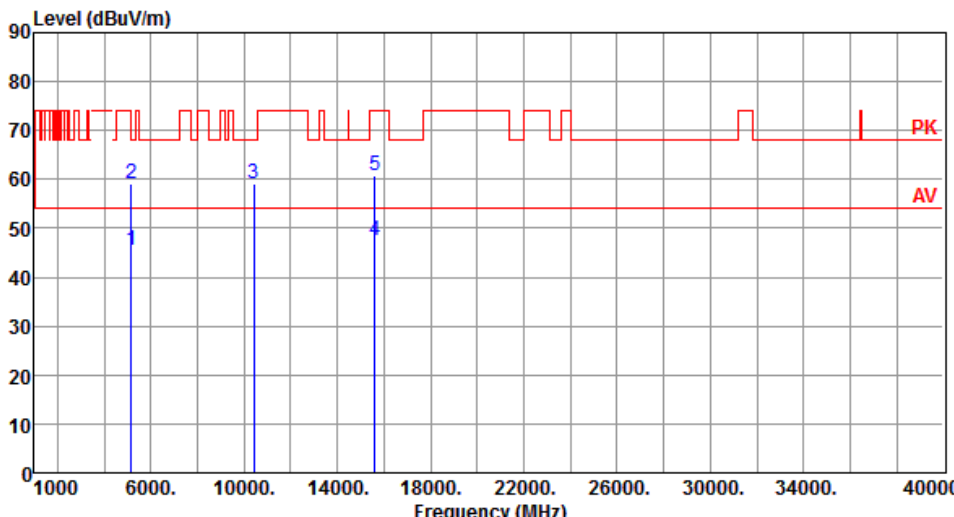


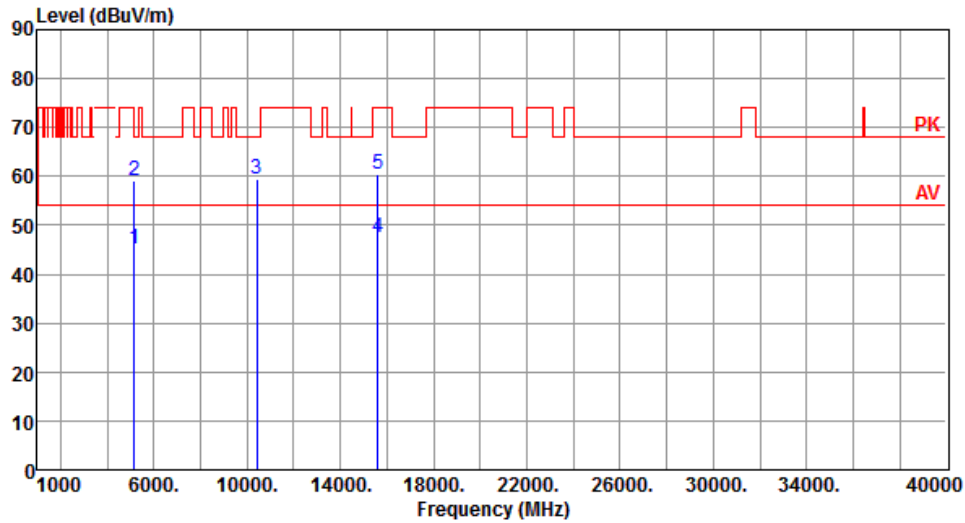
Modulation	ax HE20	Test Freq. (MHz)	5200
Polarization	Horizontal		



	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	45.36	54.00	-8.64	40.72	4.64	Average	210	163
2	5150.00	59.28	74.00	-14.72	54.64	4.64	Peak	210	163
3	10400.00	59.26	68.20	-8.94	44.96	14.30	Peak	100	31
4	15600.00	47.44	54.00	-6.56	32.80	14.64	Average	100	23
5	15600.00	60.68	74.00	-13.32	46.04	14.64	Peak	100	23

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

Modulation	ax HE20	Test Freq. (MHz)	5200
Polarization	Vertical		



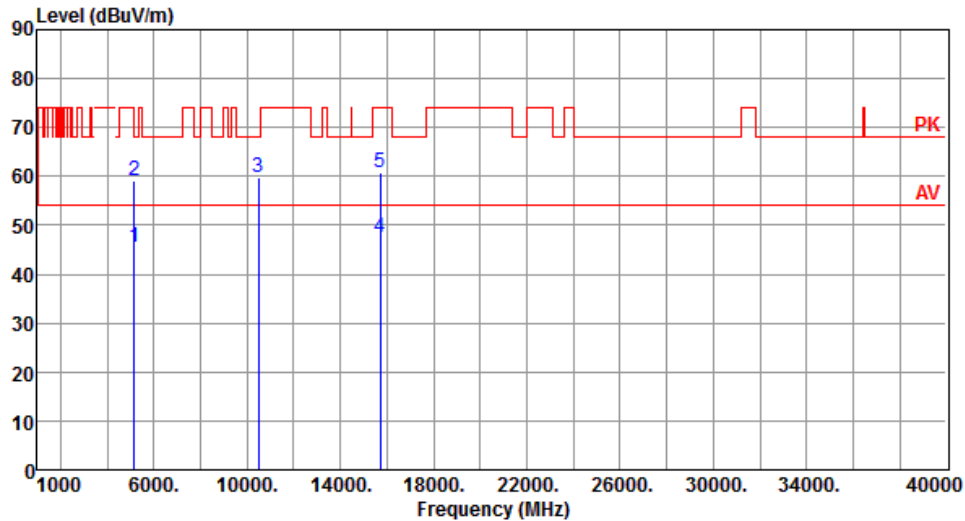
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	45.24	54.00	-8.76	40.60	4.64	Average	100	146
2	5150.00	59.16	74.00	-14.84	54.52	4.64	Peak	100	146
3	10400.00	59.34	68.20	-8.86	45.04	14.30	Peak	100	57
4	15600.00	47.54	54.00	-6.46	32.90	14.64	Average	100	36
5	15600.00	60.52	74.00	-13.48	45.88	14.64	Peak	100	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	ax HE20	Test Freq. (MHz)	5240
Polarization	Horizontal		



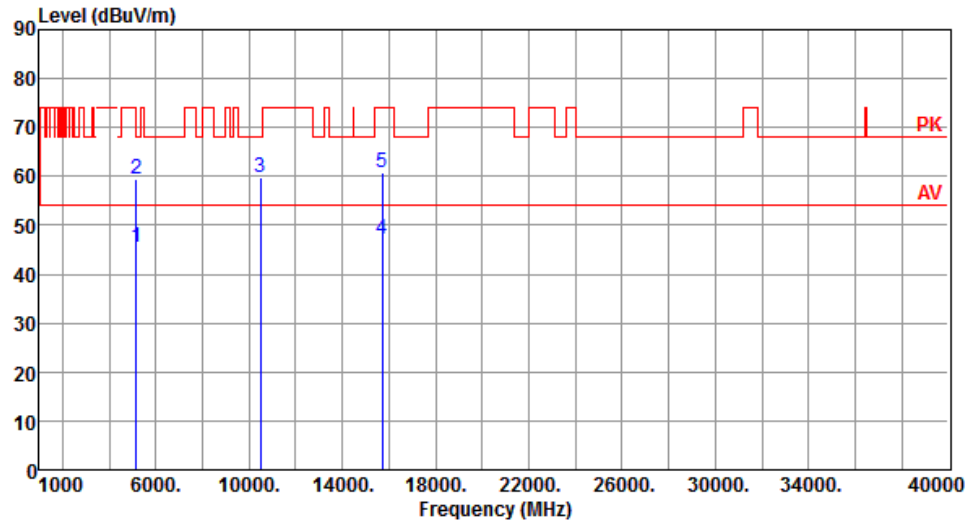
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	45.41	54.00	-8.59	40.77	4.64	Average	211	164
2	5150.00	59.26	74.00	-14.74	54.62	4.64	Peak	211	164
3	10480.00	59.82	68.20	-8.38	45.36	14.46	Peak	100	39
4	15720.00	47.54	54.00	-6.46	33.33	14.21	Average	100	18
5	15720.00	60.82	74.00	-13.18	46.61	14.21	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	ax HE20	Test Freq. (MHz)	5240
Polarization	Vertical		

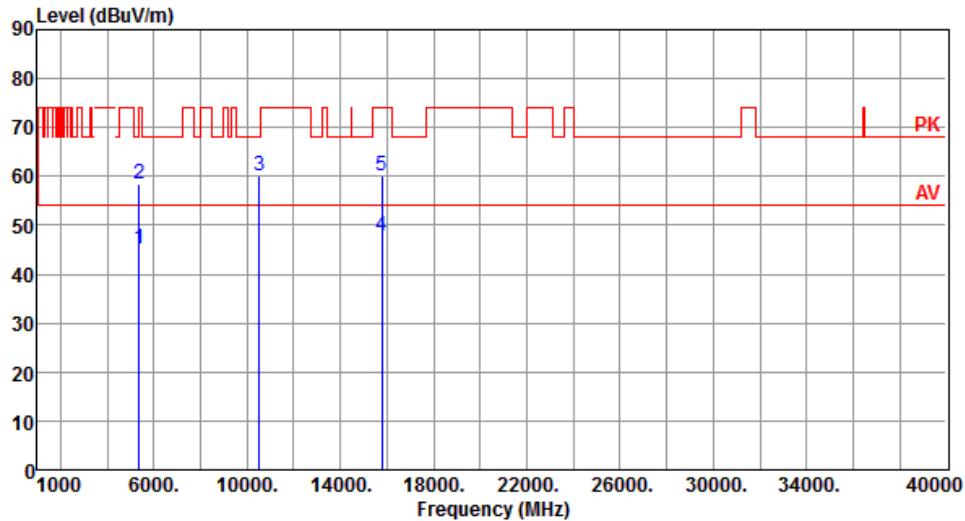


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	45.39	54.00	-8.61	40.75	4.64	Average	100	148
2	5150.00	59.38	74.00	-14.62	54.74	4.64	Peak	100	148
3	10480.00	59.69	68.20	-8.51	45.23	14.46	Peak	100	47
4	15720.00	47.26	54.00	-6.74	33.05	14.21	Average	100	59
5	15720.00	60.75	74.00	-13.25	46.54	14.21	Peak	100	59

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

Modulation	ax HE20	Test Freq. (MHz)	5260
Polarization	Horizontal		
Level (dBUV/m)			

Modulation	ax HE20	Test Freq. (MHz)	5260
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	45.20	54.00	-8.80	41.26	3.94	Average	105	139
2	5350.00	58.56	74.00	-15.44	54.62	3.94	Peak	105	139
3	10520.00	60.05	68.20	-8.15	45.59	14.46	Peak	100	69
4	15780.00	47.88	54.00	-6.12	33.70	14.18	Average	100	52
5	15780.00	60.13	74.00	-13.87	45.95	14.18	Peak	100	52

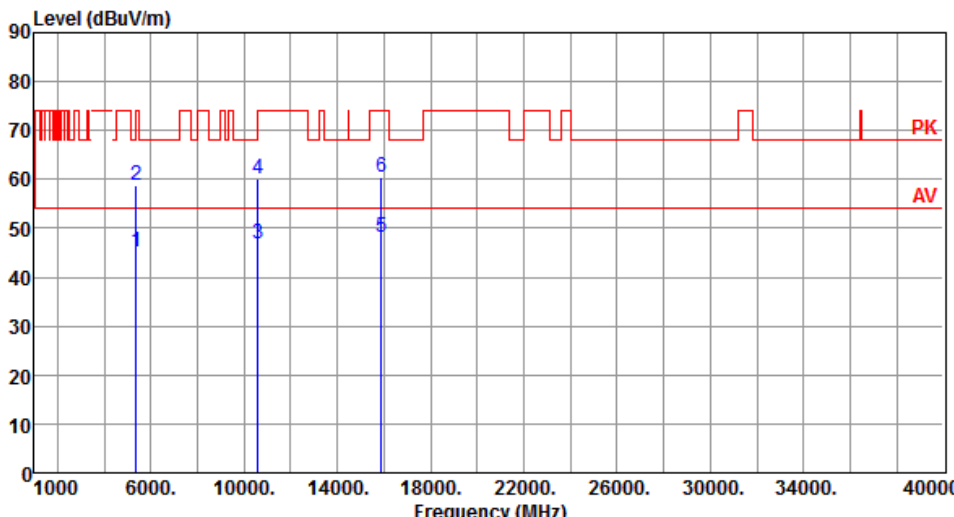
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

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

Modulation	ax HE20	Test Freq. (MHz)	5300
Polarization	Horizontal		
Level (dBuV/m)			

Modulation	ax HE20	Test Freq. (MHz)	5300
Polarization	Vertical		



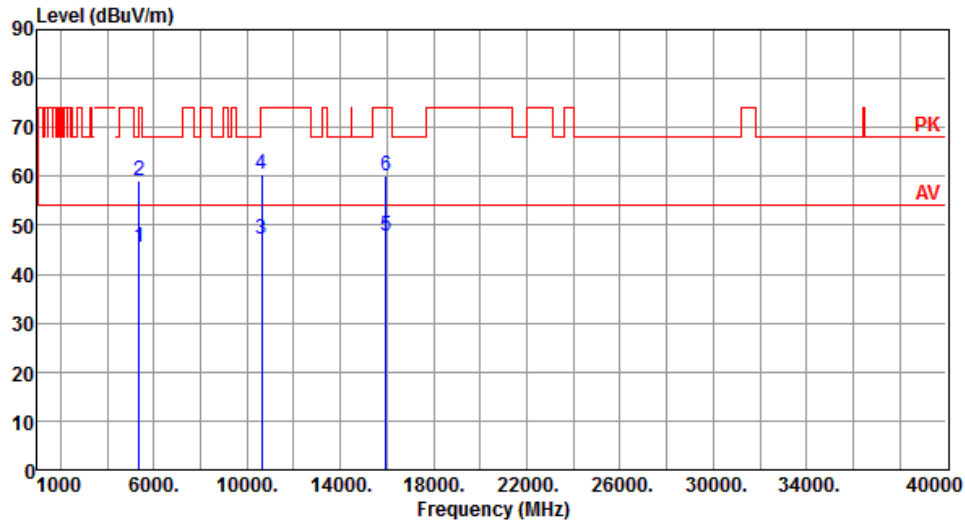
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	45.22	54.00	-8.78	41.28	3.94	Average	110	142
2	5350.00	58.74	74.00	-15.26	54.80	3.94	Peak	110	142
3	10600.00	46.95	54.00	-7.05	32.67	14.28	Average	100	58
4	10600.00	60.17	74.00	-13.83	45.89	14.28	Peak	100	58
5	15900.00	48.14	54.00	-5.86	33.89	14.25	Average	100	29
6	15900.00	60.35	74.00	-13.65	46.10	14.25	Peak	100	29

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

*Factor includes antenna factor , cable loss and amplifier gain

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

Modulation	ax HE20	Test Freq. (MHz)	5320
Polarization	Horizontal		



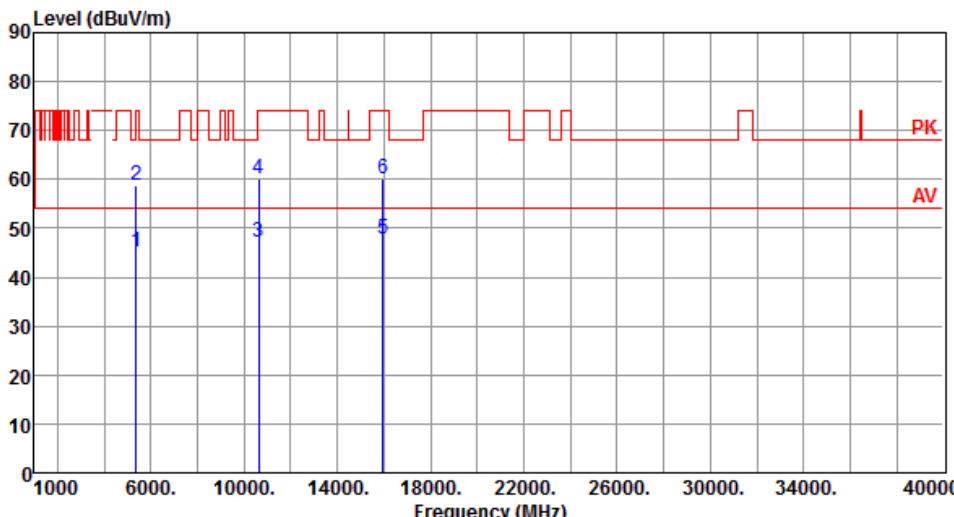
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	45.41	54.00	-8.59	41.47	3.94	Average	206	160
2	5350.00	58.96	74.00	-15.04	55.02	3.94	Peak	206	160
3	10640.00	47.15	54.00	-6.85	32.77	14.38	Average	100	82
4	10640.00	60.31	74.00	-13.69	45.93	14.38	Peak	100	82
5	15960.00	47.82	54.00	-6.18	33.60	14.22	Average	100	45
6	15960.00	60.16	74.00	-13.84	45.94	14.22	Peak	100	45

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

*Factor includes antenna factor , cable loss and amplifier gain

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

Modulation	ax HE20	Test Freq. (MHz)	5320
Polarization	Vertical		

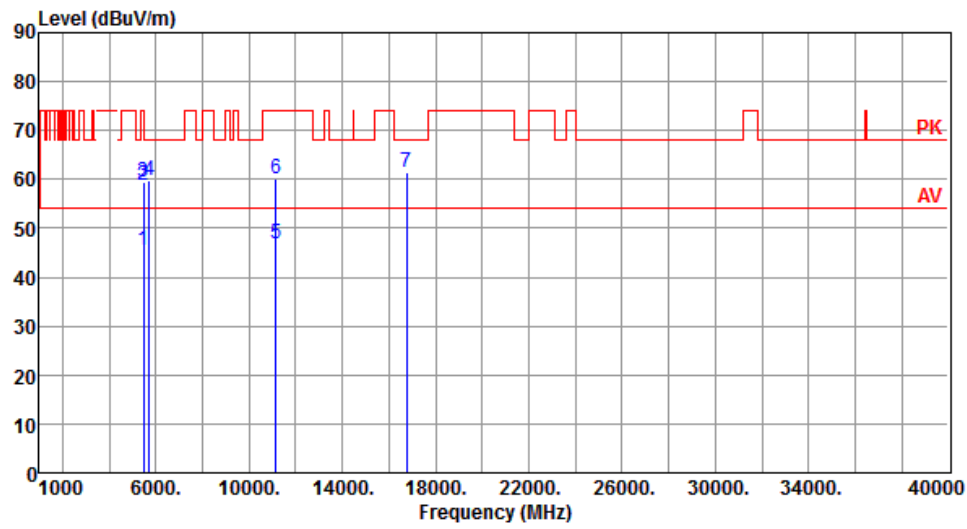


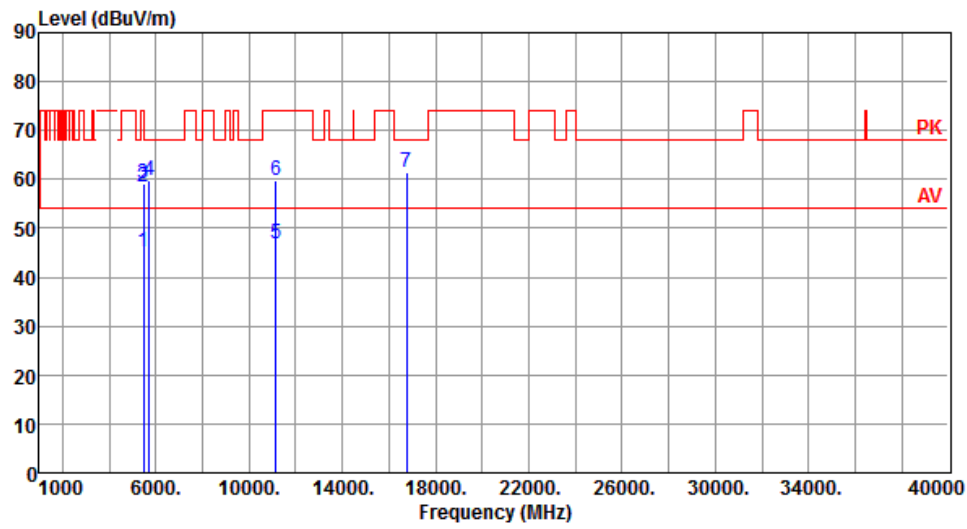
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn
	MHz	level	dBuV/m	dB	reading	dB		High	Table
		dBuV/m			dBuV			cm	deg
1	5350.00	45.23	54.00	-8.77	41.29	3.94	Average	100	146
2	5350.00	58.79	74.00	-15.21	54.85	3.94	Peak	100	146
3	10640.00	47.06	54.00	-6.94	32.68	14.38	Average	100	71
4	10640.00	60.25	74.00	-13.75	45.87	14.38	Peak	100	71
5	15960.00	47.75	54.00	-6.25	33.53	14.22	Average	100	53
6	15960.00	60.05	74.00	-13.95	45.83	14.22	Peak	100	53

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

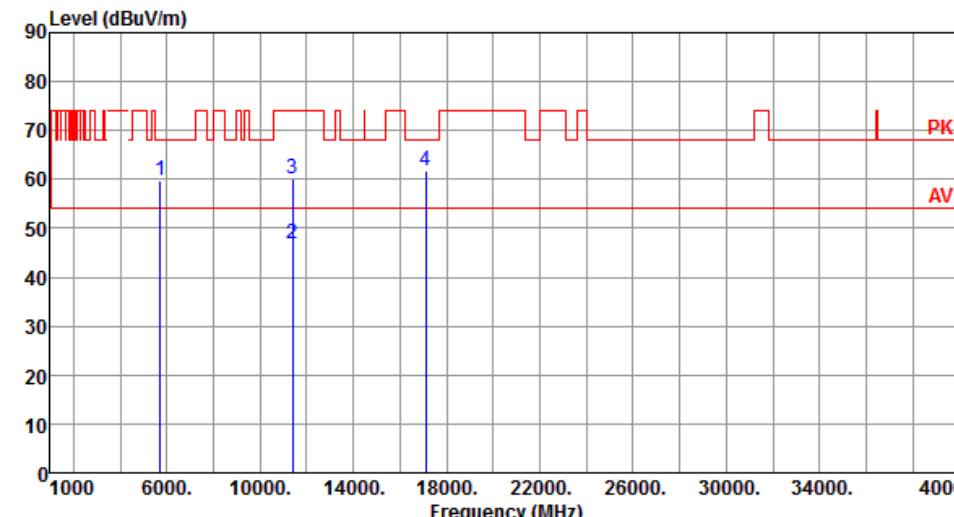
Modulation	ax HE20	Test Freq. (MHz)	5500
Polarization	Horizontal		
Level (dBUV/m)			

Modulation	ax HE20	Test Freq. (MHz)	5500
Polarization	Vertical		
Level (dBUV/m)			

Modulation	ax HE20	Test Freq. (MHz)	5580																																																																																																				
Polarization	Horizontal																																																																																																						
Level (dBuV/m)  Frequency (MHz) <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></th><th></th><th></th><th></th><th></th><th></th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5460.00</td><td>45.39</td><td>54.00</td><td>-8.61</td><td>40.94</td><td>4.45</td><td>Average</td><td>208</td><td>142</td></tr><tr><td>2</td><td>5460.00</td><td>58.65</td><td>74.00</td><td>-15.35</td><td>54.20</td><td>4.45</td><td>Peak</td><td>208</td><td>142</td></tr><tr><td>3</td><td>5470.00</td><td>59.29</td><td>68.20</td><td>-8.91</td><td>54.79</td><td>4.50</td><td>Peak</td><td>208</td><td>142</td></tr><tr><td>4</td><td>5725.00</td><td>59.77</td><td>68.20</td><td>-8.43</td><td>54.92</td><td>4.85</td><td>Peak</td><td>208</td><td>142</td></tr><tr><td>5</td><td>11160.00</td><td>46.72</td><td>54.00</td><td>-7.28</td><td>32.34</td><td>14.38</td><td>Average</td><td>100</td><td>53</td></tr><tr><td>6</td><td>11160.00</td><td>60.04</td><td>74.00</td><td>-13.96</td><td>45.66</td><td>14.38</td><td>Peak</td><td>100</td><td>53</td></tr><tr><td>7</td><td>16740.00</td><td>61.59</td><td>68.20</td><td>-6.61</td><td>44.12</td><td>17.47</td><td>Peak</td><td>100</td><td>62</td></tr></table>					Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn		MHz	level	dBuV/m	dB	reading	dB		High	Table									cm	deg	1	5460.00	45.39	54.00	-8.61	40.94	4.45	Average	208	142	2	5460.00	58.65	74.00	-15.35	54.20	4.45	Peak	208	142	3	5470.00	59.29	68.20	-8.91	54.79	4.50	Peak	208	142	4	5725.00	59.77	68.20	-8.43	54.92	4.85	Peak	208	142	5	11160.00	46.72	54.00	-7.28	32.34	14.38	Average	100	53	6	11160.00	60.04	74.00	-13.96	45.66	14.38	Peak	100	53	7	16740.00	61.59	68.20	-6.61	44.12	17.47	Peak	100	62
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																																																																														
	MHz	level	dBuV/m	dB	reading	dB		High	Table																																																																																														
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2	5460.00	58.65	74.00	-15.35	54.20	4.45	Peak	208	142																																																																																														
3	5470.00	59.29	68.20	-8.91	54.79	4.50	Peak	208	142																																																																																														
4	5725.00	59.77	68.20	-8.43	54.92	4.85	Peak	208	142																																																																																														
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7	16740.00	61.59	68.20	-6.61	44.12	17.47	Peak	100	62																																																																																														
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Modulation	ax HE20	Test Freq. (MHz)	5580																																																																																																				
Polarization	Vertical																																																																																																						
Level (dBuV/m)  Frequency (MHz) <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>5460.00</td><td>45.26</td><td>54.00</td><td>-8.74</td><td>40.81</td><td>4.45</td><td>Average</td><td>100</td><td>152</td></tr><tr><td>2</td><td>5460.00</td><td>58.51</td><td>74.00</td><td>-15.49</td><td>54.06</td><td>4.45</td><td>Peak</td><td>100</td><td>152</td></tr><tr><td>3</td><td>5470.00</td><td>59.15</td><td>68.20</td><td>-9.05</td><td>54.65</td><td>4.50</td><td>Peak</td><td>100</td><td>152</td></tr><tr><td>4</td><td>5725.00</td><td>59.68</td><td>68.20</td><td>-8.52</td><td>54.83</td><td>4.85</td><td>Peak</td><td>100</td><td>152</td></tr><tr><td>5</td><td>11160.00</td><td>46.69</td><td>54.00</td><td>-7.31</td><td>32.31</td><td>14.38</td><td>Average</td><td>100</td><td>48</td></tr><tr><td>6</td><td>11160.00</td><td>59.92</td><td>74.00</td><td>-14.08</td><td>45.54</td><td>14.38</td><td>Peak</td><td>100</td><td>48</td></tr><tr><td>7</td><td>16740.00</td><td>61.42</td><td>68.20</td><td>-6.78</td><td>43.95</td><td>17.47</td><td>Peak</td><td>100</td><td>14</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	5460.00	45.26	54.00	-8.74	40.81	4.45	Average	100	152	2	5460.00	58.51	74.00	-15.49	54.06	4.45	Peak	100	152	3	5470.00	59.15	68.20	-9.05	54.65	4.50	Peak	100	152	4	5725.00	59.68	68.20	-8.52	54.83	4.85	Peak	100	152	5	11160.00	46.69	54.00	-7.31	32.31	14.38	Average	100	48	6	11160.00	59.92	74.00	-14.08	45.54	14.38	Peak	100	48	7	16740.00	61.42	68.20	-6.78	43.95	17.47	Peak	100	14
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																																																																														
	MHz	level	dBuV/m	dB	reading	dB		High	Table																																																																																														
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7	16740.00	61.42	68.20	-6.78	43.95	17.47	Peak	100	14																																																																																														
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																																																																																							

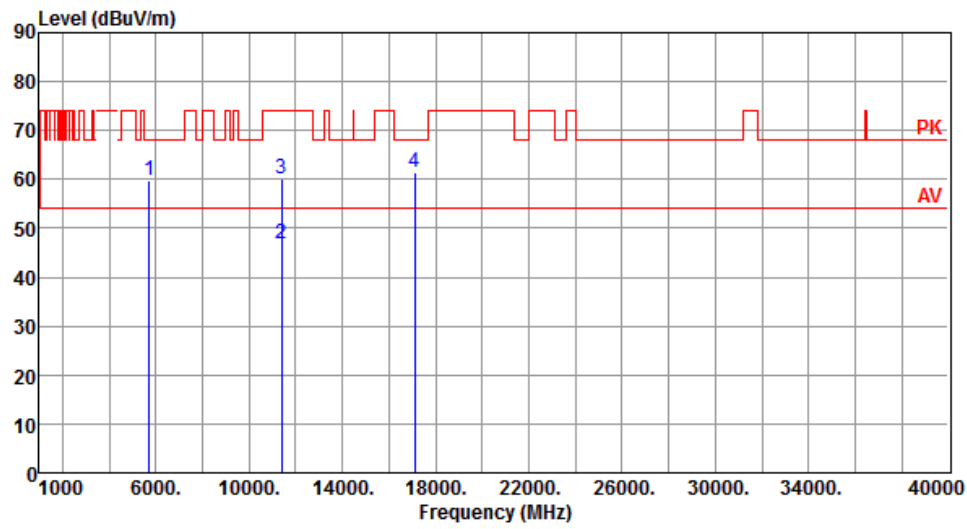
Modulation	ax HE20	Test Freq. (MHz)	5700
Polarization	Horizontal		



	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	59.81	68.20	-8.39	54.96	4.85	Peak	205	158
2	11400.00	46.91	54.00	-7.09	32.23	14.68	Average	100	62
3	11400.00	60.25	74.00	-13.75	45.57	14.68	Peak	100	62
4	17100.00	61.65	68.20	-6.55	43.97	17.68	Peak	100	58

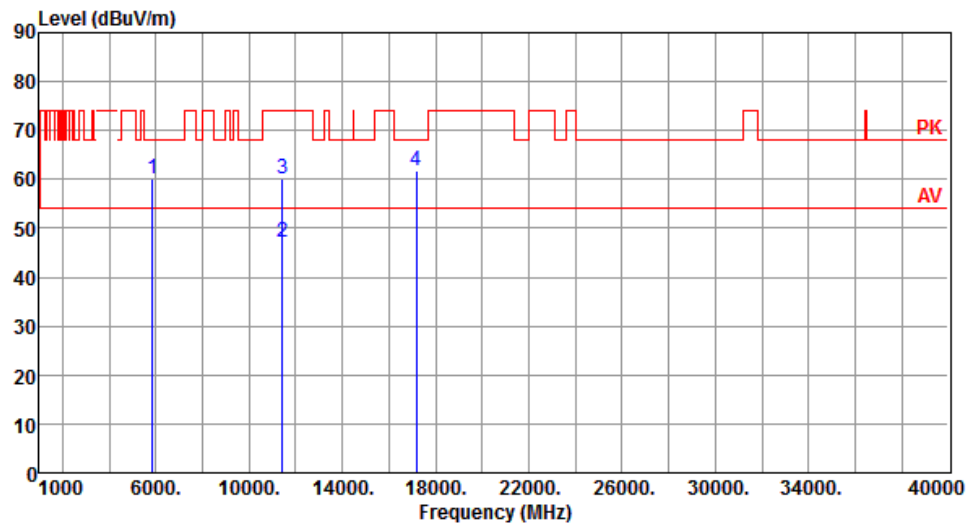
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20	Test Freq. (MHz)	5700
Polarization	Vertical		



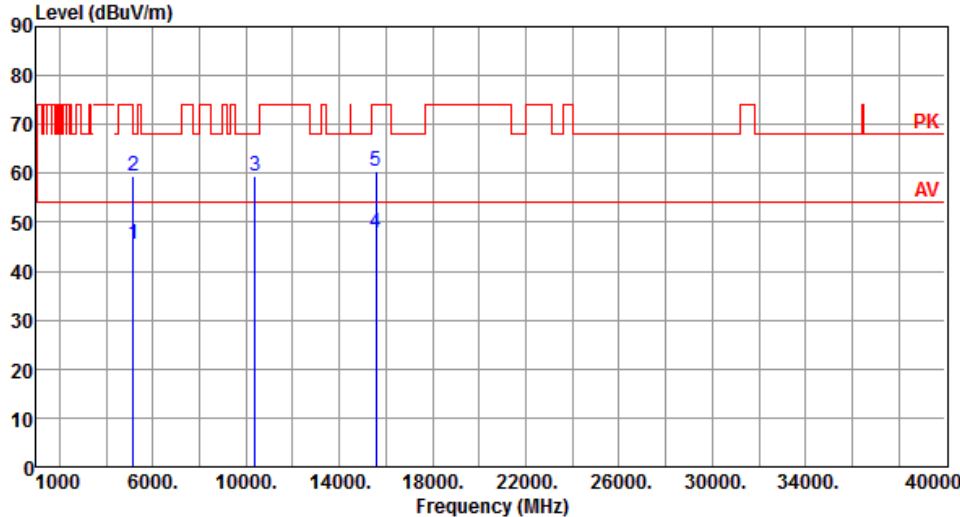
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5725.00	59.74	68.20	-8.46	54.89	4.85	Peak	100	146
2	11400.00	46.88	54.00	-7.12	32.20	14.68	Average	100	52
3	11400.00	60.12	74.00	-13.88	45.44	14.68	Peak	100	52
4	17100.00	61.52	68.20	-6.68	43.84	17.68	Peak	100	33

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

Modulation	ax HE20	Test Freq. (MHz)	5720																																																		
Polarization	Vertical																																																				
Level (dBuV/m)  Frequency (MHz) <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>5850.00</td><td>60.04</td><td>68.20</td><td>-8.16</td><td>54.59</td><td>5.45</td><td>Peak</td><td>100</td><td>155</td></tr><tr><td>2</td><td>11440.00</td><td>47.14</td><td>54.00</td><td>-6.86</td><td>32.48</td><td>14.66</td><td>Average</td><td>100</td><td>25</td></tr><tr><td>3</td><td>11440.00</td><td>60.25</td><td>74.00</td><td>-13.75</td><td>45.59</td><td>14.66</td><td>Peak</td><td>100</td><td>25</td></tr><tr><td>4</td><td>17160.00</td><td>61.77</td><td>68.20</td><td>-6.43</td><td>44.12</td><td>17.65</td><td>Peak</td><td>100</td><td>93</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	5850.00	60.04	68.20	-8.16	54.59	5.45	Peak	100	155	2	11440.00	47.14	54.00	-6.86	32.48	14.66	Average	100	25	3	11440.00	60.25	74.00	-13.75	45.59	14.66	Peak	100	25	4	17160.00	61.77	68.20	-6.43	44.12	17.65	Peak	100	93
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg																																												
1	5850.00	60.04	68.20	-8.16	54.59	5.45	Peak	100	155																																												
2	11440.00	47.14	54.00	-6.86	32.48	14.66	Average	100	25																																												
3	11440.00	60.25	74.00	-13.75	45.59	14.66	Peak	100	25																																												
4	17160.00	61.77	68.20	-6.43	44.12	17.65	Peak	100	93																																												
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																																					

3.5.10 Transmitter Radiated Unwanted Emissions (Above 1GHz) for ax HE40

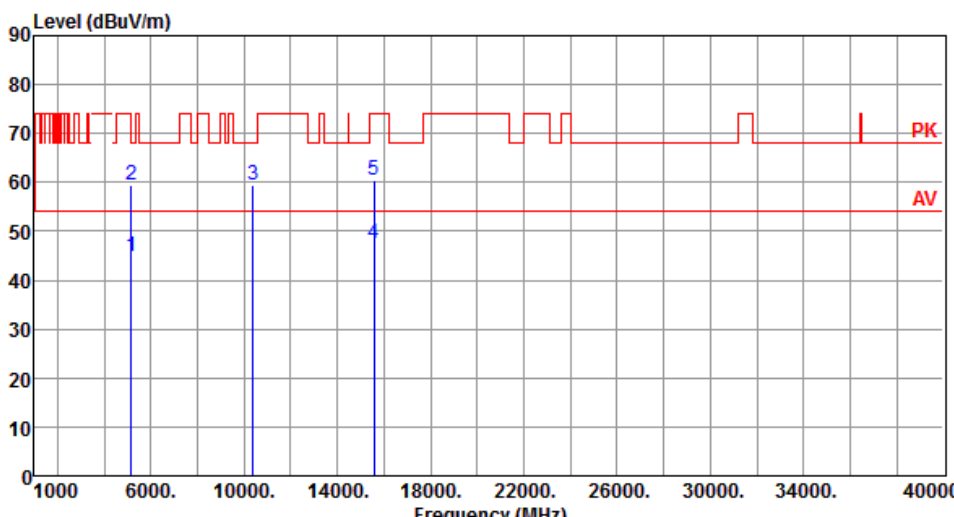
Modulation	ax HE40	Test Freq. (MHz)	5190
Polarization	Horizontal		



	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	45.62	54.00	-8.38	40.98	4.64	Average	222	116
2	5150.00	59.49	74.00	-14.51	54.85	4.64	Peak	222	116
3	10380.00	59.36	68.20	-8.84	45.12	14.24	Peak	100	22
4	15570.00	47.68	54.00	-6.32	32.90	14.78	Average	100	45
5	15570.00	60.59	74.00	-13.41	45.81	14.78	Peak	100	45

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

Modulation	ax HE40	Test Freq. (MHz)	5190
Polarization	Vertical		



	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn
	MHz	level	dBuV/m	dB	reading	dB		High	Table
								cm	deg
1	5150.00	44.77	54.00	-9.23	40.13	4.64	Average	100	141
2	5150.00	59.31	74.00	-14.69	54.67	4.64	Peak	100	141
3	10380.00	59.29	68.20	-8.91	45.05	14.24	Peak	100	35
4	15570.00	47.52	54.00	-6.48	32.74	14.78	Average	100	39
5	15570.00	60.48	74.00	-13.52	45.70	14.78	Peak	100	39

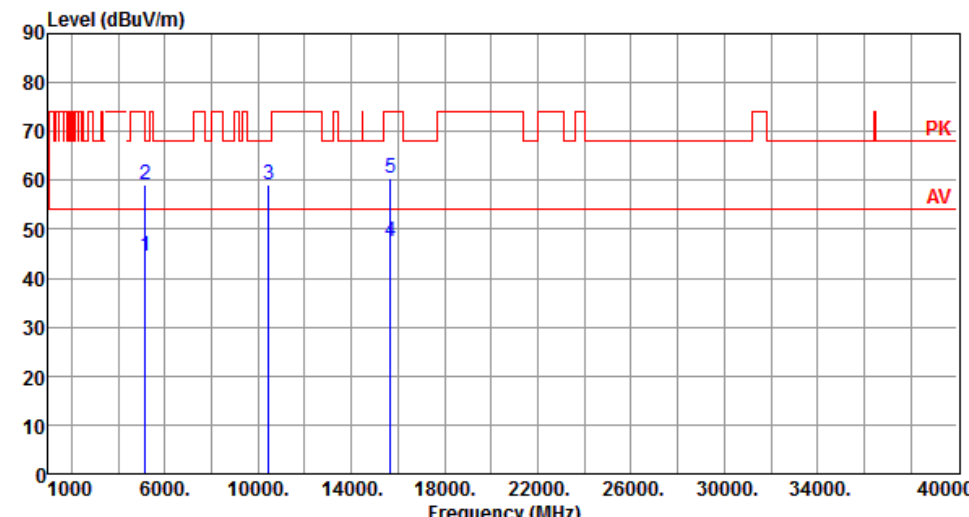
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

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

Modulation	ax HE40	Test Freq. (MHz)	5230
Polarization	Horizontal		
Level (dBuV/m) <			

Modulation	ax HE40	Test Freq. (MHz)	5230
Polarization	Vertical		



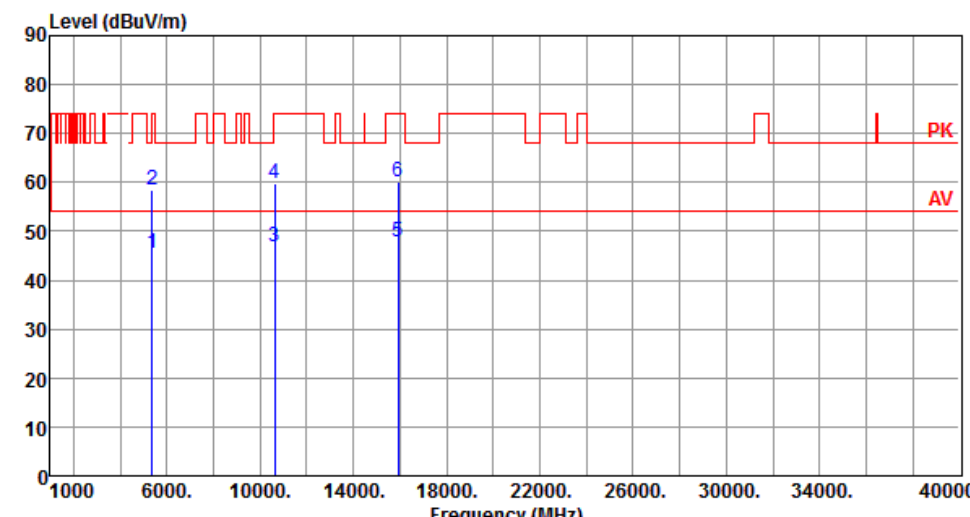
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	44.65	54.00	-9.35	40.01	4.64	Average	100	144
2	5150.00	59.22	74.00	-14.78	54.58	4.64	Peak	100	144
3	10460.00	59.15	68.20	-9.05	44.73	14.42	Peak	100	31
4	15690.00	47.44	54.00	-6.56	33.18	14.26	Average	100	31
5	15690.00	60.29	74.00	-13.71	46.03	14.26	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	ax HE40	Test Freq. (MHz)	5270
Polarization	Horizontal		
Level (dBuV/m)			

Modulation	ax HE40	Test Freq. (MHz)	5270
Polarization	Vertical		
Level (dBUV/m)			

Modulation	ax HE40	Test Freq. (MHz)	5310
Polarization	Horizontal		



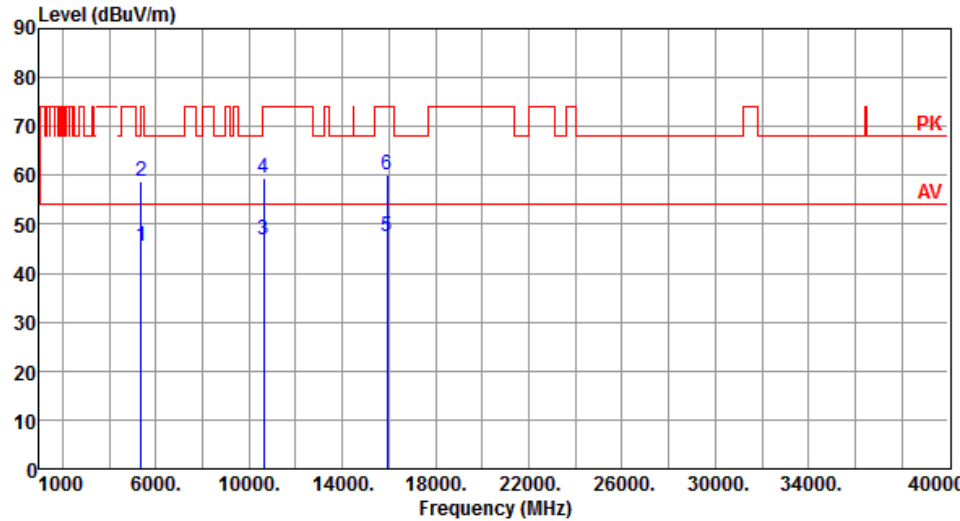
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn
	MHz	level	dBuV/m	dB	reading	dB		High	Table
								cm	deg
1	5350.00	45.41	54.00	-8.59	41.47	3.94	Average	215	117
2	5350.00	58.36	74.00	-15.64	54.42	3.94	Peak	215	117
3	10620.00	46.81	54.00	-7.19	32.47	14.34	Average	100	25
4	10620.00	59.62	74.00	-14.38	45.28	14.34	Peak	100	25
5	15930.00	47.69	54.00	-6.31	33.46	14.23	Average	100	42
6	15930.00	60.02	74.00	-13.98	45.79	14.23	Peak	100	42

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

*Factor includes antenna factor , cable loss and amplifier gain

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

Modulation	ax HE40	Test Freq. (MHz)	5310
Polarization	Vertical		



	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn
	MHz	level	dBuV/m	dB	reading	dB		High	Table
								cm	deg
1	5350.00	45.47	54.00	-8.53	41.53	3.94	Average	105	144
2	5350.00	58.81	74.00	-15.19	54.87	3.94	Peak	105	144
3	10620.00	46.72	54.00	-7.28	32.38	14.34	Average	100	29
4	10620.00	59.58	74.00	-14.42	45.24	14.34	Peak	100	29
5	15930.00	47.55	54.00	-6.45	33.32	14.23	Average	100	38
6	15930.00	60.06	74.00	-13.94	45.83	14.23	Peak	100	38

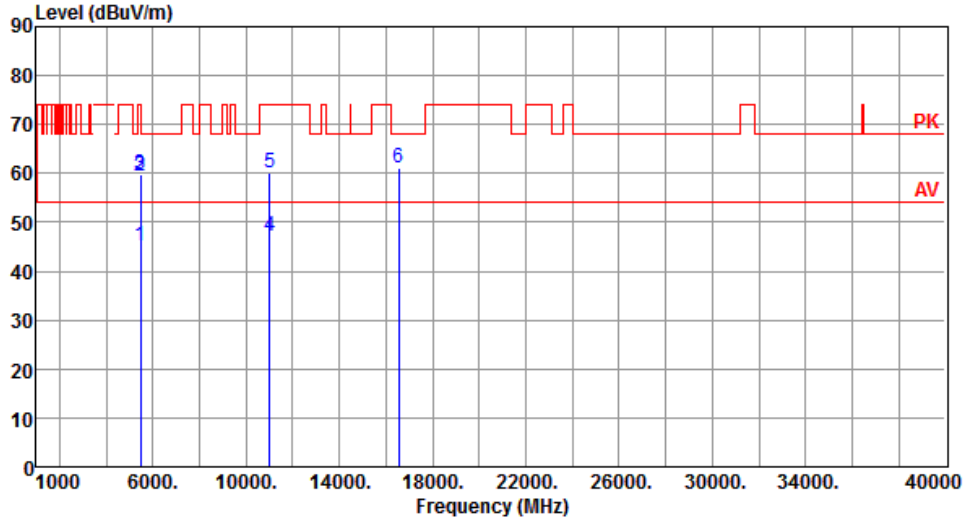
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

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

Modulation	ax HE40	Test Freq. (MHz)	5510
Polarization	Horizontal		
Level (dBUV/m) </			

Modulation	ax HE40	Test Freq. (MHz)	5510
Polarization	Vertical		



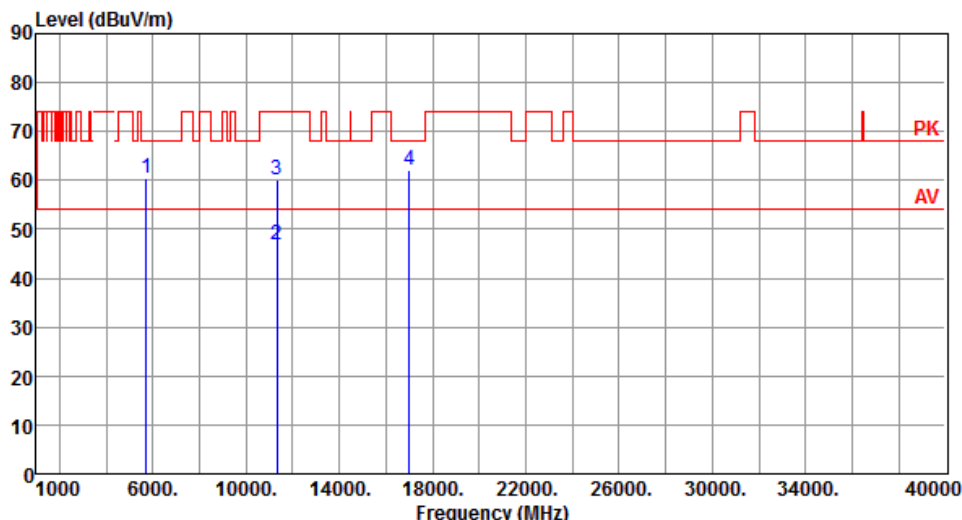
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	45.02	54.00	-8.98	40.57	4.45	Average	106	142
2	5460.00	59.41	74.00	-14.59	54.96	4.45	Peak	106	142
3	5470.00	59.66	68.20	-8.54	55.16	4.50	Peak	106	142
4	11020.00	47.08	54.00	-6.92	32.27	14.81	Average	100	34
5	11020.00	60.12	74.00	-13.88	45.31	14.81	Peak	100	34
6	16530.00	61.22	68.20	-6.98	44.89	16.33	Peak	100	39

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

Modulation	ax HE40	Test Freq. (MHz)	5590
Polarization	Horizontal		
Level (dBuV/m) <			

Modulation	ax HE40	Test Freq. (MHz)	5590
Polarization	Vertical		
Level (dBuV/m)			

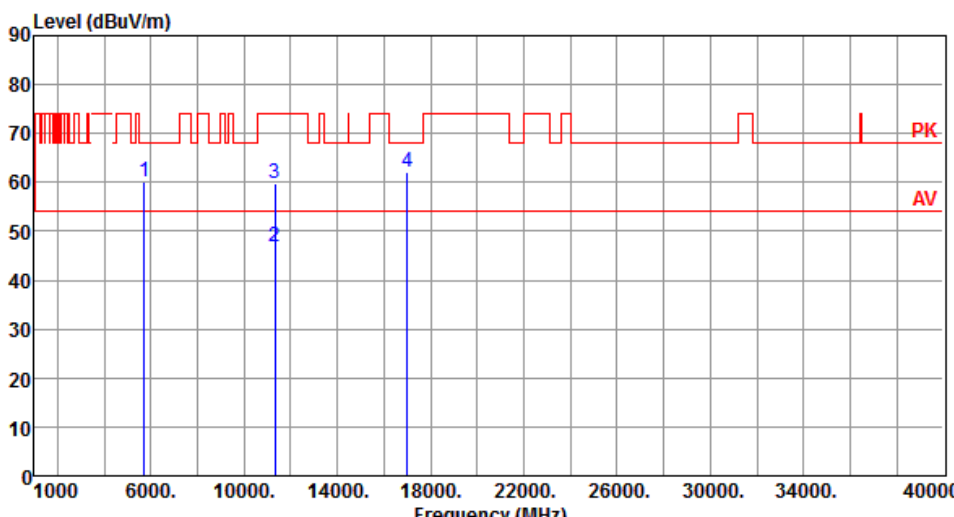
Modulation	ax HE40	Test Freq. (MHz)	5670
Polarization	Horizontal		



	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	60.36	68.20	-7.84	55.51	4.85	Peak	198	113
2	11340.00	46.95	54.00	-7.05	32.48	14.47	Average	100	33
3	11340.00	60.08	74.00	-13.92	45.61	14.47	Peak	100	33
4	17010.00	62.21	68.20	-5.99	44.32	17.89	Peak	100	35

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

Modulation	ax HE40	Test Freq. (MHz)	5670
Polarization	Vertical		



	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn
	MHz	level	dBuV/m	dB	reading	dB		High	Table
								cm	deg
1	5725.00	60.06	68.20	-8.14	55.21	4.85	Peak	105	135
2	11340.00	46.78	54.00	-7.22	32.31	14.47	Average	100	15
3	11340.00	59.92	74.00	-14.08	45.45	14.47	Peak	100	15
4	17010.00	62.04	68.20	-6.16	44.15	17.89	Peak	100	49

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

*Factor includes antenna factor , cable loss and amplifier gain

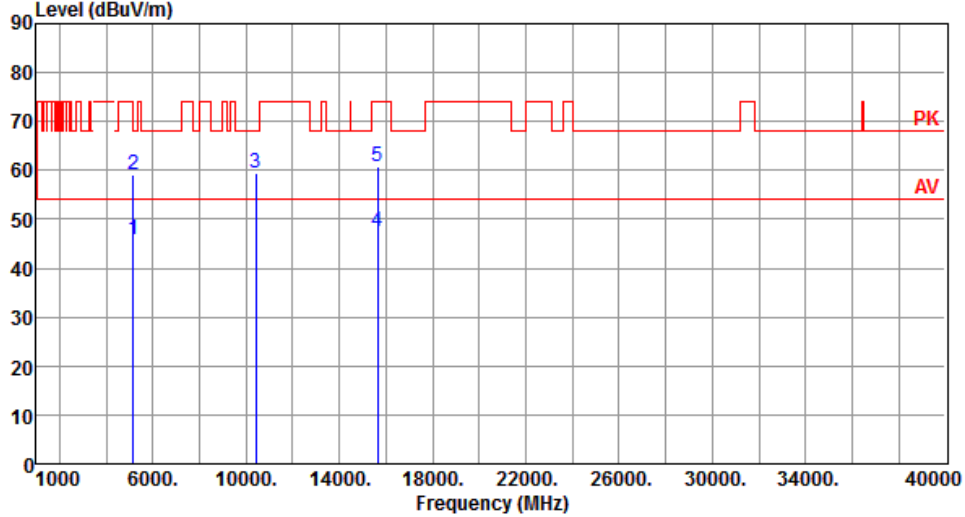
Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	ax HE40	Test Freq. (MHz)	5710
Polarization	Horizontal		
Level (dBuV/m) </			

Modulation	ax HE40	Test Freq. (MHz)	5710
Polarization	Vertical		
Level (dBuV/m)			

3.5.11 Transmitter Radiated Unwanted Emissions (Above 1GHz) for ax HE80

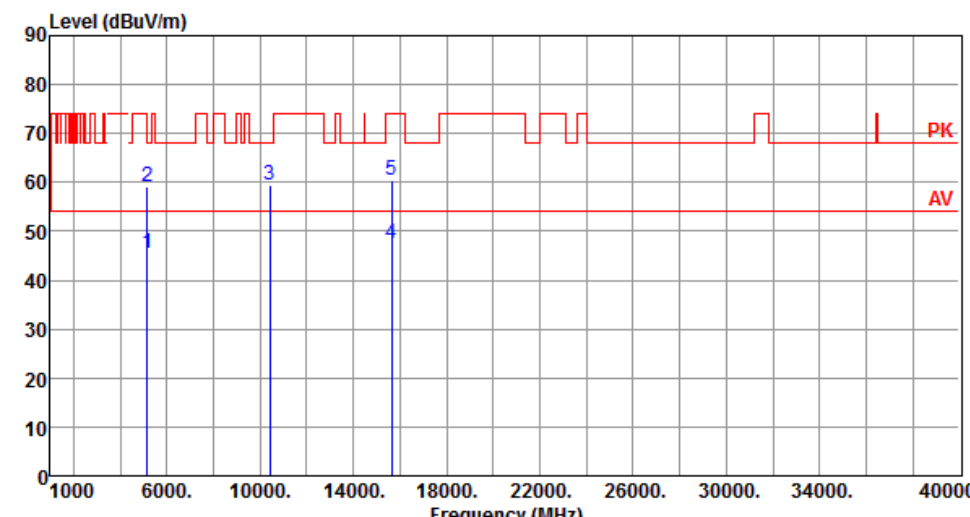
Modulation	ax HE80	Test Freq. (MHz)	5210
Polarization	Horizontal		



	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	45.78	54.00	-8.22	41.14	4.64	Average	212	116
2	5150.00	59.17	74.00	-14.83	54.53	4.64	Peak	212	116
3	10420.00	59.57	68.20	-8.63	45.23	14.34	Peak	100	50
4	15630.00	47.63	54.00	-6.37	33.12	14.51	Average	100	40
5	15630.00	60.65	74.00	-13.35	46.14	14.51	Peak	100	40

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

Modulation	ax HE80	Test Freq. (MHz)	5210
Polarization	Vertical		



	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn
	MHz	level	dBuV/m	dB	reading	dB		High	Table
								cm	deg
1	5150.00	45.57	54.00	-8.43	40.93	4.64	Average	100	155
2	5150.00	58.97	74.00	-15.03	54.33	4.64	Peak	100	155
3	10420.00	59.45	68.20	-8.75	45.11	14.34	Peak	100	25
4	15630.00	47.59	54.00	-6.41	33.08	14.51	Average	100	33
5	15630.00	60.52	74.00	-13.48	46.01	14.51	Peak	100	33

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

*Factor includes antenna factor , cable loss and amplifier gain

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

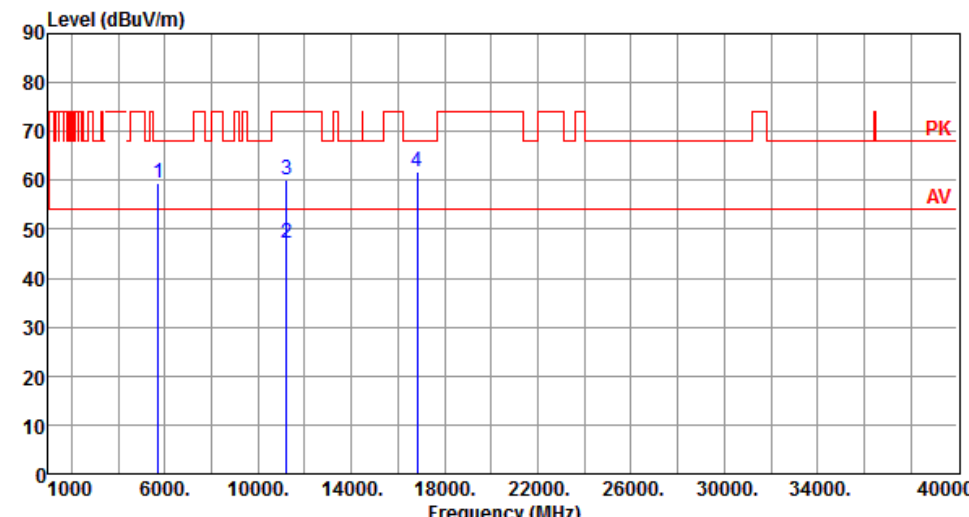
Modulation	ax HE80	Test Freq. (MHz)	5290
Polarization	Horizontal		
Level (dBuV/m) </			

Modulation	ax HE80	Test Freq. (MHz)	5290
Polarization	Vertical		
Level (dBuV/m)			

Modulation	ax HE80	Test Freq. (MHz)	5530
Polarization	Horizontal		
Level (dBUV/m)			

Modulation	ax HE80		Test Freq. (MHz)		5530	
Polarization	Vertical					
Level (dBUV/m) <						

Modulation	ax HE80	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	59.53	68.20	-8.67	54.68	4.85	Peak	183	120
2	11220.00	47.10	54.00	-6.90	32.81	14.29	Average	100	70
3	11220.00	59.97	74.00	-14.03	45.68	14.29	Peak	100	70
4	16830.00	61.82	68.20	-6.38	44.17	17.65	Peak	100	40

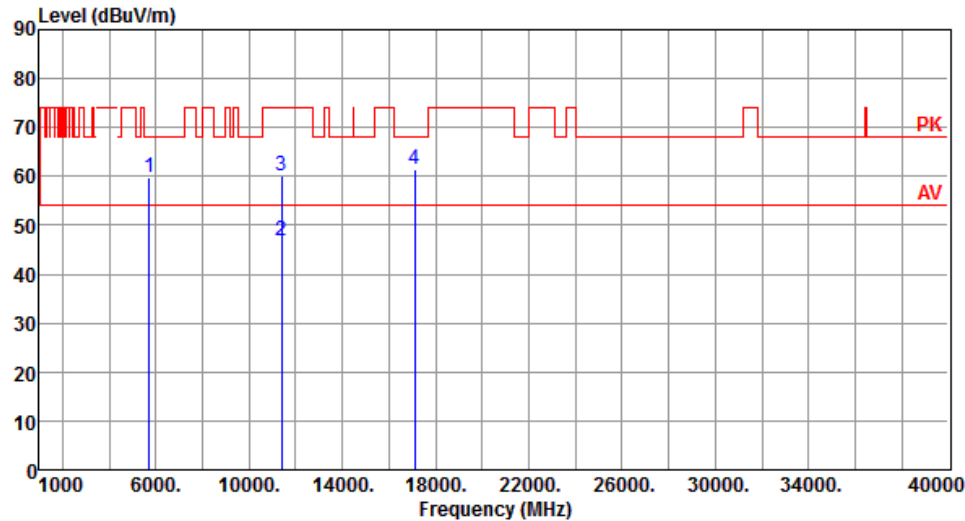
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE80	Test Freq. (MHz)	5610
Polarization	Vertical		
Level (dBuV/m)			

Modulation	ax HE80	Test Freq. (MHz)	5690
Polarization	Horizontal		
Level (dBUV/m)			

Modulation	ax HE80	Test Freq. (MHz)	5690
Polarization	Vertical		
Level (dBUV/m)			

Modulation	ax HE20 RU106 Index 54	Test Freq. (MHz)	5700
Polarization	Vertical		

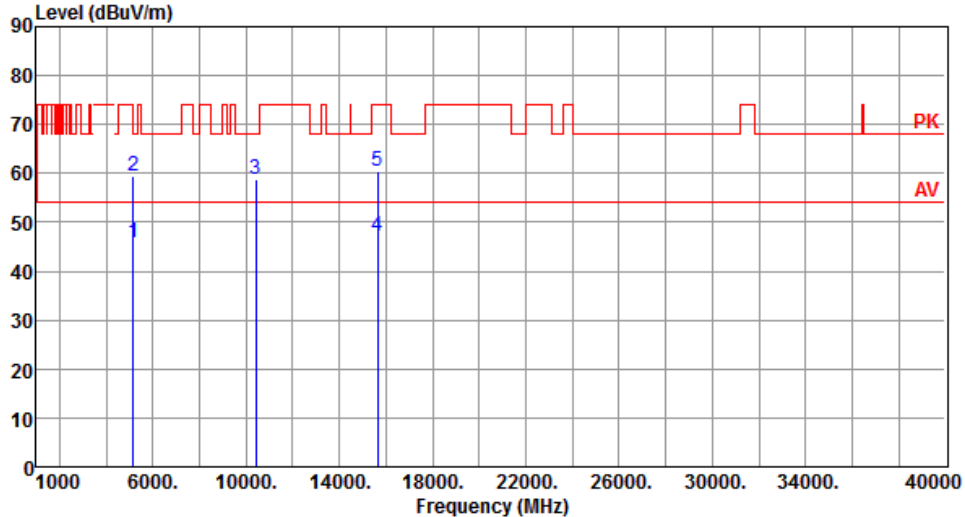


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5725.00	59.79	68.20	-8.41	54.94	4.85	Peak	100	149
2	11400.00	46.94	54.00	-7.06	32.26	14.68	Average	100	80
3	11400.00	60.01	74.00	-13.99	45.33	14.68	Peak	100	80
4	17100.00	61.58	68.20	-6.62	43.90	17.68	Peak	100	40

Note 1: Emission Level (dBuV/m) = SA Reading (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 ax HE80 RU26

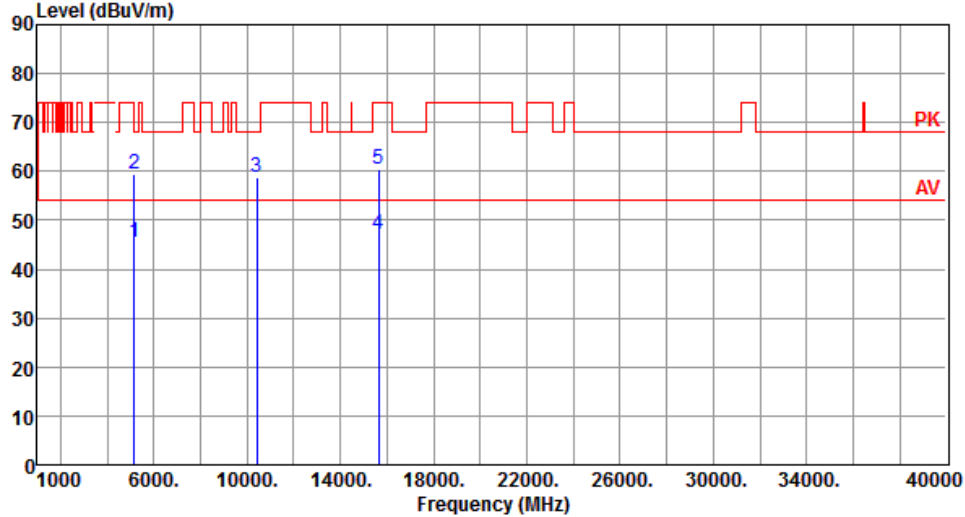
Modulation	ax HE80 RU26 Index 0	Test Freq. (MHz)	5210
Polarization	Horizontal		



	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	45.85	54.00	-8.15	41.21	4.64	Average	166	125
2	5150.00	59.44	74.00	-14.56	54.80	4.64	Peak	166	125
3	10420.00	58.90	68.20	-9.30	44.56	14.34	Peak	100	60
4	15630.00	47.32	54.00	-6.68	32.81	14.51	Average	100	55
5	15630.00	60.52	74.00	-13.48	46.01	14.51	Peak	100	55

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

Modulation	ax HE80 RU26 Index 0		Test Freq. (MHz)		5210	
Polarization	Vertical					



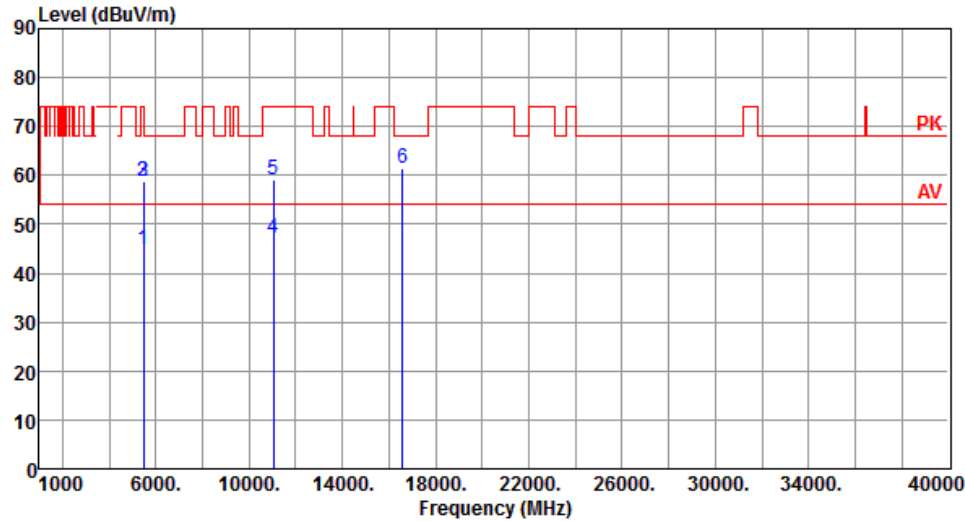
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	45.47	54.00	-8.53	40.83	4.64	Average	100	146
2	5150.00	59.38	74.00	-14.62	54.74	4.64	Peak	100	146
3	10420.00	58.88	68.20	-9.32	44.54	14.34	Peak	100	80
4	15630.00	47.31	54.00	-6.69	32.80	14.51	Average	100	30
5	15630.00	60.54	74.00	-13.46	46.03	14.51	Peak	100	30

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

Modulation	ax HE80 RU26 Index 36		Test Freq. (MHz)	5290	
Polarization	Horizontal				
Level (dBuV/m)					

Modulation	ax HE80 RU26 Index 36		Test Freq. (MHz)		5290	
Polarization	Vertical					
Level (dBuV/m) </						

Modulation	ax HE80 RU26 Index 0		Test Freq. (MHz)		5530	
Polarization	Horizontal					
Level (dBUV/m)						

Modulation	ax HE80 RU26 Index 0		Test Freq. (MHz)	5530					
Polarization	Vertical								
									
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn
	MHz	level			reading			High	Table
		dBuV/m	dBuV/m	dB	dBuV	dB		cm	deg
1	5460.00	44.67	54.00	-9.33	40.22	4.45	Average	100	147
2	5460.00	58.78	74.00	-15.22	54.33	4.45	Peak	100	147
3	5470.00	58.94	68.20	-9.26	54.44	4.50	Peak	100	147
4	11060.00	47.00	54.00	-7.00	32.33	14.67	Average	100	40
5	11060.00	59.17	74.00	-14.83	44.50	14.67	Peak	100	40
6	16590.00	61.36	68.20	-6.84	44.75	16.61	Peak	100	60

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

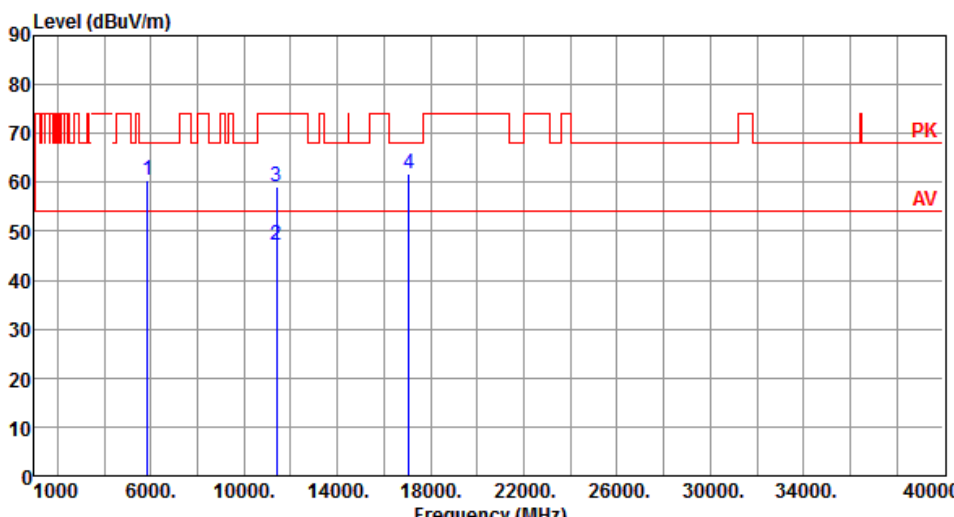
*Factor includes antenna factor , cable loss and amplifier gain

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

Modulation	ax HE80 RU26 Index 18		Test Freq. (MHz)		5610	
Polarization	Horizontal					
Level (dBuV/m)						

Modulation	ax HE80 RU26 Index 18		Test Freq. (MHz)	5610	
Polarization	Vertical				
Level (dBuV/m) <					

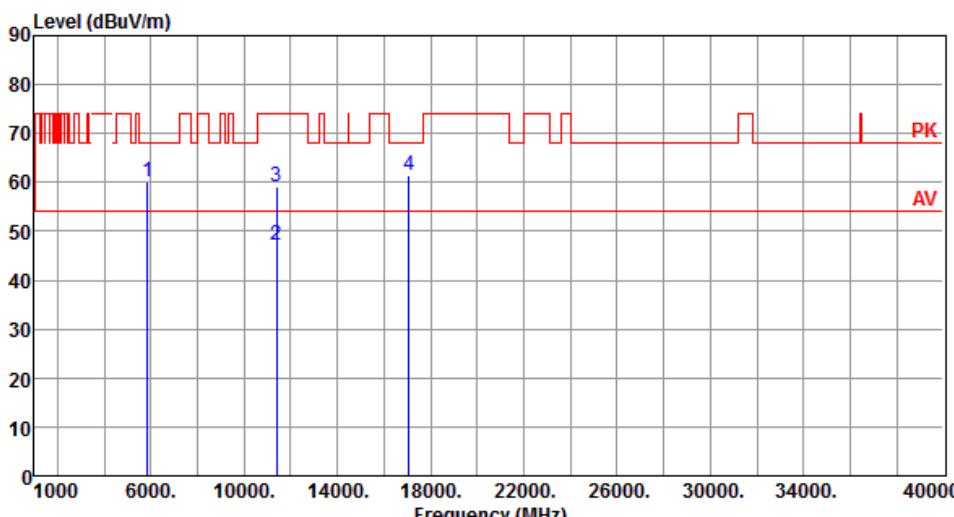
Modulation	ax HE80 RU26 Index 36		Test Freq. (MHz)		5690	
Polarization	Horizontal					



	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn
	MHz	level	dBuV/m	dB	reading	dB		High	Table
								cm	deg
1	5850.00	60.38	68.20	-7.82	54.93	5.45	Peak	165	115
2	11380.00	47.12	54.00	-6.88	32.51	14.61	Average	100	30
3	11380.00	59.21	74.00	-14.79	44.60	14.61	Peak	100	30
4	17070.00	61.79	68.20	-6.41	44.04	17.75	Peak	100	20

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

Modulation	ax HE80 RU26 Index 36		Test Freq. (MHz)		5690	
Polarization	Vertical					



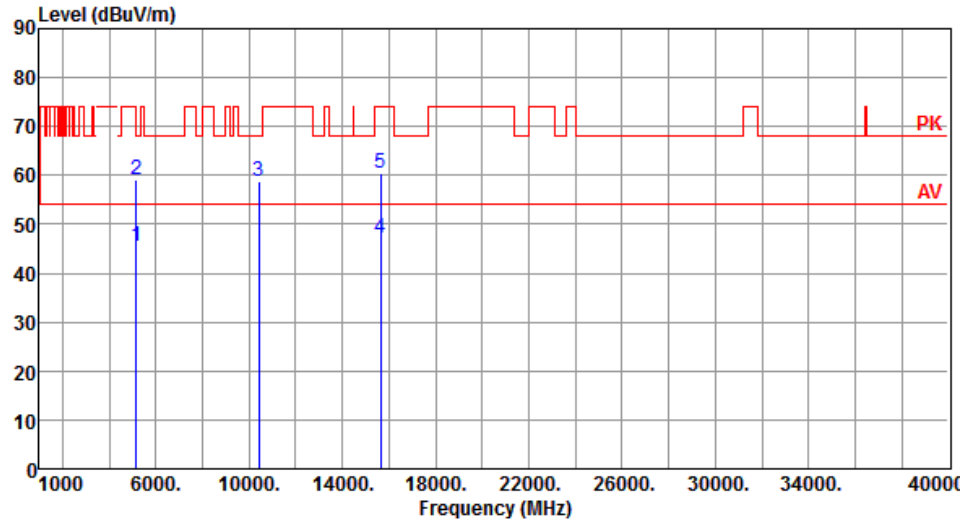
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5850.00	60.19	68.20	-8.01	54.74	5.45	Peak	100	146
2	11380.00	47.01	54.00	-6.99	32.40	14.61	Average	100	70
3	11380.00	59.02	74.00	-14.98	44.41	14.61	Peak	100	70
4	17070.00	61.60	68.20	-6.60	43.85	17.75	Peak	100	40

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

3.5.14 Transmitter Radiated Unwanted Emissions (Above 1GHz) for ax HE80 RU52

Modulation	ax HE80 RU52 Index 37		Test Freq. (MHz)		5210	
Polarization	Horizontal					
Level (dBuV/m) <						

Modulation	ax HE80 RU52 Index 37		Test Freq. (MHz)		5210	
Polarization	Vertical					

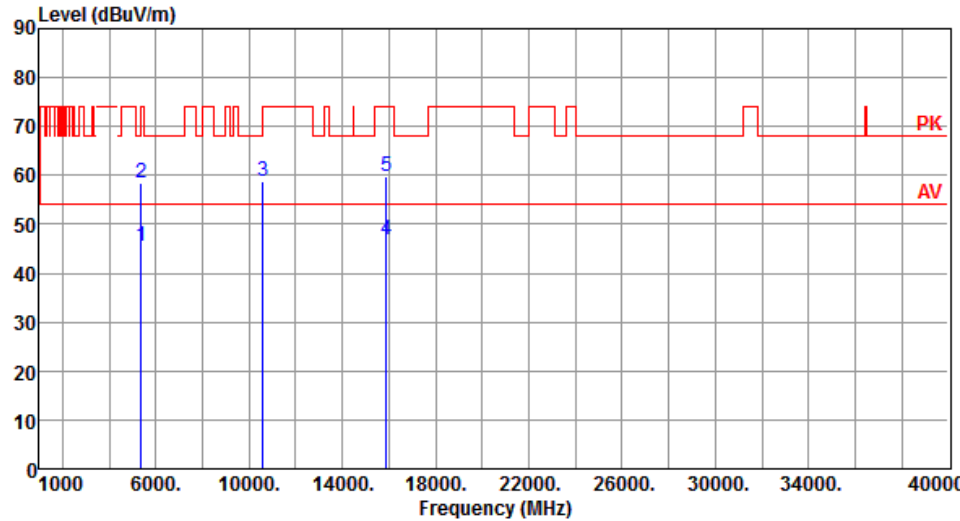


	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	45.33	54.00	-8.67	40.69	4.64	Average	100	144
2	5150.00	59.00	74.00	-15.00	54.36	4.64	Peak	100	144
3	10420.00	58.72	68.20	-9.48	44.38	14.34	Peak	100	50
4	15630.00	47.32	54.00	-6.68	32.81	14.51	Average	100	60
5	15630.00	60.40	74.00	-13.60	45.89	14.51	Peak	100	60

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

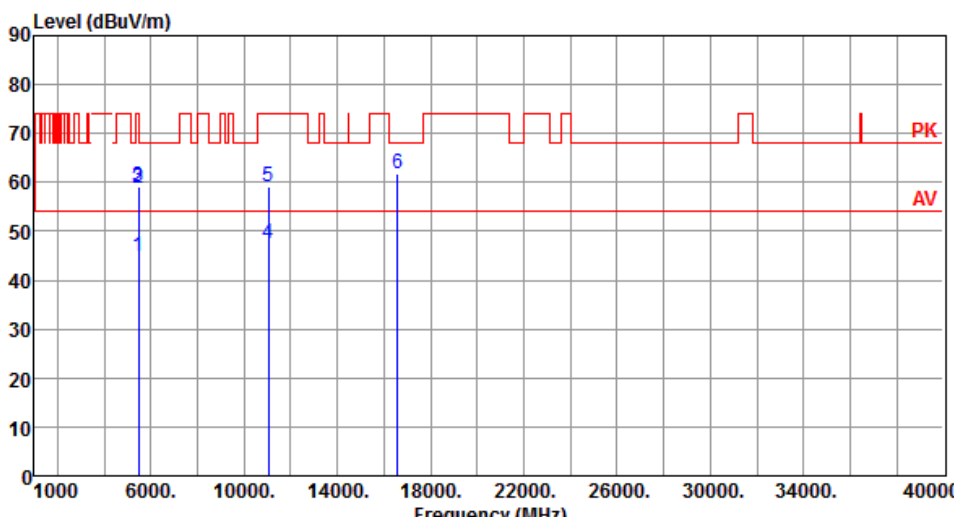
Modulation	ax HE80 RU52 Index 52		Test Freq. (MHz)	5290	
Polarization	Horizontal				
Level (dBuV/m) </					

Modulation	ax HE80 RU52 Index 52		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	5350.00	45.41	54.00	-8.59	41.47	3.94	Average	100	143
2	5350.00	58.44	74.00	-15.56	54.50	3.94	Peak	100	143
3	10580.00	58.84	68.20	-9.36	44.52	14.32	Peak	100	30
4	15870.00	46.93	54.00	-7.07	32.70	14.23	Average	100	70
5	15870.00	59.89	74.00	-14.11	45.66	14.23	Peak	100	70

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

Modulation	ax HE80 RU52 Index 37		Test Freq. (MHz)		5530				
Polarization	Horizontal								
									
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn
	MHz	level	dBuV/m	dB	reading	dB		High	Table
								cm	deg
1	5460.00	44.83	54.00	-9.17	40.38	4.45	Average	167	116
2	5460.00	58.74	74.00	-15.26	54.29	4.45	Peak	167	116
3	5470.00	59.22	68.20	-8.98	54.72	4.50	Peak	167	116
4	11060.00	47.34	54.00	-6.66	32.67	14.67	Average	100	70
5	11060.00	59.28	74.00	-14.72	44.61	14.67	Peak	100	70
6	16590.00	61.80	68.20	-6.40	45.19	16.61	Peak	100	20

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

*Factor includes antenna factor , cable loss and amplifier gain

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

Modulation	ax HE80 RU52 Index 37		Test Freq. (MHz)		5530	
Polarization	Vertical					
Level (dBUV/m)						

Modulation	ax HE80 RU52 Index 45		Test Freq. (MHz)		5610	
Polarization	Horizontal					
Level (dBUV/m)						

Modulation	ax HE80 RU52 Index 45		Test Freq. (MHz)		5610	
Polarization	Vertical					
Level (dBuV/m) </						

Modulation	ax HE80 RU52 Index 52		Test Freq. (MHz)		5690	
Polarization	Horizontal					
Level (dBUV/m)						

Modulation	ax HE80 RU52 Index 52		Test Freq. (MHz)		5690	
Polarization	Vertical					
Level (dBuV/m) </						

Modulation	ax HE80 RU106 Index 53		Test Freq. (MHz)	5210	
Polarization	Vertical				
Level (dBuV/m)					

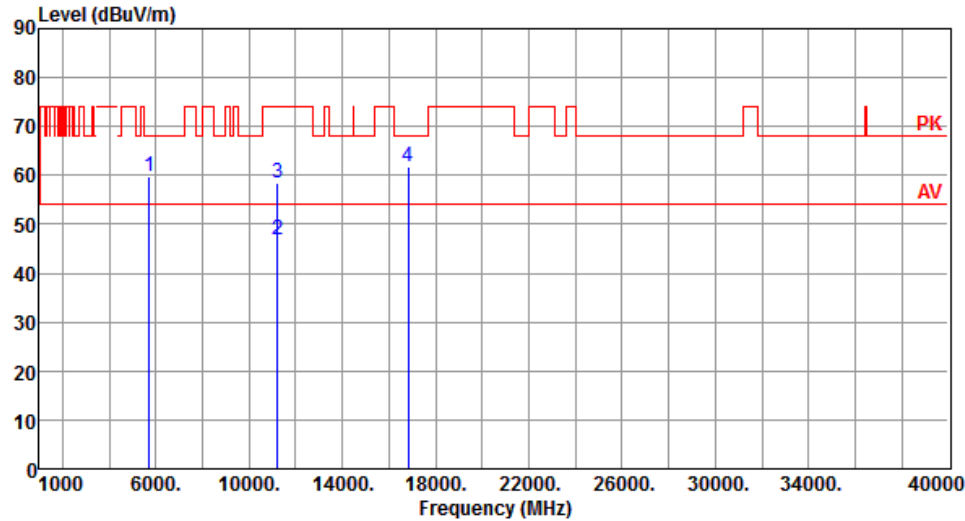
Modulation	ax HE80 RU106 Index 60		Test Freq. (MHz)	5290	
Polarization	Horizontal				
Level (dBUV/m)					

Modulation	ax HE80 RU106 Index 60		Test Freq. (MHz)	5290	
Polarization	Vertical				
Level (dBuV/m)					

Modulation	ax HE80 RU106 Index 53		Test Freq. (MHz)	5530					
Polarization	Horizontal								
Level (dBUV/m) </									

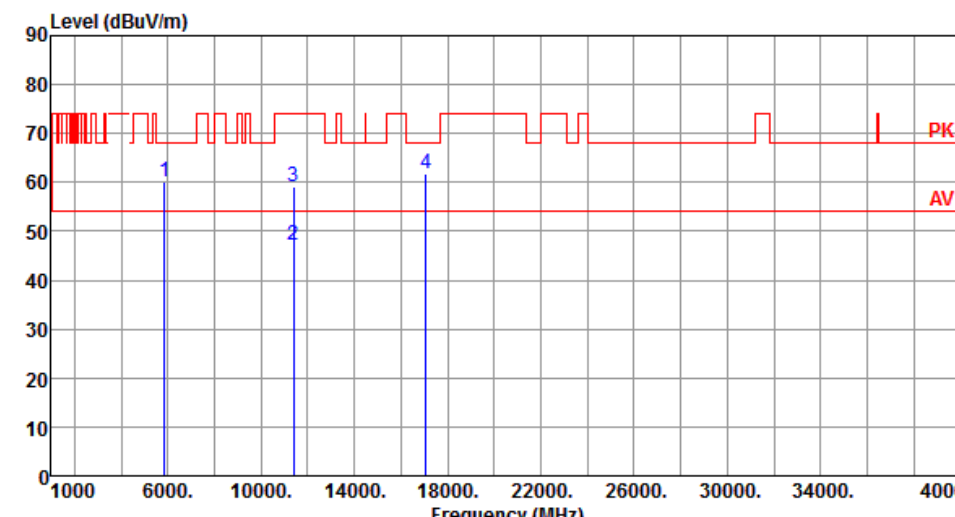
Modulation	ax HE80 RU106 Index 53		Test Freq. (MHz)	5530	
Polarization	Vertical				
Level (dBUV/m) <					

Modulation	ax HE80 RU106 Index 57		Test Freq. (MHz)	5610	
Polarization	Horizontal				
Level (dBuV/m)					

Modulation	ax HE80 RU106 Index 57		Test Freq. (MHz)	5610																																																			
Polarization	Vertical																																																						
Level (dBUV/m)  Frequency (MHz) <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>59.80</td><td>68.20</td><td>-8.40</td><td>54.95</td><td>4.85</td><td>Peak</td><td>100</td><td>148</td></tr><tr><td>2</td><td>11220.00</td><td>46.80</td><td>54.00</td><td>-7.20</td><td>32.51</td><td>14.29</td><td>Average</td><td>100</td><td>40</td></tr><tr><td>3</td><td>11220.00</td><td>58.58</td><td>74.00</td><td>-15.42</td><td>44.29</td><td>14.29</td><td>Peak</td><td>100</td><td>40</td></tr><tr><td>4</td><td>16830.00</td><td>61.61</td><td>68.20</td><td>-6.59</td><td>43.96</td><td>17.65</td><td>Peak</td><td>100</td><td>50</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	5725.00	59.80	68.20	-8.40	54.95	4.85	Peak	100	148	2	11220.00	46.80	54.00	-7.20	32.51	14.29	Average	100	40	3	11220.00	58.58	74.00	-15.42	44.29	14.29	Peak	100	40	4	16830.00	61.61	68.20	-6.59	43.96	17.65	Peak	100	50
	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	59.80	68.20	-8.40	54.95	4.85	Peak	100	148																																														
2	11220.00	46.80	54.00	-7.20	32.51	14.29	Average	100	40																																														
3	11220.00	58.58	74.00	-15.42	44.29	14.29	Peak	100	40																																														
4	16830.00	61.61	68.20	-6.59	43.96	17.65	Peak	100	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	ax HE80 RU106 Index 60		Test Freq. (MHz)	5690	
Polarization	Horizontal				
Level (dBuV/m)					

Modulation	ax HE80 RU106 Index 60	Test Freq. (MHz)	5690
Polarization	Vertical		

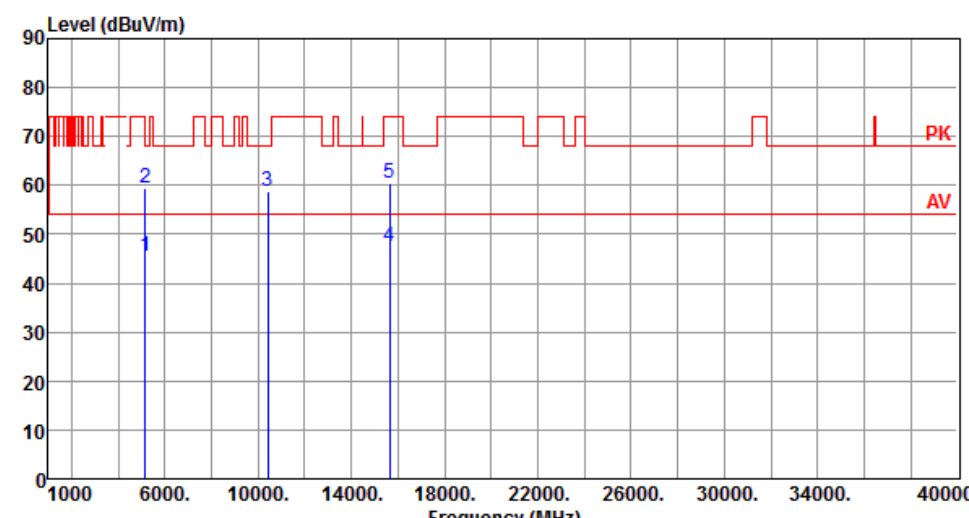


	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5850.00	60.15	68.20	-8.05	54.70	5.45	Peak	100	147
2	11380.00	47.03	54.00	-6.97	32.42	14.61	Average	100	50
3	11380.00	59.10	74.00	-14.90	44.49	14.61	Peak	100	50
4	17070.00	61.72	68.20	-6.48	43.97	17.75	Peak	100	80

Note 1: Emission Level (dBUV/m) = SA Reading (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 ax HE80 RU242

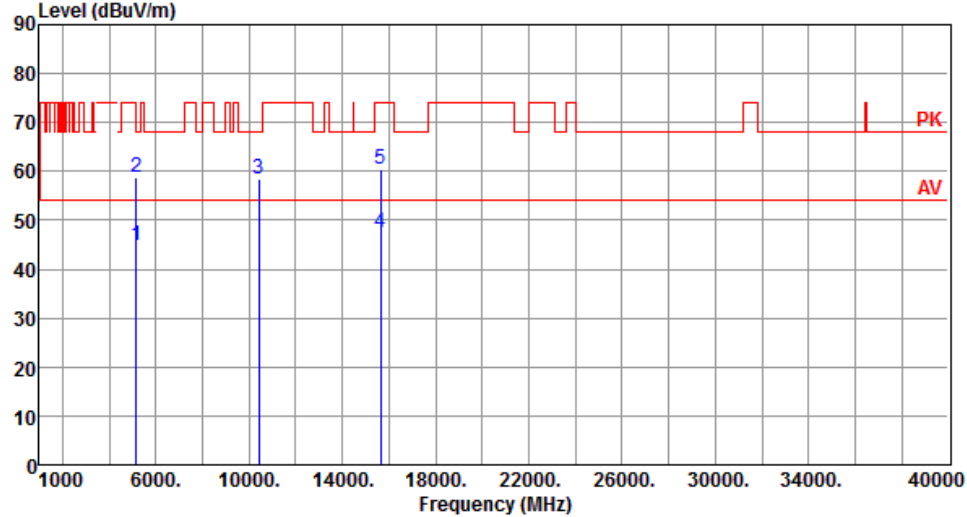
Modulation	ax HE80 RU242 Index 61	Test Freq. (MHz)	5210
Polarization	Horizontal		



	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	45.33	54.00	-8.67	40.69	4.64	Average	176	124
2	5150.00	59.33	74.00	-14.67	54.69	4.64	Peak	176	124
3	10420.00	58.67	68.20	-9.53	44.33	14.34	Peak	100	70
4	15630.00	47.54	54.00	-6.46	33.03	14.51	Average	100	50
5	15630.00	60.42	74.00	-13.58	45.91	14.51	Peak	100	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	ax HE80 RU242 Index 61		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	44.76	54.00	-9.24	40.12	4.64	Average	100	144
2	5150.00	58.90	74.00	-15.10	54.26	4.64	Peak	100	144
3	10420.00	58.54	68.20	-9.66	44.20	14.34	Peak	100	60
4	15630.00	47.38	54.00	-6.62	32.87	14.51	Average	100	40
5	15630.00	60.36	74.00	-13.64	45.85	14.51	Peak	100	40

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

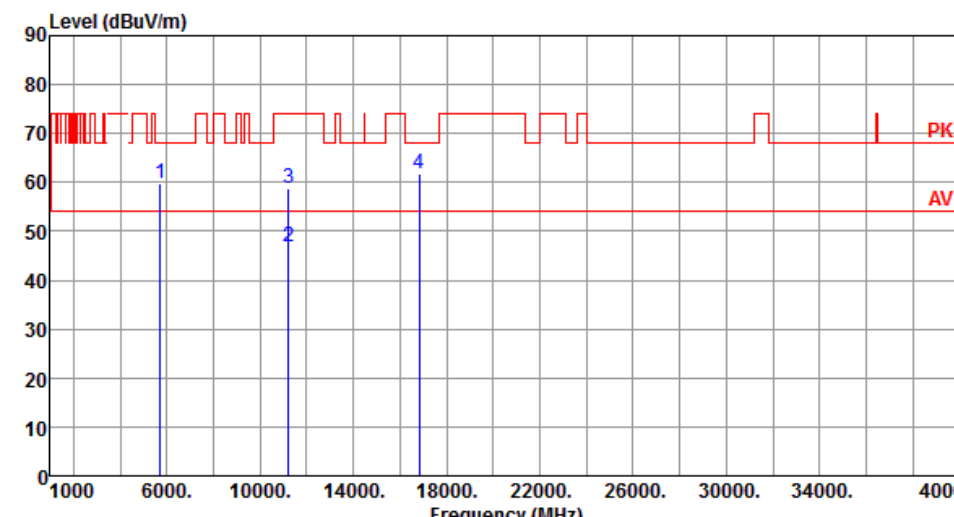
Modulation	ax HE80 RU242 Index 64	Test Freq. (MHz)	5290
Polarization	Horizontal		
Level (dBUV/m)			

Modulation	ax HE80 RU242 Index 64		Test Freq. (MHz)	5290	
Polarization	Vertical				
Level (dBuV/m) <					

Modulation	ax HE80 RU242 Index 61		Test Freq. (MHz)		5530	
Polarization	Vertical					
Level (dBUV/m) </						

Modulation	ax HE80 RU242 Index 62		Test Freq. (MHz)		5610	
Polarization	Horizontal					
Level (dBuV/m) <						

Modulation	ax HE80 RU242 Index 62		Test Freq. (MHz)		5610	
Polarization	Vertical					



	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn
	MHz	level	dBuV/m	dB	reading	dB		High	Table
								cm	deg
1	5725.00	59.81	68.20	-8.39	54.96	4.85	Peak	102	145
2	11220.00	46.83	54.00	-7.17	32.54	14.29	Average	100	30
3	11220.00	58.66	74.00	-15.34	44.37	14.29	Peak	100	30
4	16830.00	61.81	68.20	-6.39	44.16	17.65	Peak	100	50

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

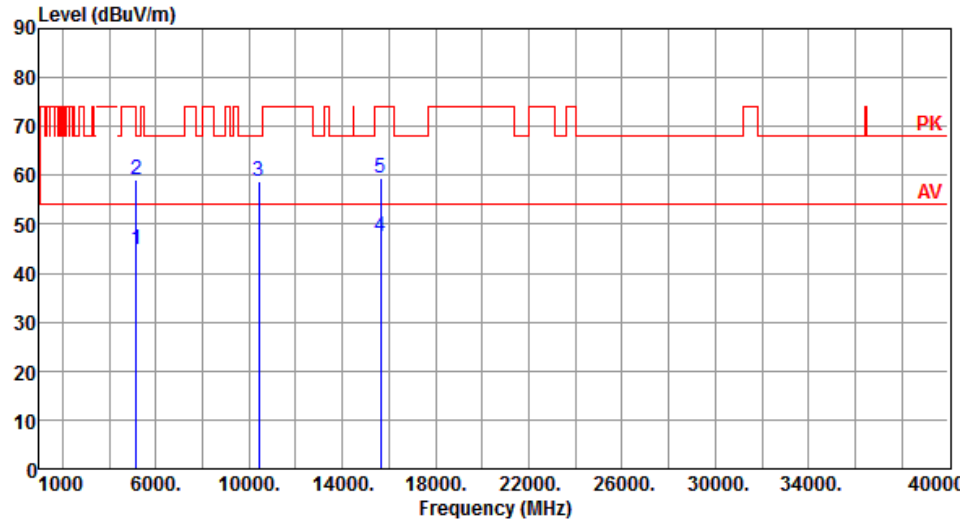
*Factor includes antenna factor , cable loss and amplifier gain

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

Modulation	ax HE80 RU242 Index 64		Test Freq. (MHz)	5690	
Polarization	Horizontal				
Level (dBuV/m)					

Modulation	ax HE80 RU242 Index 64		Test Freq. (MHz)		5690	
Polarization	Vertical					
Level (dBuV/m)						

Modulation	ax HE80 RU484 Index 65		Test Freq. (MHz)		5210	
Polarization	Vertical					



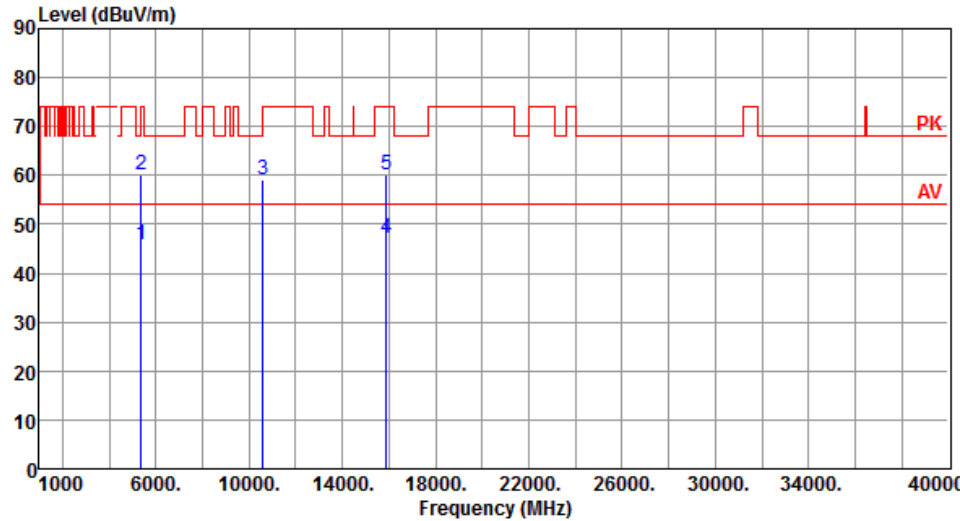
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn
	MHz	level	dBuV/m	dB	reading	dB		High	Table
								cm	deg
1	5150.00	44.76	54.00	-9.24	40.12	4.64	Average	100	144
2	5150.00	58.98	74.00	-15.02	54.34	4.64	Peak	100	144
3	10420.00	58.65	68.20	-9.55	44.31	14.34	Peak	100	30
4	15630.00	47.35	54.00	-6.65	32.84	14.51	Average	100	20
5	15630.00	59.61	74.00	-14.39	45.10	14.51	Peak	100	20

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

*Factor includes antenna factor , cable loss and amplifier gain

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

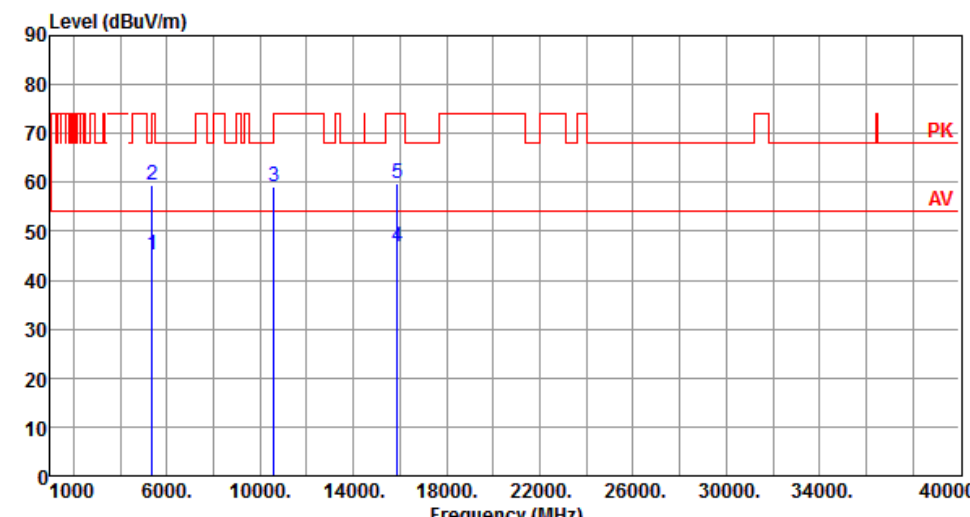
Modulation	ax HE80 RU484 Index 66		Test Freq. (MHz)	5290	
Polarization	Horizontal				



	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	45.97	54.00	-8.03	42.03	3.94	Average	239	116
2	5350.00	59.96	74.00	-14.04	56.02	3.94	Peak	239	116
3	10580.00	59.09	68.20	-9.11	44.77	14.32	Peak	100	40
4	15870.00	47.00	54.00	-7.00	32.77	14.23	Average	100	35
5	15870.00	59.96	74.00	-14.04	45.73	14.23	Peak	100	35

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

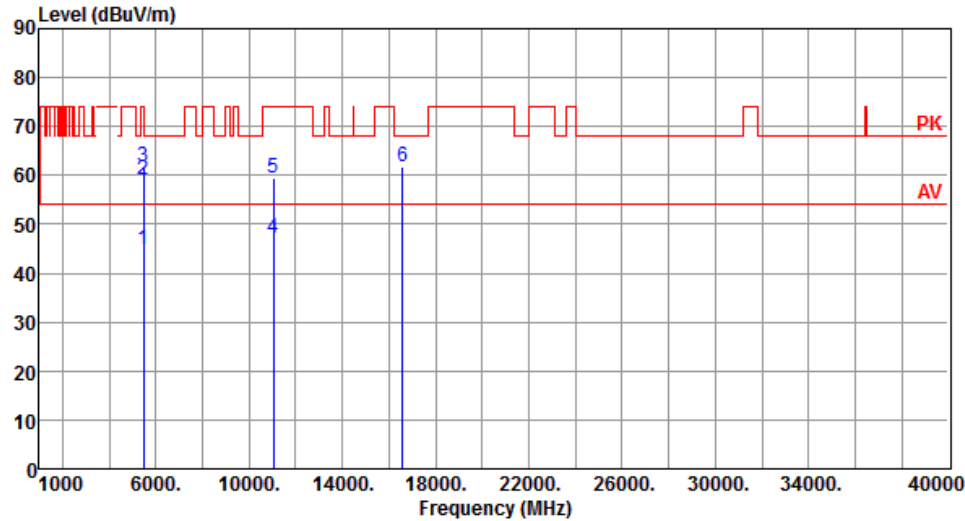
Modulation	ax HE80 RU484 Index 66		Test Freq. (MHz)	5290	
Polarization	Vertical				



	Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB		cm	deg
1	5350.00	45.09	54.00	-8.91	41.15	3.94	Average	100	149
2	5350.00	59.32	74.00	-14.68	55.38	3.94	Peak	100	149
3	10580.00	59.04	68.20	-9.16	44.72	14.32	Peak	100	40
4	15870.00	46.89	54.00	-7.11	32.66	14.23	Average	100	90
5	15870.00	59.87	74.00	-14.13	45.64	14.23	Peak	100	90

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

Modulation	ax HE80 RU484 Index 65		Test Freq. (MHz)	5530	
Polarization	Horizontal				



	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn
	MHz	level	dBuV/m	dB	reading	dB		High	Table
								cm	deg
1	5460.00	44.81	54.00	-9.19	40.36	4.45	Average	129	116
2	5460.00	59.20	74.00	-14.80	54.75	4.45	Peak	129	116
3	5470.00	61.83	68.20	-6.37	57.33	4.50	Peak	129	116
4	11060.00	47.23	54.00	-6.77	32.56	14.67	Average	100	60
5	11060.00	59.30	74.00	-14.70	44.63	14.67	Peak	100	60
6	16590.00	61.77	68.20	-6.43	45.16	16.61	Peak	100	90

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

*Factor includes antenna factor , cable loss and amplifier gain

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

Modulation	ax HE80 RU484 Index 65		Test Freq. (MHz)	5530	
Polarization	Vertical				
Level (dBUV/m)					

Modulation	ax HE80 RU484 Index 66		Test Freq. (MHz)	5610	
Polarization	Horizontal				
Level (dBuV/m)					

Modulation	ax HE80 RU484 Index 66		Test Freq. (MHz)		5610	
Polarization	Vertical					
Level (dBuV/m)						

Modulation	ax HE80 RU484 Index 66		Test Freq. (MHz)	5690	
Polarization	Horizontal				
Level (dBuV/m)					

Modulation	ax HE80 RU484 Index 66		Test Freq. (MHz)	5690	
Polarization	Vertical				
Level (dBuV/m)					

3.6 Frequency Stability

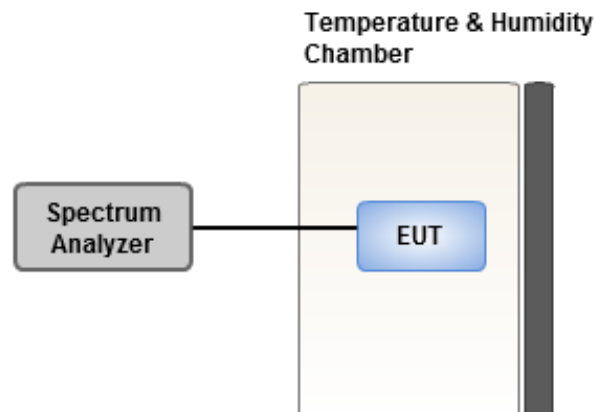
3.6.1 Limit of Frequency Stability

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 20 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 normal and extreme condition for temperature and voltage.

3.6.3 Test Setup



3.6.4 Test Result of Frequency Stability

Frequency: 5320 MHz	Frequency Drift (ppm)			
Temperature (°C)	0 minute	2 minutes	5 minutes	10 minutes
T20°CVmax	2.14	2.29	2.56	1.99
T20°CVmin	2.16	2.41	2.14	2.49
T55°CVnom	5.74	6.28	5.51	5.76
T50°CVnom	5.38	5.24	5.74	5.04
T40°CVnom	4.37	4.26	4.25	4.27
T30°CVnom	3.50	3.59	3.85	3.45
T20°CVnom	2.62	3.05	2.59	3.03
T10°CVnom	3.07	3.42	3.15	2.74
T0°CVnom	2.42	2.77	2.55	2.91
T-10°CVnom	2.09	2.40	2.26	2.01
T-20°CVnom	2.36	2.44	1.86	2.11
T-30°CVnom	2.06	2.50	2.20	1.83
Vnom [V]: 3.9		Vmax [V]: 4.29		Vmin [V]: 3.51
Tnom [°C]: 20		Tmax [°C]: 55		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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