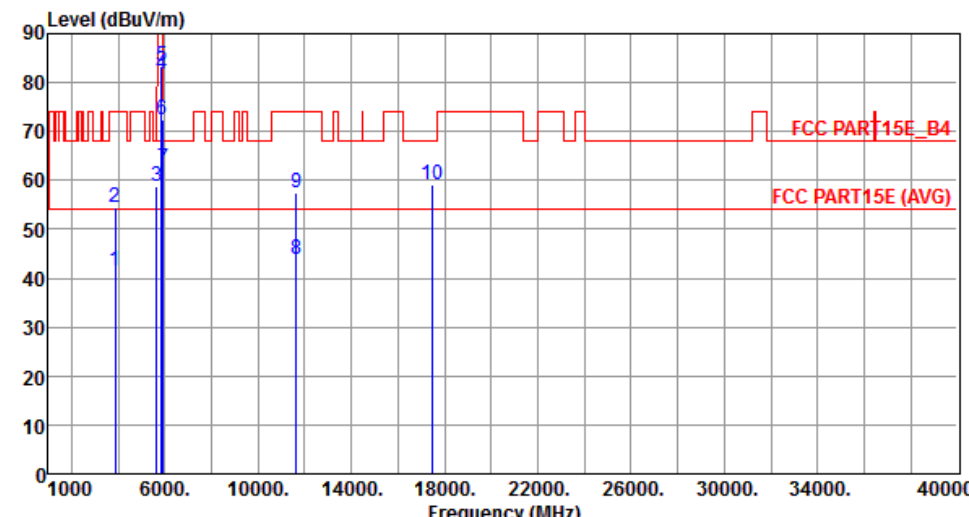
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	3830.00	42.26	54.00	-11.74	40.30	1.96	Average	201	330
2	3830.00	55.30	74.00	-18.70	53.34	1.96	Peak	201	330
3	5650.00	59.01	68.20	-9.19	53.32	5.69	Peak	150	61
4	5700.00	67.22	105.20	-37.98	61.45	5.77	Peak	150	61
5	5720.00	74.52	110.80	-36.28	68.73	5.79	Peak	150	61
6	5725.00	79.21	122.20	-42.99	73.40	5.81	Peak	150	61
7	5925.00	59.54	68.20	-8.66	53.45	6.09	Peak	150	61
8	11490.00	47.82	54.00	-6.18	33.09	14.73	Average	172	298
9	11490.00	60.14	74.00	-13.86	45.41	14.73	Peak	172	298
10	17235.00	58.33	68.20	-9.87	41.26	17.07	Peak	168	36

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

Modulation	VHT20	Test Freq. (MHz)	5785
Polarization	Horizontal		
Level (dBUV/m)			

Modulation	VHT20	Test Freq. (MHz)	5785
Polarization	Vertical		
Level (dBUV/m) <			

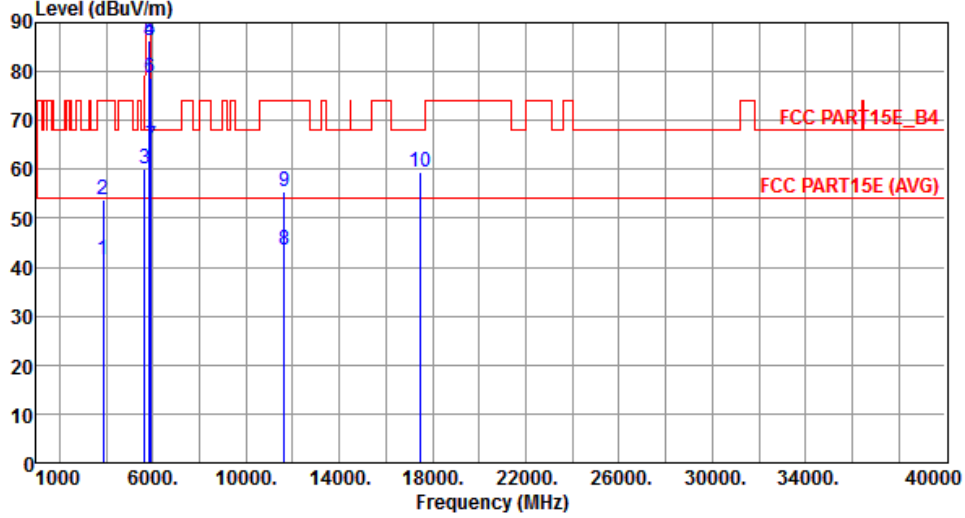
Modulation	VHT20	Test Freq. (MHz)	5825
Polarization	Horizontal		



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	3883.33	41.56	54.00	-12.44	39.42	2.14	Average	100	152
2	3883.33	54.52	74.00	-19.48	52.38	2.14	Peak	100	152
3	5650.00	58.65	68.20	-9.55	52.96	5.69	Peak	152	49
4	5850.00	81.64	122.20	-40.56	75.65	5.99	Peak	152	49
5	5855.00	83.24	110.80	-27.56	77.24	6.00	Peak	152	49
6	5875.00	72.44	105.20	-32.76	66.42	6.02	Peak	152	49
7	5925.00	62.50	68.20	-5.70	56.41	6.09	Peak	152	49
8	11650.00	43.92	54.00	-10.08	29.48	14.44	Average	171	301
9	11650.00	57.43	74.00	-16.57	42.99	14.44	Peak	171	301
10	17475.00	59.22	68.20	-8.98	41.18	18.04	Peak	100	156

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

Modulation	VHT20	Test Freq. (MHz)	5825
Polarization	Vertical		



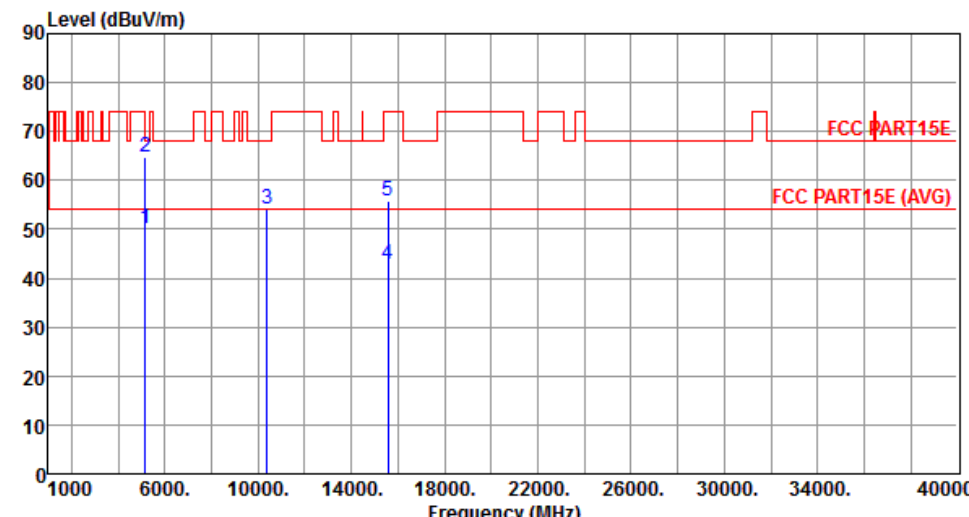
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	3883.33	41.41	54.00	-12.59	39.27	2.14	Average	161	348
2	3883.33	53.82	74.00	-20.18	51.68	2.14	Peak	161	348
3	5650.00	59.96	68.20	-8.24	54.27	5.69	Peak	292	91
4	5850.00	86.33	122.20	-35.87	80.34	5.99	Peak	292	91
5	5855.00	86.34	110.80	-24.46	80.34	6.00	Peak	292	91
6	5875.00	78.80	105.20	-26.40	72.78	6.02	Peak	292	91
7	5925.00	64.86	68.20	-3.34	58.77	6.09	Peak	292	91
8	11650.00	43.63	54.00	-10.37	29.19	14.44	Average	100	254
9	11650.00	55.32	74.00	-18.68	40.88	14.44	Peak	100	254
10	17475.00	59.51	68.20	-8.69	41.47	18.04	Peak	100	138

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

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

Modulation	VHT40	Test Freq. (MHz)	5190
Polarization	Horizontal		
Level (dBuV/m)			

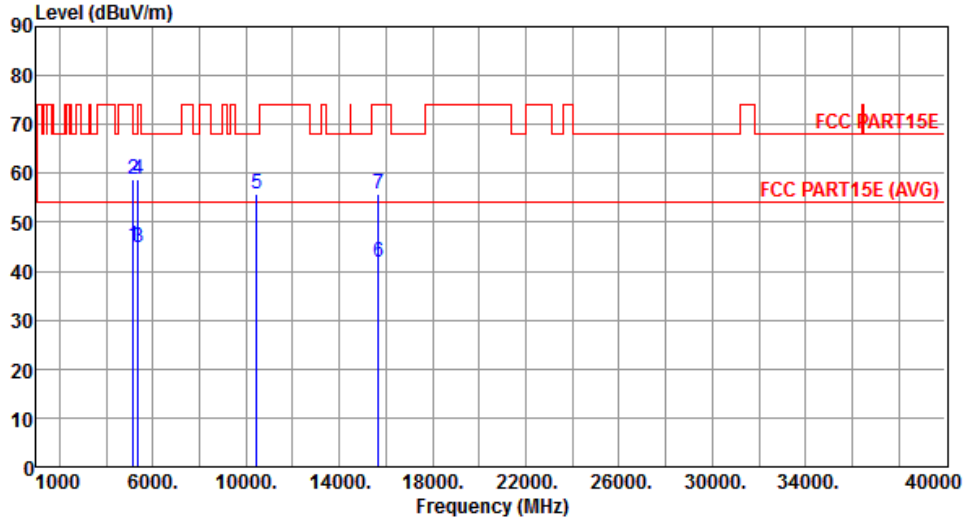
Modulation	VHT40	Test Freq. (MHz)	5190
Polarization	Vertical		



	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	50.02	54.00	-3.98	45.00	5.02	Average	259	92
2	5150.00	64.84	74.00	-9.16	59.82	5.02	Peak	259	92
3	10380.00	54.09	68.20	-14.11	40.34	13.75	Peak	134	356
4	15570.00	42.77	54.00	-11.23	27.81	14.96	Average	162	336
5	15570.00	55.63	74.00	-18.37	40.67	14.96	Peak	162	336

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

Modulation	VHT40	Test Freq. (MHz)	5230
Polarization	Horizontal		



	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	45.32	54.00	-8.68	40.30	5.02	Average	140	322
2	5150.00	58.93	74.00	-15.07	53.91	5.02	Peak	140	322
3	5350.00	44.71	54.00	-9.29	39.40	5.31	Average	140	322
4	5350.00	58.71	74.00	-15.29	53.40	5.31	Peak	140	322
5	10460.00	55.67	68.20	-12.53	41.88	13.79	Peak	100	321
6	15690.00	41.76	54.00	-12.24	26.84	14.92	Average	100	342
7	15690.00	55.69	74.00	-18.31	40.77	14.92	Peak	100	342

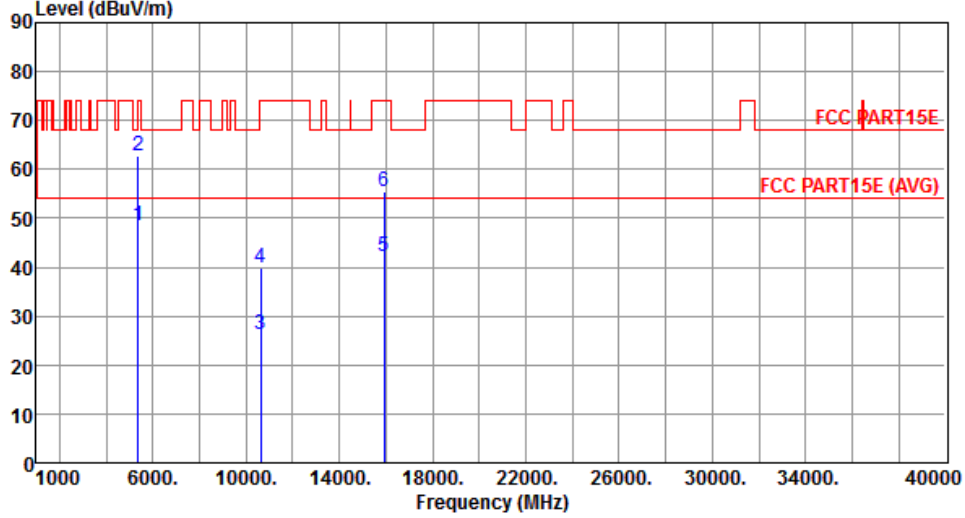
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	VHT40	Test Freq. (MHz)	5230
Polarization	Vertical		
Level (dBuV/m) <			

Modulation	VHT40	Test Freq. (MHz)	5270
Polarization	Horizontal		
Level (dBuV/m) </			

Modulation	VHT40	Test Freq. (MHz)	5310
Polarization	Horizontal		
Level (dBuV/m)			

Modulation	VHT40	Test Freq. (MHz)	5310
Polarization	Vertical		

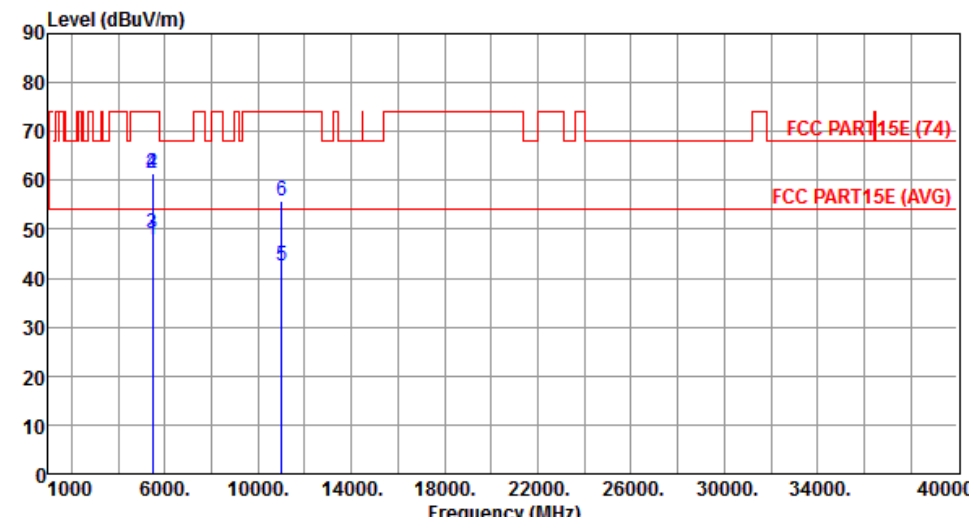


	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	48.52	54.00	-5.48	43.21	5.31	Average	260	90
2	5350.00	62.77	74.00	-11.23	57.46	5.31	Peak	260	90
3	10620.00	26.38	54.00	-27.62	12.45	13.93	Average	130	351
4	10620.00	39.71	74.00	-34.29	25.78	13.93	Peak	130	351
5	15930.00	42.32	54.00	-11.68	27.50	14.82	Average	159	332
6	15930.00	55.34	74.00	-18.66	40.52	14.82	Peak	159	332

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

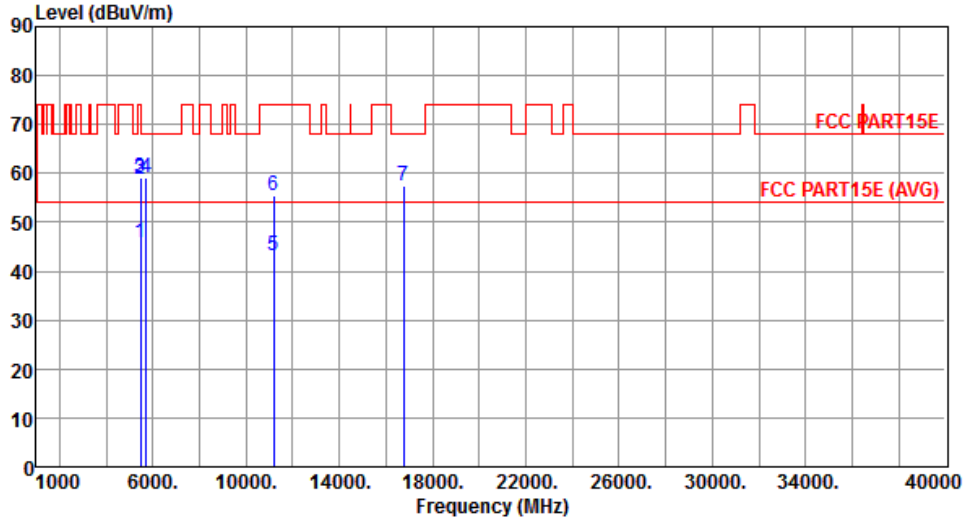
Modulation	VHT40	Test Freq. (MHz)	5510
Polarization	Vertical		



	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	47.73	54.00	-6.27	42.27	5.46	Average	305	91
2	5460.00	61.38	74.00	-12.62	55.92	5.46	Peak	305	91
3	5470.00	49.12	54.00	-4.88	43.65	5.47	Average	305	91
4	5470.00	61.49	74.00	-12.51	56.02	5.47	Peak	305	91
5	11020.00	42.55	54.00	-11.45	28.23	14.32	Average	100	242
6	11020.00	55.88	74.00	-18.12	41.56	14.32	Peak	100	242

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

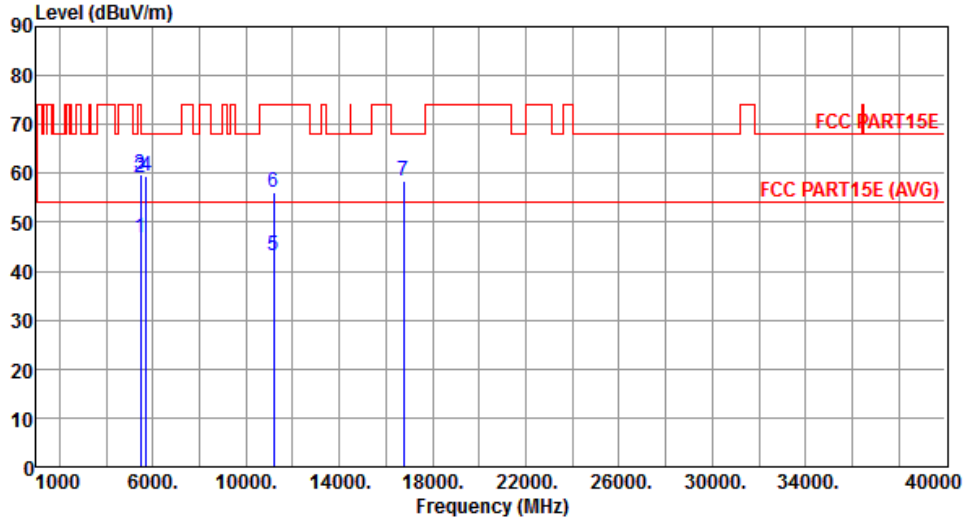
Modulation	VHT40	Test Freq. (MHz)	5590
Polarization	Horizontal		



	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	45.68	54.00	-8.32	40.22	5.46	Average	161	53
2	5460.00	58.90	74.00	-15.10	53.44	5.46	Peak	161	53
3	5470.00	59.24	68.20	-8.96	53.77	5.47	Peak	161	53
4	5725.00	59.25	68.20	-8.95	53.44	5.81	Peak	161	53
5	11180.00	43.01	54.00	-10.99	28.55	14.46	Average	200	18
6	11180.00	55.51	74.00	-18.49	41.05	14.46	Peak	200	18
7	16770.00	57.52	68.20	-10.68	41.54	15.98	Peak	100	325

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

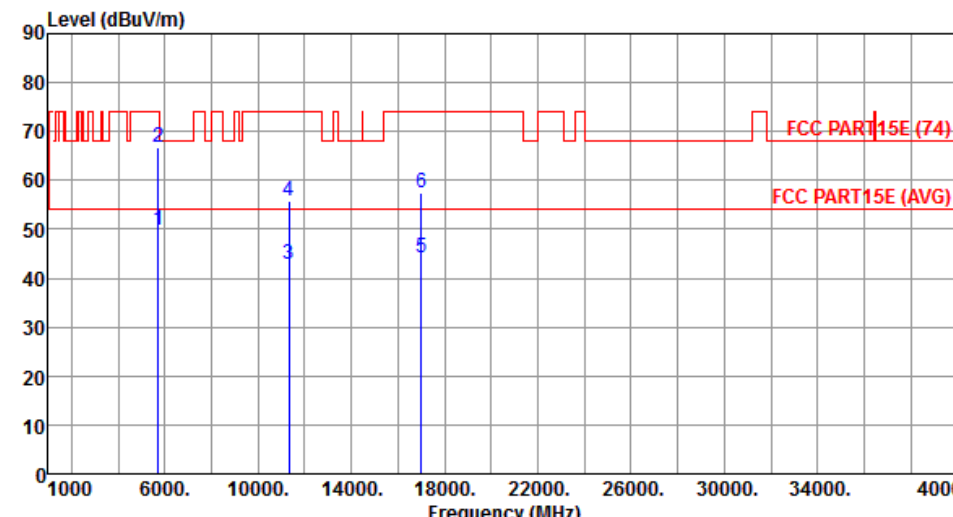
Modulation	VHT40	Test Freq. (MHz)	5590
Polarization	Vertical		



	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	46.81	54.00	-7.19	41.35	5.46	Average	302	90
2	5460.00	59.23	74.00	-14.77	53.77	5.46	Peak	302	90
3	5470.00	59.72	68.20	-8.48	54.25	5.47	Peak	302	90
4	5725.00	59.56	68.20	-8.64	53.75	5.81	Peak	302	90
5	11180.00	43.02	54.00	-10.98	28.56	14.46	Average	100	241
6	11180.00	55.99	74.00	-18.01	41.53	14.46	Peak	100	241
7	16770.00	58.51	68.20	-9.69	42.53	15.98	Peak	100	165

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

Modulation	VHT40	Test Freq. (MHz)	5670
Polarization	Horizontal		



	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	49.83	54.00	-4.17	44.02	5.81	Average	161	52
2	5725.00	66.89	74.00	-7.11	61.08	5.81	Peak	161	52
3	11340.00	42.84	54.00	-11.16	28.24	14.60	Average	192	40
4	11340.00	55.65	74.00	-18.35	41.05	14.60	Peak	192	40
5	17010.00	44.27	54.00	-9.73	28.12	16.15	Average	100	305
6	17010.00	57.40	74.00	-16.60	41.25	16.15	Peak	100	305

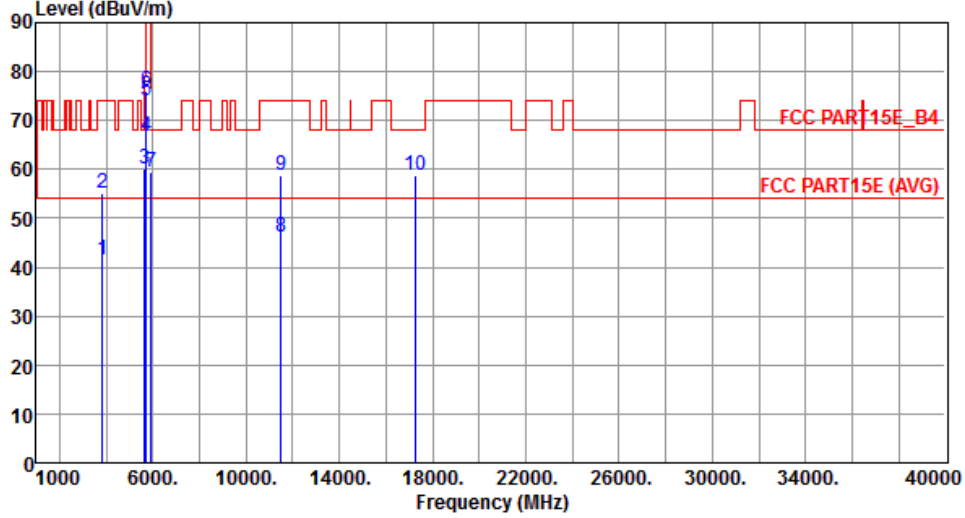
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	VHT40	Test Freq. (MHz)	5670
Polarization	Vertical		
Level (dBuV/m)			

Modulation	VHT40	Test Freq. (MHz)	5710
Polarization	Horizontal		
Level (dBuV/m) <			

Modulation	VHT40	Test Freq. (MHz)	5710
Polarization	Vertical		
Level (dBuV/m) <			

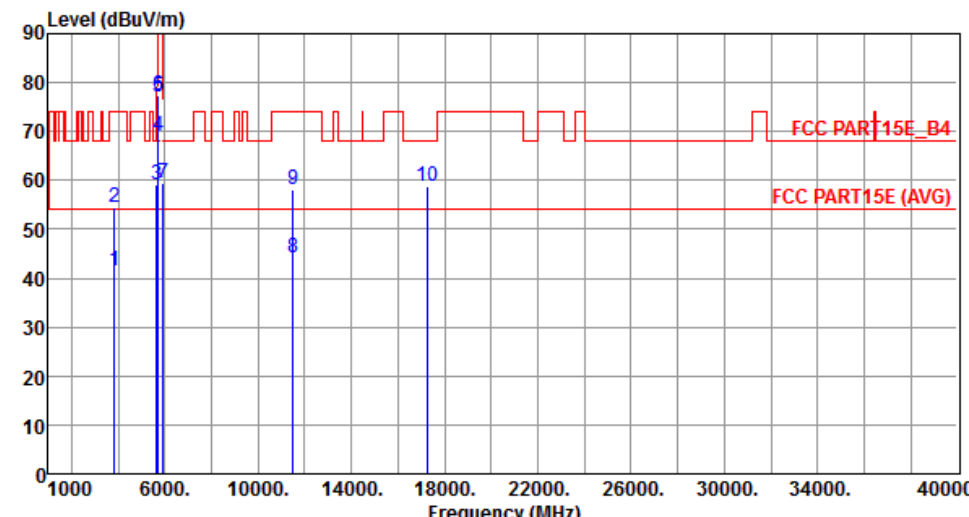
Modulation	VHT40	Test Freq. (MHz)	5755
Polarization	Horizontal		



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	3836.66	41.54	54.00	-12.46	39.56	1.98	Average	202	330
2	3836.66	55.09	74.00	-18.91	53.11	1.98	Peak	202	330
3	5650.00	60.24	68.20	-7.96	54.55	5.69	Peak	165	56
4	5700.00	66.89	105.20	-38.31	61.12	5.77	Peak	165	56
5	5720.00	74.11	110.80	-36.69	68.32	5.79	Peak	165	56
6	5725.00	76.20	122.20	-46.00	70.39	5.81	Peak	165	56
7	5925.00	59.46	68.20	-8.74	53.37	6.09	Peak	165	56
8	11510.00	46.25	54.00	-7.75	31.53	14.72	Average	168	300
9	11510.00	58.93	74.00	-15.07	44.21	14.72	Peak	168	300
10	17265.00	58.63	68.20	-9.57	41.46	17.17	Peak	172	30

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

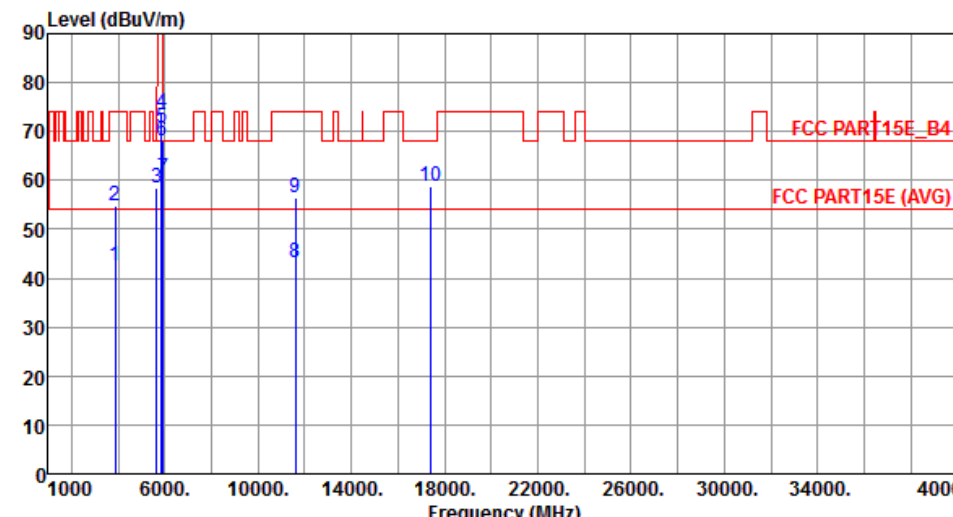
Modulation	VHT40	Test Freq. (MHz)	5755
Polarization	Vertical		



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	3836.66	41.51	54.00	-12.49	39.53	1.98	Average	152	140
2	3836.66	54.46	74.00	-19.54	52.48	1.98	Peak	152	140
3	5650.00	59.22	68.20	-8.98	53.53	5.69	Peak	300	93
4	5700.00	69.24	105.20	-35.96	63.47	5.77	Peak	300	93
5	5720.00	77.03	110.80	-33.77	71.24	5.79	Peak	300	93
6	5725.00	77.46	122.20	-44.74	71.65	5.81	Peak	300	93
7	5925.00	59.39	68.20	-8.81	53.30	6.09	Peak	300	93
8	11510.00	44.15	54.00	-9.85	29.43	14.72	Average	181	335
9	11510.00	58.07	74.00	-15.93	43.35	14.72	Peak	181	335
10	17265.00	58.62	68.20	-9.58	41.45	17.17	Peak	175	322

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

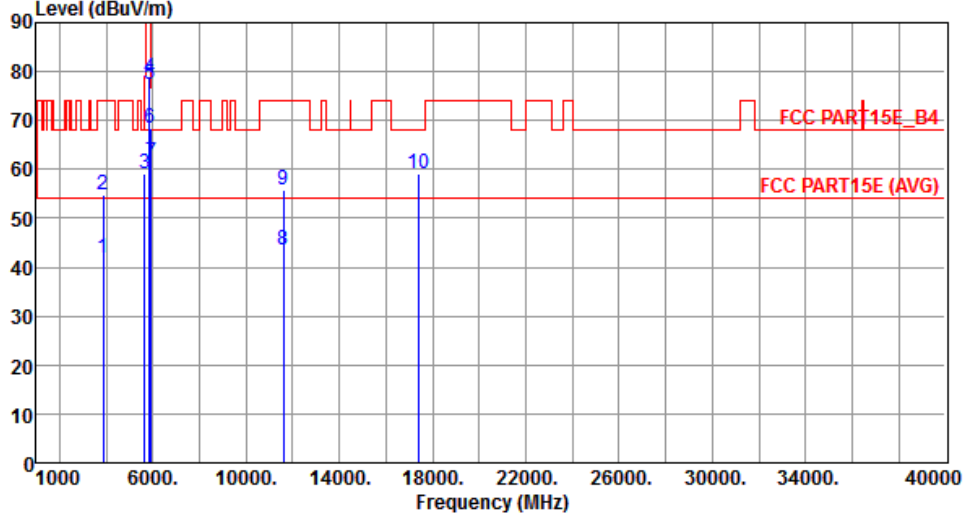
Modulation	VHT40	Test Freq. (MHz)	5795
Polarization	Horizontal		



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	3863.33	42.50	54.00	-11.50	40.43	2.07	Average	155	25
2	3863.33	54.82	74.00	-19.18	52.75	2.07	Peak	155	25
3	5650.00	58.46	68.20	-9.74	52.77	5.69	Peak	154	56
4	5850.00	73.78	122.20	-48.42	67.79	5.99	Peak	154	56
5	5855.00	70.63	110.80	-40.17	64.63	6.00	Peak	154	56
6	5875.00	68.21	105.20	-36.99	62.19	6.02	Peak	154	56
7	5925.00	60.29	68.20	-7.91	54.20	6.09	Peak	154	56
8	11590.00	43.12	54.00	-10.88	28.56	14.56	Average	100	244
9	11590.00	56.34	74.00	-17.66	41.78	14.56	Peak	100	244
10	17385.00	58.72	68.20	-9.48	41.05	17.67	Peak	100	165

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

Modulation	VHT40	Test Freq. (MHz)	5795
Polarization	Vertical		



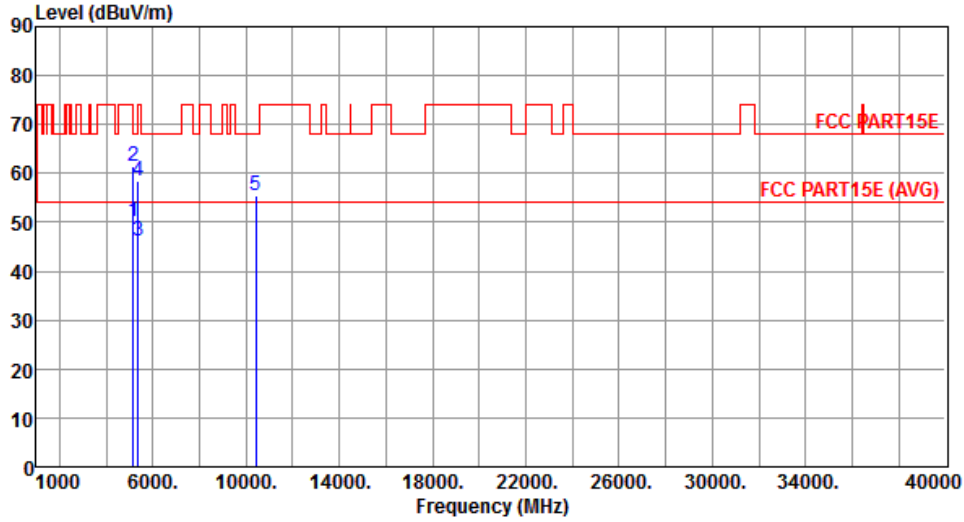
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	3863.33	41.79	54.00	-12.21	39.72	2.07	Average	100	170
2	3863.33	54.85	74.00	-19.15	52.78	2.07	Peak	100	170
3	5650.00	59.23	68.20	-8.97	53.54	5.69	Peak	289	91
4	5850.00	78.73	122.20	-43.47	72.74	5.99	Peak	289	91
5	5855.00	77.26	110.80	-33.54	71.26	6.00	Peak	289	91
6	5875.00	68.49	105.20	-36.71	62.47	6.02	Peak	289	91
7	5925.00	61.35	68.20	-6.85	55.26	6.09	Peak	289	91
8	11590.00	43.52	54.00	-10.48	28.96	14.56	Average	100	253
9	11590.00	55.93	74.00	-18.07	41.37	14.56	Peak	100	253
10	17385.00	59.11	68.20	-9.09	41.44	17.67	Peak	100	344

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

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

Modulation	VHT80	Test Freq. (MHz)	5210
Polarization	Horizontal		
Level (dBuV/m) <			

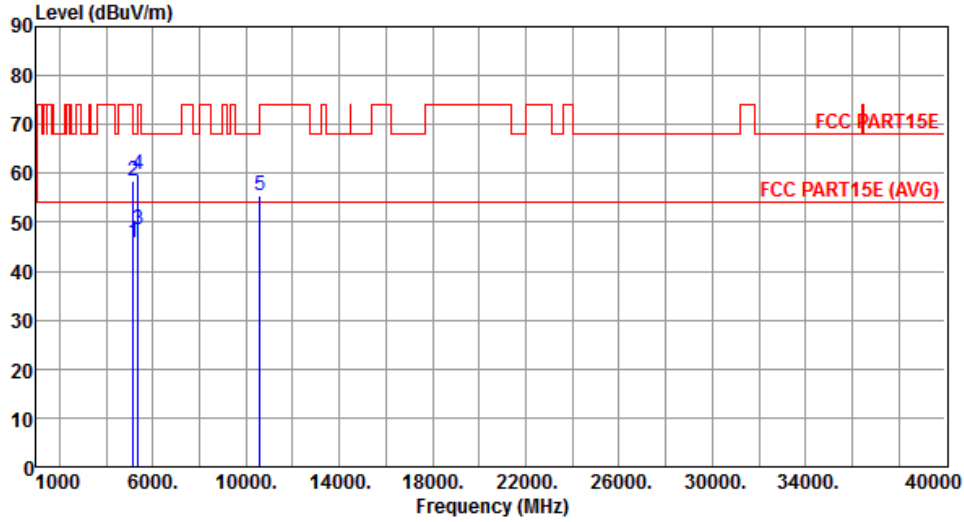
Modulation	VHT80	Test Freq. (MHz)	5210
Polarization	Vertical		



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	50.22	54.00	-3.78	45.20	5.02	Average	320	93
2	5150.00	61.48	74.00	-12.52	56.46	5.02	Peak	320	93
3	5350.00	46.04	54.00	-7.96	40.73	5.31	Average	320	93
4	5350.00	58.30	74.00	-15.70	52.99	5.31	Peak	320	93
5	10420.00	55.31	68.20	-12.89	41.53	13.78	Peak	100	196

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

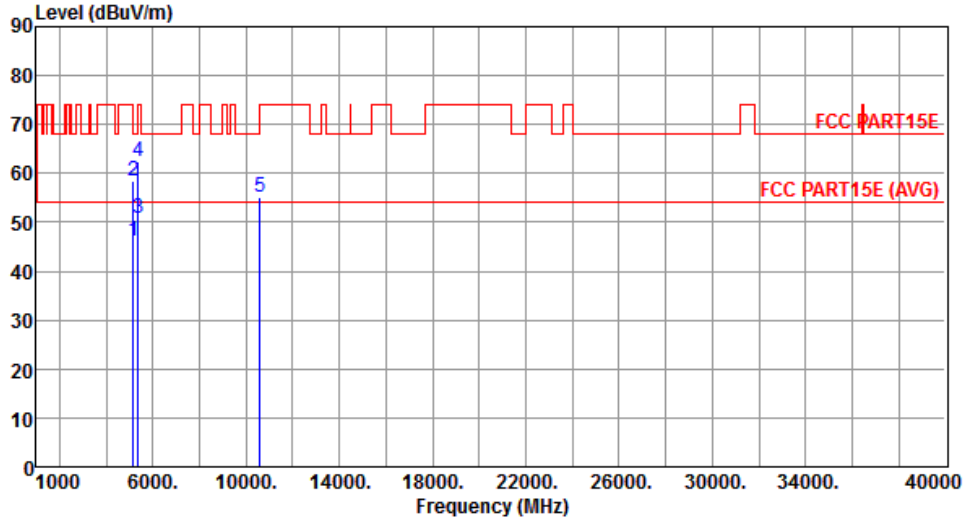
Modulation	VHT80	Test Freq. (MHz)	5290
Polarization	Horizontal		



	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	45.77	54.00	-8.23	40.75	5.02	Average	131	302
2	5150.00	58.59	74.00	-15.41	53.57	5.02	Peak	131	302
3	5350.00	48.61	54.00	-5.39	43.30	5.31	Average	131	302
4	5350.00	59.75	74.00	-14.25	54.44	5.31	Peak	131	302
5	10580.00	55.55	68.20	-12.65	41.65	13.90	Peak	100	177

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

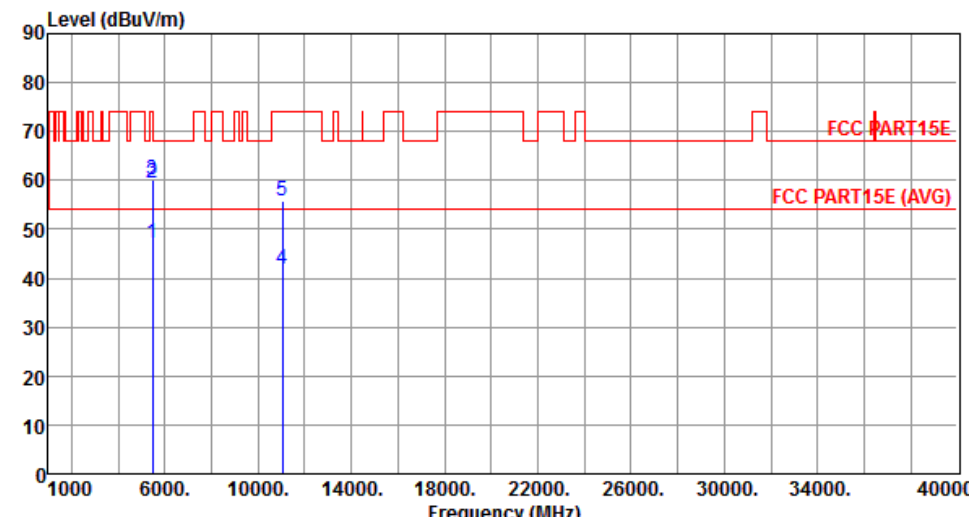
Modulation	VHT80	Test Freq. (MHz)	5290
Polarization	Vertical		



	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	46.10	54.00	-7.90	41.08	5.02	Average	253	93
2	5150.00	58.36	74.00	-15.64	53.34	5.02	Peak	253	93
3	5350.00	50.73	54.00	-3.27	45.42	5.31	Average	253	93
4	5350.00	62.51	74.00	-11.49	57.20	5.31	Peak	253	93
5	10580.00	55.21	68.20	-12.99	41.31	13.90	Peak	100	56

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

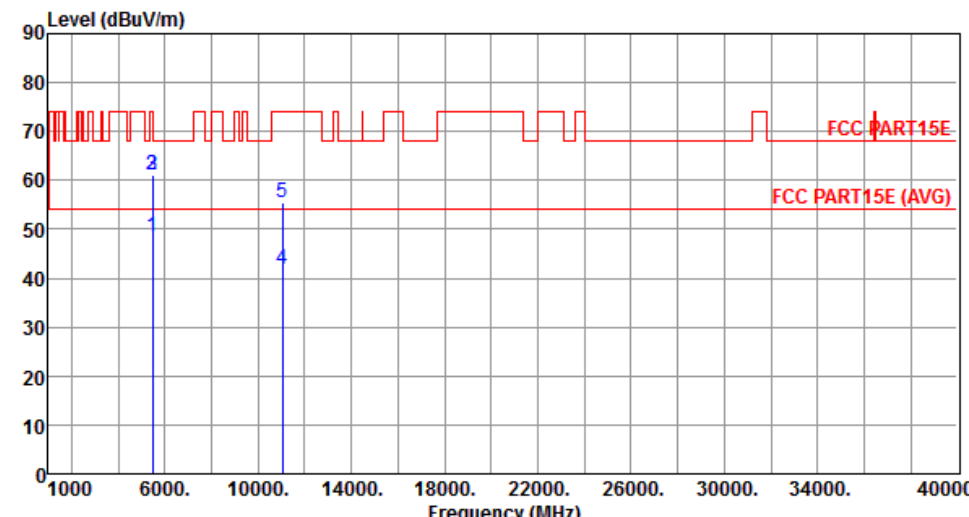
Modulation	VHT80	Test Freq. (MHz)	5530
Polarization	Horizontal		



	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	47.03	54.00	-6.97	41.57	5.46	Average	152	52
2	5460.00	59.32	74.00	-14.68	53.86	5.46	Peak	152	52
3	5470.00	60.25	68.20	-7.95	54.78	5.47	Peak	152	52
4	11060.00	41.91	54.00	-12.09	27.56	14.35	Average	100	137
5	11060.00	55.63	74.00	-18.37	41.28	14.35	Peak	100	137

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

Modulation	VHT80	Test Freq. (MHz)	5530
Polarization	Vertical		

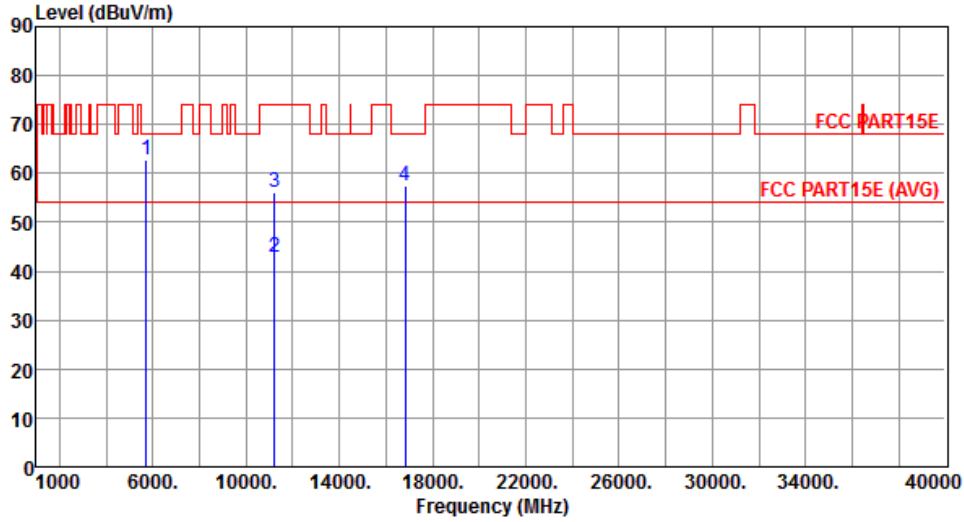


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	48.47	54.00	-5.53	43.01	5.46	Average	303	93
2	5460.00	61.04	74.00	-12.96	55.58	5.46	Peak	303	93
3	5470.00	61.19	68.20	-7.01	55.72	5.47	Peak	303	93
4	11060.00	41.91	54.00	-12.09	27.56	14.35	Average	100	236
5	11060.00	55.40	74.00	-18.60	41.05	14.35	Peak	100	236

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/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)	5610
Polarization	Horizontal		
Level (dBuV/m)			

Modulation	VHT80	Test Freq. (MHz)	5610
Polarization	Vertical		

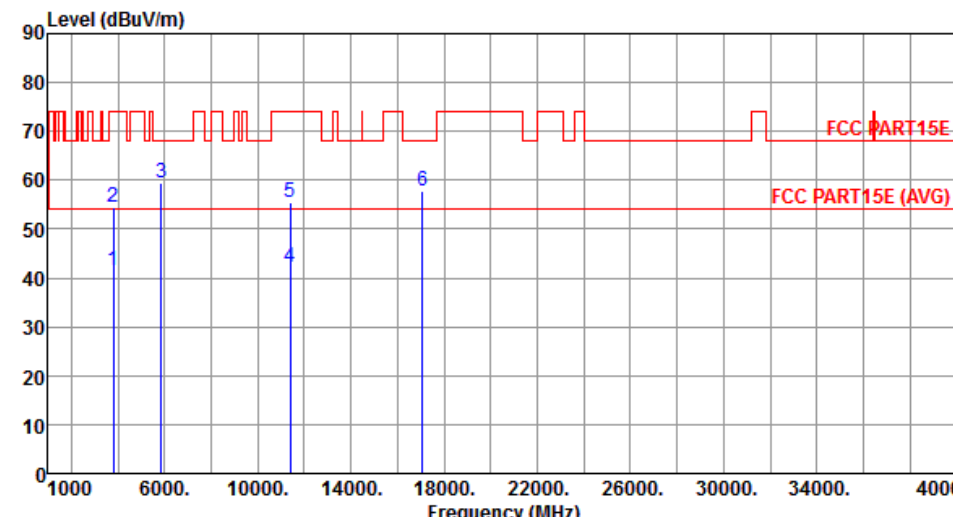


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5725.00	62.92	68.20	-5.28	57.11	5.81	Peak	294	93
2	11220.00	42.73	54.00	-11.27	28.24	14.49	Average	100	156
3	11220.00	56.02	74.00	-17.98	41.53	14.49	Peak	100	156
4	16830.00	57.46	68.20	-10.74	41.44	16.02	Peak	100	193

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

Modulation	VHT80	Test Freq. (MHz)	5690
Polarization	Horizontal		
Level (dBuV/m) <			

Modulation	VHT80	Test Freq. (MHz)	5690
Polarization	Vertical		

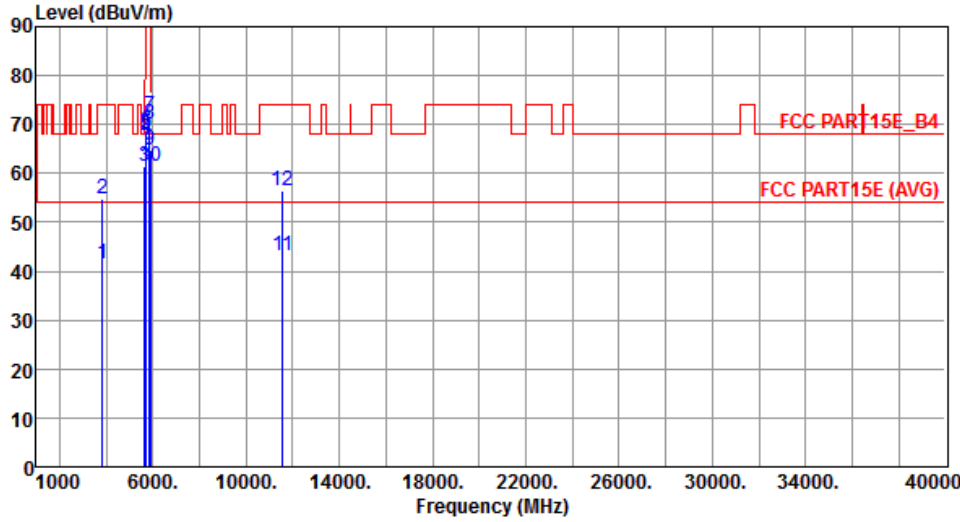


	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	3793.33	41.45	54.00	-12.55	39.61	1.84	Average	100	243
2	3793.33	54.44	74.00	-19.56	52.60	1.84	Peak	100	243
3	5850.00	59.30	68.20	-8.90	53.31	5.99	Peak	293	92
4	11380.00	42.31	54.00	-11.69	27.68	14.63	Average	100	148
5	11380.00	55.49	74.00	-18.51	40.86	14.63	Peak	100	148
6	17070.00	57.81	68.20	-10.39	41.42	16.39	Peak	100	199

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

Modulation	VHT80	Test Freq. (MHz)	5775
Polarization	Horizontal		
Level (dBuV/m)			

Modulation	VHT80	Test Freq. (MHz)	5775
Polarization	Vertical		



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	3850.00	41.46	54.00	-12.54	39.44	2.02	Average	100	174
2	3850.00	54.84	74.00	-19.16	52.82	2.02	Peak	100	174
3	5650.00	61.53	68.20	-6.67	55.84	5.69	Peak	296	93
4	5700.00	67.00	105.20	-38.20	61.23	5.77	Peak	296	93
5	5720.00	67.92	110.80	-42.88	62.13	5.79	Peak	296	93
6	5725.00	68.67	122.20	-53.53	62.86	5.81	Peak	296	93
7	5850.00	71.83	122.20	-50.37	65.84	5.99	Peak	296	93
8	5855.00	70.01	110.80	-40.79	64.01	6.00	Peak	296	93
9	5875.00	64.67	105.20	-40.53	58.65	6.02	Peak	296	93
10	5925.00	61.36	68.20	-6.84	55.27	6.09	Peak	296	93
11	11550.00	43.08	54.00	-10.92	28.44	14.64	Average	100	253
12	11550.00	56.32	74.00	-17.68	41.68	14.64	Peak	100	253

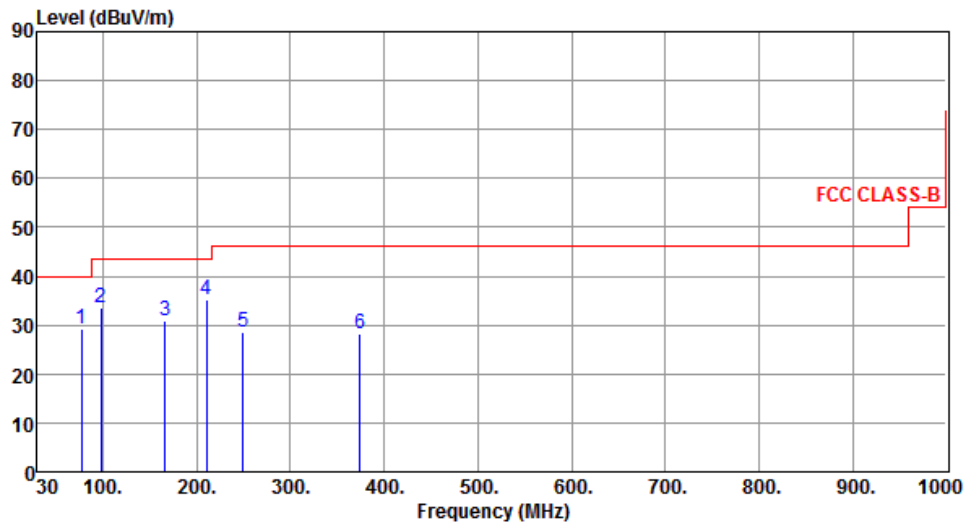
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Configuration 4 : Isolated Magnetic Dipole Antenna

3.5.19 Transmitter Radiated Unwanted Emissions (Below 1GHz)

Modulation	VHT20	Test Freq. (MHz)	5240
Polarization	Horizontal		
Level (dBuV/m) </			

Modulation	VHT20	Test Freq. (MHz)	5825
Polarization	Horizontal		



	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	77.46	29.31	40.00	-10.69	41.95	-12.64	Peak	---	---
2	97.82	33.52	43.50	-9.98	47.30	-13.78	Peak	---	---
3	166.76	30.72	43.50	-12.78	39.36	-8.64	Peak	---	---
4	210.62	35.25	43.50	-8.25	46.52	-11.27	Peak	---	---
5	249.30	28.47	46.00	-17.53	38.09	-9.62	Peak	---	---
6	374.42	28.21	46.00	-17.79	34.13	-5.92	Peak	---	---

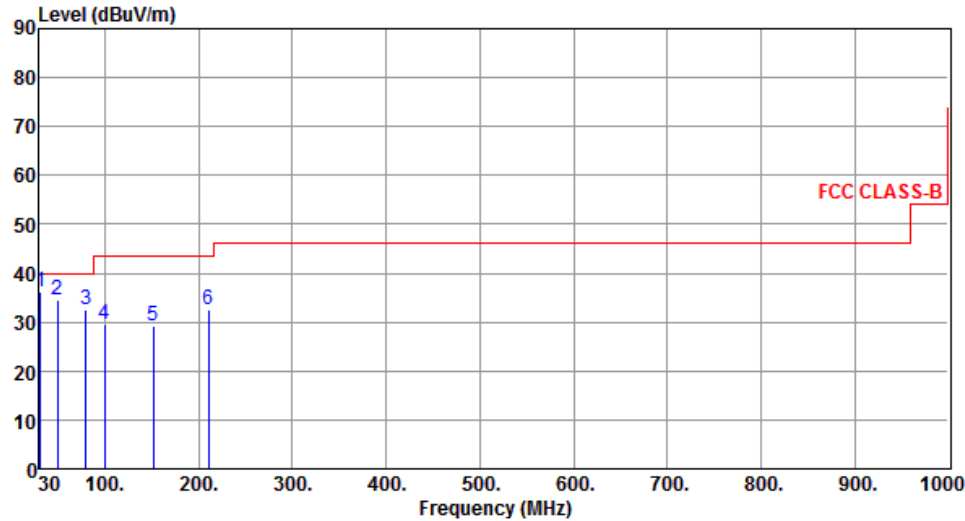
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

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

Modulation	VHT20	Test Freq. (MHz)	5825
Polarization	Vertical		



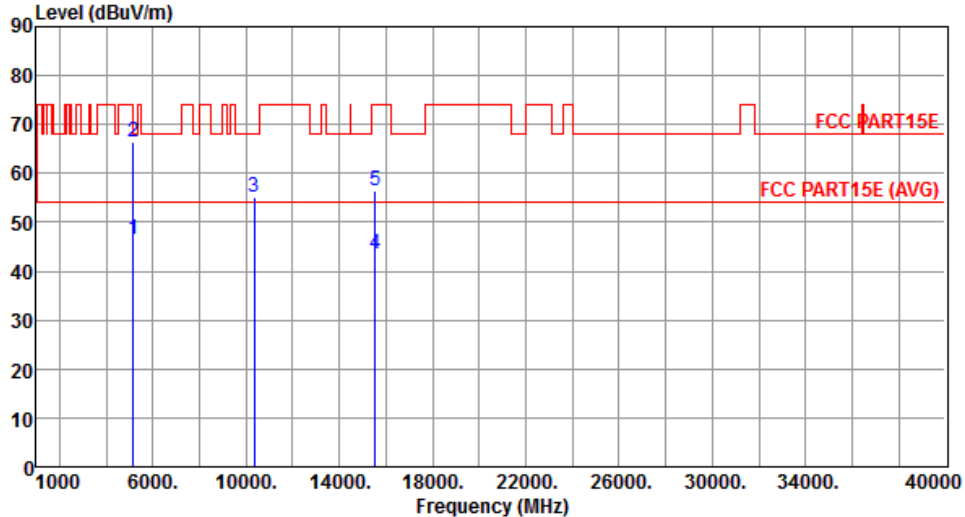
The graph displays the emission level in dBUV/m on the y-axis (0 to 90) against frequency in MHz on the x-axis (30 to 1000). A red line indicates the FCC CLASS-B limit, which is 40 dBUV/m from 30 to 100 MHz, 45 dBUV/m from 100 to 200 MHz, and 50 dBUV/m from 200 to 1000 MHz. Six blue vertical lines represent the measured emission levels at specific frequencies, labeled 2 through 6. The measured levels are approximately 36.25, 34.62, 32.44, 29.53, 29.31, and 32.43 dBUV/m respectively.

	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	30.85	36.25	40.00	-3.75	45.60	-9.35	Peak	---	---
2	49.42	34.62	40.00	-5.38	42.77	-8.15	Peak	---	---
3	79.52	32.44	40.00	-7.56	45.51	-13.07	Peak	---	---
4	99.72	29.53	43.50	-13.97	43.10	-13.57	Peak	---	---
5	151.53	29.31	43.50	-14.19	37.80	-8.49	Peak	---	---
6	210.36	32.43	43.50	-11.07	43.71	-11.28	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).
Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

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

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

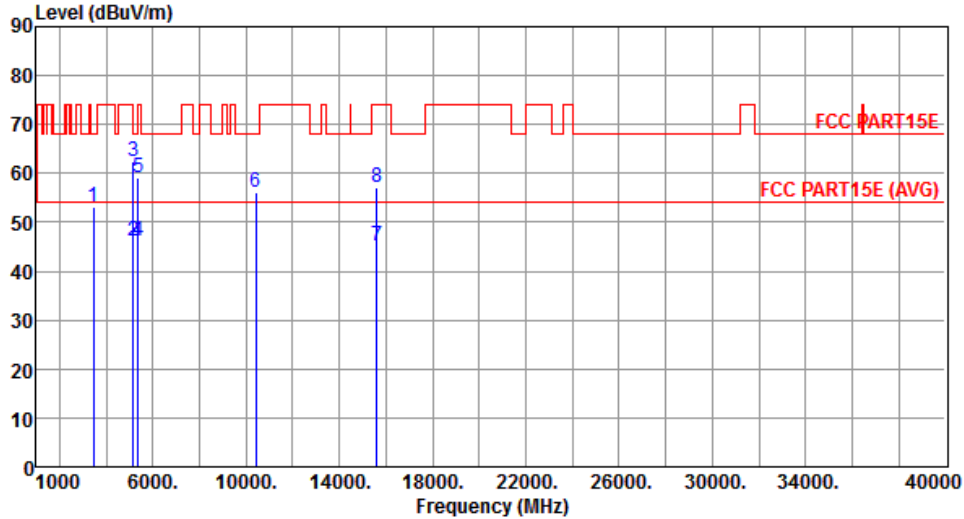


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	46.60	54.00	-7.40	41.58	5.02	Average	100	211
2	5150.00	66.31	74.00	-7.69	61.29	5.02	Peak	100	211
3	10360.00	54.97	68.20	-13.23	41.23	13.74	Peak	202	285
4	15540.00	43.39	54.00	-10.61	28.42	14.97	Average	144	302
5	15540.00	56.45	74.00	-17.55	41.48	14.97	Peak	144	302

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

Modulation	11a	Test Freq. (MHz)	5180
Polarization	Vertical		
 </			

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

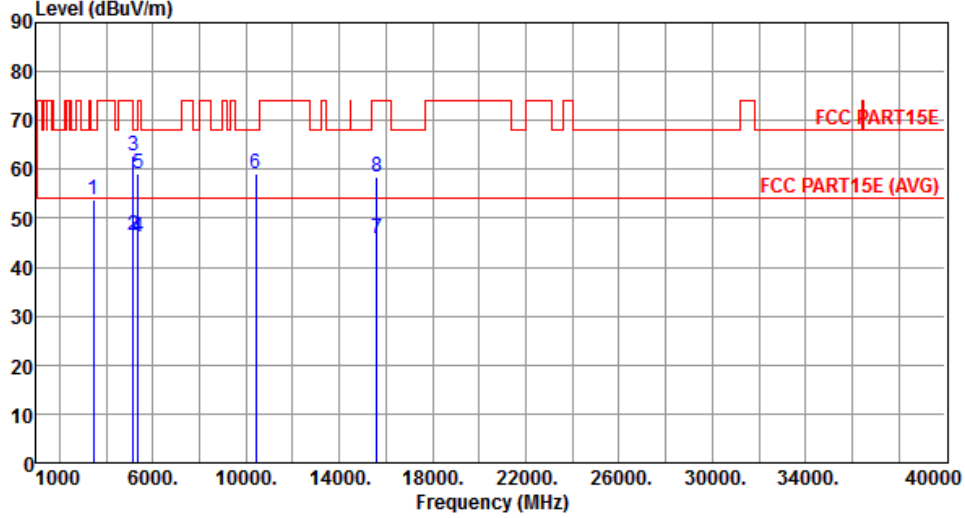


The graph displays the emission level in dBuV/m across a frequency range from 1000 to 40000 MHz. A red line represents the FCC PART15E limit, and a blue line represents the test results. The test results show several peaks, with the highest peak at 15600 MHz. The graph also includes a table of test results below it.

	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	3466.66	53.11	68.20	-15.09	52.25	0.86	Peak	100	166
2	5150.00	46.16	54.00	-7.84	41.14	5.02	Average	172	211
3	5150.00	62.30	74.00	-11.70	57.28	5.02	Peak	172	211
4	5350.00	46.13	54.00	-7.87	40.82	5.31	Average	172	211
5	5350.00	59.14	74.00	-14.86	53.83	5.31	Peak	172	211
6	10400.00	56.26	68.20	-11.94	42.49	13.77	Peak	206	287
7	15600.00	45.16	54.00	-8.84	30.22	14.94	Average	146	304
8	15600.00	57.28	74.00	-16.72	42.34	14.94	Peak	146	304

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

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



	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	3466.66	53.64	68.20	-14.56	52.78	0.86	Peak	100	156
2	5150.00	46.54	54.00	-7.46	41.52	5.02	Average	207	260
3	5150.00	62.81	74.00	-11.19	57.79	5.02	Peak	207	260
4	5350.00	46.22	54.00	-7.78	40.91	5.31	Average	207	260
5	5350.00	59.15	74.00	-14.85	53.84	5.31	Peak	207	260
6	10400.00	59.25	68.20	-8.95	45.48	13.77	Peak	100	145
7	15600.00	45.74	54.00	-8.26	30.80	14.94	Average	152	8
8	15600.00	58.40	74.00	-15.60	43.46	14.94	Peak	152	8

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

Modulation	11a	Test Freq. (MHz)	5240
Polarization	Horizontal		
Level (dBuV/m) </			

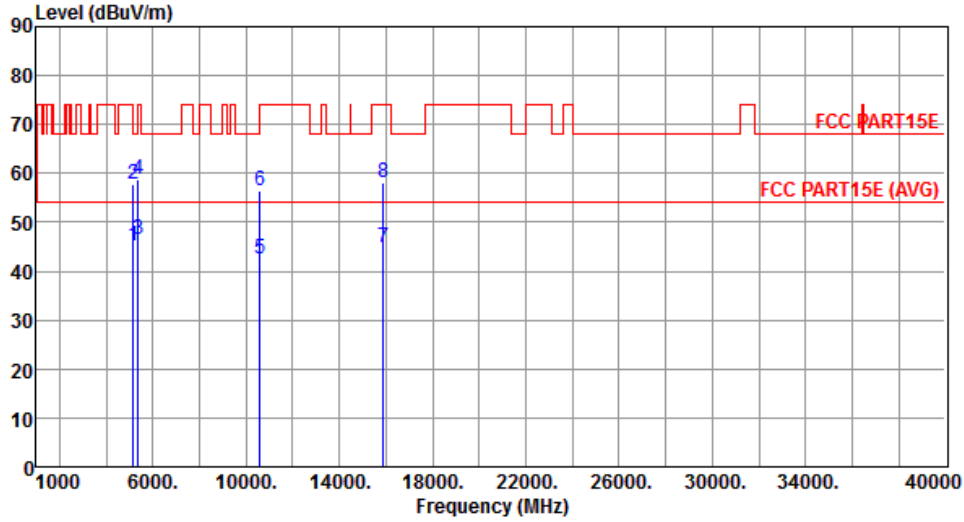
Modulation	11a	Test Freq. (MHz)	5240
Polarization	Vertical		
Level (dBuV/m)			

Modulation	11a	Test Freq. (MHz)	5260
Polarization	Horizontal		
Level (dBuV/m) </			

Modulation	11a	Test Freq. (MHz)	5260
Polarization	Vertical		
Level (dBuV/m) <			

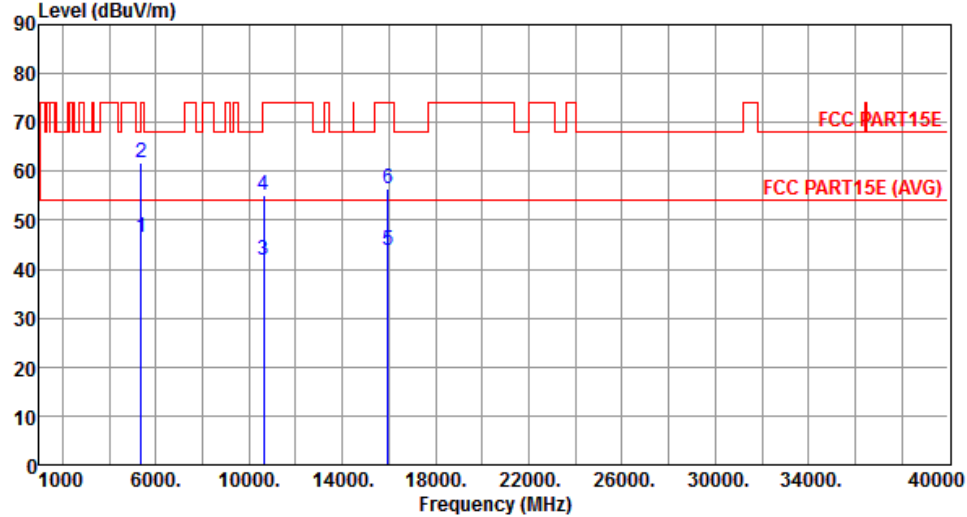
Modulation	11a	Test Freq. (MHz)	5300
Polarization	Horizontal		
Level (dBuV/m)			

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



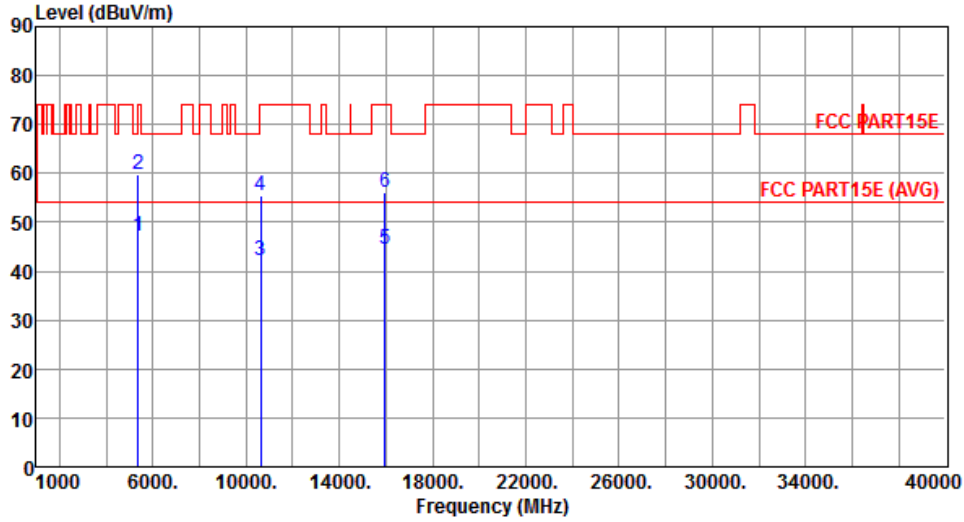
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	45.06	54.00	-8.94	40.04	5.02	Average	124	190
2	5150.00	57.68	74.00	-16.32	52.66	5.02	Peak	124	190
3	5350.00	46.38	54.00	-7.62	41.07	5.31	Average	124	190
4	5350.00	58.70	74.00	-15.30	53.39	5.31	Peak	124	190
5	10600.00	42.48	54.00	-11.52	28.56	13.92	Average	100	138
6	10600.00	56.62	74.00	-17.38	42.70	13.92	Peak	100	138
7	15900.00	44.88	54.00	-9.12	30.04	14.84	Average	100	4
8	15900.00	57.98	74.00	-16.02	43.14	14.84	Peak	100	4

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

Modulation	11a	Test Freq. (MHz)	5320						
Polarization	Horizontal								
									
	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	46.55	54.00	-7.45	41.24	5.31	Average	176	212
2	5350.00	61.62	74.00	-12.38	56.31	5.31	Peak	176	212
3	10640.00	41.97	54.00	-12.03	28.01	13.96	Average	182	45
4	10640.00	55.28	74.00	-18.72	41.32	13.96	Peak	182	45
5	15960.00	43.67	54.00	-10.33	28.86	14.81	Average	100	299
6	15960.00	56.43	74.00	-17.57	41.62	14.81	Peak	100	299

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



	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	47.10	54.00	-6.90	41.79	5.31	Average	124	189
2	5350.00	59.62	74.00	-14.38	54.31	5.31	Peak	124	189
3	10640.00	42.07	54.00	-11.93	28.11	13.96	Average	100	136
4	10640.00	55.52	74.00	-18.48	41.56	13.96	Peak	100	136
5	15960.00	44.36	54.00	-9.64	29.55	14.81	Average	100	2
6	15960.00	56.25	74.00	-17.75	41.44	14.81	Peak	100	2

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

Modulation	11a	Test Freq. (MHz)	5500
Polarization	Horizontal		
Level (dBuV/m) </			

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

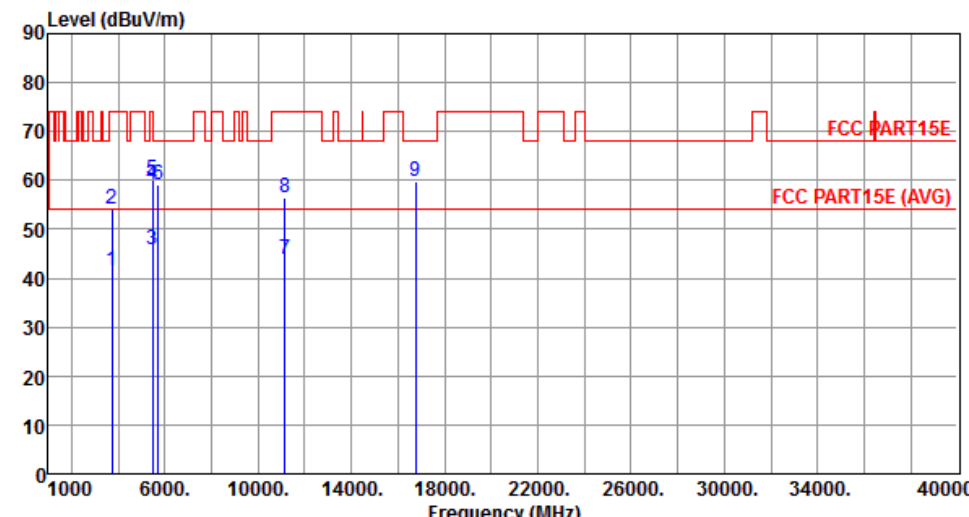
The graph displays the emission level in dBUV/m against frequency in MHz. The y-axis ranges from 0 to 90 dBUV/m, and the x-axis ranges from 1000 to 40000 MHz. A red line represents the FCC Part 15E (74) limit, and a horizontal red line represents the FCC Part 15E (AVG) limit at approximately 55 dBUV/m. Blue vertical lines indicate specific test frequencies: 5460 MHz (points 2, 3, 4), 11000 MHz (points 5, 6), and 16500 MHz (points 7, 8). The test results are summarized in the table below.

	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	46.40	54.00	-7.60	40.94	5.46	Average	192	279
2	5460.00	61.73	74.00	-12.27	56.27	5.46	Peak	192	279
3	5470.00	46.97	54.00	-7.03	41.50	5.47	Average	192	279
4	5470.00	66.47	74.00	-7.53	61.00	5.47	Peak	192	279
5	11000.00	42.86	54.00	-11.14	28.56	14.30	Average	165	17
6	11000.00	55.52	74.00	-18.48	41.22	14.30	Peak	165	17
7	16500.00	44.00	54.00	-10.00	28.16	15.84	Average	100	330
8	16500.00	58.51	74.00	-15.49	42.67	15.84	Peak	100	330

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

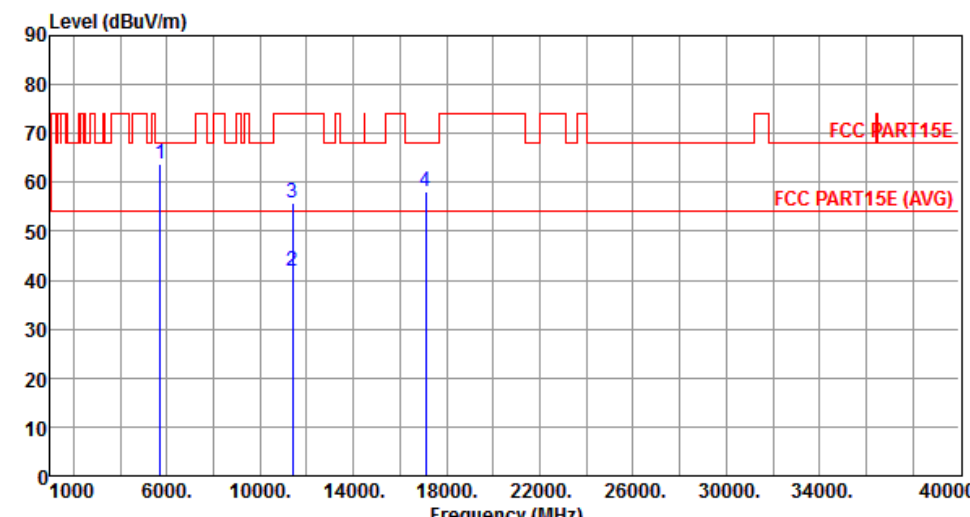
Modulation	11a	Test Freq. (MHz)	5580
Polarization	Horizontal		
Level (dBuV/m)			

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

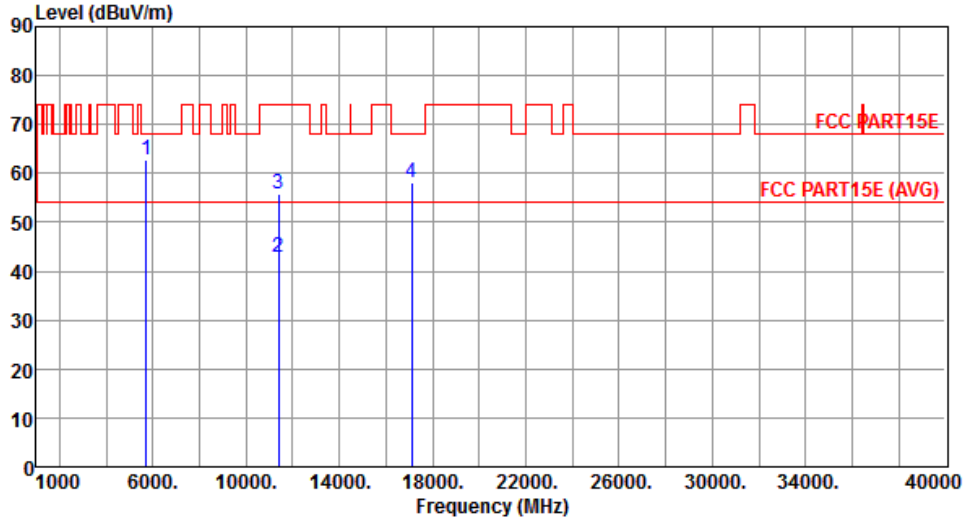


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	3720.00	41.59	54.00	-12.41	39.99	1.60	Average	100	165
2	3720.00	54.06	74.00	-19.94	52.46	1.60	Peak	100	165
3	5460.00	45.69	54.00	-8.31	40.23	5.46	Average	145	258
4	5460.00	59.01	74.00	-14.99	53.55	5.46	Peak	145	258
5	5470.00	60.15	68.20	-8.05	54.68	5.47	Peak	145	258
6	5725.00	59.26	68.20	-8.94	53.45	5.81	Peak	145	258
7	11160.00	43.87	54.00	-10.13	29.43	14.44	Average	168	18
8	11160.00	56.37	74.00	-17.63	41.93	14.44	Peak	168	18
9	16740.00	59.75	68.20	-8.45	43.78	15.97	Peak	123	327

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

Modulation	11a	Test Freq. (MHz)	5700																																																		
Polarization	Horizontal																																																				
 <table><thead><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>5725.00</td><td>63.78</td><td>68.20</td><td>-4.42</td><td>57.97</td><td>5.81</td><td>Peak</td><td>101</td><td>206</td></tr><tr><td>2</td><td>11400.00</td><td>42.00</td><td>54.00</td><td>-12.00</td><td>27.35</td><td>14.65</td><td>Average</td><td>162</td><td>25</td></tr><tr><td>3</td><td>11400.00</td><td>55.87</td><td>74.00</td><td>-18.13</td><td>41.22</td><td>14.65</td><td>Peak</td><td>162</td><td>25</td></tr><tr><td>4</td><td>17100.00</td><td>58.06</td><td>68.20</td><td>-10.14</td><td>41.55</td><td>16.51</td><td>Peak</td><td>100</td><td>145</td></tr></tbody></table> Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor* (dB) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).					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	63.78	68.20	-4.42	57.97	5.81	Peak	101	206	2	11400.00	42.00	54.00	-12.00	27.35	14.65	Average	162	25	3	11400.00	55.87	74.00	-18.13	41.22	14.65	Peak	162	25	4	17100.00	58.06	68.20	-10.14	41.55	16.51	Peak	100	145
	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	63.78	68.20	-4.42	57.97	5.81	Peak	101	206																																												
2	11400.00	42.00	54.00	-12.00	27.35	14.65	Average	162	25																																												
3	11400.00	55.87	74.00	-18.13	41.22	14.65	Peak	162	25																																												
4	17100.00	58.06	68.20	-10.14	41.55	16.51	Peak	100	145																																												

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



	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	62.92	68.20	-5.28	57.11	5.81	Peak	257	258
2	11400.00	42.77	54.00	-11.23	28.12	14.65	Average	165	15
3	11400.00	55.67	74.00	-18.33	41.02	14.65	Peak	165	15
4	17100.00	57.95	68.20	-10.25	41.44	16.51	Peak	115	326

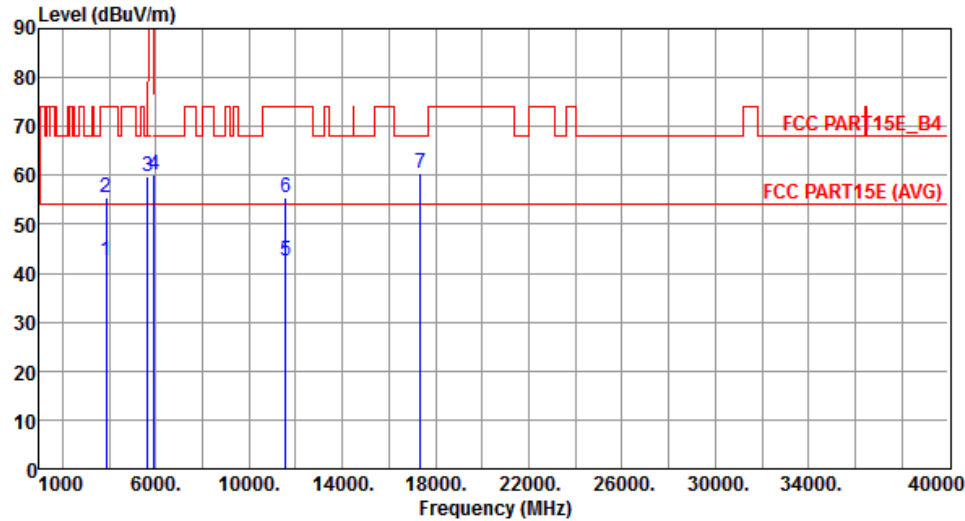
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	11a	Test Freq. (MHz)	5720
Polarization	Vertical		
Level (dBuV/m)			

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

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

Modulation	11a	Test Freq. (MHz)	5785
Polarization	Horizontal		
Level (dBuV/m)			

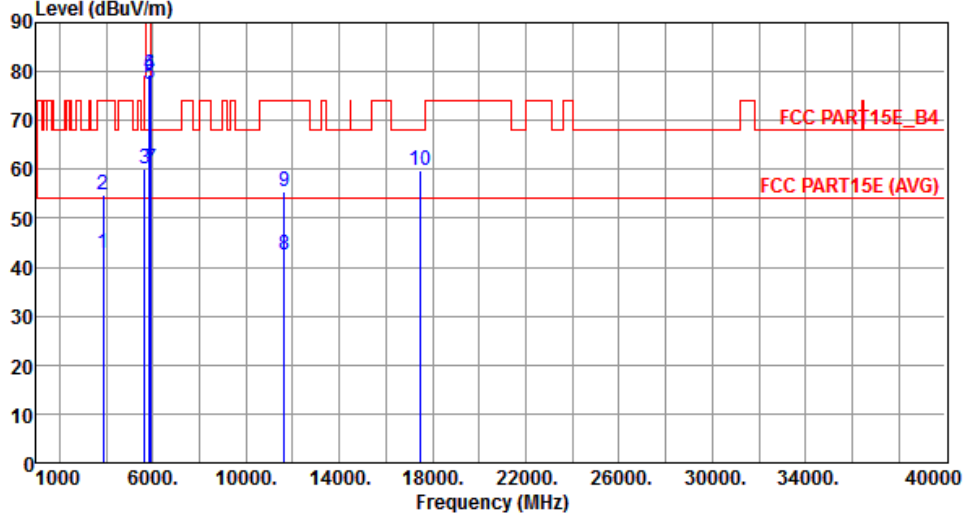
Modulation	11a	Test Freq. (MHz)	5785						
Polarization	Vertical								
									
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	3856.66	42.49	54.00	-11.51	40.44	2.05	Average	152	275
2	3856.66	55.43	74.00	-18.57	53.38	2.05	Peak	152	275
3	5650.00	59.78	68.20	-8.42	54.09	5.69	Peak	258	250
4	5925.00	60.06	68.20	-8.14	53.97	6.09	Peak	258	250
5	11570.00	42.56	54.00	-11.44	27.96	14.60	Average	100	271
6	11570.00	55.49	74.00	-18.51	40.89	14.60	Peak	100	271
7	17355.00	60.38	68.20	-7.82	42.83	17.55	Peak	100	2

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

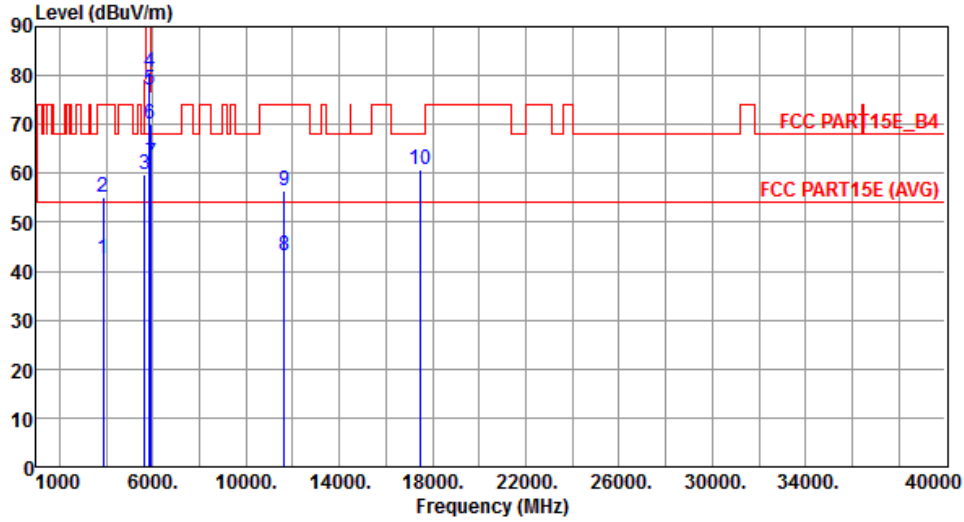
Modulation	11a	Test Freq. (MHz)	5825
Polarization	Horizontal		



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	3883.33	42.93	54.00	-11.07	40.79	2.14	Average	138	176
2	3883.33	54.85	74.00	-19.15	52.71	2.14	Peak	138	176
3	5650.00	60.06	68.20	-8.14	54.37	5.69	Peak	103	211
4	5850.00	79.39	122.20	-42.81	73.40	5.99	Peak	103	211
5	5855.00	77.31	110.80	-33.49	71.31	6.00	Peak	103	211
6	5875.00	79.41	105.20	-25.79	73.39	6.02	Peak	103	211
7	5925.00	60.01	68.20	-8.19	53.92	6.09	Peak	103	211
8	11650.00	42.40	54.00	-11.60	27.96	14.44	Average	100	45
9	11650.00	55.32	74.00	-18.68	40.88	14.44	Peak	100	45
10	17475.00	59.64	68.20	-8.56	41.60	18.04	Peak	100	288

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

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

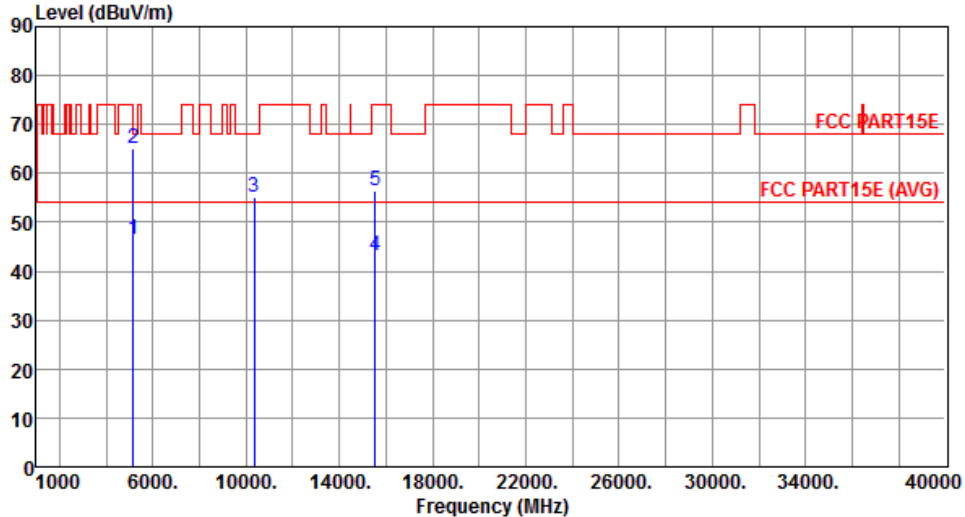


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	3883.33	42.60	54.00	-11.40	40.46	2.14	Average	153	288
2	3883.33	55.02	74.00	-18.98	52.88	2.14	Peak	153	288
3	5650.00	59.77	68.20	-8.43	54.08	5.69	Peak	270	260
4	5850.00	80.63	122.20	-41.57	74.64	5.99	Peak	270	260
5	5855.00	77.13	110.80	-33.67	71.13	6.00	Peak	270	260
6	5875.00	70.15	105.20	-35.05	64.13	6.02	Peak	270	260
7	5925.00	62.04	68.20	-6.16	55.95	6.09	Peak	270	260
8	11650.00	43.26	54.00	-10.74	28.82	14.44	Average	100	270
9	11650.00	56.55	74.00	-17.45	42.11	14.44	Peak	100	270
10	17475.00	60.82	68.20	-7.38	42.78	18.04	Peak	106	2

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

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

Modulation	VHT20	Test Freq. (MHz)	5180
Polarization	Horizontal		

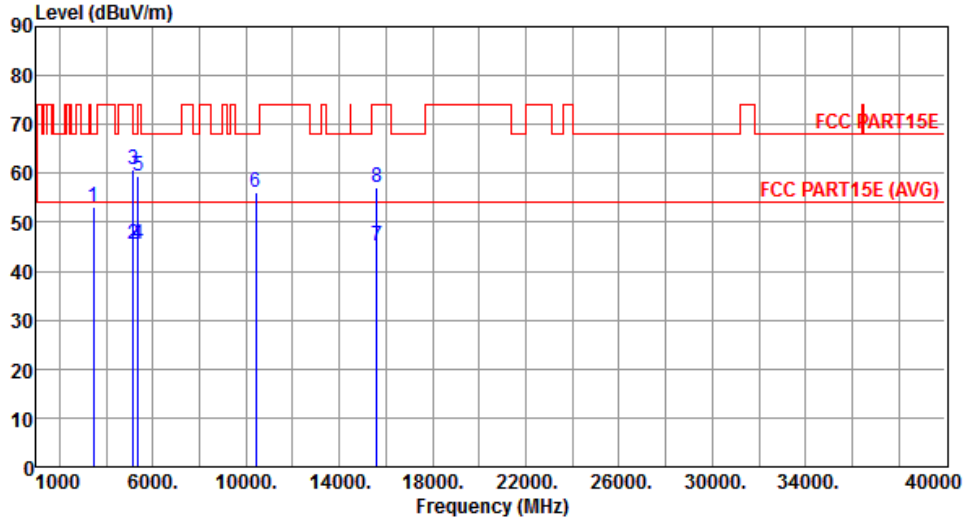


	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	46.43	54.00	-7.57	41.41	5.02	Average	100	210
2	5150.00	65.24	74.00	-8.76	60.22	5.02	Peak	100	210
3	10360.00	55.21	68.20	-12.99	41.47	13.74	Peak	196	296
4	15540.00	43.26	54.00	-10.74	28.29	14.97	Average	134	309
5	15540.00	56.39	74.00	-17.61	41.42	14.97	Peak	134	309

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

Modulation	VHT20	Test Freq. (MHz)	5180
Polarization	Vertical		
Level (dBuV/m) <			

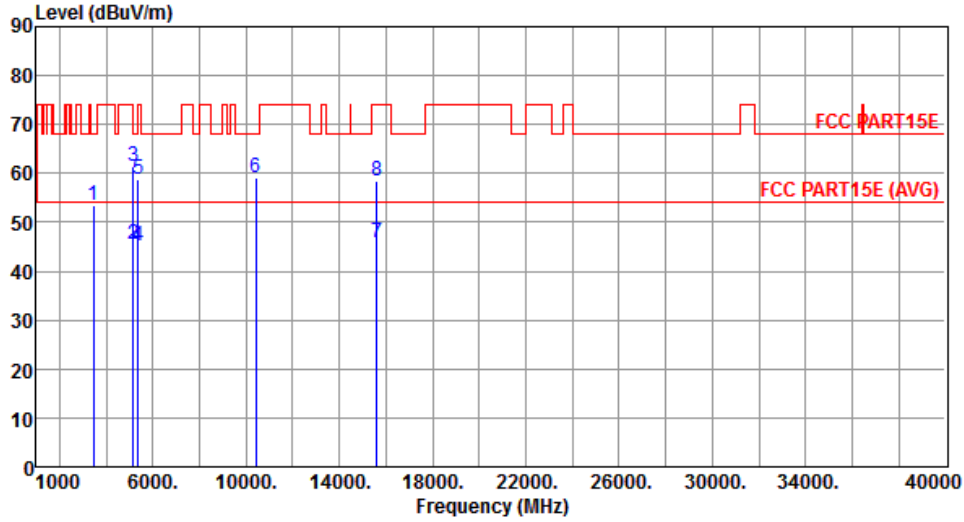
Modulation	VHT20	Test Freq. (MHz)	5200
Polarization	Horizontal		



	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	3466.66	53.03	68.20	-15.17	52.17	0.86	Peak	100	168
2	5150.00	45.39	54.00	-8.61	40.37	5.02	Average	151	220
3	5150.00	60.70	74.00	-13.30	55.68	5.02	Peak	151	220
4	5350.00	45.48	54.00	-8.52	40.17	5.31	Average	151	220
5	5350.00	59.42	74.00	-14.58	54.11	5.31	Peak	151	220
6	10400.00	56.14	68.20	-12.06	42.37	13.77	Peak	203	275
7	15600.00	45.03	54.00	-8.97	30.09	14.94	Average	141	311
8	15600.00	57.09	74.00	-16.91	42.15	14.94	Peak	141	311

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

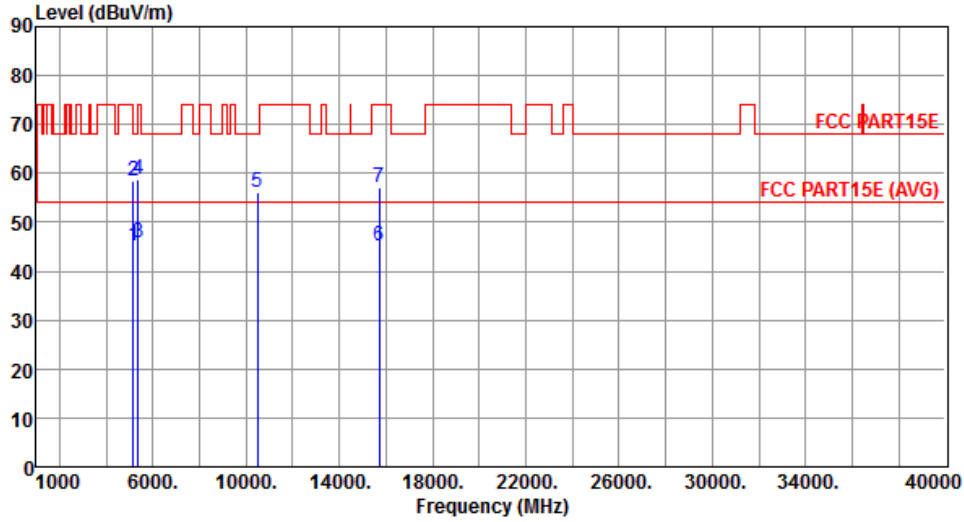
Modulation	VHT20	Test Freq. (MHz)	5200
Polarization	Vertical		



	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	3466.66	53.53	68.20	-14.67	52.67	0.86	Peak	100	153
2	5150.00	45.55	54.00	-8.45	40.53	5.02	Average	217	292
3	5150.00	61.40	74.00	-12.60	56.38	5.02	Peak	217	292
4	5350.00	45.33	54.00	-8.67	40.02	5.31	Average	217	292
5	5350.00	58.81	74.00	-15.19	53.50	5.31	Peak	217	292
6	10400.00	59.13	68.20	-9.07	45.36	13.77	Peak	100	142
7	15600.00	45.68	54.00	-8.32	30.74	14.94	Average	150	4
8	15600.00	58.51	74.00	-15.49	43.57	14.94	Peak	150	4

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

Modulation	VHT20	Test Freq. (MHz)	5240
Polarization	Horizontal		



	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	45.33	54.00	-8.67	40.31	5.02	Average	166	223
2	5150.00	58.29	74.00	-15.71	53.27	5.02	Peak	166	223
3	5350.00	45.93	54.00	-8.07	40.62	5.31	Average	166	223
4	5350.00	58.76	74.00	-15.24	53.45	5.31	Peak	166	223
5	10480.00	55.97	68.20	-12.23	42.16	13.81	Peak	201	297
6	15720.00	45.14	54.00	-8.86	30.23	14.91	Average	138	313
7	15720.00	57.28	74.00	-16.72	42.37	14.91	Peak	138	313

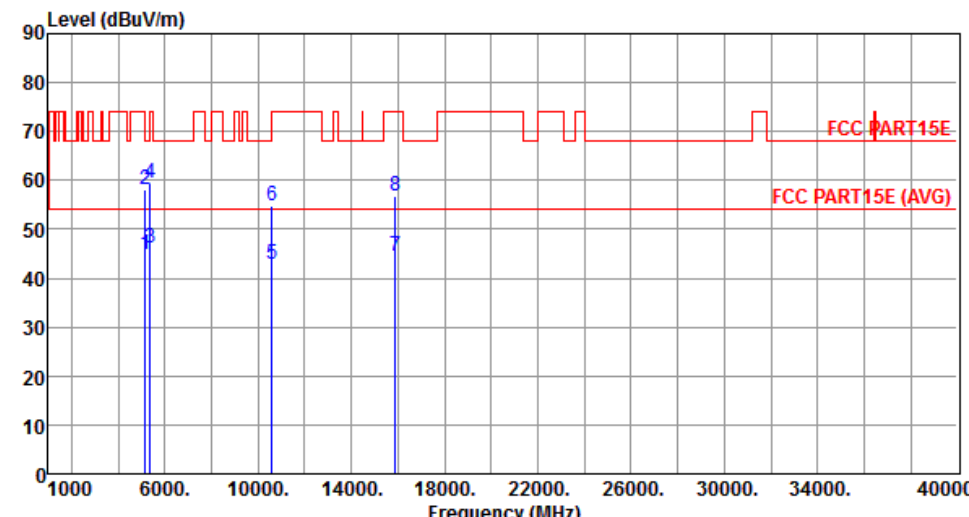
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	VHT20	Test Freq. (MHz)	5240
Polarization	Vertical		
Level (dBuV/m) <			

Modulation	VHT20	Test Freq. (MHz)	5260
Polarization	Horizontal		
Level (dBuV/m) <			

Modulation	VHT20	Test Freq. (MHz)	5260
Polarization	Vertical		
Level (dBuV/m) <			

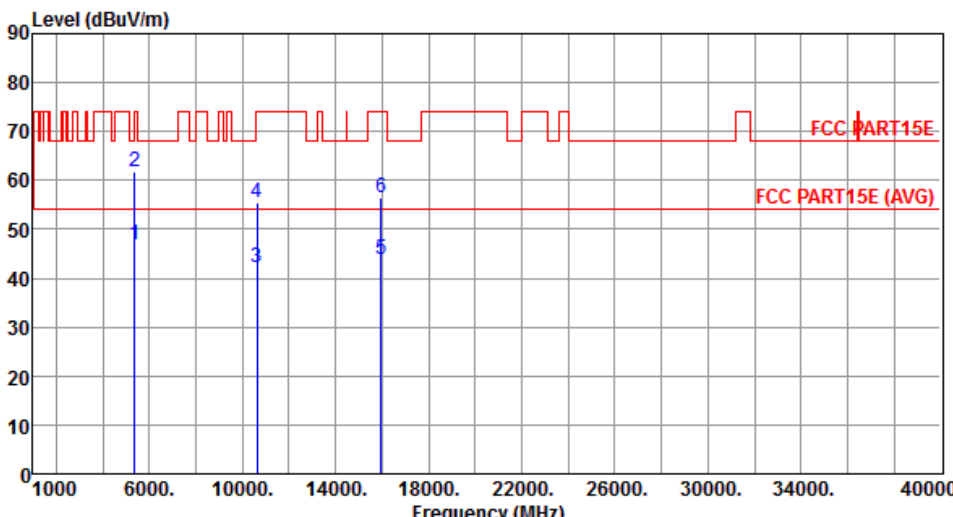
Modulation	VHT20	Test Freq. (MHz)	5300
Polarization	Horizontal		



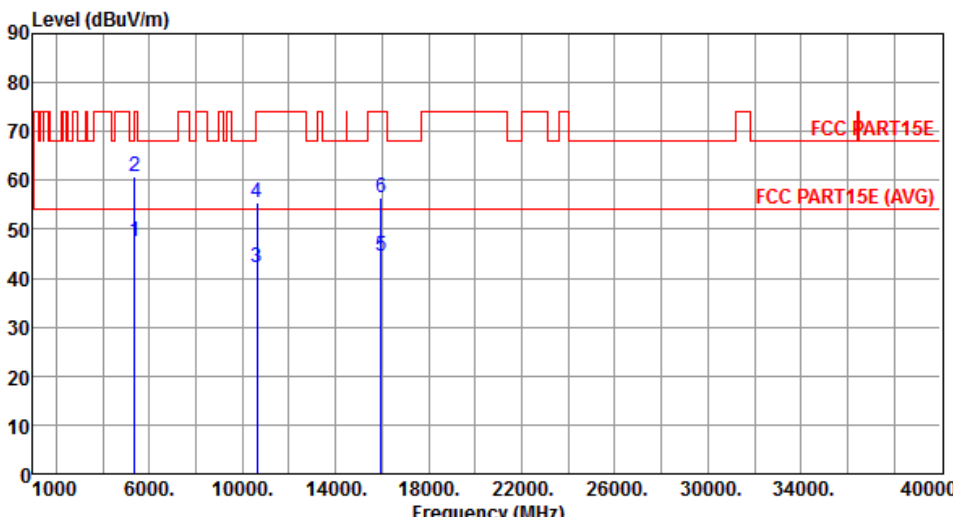
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	44.72	54.00	-9.28	39.70	5.02	Average	165	218
2	5150.00	58.14	74.00	-15.86	53.12	5.02	Peak	165	218
3	5350.00	46.14	54.00	-7.86	40.83	5.31	Average	165	218
4	5350.00	59.33	74.00	-14.67	54.02	5.31	Peak	165	218
5	10600.00	42.73	54.00	-11.27	28.81	13.92	Average	181	40
6	10600.00	54.94	74.00	-19.06	41.02	13.92	Peak	181	40
7	15900.00	44.63	54.00	-9.37	29.79	14.84	Average	100	278
8	15900.00	56.88	74.00	-17.12	42.04	14.84	Peak	100	278

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

Modulation	VHT20	Test Freq. (MHz)	5300
Polarization	Vertical		
Level (dBuV/m)			

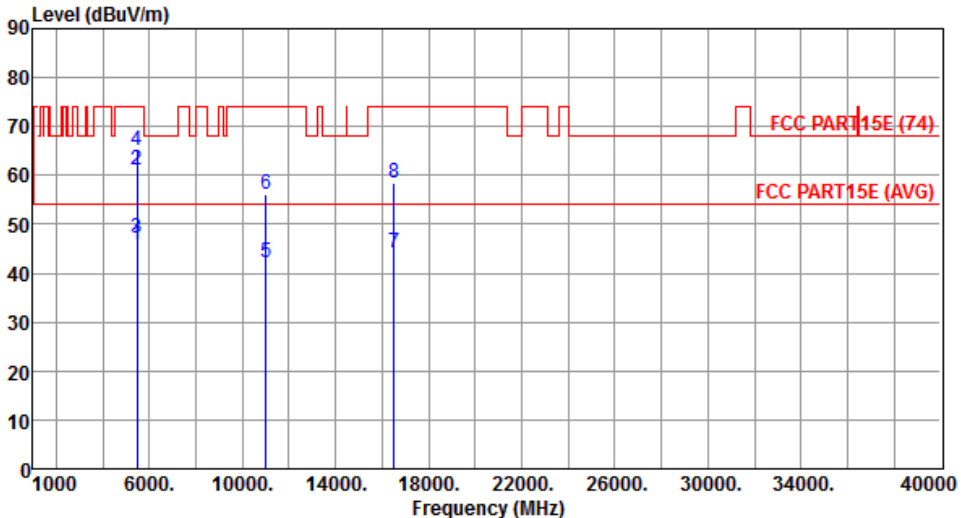
Modulation	VHT20	Test Freq. (MHz)	5320																																																																																						
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	Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table																																																																																
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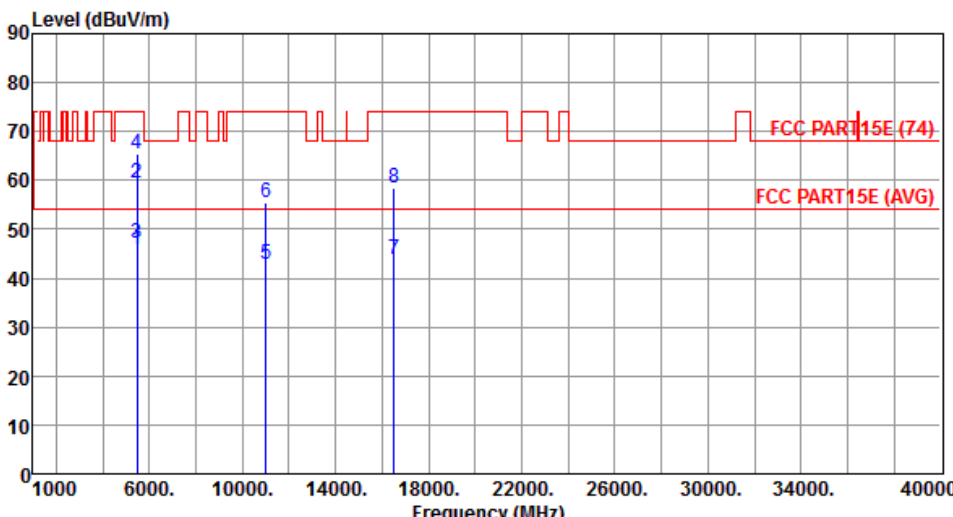
Modulation	VHT20	Test Freq. (MHz)	5320
Polarization	Vertical		



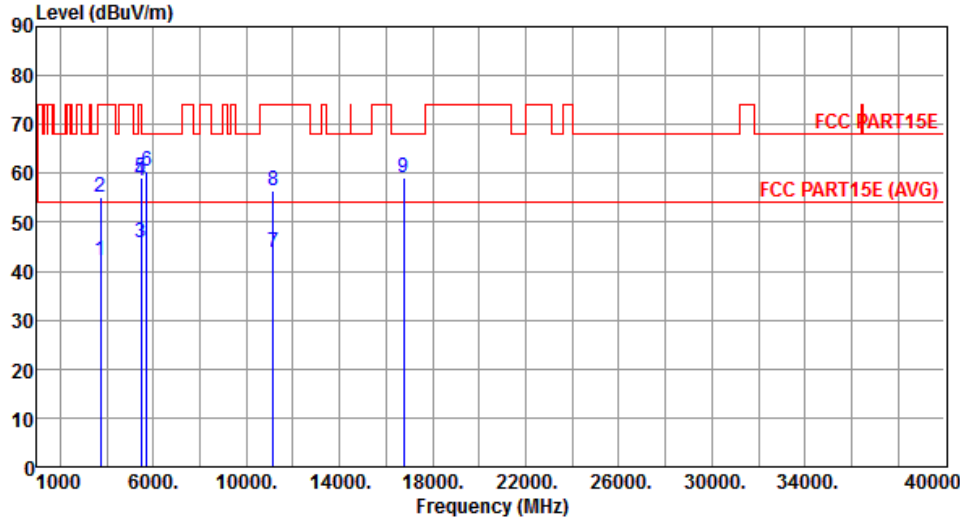
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	47.44	54.00	-6.56	42.13	5.31	Average	125	191
2	5350.00	60.93	74.00	-13.07	55.62	5.31	Peak	125	191
3	10640.00	42.15	54.00	-11.85	28.19	13.96	Average	100	133
4	10640.00	55.62	74.00	-18.38	41.66	13.96	Peak	100	133
5	15960.00	44.42	54.00	-9.58	29.61	14.81	Average	100	7
6	15960.00	56.40	74.00	-17.60	41.59	14.81	Peak	100	7

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

Modulation	VHT20	Test Freq. (MHz)	5500																																																																																										
Polarization	Horizontal																																																																																												
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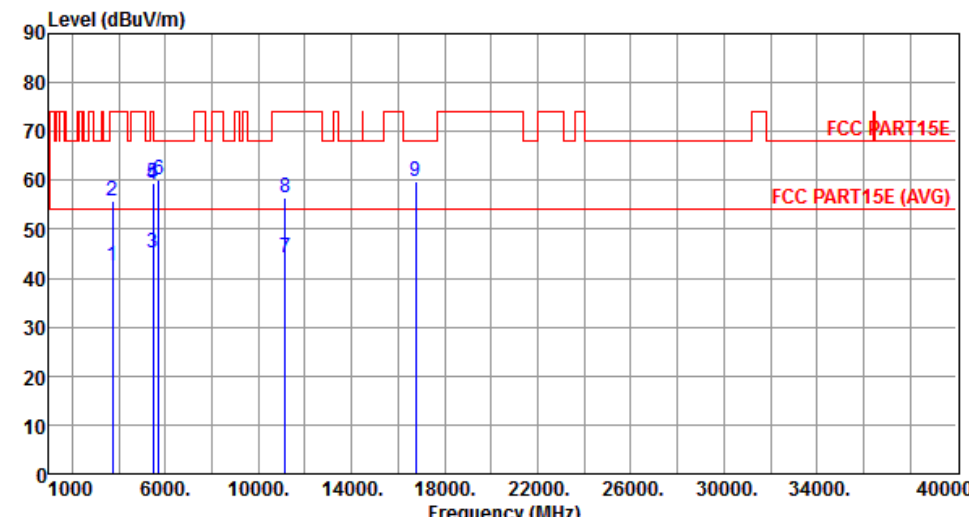
Modulation	VHT20	Test Freq. (MHz)	5500																																																																																										
Polarization	Vertical																																																																																												
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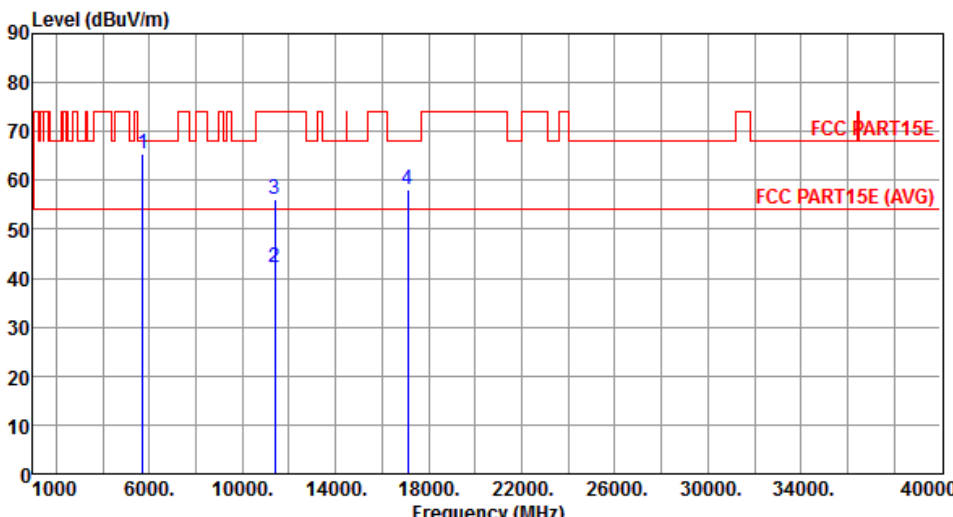
Modulation	VHT20	Test Freq. (MHz)	5580
Polarization	Horizontal		



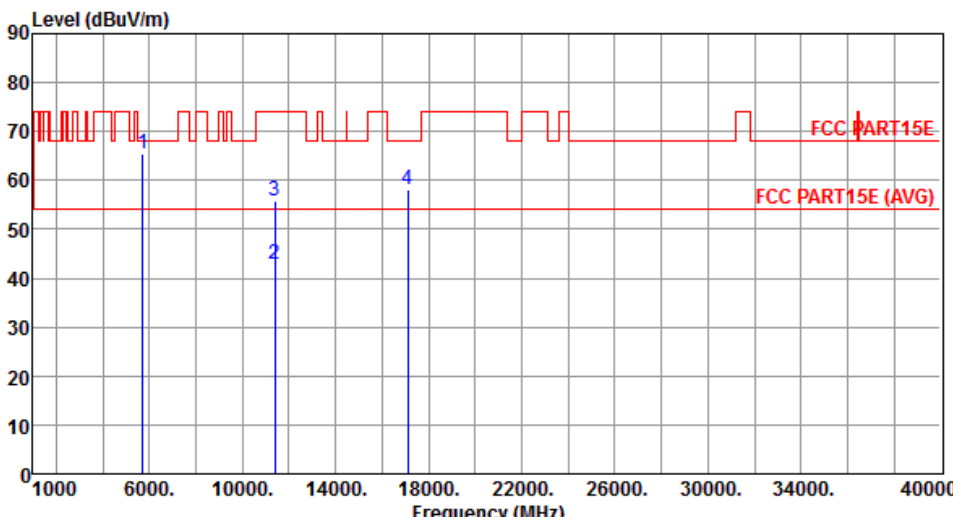
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	3720.00	42.08	54.00	-11.92	40.48	1.60	Average	100	160
2	3720.00	55.23	74.00	-18.77	53.63	1.60	Peak	100	160
3	5460.00	45.69	54.00	-8.31	40.23	5.46	Average	148	206
4	5460.00	58.44	74.00	-15.56	52.98	5.46	Peak	148	206
5	5470.00	59.22	68.20	-8.98	53.75	5.47	Peak	148	206
6	5725.00	60.53	68.20	-7.67	54.72	5.81	Peak	148	206
7	11160.00	43.90	54.00	-10.10	29.46	14.44	Average	158	19
8	11160.00	56.38	74.00	-17.62	41.94	14.44	Peak	158	19
9	16740.00	59.10	68.20	-9.10	43.13	15.97	Peak	161	50

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

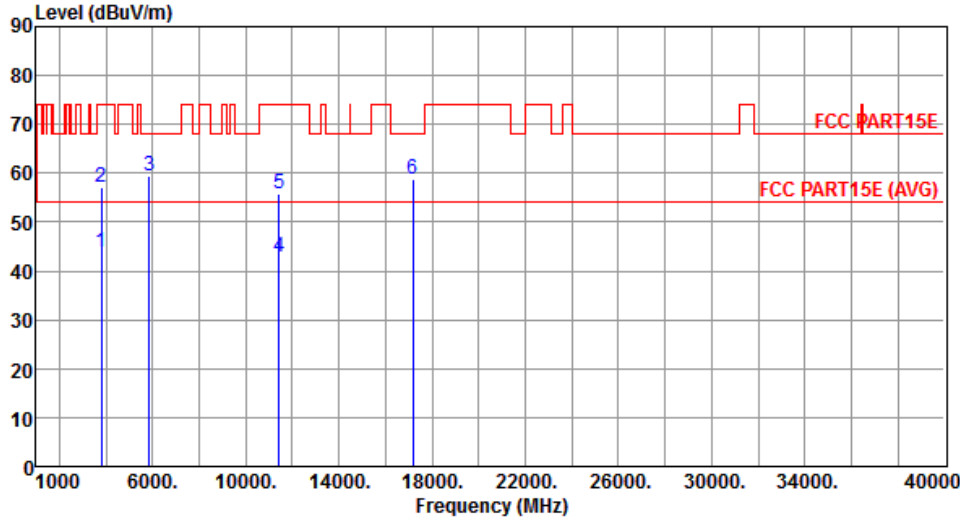
Modulation	VHT20	Test Freq. (MHz)	5580																																																																																																				
Polarization	Vertical																																																																																																						
 <table> <tr> <th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr> <tr> <td>1</td><td>3720.00</td><td>42.42</td><td>54.00</td><td>-11.58</td><td>40.82</td><td>1.60</td><td>Average</td><td>100</td><td>163</td></tr> <tr> <td>2</td><td>3720.00</td><td>55.88</td><td>74.00</td><td>-18.12</td><td>54.28</td><td>1.60</td><td>Peak</td><td>100</td><td>163</td></tr> <tr> <td>3</td><td>5460.00</td><td>45.02</td><td>54.00</td><td>-8.98</td><td>39.56</td><td>5.46</td><td>Average</td><td>313</td><td>249</td></tr> <tr> <td>4</td><td>5460.00</td><td>59.04</td><td>74.00</td><td>-14.96</td><td>53.58</td><td>5.46</td><td>Peak</td><td>313</td><td>249</td></tr> <tr> <td>5</td><td>5470.00</td><td>59.60</td><td>68.20</td><td>-8.60</td><td>54.13</td><td>5.47</td><td>Peak</td><td>313</td><td>249</td></tr> <tr> <td>6</td><td>5725.00</td><td>60.17</td><td>68.20</td><td>-8.03</td><td>54.36</td><td>5.81</td><td>Peak</td><td>313</td><td>249</td></tr> <tr> <td>7</td><td>11160.00</td><td>44.15</td><td>54.00</td><td>-9.85</td><td>29.71</td><td>14.44</td><td>Average</td><td>164</td><td>23</td></tr> <tr> <td>8</td><td>11160.00</td><td>56.41</td><td>74.00</td><td>-17.59</td><td>41.97</td><td>14.44</td><td>Peak</td><td>164</td><td>23</td></tr> <tr> <td>9</td><td>16740.00</td><td>59.83</td><td>68.20</td><td>-8.37</td><td>43.86</td><td>15.97</td><td>Peak</td><td>118</td><td>337</td></tr> </table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg	1	3720.00	42.42	54.00	-11.58	40.82	1.60	Average	100	163	2	3720.00	55.88	74.00	-18.12	54.28	1.60	Peak	100	163	3	5460.00	45.02	54.00	-8.98	39.56	5.46	Average	313	249	4	5460.00	59.04	74.00	-14.96	53.58	5.46	Peak	313	249	5	5470.00	59.60	68.20	-8.60	54.13	5.47	Peak	313	249	6	5725.00	60.17	68.20	-8.03	54.36	5.81	Peak	313	249	7	11160.00	44.15	54.00	-9.85	29.71	14.44	Average	164	23	8	11160.00	56.41	74.00	-17.59	41.97	14.44	Peak	164	23	9	16740.00	59.83	68.20	-8.37	43.86	15.97	Peak	118	337
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg																																																																																														
1	3720.00	42.42	54.00	-11.58	40.82	1.60	Average	100	163																																																																																														
2	3720.00	55.88	74.00	-18.12	54.28	1.60	Peak	100	163																																																																																														
3	5460.00	45.02	54.00	-8.98	39.56	5.46	Average	313	249																																																																																														
4	5460.00	59.04	74.00	-14.96	53.58	5.46	Peak	313	249																																																																																														
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7	11160.00	44.15	54.00	-9.85	29.71	14.44	Average	164	23																																																																																														
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Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																																																																																							

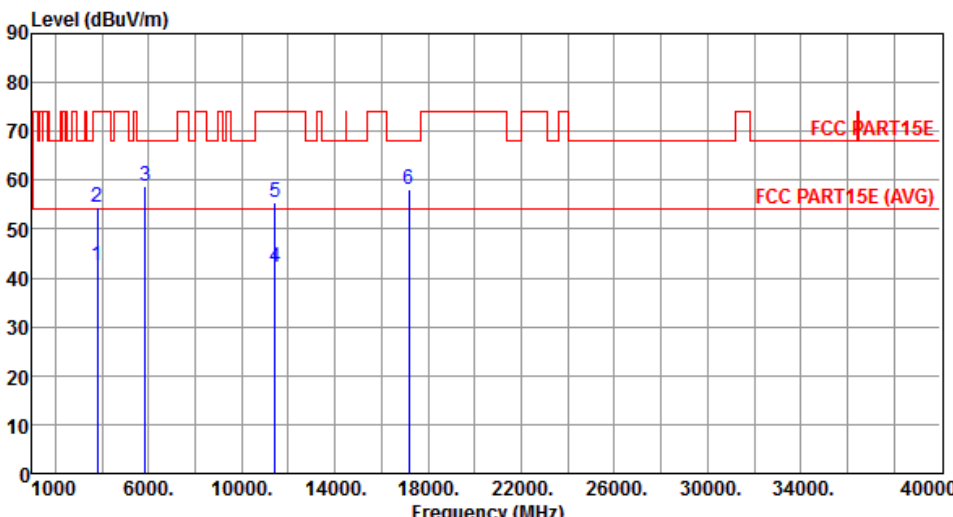
Modulation	VHT20	Test Freq. (MHz)	5700						
Polarization	Horizontal								
									
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5725.00	65.34	68.20	-2.86	59.53	5.81	Peak	116	218
2	11400.00	42.14	54.00	-11.86	27.49	14.65	Average	159	30
3	11400.00	56.21	74.00	-17.79	41.56	14.65	Peak	159	30
4	17100.00	58.22	68.20	-9.98	41.71	16.51	Peak	100	152

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

Modulation	VHT20	Test Freq. (MHz)	5700						
Polarization	Vertical								
									
	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	65.57	68.20	-2.63	59.76	5.81	Peak	250	238
2	11400.00	42.85	54.00	-11.15	28.20	14.65	Average	166	21
3	11400.00	55.74	74.00	-18.26	41.09	14.65	Peak	166	21
4	17100.00	58.23	68.20	-9.97	41.72	16.51	Peak	108	322

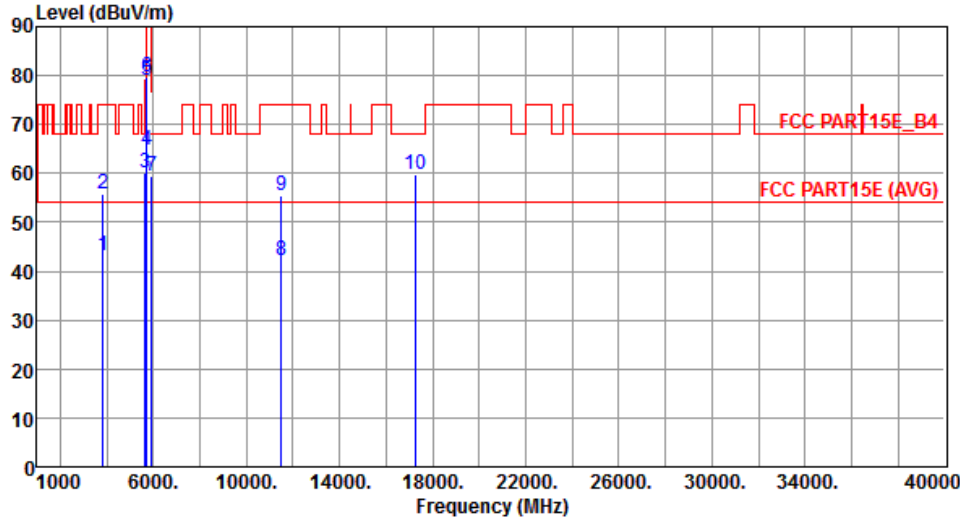
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	VHT20	Test Freq. (MHz)	5720																																																																																																
Polarization	Horizontal																																																																																																		
 <table> <tr> <th></th><th>Freq.</th><th>Emission</th><th>Limit</th><th>Margin</th><th>SA</th><th>Factor</th><th>Remark</th><th>ANT</th><th>Turn</th></tr> <tr> <th></th><th>MHz</th><th>level</th><th>dBuV/m</th><th>dB</th><th>reading</th><th>dB</th><th></th><th>High</th><th>Table</th></tr> <tr> <th></th><th></th><th>dBuV/m</th><th></th><th></th><th>dBuV</th><th></th><th></th><th>cm</th><th>deg</th></tr> <tr> <td>1</td><td>3813.33</td><td>43.96</td><td>54.00</td><td>-10.04</td><td>42.06</td><td>1.90</td><td>Average</td><td>162</td><td>195</td></tr> <tr> <td>2</td><td>3813.33</td><td>57.11</td><td>74.00</td><td>-16.89</td><td>55.21</td><td>1.90</td><td>Peak</td><td>162</td><td>195</td></tr> <tr> <td>3</td><td>5850.00</td><td>59.39</td><td>68.20</td><td>-8.81</td><td>53.40</td><td>5.99</td><td>Peak</td><td>100</td><td>147</td></tr> <tr> <td>4</td><td>11440.00</td><td>42.71</td><td>54.00</td><td>-11.29</td><td>28.02</td><td>14.69</td><td>Average</td><td>164</td><td>26</td></tr> <tr> <td>5</td><td>11440.00</td><td>55.87</td><td>74.00</td><td>-18.13</td><td>41.18</td><td>14.69</td><td>Peak</td><td>164</td><td>26</td></tr> <tr> <td>6</td><td>17160.00</td><td>58.78</td><td>68.20</td><td>-9.42</td><td>42.02</td><td>16.76</td><td>Peak</td><td>100</td><td>298</td></tr> </table>											Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn		MHz	level	dBuV/m	dB	reading	dB		High	Table			dBuV/m			dBuV			cm	deg	1	3813.33	43.96	54.00	-10.04	42.06	1.90	Average	162	195	2	3813.33	57.11	74.00	-16.89	55.21	1.90	Peak	162	195	3	5850.00	59.39	68.20	-8.81	53.40	5.99	Peak	100	147	4	11440.00	42.71	54.00	-11.29	28.02	14.69	Average	164	26	5	11440.00	55.87	74.00	-18.13	41.18	14.69	Peak	164	26	6	17160.00	58.78	68.20	-9.42	42.02	16.76	Peak	100	298
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																																																																										
	MHz	level	dBuV/m	dB	reading	dB		High	Table																																																																																										
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1	3813.33	43.96	54.00	-10.04	42.06	1.90	Average	162	195																																																																																										
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3	5850.00	59.39	68.20	-8.81	53.40	5.99	Peak	100	147																																																																																										
4	11440.00	42.71	54.00	-11.29	28.02	14.69	Average	164	26																																																																																										
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Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/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								
									
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	3813.33	42.54	54.00	-11.46	40.64	1.90	Average	170	283
2	3813.33	54.50	74.00	-19.50	52.60	1.90	Peak	170	283
3	5850.00	58.86	68.20	-9.34	52.87	5.99	Peak	268	261
4	11440.00	42.07	54.00	-11.93	27.38	14.69	Average	100	173
5	11440.00	55.34	74.00	-18.66	40.65	14.69	Peak	100	173
6	17160.00	58.21	68.20	-9.99	41.45	16.76	Peak	104	0

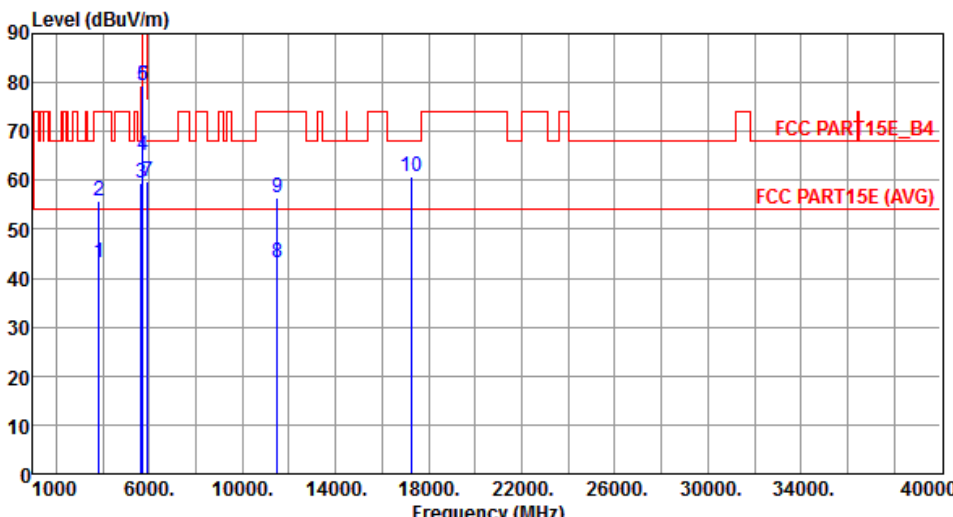
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	VHT20	Test Freq. (MHz)	5745
Polarization	Horizontal		

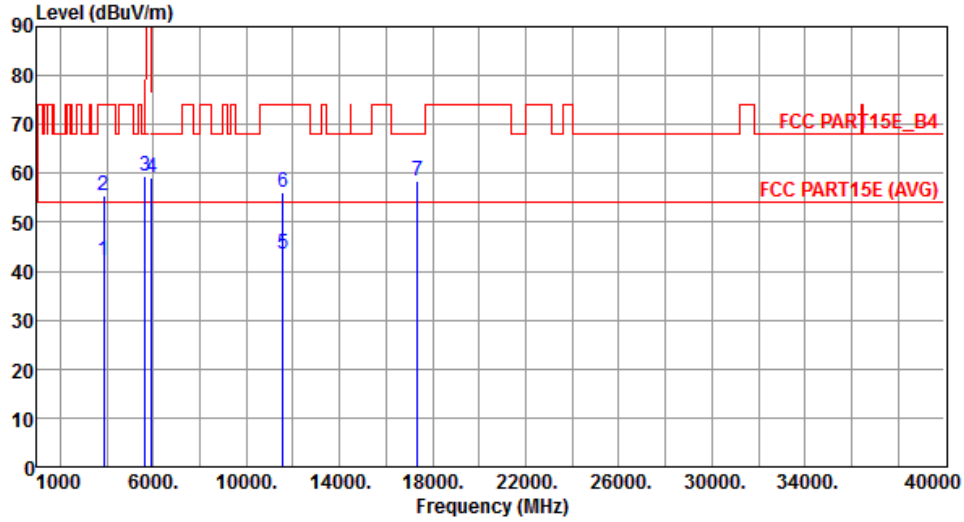


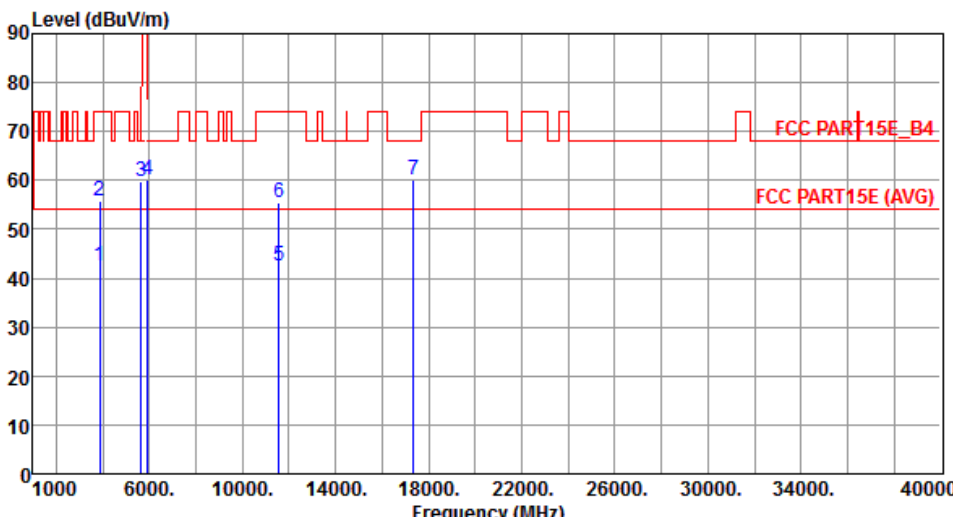
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	3830.00	43.21	54.00	-10.79	41.25	1.96	Average	135	180
2	3830.00	55.73	74.00	-18.27	53.77	1.96	Peak	135	180
3	5650.00	60.14	68.20	-8.06	54.45	5.69	Peak	128	220
4	5700.00	64.78	105.20	-40.42	59.01	5.77	Peak	128	220
5	5720.00	79.19	110.80	-31.61	73.40	5.79	Peak	128	220
6	5725.00	79.84	122.20	-42.36	74.03	5.81	Peak	128	220
7	5925.00	59.49	68.20	-8.71	53.40	6.09	Peak	128	220
8	11490.00	42.32	54.00	-11.68	27.59	14.73	Average	100	41
9	11490.00	55.30	74.00	-18.70	40.57	14.73	Peak	100	41
10	17235.00	59.63	68.20	-8.57	42.56	17.07	Peak	100	297

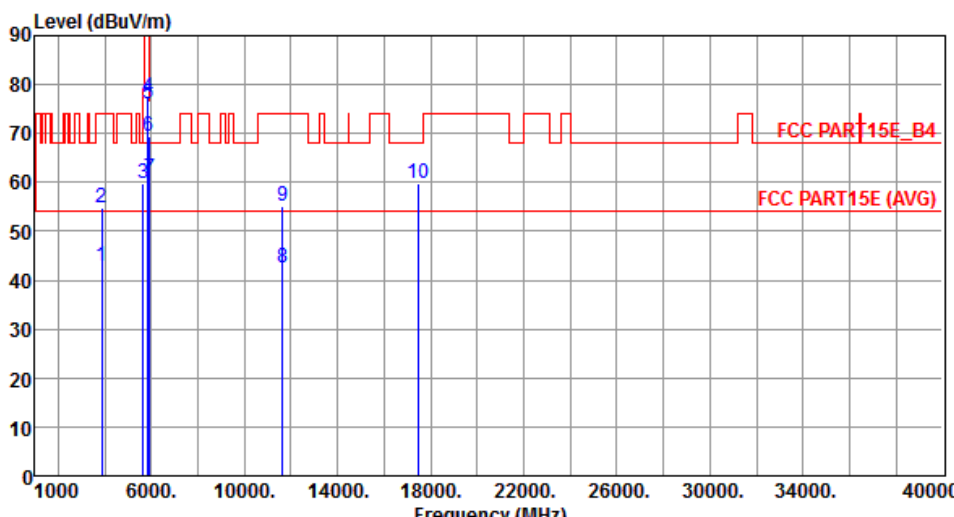
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	VHT20	Test Freq. (MHz)	5745						
Polarization	Vertical								
									
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	3830.00	43.18	54.00	-10.82	41.22	1.96	Average	155	278
2	3830.00	55.73	74.00	-18.27	53.77	1.96	Peak	155	278
3	5650.00	59.50	68.20	-8.70	53.81	5.69	Peak	282	278
4	5700.00	65.17	105.20	-40.03	59.40	5.77	Peak	282	278
5	5720.00	79.44	110.80	-31.36	73.65	5.79	Peak	282	278
6	5725.00	79.50	122.20	-42.70	73.69	5.81	Peak	282	278
7	5925.00	59.89	68.20	-8.31	53.80	6.09	Peak	282	278
8	11490.00	43.24	54.00	-10.76	28.51	14.73	Average	100	290
9	11490.00	56.54	74.00	-17.46	41.81	14.73	Peak	100	290
10	17235.00	60.64	68.20	-7.56	43.57	17.07	Peak	111	0

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

Modulation	VHT20	Test Freq. (MHz)	5785						
Polarization	Horizontal								
 The graph displays the emission level in dBuV/m against frequency in MHz. The y-axis ranges from 0 to 90 dBuV/m, and the x-axis ranges from 1000 to 40000 MHz. A red line represents the FCC Part 15E limit, with a specific section labeled 'FCC PART15E_B4'. A horizontal red line indicates the 'FCC PART15E (AVG)' level at approximately 55 dBuV/m. Blue vertical lines mark specific frequency points, numbered 1 through 7, which correspond to the data in the table below.									
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	3856.66	42.17	54.00	-11.83	40.12	2.05	Average	156	172
2	3856.66	55.43	74.00	-18.57	53.38	2.05	Peak	156	172
3	5650.00	59.36	68.20	-8.84	53.67	5.69	Peak	104	211
4	5925.00	59.17	68.20	-9.03	53.08	6.09	Peak	104	211
5	11570.00	43.48	54.00	-10.52	28.88	14.60	Average	100	42
6	11570.00	56.23	74.00	-17.77	41.63	14.60	Peak	100	42
7	17355.00	58.56	68.20	-9.64	41.01	17.55	Peak	100	48
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).									

Modulation	VHT20	Test Freq. (MHz)	5785																																																																																	
Polarization	Vertical																																																																																			
																																																																																				
	<table> <tr> <th></th><th>Freq. MHz</th><th>Emission level dBUV/m</th><th>Limit dBUV/m</th><th>Margin dB</th><th>SA reading dBUV</th><th>Factor dB</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr> <tr> <td>1</td><td>3856.60</td><td>42.39</td><td>54.00</td><td>-11.61</td><td>40.34</td><td>2.05</td><td>Average</td><td>100</td><td>168</td></tr> <tr> <td>2</td><td>3856.60</td><td>55.82</td><td>74.00</td><td>-18.18</td><td>53.77</td><td>2.05</td><td>Peak</td><td>100</td><td>168</td></tr> <tr> <td>3</td><td>5650.00</td><td>59.65</td><td>68.20</td><td>-8.55</td><td>53.96</td><td>5.69</td><td>Peak</td><td>271</td><td>252</td></tr> <tr> <td>4</td><td>5925.00</td><td>60.01</td><td>68.20</td><td>-8.19</td><td>53.92</td><td>6.09</td><td>Peak</td><td>271</td><td>252</td></tr> <tr> <td>5</td><td>11570.00</td><td>42.49</td><td>54.00</td><td>-11.51</td><td>27.89</td><td>14.60</td><td>Average</td><td>100</td><td>276</td></tr> <tr> <td>6</td><td>11570.00</td><td>55.42</td><td>74.00</td><td>-18.58</td><td>40.82</td><td>14.60</td><td>Peak</td><td>100</td><td>276</td></tr> <tr> <td>7</td><td>17355.00</td><td>60.27</td><td>68.20</td><td>-7.93</td><td>42.72</td><td>17.55</td><td>Peak</td><td>100</td><td>5</td></tr> </table>		Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg	1	3856.60	42.39	54.00	-11.61	40.34	2.05	Average	100	168	2	3856.60	55.82	74.00	-18.18	53.77	2.05	Peak	100	168	3	5650.00	59.65	68.20	-8.55	53.96	5.69	Peak	271	252	4	5925.00	60.01	68.20	-8.19	53.92	6.09	Peak	271	252	5	11570.00	42.49	54.00	-11.51	27.89	14.60	Average	100	276	6	11570.00	55.42	74.00	-18.58	40.82	14.60	Peak	100	276	7	17355.00	60.27	68.20	-7.93	42.72	17.55	Peak	100	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	3856.60	42.39	54.00	-11.61	40.34	2.05	Average	100	168																																																																											
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6	11570.00	55.42	74.00	-18.58	40.82	14.60	Peak	100	276																																																																											
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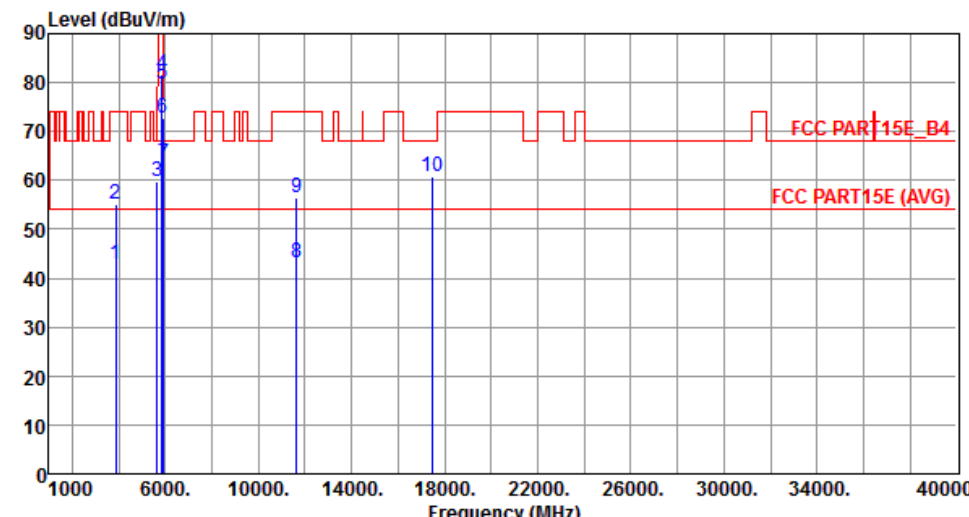
Modulation	VHT20	Test Freq. (MHz)	5825						
Polarization	Horizontal								
									
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	3883.33	42.82	54.00	-11.18	40.68	2.14	Average	133	174
2	3883.33	54.77	74.00	-19.23	52.63	2.14	Peak	133	174
3	5650.00	59.66	68.20	-8.54	53.97	5.69	Peak	103	211
4	5850.00	77.23	122.20	-44.97	71.24	5.99	Peak	103	211
5	5855.00	76.21	110.80	-34.59	70.21	6.00	Peak	103	211
6	5875.00	69.35	105.20	-35.85	63.33	6.02	Peak	103	211
7	5925.00	60.93	68.20	-7.27	54.84	6.09	Peak	103	211
8	11650.00	42.35	54.00	-11.65	27.91	14.44	Average	100	42
9	11650.00	55.28	74.00	-18.72	40.84	14.44	Peak	100	42
10	17475.00	59.68	68.20	-8.52	41.64	18.04	Peak	100	276

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

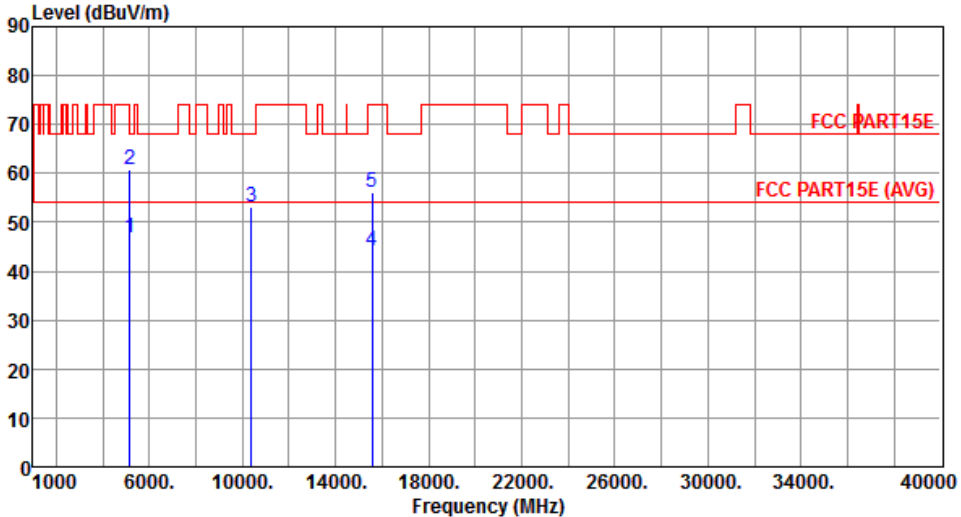
Modulation	VHT20	Test Freq. (MHz)	5825
Polarization	Vertical		



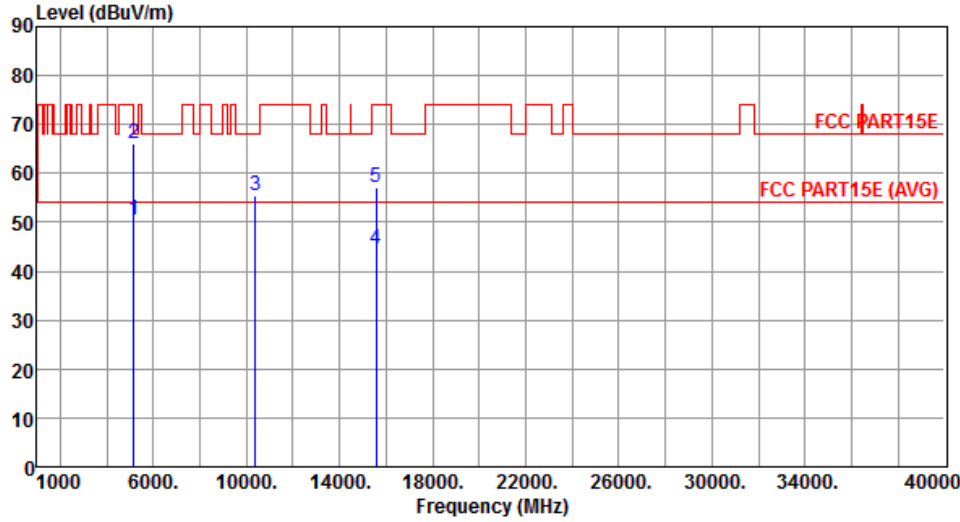
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	3883.33	42.69	54.00	-11.31	40.55	2.14	Average	159	285
2	3883.33	55.20	74.00	-18.80	53.06	2.14	Peak	159	285
3	5650.00	59.70	68.20	-8.50	54.01	5.69	Peak	256	262
4	5850.00	81.59	122.20	-40.61	75.60	5.99	Peak	256	262
5	5855.00	79.63	110.80	-31.17	73.63	6.00	Peak	256	262
6	5875.00	72.78	105.20	-32.42	66.76	6.02	Peak	256	262
7	5925.00	63.40	68.20	-4.80	57.31	6.09	Peak	256	262
8	11650.00	43.18	54.00	-10.82	28.74	14.44	Average	100	262
9	11650.00	56.48	74.00	-17.52	42.04	14.44	Peak	100	262
10	17475.00	60.77	68.20	-7.43	42.73	18.04	Peak	106	0

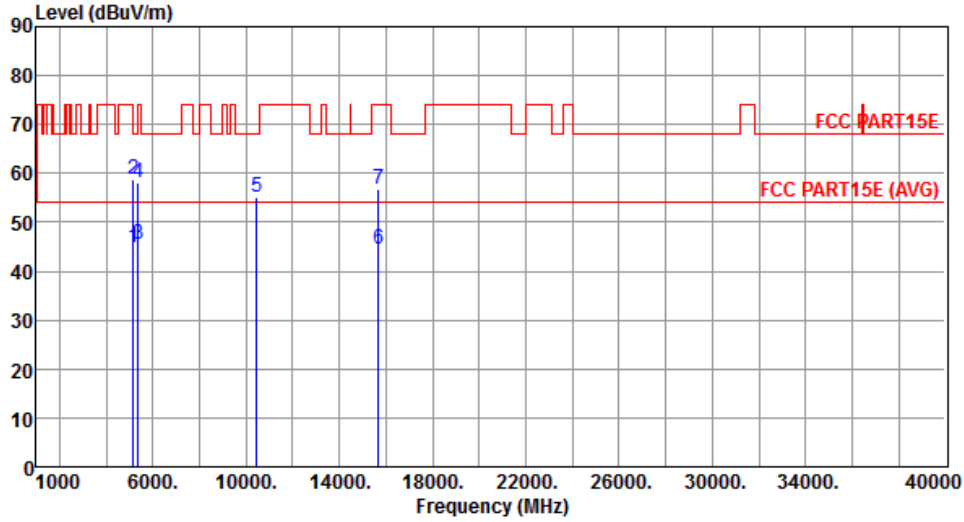
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

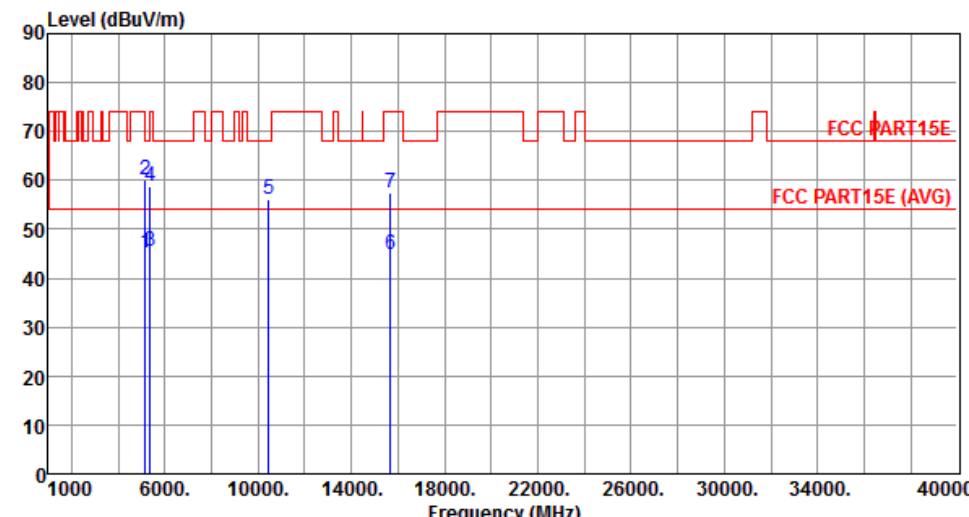
3.5.22 Transmitter Radiated Unwanted Emissions (Above 1GHz) for VHT40

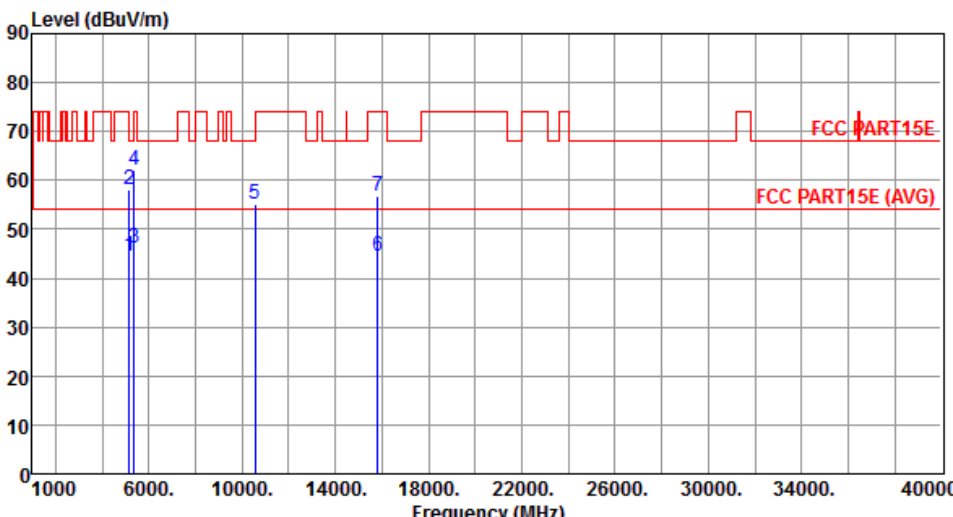
Modulation	VHT40	Test Freq. (MHz)	5190						
Polarization	Horizontal								
									
	Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB		cm	deg
1	5150.00	46.94	54.00	-7.06	41.92	5.02	Average	108	217
2	5150.00	60.80	74.00	-13.20	55.78	5.02	Peak	108	217
3	10380.00	53.22	68.20	-14.98	39.47	13.75	Peak	175	63
4	15570.00	44.22	54.00	-9.78	29.26	14.96	Average	100	305
5	15570.00	56.28	74.00	-17.72	41.32	14.96	Peak	100	305

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

Modulation	VHT40	Test Freq. (MHz)	5190																																																												
Polarization	Vertical																																																														
 <table> <tr> <th></th><th>Freq. MHz</th><th>Emission level dBUV/m</th><th>Limit dBUV/m</th><th>Margin dB</th><th>SA reading dBUV</th><th>Factor dB</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr> <tr> <td>1</td><td>5150.00</td><td>50.60</td><td>54.00</td><td>-3.40</td><td>45.58</td><td>5.02</td><td>Average</td><td>139</td><td>190</td></tr> <tr> <td>2</td><td>5150.00</td><td>66.03</td><td>74.00</td><td>-7.97</td><td>61.01</td><td>5.02</td><td>Peak</td><td>139</td><td>190</td></tr> <tr> <td>3</td><td>10380.00</td><td>55.62</td><td>68.20</td><td>-12.58</td><td>41.87</td><td>13.75</td><td>Peak</td><td>100</td><td>146</td></tr> <tr> <td>4</td><td>15570.00</td><td>44.53</td><td>54.00</td><td>-9.47</td><td>29.57</td><td>14.96</td><td>Average</td><td>100</td><td>18</td></tr> <tr> <td>5</td><td>15570.00</td><td>57.12</td><td>74.00</td><td>-16.88</td><td>42.16</td><td>14.96</td><td>Peak</td><td>100</td><td>18</td></tr> </table>					Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg	1	5150.00	50.60	54.00	-3.40	45.58	5.02	Average	139	190	2	5150.00	66.03	74.00	-7.97	61.01	5.02	Peak	139	190	3	10380.00	55.62	68.20	-12.58	41.87	13.75	Peak	100	146	4	15570.00	44.53	54.00	-9.47	29.57	14.96	Average	100	18	5	15570.00	57.12	74.00	-16.88	42.16	14.96	Peak	100	18
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg																																																						
1	5150.00	50.60	54.00	-3.40	45.58	5.02	Average	139	190																																																						
2	5150.00	66.03	74.00	-7.97	61.01	5.02	Peak	139	190																																																						
3	10380.00	55.62	68.20	-12.58	41.87	13.75	Peak	100	146																																																						
4	15570.00	44.53	54.00	-9.47	29.57	14.96	Average	100	18																																																						
5	15570.00	57.12	74.00	-16.88	42.16	14.96	Peak	100	18																																																						
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor* (dB) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).																																																															

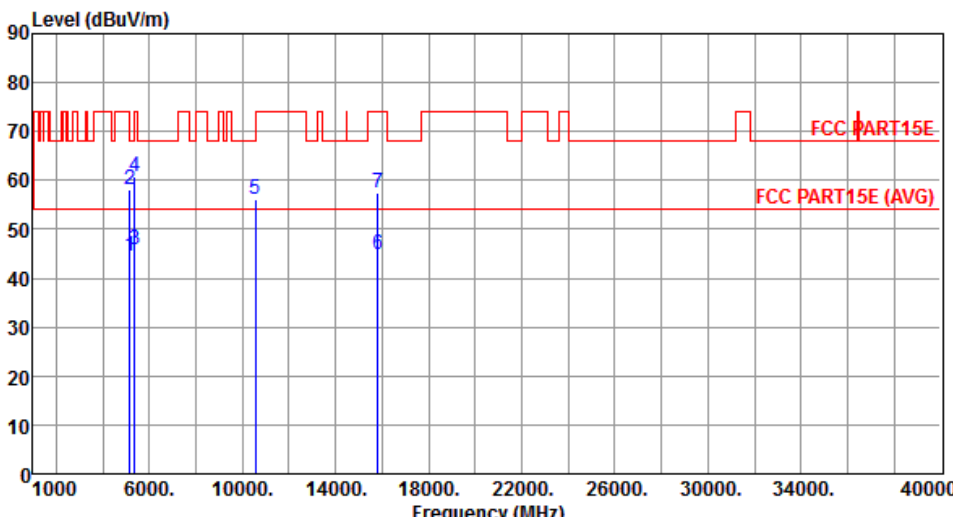
Modulation	VHT40	Test Freq. (MHz)	5230						
Polarization	Horizontal								
									
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	44.84	54.00	-9.16	39.82	5.02	Average	108	219
2	5150.00	58.70	74.00	-15.30	53.68	5.02	Peak	108	219
3	5350.00	45.49	54.00	-8.51	40.18	5.31	Average	108	219
4	5350.00	58.22	74.00	-15.78	52.91	5.31	Peak	108	219
5	10460.00	55.02	68.20	-13.18	41.23	13.79	Peak	164	59
6	15690.00	44.43	54.00	-9.57	29.51	14.92	Average	100	265
7	15690.00	56.70	74.00	-17.30	41.78	14.92	Peak	100	265
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor* (dB) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).									

Modulation	VHT40	Test Freq. (MHz)	5230																																																																																																
Polarization	Vertical																																																																																																		
 <table> <tr> <th></th><th>Freq.</th><th>Emission level</th><th>Limit</th><th>Margin</th><th>SA reading</th><th>Factor</th><th>Remark</th><th>ANT High</th><th>Turn Table</th></tr> <tr> <th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB</th><th></th><th>cm</th><th>deg</th></tr> <tr> <td>1</td><td>5150.00</td><td>45.29</td><td>54.00</td><td>-8.71</td><td>40.27</td><td>5.02</td><td>Average</td><td>264</td><td>273</td></tr> <tr> <td>2</td><td>5150.00</td><td>60.07</td><td>74.00</td><td>-13.93</td><td>55.05</td><td>5.02</td><td>Peak</td><td>264</td><td>273</td></tr> <tr> <td>3</td><td>5350.00</td><td>45.37</td><td>54.00</td><td>-8.63</td><td>40.06</td><td>5.31</td><td>Average</td><td>264</td><td>273</td></tr> <tr> <td>4</td><td>5350.00</td><td>58.94</td><td>74.00</td><td>-15.06</td><td>53.63</td><td>5.31</td><td>Peak</td><td>264</td><td>273</td></tr> <tr> <td>5</td><td>10460.00</td><td>56.03</td><td>68.20</td><td>-12.17</td><td>42.24</td><td>13.79</td><td>Peak</td><td>100</td><td>161</td></tr> <tr> <td>6</td><td>15690.00</td><td>44.68</td><td>54.00</td><td>-9.32</td><td>29.76</td><td>14.92</td><td>Average</td><td>100</td><td>13</td></tr> <tr> <td>7</td><td>15690.00</td><td>57.54</td><td>74.00</td><td>-16.46</td><td>42.62</td><td>14.92</td><td>Peak</td><td>100</td><td>13</td></tr> </table>											Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table		MHz	dBuV/m	dBuV/m	dB	dBuV	dB		cm	deg	1	5150.00	45.29	54.00	-8.71	40.27	5.02	Average	264	273	2	5150.00	60.07	74.00	-13.93	55.05	5.02	Peak	264	273	3	5350.00	45.37	54.00	-8.63	40.06	5.31	Average	264	273	4	5350.00	58.94	74.00	-15.06	53.63	5.31	Peak	264	273	5	10460.00	56.03	68.20	-12.17	42.24	13.79	Peak	100	161	6	15690.00	44.68	54.00	-9.32	29.76	14.92	Average	100	13	7	15690.00	57.54	74.00	-16.46	42.62	14.92	Peak	100	13
	Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table																																																																																										
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB		cm	deg																																																																																										
1	5150.00	45.29	54.00	-8.71	40.27	5.02	Average	264	273																																																																																										
2	5150.00	60.07	74.00	-13.93	55.05	5.02	Peak	264	273																																																																																										
3	5350.00	45.37	54.00	-8.63	40.06	5.31	Average	264	273																																																																																										
4	5350.00	58.94	74.00	-15.06	53.63	5.31	Peak	264	273																																																																																										
5	10460.00	56.03	68.20	-12.17	42.24	13.79	Peak	100	161																																																																																										
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7	15690.00	57.54	74.00	-16.46	42.62	14.92	Peak	100	13																																																																																										
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor* (dB) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).																																																																																																			

Modulation	VHT40	Test Freq. (MHz)	5270						
Polarization	Horizontal								
									
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	44.42	54.00	-9.58	39.40	5.02	Average	113	215
2	5150.00	58.24	74.00	-15.76	53.22	5.02	Peak	113	215
3	5350.00	46.14	54.00	-7.86	40.83	5.31	Average	113	215
4	5350.00	62.11	74.00	-11.89	56.80	5.31	Peak	113	215
5	10540.00	55.09	68.20	-13.11	41.23	13.86	Peak	166	58
6	15810.00	44.50	54.00	-9.50	29.64	14.86	Average	100	262
7	15810.00	56.73	74.00	-17.27	41.87	14.86	Peak	100	262

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

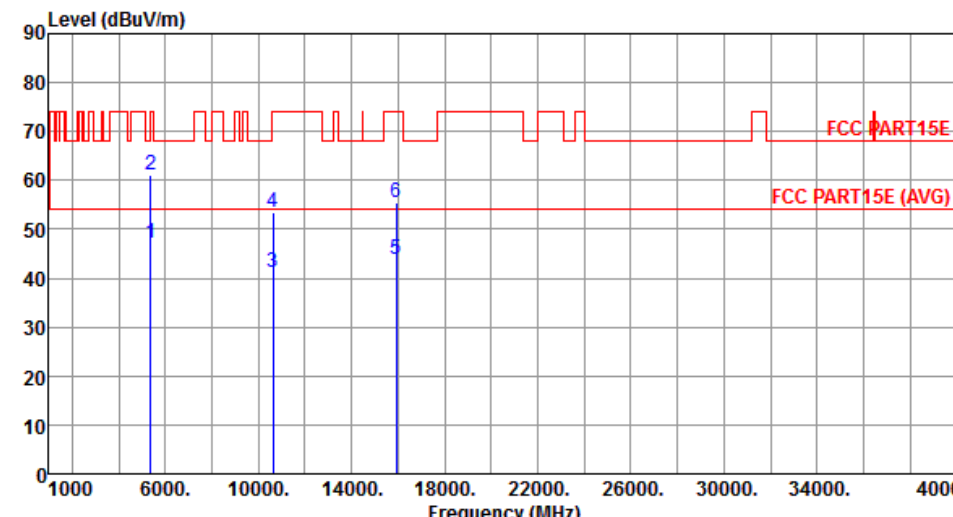
Modulation	VHT40	Test Freq. (MHz)	5270
Polarization	Vertical		



	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	44.42	54.00	-9.58	39.40	5.02	Average	266	279
2	5150.00	58.00	74.00	-16.00	52.98	5.02	Peak	266	279
3	5350.00	45.89	54.00	-8.11	40.58	5.31	Average	266	279
4	5350.00	60.69	74.00	-13.31	55.38	5.31	Peak	266	279
5	10540.00	56.17	68.20	-12.03	42.31	13.86	Peak	100	155
6	15810.00	44.73	54.00	-9.27	29.87	14.86	Average	100	6
7	15810.00	57.61	74.00	-16.39	42.75	14.86	Peak	100	6

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

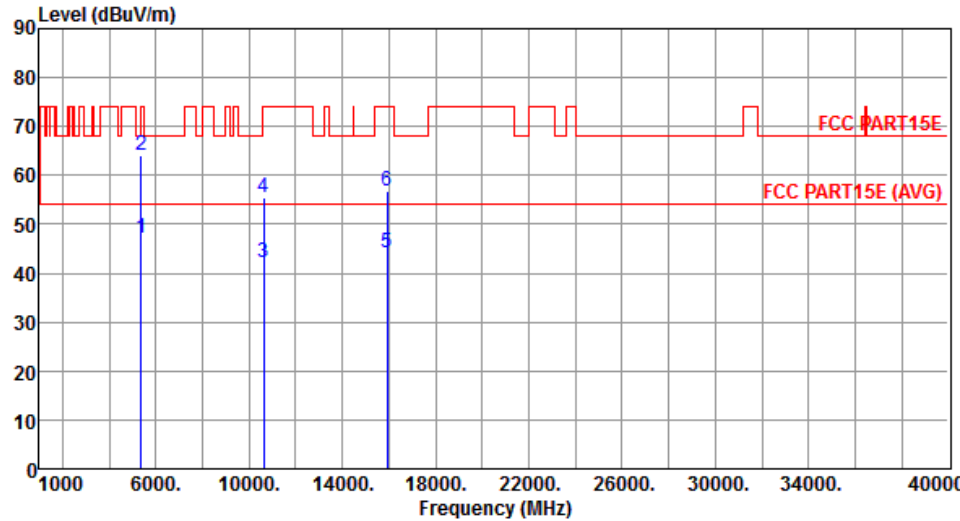
Modulation	VHT40	Test Freq. (MHz)	5310
Polarization	Horizontal		



	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	47.16	54.00	-6.84	41.85	5.31	Average	114	217
2	5350.00	60.94	74.00	-13.06	55.63	5.31	Peak	114	217
3	10620.00	41.10	54.00	-12.90	27.17	13.93	Average	171	62
4	10620.00	53.48	74.00	-20.52	39.55	13.93	Peak	171	62
5	15930.00	43.69	54.00	-10.31	28.87	14.82	Average	100	297
6	15930.00	55.35	74.00	-18.65	40.53	14.82	Peak	100	297

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

Modulation	VHT40	Test Freq. (MHz)	5310
Polarization	Vertical		



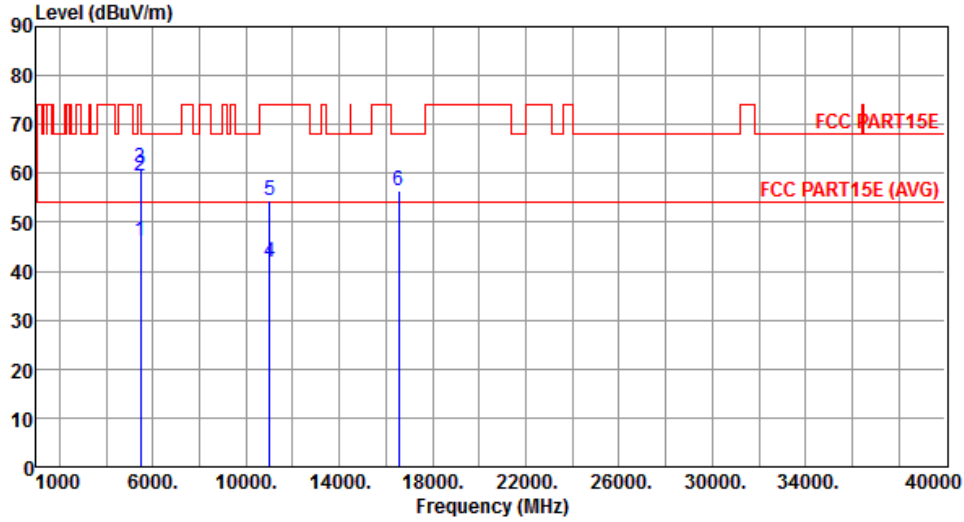
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	47.09	54.00	-6.91	41.78	5.31	Average	263	279
2	5350.00	64.23	74.00	-9.77	58.92	5.31	Peak	263	279
3	10620.00	42.33	54.00	-11.67	28.40	13.93	Average	100	158
4	10620.00	55.31	74.00	-18.69	41.38	13.93	Peak	100	158
5	15930.00	44.14	54.00	-9.86	29.32	14.82	Average	100	26
6	15930.00	56.67	74.00	-17.33	41.85	14.82	Peak	100	26

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

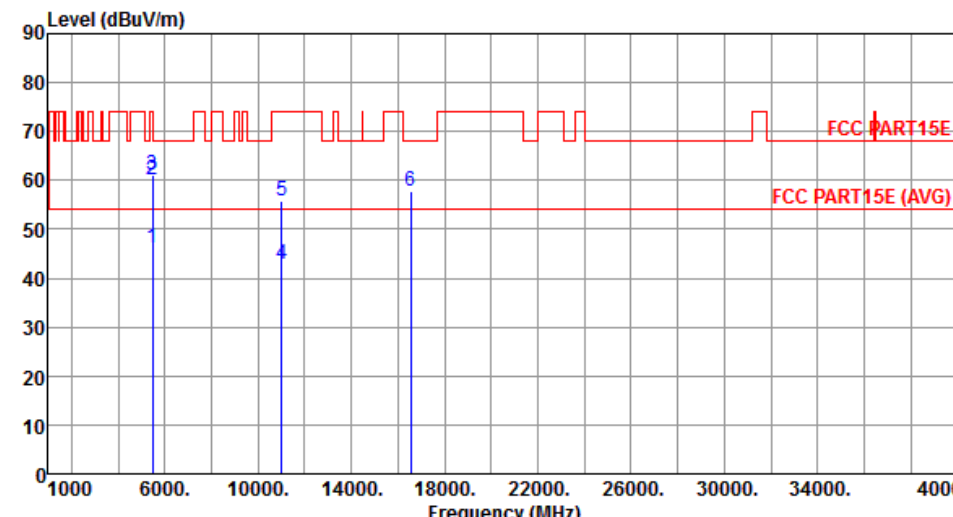
Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	VHT40	Test Freq. (MHz)	5510
Polarization	Horizontal		

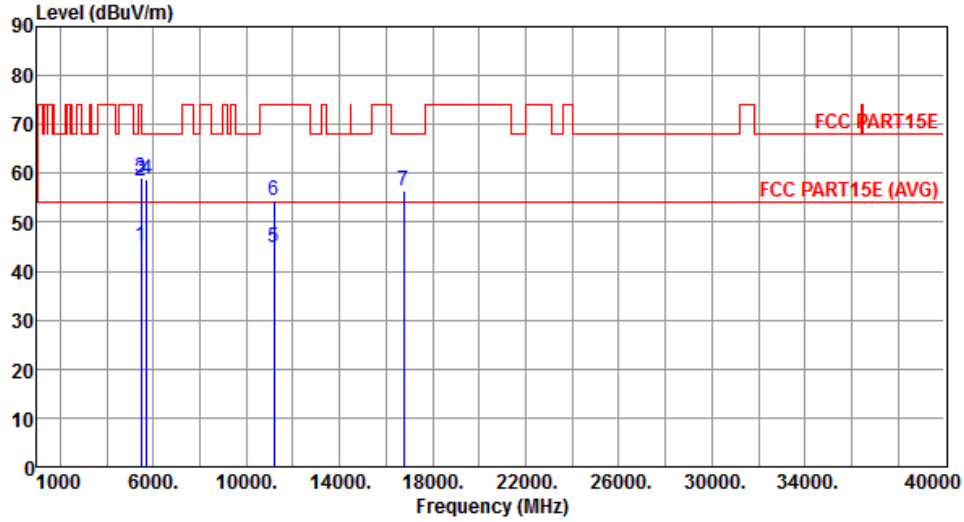


	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	46.07	54.00	-7.93	40.61	5.46	Average	139	225
2	5460.00	59.38	74.00	-14.62	53.92	5.46	Peak	139	225
3	5470.00	60.95	68.20	-7.25	55.48	5.47	Peak	139	225
4	11020.00	41.91	54.00	-12.09	27.59	14.32	Average	162	48
5	11020.00	54.48	74.00	-19.52	40.16	14.32	Peak	162	48
6	16530.00	56.49	68.20	-11.71	40.64	15.85	Peak	100	310

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

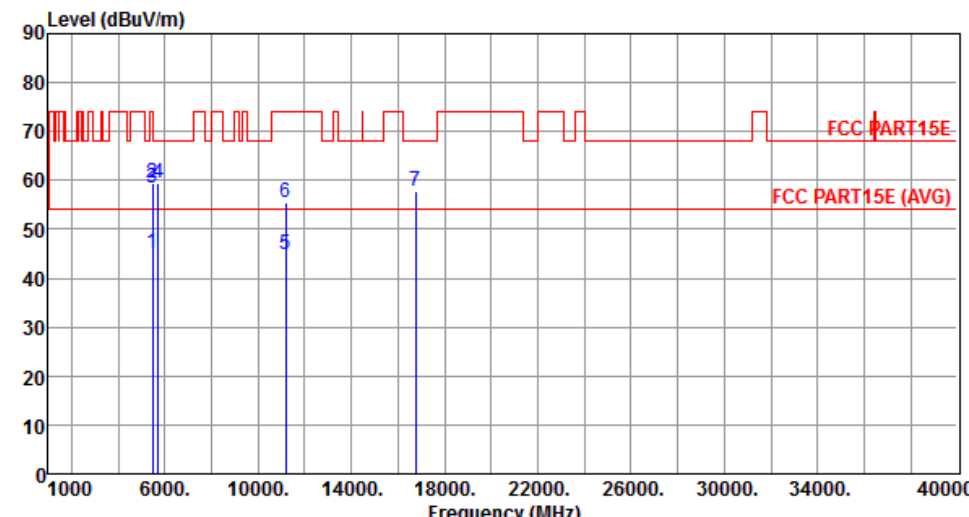
Modulation	VHT40	Test Freq. (MHz)	5510						
Polarization	Vertical								
									
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	46.29	54.00	-7.71	40.83	5.46	Average	274	276
2	5460.00	59.96	74.00	-14.04	54.50	5.46	Peak	274	276
3	5470.00	61.25	68.20	-6.95	55.78	5.47	Peak	274	276
4	11020.00	43.00	54.00	-11.00	28.68	14.32	Average	100	170
5	11020.00	55.82	74.00	-18.18	41.50	14.32	Peak	100	170
6	16530.00	57.73	68.20	-10.47	41.88	15.85	Peak	100	31

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/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)	5590						
Polarization	Horizontal								
									
	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	45.16	54.00	-8.84	39.70	5.46	Average	110	206
2	5460.00	58.59	74.00	-15.41	53.13	5.46	Peak	110	206
3	5470.00	59.02	68.20	-9.18	53.55	5.47	Peak	110	206
4	5725.00	58.91	68.20	-9.29	53.10	5.81	Peak	110	206
5	11180.00	44.72	54.00	-9.28	30.26	14.46	Average	165	52
6	11180.00	54.54	74.00	-19.46	40.08	14.46	Peak	165	52
7	16770.00	56.53	68.20	-11.67	40.55	15.98	Peak	100	258

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

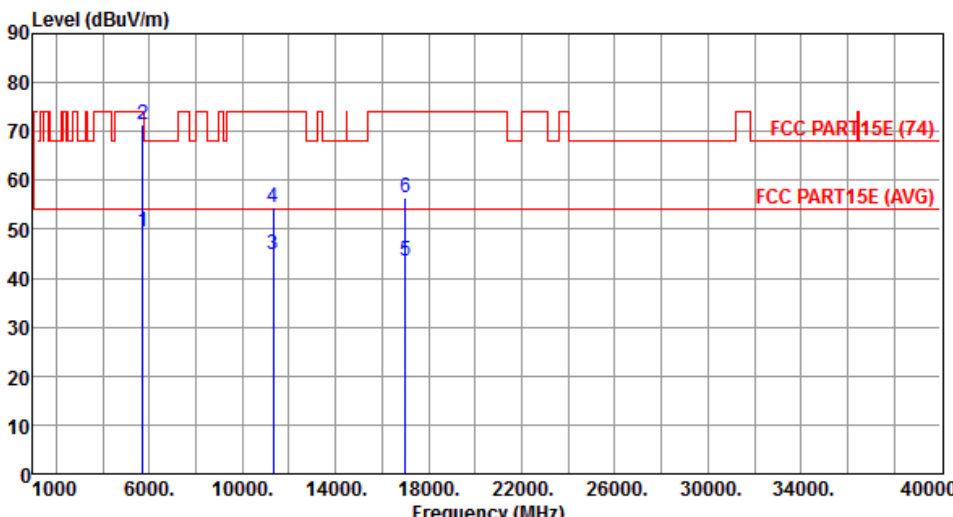
Modulation	VHT40	Test Freq. (MHz)	5590
Polarization	Vertical		



	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	45.11	54.00	-8.89	39.65	5.46	Average	263	247
2	5460.00	59.43	74.00	-14.57	53.97	5.46	Peak	263	247
3	5470.00	58.33	68.20	-9.87	52.86	5.47	Peak	263	247
4	5725.00	59.52	68.20	-8.68	53.71	5.81	Peak	263	247
5	11180.00	44.97	54.00	-9.03	30.51	14.46	Average	100	163
6	11180.00	55.62	74.00	-18.38	41.16	14.46	Peak	100	163
7	16770.00	57.81	68.20	-10.39	41.83	15.98	Peak	100	10

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

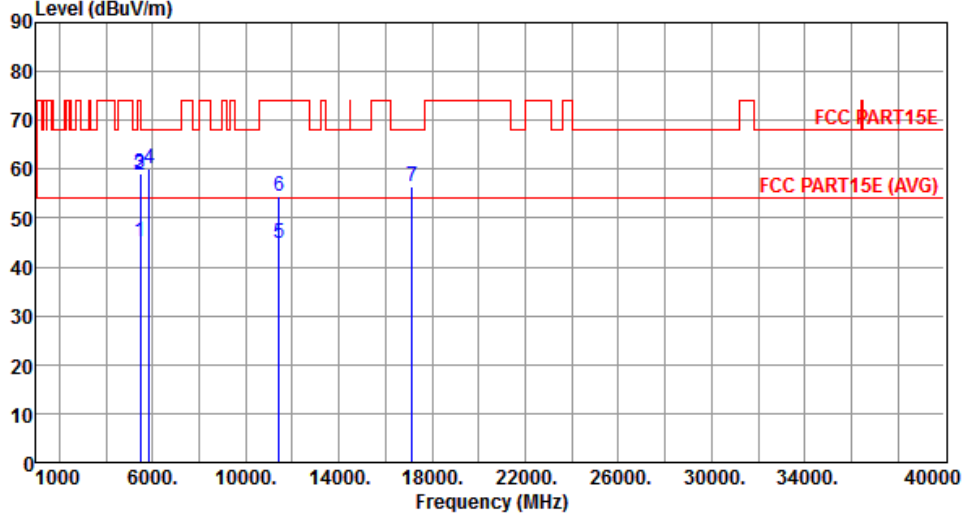


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5725.00	49.40	54.00	-4.60	43.59	5.81	Average	131	211
2	5725.00	71.30	74.00	-2.70	65.49	5.81	Peak	131	211
3	11340.00	44.68	54.00	-9.32	30.08	14.60	Average	161	50
4	11340.00	54.51	74.00	-19.49	39.91	14.60	Peak	161	50
5	17010.00	43.53	54.00	-10.47	27.38	16.15	Average	100	264
6	17010.00	56.43	74.00	-17.57	40.28	16.15	Peak	100	264

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

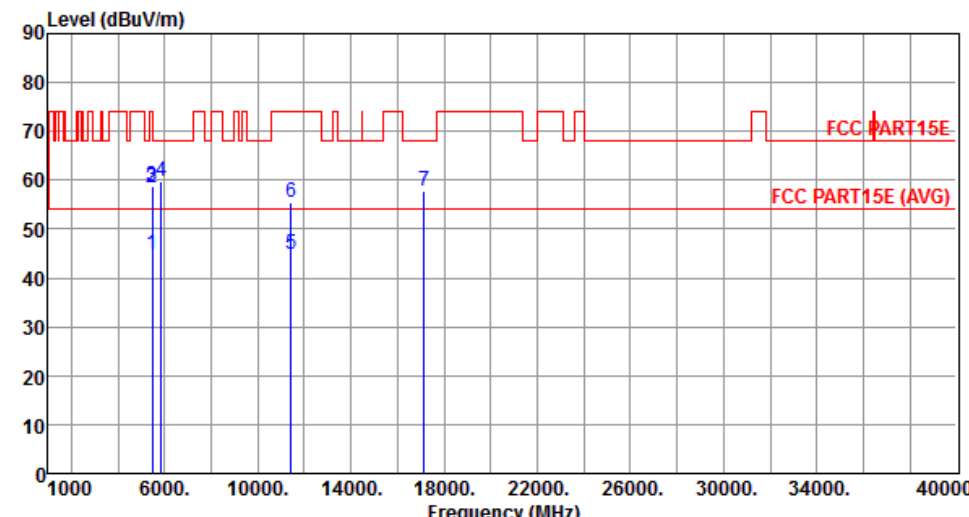
Modulation	VHT40	Test Freq. (MHz)	5710
Polarization	Horizontal		



	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	45.32	54.00	-8.68	39.86	5.46	Average	146	209
2	5460.00	58.80	74.00	-15.20	53.34	5.46	Peak	146	209
3	5470.00	59.16	68.20	-9.04	53.69	5.47	Peak	146	209
4	5850.00	60.12	68.20	-8.08	54.13	5.99	Peak	146	209
5	11420.00	44.67	54.00	-9.33	30.00	14.67	Average	161	44
6	11420.00	54.48	74.00	-19.52	39.81	14.67	Peak	161	44
7	17130.00	56.41	68.20	-11.79	39.77	16.64	Peak	100	252

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

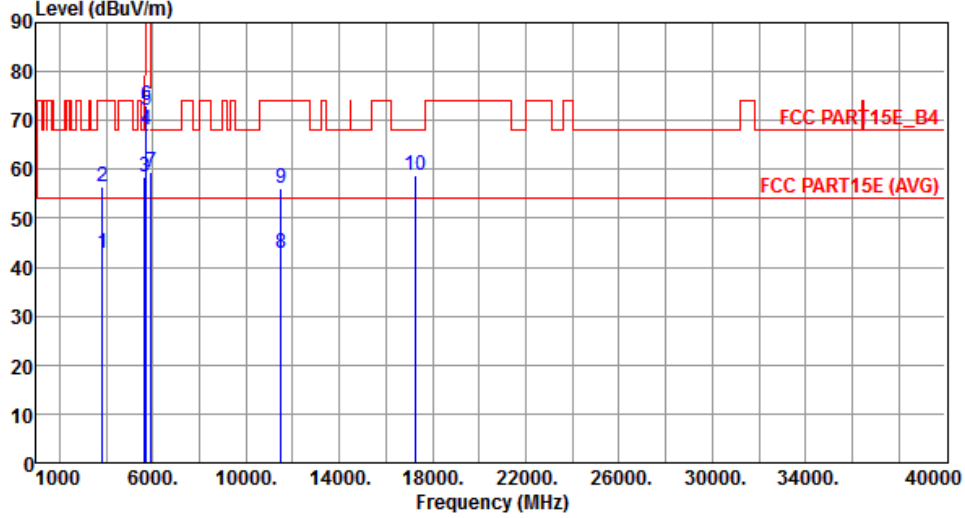
Modulation	VHT40	Test Freq. (MHz)	5710
Polarization	Vertical		



	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	44.72	54.00	-9.28	39.26	5.46	Average	263	264
2	5460.00	58.51	74.00	-15.49	53.05	5.46	Peak	263	264
3	5470.00	58.71	68.20	-9.49	53.24	5.47	Peak	263	264
4	5850.00	59.75	68.20	-8.45	53.76	5.99	Peak	263	264
5	11420.00	44.92	54.00	-9.08	30.25	14.67	Average	100	156
6	11420.00	55.54	74.00	-18.46	40.87	14.67	Peak	100	156
7	17130.00	57.79	68.20	-10.41	41.15	16.64	Peak	100	18

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

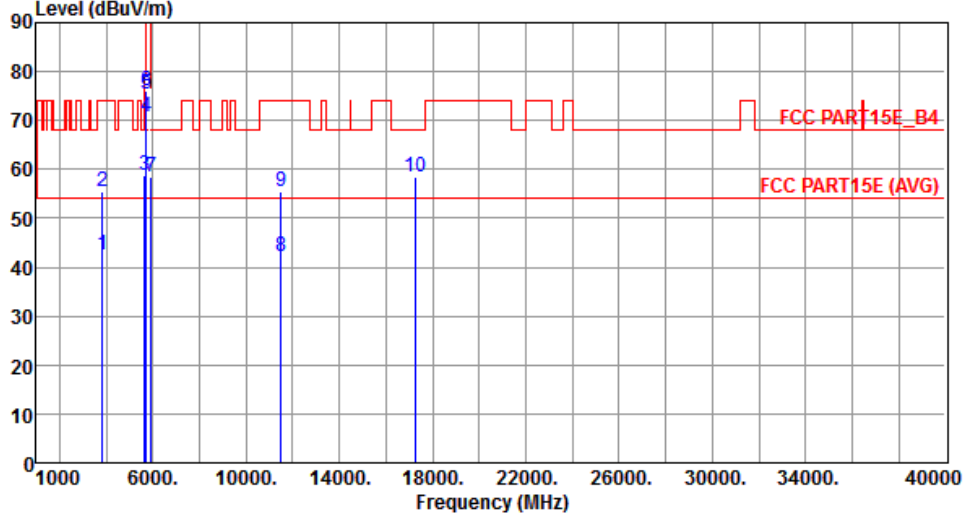
Modulation	VHT40	Test Freq. (MHz)	5755
Polarization	Horizontal		



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	3836.66	42.99	54.00	-11.01	41.01	1.98	Average	112	20
2	3836.66	56.46	74.00	-17.54	54.48	1.98	Peak	112	20
3	5650.00	58.46	68.20	-9.74	52.77	5.69	Peak	112	217
4	5700.00	68.16	105.20	-37.04	62.39	5.77	Peak	112	217
5	5720.00	72.15	110.80	-38.65	66.36	5.79	Peak	112	217
6	5725.00	73.21	122.20	-48.99	67.40	5.81	Peak	112	217
7	5925.00	59.53	68.20	-8.67	53.44	6.09	Peak	112	217
8	11510.00	42.68	54.00	-11.32	27.96	14.72	Average	100	173
9	11510.00	56.16	74.00	-17.84	41.44	14.72	Peak	100	173
10	17265.00	58.62	68.20	-9.58	41.45	17.17	Peak	100	38

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

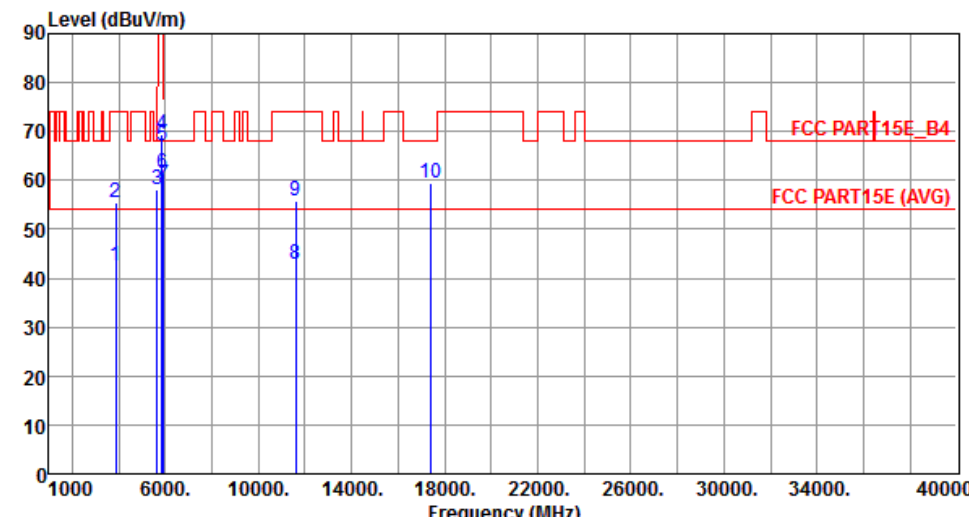
Modulation	VHT40	Test Freq. (MHz)	5755
Polarization	Vertical		



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	3836.66	42.43	54.00	-11.57	40.45	1.98	Average	100	155
2	3836.66	55.43	74.00	-18.57	53.45	1.98	Peak	100	155
3	5650.00	58.83	68.20	-9.37	53.14	5.69	Peak	152	270
4	5700.00	70.85	105.20	-34.35	65.08	5.77	Peak	152	270
5	5720.00	75.50	110.80	-35.30	69.71	5.79	Peak	152	270
6	5725.00	75.92	122.20	-46.28	70.11	5.81	Peak	152	270
7	5925.00	58.41	68.20	-9.79	52.32	6.09	Peak	152	270
8	11510.00	42.27	54.00	-11.73	27.55	14.72	Average	100	165
9	11510.00	55.44	74.00	-18.56	40.72	14.72	Peak	100	165
10	17265.00	58.56	68.20	-9.64	41.39	17.17	Peak	100	196

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

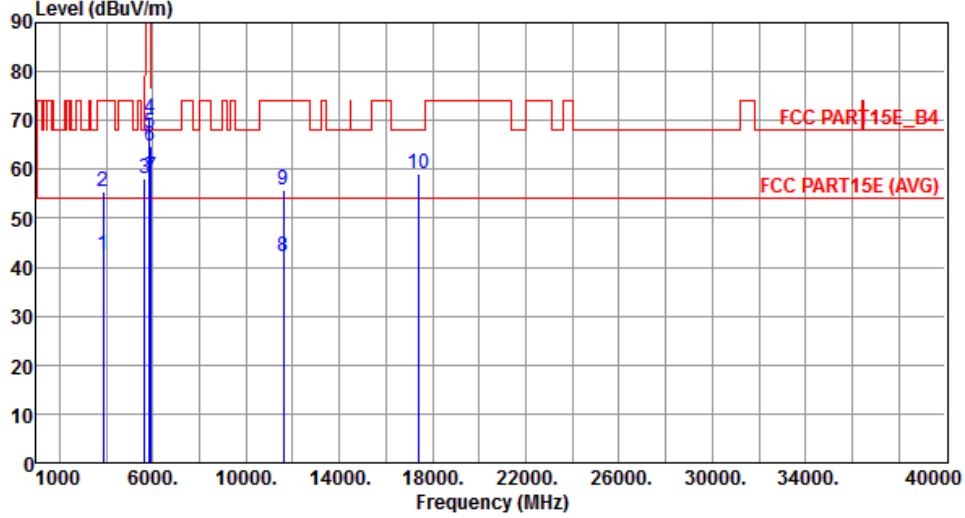
Modulation	VHT40	Test Freq. (MHz)	5795
Polarization	Horizontal		



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	3863.33	42.51	54.00	-11.49	40.44	2.07	Average	100	165
2	3863.33	55.34	74.00	-18.66	53.27	2.07	Peak	100	165
3	5650.00	57.97	68.20	-10.23	52.28	5.69	Peak	135	222
4	5850.00	69.45	122.20	-52.75	63.46	5.99	Peak	135	222
5	5855.00	67.23	110.80	-43.57	61.23	6.00	Peak	135	222
6	5875.00	61.54	105.20	-43.66	55.52	6.02	Peak	135	222
7	5925.00	58.97	68.20	-9.23	52.88	6.09	Peak	135	222
8	11590.00	42.80	54.00	-11.20	28.24	14.56	Average	100	142
9	11590.00	55.92	74.00	-18.08	41.36	14.56	Peak	100	142
10	17385.00	59.35	68.20	-8.85	41.68	17.67	Peak	100	192

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

Modulation	VHT40	Test Freq. (MHz)	5795
Polarization	Vertical		

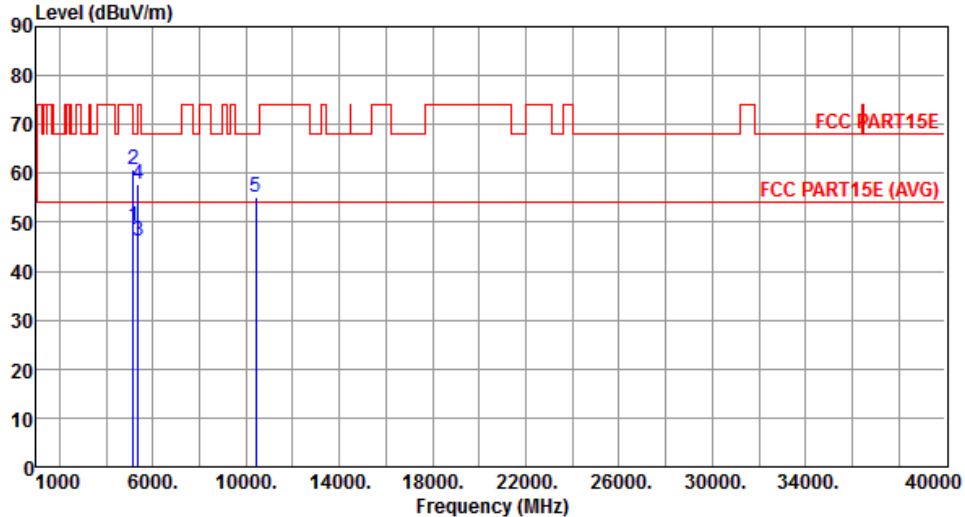


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	3863.33	42.51	54.00	-11.49	40.44	2.07	Average	100	196
2	3863.33	55.45	74.00	-18.55	53.38	2.07	Peak	100	196
3	5650.00	58.13	68.20	-10.07	52.44	5.69	Peak	152	272
4	5850.00	70.43	122.20	-51.77	64.44	5.99	Peak	152	272
5	5855.00	67.43	110.80	-43.37	61.43	6.00	Peak	152	272
6	5875.00	64.67	105.20	-40.53	58.65	6.02	Peak	152	272
7	5925.00	58.48	68.20	-9.72	52.39	6.09	Peak	152	272
8	11590.00	42.24	54.00	-11.76	27.68	14.56	Average	100	212
9	11590.00	55.94	74.00	-18.06	41.38	14.56	Peak	100	212
10	17385.00	59.11	68.20	-9.09	41.44	17.67	Peak	100	263

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

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

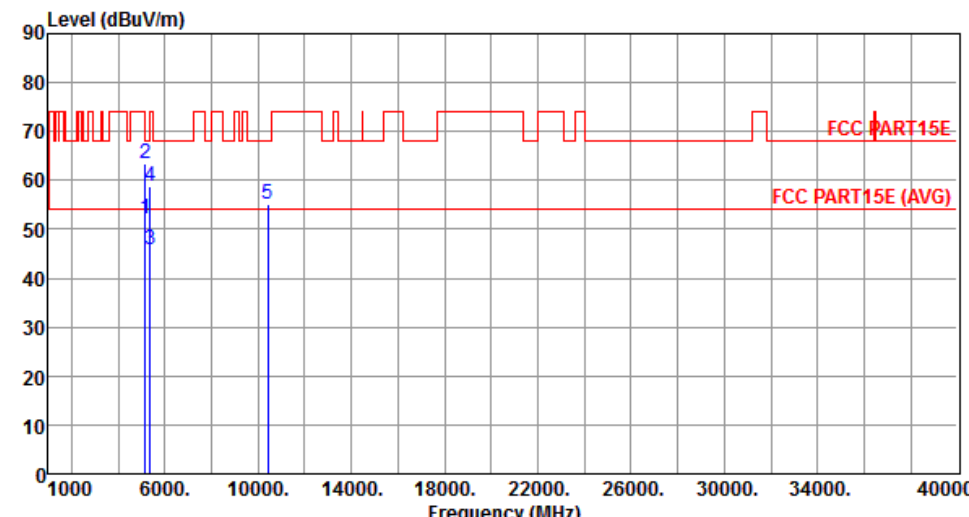
Modulation	VHT80	Test Freq. (MHz)	5210
Polarization	Horizontal		



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	49.19	54.00	-4.81	44.17	5.02	Average	100	213
2	5150.00	60.80	74.00	-13.20	55.78	5.02	Peak	100	213
3	5350.00	46.02	54.00	-7.98	40.71	5.31	Average	100	213
4	5350.00	57.80	74.00	-16.20	52.49	5.31	Peak	100	213
5	10420.00	55.16	68.20	-13.04	41.38	13.78	Peak	100	174

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

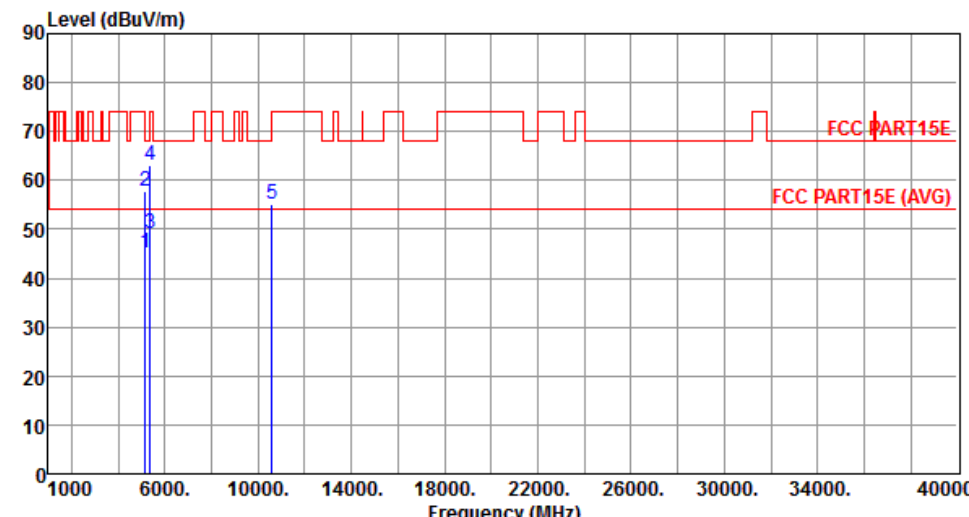
Modulation	VHT80	Test Freq. (MHz)	5210
Polarization	Vertical		



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	52.03	54.00	-1.97	47.01	5.02	Average	160	197
2	5150.00	63.56	74.00	-10.44	58.54	5.02	Peak	160	197
3	5350.00	45.94	54.00	-8.06	40.63	5.31	Average	160	197
4	5350.00	58.86	74.00	-15.14	53.55	5.31	Peak	160	197
5	10420.00	55.23	68.20	-12.97	41.45	13.78	Peak	100	156

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

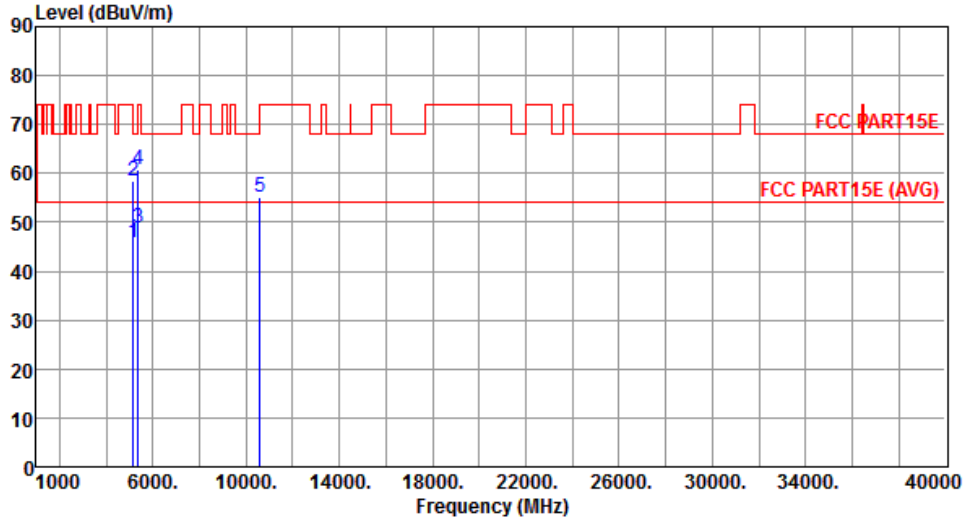
Modulation	VHT80	Test Freq. (MHz)	5290
Polarization	Horizontal		



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	45.29	54.00	-8.71	40.27	5.02	Average	159	214
2	5150.00	57.79	74.00	-16.21	52.77	5.02	Peak	159	214
3	5350.00	49.31	54.00	-4.69	44.00	5.31	Average	159	214
4	5350.00	63.14	74.00	-10.86	57.83	5.31	Peak	159	214
5	10580.00	55.15	68.20	-13.05	41.25	13.90	Peak	100	166

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

Modulation	VHT80	Test Freq. (MHz)	5290
Polarization	Vertical		

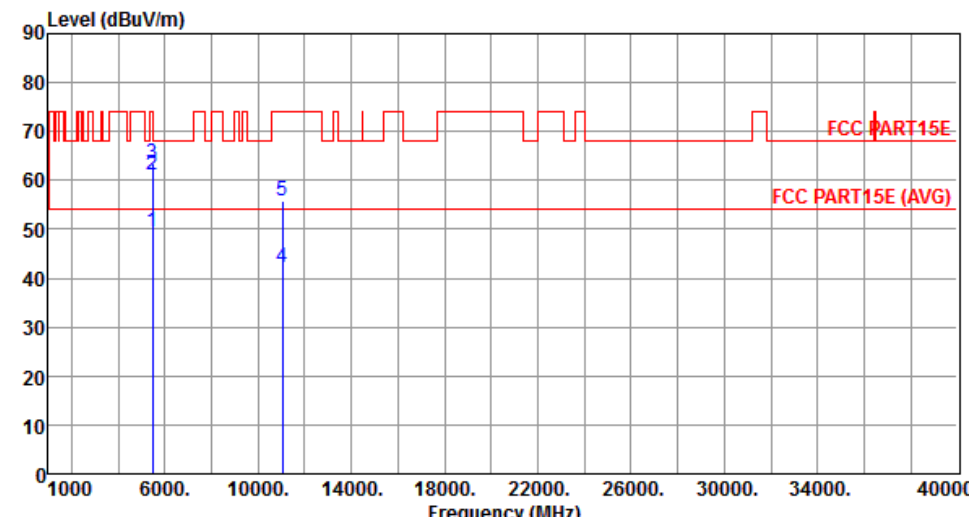


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	45.68	54.00	-8.32	40.66	5.02	Average	124	191
2	5150.00	58.50	74.00	-15.50	53.48	5.02	Peak	124	191
3	5350.00	48.74	54.00	-5.26	43.43	5.31	Average	124	191
4	5350.00	60.84	74.00	-13.16	55.53	5.31	Peak	124	191
5	10580.00	55.22	68.20	-12.98	41.32	13.90	Peak	100	173

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

Modulation	VHT80	Test Freq. (MHz)	5530
Polarization	Horizontal		
Level (dBuV/m) </			

Modulation	VHT80	Test Freq. (MHz)	5530
Polarization	Vertical		



	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	49.40	54.00	-4.60	43.94	5.46	Average	191	280
2	5460.00	61.14	74.00	-12.86	55.68	5.46	Peak	191	280
3	5470.00	63.54	68.20	-4.66	58.07	5.47	Peak	191	280
4	11060.00	42.17	54.00	-11.83	27.82	14.35	Average	100	185
5	11060.00	55.80	74.00	-18.20	41.45	14.35	Peak	100	185

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

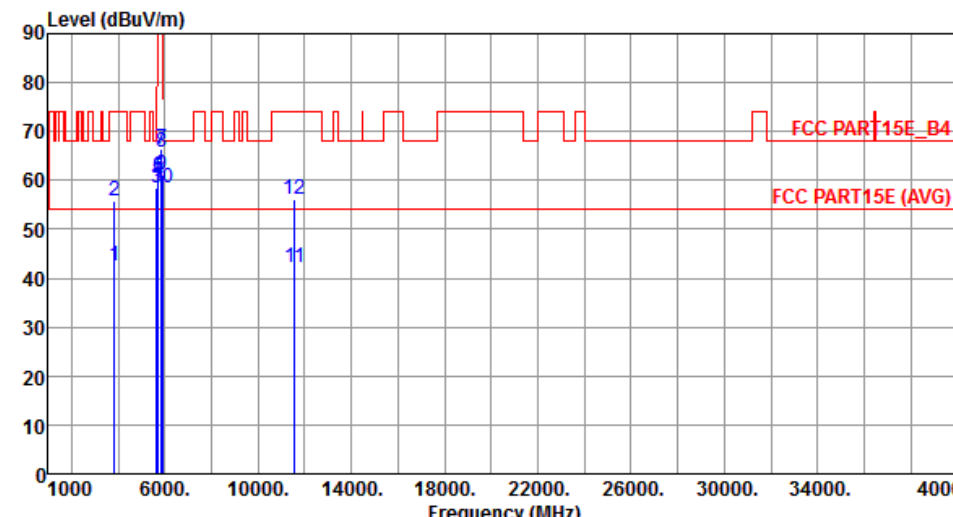
Modulation	VHT80	Test Freq. (MHz)	5610
Polarization	Horizontal		
Level (dBuV/m)			

Modulation	VHT80	Test Freq. (MHz)	5610
Polarization	Vertical		
Level (dBuV/m)			

Modulation	VHT80	Test Freq. (MHz)	5690
Polarization	Horizontal		
Level (dBuV/m) <			

Modulation	VHT80	Test Freq. (MHz)	5690
Polarization	Vertical		
Level (dBuV/m) </			

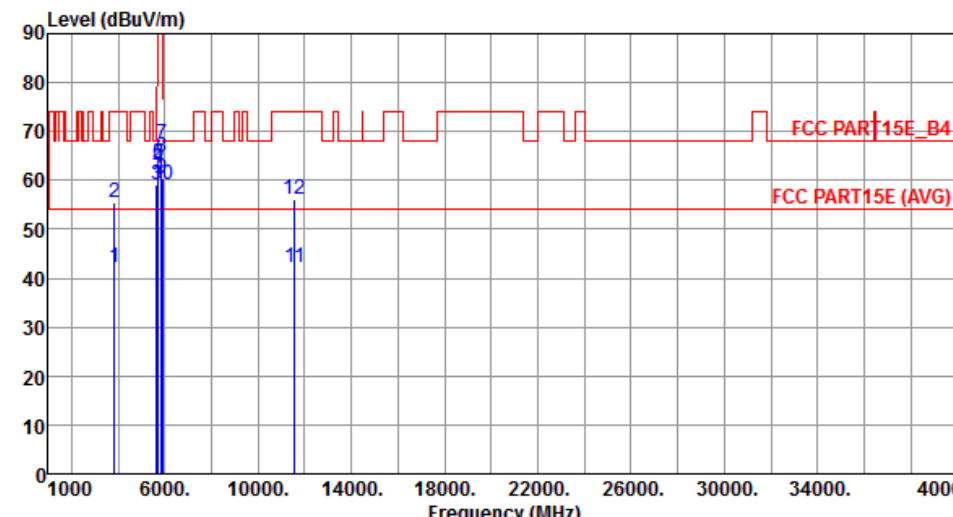
Modulation	VHT80	Test Freq. (MHz)	5775
Polarization	Horizontal		



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	3850.00	42.46	54.00	-11.54	40.44	2.02	Average	100	165
2	3850.00	55.80	74.00	-18.20	53.78	2.02	Peak	100	165
3	5650.00	58.59	68.20	-9.61	52.90	5.69	Peak	135	216
4	5700.00	59.89	105.20	-45.31	54.12	5.77	Peak	135	216
5	5720.00	60.48	110.80	-50.32	54.69	5.79	Peak	135	216
6	5725.00	60.77	122.20	-61.43	54.96	5.81	Peak	135	216
7	5850.00	66.26	122.20	-55.94	60.27	5.99	Peak	135	216
8	5855.00	65.63	110.80	-45.17	59.63	6.00	Peak	135	216
9	5875.00	61.10	105.20	-44.10	55.08	6.02	Peak	135	216
10	5925.00	58.36	68.20	-9.84	52.27	6.09	Peak	135	216
11	11550.00	42.27	54.00	-11.73	27.63	14.64	Average	100	205
12	11550.00	56.08	74.00	-17.92	41.44	14.64	Peak	100	205

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

Modulation	VHT80	Test Freq. (MHz)	5775
Polarization	Vertical		



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	3850.00	42.17	54.00	-11.83	40.15	2.02	Average	100	172
2	3850.00	55.30	74.00	-18.70	53.28	2.02	Peak	100	172
3	5650.00	59.04	68.20	-9.16	53.35	5.69	Peak	153	271
4	5700.00	62.48	105.20	-42.72	56.71	5.77	Peak	153	271
5	5720.00	63.43	110.80	-47.37	57.64	5.79	Peak	153	271
6	5725.00	63.35	122.20	-58.85	57.54	5.81	Peak	153	271
7	5850.00	67.34	122.20	-54.86	61.35	5.99	Peak	153	271
8	5855.00	64.68	110.80	-46.12	58.68	6.00	Peak	153	271
9	5875.00	60.60	105.20	-44.60	54.58	6.02	Peak	153	271
10	5925.00	59.23	68.20	-8.97	53.14	6.09	Peak	153	271
11	11550.00	42.20	54.00	-11.80	27.56	14.64	Average	100	162
12	11550.00	55.97	74.00	-18.03	41.33	14.64	Peak	100	162

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

3.6 Frequency Stability

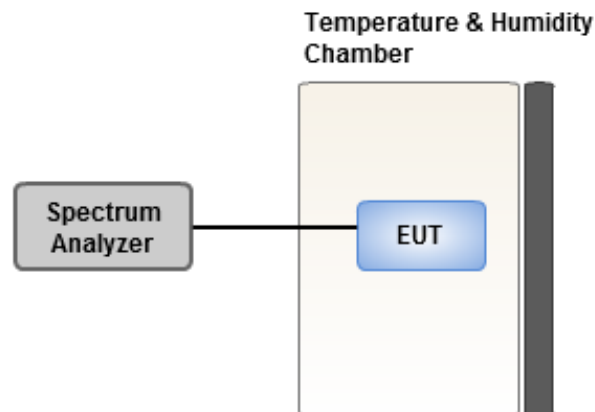
3.6.1 Limit of Frequency Stability

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 85 centigrade and 85 to 115 percent of the nominal voltage. Change setting of chamber and external power source to complete all conditions.

3.6.3 Test Setup



3.6.4 Test Result of Frequency Stability

Frequency: 5320 MHz	Frequency Drift (ppm)			
Temperature (°C)	0 minute	2 minutes	5 minutes	10 minutes
T20°C Vmax	15.83	16.17	16.30	15.87
T20°C Vmin	13.23	13.29	13.69	13.43
T85°C Vnom	13.51	14.34	13.64	13.86
T80°C Vnom	11.46	12.06	11.81	11.28
T70°C Vnom	11.44	11.91	11.40	11.20
T60°C Vnom	10.72	11.33	10.76	11.17
T50°C Vnom	11.63	11.76	11.25	11.90
T40°C Vnom	8.52	8.20	8.35	9.09
T30°C Vnom	8.66	9.02	9.07	9.14
T20°C Vnom	9.47	9.77	9.63	9.13
T10°C Vnom	7.42	8.03	7.64	7.67
T0°C Vnom	9.67	10.01	10.03	9.58
T-10°C Vnom	7.47	7.42	7.14	7.55
T-20°C Vnom	7.84	8.49	7.96	8.08
T-30°C Vnom	7.30	8.14	7.82	7.76
Vnom [Vac]: 120		Vmax [Vac]: 138		Vmin [Vac]: 102
Tnom [°C]: 20		Tmax [°C]: 85		Tmin [°C]: -30

Frequency: 5785 MHz	Frequency Drift (ppm)			
Temperature (°C)	0 minute	2 minutes	5 minutes	10 minutes
T20°C Vmax	14.54	14.84	14.91	15.11
T20°C Vmin	12.32	12.03	11.69	12.53
T85°C Vnom	12.76	12.40	12.68	12.16
T80°C Vnom	11.28	11.48	11.05	11.07
T70°C Vnom	10.64	11.29	11.30	10.57
T60°C Vnom	10.24	9.63	9.85	10.14
T50°C Vnom	11.05	10.77	10.80	11.39
T40°C Vnom	8.44	8.24	8.48	8.06
T30°C Vnom	8.61	8.72	8.72	8.64
T20°C Vnom	9.85	10.11	9.41	9.72
T10°C Vnom	7.17	7.41	7.53	7.41
T0°C Vnom	8.99	8.46	8.45	8.67
T-10°C Vnom	6.77	6.58	7.41	7.30
T-20°C Vnom	7.83	7.91	7.40	7.97
T-30°C Vnom	7.06	7.50	7.60	7.07
Vnom [Vac]: 120		Vmax [Vac]: 138		Vmin [Vac]: 102
Tnom [°C]: 20		Tmax [°C]: 85		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 (EMC and Wireless Communication Laboratory), 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 District. Location map can be found on our website <http://www.icertifi.com.tw>.

Linkou

Tel: 886-2-2601-1640

No. 30-2, Ding Fwu Tsuen, Lin
Kou District, New Taipei City,
Taiwan, R.O.C.

Kwei Shan

Tel: 886-3-271-8666

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

Kwei Shan Site II

Tel: 886-3-271-8640

No. 14-1, Lane 19, Wen San 3rd
St., Kwei Shan District, Tao Yuan
City 333, Taiwan, R.O.C.

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

Tel: 886-3-271-8666

Fax: 886-3-318-0155

Email: ICC_Service@icertifi.com.tw

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