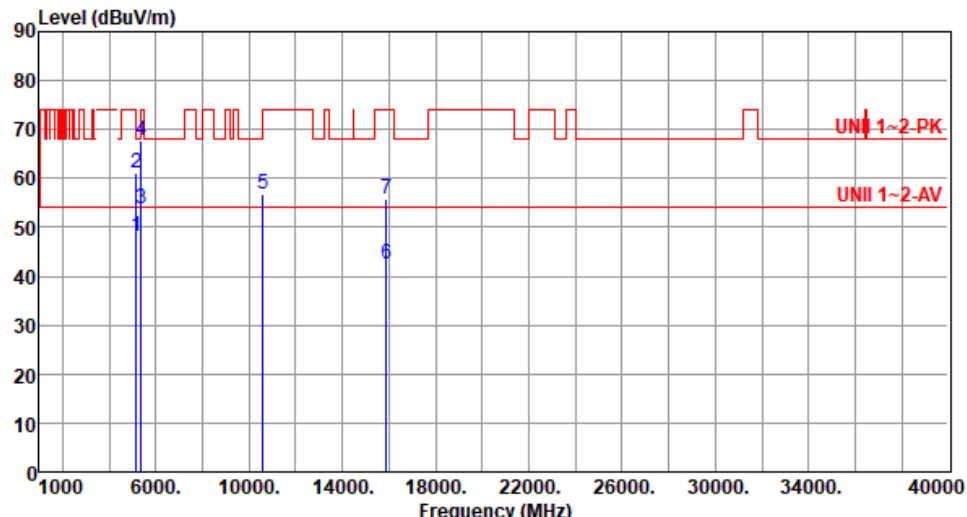
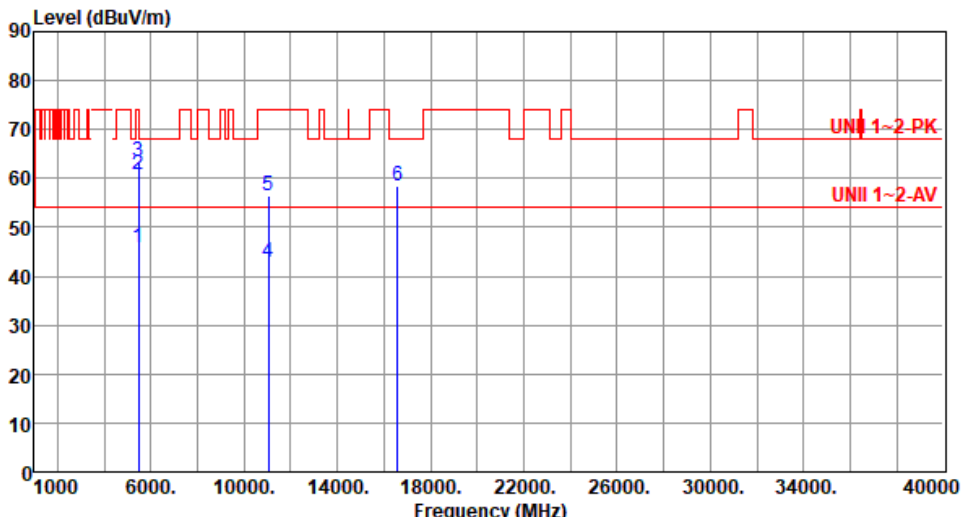


3.5.8 Transmitter Radiated Unwanted Emissions (Above 1GHz) for ax HE80-OFDMA

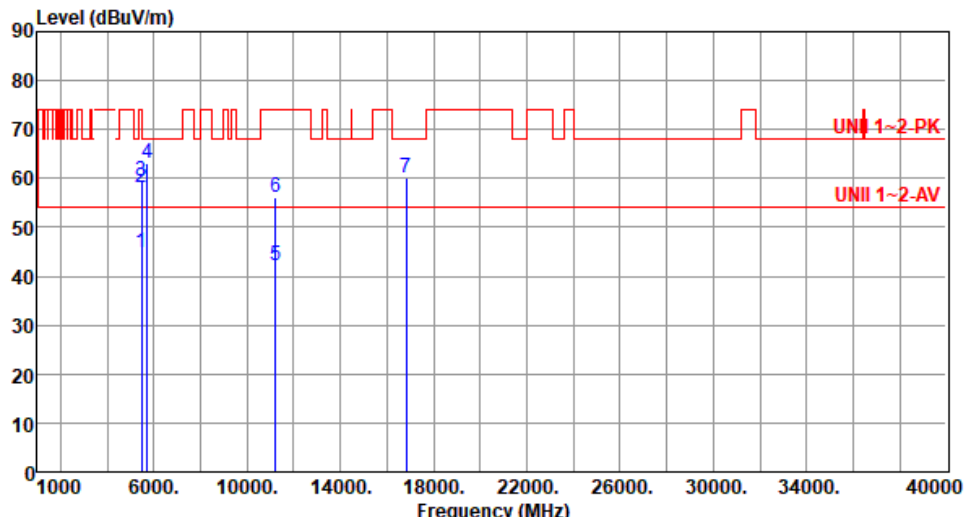
Modulation	ax HE80-OFDMA	Test Freq. (MHz)	5290
Polarization	Horizontal		
Test By :Brad Wu Temperature(°C):22 Humidity(%):64			
Level (dBuV/m) </			

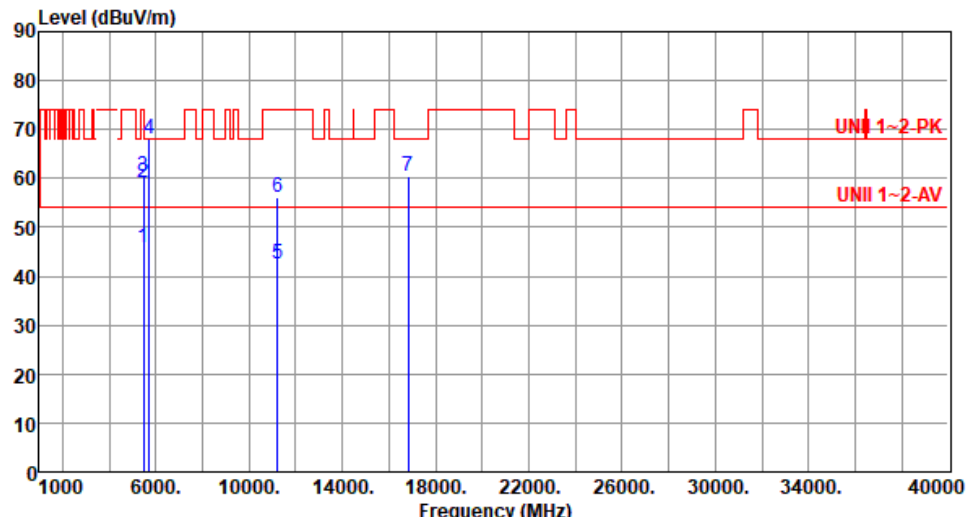
Modulation	ax HE80-OFDMA	Test Freq. (MHz)	5290						
Polarization	Vertical								
Test By :Brad Wu Temperature(°C):22 Humidity(%):64									
Level (dBuV/m)  Frequency (MHz)									
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	48.08	54.00	-5.92	43.07	5.01	Average	189	258
2	5150.00	61.21	74.00	-12.79	56.20	5.01	Peak	189	258
3	5350.00	53.78	54.00	-0.22	49.36	4.42	Average	189	258
4	5350.00	67.73	74.00	-6.27	63.31	4.42	Peak	189	258
5	10580.00	56.94	68.20	-11.26	42.56	14.38	Peak	100	60
6	15870.00	42.67	54.00	-11.33	29.12	13.55	Average	100	10
7	15870.00	55.68	74.00	-18.32	42.13	13.55	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).

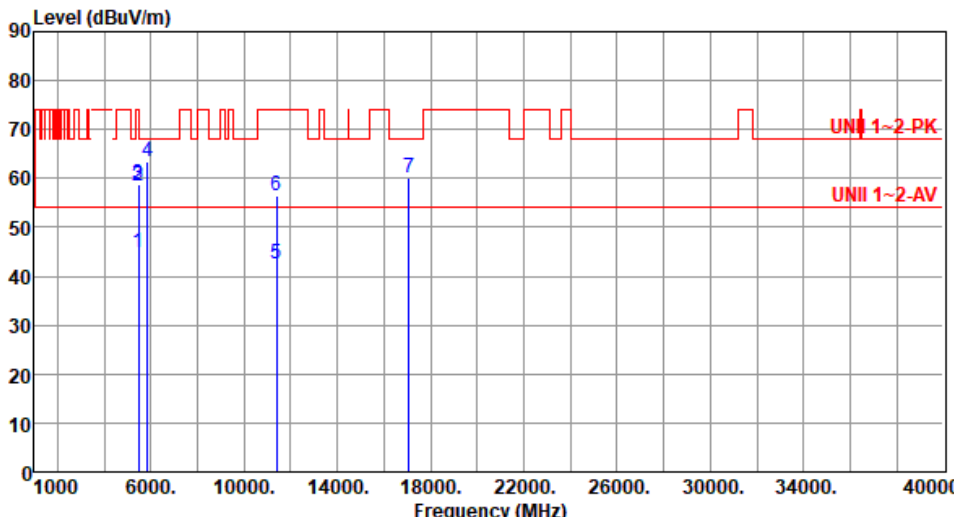
Modulation	ax HE80-OFDMA	Test Freq. (MHz)	5530																																																																						
Polarization	Horizontal																																																																								
Test By :Brad Wu Temperature(°C):22 Humidity(%):64																																																																									
Level (dBUV/m)  Frequency (MHz) <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/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>5460.00</td><td>45.94</td><td>54.00</td><td>-8.06</td><td>41.27</td><td>4.67</td><td>Average</td><td>177</td><td>102</td></tr><tr><td>2</td><td>5460.00</td><td>60.83</td><td>74.00</td><td>-13.17</td><td>56.16</td><td>4.67</td><td>Peak</td><td>177</td><td>102</td></tr><tr><td>3</td><td>5470.00</td><td>63.29</td><td>68.20</td><td>-4.91</td><td>58.59</td><td>4.70</td><td>Peak</td><td>177</td><td>102</td></tr><tr><td>4</td><td>11060.00</td><td>42.84</td><td>54.00</td><td>-11.16</td><td>28.45</td><td>14.39</td><td>Average</td><td>100</td><td>40</td></tr><tr><td>5</td><td>11060.00</td><td>56.54</td><td>74.00</td><td>-17.46</td><td>42.15</td><td>14.39</td><td>Peak</td><td>100</td><td>40</td></tr><tr><td>6</td><td>16590.00</td><td>58.41</td><td>68.20</td><td>-9.79</td><td>42.37</td><td>16.04</td><td>Peak</td><td>100</td><td>40</td></tr></table>					Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5460.00	45.94	54.00	-8.06	41.27	4.67	Average	177	102	2	5460.00	60.83	74.00	-13.17	56.16	4.67	Peak	177	102	3	5470.00	63.29	68.20	-4.91	58.59	4.70	Peak	177	102	4	11060.00	42.84	54.00	-11.16	28.45	14.39	Average	100	40	5	11060.00	56.54	74.00	-17.46	42.15	14.39	Peak	100	40	6	16590.00	58.41	68.20	-9.79	42.37	16.04	Peak	100	40
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																
1	5460.00	45.94	54.00	-8.06	41.27	4.67	Average	177	102																																																																
2	5460.00	60.83	74.00	-13.17	56.16	4.67	Peak	177	102																																																																
3	5470.00	63.29	68.20	-4.91	58.59	4.70	Peak	177	102																																																																
4	11060.00	42.84	54.00	-11.16	28.45	14.39	Average	100	40																																																																
5	11060.00	56.54	74.00	-17.46	42.15	14.39	Peak	100	40																																																																
6	16590.00	58.41	68.20	-9.79	42.37	16.04	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-OFDMA	Test Freq. (MHz)	5530
Polarization	Vertical		
Test By :Brad Wu Temperature(°C):22 Humidity(%):64			
Level (dBuV/m)			

Modulation	ax HE80-OFDMA	Test Freq. (MHz)	5610																																																																																																				
Polarization	Horizontal																																																																																																						
Test By :Brad Wu Temperature(°C):22 Humidity(%):64																																																																																																							
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/m</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>44.94</td><td>54.00</td><td>-9.06</td><td>40.27</td><td>4.67</td><td>Average</td><td>179</td><td>101</td></tr><tr><td>2</td><td>5460.00</td><td>58.27</td><td>74.00</td><td>-15.73</td><td>53.60</td><td>4.67</td><td>Peak</td><td>179</td><td>101</td></tr><tr><td>3</td><td>5470.00</td><td>59.56</td><td>68.20</td><td>-8.64</td><td>54.86</td><td>4.70</td><td>Peak</td><td>179</td><td>101</td></tr><tr><td>4</td><td>5725.00</td><td>63.02</td><td>68.20</td><td>-5.18</td><td>57.85</td><td>5.17</td><td>Peak</td><td>179</td><td>101</td></tr><tr><td>5</td><td>11220.00</td><td>42.23</td><td>54.00</td><td>-11.77</td><td>28.41</td><td>13.82</td><td>Average</td><td>100</td><td>30</td></tr><tr><td>6</td><td>11220.00</td><td>56.03</td><td>74.00</td><td>-17.97</td><td>42.21</td><td>13.82</td><td>Peak</td><td>100</td><td>30</td></tr><tr><td>7</td><td>16830.00</td><td>60.01</td><td>68.20</td><td>-8.19</td><td>42.55</td><td>17.46</td><td>Peak</td><td>100</td><td>90</td></tr></table>					Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn		MHz	level	dBuV/m	dB	reading	dB/m		High	Table									cm	deg	1	5460.00	44.94	54.00	-9.06	40.27	4.67	Average	179	101	2	5460.00	58.27	74.00	-15.73	53.60	4.67	Peak	179	101	3	5470.00	59.56	68.20	-8.64	54.86	4.70	Peak	179	101	4	5725.00	63.02	68.20	-5.18	57.85	5.17	Peak	179	101	5	11220.00	42.23	54.00	-11.77	28.41	13.82	Average	100	30	6	11220.00	56.03	74.00	-17.97	42.21	13.82	Peak	100	30	7	16830.00	60.01	68.20	-8.19	42.55	17.46	Peak	100	90
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																																																																														
	MHz	level	dBuV/m	dB	reading	dB/m		High	Table																																																																																														
								cm	deg																																																																																														
1	5460.00	44.94	54.00	-9.06	40.27	4.67	Average	179	101																																																																																														
2	5460.00	58.27	74.00	-15.73	53.60	4.67	Peak	179	101																																																																																														
3	5470.00	59.56	68.20	-8.64	54.86	4.70	Peak	179	101																																																																																														
4	5725.00	63.02	68.20	-5.18	57.85	5.17	Peak	179	101																																																																																														
5	11220.00	42.23	54.00	-11.77	28.41	13.82	Average	100	30																																																																																														
6	11220.00	56.03	74.00	-17.97	42.21	13.82	Peak	100	30																																																																																														
7	16830.00	60.01	68.20	-8.19	42.55	17.46	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-OFDMA	Test Freq. (MHz)	5610																																																																																																				
Polarization	Vertical																																																																																																						
Test By :Brad Wu Temperature(°C):22 Humidity(%):64																																																																																																							
Level (dBuV/m)  <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/m</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>45.94</td><td>54.00</td><td>-8.06</td><td>41.27</td><td>4.67</td><td>Average</td><td>170</td><td>264</td></tr><tr><td>2</td><td>5460.00</td><td>59.27</td><td>74.00</td><td>-14.73</td><td>54.60</td><td>4.67</td><td>Peak</td><td>170</td><td>264</td></tr><tr><td>3</td><td>5470.00</td><td>60.39</td><td>68.20</td><td>-7.81</td><td>55.69</td><td>4.70</td><td>Peak</td><td>170</td><td>264</td></tr><tr><td>4</td><td>5725.00</td><td>67.93</td><td>68.20</td><td>-0.27</td><td>62.76</td><td>5.17</td><td>Peak</td><td>170</td><td>264</td></tr><tr><td>5</td><td>11220.00</td><td>42.39</td><td>54.00</td><td>-11.61</td><td>28.57</td><td>13.82</td><td>Average</td><td>100</td><td>40</td></tr><tr><td>6</td><td>11220.00</td><td>56.15</td><td>74.00</td><td>-17.85</td><td>42.33</td><td>13.82</td><td>Peak</td><td>100</td><td>40</td></tr><tr><td>7</td><td>16830.00</td><td>60.33</td><td>68.20</td><td>-7.87</td><td>42.87</td><td>17.46</td><td>Peak</td><td>100</td><td>60</td></tr></table>					Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn		MHz	level	dBuV/m	dB	reading	dB/m		High	Table									cm	deg	1	5460.00	45.94	54.00	-8.06	41.27	4.67	Average	170	264	2	5460.00	59.27	74.00	-14.73	54.60	4.67	Peak	170	264	3	5470.00	60.39	68.20	-7.81	55.69	4.70	Peak	170	264	4	5725.00	67.93	68.20	-0.27	62.76	5.17	Peak	170	264	5	11220.00	42.39	54.00	-11.61	28.57	13.82	Average	100	40	6	11220.00	56.15	74.00	-17.85	42.33	13.82	Peak	100	40	7	16830.00	60.33	68.20	-7.87	42.87	17.46	Peak	100	60
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																																																																														
	MHz	level	dBuV/m	dB	reading	dB/m		High	Table																																																																																														
								cm	deg																																																																																														
1	5460.00	45.94	54.00	-8.06	41.27	4.67	Average	170	264																																																																																														
2	5460.00	59.27	74.00	-14.73	54.60	4.67	Peak	170	264																																																																																														
3	5470.00	60.39	68.20	-7.81	55.69	4.70	Peak	170	264																																																																																														
4	5725.00	67.93	68.20	-0.27	62.76	5.17	Peak	170	264																																																																																														
5	11220.00	42.39	54.00	-11.61	28.57	13.82	Average	100	40																																																																																														
6	11220.00	56.15	74.00	-17.85	42.33	13.82	Peak	100	40																																																																																														
7	16830.00	60.33	68.20	-7.87	42.87	17.46	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-OFDMA	Test Freq. (MHz)	5690
Polarization	Horizontal		
Test By :Brad Wu Temperature(°C):22 Humidity(%):64			
Level (dBuV/m) </			

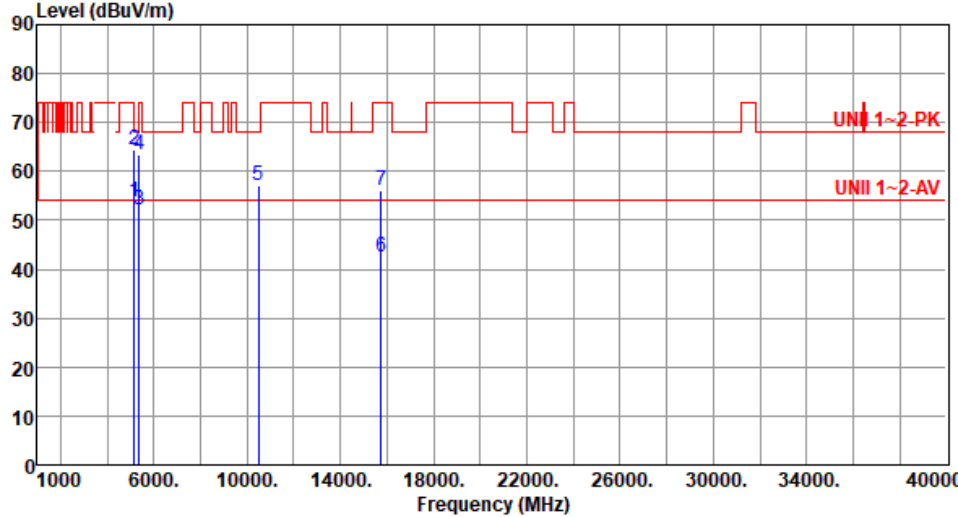
Modulation	ax HE80-OFDMA	Test Freq. (MHz)	5690																																																																																
Polarization	Vertical																																																																																		
Test By :Brad Wu Temperature(°C):22 Humidity(%):64																																																																																			
Level (dBuV/m)  Frequency (MHz) <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/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>5460.00</td><td>44.89</td><td>54.00</td><td>-9.11</td><td>40.22</td><td>4.67</td><td>Average</td><td>176</td><td>265</td></tr><tr><td>2</td><td>5460.00</td><td>58.32</td><td>74.00</td><td>-15.68</td><td>53.65</td><td>4.67</td><td>Peak</td><td>176</td><td>265</td></tr><tr><td>3</td><td>5470.00</td><td>58.91</td><td>68.20</td><td>-9.29</td><td>54.21</td><td>4.70</td><td>Peak</td><td>176</td><td>265</td></tr><tr><td>4</td><td>5850.00</td><td>63.34</td><td>68.20</td><td>-4.86</td><td>57.69</td><td>5.65</td><td>Peak</td><td>176</td><td>265</td></tr><tr><td>5</td><td>11380.00</td><td>42.65</td><td>54.00</td><td>-11.35</td><td>28.56</td><td>14.09</td><td>Average</td><td>100</td><td>60</td></tr><tr><td>6</td><td>11380.00</td><td>56.58</td><td>74.00</td><td>-17.42</td><td>42.49</td><td>14.09</td><td>Peak</td><td>100</td><td>60</td></tr><tr><td>7</td><td>17070.00</td><td>60.04</td><td>68.20</td><td>-8.16</td><td>42.67</td><td>17.37</td><td>Peak</td><td>100</td><td>40</td></tr></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5460.00	44.89	54.00	-9.11	40.22	4.67	Average	176	265	2	5460.00	58.32	74.00	-15.68	53.65	4.67	Peak	176	265	3	5470.00	58.91	68.20	-9.29	54.21	4.70	Peak	176	265	4	5850.00	63.34	68.20	-4.86	57.69	5.65	Peak	176	265	5	11380.00	42.65	54.00	-11.35	28.56	14.09	Average	100	60	6	11380.00	56.58	74.00	-17.42	42.49	14.09	Peak	100	60	7	17070.00	60.04	68.20	-8.16	42.67	17.37	Peak	100	40
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																										
1	5460.00	44.89	54.00	-9.11	40.22	4.67	Average	176	265																																																																										
2	5460.00	58.32	74.00	-15.68	53.65	4.67	Peak	176	265																																																																										
3	5470.00	58.91	68.20	-9.29	54.21	4.70	Peak	176	265																																																																										
4	5850.00	63.34	68.20	-4.86	57.69	5.65	Peak	176	265																																																																										
5	11380.00	42.65	54.00	-11.35	28.56	14.09	Average	100	60																																																																										
6	11380.00	56.58	74.00	-17.42	42.49	14.09	Peak	100	60																																																																										
7	17070.00	60.04	68.20	-8.16	42.67	17.37	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-OFDMA	Test Freq. (MHz)	5855
Polarization	Horizontal		
Test By :Roger Lu Temperature(°C):22 Humidity(%):65			
Level (dBuV/m) </			

Modulation	ax HE80-OFDMA	Test Freq. (MHz)	5855
Polarization	Vertical		
Test By :Roger Lu Temperature(°C):22 Humidity(%):65			
Level (dBuV/m)			

3.5.9 Transmitter Radiated Unwanted Emissions (Above 1GHz) for ax HE160-OFDMA

Modulation	ax HE160-OFDMA	Test Freq. (MHz)	5250
Polarization	Horizontal		
Test By :Akun Chung Temperature(°C):22 Humidity(%):65			
Level (dBuV/m) </			

Modulation	ax HE160-OFDMA	Test Freq. (MHz)	5250																																																																																
Polarization	Vertical																																																																																		
Test By :Akun Chung Temperature(°C):22 Humidity(%):65																																																																																			
Level (dBuV/m)  Frequency (MHz) <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/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>5150.00</td><td>53.68</td><td>54.00</td><td>-0.32</td><td>48.67</td><td>5.01</td><td>Average</td><td>163</td><td>257</td></tr><tr><td>2</td><td>5150.00</td><td>64.57</td><td>74.00</td><td>-9.43</td><td>59.56</td><td>5.01</td><td>Peak</td><td>163</td><td>257</td></tr><tr><td>3</td><td>5350.00</td><td>52.11</td><td>54.00</td><td>-1.89</td><td>47.69</td><td>4.42</td><td>Average</td><td>163</td><td>257</td></tr><tr><td>4</td><td>5350.00</td><td>63.30</td><td>74.00</td><td>-10.70</td><td>58.88</td><td>4.42</td><td>Peak</td><td>163</td><td>257</td></tr><tr><td>5</td><td>10500.00</td><td>57.09</td><td>68.20</td><td>-11.11</td><td>42.59</td><td>14.50</td><td>Peak</td><td>100</td><td>60</td></tr><tr><td>6</td><td>15750.00</td><td>42.60</td><td>54.00</td><td>-11.40</td><td>29.15</td><td>13.45</td><td>Average</td><td>100</td><td>30</td></tr><tr><td>7</td><td>15750.00</td><td>56.09</td><td>74.00</td><td>-17.91</td><td>42.64</td><td>13.45</td><td>Peak</td><td>100</td><td>30</td></tr></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5150.00	53.68	54.00	-0.32	48.67	5.01	Average	163	257	2	5150.00	64.57	74.00	-9.43	59.56	5.01	Peak	163	257	3	5350.00	52.11	54.00	-1.89	47.69	4.42	Average	163	257	4	5350.00	63.30	74.00	-10.70	58.88	4.42	Peak	163	257	5	10500.00	57.09	68.20	-11.11	42.59	14.50	Peak	100	60	6	15750.00	42.60	54.00	-11.40	29.15	13.45	Average	100	30	7	15750.00	56.09	74.00	-17.91	42.64	13.45	Peak	100	30
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																										
1	5150.00	53.68	54.00	-0.32	48.67	5.01	Average	163	257																																																																										
2	5150.00	64.57	74.00	-9.43	59.56	5.01	Peak	163	257																																																																										
3	5350.00	52.11	54.00	-1.89	47.69	4.42	Average	163	257																																																																										
4	5350.00	63.30	74.00	-10.70	58.88	4.42	Peak	163	257																																																																										
5	10500.00	57.09	68.20	-11.11	42.59	14.50	Peak	100	60																																																																										
6	15750.00	42.60	54.00	-11.40	29.15	13.45	Average	100	30																																																																										
7	15750.00	56.09	74.00	-17.91	42.64	13.45	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 HE160-OFDMA	Test Freq. (MHz)	5570																																																																																																				
Polarization	Horizontal																																																																																																						
Test By :Brad Wu Temperature(°C):22 Humidity(%):64																																																																																																							
Level (dBUV/m) <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/m</th><th></th><th>High</th><th>Table</th></tr><tr><th></th><th></th><th></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>46.83</td><td>54.00</td><td>-7.17</td><td>42.16</td><td>4.67</td><td>Average</td><td>170</td><td>108</td></tr><tr><td>2</td><td>5460.00</td><td>59.01</td><td>74.00</td><td>-14.99</td><td>54.34</td><td>4.67</td><td>Peak</td><td>170</td><td>108</td></tr><tr><td>3</td><td>5470.00</td><td>62.68</td><td>68.20</td><td>-5.52</td><td>57.98</td><td>4.70</td><td>Peak</td><td>170</td><td>108</td></tr><tr><td>4</td><td>5725.00</td><td>63.32</td><td>68.20</td><td>-4.88</td><td>58.15</td><td>5.17</td><td>Peak</td><td>170</td><td>108</td></tr><tr><td>5</td><td>11140.00</td><td>42.47</td><td>54.00</td><td>-11.53</td><td>28.42</td><td>14.05</td><td>Average</td><td>100</td><td>30</td></tr><tr><td>6</td><td>11140.00</td><td>56.30</td><td>74.00</td><td>-17.70</td><td>42.25</td><td>14.05</td><td>Peak</td><td>100</td><td>30</td></tr><tr><td>7</td><td>16710.00</td><td>59.86</td><td>68.20</td><td>-8.34</td><td>42.86</td><td>17.00</td><td>Peak</td><td>100</td><td>90</td></tr></table>					Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn		MHz	level	dBuV/m	dB	reading	dB/m		High	Table						dBuV			cm	deg	1	5460.00	46.83	54.00	-7.17	42.16	4.67	Average	170	108	2	5460.00	59.01	74.00	-14.99	54.34	4.67	Peak	170	108	3	5470.00	62.68	68.20	-5.52	57.98	4.70	Peak	170	108	4	5725.00	63.32	68.20	-4.88	58.15	5.17	Peak	170	108	5	11140.00	42.47	54.00	-11.53	28.42	14.05	Average	100	30	6	11140.00	56.30	74.00	-17.70	42.25	14.05	Peak	100	30	7	16710.00	59.86	68.20	-8.34	42.86	17.00	Peak	100	90
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																																																																														
	MHz	level	dBuV/m	dB	reading	dB/m		High	Table																																																																																														
					dBuV			cm	deg																																																																																														
1	5460.00	46.83	54.00	-7.17	42.16	4.67	Average	170	108																																																																																														
2	5460.00	59.01	74.00	-14.99	54.34	4.67	Peak	170	108																																																																																														
3	5470.00	62.68	68.20	-5.52	57.98	4.70	Peak	170	108																																																																																														
4	5725.00	63.32	68.20	-4.88	58.15	5.17	Peak	170	108																																																																																														
5	11140.00	42.47	54.00	-11.53	28.42	14.05	Average	100	30																																																																																														
6	11140.00	56.30	74.00	-17.70	42.25	14.05	Peak	100	30																																																																																														
7	16710.00	59.86	68.20	-8.34	42.86	17.00	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 HE160-OFDMA	Test Freq. (MHz)	5570
Polarization	Vertical		
Test By :Brad Wu Temperature(°C):22 Humidity(%):64			
Level (dBuV/m)			

Beamforming mode

3.5.10 Transmitter Radiated Unwanted Emissions (Below 1GHz)

Modulation	ax HE20-OFDMA		Test Freq. (MHz)		5300	
Polarization	Horizontal					
Test By :Akun Chung Temperature(°C):22 Humidity(%):65						
Level (dBuV/m) </						

Modulation	ax HE20-OFDMA	Test Freq. (MHz)	5300
Polarization	Vertical		
Test By :Akun Chung Temperature(°C):22 Humidity(%):65			
Level (dBuV/m)			

Modulation	ax HE40-OFDMA		Test Freq. (MHz)	5590	
Polarization	Horizontal				
Test By :Akun Chung Temperature(°C):22 Humidity(%):65					
Level (dBUV/m) </					

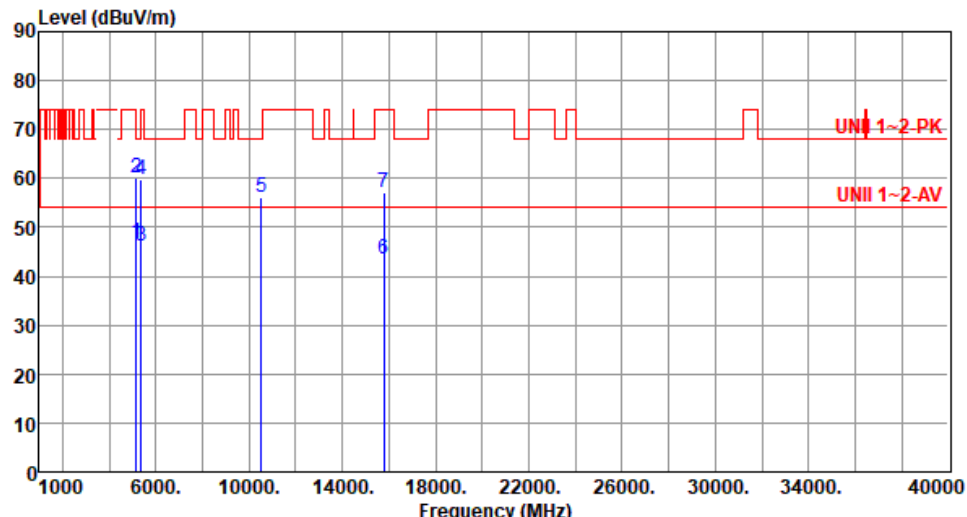
Modulation	ax HE40-OFDMA	Test Freq. (MHz)	5590
Polarization	Vertical		
Test By :Akun Chung Temperature(°C):22 Humidity(%):65			
Level (dBuV/m)			

Modulation	ax HE20-OFDMA	Test Freq. (MHz)	5845
Polarization	Horizontal		
Test By :Akun Chung Temperature(°C):22 Humidity(%):65			
Level (dBuV/m)			

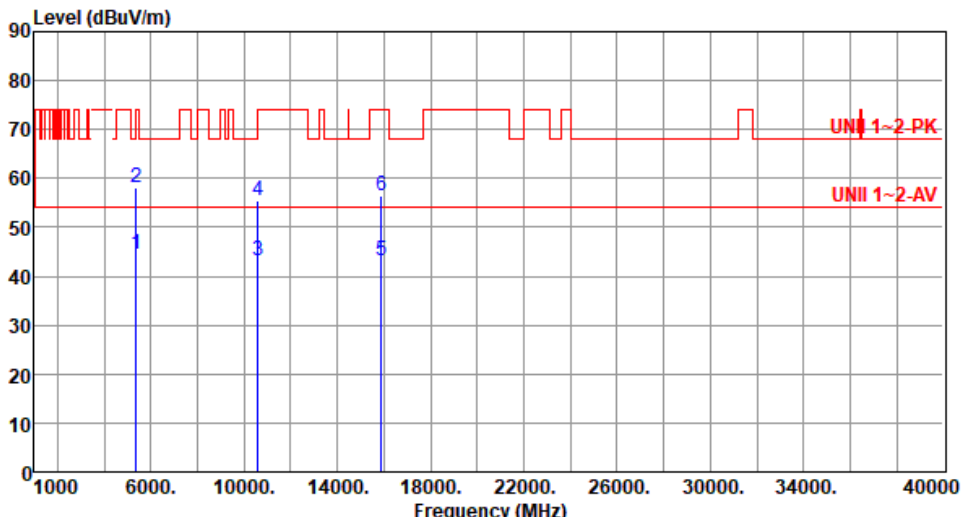
Modulation	ax HE20-OFDMA	Test Freq. (MHz)	5845
Polarization	Vertical		
Test By :Akun Chung Temperature(°C):22 Humidity(%):65			
Level (dBuV/m)			

3.5.11 Transmitter Radiated Unwanted Emissions (Above 1GHz) for ax HE20-OFDMA

Modulation	ax HE20-OFDMA	Test Freq. (MHz)	5260
Polarization	Horizontal		
Test By :Brad Wu Temperature(°C):22 Humidity(%):65			
Level (dBuV/m) <			

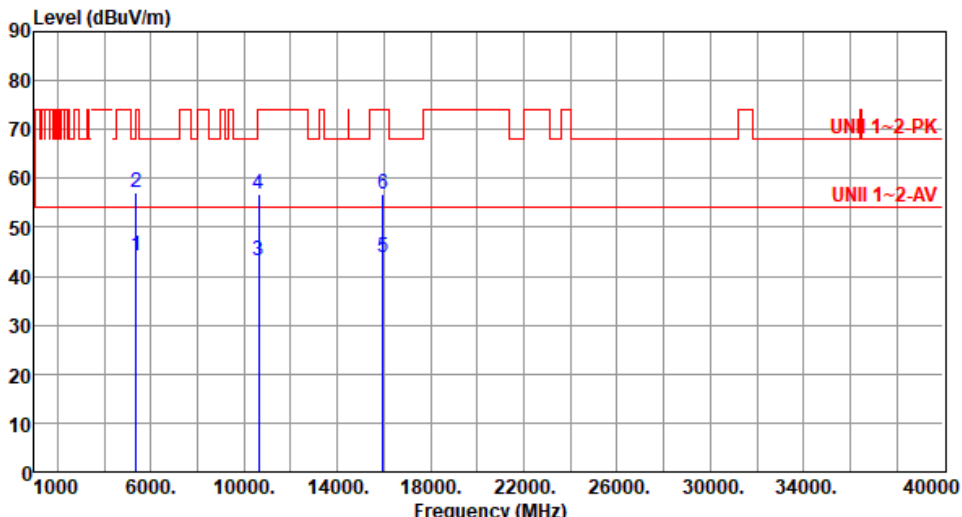
Modulation	ax HE20-OFDMA	Test Freq. (MHz)	5260						
Polarization	Vertical								
Test By :Brad Wu Temperature(°C):22 Humidity(%):65									
Level (dBuV/m)  Frequency (MHz)									
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	46.68	54.00	-7.32	41.67	5.01	Average	176	256
2	5150.00	60.10	74.00	-13.90	55.09	5.01	Peak	176	256
3	5350.00	46.27	54.00	-7.73	41.85	4.42	Average	176	256
4	5350.00	59.68	74.00	-14.32	55.26	4.42	Peak	176	256
5	10520.00	56.06	68.20	-12.14	41.59	14.47	Peak	100	38
6	15780.00	43.63	54.00	-10.37	30.15	13.48	Average	100	12
7	15780.00	57.15	74.00	-16.85	43.67	13.48	Peak	100	12

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

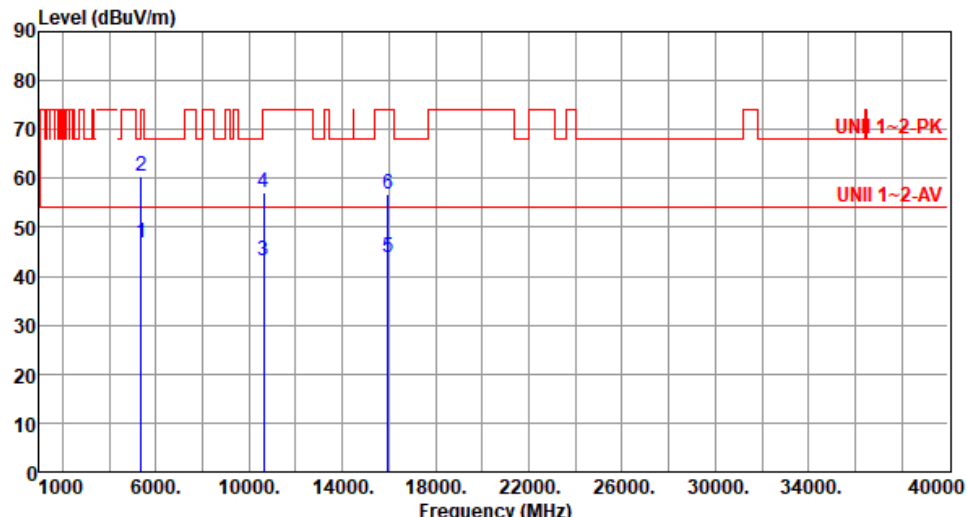
Modulation	ax HE20-OFDMA	Test Freq. (MHz)	5300						
Polarization	Horizontal								
Test By :Brad Wu Temperature(°C):22 Humidity(%):65									
Level (dBUV/m)  Frequency (MHz)									
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5350.00	44.50	54.00	-9.50	40.08	4.42	Average	100	2
2	5350.00	58.03	74.00	-15.97	53.61	4.42	Peak	100	2
3	10600.00	43.12	54.00	-10.88	28.77	14.35	Average	100	19
4	10600.00	55.59	74.00	-18.41	41.24	14.35	Peak	100	19
5	15900.00	43.32	54.00	-10.68	29.75	13.57	Average	100	26
6	15900.00	56.46	74.00	-17.54	42.89	13.57	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).

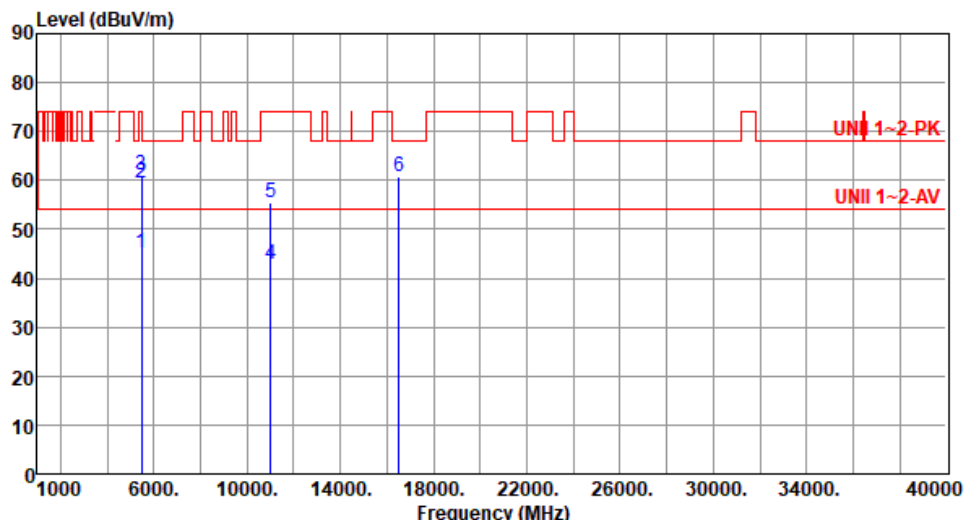
Modulation	ax HE20-OFDMA	Test Freq. (MHz)	5300
Polarization	Vertical		
Test By :Brad Wu Temperature(°C):22 Humidity(%):65			
Level (dBUV/m) <			

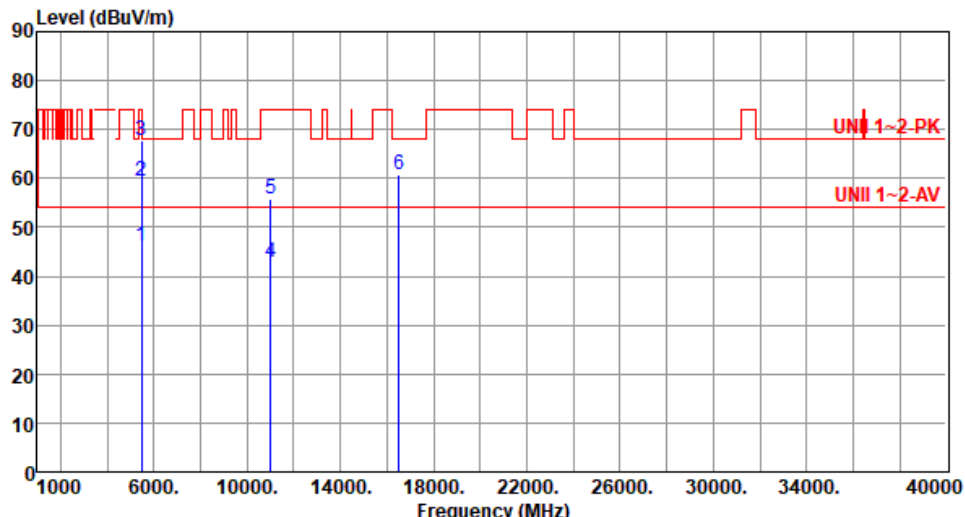
Modulation	ax HE20-OFDMA	Test Freq. (MHz)	5320						
Polarization	Horizontal								
Test By :Brad Wu Temperature(°C):22 Humidity(%):65									
Level (dBUV/m)  Frequency (MHz)									
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5350.00	44.33	54.00	-9.67	39.91	4.42	Average	100	9
2	5350.00	57.16	74.00	-16.84	52.74	4.42	Peak	100	9
3	10640.00	43.28	54.00	-10.72	28.91	14.37	Average	100	45
4	10640.00	56.93	74.00	-17.07	42.56	14.37	Peak	100	45
5	15960.00	43.74	54.00	-10.26	30.06	13.68	Average	100	61
6	15960.00	56.79	74.00	-17.21	43.11	13.68	Peak	100	61

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

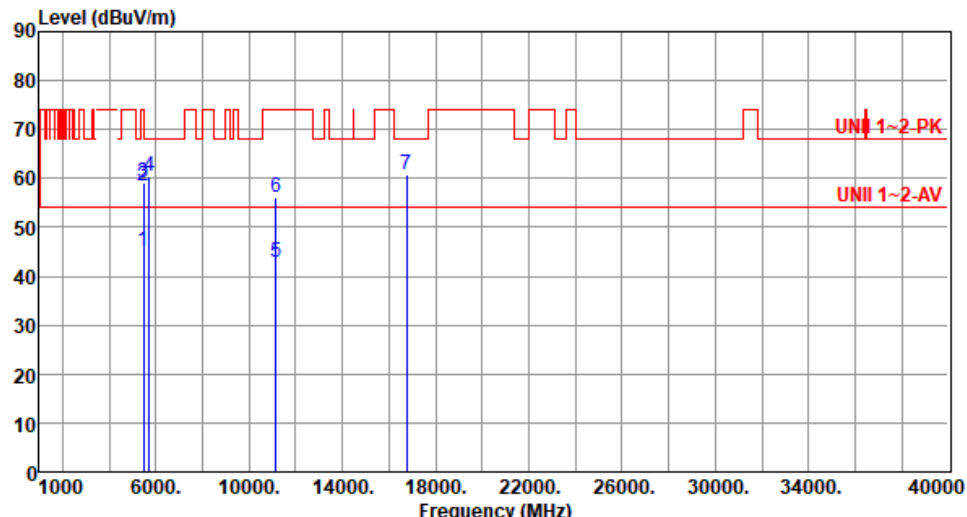
Modulation	ax HE20-OFDMA	Test Freq. (MHz)	5320						
Polarization	Vertical								
Test By :Brad Wu Temperature(°C):22 Humidity(%):65									
Level (dBUV/m)  Frequency (MHz)									
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5350.00	46.83	54.00	-7.17	42.41	4.42	Average	174	256
2	5350.00	60.32	74.00	-13.68	55.90	4.42	Peak	174	256
3	10640.00	43.29	54.00	-10.71	28.92	14.37	Average	100	14
4	10640.00	57.01	74.00	-16.99	42.64	14.37	Peak	100	14
5	15960.00	43.84	54.00	-10.16	30.16	13.68	Average	100	35
6	15960.00	56.94	74.00	-17.06	43.26	13.68	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).

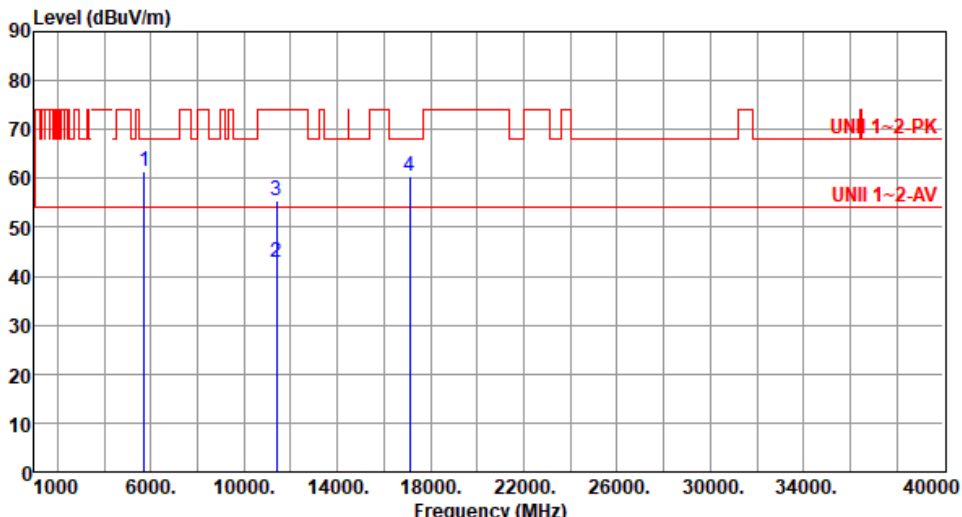
Modulation	ax HE20-OFDMA	Test Freq. (MHz)	5500																																																																						
Polarization	Horizontal																																																																								
Test By :Brad Wu Temperature(°C):22 Humidity(%):65																																																																									
Level (dBuV/m)  Frequency (MHz) <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/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>5460.00</td><td>45.07</td><td>54.00</td><td>-8.93</td><td>40.40</td><td>4.67</td><td>Average</td><td>179</td><td>85</td></tr><tr><td>2</td><td>5460.00</td><td>59.36</td><td>74.00</td><td>-14.64</td><td>54.69</td><td>4.67</td><td>Peak</td><td>179</td><td>85</td></tr><tr><td>3</td><td>5470.00</td><td>61.15</td><td>68.20</td><td>-7.05</td><td>56.45</td><td>4.70</td><td>Peak</td><td>179</td><td>85</td></tr><tr><td>4</td><td>11000.00</td><td>42.75</td><td>54.00</td><td>-11.25</td><td>28.10</td><td>14.65</td><td>Average</td><td>100</td><td>31</td></tr><tr><td>5</td><td>11000.00</td><td>55.41</td><td>74.00</td><td>-18.59</td><td>40.76</td><td>14.65</td><td>Peak</td><td>100</td><td>31</td></tr><tr><td>6</td><td>16500.00</td><td>60.65</td><td>68.20</td><td>-7.55</td><td>44.31</td><td>16.34</td><td>Peak</td><td>100</td><td>52</td></tr></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5460.00	45.07	54.00	-8.93	40.40	4.67	Average	179	85	2	5460.00	59.36	74.00	-14.64	54.69	4.67	Peak	179	85	3	5470.00	61.15	68.20	-7.05	56.45	4.70	Peak	179	85	4	11000.00	42.75	54.00	-11.25	28.10	14.65	Average	100	31	5	11000.00	55.41	74.00	-18.59	40.76	14.65	Peak	100	31	6	16500.00	60.65	68.20	-7.55	44.31	16.34	Peak	100	52
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																
1	5460.00	45.07	54.00	-8.93	40.40	4.67	Average	179	85																																																																
2	5460.00	59.36	74.00	-14.64	54.69	4.67	Peak	179	85																																																																
3	5470.00	61.15	68.20	-7.05	56.45	4.70	Peak	179	85																																																																
4	11000.00	42.75	54.00	-11.25	28.10	14.65	Average	100	31																																																																
5	11000.00	55.41	74.00	-18.59	40.76	14.65	Peak	100	31																																																																
6	16500.00	60.65	68.20	-7.55	44.31	16.34	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).																																																																									

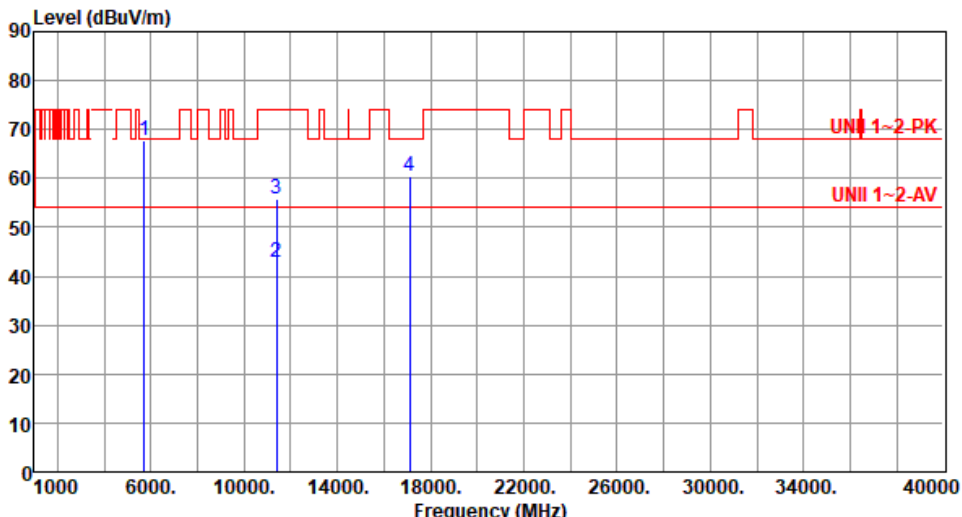
Modulation	ax HE20-OFDMA	Test Freq. (MHz)	5500																																																																						
Polarization	Vertical																																																																								
Test By :Brad Wu Temperature(°C):22 Humidity(%):65																																																																									
Level (dBUV/m)  Frequency (MHz) <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/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>5460.00</td><td>46.00</td><td>54.00</td><td>-8.00</td><td>41.33</td><td>4.67</td><td>Average</td><td>164</td><td>290</td></tr><tr><td>2</td><td>5460.00</td><td>59.44</td><td>74.00</td><td>-14.56</td><td>54.77</td><td>4.67</td><td>Peak</td><td>164</td><td>290</td></tr><tr><td>3</td><td>5470.00</td><td>67.75</td><td>68.20</td><td>-0.45</td><td>63.05</td><td>4.70</td><td>Peak</td><td>164</td><td>290</td></tr><tr><td>4</td><td>11000.00</td><td>42.82</td><td>54.00</td><td>-11.18</td><td>28.17</td><td>14.65</td><td>Average</td><td>100</td><td>46</td></tr><tr><td>5</td><td>11000.00</td><td>55.89</td><td>74.00</td><td>-18.11</td><td>41.24</td><td>14.65</td><td>Peak</td><td>100</td><td>46</td></tr><tr><td>6</td><td>16500.00</td><td>60.65</td><td>68.20</td><td>-7.55</td><td>44.31</td><td>16.34</td><td>Peak</td><td>100</td><td>28</td></tr></table>					Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5460.00	46.00	54.00	-8.00	41.33	4.67	Average	164	290	2	5460.00	59.44	74.00	-14.56	54.77	4.67	Peak	164	290	3	5470.00	67.75	68.20	-0.45	63.05	4.70	Peak	164	290	4	11000.00	42.82	54.00	-11.18	28.17	14.65	Average	100	46	5	11000.00	55.89	74.00	-18.11	41.24	14.65	Peak	100	46	6	16500.00	60.65	68.20	-7.55	44.31	16.34	Peak	100	28
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																
1	5460.00	46.00	54.00	-8.00	41.33	4.67	Average	164	290																																																																
2	5460.00	59.44	74.00	-14.56	54.77	4.67	Peak	164	290																																																																
3	5470.00	67.75	68.20	-0.45	63.05	4.70	Peak	164	290																																																																
4	11000.00	42.82	54.00	-11.18	28.17	14.65	Average	100	46																																																																
5	11000.00	55.89	74.00	-18.11	41.24	14.65	Peak	100	46																																																																
6	16500.00	60.65	68.20	-7.55	44.31	16.34	Peak	100	28																																																																
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor* (dB) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).																																																																									

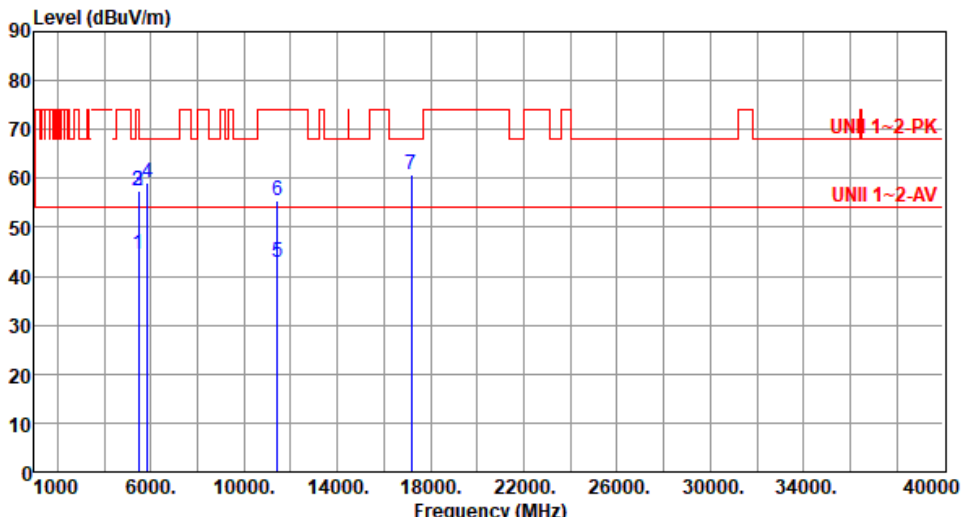
Modulation	ax HE20-OFDMA	Test Freq. (MHz)	5580
Polarization	Horizontal		
Test By :Brad Wu Temperature(°C):22 Humidity(%):65			
Level (dBuV/m)			

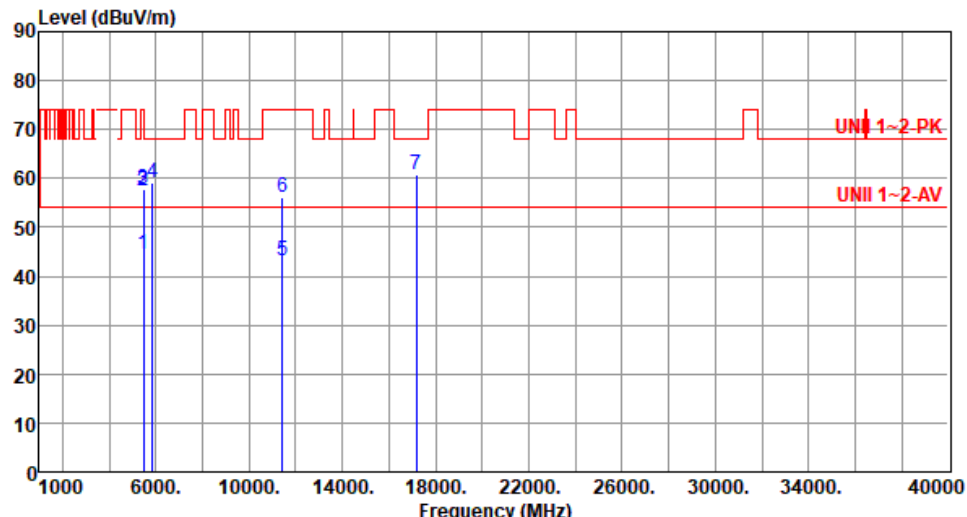
Modulation	ax HE20-OFDMA	Test Freq. (MHz)	5580						
Polarization	Vertical								
Test By :Brad Wu Temperature(°C):22 Humidity(%):65									
Level (dBuV/m)  Frequency (MHz)									
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	45.29	54.00	-8.71	40.62	4.67	Average	165	305
2	5460.00	58.49	74.00	-15.51	53.82	4.67	Peak	165	305
3	5470.00	59.01	68.20	-9.19	54.31	4.70	Peak	165	305
4	5725.00	60.59	68.20	-7.61	55.42	5.17	Peak	165	305
5	11160.00	42.89	54.00	-11.11	28.92	13.97	Average	100	35
6	11160.00	55.99	74.00	-18.01	42.02	13.97	Peak	100	35
7	16740.00	60.69	68.20	-7.51	43.52	17.17	Peak	100	21

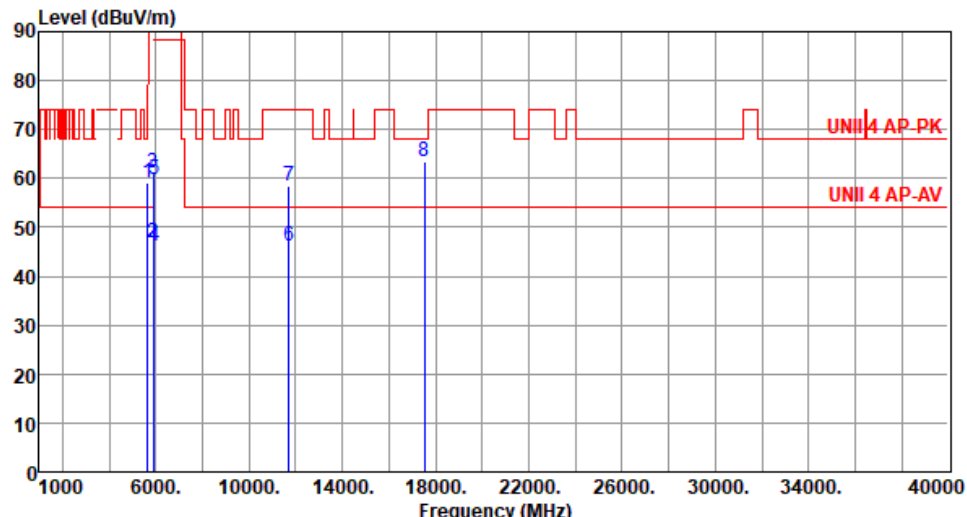
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

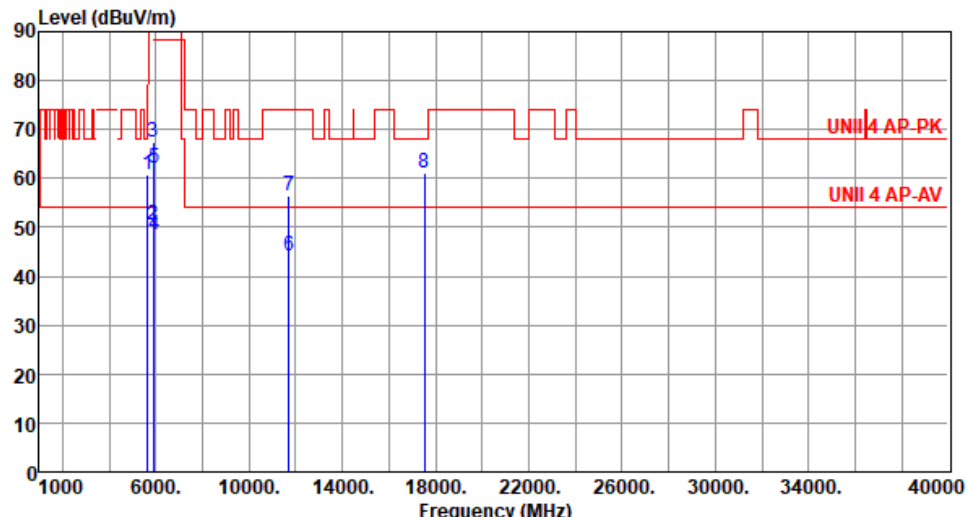
Modulation	ax HE20-OFDMA	Test Freq. (MHz)	5700																																																		
Polarization	Horizontal																																																				
Test By :Brad Wu Temperature(°C):22 Humidity(%):65																																																					
Level (dBUV/m)  Frequency (MHz) <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/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>5725.00</td><td>61.55</td><td>68.20</td><td>-6.65</td><td>56.38</td><td>5.17</td><td>Peak</td><td>181</td><td>95</td></tr><tr><td>2</td><td>11400.00</td><td>42.74</td><td>54.00</td><td>-11.26</td><td>28.60</td><td>14.14</td><td>Average</td><td>100</td><td>34</td></tr><tr><td>3</td><td>11400.00</td><td>55.38</td><td>74.00</td><td>-18.62</td><td>41.24</td><td>14.14</td><td>Peak</td><td>100</td><td>34</td></tr><tr><td>4</td><td>17100.00</td><td>60.45</td><td>68.20</td><td>-7.75</td><td>43.03</td><td>17.42</td><td>Peak</td><td>100</td><td>26</td></tr></table>					Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5725.00	61.55	68.20	-6.65	56.38	5.17	Peak	181	95	2	11400.00	42.74	54.00	-11.26	28.60	14.14	Average	100	34	3	11400.00	55.38	74.00	-18.62	41.24	14.14	Peak	100	34	4	17100.00	60.45	68.20	-7.75	43.03	17.42	Peak	100	26
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																												
1	5725.00	61.55	68.20	-6.65	56.38	5.17	Peak	181	95																																												
2	11400.00	42.74	54.00	-11.26	28.60	14.14	Average	100	34																																												
3	11400.00	55.38	74.00	-18.62	41.24	14.14	Peak	100	34																																												
4	17100.00	60.45	68.20	-7.75	43.03	17.42	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).																																																					

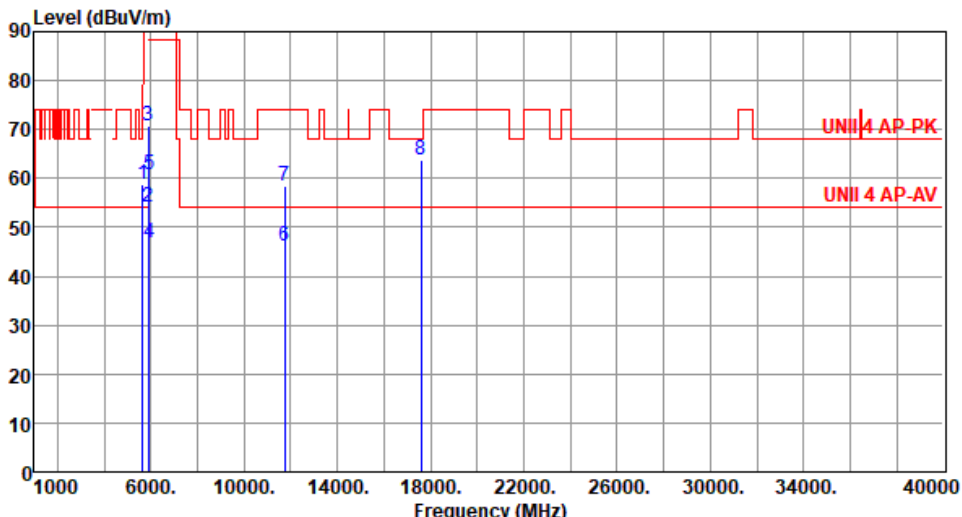
Modulation	ax HE20-OFDMA	Test Freq. (MHz)	5700																																																		
Polarization	Vertical																																																				
Test By :Brad Wu Temperature(°C):22 Humidity(%):65																																																					
Level (dBuV/m)  Frequency (MHz) <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/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>5725.00</td><td>67.82</td><td>68.20</td><td>-0.38</td><td>62.65</td><td>5.17</td><td>Peak</td><td>172</td><td>308</td></tr><tr><td>2</td><td>11400.00</td><td>42.75</td><td>54.00</td><td>-11.25</td><td>28.61</td><td>14.14</td><td>Average</td><td>100</td><td>51</td></tr><tr><td>3</td><td>11400.00</td><td>55.84</td><td>74.00</td><td>-18.16</td><td>41.70</td><td>14.14</td><td>Peak</td><td>100</td><td>51</td></tr><tr><td>4</td><td>17100.00</td><td>60.58</td><td>68.20</td><td>-7.62</td><td>43.16</td><td>17.42</td><td>Peak</td><td>100</td><td>25</td></tr></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5725.00	67.82	68.20	-0.38	62.65	5.17	Peak	172	308	2	11400.00	42.75	54.00	-11.25	28.61	14.14	Average	100	51	3	11400.00	55.84	74.00	-18.16	41.70	14.14	Peak	100	51	4	17100.00	60.58	68.20	-7.62	43.16	17.42	Peak	100	25
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																												
1	5725.00	67.82	68.20	-0.38	62.65	5.17	Peak	172	308																																												
2	11400.00	42.75	54.00	-11.25	28.61	14.14	Average	100	51																																												
3	11400.00	55.84	74.00	-18.16	41.70	14.14	Peak	100	51																																												
4	17100.00	60.58	68.20	-7.62	43.16	17.42	Peak	100	25																																												
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																																					

Modulation	ax HE20-OFDMA	Test Freq. (MHz)	5720																																																																																																				
Polarization	Horizontal																																																																																																						
Test By :Brad Wu Temperature(°C):22 Humidity(%):65																																																																																																							
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/m</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>44.45</td><td>54.00</td><td>-9.55</td><td>39.78</td><td>4.67</td><td>Average</td><td>181</td><td>96</td></tr><tr><td>2</td><td>5460.00</td><td>57.52</td><td>74.00</td><td>-16.48</td><td>52.85</td><td>4.67</td><td>Peak</td><td>181</td><td>96</td></tr><tr><td>3</td><td>5470.00</td><td>57.58</td><td>68.20</td><td>-10.62</td><td>52.88</td><td>4.70</td><td>Peak</td><td>181</td><td>96</td></tr><tr><td>4</td><td>5850.00</td><td>58.96</td><td>68.20</td><td>-9.24</td><td>53.31</td><td>5.65</td><td>Peak</td><td>181</td><td>96</td></tr><tr><td>5</td><td>11440.00</td><td>42.95</td><td>54.00</td><td>-11.05</td><td>28.69</td><td>14.26</td><td>Average</td><td>100</td><td>38</td></tr><tr><td>6</td><td>11440.00</td><td>55.61</td><td>74.00</td><td>-18.39</td><td>41.35</td><td>14.26</td><td>Peak</td><td>100</td><td>38</td></tr><tr><td>7</td><td>17160.00</td><td>60.84</td><td>68.20</td><td>-7.36</td><td>43.42</td><td>17.42</td><td>Peak</td><td>100</td><td>21</td></tr></table>					Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn		MHz	level	dBuV/m	dB	reading	dB/m		High	Table									cm	deg	1	5460.00	44.45	54.00	-9.55	39.78	4.67	Average	181	96	2	5460.00	57.52	74.00	-16.48	52.85	4.67	Peak	181	96	3	5470.00	57.58	68.20	-10.62	52.88	4.70	Peak	181	96	4	5850.00	58.96	68.20	-9.24	53.31	5.65	Peak	181	96	5	11440.00	42.95	54.00	-11.05	28.69	14.26	Average	100	38	6	11440.00	55.61	74.00	-18.39	41.35	14.26	Peak	100	38	7	17160.00	60.84	68.20	-7.36	43.42	17.42	Peak	100	21
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																																																																														
	MHz	level	dBuV/m	dB	reading	dB/m		High	Table																																																																																														
								cm	deg																																																																																														
1	5460.00	44.45	54.00	-9.55	39.78	4.67	Average	181	96																																																																																														
2	5460.00	57.52	74.00	-16.48	52.85	4.67	Peak	181	96																																																																																														
3	5470.00	57.58	68.20	-10.62	52.88	4.70	Peak	181	96																																																																																														
4	5850.00	58.96	68.20	-9.24	53.31	5.65	Peak	181	96																																																																																														
5	11440.00	42.95	54.00	-11.05	28.69	14.26	Average	100	38																																																																																														
6	11440.00	55.61	74.00	-18.39	41.35	14.26	Peak	100	38																																																																																														
7	17160.00	60.84	68.20	-7.36	43.42	17.42	Peak	100	21																																																																																														
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																																																																																							

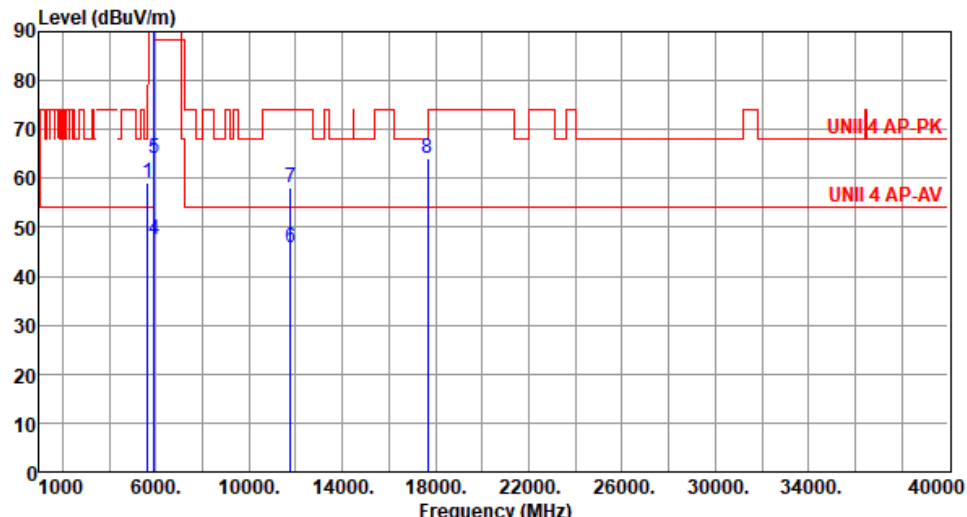
Modulation	ax HE20-OFDMA	Test Freq. (MHz)	5720																																																																																
Polarization	Vertical																																																																																		
Test By :Brad Wu Temperature(°C):22 Humidity(%):65																																																																																			
Level (dBuV/m)  <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/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>5460.00</td><td>44.53</td><td>54.00</td><td>-9.47</td><td>39.86</td><td>4.67</td><td>Average</td><td>183</td><td>271</td></tr><tr><td>2</td><td>5460.00</td><td>57.59</td><td>74.00</td><td>-16.41</td><td>52.92</td><td>4.67</td><td>Peak</td><td>183</td><td>271</td></tr><tr><td>3</td><td>5470.00</td><td>57.68</td><td>68.20</td><td>-10.52</td><td>52.98</td><td>4.70</td><td>Peak</td><td>183</td><td>271</td></tr><tr><td>4</td><td>5850.00</td><td>59.09</td><td>68.20</td><td>-9.11</td><td>53.44</td><td>5.65</td><td>Peak</td><td>183</td><td>271</td></tr><tr><td>5</td><td>11440.00</td><td>43.16</td><td>54.00</td><td>-10.84</td><td>28.90</td><td>14.26</td><td>Average</td><td>100</td><td>48</td></tr><tr><td>6</td><td>11440.00</td><td>56.21</td><td>74.00</td><td>-17.79</td><td>41.95</td><td>14.26</td><td>Peak</td><td>100</td><td>48</td></tr><tr><td>7</td><td>17160.00</td><td>60.94</td><td>68.20</td><td>-7.26</td><td>43.52</td><td>17.42</td><td>Peak</td><td>100</td><td>31</td></tr></tbody></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5460.00	44.53	54.00	-9.47	39.86	4.67	Average	183	271	2	5460.00	57.59	74.00	-16.41	52.92	4.67	Peak	183	271	3	5470.00	57.68	68.20	-10.52	52.98	4.70	Peak	183	271	4	5850.00	59.09	68.20	-9.11	53.44	5.65	Peak	183	271	5	11440.00	43.16	54.00	-10.84	28.90	14.26	Average	100	48	6	11440.00	56.21	74.00	-17.79	41.95	14.26	Peak	100	48	7	17160.00	60.94	68.20	-7.26	43.52	17.42	Peak	100	31
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																										
1	5460.00	44.53	54.00	-9.47	39.86	4.67	Average	183	271																																																																										
2	5460.00	57.59	74.00	-16.41	52.92	4.67	Peak	183	271																																																																										
3	5470.00	57.68	68.20	-10.52	52.98	4.70	Peak	183	271																																																																										
4	5850.00	59.09	68.20	-9.11	53.44	5.65	Peak	183	271																																																																										
5	11440.00	43.16	54.00	-10.84	28.90	14.26	Average	100	48																																																																										
6	11440.00	56.21	74.00	-17.79	41.95	14.26	Peak	100	48																																																																										
7	17160.00	60.94	68.20	-7.26	43.52	17.42	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).																																																																																			

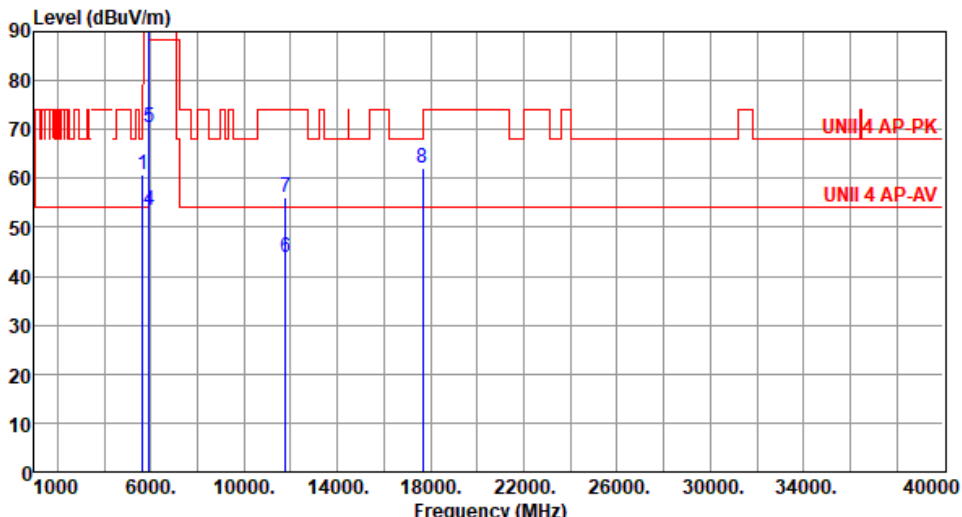
Modulation	ax HE20-OFDMA	Test Freq. (MHz)	5845																																																																																																														
Polarization	Horizontal																																																																																																																
Test By :Akun Chung Temperature(°C):23 Humidity(%):66																																																																																																																	
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/m</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>5650.00</td><td>59.13</td><td>68.20</td><td>-9.07</td><td>54.32</td><td>4.81</td><td>Peak</td><td>260</td><td>257</td></tr><tr><td>2</td><td>5895.00</td><td>46.92</td><td>110.20</td><td>-63.28</td><td>41.27</td><td>5.65</td><td>Average</td><td>260</td><td>257</td></tr><tr><td>3</td><td>5895.00</td><td>61.05</td><td>130.20</td><td>-69.15</td><td>55.40</td><td>5.65</td><td>Peak</td><td>260</td><td>257</td></tr><tr><td>4</td><td>5925.00</td><td>46.28</td><td>88.20</td><td>-41.92</td><td>40.67</td><td>5.61</td><td>Average</td><td>260</td><td>257</td></tr><tr><td>5</td><td>5925.00</td><td>59.87</td><td>108.20</td><td>-48.33</td><td>54.26</td><td>5.61</td><td>Peak</td><td>260</td><td>257</td></tr><tr><td>6</td><td>11690.00</td><td>46.22</td><td>54.00</td><td>-7.78</td><td>32.53</td><td>13.69</td><td>Average</td><td>302</td><td>301</td></tr><tr><td>7</td><td>11690.00</td><td>58.46</td><td>74.00</td><td>-15.54</td><td>44.77</td><td>13.69</td><td>Peak</td><td>302</td><td>301</td></tr><tr><td>8</td><td>17535.00</td><td>63.30</td><td>68.20</td><td>-4.90</td><td>44.44</td><td>18.86</td><td>Peak</td><td>100</td><td>306</td></tr></table>					Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn		MHz	level	dBuV/m	dB	reading	dB/m		High	Table									cm	deg	1	5650.00	59.13	68.20	-9.07	54.32	4.81	Peak	260	257	2	5895.00	46.92	110.20	-63.28	41.27	5.65	Average	260	257	3	5895.00	61.05	130.20	-69.15	55.40	5.65	Peak	260	257	4	5925.00	46.28	88.20	-41.92	40.67	5.61	Average	260	257	5	5925.00	59.87	108.20	-48.33	54.26	5.61	Peak	260	257	6	11690.00	46.22	54.00	-7.78	32.53	13.69	Average	302	301	7	11690.00	58.46	74.00	-15.54	44.77	13.69	Peak	302	301	8	17535.00	63.30	68.20	-4.90	44.44	18.86	Peak	100	306
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																																																																																								
	MHz	level	dBuV/m	dB	reading	dB/m		High	Table																																																																																																								
								cm	deg																																																																																																								
1	5650.00	59.13	68.20	-9.07	54.32	4.81	Peak	260	257																																																																																																								
2	5895.00	46.92	110.20	-63.28	41.27	5.65	Average	260	257																																																																																																								
3	5895.00	61.05	130.20	-69.15	55.40	5.65	Peak	260	257																																																																																																								
4	5925.00	46.28	88.20	-41.92	40.67	5.61	Average	260	257																																																																																																								
5	5925.00	59.87	108.20	-48.33	54.26	5.61	Peak	260	257																																																																																																								
6	11690.00	46.22	54.00	-7.78	32.53	13.69	Average	302	301																																																																																																								
7	11690.00	58.46	74.00	-15.54	44.77	13.69	Peak	302	301																																																																																																								
8	17535.00	63.30	68.20	-4.90	44.44	18.86	Peak	100	306																																																																																																								
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/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-OFDMA	Test Freq. (MHz)	5845																																																																																																														
Polarization	Vertical																																																																																																																
Test By :Akun Chung Temperature(°C):23 Humidity(%):66																																																																																																																	
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/m</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>5650.00</td><td>60.75</td><td>68.20</td><td>-7.45</td><td>55.94</td><td>4.81</td><td>Peak</td><td>182</td><td>307</td></tr><tr><td>2</td><td>5895.00</td><td>50.41</td><td>110.20</td><td>-59.79</td><td>44.76</td><td>5.65</td><td>Average</td><td>182</td><td>307</td></tr><tr><td>3</td><td>5895.00</td><td>67.32</td><td>130.20</td><td>-62.88</td><td>61.67</td><td>5.65</td><td>Peak</td><td>182</td><td>307</td></tr><tr><td>4</td><td>5925.00</td><td>48.45</td><td>88.20</td><td>-39.75</td><td>42.84</td><td>5.61</td><td>Average</td><td>182</td><td>307</td></tr><tr><td>5</td><td>5925.00</td><td>62.24</td><td>108.20</td><td>-45.96</td><td>56.63</td><td>5.61</td><td>Peak</td><td>182</td><td>307</td></tr><tr><td>6</td><td>11690.00</td><td>44.11</td><td>54.00</td><td>-9.89</td><td>30.42</td><td>13.69</td><td>Average</td><td>100</td><td>22</td></tr><tr><td>7</td><td>11690.00</td><td>56.36</td><td>74.00</td><td>-17.64</td><td>42.67</td><td>13.69</td><td>Peak</td><td>100</td><td>22</td></tr><tr><td>8</td><td>17535.00</td><td>61.16</td><td>68.20</td><td>-7.04</td><td>42.30</td><td>18.86</td><td>Peak</td><td>100</td><td>32</td></tr></table>					Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn		MHz	level	dBuV/m	dB	reading	dB/m		High	Table									cm	deg	1	5650.00	60.75	68.20	-7.45	55.94	4.81	Peak	182	307	2	5895.00	50.41	110.20	-59.79	44.76	5.65	Average	182	307	3	5895.00	67.32	130.20	-62.88	61.67	5.65	Peak	182	307	4	5925.00	48.45	88.20	-39.75	42.84	5.61	Average	182	307	5	5925.00	62.24	108.20	-45.96	56.63	5.61	Peak	182	307	6	11690.00	44.11	54.00	-9.89	30.42	13.69	Average	100	22	7	11690.00	56.36	74.00	-17.64	42.67	13.69	Peak	100	22	8	17535.00	61.16	68.20	-7.04	42.30	18.86	Peak	100	32
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																																																																																								
	MHz	level	dBuV/m	dB	reading	dB/m		High	Table																																																																																																								
								cm	deg																																																																																																								
1	5650.00	60.75	68.20	-7.45	55.94	4.81	Peak	182	307																																																																																																								
2	5895.00	50.41	110.20	-59.79	44.76	5.65	Average	182	307																																																																																																								
3	5895.00	67.32	130.20	-62.88	61.67	5.65	Peak	182	307																																																																																																								
4	5925.00	48.45	88.20	-39.75	42.84	5.61	Average	182	307																																																																																																								
5	5925.00	62.24	108.20	-45.96	56.63	5.61	Peak	182	307																																																																																																								
6	11690.00	44.11	54.00	-9.89	30.42	13.69	Average	100	22																																																																																																								
7	11690.00	56.36	74.00	-17.64	42.67	13.69	Peak	100	22																																																																																																								
8	17535.00	61.16	68.20	-7.04	42.30	18.86	Peak	100	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	ax HE20-OFDMA	Test Freq. (MHz)	5865																																																																																										
Polarization	Horizontal																																																																																												
Test By :Akun Chung Temperature(°C):23 Humidity(%):66																																																																																													
Level (dBuV/m)  <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/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>5650.00</td><td>58.83</td><td>68.20</td><td>-9.37</td><td>54.02</td><td>4.81</td><td>Peak</td><td>259</td><td>267</td></tr><tr><td>2</td><td>5895.00</td><td>54.21</td><td>110.20</td><td>-55.99</td><td>48.56</td><td>5.65</td><td>Average</td><td>259</td><td>267</td></tr><tr><td>3</td><td>5895.00</td><td>70.88</td><td>130.20</td><td>-59.32</td><td>65.23</td><td>5.65</td><td>Peak</td><td>259</td><td>267</td></tr><tr><td>4</td><td>5925.00</td><td>46.86</td><td>88.20</td><td>-41.34</td><td>41.25</td><td>5.61</td><td>Average</td><td>259</td><td>267</td></tr><tr><td>5</td><td>5925.00</td><td>60.72</td><td>108.20</td><td>-47.48</td><td>55.11</td><td>5.61</td><td>Peak</td><td>259</td><td>267</td></tr><tr><td>6</td><td>11730.00</td><td>46.10</td><td>54.00</td><td>-7.90</td><td>32.54</td><td>13.56</td><td>Average</td><td>305</td><td>300</td></tr><tr><td>7</td><td>11730.00</td><td>58.43</td><td>74.00</td><td>-15.57</td><td>44.87</td><td>13.56</td><td>Peak</td><td>305</td><td>300</td></tr><tr><td>8</td><td>17595.00</td><td>63.77</td><td>68.20</td><td>-4.43</td><td>44.56</td><td>19.21</td><td>Peak</td><td>100</td><td>302</td></tr></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5650.00	58.83	68.20	-9.37	54.02	4.81	Peak	259	267	2	5895.00	54.21	110.20	-55.99	48.56	5.65	Average	259	267	3	5895.00	70.88	130.20	-59.32	65.23	5.65	Peak	259	267	4	5925.00	46.86	88.20	-41.34	41.25	5.61	Average	259	267	5	5925.00	60.72	108.20	-47.48	55.11	5.61	Peak	259	267	6	11730.00	46.10	54.00	-7.90	32.54	13.56	Average	305	300	7	11730.00	58.43	74.00	-15.57	44.87	13.56	Peak	305	300	8	17595.00	63.77	68.20	-4.43	44.56	19.21	Peak	100	302
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																																				
1	5650.00	58.83	68.20	-9.37	54.02	4.81	Peak	259	267																																																																																				
2	5895.00	54.21	110.20	-55.99	48.56	5.65	Average	259	267																																																																																				
3	5895.00	70.88	130.20	-59.32	65.23	5.65	Peak	259	267																																																																																				
4	5925.00	46.86	88.20	-41.34	41.25	5.61	Average	259	267																																																																																				
5	5925.00	60.72	108.20	-47.48	55.11	5.61	Peak	259	267																																																																																				
6	11730.00	46.10	54.00	-7.90	32.54	13.56	Average	305	300																																																																																				
7	11730.00	58.43	74.00	-15.57	44.87	13.56	Peak	305	300																																																																																				
8	17595.00	63.77	68.20	-4.43	44.56	19.21	Peak	100	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).																																																																																													

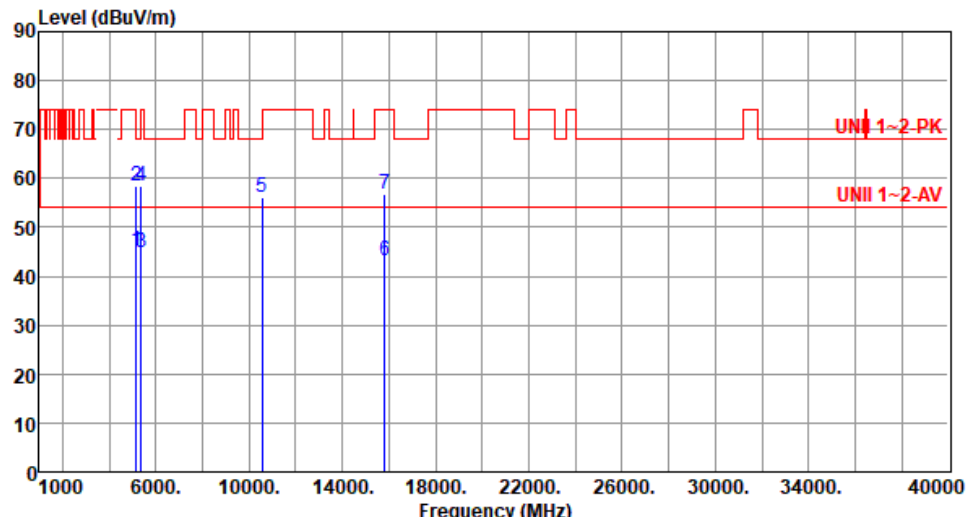
Modulation	ax HE20-OFDMA	Test Freq. (MHz)	5865																																																																																																														
Polarization	Vertical																																																																																																																
Test By :Akun Chung Temperature(°C):23 Humidity(%):66																																																																																																																	
Level (dBuV/m) <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/m</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>5650.00</td><td>59.67</td><td>68.20</td><td>-8.53</td><td>54.86</td><td>4.81</td><td>Peak</td><td>170</td><td>305</td></tr><tr><td>2</td><td>5895.00</td><td>59.99</td><td>110.20</td><td>-50.21</td><td>54.34</td><td>5.65</td><td>Average</td><td>170</td><td>305</td></tr><tr><td>3</td><td>5895.00</td><td>77.21</td><td>130.20</td><td>-52.99</td><td>71.56</td><td>5.65</td><td>Peak</td><td>170</td><td>305</td></tr><tr><td>4</td><td>5925.00</td><td>49.27</td><td>88.20</td><td>-38.93</td><td>43.66</td><td>5.61</td><td>Average</td><td>170</td><td>305</td></tr><tr><td>5</td><td>5925.00</td><td>65.25</td><td>108.20</td><td>-42.95</td><td>59.64</td><td>5.61</td><td>Peak</td><td>170</td><td>305</td></tr><tr><td>6</td><td>11730.00</td><td>45.21</td><td>54.00</td><td>-8.79</td><td>31.65</td><td>13.56</td><td>Average</td><td>100</td><td>25</td></tr><tr><td>7</td><td>11730.00</td><td>57.43</td><td>74.00</td><td>-16.57</td><td>43.87</td><td>13.56</td><td>Peak</td><td>100</td><td>25</td></tr><tr><td>8</td><td>17595.00</td><td>63.09</td><td>68.20</td><td>-5.11</td><td>43.88</td><td>19.21</td><td>Peak</td><td>100</td><td>25</td></tr></table>					Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn		MHz	level	dBuV/m	dB	reading	dB/m		High	Table									cm	deg	1	5650.00	59.67	68.20	-8.53	54.86	4.81	Peak	170	305	2	5895.00	59.99	110.20	-50.21	54.34	5.65	Average	170	305	3	5895.00	77.21	130.20	-52.99	71.56	5.65	Peak	170	305	4	5925.00	49.27	88.20	-38.93	43.66	5.61	Average	170	305	5	5925.00	65.25	108.20	-42.95	59.64	5.61	Peak	170	305	6	11730.00	45.21	54.00	-8.79	31.65	13.56	Average	100	25	7	11730.00	57.43	74.00	-16.57	43.87	13.56	Peak	100	25	8	17595.00	63.09	68.20	-5.11	43.88	19.21	Peak	100	25
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																																																																																								
	MHz	level	dBuV/m	dB	reading	dB/m		High	Table																																																																																																								
								cm	deg																																																																																																								
1	5650.00	59.67	68.20	-8.53	54.86	4.81	Peak	170	305																																																																																																								
2	5895.00	59.99	110.20	-50.21	54.34	5.65	Average	170	305																																																																																																								
3	5895.00	77.21	130.20	-52.99	71.56	5.65	Peak	170	305																																																																																																								
4	5925.00	49.27	88.20	-38.93	43.66	5.61	Average	170	305																																																																																																								
5	5925.00	65.25	108.20	-42.95	59.64	5.61	Peak	170	305																																																																																																								
6	11730.00	45.21	54.00	-8.79	31.65	13.56	Average	100	25																																																																																																								
7	11730.00	57.43	74.00	-16.57	43.87	13.56	Peak	100	25																																																																																																								
8	17595.00	63.09	68.20	-5.11	43.88	19.21	Peak	100	25																																																																																																								
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																																																																																																	

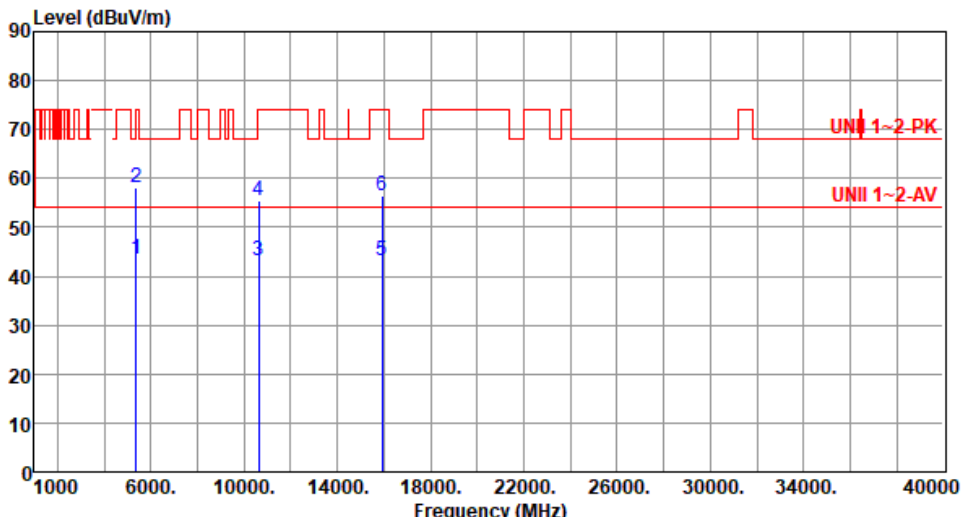
Modulation	ax HE20-OFDMA	Test Freq. (MHz)	5885																																																																																										
Polarization	Horizontal																																																																																												
Test By :Akun Chung Temperature(°C):23 Humidity(%):66																																																																																													
Level (dBuV/m)  <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/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>5650.00</td><td>58.95</td><td>68.20</td><td>-9.25</td><td>54.14</td><td>4.81</td><td>Peak</td><td>258</td><td>266</td></tr><tr><td>2</td><td>5895.00</td><td>88.88</td><td>110.20</td><td>-21.32</td><td>83.23</td><td>5.65</td><td>Average</td><td>258</td><td>266</td></tr><tr><td>3</td><td>5895.00</td><td>101.12</td><td>130.20</td><td>-29.08</td><td>95.47</td><td>5.65</td><td>Peak</td><td>258</td><td>266</td></tr><tr><td>4</td><td>5925.00</td><td>47.48</td><td>88.20</td><td>-40.72</td><td>41.87</td><td>5.61</td><td>Average</td><td>258</td><td>266</td></tr><tr><td>5</td><td>5925.00</td><td>64.04</td><td>108.20</td><td>-44.16</td><td>58.43</td><td>5.61</td><td>Peak</td><td>258</td><td>266</td></tr><tr><td>6</td><td>11770.00</td><td>45.91</td><td>54.00</td><td>-8.09</td><td>32.46</td><td>13.45</td><td>Average</td><td>298</td><td>308</td></tr><tr><td>7</td><td>11770.00</td><td>58.23</td><td>74.00</td><td>-15.77</td><td>44.78</td><td>13.45</td><td>Peak</td><td>298</td><td>308</td></tr><tr><td>8</td><td>17655.00</td><td>64.13</td><td>68.20</td><td>-4.07</td><td>44.46</td><td>19.67</td><td>Peak</td><td>100</td><td>310</td></tr></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5650.00	58.95	68.20	-9.25	54.14	4.81	Peak	258	266	2	5895.00	88.88	110.20	-21.32	83.23	5.65	Average	258	266	3	5895.00	101.12	130.20	-29.08	95.47	5.65	Peak	258	266	4	5925.00	47.48	88.20	-40.72	41.87	5.61	Average	258	266	5	5925.00	64.04	108.20	-44.16	58.43	5.61	Peak	258	266	6	11770.00	45.91	54.00	-8.09	32.46	13.45	Average	298	308	7	11770.00	58.23	74.00	-15.77	44.78	13.45	Peak	298	308	8	17655.00	64.13	68.20	-4.07	44.46	19.67	Peak	100	310
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																																				
1	5650.00	58.95	68.20	-9.25	54.14	4.81	Peak	258	266																																																																																				
2	5895.00	88.88	110.20	-21.32	83.23	5.65	Average	258	266																																																																																				
3	5895.00	101.12	130.20	-29.08	95.47	5.65	Peak	258	266																																																																																				
4	5925.00	47.48	88.20	-40.72	41.87	5.61	Average	258	266																																																																																				
5	5925.00	64.04	108.20	-44.16	58.43	5.61	Peak	258	266																																																																																				
6	11770.00	45.91	54.00	-8.09	32.46	13.45	Average	298	308																																																																																				
7	11770.00	58.23	74.00	-15.77	44.78	13.45	Peak	298	308																																																																																				
8	17655.00	64.13	68.20	-4.07	44.46	19.67	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).																																																																																													

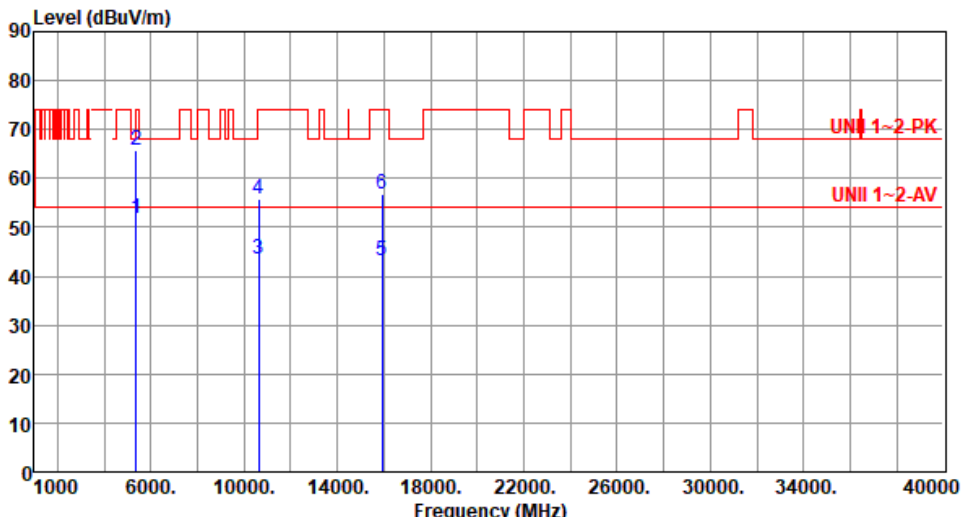
Modulation	ax HE20-OFDMA	Test Freq. (MHz)	5885																																																																																										
Polarization	Vertical																																																																																												
Test By :Akun Chung Temperature(°C):23 Humidity(%):66																																																																																													
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/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>5650.00</td><td>60.68</td><td>68.20</td><td>-7.52</td><td>55.87</td><td>4.81</td><td>Peak</td><td>166</td><td>310</td></tr><tr><td>2</td><td>5895.00</td><td>95.16</td><td>110.20</td><td>-15.04</td><td>89.51</td><td>5.65</td><td>Average</td><td>166</td><td>310</td></tr><tr><td>3</td><td>5895.00</td><td>107.21</td><td>130.20</td><td>-22.99</td><td>101.56</td><td>5.65</td><td>Peak</td><td>166</td><td>310</td></tr><tr><td>4</td><td>5925.00</td><td>53.56</td><td>88.20</td><td>-34.64</td><td>47.95</td><td>5.61</td><td>Average</td><td>166</td><td>310</td></tr><tr><td>5</td><td>5925.00</td><td>70.46</td><td>108.20</td><td>-37.74</td><td>64.85</td><td>5.61</td><td>Peak</td><td>166</td><td>310</td></tr><tr><td>6</td><td>11770.00</td><td>43.71</td><td>54.00</td><td>-10.29</td><td>30.26</td><td>13.45</td><td>Average</td><td>100</td><td>22</td></tr><tr><td>7</td><td>11770.00</td><td>56.02</td><td>74.00</td><td>-17.98</td><td>42.57</td><td>13.45</td><td>Peak</td><td>100</td><td>22</td></tr><tr><td>8</td><td>17655.00</td><td>61.99</td><td>68.20</td><td>-6.21</td><td>42.32</td><td>19.67</td><td>Peak</td><td>100</td><td>27</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/m	Remark	ANT High cm	Turn Table deg	1	5650.00	60.68	68.20	-7.52	55.87	4.81	Peak	166	310	2	5895.00	95.16	110.20	-15.04	89.51	5.65	Average	166	310	3	5895.00	107.21	130.20	-22.99	101.56	5.65	Peak	166	310	4	5925.00	53.56	88.20	-34.64	47.95	5.61	Average	166	310	5	5925.00	70.46	108.20	-37.74	64.85	5.61	Peak	166	310	6	11770.00	43.71	54.00	-10.29	30.26	13.45	Average	100	22	7	11770.00	56.02	74.00	-17.98	42.57	13.45	Peak	100	22	8	17655.00	61.99	68.20	-6.21	42.32	19.67	Peak	100	27
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																																				
1	5650.00	60.68	68.20	-7.52	55.87	4.81	Peak	166	310																																																																																				
2	5895.00	95.16	110.20	-15.04	89.51	5.65	Average	166	310																																																																																				
3	5895.00	107.21	130.20	-22.99	101.56	5.65	Peak	166	310																																																																																				
4	5925.00	53.56	88.20	-34.64	47.95	5.61	Average	166	310																																																																																				
5	5925.00	70.46	108.20	-37.74	64.85	5.61	Peak	166	310																																																																																				
6	11770.00	43.71	54.00	-10.29	30.26	13.45	Average	100	22																																																																																				
7	11770.00	56.02	74.00	-17.98	42.57	13.45	Peak	100	22																																																																																				
8	17655.00	61.99	68.20	-6.21	42.32	19.67	Peak	100	27																																																																																				

3.5.12 Transmitter Radiated Unwanted Emissions (Above 1GHz) for ax HE40-OFDMA

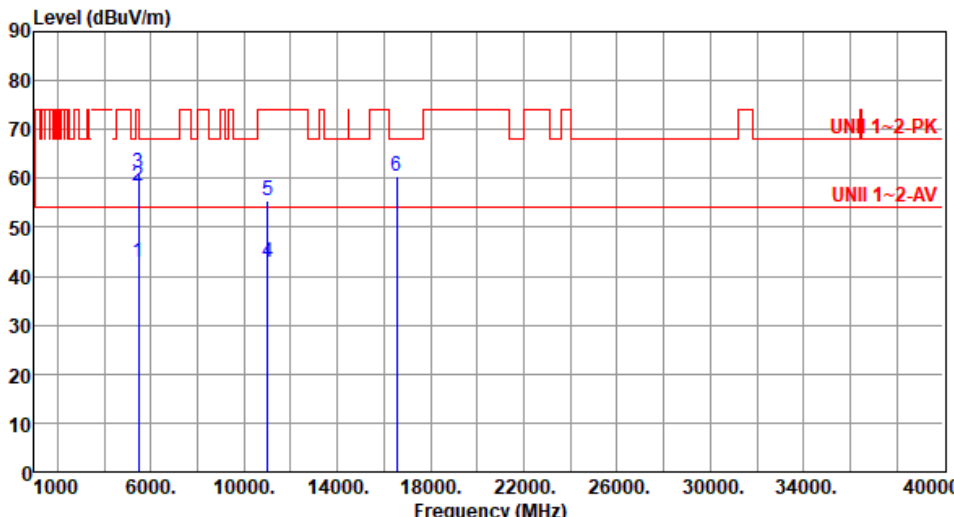
Modulation	ax HE40-OFDMA	Test Freq. (MHz)	5270
Polarization	Horizontal		
Test By :Brad Wu Temperature(°C):22 Humidity(%):65			
Level (dBuV/m)			

Modulation	ax HE40-OFDMA	Test Freq. (MHz)	5270																																																																																
Polarization	Vertical																																																																																		
Test By :Brad Wu Temperature(°C):22 Humidity(%):65																																																																																			
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/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>5150.00</td><td>45.04</td><td>54.00</td><td>-8.96</td><td>40.03</td><td>5.01</td><td>Average</td><td>182</td><td>256</td></tr><tr><td>2</td><td>5150.00</td><td>58.38</td><td>74.00</td><td>-15.62</td><td>53.37</td><td>5.01</td><td>Peak</td><td>182</td><td>256</td></tr><tr><td>3</td><td>5350.00</td><td>44.71</td><td>54.00</td><td>-9.29</td><td>40.29</td><td>4.42</td><td>Average</td><td>182</td><td>256</td></tr><tr><td>4</td><td>5350.00</td><td>58.31</td><td>74.00</td><td>-15.69</td><td>53.89</td><td>4.42</td><td>Peak</td><td>182</td><td>256</td></tr><tr><td>5</td><td>10540.00</td><td>55.96</td><td>68.20</td><td>-12.24</td><td>41.52</td><td>14.44</td><td>Peak</td><td>100</td><td>51</td></tr><tr><td>6</td><td>15810.00</td><td>43.29</td><td>54.00</td><td>-10.71</td><td>29.79</td><td>13.50</td><td>Average</td><td>100</td><td>44</td></tr><tr><td>7</td><td>15810.00</td><td>56.84</td><td>74.00</td><td>-17.16</td><td>43.34</td><td>13.50</td><td>Peak</td><td>100</td><td>44</td></tr></tbody></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5150.00	45.04	54.00	-8.96	40.03	5.01	Average	182	256	2	5150.00	58.38	74.00	-15.62	53.37	5.01	Peak	182	256	3	5350.00	44.71	54.00	-9.29	40.29	4.42	Average	182	256	4	5350.00	58.31	74.00	-15.69	53.89	4.42	Peak	182	256	5	10540.00	55.96	68.20	-12.24	41.52	14.44	Peak	100	51	6	15810.00	43.29	54.00	-10.71	29.79	13.50	Average	100	44	7	15810.00	56.84	74.00	-17.16	43.34	13.50	Peak	100	44
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																										
1	5150.00	45.04	54.00	-8.96	40.03	5.01	Average	182	256																																																																										
2	5150.00	58.38	74.00	-15.62	53.37	5.01	Peak	182	256																																																																										
3	5350.00	44.71	54.00	-9.29	40.29	4.42	Average	182	256																																																																										
4	5350.00	58.31	74.00	-15.69	53.89	4.42	Peak	182	256																																																																										
5	10540.00	55.96	68.20	-12.24	41.52	14.44	Peak	100	51																																																																										
6	15810.00	43.29	54.00	-10.71	29.79	13.50	Average	100	44																																																																										
7	15810.00	56.84	74.00	-17.16	43.34	13.50	Peak	100	44																																																																										
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																																																																			

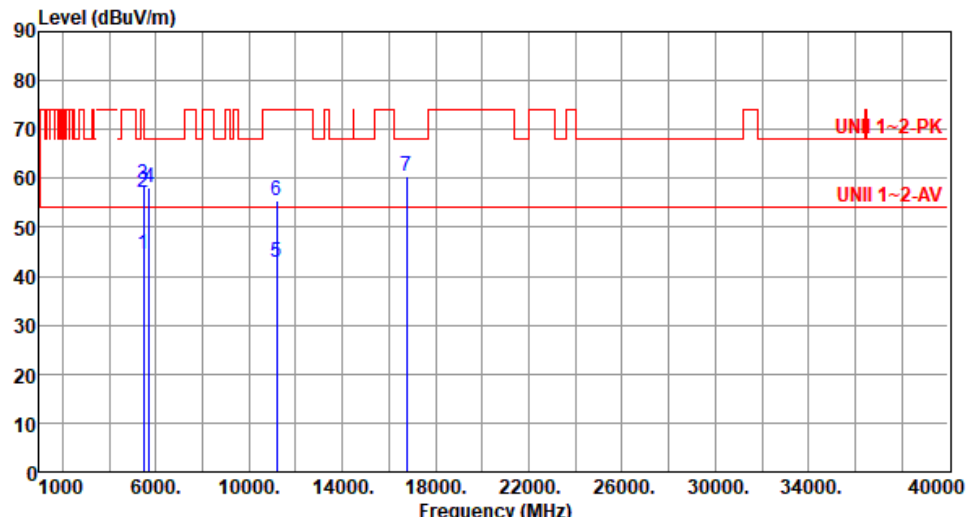
Modulation	ax HE40-OFDMA	Test Freq. (MHz)	5310																																																																						
Polarization	Horizontal																																																																								
Test By :Brad Wu Temperature(°C):22 Humidity(%):65																																																																									
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/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>5350.00</td><td>43.54</td><td>54.00</td><td>-10.46</td><td>39.12</td><td>4.42</td><td>Average</td><td>105</td><td>22</td></tr><tr><td>2</td><td>5350.00</td><td>58.17</td><td>74.00</td><td>-15.83</td><td>53.75</td><td>4.42</td><td>Peak</td><td>105</td><td>22</td></tr><tr><td>3</td><td>10620.00</td><td>43.04</td><td>54.00</td><td>-10.96</td><td>28.68</td><td>14.36</td><td>Average</td><td>100</td><td>21</td></tr><tr><td>4</td><td>10620.00</td><td>55.48</td><td>74.00</td><td>-18.52</td><td>41.12</td><td>14.36</td><td>Peak</td><td>100</td><td>21</td></tr><tr><td>5</td><td>15930.00</td><td>43.25</td><td>54.00</td><td>-10.75</td><td>29.62</td><td>13.63</td><td>Average</td><td>100</td><td>34</td></tr><tr><td>6</td><td>15930.00</td><td>56.51</td><td>74.00</td><td>-17.49</td><td>42.88</td><td>13.63</td><td>Peak</td><td>100</td><td>34</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/m	Remark	ANT High cm	Turn Table deg	1	5350.00	43.54	54.00	-10.46	39.12	4.42	Average	105	22	2	5350.00	58.17	74.00	-15.83	53.75	4.42	Peak	105	22	3	10620.00	43.04	54.00	-10.96	28.68	14.36	Average	100	21	4	10620.00	55.48	74.00	-18.52	41.12	14.36	Peak	100	21	5	15930.00	43.25	54.00	-10.75	29.62	13.63	Average	100	34	6	15930.00	56.51	74.00	-17.49	42.88	13.63	Peak	100	34
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																
1	5350.00	43.54	54.00	-10.46	39.12	4.42	Average	105	22																																																																
2	5350.00	58.17	74.00	-15.83	53.75	4.42	Peak	105	22																																																																
3	10620.00	43.04	54.00	-10.96	28.68	14.36	Average	100	21																																																																
4	10620.00	55.48	74.00	-18.52	41.12	14.36	Peak	100	21																																																																
5	15930.00	43.25	54.00	-10.75	29.62	13.63	Average	100	34																																																																
6	15930.00	56.51	74.00	-17.49	42.88	13.63	Peak	100	34																																																																

Modulation	ax HE40-OFDMA	Test Freq. (MHz)	5310						
Polarization	Vertical								
Test By :Brad Wu Temperature(°C):22 Humidity(%):65									
Level (dBUV/m)  Frequency (MHz)									
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5350.00	51.71	54.00	-2.29	47.29	4.42	Average	191	254
2	5350.00	65.73	74.00	-8.27	61.31	4.42	Peak	191	254
3	10620.00	43.54	54.00	-10.46	29.18	14.36	Average	100	26
4	10620.00	55.89	74.00	-18.11	41.53	14.36	Peak	100	26
5	15930.00	43.26	54.00	-10.74	29.63	13.63	Average	100	55
6	15930.00	56.71	74.00	-17.29	43.08	13.63	Peak	100	55

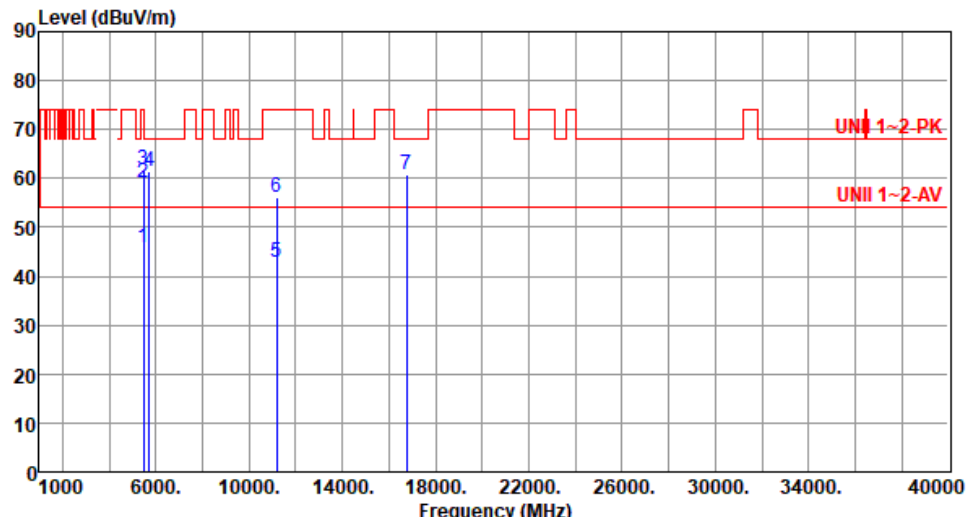
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

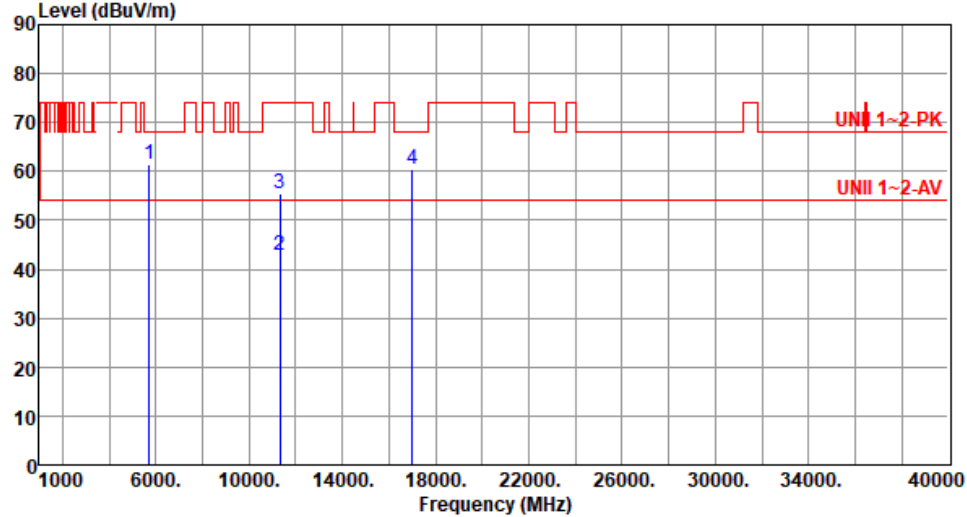
Modulation	ax HE40-OFDMA	Test Freq. (MHz)	5510																																																																						
Polarization	Horizontal																																																																								
Test By :Brad Wu Temperature(°C):22 Humidity(%):65																																																																									
 <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/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>5460.00</td><td>42.93</td><td>54.00</td><td>-11.07</td><td>38.26</td><td>4.67</td><td>Average</td><td>181</td><td>86</td></tr><tr><td>2</td><td>5460.00</td><td>58.37</td><td>74.00</td><td>-15.63</td><td>53.70</td><td>4.67</td><td>Peak</td><td>181</td><td>86</td></tr><tr><td>3</td><td>5470.00</td><td>61.04</td><td>68.20</td><td>-7.16</td><td>56.34</td><td>4.70</td><td>Peak</td><td>181</td><td>86</td></tr><tr><td>4</td><td>11020.00</td><td>42.68</td><td>54.00</td><td>-11.32</td><td>28.12</td><td>14.56</td><td>Average</td><td>105</td><td>29</td></tr><tr><td>5</td><td>11020.00</td><td>55.32</td><td>74.00</td><td>-18.68</td><td>40.76</td><td>14.56</td><td>Peak</td><td>105</td><td>29</td></tr><tr><td>6</td><td>16530.00</td><td>60.44</td><td>68.20</td><td>-7.76</td><td>44.20</td><td>16.24</td><td>Peak</td><td>100</td><td>46</td></tr></table>					Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5460.00	42.93	54.00	-11.07	38.26	4.67	Average	181	86	2	5460.00	58.37	74.00	-15.63	53.70	4.67	Peak	181	86	3	5470.00	61.04	68.20	-7.16	56.34	4.70	Peak	181	86	4	11020.00	42.68	54.00	-11.32	28.12	14.56	Average	105	29	5	11020.00	55.32	74.00	-18.68	40.76	14.56	Peak	105	29	6	16530.00	60.44	68.20	-7.76	44.20	16.24	Peak	100	46
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																
1	5460.00	42.93	54.00	-11.07	38.26	4.67	Average	181	86																																																																
2	5460.00	58.37	74.00	-15.63	53.70	4.67	Peak	181	86																																																																
3	5470.00	61.04	68.20	-7.16	56.34	4.70	Peak	181	86																																																																
4	11020.00	42.68	54.00	-11.32	28.12	14.56	Average	105	29																																																																
5	11020.00	55.32	74.00	-18.68	40.76	14.56	Peak	105	29																																																																
6	16530.00	60.44	68.20	-7.76	44.20	16.24	Peak	100	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).																																																																									

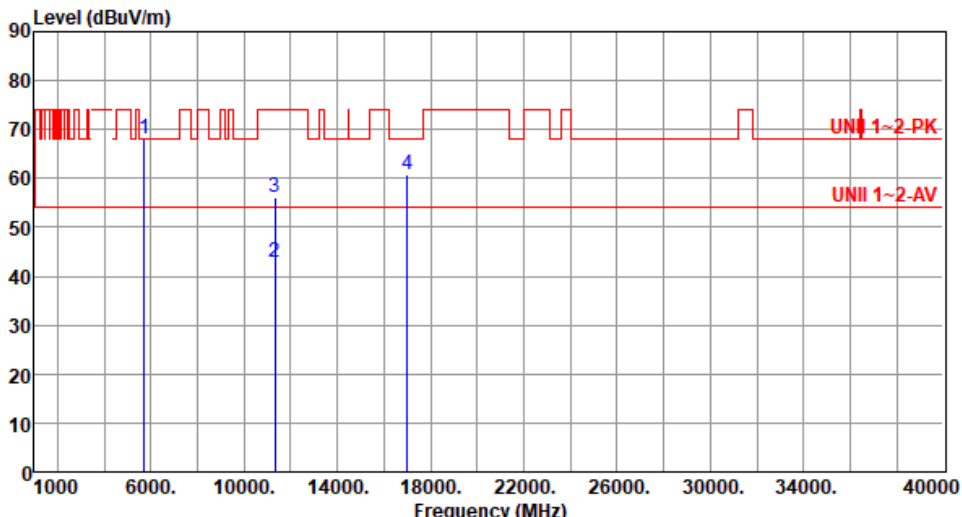
Modulation	ax HE40-OFDMA	Test Freq. (MHz)	5510
Polarization	Vertical		
Test By :Brad Wu Temperature(°C):22 Humidity(%):65			
Level (dBUV/m) <			

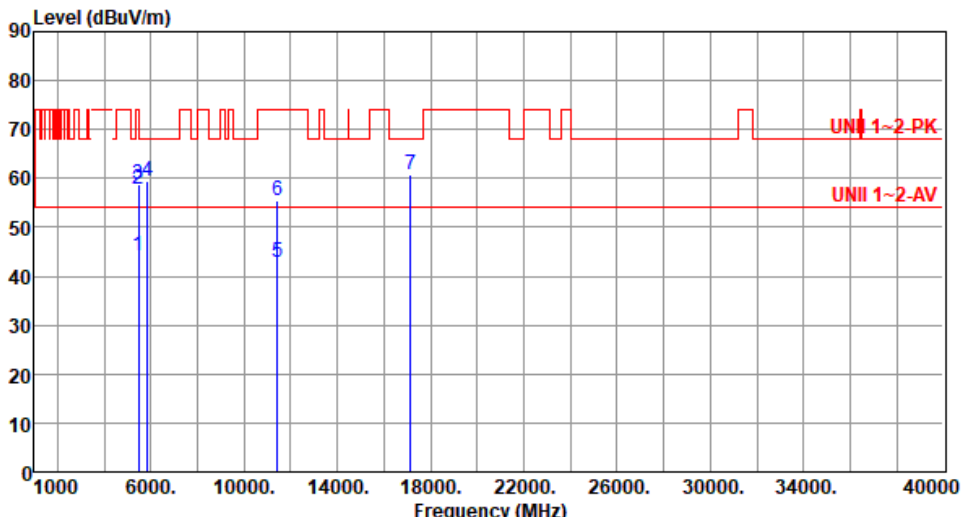
Modulation	ax HE40-OFDMA	Test Freq. (MHz)	5590						
Polarization	Horizontal								
Test By :Brad Wu Temperature(°C):22 Humidity(%):65									
Level (dBuV/m)  Frequency (MHz)									
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	44.52	54.00	-9.48	39.85	4.67	Average	188	94
2	5460.00	56.96	74.00	-17.04	52.29	4.67	Peak	188	94
3	5470.00	58.68	68.20	-9.52	53.98	4.70	Peak	188	94
4	5725.00	58.06	68.20	-10.14	52.89	5.17	Peak	188	94
5	11180.00	42.75	54.00	-11.25	28.87	13.88	Average	100	28
6	11180.00	55.36	74.00	-18.64	41.48	13.88	Peak	100	28
7	16770.00	60.55	68.20	-7.65	43.20	17.35	Peak	100	24

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

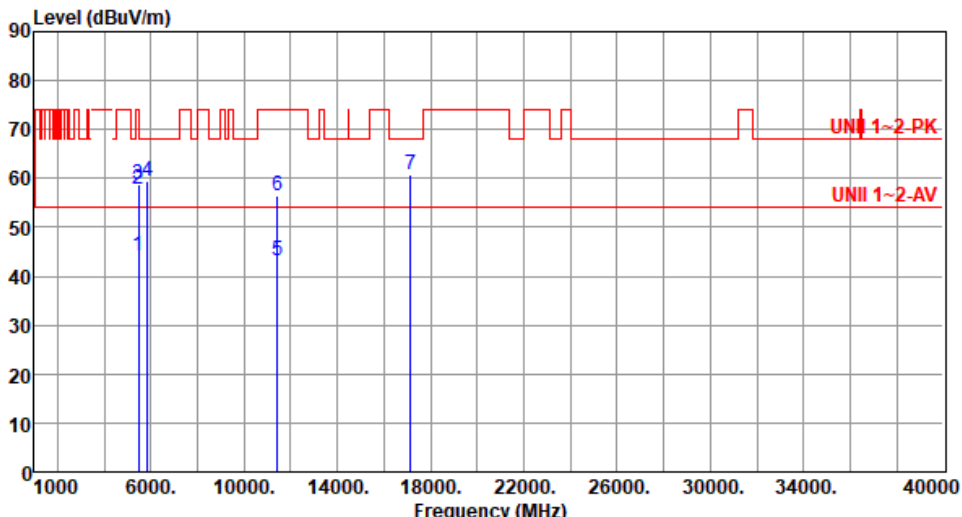
Modulation	ax HE40-OFDMA	Test Freq. (MHz)	5590																																																																																
Polarization	Vertical																																																																																		
Test By :Brad Wu Temperature(°C):22 Humidity(%):65																																																																																			
Level (dBuV/m)  <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/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>5460.00</td><td>45.74</td><td>54.00</td><td>-8.26</td><td>41.07</td><td>4.67</td><td>Average</td><td>163</td><td>302</td></tr><tr><td>2</td><td>5460.00</td><td>59.07</td><td>74.00</td><td>-14.93</td><td>54.40</td><td>4.67</td><td>Peak</td><td>163</td><td>302</td></tr><tr><td>3</td><td>5470.00</td><td>61.81</td><td>68.20</td><td>-6.39</td><td>57.11</td><td>4.70</td><td>Peak</td><td>163</td><td>302</td></tr><tr><td>4</td><td>5725.00</td><td>61.35</td><td>68.20</td><td>-6.85</td><td>56.18</td><td>5.17</td><td>Peak</td><td>163</td><td>302</td></tr><tr><td>5</td><td>11180.00</td><td>42.96</td><td>54.00</td><td>-11.04</td><td>29.08</td><td>13.88</td><td>Average</td><td>100</td><td>33</td></tr><tr><td>6</td><td>11180.00</td><td>56.13</td><td>74.00</td><td>-17.87</td><td>42.25</td><td>13.88</td><td>Peak</td><td>100</td><td>33</td></tr><tr><td>7</td><td>16770.00</td><td>60.82</td><td>68.20</td><td>-7.38</td><td>43.47</td><td>17.35</td><td>Peak</td><td>100</td><td>45</td></tr></tbody></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5460.00	45.74	54.00	-8.26	41.07	4.67	Average	163	302	2	5460.00	59.07	74.00	-14.93	54.40	4.67	Peak	163	302	3	5470.00	61.81	68.20	-6.39	57.11	4.70	Peak	163	302	4	5725.00	61.35	68.20	-6.85	56.18	5.17	Peak	163	302	5	11180.00	42.96	54.00	-11.04	29.08	13.88	Average	100	33	6	11180.00	56.13	74.00	-17.87	42.25	13.88	Peak	100	33	7	16770.00	60.82	68.20	-7.38	43.47	17.35	Peak	100	45
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																										
1	5460.00	45.74	54.00	-8.26	41.07	4.67	Average	163	302																																																																										
2	5460.00	59.07	74.00	-14.93	54.40	4.67	Peak	163	302																																																																										
3	5470.00	61.81	68.20	-6.39	57.11	4.70	Peak	163	302																																																																										
4	5725.00	61.35	68.20	-6.85	56.18	5.17	Peak	163	302																																																																										
5	11180.00	42.96	54.00	-11.04	29.08	13.88	Average	100	33																																																																										
6	11180.00	56.13	74.00	-17.87	42.25	13.88	Peak	100	33																																																																										
7	16770.00	60.82	68.20	-7.38	43.47	17.35	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-OFDMA	Test Freq. (MHz)	5670																																																		
Polarization	Horizontal																																																				
Test By :Brad Wu Temperature(°C):22 Humidity(%):65																																																					
Level (dBuV/m)  Frequency (MHz) <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/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>5725.00</td><td>61.35</td><td>68.20</td><td>-6.85</td><td>56.18</td><td>5.17</td><td>Peak</td><td>184</td><td>85</td></tr><tr><td>2</td><td>11340.00</td><td>42.84</td><td>54.00</td><td>-11.16</td><td>28.86</td><td>13.98</td><td>Average</td><td>100</td><td>25</td></tr><tr><td>3</td><td>11340.00</td><td>55.46</td><td>74.00</td><td>-18.54</td><td>41.48</td><td>13.98</td><td>Peak</td><td>100</td><td>25</td></tr><tr><td>4</td><td>17010.00</td><td>60.51</td><td>68.20</td><td>-7.69</td><td>43.26</td><td>17.25</td><td>Peak</td><td>100</td><td>36</td></tr></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5725.00	61.35	68.20	-6.85	56.18	5.17	Peak	184	85	2	11340.00	42.84	54.00	-11.16	28.86	13.98	Average	100	25	3	11340.00	55.46	74.00	-18.54	41.48	13.98	Peak	100	25	4	17010.00	60.51	68.20	-7.69	43.26	17.25	Peak	100	36
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																												
1	5725.00	61.35	68.20	-6.85	56.18	5.17	Peak	184	85																																												
2	11340.00	42.84	54.00	-11.16	28.86	13.98	Average	100	25																																												
3	11340.00	55.46	74.00	-18.54	41.48	13.98	Peak	100	25																																												
4	17010.00	60.51	68.20	-7.69	43.26	17.25	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).																																																					

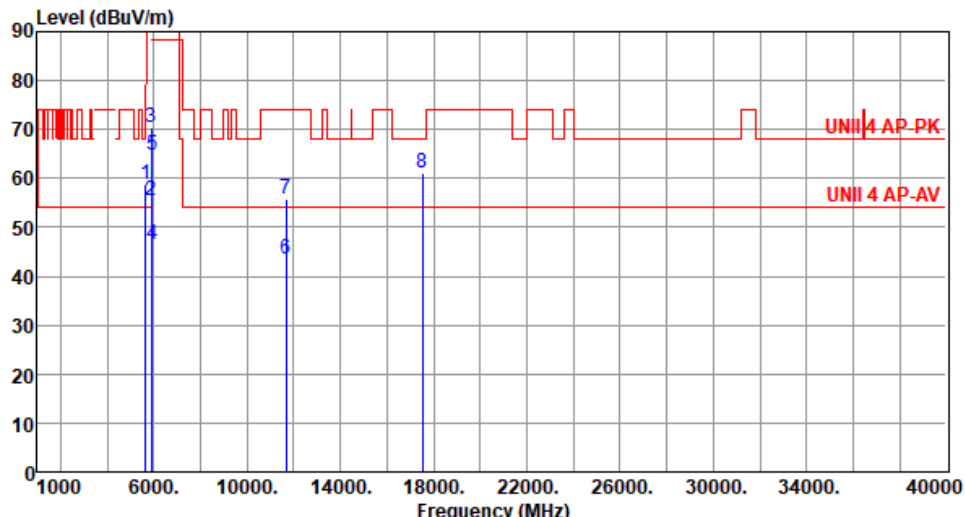
Modulation	ax HE40-OFDMA	Test Freq. (MHz)	5670																																																																						
Polarization	Vertical																																																																								
Test By :Brad Wu Temperature(°C):22 Humidity(%):65																																																																									
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></th><th></th><th>reading</th><th></th><th></th><th>High</th><th>Table</th></tr><tr><th></th><th></th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th></th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5725.00</td><td>68.02</td><td>68.20</td><td>-0.18</td><td>62.85</td><td>5.17</td><td>Peak</td><td>168</td><td>304</td></tr><tr><td>2</td><td>11340.00</td><td>42.83</td><td>54.00</td><td>-11.17</td><td>28.85</td><td>13.98</td><td>Average</td><td>100</td><td>18</td></tr><tr><td>3</td><td>11340.00</td><td>55.96</td><td>74.00</td><td>-18.04</td><td>41.98</td><td>13.98</td><td>Peak</td><td>100</td><td>18</td></tr><tr><td>4</td><td>17010.00</td><td>60.74</td><td>68.20</td><td>-7.46</td><td>43.49</td><td>17.25</td><td>Peak</td><td>100</td><td>14</td></tr></table>					Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn		MHz	level			reading			High	Table			dBuV/m	dBuV/m	dB	dBuV	dB/m		cm	deg	1	5725.00	68.02	68.20	-0.18	62.85	5.17	Peak	168	304	2	11340.00	42.83	54.00	-11.17	28.85	13.98	Average	100	18	3	11340.00	55.96	74.00	-18.04	41.98	13.98	Peak	100	18	4	17010.00	60.74	68.20	-7.46	43.49	17.25	Peak	100	14
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																																																
	MHz	level			reading			High	Table																																																																
		dBuV/m	dBuV/m	dB	dBuV	dB/m		cm	deg																																																																
1	5725.00	68.02	68.20	-0.18	62.85	5.17	Peak	168	304																																																																
2	11340.00	42.83	54.00	-11.17	28.85	13.98	Average	100	18																																																																
3	11340.00	55.96	74.00	-18.04	41.98	13.98	Peak	100	18																																																																
4	17010.00	60.74	68.20	-7.46	43.49	17.25	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).																																																																									

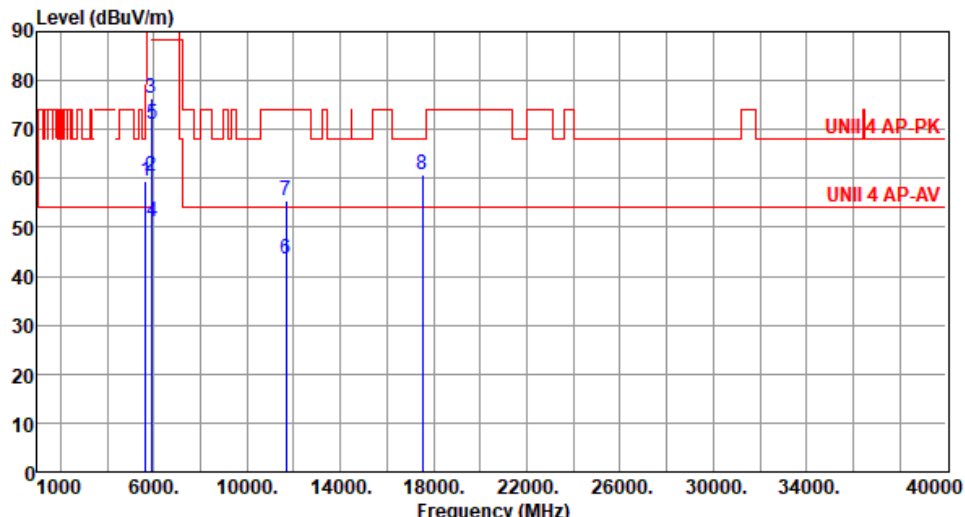
Modulation	ax HE40-OFDMA	Test Freq. (MHz)	5710						
Polarization	Horizontal								
Test By :Brad Wu Temperature(°C):22 Humidity(%):65									
Level (dBuV/m)  Frequency (MHz)									
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	44.13	54.00	-9.87	39.46	4.67	Average	179	84
2	5460.00	57.86	74.00	-16.14	53.19	4.67	Peak	179	84
3	5470.00	58.66	68.20	-9.54	53.96	4.70	Peak	179	84
4	5850.00	59.41	68.20	-8.79	53.76	5.65	Peak	179	84
5	11420.00	42.86	54.00	-11.14	28.66	14.20	Average	100	36
6	11420.00	55.59	74.00	-18.41	41.39	14.20	Peak	100	36
7	17130.00	60.77	68.20	-7.43	43.34	17.43	Peak	100	20

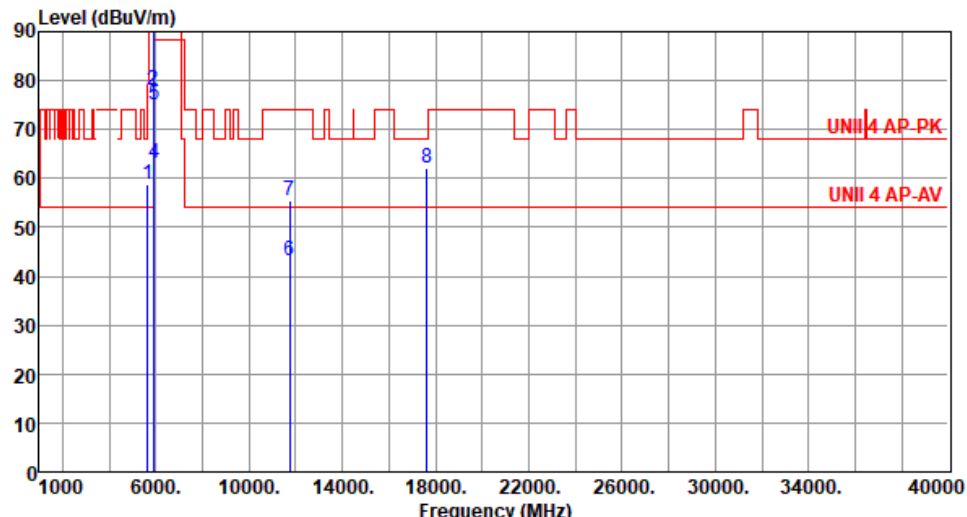
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE40-OFDMA	Test Freq. (MHz)	5710						
Polarization	Vertical								
Test By :Brad Wu Temperature(°C):22 Humidity(%):65									
Level (dBuV/m)  Frequency (MHz)									
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	44.24	54.00	-9.76	39.57	4.67	Average	186	269
2	5460.00	57.92	74.00	-16.08	53.25	4.67	Peak	186	269
3	5470.00	58.81	68.20	-9.39	54.11	4.70	Peak	186	269
4	5850.00	59.56	68.20	-8.64	53.91	5.65	Peak	186	269
5	11420.00	43.22	54.00	-10.78	29.02	14.20	Average	100	47
6	11420.00	56.35	74.00	-17.65	42.15	14.20	Peak	100	47
7	17130.00	60.88	68.20	-7.32	43.45	17.43	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).

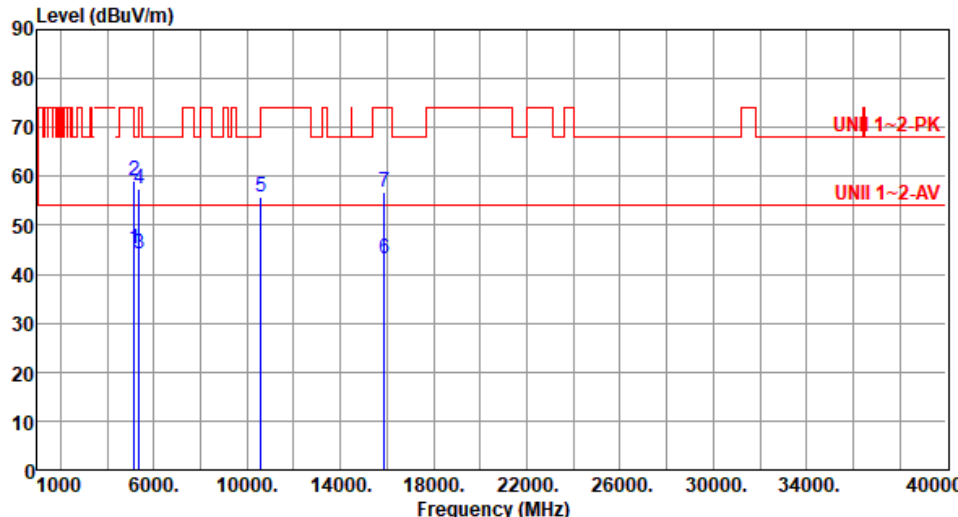
Modulation	ax HE40-OFDMA	Test Freq. (MHz)	5835																																																																																										
Polarization	Horizontal																																																																																												
Test By :Akun Chung Temperature(°C):23 Humidity(%):66																																																																																													
Level (dBuV/m)  <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/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>5650.00</td><td>58.69</td><td>68.20</td><td>-9.51</td><td>53.88</td><td>4.81</td><td>Peak</td><td>260</td><td>264</td></tr><tr><td>2</td><td>5895.00</td><td>55.34</td><td>110.20</td><td>-54.86</td><td>49.69</td><td>5.65</td><td>Average</td><td>260</td><td>264</td></tr><tr><td>3</td><td>5895.00</td><td>70.32</td><td>130.20</td><td>-59.88</td><td>64.67</td><td>5.65</td><td>Peak</td><td>260</td><td>264</td></tr><tr><td>4</td><td>5925.00</td><td>46.47</td><td>88.20</td><td>-41.73</td><td>40.86</td><td>5.61</td><td>Average</td><td>260</td><td>264</td></tr><tr><td>5</td><td>5925.00</td><td>64.90</td><td>108.20</td><td>-43.30</td><td>59.29</td><td>5.61</td><td>Peak</td><td>260</td><td>264</td></tr><tr><td>6</td><td>11670.00</td><td>43.65</td><td>54.00</td><td>-10.35</td><td>29.86</td><td>13.79</td><td>Average</td><td>100</td><td>295</td></tr><tr><td>7</td><td>11670.00</td><td>55.73</td><td>74.00</td><td>-18.27</td><td>41.94</td><td>13.79</td><td>Peak</td><td>100</td><td>295</td></tr><tr><td>8</td><td>17505.00</td><td>61.10</td><td>68.20</td><td>-7.10</td><td>42.43</td><td>18.67</td><td>Peak</td><td>100</td><td>320</td></tr></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5650.00	58.69	68.20	-9.51	53.88	4.81	Peak	260	264	2	5895.00	55.34	110.20	-54.86	49.69	5.65	Average	260	264	3	5895.00	70.32	130.20	-59.88	64.67	5.65	Peak	260	264	4	5925.00	46.47	88.20	-41.73	40.86	5.61	Average	260	264	5	5925.00	64.90	108.20	-43.30	59.29	5.61	Peak	260	264	6	11670.00	43.65	54.00	-10.35	29.86	13.79	Average	100	295	7	11670.00	55.73	74.00	-18.27	41.94	13.79	Peak	100	295	8	17505.00	61.10	68.20	-7.10	42.43	18.67	Peak	100	320
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																																				
1	5650.00	58.69	68.20	-9.51	53.88	4.81	Peak	260	264																																																																																				
2	5895.00	55.34	110.20	-54.86	49.69	5.65	Average	260	264																																																																																				
3	5895.00	70.32	130.20	-59.88	64.67	5.65	Peak	260	264																																																																																				
4	5925.00	46.47	88.20	-41.73	40.86	5.61	Average	260	264																																																																																				
5	5925.00	64.90	108.20	-43.30	59.29	5.61	Peak	260	264																																																																																				
6	11670.00	43.65	54.00	-10.35	29.86	13.79	Average	100	295																																																																																				
7	11670.00	55.73	74.00	-18.27	41.94	13.79	Peak	100	295																																																																																				
8	17505.00	61.10	68.20	-7.10	42.43	18.67	Peak	100	320																																																																																				
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/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-OFDMA	Test Freq. (MHz)	5835																																																																																										
Polarization	Vertical																																																																																												
Test By :Akun Chung Temperature(°C):23 Humidity(%):66																																																																																													
Level (dBuV/m)  <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/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>5650.00</td><td>59.46</td><td>68.20</td><td>-8.74</td><td>54.65</td><td>4.81</td><td>Peak</td><td>188</td><td>306</td></tr><tr><td>2</td><td>5895.00</td><td>60.50</td><td>110.20</td><td>-49.70</td><td>54.85</td><td>5.65</td><td>Average</td><td>188</td><td>306</td></tr><tr><td>3</td><td>5895.00</td><td>76.51</td><td>130.20</td><td>-53.69</td><td>70.86</td><td>5.65</td><td>Peak</td><td>188</td><td>306</td></tr><tr><td>4</td><td>5925.00</td><td>51.13</td><td>88.20</td><td>-37.07</td><td>45.52</td><td>5.61</td><td>Average</td><td>188</td><td>306</td></tr><tr><td>5</td><td>5925.00</td><td>71.16</td><td>108.20</td><td>-37.04</td><td>65.55</td><td>5.61</td><td>Peak</td><td>188</td><td>306</td></tr><tr><td>6</td><td>11670.00</td><td>43.37</td><td>54.00</td><td>-10.63</td><td>29.58</td><td>13.79</td><td>Average</td><td>100</td><td>60</td></tr><tr><td>7</td><td>11670.00</td><td>55.46</td><td>74.00</td><td>-18.54</td><td>41.67</td><td>13.79</td><td>Peak</td><td>100</td><td>60</td></tr><tr><td>8</td><td>17505.00</td><td>60.93</td><td>68.20</td><td>-7.27</td><td>42.26</td><td>18.67</td><td>Peak</td><td>100</td><td>80</td></tr></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5650.00	59.46	68.20	-8.74	54.65	4.81	Peak	188	306	2	5895.00	60.50	110.20	-49.70	54.85	5.65	Average	188	306	3	5895.00	76.51	130.20	-53.69	70.86	5.65	Peak	188	306	4	5925.00	51.13	88.20	-37.07	45.52	5.61	Average	188	306	5	5925.00	71.16	108.20	-37.04	65.55	5.61	Peak	188	306	6	11670.00	43.37	54.00	-10.63	29.58	13.79	Average	100	60	7	11670.00	55.46	74.00	-18.54	41.67	13.79	Peak	100	60	8	17505.00	60.93	68.20	-7.27	42.26	18.67	Peak	100	80
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																																				
1	5650.00	59.46	68.20	-8.74	54.65	4.81	Peak	188	306																																																																																				
2	5895.00	60.50	110.20	-49.70	54.85	5.65	Average	188	306																																																																																				
3	5895.00	76.51	130.20	-53.69	70.86	5.65	Peak	188	306																																																																																				
4	5925.00	51.13	88.20	-37.07	45.52	5.61	Average	188	306																																																																																				
5	5925.00	71.16	108.20	-37.04	65.55	5.61	Peak	188	306																																																																																				
6	11670.00	43.37	54.00	-10.63	29.58	13.79	Average	100	60																																																																																				
7	11670.00	55.46	74.00	-18.54	41.67	13.79	Peak	100	60																																																																																				
8	17505.00	60.93	68.20	-7.27	42.26	18.67	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).																																																																																													

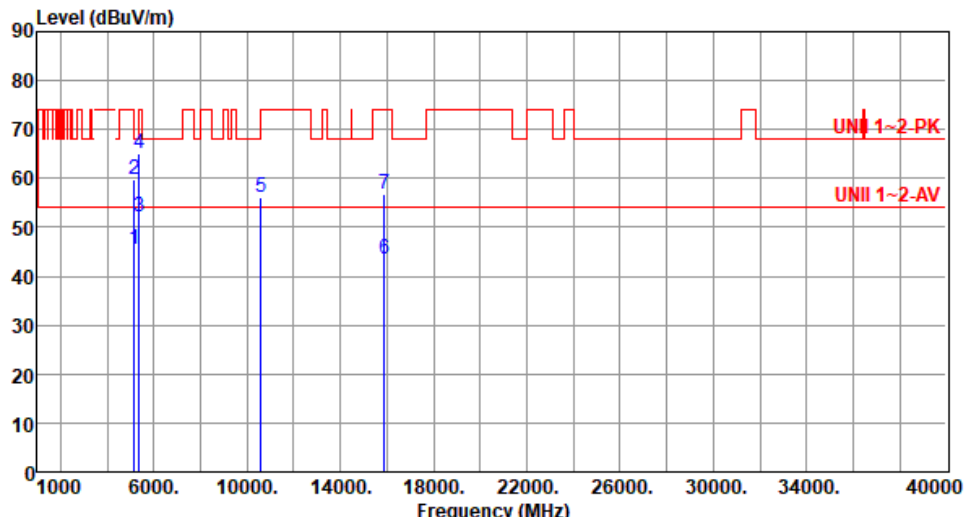
Modulation	ax HE40-OFDMA	Test Freq. (MHz)	5875																																																																																																														
Polarization	Horizontal																																																																																																																
Test By :Akun Chung Temperature(°C):23 Humidity(%):66																																																																																																																	
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/m</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>5650.00</td><td>58.67</td><td>68.20</td><td>-9.53</td><td>53.86</td><td>4.81</td><td>Peak</td><td>257</td><td>263</td></tr><tr><td>2</td><td>5895.00</td><td>78.12</td><td>110.20</td><td>-32.08</td><td>72.47</td><td>5.65</td><td>Average</td><td>257</td><td>263</td></tr><tr><td>3</td><td>5895.00</td><td>92.08</td><td>130.20</td><td>-38.12</td><td>86.43</td><td>5.65</td><td>Peak</td><td>257</td><td>263</td></tr><tr><td>4</td><td>5925.00</td><td>63.04</td><td>88.20</td><td>-25.16</td><td>57.43</td><td>5.61</td><td>Average</td><td>257</td><td>263</td></tr><tr><td>5</td><td>5925.00</td><td>75.18</td><td>108.20</td><td>-33.02</td><td>69.57</td><td>5.61</td><td>Peak</td><td>257</td><td>263</td></tr><tr><td>6</td><td>11750.00</td><td>43.17</td><td>54.00</td><td>-10.83</td><td>29.67</td><td>13.50</td><td>Average</td><td>100</td><td>300</td></tr><tr><td>7</td><td>11750.00</td><td>55.61</td><td>74.00</td><td>-18.39</td><td>42.11</td><td>13.50</td><td>Peak</td><td>100</td><td>300</td></tr><tr><td>8</td><td>17625.00</td><td>62.00</td><td>68.20</td><td>-6.20</td><td>42.56</td><td>19.44</td><td>Peak</td><td>100</td><td>319</td></tr></table>					Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn		MHz	level	dBuV/m	dB	reading	dB/m		High	Table									cm	deg	1	5650.00	58.67	68.20	-9.53	53.86	4.81	Peak	257	263	2	5895.00	78.12	110.20	-32.08	72.47	5.65	Average	257	263	3	5895.00	92.08	130.20	-38.12	86.43	5.65	Peak	257	263	4	5925.00	63.04	88.20	-25.16	57.43	5.61	Average	257	263	5	5925.00	75.18	108.20	-33.02	69.57	5.61	Peak	257	263	6	11750.00	43.17	54.00	-10.83	29.67	13.50	Average	100	300	7	11750.00	55.61	74.00	-18.39	42.11	13.50	Peak	100	300	8	17625.00	62.00	68.20	-6.20	42.56	19.44	Peak	100	319
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																																																																																								
	MHz	level	dBuV/m	dB	reading	dB/m		High	Table																																																																																																								
								cm	deg																																																																																																								
1	5650.00	58.67	68.20	-9.53	53.86	4.81	Peak	257	263																																																																																																								
2	5895.00	78.12	110.20	-32.08	72.47	5.65	Average	257	263																																																																																																								
3	5895.00	92.08	130.20	-38.12	86.43	5.65	Peak	257	263																																																																																																								
4	5925.00	63.04	88.20	-25.16	57.43	5.61	Average	257	263																																																																																																								
5	5925.00	75.18	108.20	-33.02	69.57	5.61	Peak	257	263																																																																																																								
6	11750.00	43.17	54.00	-10.83	29.67	13.50	Average	100	300																																																																																																								
7	11750.00	55.61	74.00	-18.39	42.11	13.50	Peak	100	300																																																																																																								
8	17625.00	62.00	68.20	-6.20	42.56	19.44	Peak	100	319																																																																																																								
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/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-OFDMA	Test Freq. (MHz)	5875
Polarization	Vertical		
Test By :Akun Chung Temperature(°C):23 Humidity(%):66			
Level (dBuV/m) <			

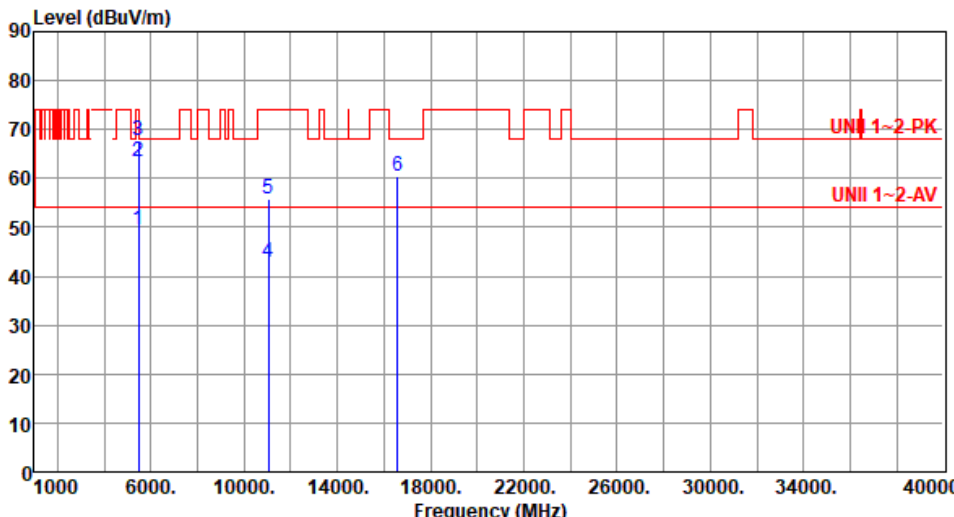
3.5.13 Transmitter Radiated Unwanted Emissions (Above 1GHz) for ax HE80-OFDMA

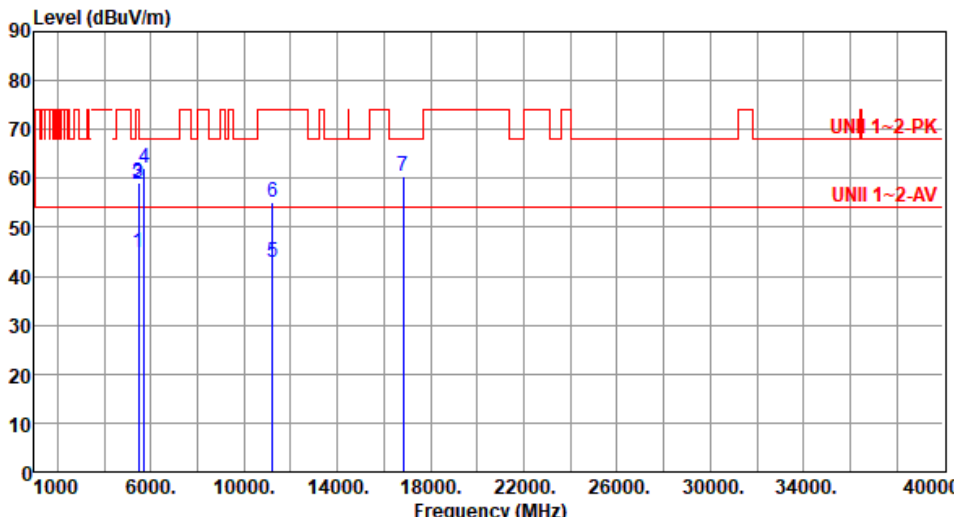
Modulation	ax HE80-OFDMA	Test Freq. (MHz)	5290						
Polarization	Horizontal								
Test By :Brad Wu Temperature(°C):22 Humidity(%):65									
Level (dBuV/m)  Frequency (MHz)									
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn
	MHz	level			reading			High	Table
		dBuV/m	dBuV/m	dB	dBuV	dB/m		cm	deg
1	5150.00	45.13	54.00	-8.87	40.12	5.01	Average	100	5
2	5150.00	59.02	74.00	-14.98	54.01	5.01	Peak	100	5
3	5350.00	44.31	54.00	-9.69	39.89	4.42	Average	100	5
4	5350.00	57.42	74.00	-16.58	53.00	4.42	Peak	100	5
5	10580.00	55.81	68.20	-12.39	41.43	14.38	Peak	100	31
6	15870.00	43.29	54.00	-10.71	29.74	13.55	Average	100	36
7	15870.00	56.84	74.00	-17.16	43.29	13.55	Peak	100	36

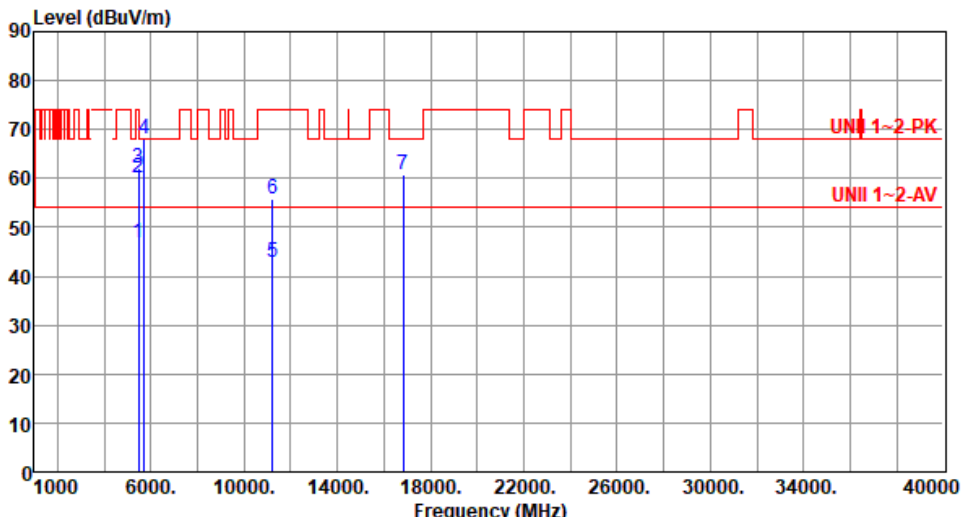
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE80-OFDMA	Test Freq. (MHz)	5290																																																																																																				
Polarization	Vertical																																																																																																						
Test By :Brad Wu Temperature(°C):22 Humidity(%):65																																																																																																							
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/m</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>5150.00</td><td>45.46</td><td>54.00</td><td>-8.54</td><td>40.45</td><td>5.01</td><td>Average</td><td>190</td><td>256</td></tr><tr><td>2</td><td>5150.00</td><td>59.71</td><td>74.00</td><td>-14.29</td><td>54.70</td><td>5.01</td><td>Peak</td><td>190</td><td>256</td></tr><tr><td>3</td><td>5350.00</td><td>52.16</td><td>54.00</td><td>-1.84</td><td>47.74</td><td>4.42</td><td>Average</td><td>190</td><td>256</td></tr><tr><td>4</td><td>5350.00</td><td>65.10</td><td>74.00</td><td>-8.90</td><td>60.68</td><td>4.42</td><td>Peak</td><td>190</td><td>256</td></tr><tr><td>5</td><td>10580.00</td><td>55.98</td><td>68.20</td><td>-12.22</td><td>41.60</td><td>14.38</td><td>Peak</td><td>100</td><td>49</td></tr><tr><td>6</td><td>15870.00</td><td>43.46</td><td>54.00</td><td>-10.54</td><td>29.91</td><td>13.55</td><td>Average</td><td>100</td><td>42</td></tr><tr><td>7</td><td>15870.00</td><td>56.92</td><td>74.00</td><td>-17.08</td><td>43.37</td><td>13.55</td><td>Peak</td><td>100</td><td>42</td></tr></table>					Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn		MHz	level	dBuV/m	dB	reading	dB/m		High	Table									cm	deg	1	5150.00	45.46	54.00	-8.54	40.45	5.01	Average	190	256	2	5150.00	59.71	74.00	-14.29	54.70	5.01	Peak	190	256	3	5350.00	52.16	54.00	-1.84	47.74	4.42	Average	190	256	4	5350.00	65.10	74.00	-8.90	60.68	4.42	Peak	190	256	5	10580.00	55.98	68.20	-12.22	41.60	14.38	Peak	100	49	6	15870.00	43.46	54.00	-10.54	29.91	13.55	Average	100	42	7	15870.00	56.92	74.00	-17.08	43.37	13.55	Peak	100	42
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																																																																														
	MHz	level	dBuV/m	dB	reading	dB/m		High	Table																																																																																														
								cm	deg																																																																																														
1	5150.00	45.46	54.00	-8.54	40.45	5.01	Average	190	256																																																																																														
2	5150.00	59.71	74.00	-14.29	54.70	5.01	Peak	190	256																																																																																														
3	5350.00	52.16	54.00	-1.84	47.74	4.42	Average	190	256																																																																																														
4	5350.00	65.10	74.00	-8.90	60.68	4.42	Peak	190	256																																																																																														
5	10580.00	55.98	68.20	-12.22	41.60	14.38	Peak	100	49																																																																																														
6	15870.00	43.46	54.00	-10.54	29.91	13.55	Average	100	42																																																																																														
7	15870.00	56.92	74.00	-17.08	43.37	13.55	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 HE80-OFDMA	Test Freq. (MHz)	5530
Polarization	Horizontal		
Test By :Brad Wu Temperature(°C):22 Humidity(%):65			
Level (dBuV/m)			

Modulation	ax HE80-OFDMA	Test Freq. (MHz)	5530																																																																																										
Polarization	Vertical																																																																																												
Test By :Brad Wu Temperature(°C):22 Humidity(%):65																																																																																													
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/m</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>49.48</td><td>54.00</td><td>-4.52</td><td>44.81</td><td>4.67</td><td>Average</td><td>154</td><td>295</td></tr><tr><td>2</td><td>5460.00</td><td>63.37</td><td>74.00</td><td>-10.63</td><td>58.70</td><td>4.67</td><td>Peak</td><td>154</td><td>295</td></tr><tr><td>3</td><td>5470.00</td><td>67.75</td><td>68.20</td><td>-0.45</td><td>63.05</td><td>4.70</td><td>Peak</td><td>154</td><td>295</td></tr><tr><td>4</td><td>11060.00</td><td>42.77</td><td>54.00</td><td>-11.23</td><td>28.38</td><td>14.39</td><td>Average</td><td>100</td><td>11</td></tr><tr><td>5</td><td>11060.00</td><td>55.76</td><td>74.00</td><td>-18.24</td><td>41.37</td><td>14.39</td><td>Peak</td><td>100</td><td>11</td></tr><tr><td>6</td><td>16590.00</td><td>60.58</td><td>68.20</td><td>-7.62</td><td>44.54</td><td>16.04</td><td>Peak</td><td>100</td><td>23</td></tr></table>					Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn		MHz	level	dBuV/m	dB	reading	dB/m		High	Table									cm	deg	1	5460.00	49.48	54.00	-4.52	44.81	4.67	Average	154	295	2	5460.00	63.37	74.00	-10.63	58.70	4.67	Peak	154	295	3	5470.00	67.75	68.20	-0.45	63.05	4.70	Peak	154	295	4	11060.00	42.77	54.00	-11.23	28.38	14.39	Average	100	11	5	11060.00	55.76	74.00	-18.24	41.37	14.39	Peak	100	11	6	16590.00	60.58	68.20	-7.62	44.54	16.04	Peak	100	23
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																																																																				
	MHz	level	dBuV/m	dB	reading	dB/m		High	Table																																																																																				
								cm	deg																																																																																				
1	5460.00	49.48	54.00	-4.52	44.81	4.67	Average	154	295																																																																																				
2	5460.00	63.37	74.00	-10.63	58.70	4.67	Peak	154	295																																																																																				
3	5470.00	67.75	68.20	-0.45	63.05	4.70	Peak	154	295																																																																																				
4	11060.00	42.77	54.00	-11.23	28.38	14.39	Average	100	11																																																																																				
5	11060.00	55.76	74.00	-18.24	41.37	14.39	Peak	100	11																																																																																				
6	16590.00	60.58	68.20	-7.62	44.54	16.04	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).																																																																																													

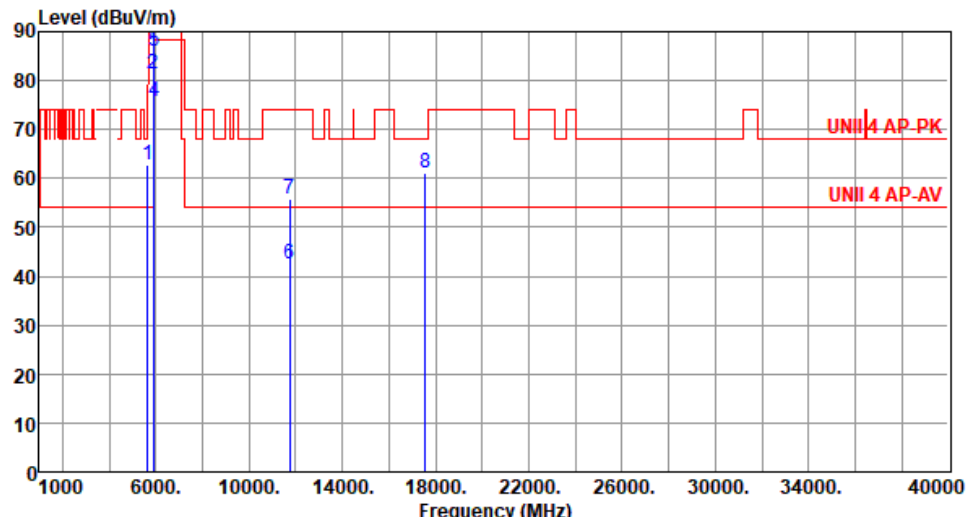
Modulation	ax HE80-OFDMA	Test Freq. (MHz)	5610																																																																																																				
Polarization	Horizontal																																																																																																						
Test By :Brad Wu Temperature(°C):22 Humidity(%):65																																																																																																							
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/m</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>44.93</td><td>54.00</td><td>-9.07</td><td>40.26</td><td>4.67</td><td>Average</td><td>184</td><td>92</td></tr><tr><td>2</td><td>5460.00</td><td>58.83</td><td>74.00</td><td>-15.17</td><td>54.16</td><td>4.67</td><td>Peak</td><td>184</td><td>92</td></tr><tr><td>3</td><td>5470.00</td><td>59.26</td><td>68.20</td><td>-8.94</td><td>54.56</td><td>4.70</td><td>Peak</td><td>184</td><td>92</td></tr><tr><td>4</td><td>5725.00</td><td>61.95</td><td>68.20</td><td>-6.25</td><td>56.78</td><td>5.17</td><td>Peak</td><td>184</td><td>92</td></tr><tr><td>5</td><td>11220.00</td><td>42.69</td><td>54.00</td><td>-11.31</td><td>28.87</td><td>13.82</td><td>Average</td><td>100</td><td>57</td></tr><tr><td>6</td><td>11220.00</td><td>55.28</td><td>74.00</td><td>-18.72</td><td>41.46</td><td>13.82</td><td>Peak</td><td>100</td><td>57</td></tr><tr><td>7</td><td>16830.00</td><td>60.52</td><td>68.20</td><td>-7.68</td><td>43.06</td><td>17.46</td><td>Peak</td><td>100</td><td>41</td></tr></table>					Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn		MHz	level	dBuV/m	dB	reading	dB/m		High	Table									cm	deg	1	5460.00	44.93	54.00	-9.07	40.26	4.67	Average	184	92	2	5460.00	58.83	74.00	-15.17	54.16	4.67	Peak	184	92	3	5470.00	59.26	68.20	-8.94	54.56	4.70	Peak	184	92	4	5725.00	61.95	68.20	-6.25	56.78	5.17	Peak	184	92	5	11220.00	42.69	54.00	-11.31	28.87	13.82	Average	100	57	6	11220.00	55.28	74.00	-18.72	41.46	13.82	Peak	100	57	7	16830.00	60.52	68.20	-7.68	43.06	17.46	Peak	100	41
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																																																																														
	MHz	level	dBuV/m	dB	reading	dB/m		High	Table																																																																																														
								cm	deg																																																																																														
1	5460.00	44.93	54.00	-9.07	40.26	4.67	Average	184	92																																																																																														
2	5460.00	58.83	74.00	-15.17	54.16	4.67	Peak	184	92																																																																																														
3	5470.00	59.26	68.20	-8.94	54.56	4.70	Peak	184	92																																																																																														
4	5725.00	61.95	68.20	-6.25	56.78	5.17	Peak	184	92																																																																																														
5	11220.00	42.69	54.00	-11.31	28.87	13.82	Average	100	57																																																																																														
6	11220.00	55.28	74.00	-18.72	41.46	13.82	Peak	100	57																																																																																														
7	16830.00	60.52	68.20	-7.68	43.06	17.46	Peak	100	41																																																																																														
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/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-OFDMA	Test Freq. (MHz)	5610																																																																																
Polarization	Vertical																																																																																		
Test By :Brad Wu Temperature(°C):22 Humidity(%):65																																																																																			
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/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>5460.00</td><td>46.94</td><td>54.00</td><td>-7.06</td><td>42.27</td><td>4.67</td><td>Average</td><td>155</td><td>300</td></tr><tr><td>2</td><td>5460.00</td><td>60.27</td><td>74.00</td><td>-13.73</td><td>55.60</td><td>4.67</td><td>Peak</td><td>155</td><td>300</td></tr><tr><td>3</td><td>5470.00</td><td>62.25</td><td>68.20</td><td>-5.95</td><td>57.55</td><td>4.70</td><td>Peak</td><td>155</td><td>300</td></tr><tr><td>4</td><td>5725.00</td><td>68.00</td><td>68.20</td><td>-0.20</td><td>62.83</td><td>5.17</td><td>Peak</td><td>155</td><td>300</td></tr><tr><td>5</td><td>11220.00</td><td>42.71</td><td>54.00</td><td>-11.29</td><td>28.89</td><td>13.82</td><td>Average</td><td>100</td><td>36</td></tr><tr><td>6</td><td>11220.00</td><td>55.84</td><td>74.00</td><td>-18.16</td><td>42.02</td><td>13.82</td><td>Peak</td><td>100</td><td>36</td></tr><tr><td>7</td><td>16830.00</td><td>60.65</td><td>68.20</td><td>-7.55</td><td>43.19</td><td>17.46</td><td>Peak</td><td>100</td><td>51</td></tr></tbody></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5460.00	46.94	54.00	-7.06	42.27	4.67	Average	155	300	2	5460.00	60.27	74.00	-13.73	55.60	4.67	Peak	155	300	3	5470.00	62.25	68.20	-5.95	57.55	4.70	Peak	155	300	4	5725.00	68.00	68.20	-0.20	62.83	5.17	Peak	155	300	5	11220.00	42.71	54.00	-11.29	28.89	13.82	Average	100	36	6	11220.00	55.84	74.00	-18.16	42.02	13.82	Peak	100	36	7	16830.00	60.65	68.20	-7.55	43.19	17.46	Peak	100	51
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																										
1	5460.00	46.94	54.00	-7.06	42.27	4.67	Average	155	300																																																																										
2	5460.00	60.27	74.00	-13.73	55.60	4.67	Peak	155	300																																																																										
3	5470.00	62.25	68.20	-5.95	57.55	4.70	Peak	155	300																																																																										
4	5725.00	68.00	68.20	-0.20	62.83	5.17	Peak	155	300																																																																										
5	11220.00	42.71	54.00	-11.29	28.89	13.82	Average	100	36																																																																										
6	11220.00	55.84	74.00	-18.16	42.02	13.82	Peak	100	36																																																																										
7	16830.00	60.65	68.20	-7.55	43.19	17.46	Peak	100	51																																																																										
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																																																																			

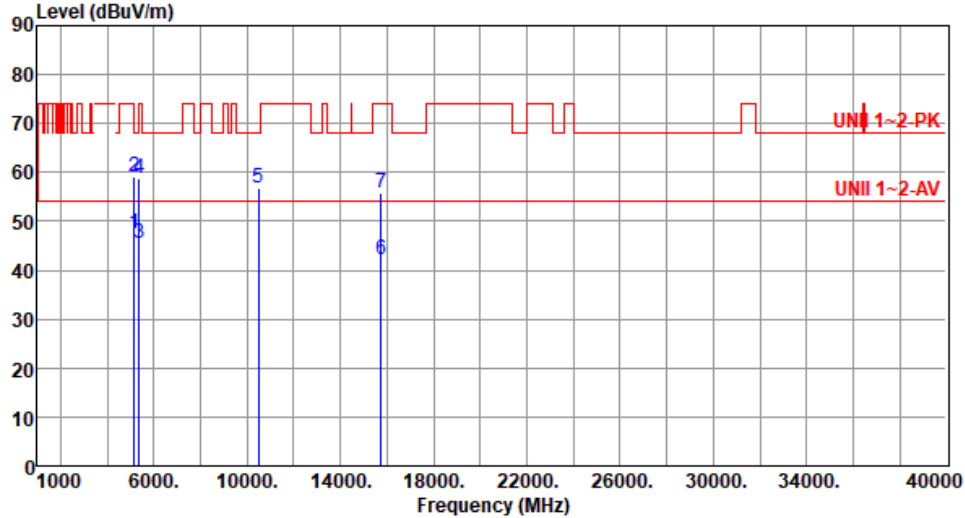
Modulation	ax HE80-OFDMA	Test Freq. (MHz)	5690
Polarization	Horizontal		
Test By :Brad Wu Temperature(°C):22 Humidity(%):65			
Level (dBuV/m)			

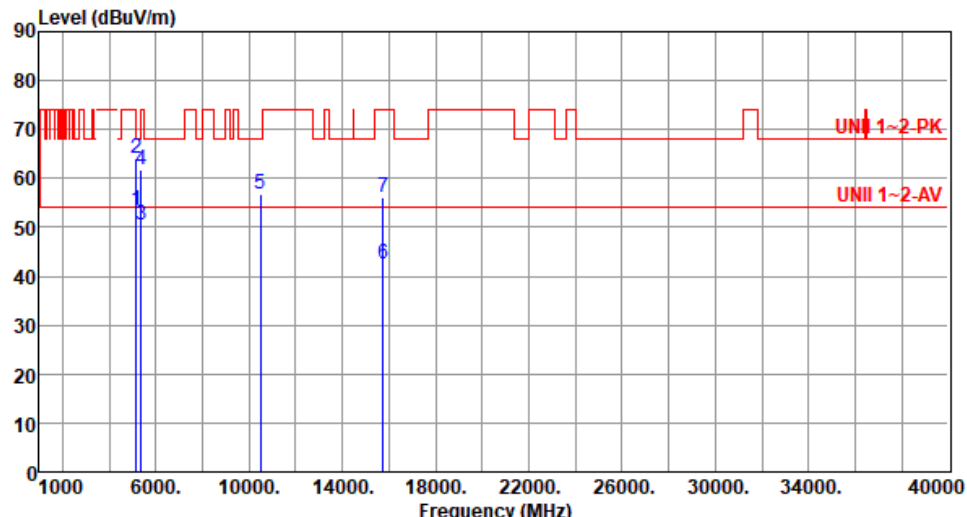
Modulation	ax HE80-OFDMA	Test Freq. (MHz)	5690
Polarization	Vertical		
Test By :Brad Wu Temperature(°C):22 Humidity(%):65			
Level (dBuV/m)			

Modulation	ax HE80-OFDMA	Test Freq. (MHz)	5855
Polarization	Horizontal		
Test By :Akun Chung Temperature(°C):23 Humidity(%):66			
Level (dBuV/m) <			

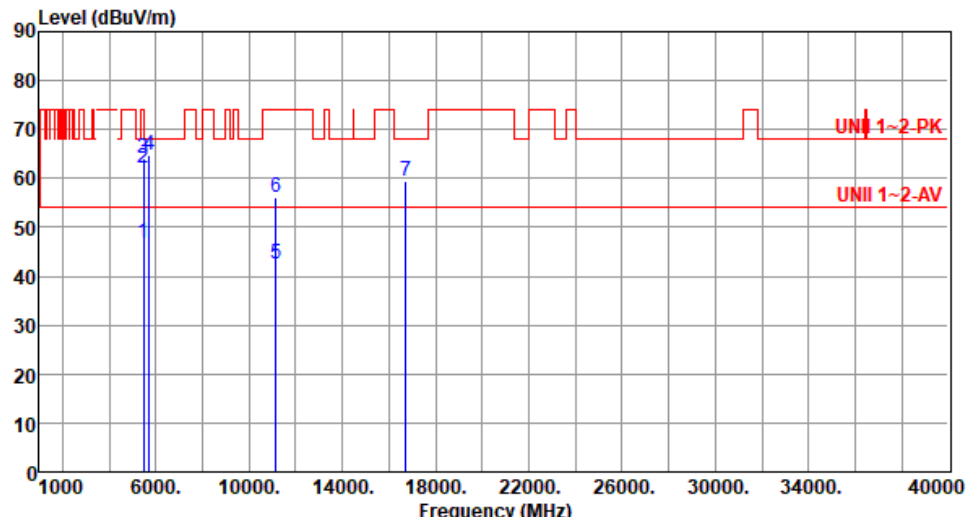
Modulation	ax HE80-OFDMA	Test Freq. (MHz)	5855																																																																																										
Polarization	Vertical																																																																																												
Test By :Akun Chung Temperature(°C):23 Humidity(%):66																																																																																													
 <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/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>5650.00</td><td>62.69</td><td>68.20</td><td>-5.51</td><td>57.88</td><td>4.81</td><td>Peak</td><td>200</td><td>305</td></tr><tr><td>2</td><td>5895.00</td><td>81.48</td><td>110.20</td><td>-28.72</td><td>75.83</td><td>5.65</td><td>Average</td><td>200</td><td>305</td></tr><tr><td>3</td><td>5895.00</td><td>98.64</td><td>130.20</td><td>-31.56</td><td>92.99</td><td>5.65</td><td>Peak</td><td>200</td><td>305</td></tr><tr><td>4</td><td>5925.00</td><td>75.56</td><td>88.20</td><td>-12.64</td><td>69.95</td><td>5.61</td><td>Average</td><td>200</td><td>305</td></tr><tr><td>5</td><td>5925.00</td><td>85.93</td><td>108.20</td><td>-22.27</td><td>80.32</td><td>5.61</td><td>Peak</td><td>200</td><td>305</td></tr><tr><td>6</td><td>11730.00</td><td>42.57</td><td>54.00</td><td>-11.43</td><td>29.01</td><td>13.56</td><td>Average</td><td>100</td><td>40</td></tr><tr><td>7</td><td>11730.00</td><td>55.66</td><td>74.00</td><td>-18.34</td><td>42.10</td><td>13.56</td><td>Peak</td><td>100</td><td>40</td></tr><tr><td>8</td><td>17565.00</td><td>61.15</td><td>68.20</td><td>-7.05</td><td>42.11</td><td>19.04</td><td>Peak</td><td>100</td><td>20</td></tr></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5650.00	62.69	68.20	-5.51	57.88	4.81	Peak	200	305	2	5895.00	81.48	110.20	-28.72	75.83	5.65	Average	200	305	3	5895.00	98.64	130.20	-31.56	92.99	5.65	Peak	200	305	4	5925.00	75.56	88.20	-12.64	69.95	5.61	Average	200	305	5	5925.00	85.93	108.20	-22.27	80.32	5.61	Peak	200	305	6	11730.00	42.57	54.00	-11.43	29.01	13.56	Average	100	40	7	11730.00	55.66	74.00	-18.34	42.10	13.56	Peak	100	40	8	17565.00	61.15	68.20	-7.05	42.11	19.04	Peak	100	20
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																																				
1	5650.00	62.69	68.20	-5.51	57.88	4.81	Peak	200	305																																																																																				
2	5895.00	81.48	110.20	-28.72	75.83	5.65	Average	200	305																																																																																				
3	5895.00	98.64	130.20	-31.56	92.99	5.65	Peak	200	305																																																																																				
4	5925.00	75.56	88.20	-12.64	69.95	5.61	Average	200	305																																																																																				
5	5925.00	85.93	108.20	-22.27	80.32	5.61	Peak	200	305																																																																																				
6	11730.00	42.57	54.00	-11.43	29.01	13.56	Average	100	40																																																																																				
7	11730.00	55.66	74.00	-18.34	42.10	13.56	Peak	100	40																																																																																				
8	17565.00	61.15	68.20	-7.05	42.11	19.04	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).																																																																																													

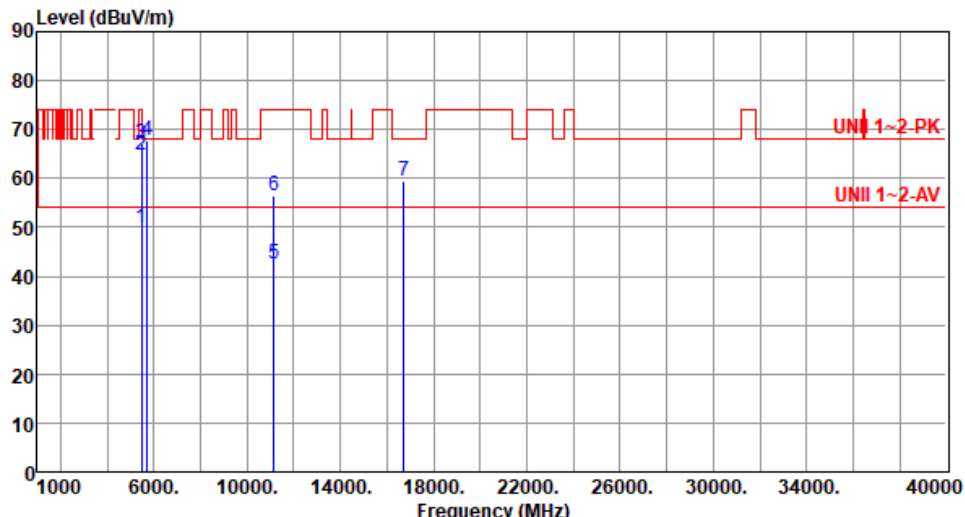
3.5.14 Transmitter Radiated Unwanted Emissions (Above 1GHz) for ax HE160-OFDMA

Modulation	ax HE160-OFDMA		Test Freq. (MHz)	5250																																																																																	
Polarization	Horizontal																																																																																				
Test By :Roger Lu Temperature(°C):22 Humidity(%):68																																																																																					
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/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>5150.00</td><td>47.38</td><td>54.00</td><td>-6.62</td><td>42.37</td><td>5.01</td><td>Average</td><td>105</td><td>6</td></tr><tr><td>2</td><td>5150.00</td><td>59.17</td><td>74.00</td><td>-14.83</td><td>54.16</td><td>5.01</td><td>Peak</td><td>105</td><td>6</td></tr><tr><td>3</td><td>5350.00</td><td>45.54</td><td>54.00</td><td>-8.46</td><td>41.12</td><td>4.42</td><td>Average</td><td>105</td><td>6</td></tr><tr><td>4</td><td>5350.00</td><td>58.71</td><td>74.00</td><td>-15.29</td><td>54.29</td><td>4.42</td><td>Peak</td><td>105</td><td>6</td></tr><tr><td>5</td><td>10500.00</td><td>56.65</td><td>68.20</td><td>-11.55</td><td>42.15</td><td>14.50</td><td>Peak</td><td>100</td><td>30</td></tr><tr><td>6</td><td>15750.00</td><td>42.32</td><td>54.00</td><td>-11.68</td><td>28.87</td><td>13.45</td><td>Average</td><td>100</td><td>40</td></tr><tr><td>7</td><td>15750.00</td><td>55.79</td><td>74.00</td><td>-18.21</td><td>42.34</td><td>13.45</td><td>Peak</td><td>100</td><td>40</td></tr></tbody></table>							Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5150.00	47.38	54.00	-6.62	42.37	5.01	Average	105	6	2	5150.00	59.17	74.00	-14.83	54.16	5.01	Peak	105	6	3	5350.00	45.54	54.00	-8.46	41.12	4.42	Average	105	6	4	5350.00	58.71	74.00	-15.29	54.29	4.42	Peak	105	6	5	10500.00	56.65	68.20	-11.55	42.15	14.50	Peak	100	30	6	15750.00	42.32	54.00	-11.68	28.87	13.45	Average	100	40	7	15750.00	55.79	74.00	-18.21	42.34	13.45	Peak	100	40
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																												
1	5150.00	47.38	54.00	-6.62	42.37	5.01	Average	105	6																																																																												
2	5150.00	59.17	74.00	-14.83	54.16	5.01	Peak	105	6																																																																												
3	5350.00	45.54	54.00	-8.46	41.12	4.42	Average	105	6																																																																												
4	5350.00	58.71	74.00	-15.29	54.29	4.42	Peak	105	6																																																																												
5	10500.00	56.65	68.20	-11.55	42.15	14.50	Peak	100	30																																																																												
6	15750.00	42.32	54.00	-11.68	28.87	13.45	Average	100	40																																																																												
7	15750.00	55.79	74.00	-18.21	42.34	13.45	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 HE160-OFDMA	Test Freq. (MHz)	5250						
Polarization	Vertical								
Test By :Roger Lu Temperature(°C):22 Humidity(%):68									
Level (dBuV/m)  Frequency (MHz)									
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	53.55	54.00	-0.45	48.54	5.01	Average	100	257
2	5150.00	63.95	74.00	-10.05	58.94	5.01	Peak	100	257
3	5350.00	50.44	54.00	-3.56	46.02	4.42	Average	100	257
4	5350.00	61.67	74.00	-12.33	57.25	4.42	Peak	100	257
5	10500.00	56.85	68.20	-11.35	42.35	14.50	Peak	100	60
6	15750.00	42.47	54.00	-11.53	29.02	13.45	Average	100	100
7	15750.00	56.01	74.00	-17.99	42.56	13.45	Peak	100	100

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

Modulation	ax HE160-OFDMA	Test Freq. (MHz)	5570																																																																																
Polarization	Horizontal																																																																																		
Test By :Roger Lu Temperature(°C):22 Humidity(%):68																																																																																			
Level (dBuV/m)  <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/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>5460.00</td><td>46.83</td><td>54.00</td><td>-7.17</td><td>42.16</td><td>4.67</td><td>Average</td><td>189</td><td>95</td></tr><tr><td>2</td><td>5460.00</td><td>62.13</td><td>74.00</td><td>-11.87</td><td>57.46</td><td>4.67</td><td>Peak</td><td>189</td><td>95</td></tr><tr><td>3</td><td>5470.00</td><td>64.15</td><td>68.20</td><td>-4.05</td><td>59.45</td><td>4.70</td><td>Peak</td><td>189</td><td>95</td></tr><tr><td>4</td><td>5725.00</td><td>64.82</td><td>68.20</td><td>-3.38</td><td>59.65</td><td>5.17</td><td>Peak</td><td>189</td><td>95</td></tr><tr><td>5</td><td>11140.00</td><td>42.47</td><td>54.00</td><td>-11.53</td><td>28.42</td><td>14.05</td><td>Average</td><td>100</td><td>30</td></tr><tr><td>6</td><td>11140.00</td><td>56.16</td><td>74.00</td><td>-17.84</td><td>42.11</td><td>14.05</td><td>Peak</td><td>100</td><td>30</td></tr><tr><td>7</td><td>16710.00</td><td>59.46</td><td>68.20</td><td>-8.74</td><td>42.46</td><td>17.00</td><td>Peak</td><td>100</td><td>90</td></tr></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5460.00	46.83	54.00	-7.17	42.16	4.67	Average	189	95	2	5460.00	62.13	74.00	-11.87	57.46	4.67	Peak	189	95	3	5470.00	64.15	68.20	-4.05	59.45	4.70	Peak	189	95	4	5725.00	64.82	68.20	-3.38	59.65	5.17	Peak	189	95	5	11140.00	42.47	54.00	-11.53	28.42	14.05	Average	100	30	6	11140.00	56.16	74.00	-17.84	42.11	14.05	Peak	100	30	7	16710.00	59.46	68.20	-8.74	42.46	17.00	Peak	100	90
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																										
1	5460.00	46.83	54.00	-7.17	42.16	4.67	Average	189	95																																																																										
2	5460.00	62.13	74.00	-11.87	57.46	4.67	Peak	189	95																																																																										
3	5470.00	64.15	68.20	-4.05	59.45	4.70	Peak	189	95																																																																										
4	5725.00	64.82	68.20	-3.38	59.65	5.17	Peak	189	95																																																																										
5	11140.00	42.47	54.00	-11.53	28.42	14.05	Average	100	30																																																																										
6	11140.00	56.16	74.00	-17.84	42.11	14.05	Peak	100	30																																																																										
7	16710.00	59.46	68.20	-8.74	42.46	17.00	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 HE160-OFDMA	Test Freq. (MHz)	5570																																																																																																				
Polarization	Vertical																																																																																																						
Test By :Roger Lu Temperature(°C):22 Humidity(%):68																																																																																																							
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/m</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>49.74</td><td>54.00</td><td>-4.26</td><td>45.07</td><td>4.67</td><td>Average</td><td>172</td><td>306</td></tr><tr><td>2</td><td>5460.00</td><td>64.70</td><td>74.00</td><td>-9.30</td><td>60.03</td><td>4.67</td><td>Peak</td><td>172</td><td>306</td></tr><tr><td>3</td><td>5470.00</td><td>67.08</td><td>68.20</td><td>-1.12</td><td>62.38</td><td>4.70</td><td>Peak</td><td>172</td><td>306</td></tr><tr><td>4</td><td>5725.00</td><td>67.85</td><td>68.20</td><td>-0.35</td><td>62.68</td><td>5.17</td><td>Peak</td><td>172</td><td>306</td></tr><tr><td>5</td><td>11140.00</td><td>42.64</td><td>54.00</td><td>-11.36</td><td>28.59</td><td>14.05</td><td>Average</td><td>100</td><td>60</td></tr><tr><td>6</td><td>11140.00</td><td>56.43</td><td>74.00</td><td>-17.57</td><td>42.38</td><td>14.05</td><td>Peak</td><td>100</td><td>60</td></tr><tr><td>7</td><td>16710.00</td><td>59.60</td><td>68.20</td><td>-8.60</td><td>42.60</td><td>17.00</td><td>Peak</td><td>100</td><td>40</td></tr></table>					Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn		MHz	level	dBuV/m	dB	reading	dB/m		High	Table									cm	deg	1	5460.00	49.74	54.00	-4.26	45.07	4.67	Average	172	306	2	5460.00	64.70	74.00	-9.30	60.03	4.67	Peak	172	306	3	5470.00	67.08	68.20	-1.12	62.38	4.70	Peak	172	306	4	5725.00	67.85	68.20	-0.35	62.68	5.17	Peak	172	306	5	11140.00	42.64	54.00	-11.36	28.59	14.05	Average	100	60	6	11140.00	56.43	74.00	-17.57	42.38	14.05	Peak	100	60	7	16710.00	59.60	68.20	-8.60	42.60	17.00	Peak	100	40
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																																																																														
	MHz	level	dBuV/m	dB	reading	dB/m		High	Table																																																																																														
								cm	deg																																																																																														
1	5460.00	49.74	54.00	-4.26	45.07	4.67	Average	172	306																																																																																														
2	5460.00	64.70	74.00	-9.30	60.03	4.67	Peak	172	306																																																																																														
3	5470.00	67.08	68.20	-1.12	62.38	4.70	Peak	172	306																																																																																														
4	5725.00	67.85	68.20	-0.35	62.68	5.17	Peak	172	306																																																																																														
5	11140.00	42.64	54.00	-11.36	28.59	14.05	Average	100	60																																																																																														
6	11140.00	56.43	74.00	-17.57	42.38	14.05	Peak	100	60																																																																																														
7	16710.00	59.60	68.20	-8.60	42.60	17.00	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).																																																																																																							

3.6 Frequency Stability

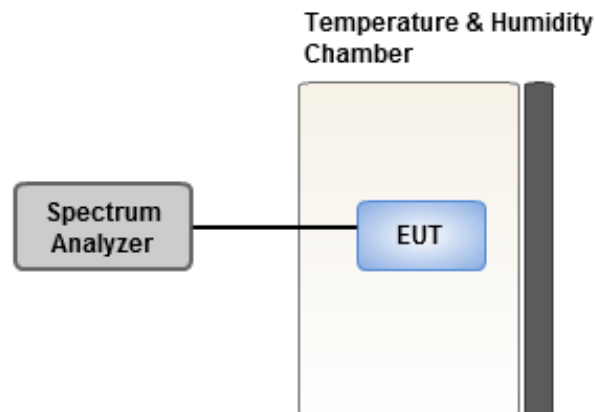
3.6.1 Limit of Frequency Stability

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

Ambient Condition	18°C / 68%	Tested By	Aska Huang
--------------------------	------------	------------------	------------

Frequency: 5300 MHz	Frequency Drift (ppm)			
Temperature (°C)	0 minute	2 minutes	5 minutes	10 minutes
T20°C Vmax	0.75	0.75	0.97	0.45
T20°C Vmin	1.94	1.36	1.89	1.75
T50°C Vnom	2.87	1.70	2.29	2.85
T40°C Vnom	0.62	0.05	0.18	-0.13
T30°C Vnom	1.79	1.25	0.96	1.60
T20°C Vnom	1.66	1.17	1.40	1.48
T10°C Vnom	3.03	2.12	2.67	2.37
T0°C Vnom	3.17	2.78	3.83	3.05
T-10°C Vnom	5.72	5.73	5.48	6.08
T-20°C Vnom	9.04	8.92	8.79	8.78
T-30°C Vnom	9.50	9.80	9.90	9.80
Vnom [V]: 120		Vmax [V]: 138		Vmin [V]: 102
Tnom [°C]: 20		Tmax [°C]: 50		Tmin [°C]: -30

Frequency: 5580 MHz	Frequency Drift (ppm)			
Temperature (°C)	0 minute	2 minutes	5 minutes	10 minutes
T20°C Vmax	1.41	1.39	1.35	1.20
T20°C Vmin	1.90	2.25	2.74	2.39
T50°C Vnom	2.69	3.11	2.79	3.29
T40°C Vnom	0.95	0.81	0.78	1.08
T30°C Vnom	1.72	1.96	1.59	2.29
T20°C Vnom	2.32	2.54	2.23	2.30
T10°C Vnom	3.29	3.24	3.19	3.52
T0°C Vnom	3.53	3.02	3.97	3.59
T-10°C Vnom	5.09	5.86	5.63	5.52
T-20°C Vnom	8.87	8.31	8.57	8.76
T-30°C Vnom	9.42	9.19	9.35	9.43
Vnom [V]: 120		Vmax [V]: 138		Vmin [V]: 102
Tnom [°C]: 20		Tmax [°C]: 50		Tmin [°C]: -30

4 Test laboratory information

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

International Certification Corporation (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 Dist., Tao Yuan
City 33381, Taiwan (R.O.C.)
No.2-1, Lane 6, Wen San 3rd
St., Kwei Shan Dist., Tao Yuan
City 33381, Taiwan (R.O.C.)

Kwei Shan Site II

Tel: 886-3-271-8640

No.14-1, Lane 19, Wen San 3rd
St., Kwei Shan Dist., 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: 886-3-318-0345

Email: ICC_Service@icertifi.com.tw

==END==