



Modulation	11a	Test Freq. (MHz)	5180																																																																																
Polarization	Vertical																																																																																		
Test By :Brad Wu Temperature(°C):24 Humidity(%):66																																																																																			
<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>51.09</td><td>54.00</td><td>-2.91</td><td>50.67</td><td>0.42</td><td>Average</td><td>269</td><td>326</td></tr><tr><td>2</td><td>5150.00</td><td>70.89</td><td>74.00</td><td>-3.11</td><td>70.47</td><td>0.42</td><td>Peak</td><td>269</td><td>326</td></tr><tr><td>3 *</td><td>5180.00</td><td>108.32</td><td></td><td></td><td>108.02</td><td>0.30</td><td>Average</td><td>269</td><td>326</td></tr><tr><td>4 *</td><td>5180.00</td><td>119.21</td><td></td><td></td><td>118.91</td><td>0.30</td><td>Peak</td><td>269</td><td>326</td></tr><tr><td>5</td><td>10360.00</td><td>55.35</td><td>68.20</td><td>-12.85</td><td>47.24</td><td>8.11</td><td>Peak</td><td>100</td><td>36</td></tr><tr><td>6</td><td>15540.00</td><td>47.28</td><td>54.00</td><td>-6.72</td><td>41.72</td><td>5.56</td><td>Average</td><td>100</td><td>329</td></tr><tr><td>7</td><td>15540.00</td><td>60.95</td><td>74.00</td><td>-13.05</td><td>55.39</td><td>5.56</td><td>Peak</td><td>100</td><td>329</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	51.09	54.00	-2.91	50.67	0.42	Average	269	326	2	5150.00	70.89	74.00	-3.11	70.47	0.42	Peak	269	326	3 *	5180.00	108.32			108.02	0.30	Average	269	326	4 *	5180.00	119.21			118.91	0.30	Peak	269	326	5	10360.00	55.35	68.20	-12.85	47.24	8.11	Peak	100	36	6	15540.00	47.28	54.00	-6.72	41.72	5.56	Average	100	329	7	15540.00	60.95	74.00	-13.05	55.39	5.56	Peak	100	329
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Polarization	Horizontal																																																																																		
Test By :Brad Wu Temperature(°C):24 Humidity(%):66																																																																																			
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	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																										
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	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																										
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Modulation	11a	Test Freq. (MHz)	5240
Polarization	Horizontal		
Test By :Brad Wu Temperature(°C):23 Humidity(%):66			
Level (dBUV/m) <			



Modulation	11a	Test Freq. (MHz)	5240						
Polarization	Vertical								
Test By :Brad Wu Temperature(°C):23 Humidity(%):66									
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	44.61	54.00	-9.39	44.19	0.42	Average	264	318
2	5150.00	57.86	74.00	-16.14	57.44	0.42	Peak	264	318
3 *	5240.00	107.32			107.42	-0.10	Average	264	318
4 *	5240.00	117.84			117.94	-0.10	Peak	264	318
5	5350.00	43.95	54.00	-10.05	44.21	-0.26	Average	264	318
6	5350.00	57.26	74.00	-16.74	57.52	-0.26	Peak	264	318
7	10480.00	55.48	68.20	-12.72	47.21	8.27	Peak	100	45
8	15720.00	46.23	54.00	-7.77	41.01	5.22	Average	100	343
9	15720.00	59.89	74.00	-14.11	54.67	5.22	Peak	100	343

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).
Note 3: "*" is Peak / Average value of fundamental frequency.



Modulation	11a	Test Freq. (MHz)	5260																																																																																																				
Polarization	Horizontal																																																																																																						
Test By :Brad Wu Temperature(°C):23 Humidity(%):66																																																																																																							
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Modulation	11a	Test Freq. (MHz)	5260
Polarization	Vertical		
Test By :Brad Wu Temperature(°C):23 Humidity(%):66			
Level (dBuV/m)			



Modulation		11a		Test Freq. (MHz)		5300			
Polarization		Horizontal							
Test By		:Brad Wu		Temperature(°C):23		Humidity(%):66			
Level (dBuV/m)									



Modulation		11a		Test Freq. (MHz)		5300			
Polarization		Vertical							
Test By		:Brad Wu		Temperature(°C):23		Humidity(%):66			
Level (dBuV/m)									



Modulation		11a		Test Freq. (MHz)		5320			
Polarization		Horizontal							
Test By		:Brad Wu		Temperature(°C):24		Humidity(%):66			
Level (dBuV/m)									



Modulation		11a		Test Freq. (MHz)		5320				
Polarization		Vertical								
Test By		:Brad Wu		Temperature(°C):24		Humidity(%):66				
Level (dBuV/m)										



Modulation	11a	Test Freq. (MHz)	5500																																																																																										
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Test By :Brad Wu Temperature(°C):24 Humidity(%):66																																																																																													
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	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																																				
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Modulation	11a	Test Freq. (MHz)	5500
Polarization	Vertical		
Test By :Brad Wu Temperature(°C):24 Humidity(%):66			
Level (dBUV/m) <			

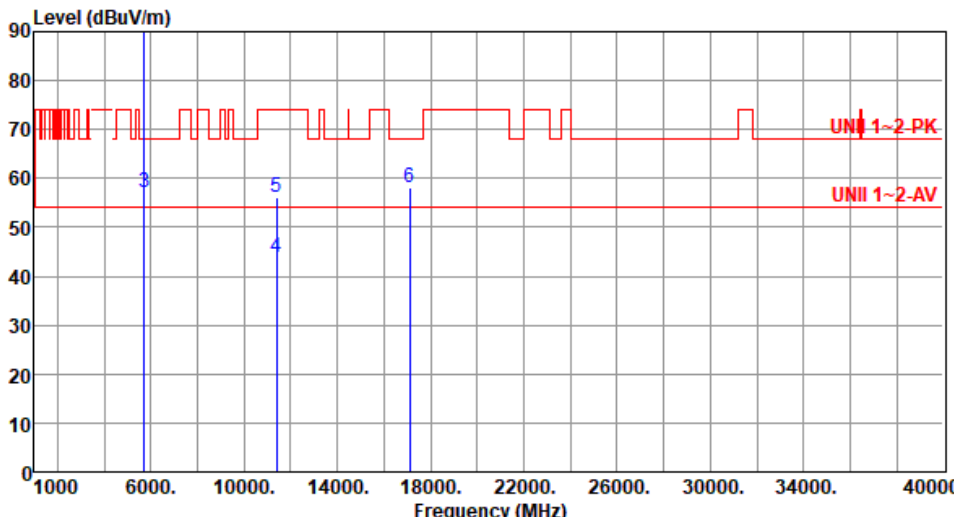


Modulation	11a	Test Freq. (MHz)	5580																																																																																																				
Polarization	Horizontal																																																																																																						
Test By :Brad Wu Temperature(°C):23 Humidity(%):66																																																																																																							
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	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																																														
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Modulation	11a	Test Freq. (MHz)	5580
Polarization	Vertical		
Test By :Brad Wu Temperature(°C):23 Humidity(%):66			
Level (dBUV/m)			



Modulation	11a		Test Freq. (MHz)		5700																																																																																											
Polarization	Horizontal																																																																																															
Test By :Brad Wu Temperature(°C):24 Humidity(%):66																																																																																																
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	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																																																																							
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Modulation	11a	Test Freq. (MHz)	5700
Polarization	Vertical		
Test By :Brad Wu Temperature(°C):24 Humidity(%):66			
Level (dBUV/m) <			



Modulation	11a	Test Freq. (MHz)	5720																																																																																																				
Polarization	Horizontal																																																																																																						
Test By :Brad Wu Temperature(°C):23 Humidity(%):66																																																																																																							
Level (dBUV/m) UNII 1-2-PK UNII 1-2-AV 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>43.56</td><td>54.00</td><td>-10.44</td><td>43.28</td><td>0.28</td><td>Average</td><td>100</td><td>3</td></tr><tr><td>2</td><td>5460.00</td><td>57.16</td><td>74.00</td><td>-16.84</td><td>56.88</td><td>0.28</td><td>Peak</td><td>100</td><td>3</td></tr><tr><td>3</td><td>5470.00</td><td>57.92</td><td>68.20</td><td>-10.28</td><td>57.63</td><td>0.29</td><td>Peak</td><td>100</td><td>3</td></tr><tr><td>4 *</td><td>5720.00</td><td>101.83</td><td></td><td></td><td>101.22</td><td>0.61</td><td>Average</td><td>100</td><td>3</td></tr><tr><td>5 *</td><td>5720.00</td><td>112.93</td><td></td><td></td><td>112.32</td><td>0.61</td><td>Peak</td><td>100</td><td>3</td></tr><tr><td>6</td><td>5850.00</td><td>57.58</td><td>68.20</td><td>-10.62</td><td>56.74</td><td>0.84</td><td>Peak</td><td>100</td><td>3</td></tr><tr><td>7</td><td>11440.00</td><td>43.86</td><td>54.00</td><td>-10.14</td><td>35.64</td><td>8.22</td><td>Average</td><td>100</td><td>62</td></tr><tr><td>8</td><td>11440.00</td><td>56.05</td><td>74.00</td><td>-17.95</td><td>47.83</td><td>8.22</td><td>Peak</td><td>100</td><td>62</td></tr><tr><td>9</td><td>17160.00</td><td>58.35</td><td>68.20</td><td>-9.85</td><td>52.42</td><td>5.93</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	43.56	54.00	-10.44	43.28	0.28	Average	100	3	2	5460.00	57.16	74.00	-16.84	56.88	0.28	Peak	100	3	3	5470.00	57.92	68.20	-10.28	57.63	0.29	Peak	100	3	4 *	5720.00	101.83			101.22	0.61	Average	100	3	5 *	5720.00	112.93			112.32	0.61	Peak	100	3	6	5850.00	57.58	68.20	-10.62	56.74	0.84	Peak	100	3	7	11440.00	43.86	54.00	-10.14	35.64	8.22	Average	100	62	8	11440.00	56.05	74.00	-17.95	47.83	8.22	Peak	100	62	9	17160.00	58.35	68.20	-9.85	52.42	5.93	Peak	100	28
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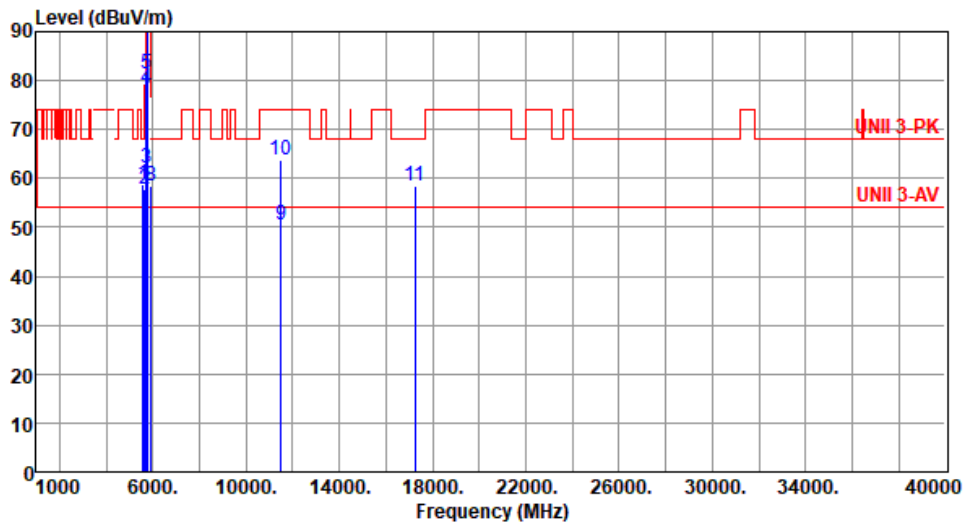


Modulation	11a	Test Freq. (MHz)	5720
Polarization	Vertical		
Test By :Brad Wu Temperature(°C):23 Humidity(%):66			
Level (dBUV/m) </			



Modulation	11a	Test Freq. (MHz)	5745																																																																																																																								
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Test By :Brad Wu Temperature(°C):24 Humidity(%):66																																																																																																																											
Level (dBUV/m) UNII 3-PK UNII 3-AV 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>5586.00</td><td>60.04</td><td>68.20</td><td>-8.16</td><td>59.61</td><td>0.43</td><td>Peak</td><td>100</td><td>3</td></tr><tr><td>2</td><td>5650.00</td><td>57.83</td><td>68.20</td><td>-10.37</td><td>57.49</td><td>0.34</td><td>Peak</td><td>100</td><td>3</td></tr><tr><td>3</td><td>5700.00</td><td>63.07</td><td>105.20</td><td>-42.13</td><td>62.51</td><td>0.56</td><td>Peak</td><td>100</td><td>3</td></tr><tr><td>4</td><td>5720.00</td><td>79.80</td><td>110.80</td><td>-31.00</td><td>79.19</td><td>0.61</td><td>Peak</td><td>100</td><td>3</td></tr><tr><td>5</td><td>5725.00</td><td>83.22</td><td>122.20</td><td>-38.98</td><td>82.59</td><td>0.63</td><td>Peak</td><td>100</td><td>3</td></tr><tr><td>6 *</td><td>5745.00</td><td>109.85</td><td></td><td></td><td>109.17</td><td>0.68</td><td>Average</td><td>100</td><td>3</td></tr><tr><td>7 *</td><td>5745.00</td><td>120.98</td><td></td><td></td><td>120.30</td><td>0.68</td><td>Peak</td><td>100</td><td>3</td></tr><tr><td>8</td><td>5925.00</td><td>58.56</td><td>68.20</td><td>-9.64</td><td>57.42</td><td>1.14</td><td>Peak</td><td>100</td><td>3</td></tr><tr><td>9</td><td>11490.00</td><td>48.29</td><td>54.00</td><td>-5.71</td><td>39.98</td><td>8.31</td><td>Average</td><td>100</td><td>71</td></tr><tr><td>10</td><td>11490.00</td><td>62.13</td><td>74.00</td><td>-11.87</td><td>53.82</td><td>8.31</td><td>Peak</td><td>100</td><td>71</td></tr><tr><td>11</td><td>17235.00</td><td>59.25</td><td>68.20</td><td>-8.95</td><td>53.43</td><td>5.82</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	5586.00	60.04	68.20	-8.16	59.61	0.43	Peak	100	3	2	5650.00	57.83	68.20	-10.37	57.49	0.34	Peak	100	3	3	5700.00	63.07	105.20	-42.13	62.51	0.56	Peak	100	3	4	5720.00	79.80	110.80	-31.00	79.19	0.61	Peak	100	3	5	5725.00	83.22	122.20	-38.98	82.59	0.63	Peak	100	3	6 *	5745.00	109.85			109.17	0.68	Average	100	3	7 *	5745.00	120.98			120.30	0.68	Peak	100	3	8	5925.00	58.56	68.20	-9.64	57.42	1.14	Peak	100	3	9	11490.00	48.29	54.00	-5.71	39.98	8.31	Average	100	71	10	11490.00	62.13	74.00	-11.87	53.82	8.31	Peak	100	71	11	17235.00	59.25	68.20	-8.95	53.43	5.82	Peak	100	26
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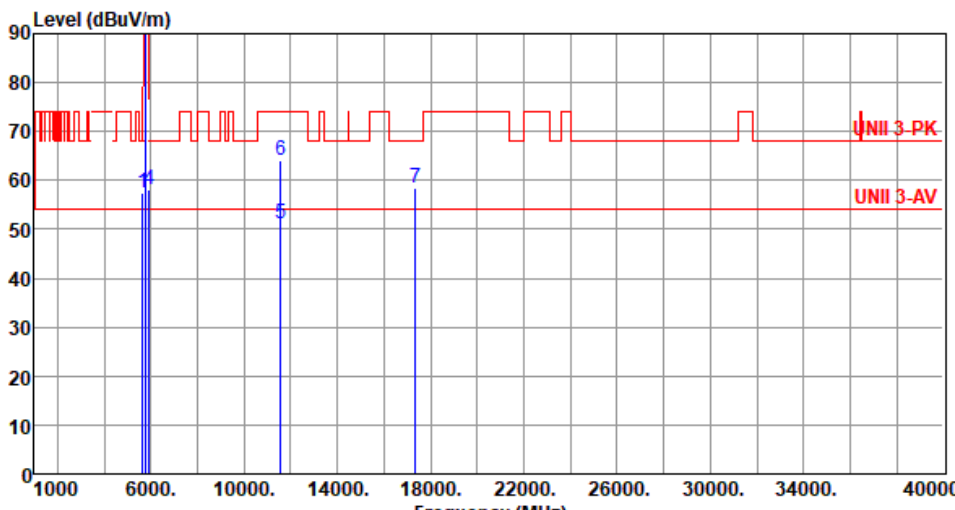


Modulation	11a	Test Freq. (MHz)	5745																																																																																																																									
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Modulation	11a	Test Freq. (MHz)	5785																																																																																
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Polarization	Horizontal																																																																																																																
Test By :Brad Wu Temperature(°C):24 Humidity(%):66																																																																																																																	
Level (dBUV/m) UNII 3-PK UNII 3-AV <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>58.12</td><td>68.20</td><td>-10.08</td><td>57.78</td><td>0.34</td><td>Peak</td><td>100</td><td>4</td></tr><tr><td>2 *</td><td>5825.00</td><td>109.45</td><td></td><td></td><td>108.72</td><td>0.73</td><td>Average</td><td>100</td><td>4</td></tr><tr><td>3 *</td><td>5825.00</td><td>120.52</td><td></td><td></td><td>119.79</td><td>0.73</td><td>Peak</td><td>100</td><td>4</td></tr><tr><td>4</td><td>5850.00</td><td>76.33</td><td>122.20</td><td>-45.87</td><td>75.49</td><td>0.84</td><td>Peak</td><td>100</td><td>4</td></tr><tr><td>5</td><td>5855.00</td><td>73.12</td><td>110.80</td><td>-37.68</td><td>72.26</td><td>0.86</td><td>Peak</td><td>100</td><td>4</td></tr><tr><td>6</td><td>5875.00</td><td>61.77</td><td>105.20</td><td>-43.43</td><td>60.81</td><td>0.96</td><td>Peak</td><td>100</td><td>4</td></tr><tr><td>7</td><td>5925.00</td><td>58.40</td><td>68.20</td><td>-9.80</td><td>57.26</td><td>1.14</td><td>Peak</td><td>100</td><td>4</td></tr><tr><td>8</td><td>11650.00</td><td>48.05</td><td>54.00</td><td>-5.95</td><td>40.07</td><td>7.98</td><td>Average</td><td>100</td><td>52</td></tr><tr><td>9</td><td>11650.00</td><td>61.87</td><td>74.00</td><td>-12.13</td><td>53.89</td><td>7.98</td><td>Peak</td><td>100</td><td>52</td></tr><tr><td>10</td><td>17475.00</td><td>59.22</td><td>68.20</td><td>-8.98</td><td>52.58</td><td>6.64</td><td>Peak</td><td>100</td><td>28</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	5650.00	58.12	68.20	-10.08	57.78	0.34	Peak	100	4	2 *	5825.00	109.45			108.72	0.73	Average	100	4	3 *	5825.00	120.52			119.79	0.73	Peak	100	4	4	5850.00	76.33	122.20	-45.87	75.49	0.84	Peak	100	4	5	5855.00	73.12	110.80	-37.68	72.26	0.86	Peak	100	4	6	5875.00	61.77	105.20	-43.43	60.81	0.96	Peak	100	4	7	5925.00	58.40	68.20	-9.80	57.26	1.14	Peak	100	4	8	11650.00	48.05	54.00	-5.95	40.07	7.98	Average	100	52	9	11650.00	61.87	74.00	-12.13	53.89	7.98	Peak	100	52	10	17475.00	59.22	68.20	-8.98	52.58	6.64	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																																																																																																								
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Modulation	11a	Test Freq. (MHz)	5825
Polarization	Vertical		
Test By :Brad Wu Temperature(°C):23 Humidity(%):66			
Level (dBUV/m) <			



Unwanted Emissions (Above 1GHz) for ax HE20

Modulation	ax HE20		Test Freq. (MHz)		5180				
Polarization	Horizontal								
Test By :Brad Wu			Temperature(°C):24			Humidity(%):66			
Level (dBuV/m) <									



Modulation	ax HE20	Test Freq. (MHz)	5180																																																																																
Polarization	Vertical																																																																																		
Test By :Brad Wu Temperature(°C):24 Humidity(%):66																																																																																			
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	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																										
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Modulation	ax HE20		Test Freq. (MHz)		5200				
Polarization	Horizontal								
Test By		:Brad Wu		Temperature(°C):24		Humidity(%):66			
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	49.48	54.00	-4.52	49.06	0.42	Average	100	2
2	5150.00	67.41	74.00	-6.59	66.99	0.42	Peak	100	2
3 *	5200.00	111.64			111.42	0.22	Average	100	2
4 *	5200.00	123.63			123.41	0.22	Peak	100	2
5	10400.00	55.89	68.20	-12.31	47.75	8.14	Peak	100	48
6	15600.00	47.14	54.00	-6.86	41.99	5.15	Average	100	29
7	15600.00	61.62	74.00	-12.38	56.47	5.15	Peak	100	29

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

*Factor includes antenna factor , cable loss and amplifier gain

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

Note 3:"*" is Peak / Average value of fundamental frequency.



Modulation	ax HE20	Test Freq. (MHz)	5200																																																																																
Polarization	Vertical																																																																																		
Test By :Brad Wu Temperature(°C):24 Humidity(%):66																																																																																			
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	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																										
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Modulation	ax HE20	Test Freq. (MHz)	5240
Polarization	Horizontal		
Test By :Brad Wu Temperature(°C):23 Humidity(%):66			
Level (dBUV/m) </			



Modulation	ax HE20	Test Freq. (MHz)	5240
Polarization	Vertical		
Test By :Brad Wu Temperature(°C):23 Humidity(%):66			
Level (dBUV/m)			



Modulation	ax HE20	Test Freq. (MHz)	5260																																																																																																																								
Polarization	Horizontal																																																																																																																										
Test By :Brad Wu Temperature(°C):23 Humidity(%):66																																																																																																																											
Level (dBUV/m) UNII 1-2-PK UNII 1-2-AV 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>dBuV</th><th></th><th></th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5150.00</td><td>44.61</td><td>54.00</td><td>-9.39</td><td>44.19</td><td>0.42</td><td>Average</td><td>100</td><td>356</td></tr><tr><td>2</td><td>5150.00</td><td>58.06</td><td>74.00</td><td>-15.94</td><td>57.64</td><td>0.42</td><td>Peak</td><td>100</td><td>356</td></tr><tr><td>3 *</td><td>5260.00</td><td>104.02</td><td></td><td></td><td>104.21</td><td>-0.19</td><td>Average</td><td>100</td><td>356</td></tr><tr><td>4 *</td><td>5260.00</td><td>115.14</td><td></td><td></td><td>115.33</td><td>-0.19</td><td>Peak</td><td>100</td><td>356</td></tr><tr><td>5</td><td>5350.00</td><td>44.31</td><td>54.00</td><td>-9.69</td><td>44.57</td><td>-0.26</td><td>Average</td><td>100</td><td>356</td></tr><tr><td>6</td><td>5350.00</td><td>57.96</td><td>74.00</td><td>-16.04</td><td>58.22</td><td>-0.26</td><td>Peak</td><td>100</td><td>356</td></tr><tr><td>7</td><td>10520.00</td><td>54.84</td><td>68.20</td><td>-13.36</td><td>46.54</td><td>8.30</td><td>Peak</td><td>100</td><td>51</td></tr><tr><td>8</td><td>15780.00</td><td>42.56</td><td>54.00</td><td>-11.44</td><td>37.39</td><td>5.17</td><td>Average</td><td>100</td><td>24</td></tr><tr><td>9</td><td>15780.00</td><td>55.33</td><td>74.00</td><td>-18.67</td><td>50.16</td><td>5.17</td><td>Peak</td><td>100</td><td>24</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	5150.00	44.61	54.00	-9.39	44.19	0.42	Average	100	356	2	5150.00	58.06	74.00	-15.94	57.64	0.42	Peak	100	356	3 *	5260.00	104.02			104.21	-0.19	Average	100	356	4 *	5260.00	115.14			115.33	-0.19	Peak	100	356	5	5350.00	44.31	54.00	-9.69	44.57	-0.26	Average	100	356	6	5350.00	57.96	74.00	-16.04	58.22	-0.26	Peak	100	356	7	10520.00	54.84	68.20	-13.36	46.54	8.30	Peak	100	51	8	15780.00	42.56	54.00	-11.44	37.39	5.17	Average	100	24	9	15780.00	55.33	74.00	-18.67	50.16	5.17	Peak	100	24
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																																																																																																		
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8	15780.00	42.56	54.00	-11.44	37.39	5.17	Average	100	24																																																																																																																		
9	15780.00	55.33	74.00	-18.67	50.16	5.17	Peak	100	24																																																																																																																		
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m). Note 3: "*" is Peak / Average value of fundamental frequency.																																																																																																																											



Modulation	ax HE20	Test Freq. (MHz)	5260						
Polarization	Vertical								
Test By :Brad Wu Temperature(°C):23 Humidity(%):66									
Level (dBUV/m) UNII 1-2-PK UNII 1-2-AV 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	44.63	54.00	-9.37	44.21	0.42	Average	268	334
2	5150.00	57.92	74.00	-16.08	57.50	0.42	Peak	268	334
3 *	5260.00	103.06			103.25	-0.19	Average	268	334
4 *	5260.00	114.32			114.51	-0.19	Peak	268	334
5	5350.00	44.13	54.00	-9.87	44.39	-0.26	Average	268	334
6	5350.00	57.64	74.00	-16.36	57.90	-0.26	Peak	268	334
7	10520.00	55.48	68.20	-12.72	47.18	8.30	Peak	100	49
8	15780.00	42.81	54.00	-11.19	37.64	5.17	Average	100	61
9	15780.00	56.42	74.00	-17.58	51.25	5.17	Peak	100	61

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).
Note 3:"*" is Peak / Average value of fundamental frequency.



Modulation		ax HE20			Test Freq. (MHz)		5300			
Polarization		Horizontal								
Test By		:Brad Wu			Temperature(°C):23		Humidity(%):66			
Level (dBuV/m)										



Modulation		ax HE20			Test Freq. (MHz)		5300			
Polarization		Vertical								
Test By		:Brad Wu			Temperature(°C):23		Humidity(%):66			
Level (dBuV/m) </										



Modulation		ax HE20		Test Freq. (MHz)		5320			
Polarization		Horizontal							
Test By		:Brad Wu		Temperature(°C):24		Humidity(%):66			
Level (dBuV/m)									



Modulation		ax HE20			Test Freq. (MHz)		5320			
Polarization		Vertical								
Test By		:Brad Wu		Temperature(°C):24		Humidity(%):66				
Level (dBuV/m)										



Modulation	ax HE20	Test Freq. (MHz)	5500																																																																																										
Polarization	Horizontal																																																																																												
Test By :Brad Wu Temperature(°C):24 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>5460.00</td><td>44.38</td><td>54.00</td><td>-9.62</td><td>44.10</td><td>0.28</td><td>Average</td><td>100</td><td>355</td></tr><tr><td>2</td><td>5460.00</td><td>57.51</td><td>74.00</td><td>-16.49</td><td>57.23</td><td>0.28</td><td>Peak</td><td>100</td><td>355</td></tr><tr><td>3</td><td>5470.00</td><td>59.17</td><td>68.20</td><td>-9.03</td><td>58.88</td><td>0.29</td><td>Peak</td><td>100</td><td>355</td></tr><tr><td>4 *</td><td>5500.00</td><td>104.12</td><td></td><td></td><td>103.76</td><td>0.36</td><td>Average</td><td>100</td><td>355</td></tr><tr><td>5 *</td><td>5500.00</td><td>116.32</td><td></td><td></td><td>115.96</td><td>0.36</td><td>Peak</td><td>100</td><td>355</td></tr><tr><td>6</td><td>11000.00</td><td>43.88</td><td>54.00</td><td>-10.12</td><td>34.87</td><td>9.01</td><td>Average</td><td>100</td><td>51</td></tr><tr><td>7</td><td>11000.00</td><td>55.92</td><td>74.00</td><td>-18.08</td><td>46.91</td><td>9.01</td><td>Peak</td><td>100</td><td>51</td></tr><tr><td>8</td><td>16500.00</td><td>57.76</td><td>68.20</td><td>-10.44</td><td>50.97</td><td>6.79</td><td>Peak</td><td>100</td><td>45</td></tr></tbody></table> Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m). Note 3: "*" is Peak / Average value of fundamental frequency.					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	44.38	54.00	-9.62	44.10	0.28	Average	100	355	2	5460.00	57.51	74.00	-16.49	57.23	0.28	Peak	100	355	3	5470.00	59.17	68.20	-9.03	58.88	0.29	Peak	100	355	4 *	5500.00	104.12			103.76	0.36	Average	100	355	5 *	5500.00	116.32			115.96	0.36	Peak	100	355	6	11000.00	43.88	54.00	-10.12	34.87	9.01	Average	100	51	7	11000.00	55.92	74.00	-18.08	46.91	9.01	Peak	100	51	8	16500.00	57.76	68.20	-10.44	50.97	6.79	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	44.38	54.00	-9.62	44.10	0.28	Average	100	355																																																																																				
2	5460.00	57.51	74.00	-16.49	57.23	0.28	Peak	100	355																																																																																				
3	5470.00	59.17	68.20	-9.03	58.88	0.29	Peak	100	355																																																																																				
4 *	5500.00	104.12			103.76	0.36	Average	100	355																																																																																				
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8	16500.00	57.76	68.20	-10.44	50.97	6.79	Peak	100	45																																																																																				



Modulation	ax HE20	Test Freq. (MHz)	5500						
Polarization	Vertical								
Test By :Brad Wu Temperature(°C):24 Humidity(%):66									
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	44.21	54.00	-9.79	43.93	0.28	Average	254	276
2	5460.00	57.52	74.00	-16.48	57.24	0.28	Peak	254	276
3	5470.00	57.91	68.20	-10.29	57.62	0.29	Peak	254	276
4 *	5500.00	103.02			102.66	0.36	Average	254	276
5 *	5500.00	115.36			115.00	0.36	Peak	254	276
6	11000.00	43.26	54.00	-10.74	34.25	9.01	Average	100	38
7	11000.00	55.71	74.00	-18.29	46.70	9.01	Peak	100	38
8	16500.00	58.39	68.20	-9.81	51.60	6.79	Peak	100	55

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).
Note 3:"*" is Peak / Average value of fundamental frequency.



Modulation	ax HE20	Test Freq. (MHz)	5580																																																																																																				
Polarization	Horizontal																																																																																																						
Test By :Brad Wu Temperature(°C):23 Humidity(%):66																																																																																																							
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	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																																														
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8	11160.00	55.89	74.00	-18.11	47.52	8.37	Peak	100	57																																																																																														
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Modulation	ax HE20	Test Freq. (MHz)	5580
Polarization	Vertical		
Test By :Brad Wu Temperature(°C):23 Humidity(%):66			
Level (dBUV/m) </			



Modulation		ax HE20			Test Freq. (MHz)		5700		
Polarization		Horizontal							
Test By		:Brad Wu		Temperature(°C):24		Humidity(%):66			
Level (dBUV/m)									



Modulation	ax HE20		Test Freq. (MHz)		5700																																																																																																								
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		Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																																																																																			
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Modulation	ax HE20	Test Freq. (MHz)	5720						
Polarization	Horizontal								
Test By :Brad Wu Temperature(°C):23 Humidity(%):66									
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	43.52	54.00	-10.48	43.24	0.28	Average	100	5
2	5460.00	57.08	74.00	-16.92	56.80	0.28	Peak	100	5
3	5470.00	57.76	68.20	-10.44	57.47	0.29	Peak	100	5
4 *	5720.00	103.69			103.08	0.61	Average	100	5
5 *	5720.00	114.82			114.21	0.61	Peak	100	5
6	5850.00	57.64	68.20	-10.56	56.80	0.84	Peak	100	5
7	11440.00	43.91	54.00	-10.09	35.69	8.22	Average	100	58
8	11440.00	56.12	74.00	-17.88	47.90	8.22	Peak	100	58
9	17160.00	58.42	68.20	-9.78	52.49	5.93	Peak	100	32

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3:"*" is Peak / Average value of fundamental frequency.



Modulation	ax HE20	Test Freq. (MHz)	5720																																																																																																				
Polarization	Vertical																																																																																																						
Test By :Brad Wu Temperature(°C):23 Humidity(%):66																																																																																																							
Level (dBuV/m) UNII 1~2-PK UNII 1~2-AV 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>43.52</td><td>54.00</td><td>-10.48</td><td>43.24</td><td>0.28</td><td>Average</td><td>251</td><td>285</td></tr><tr><td>2</td><td>5460.00</td><td>57.24</td><td>74.00</td><td>-16.76</td><td>56.96</td><td>0.28</td><td>Peak</td><td>251</td><td>285</td></tr><tr><td>3</td><td>5470.00</td><td>57.81</td><td>68.20</td><td>-10.39</td><td>57.52</td><td>0.29</td><td>Peak</td><td>251</td><td>285</td></tr><tr><td>4 *</td><td>5720.00</td><td>102.31</td><td></td><td></td><td>101.70</td><td>0.61</td><td>Average</td><td>251</td><td>285</td></tr><tr><td>5 *</td><td>5720.00</td><td>114.32</td><td></td><td></td><td>113.71</td><td>0.61</td><td>Peak</td><td>251</td><td>285</td></tr><tr><td>6</td><td>5850.00</td><td>57.41</td><td>68.20</td><td>-10.79</td><td>56.57</td><td>0.84</td><td>Peak</td><td>251</td><td>285</td></tr><tr><td>7</td><td>11440.00</td><td>43.26</td><td>54.00</td><td>-10.74</td><td>35.04</td><td>8.22</td><td>Average</td><td>100</td><td>48</td></tr><tr><td>8</td><td>11440.00</td><td>55.92</td><td>74.00</td><td>-18.08</td><td>47.70</td><td>8.22</td><td>Peak</td><td>100</td><td>48</td></tr><tr><td>9</td><td>17160.00</td><td>58.29</td><td>68.20</td><td>-9.91</td><td>52.36</td><td>5.93</td><td>Peak</td><td>100</td><td>43</td></tr></tbody></table> Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m). Note 3:"*" is Peak / Average value of fundamental frequency.					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	43.52	54.00	-10.48	43.24	0.28	Average	251	285	2	5460.00	57.24	74.00	-16.76	56.96	0.28	Peak	251	285	3	5470.00	57.81	68.20	-10.39	57.52	0.29	Peak	251	285	4 *	5720.00	102.31			101.70	0.61	Average	251	285	5 *	5720.00	114.32			113.71	0.61	Peak	251	285	6	5850.00	57.41	68.20	-10.79	56.57	0.84	Peak	251	285	7	11440.00	43.26	54.00	-10.74	35.04	8.22	Average	100	48	8	11440.00	55.92	74.00	-18.08	47.70	8.22	Peak	100	48	9	17160.00	58.29	68.20	-9.91	52.36	5.93	Peak	100	43
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																																														
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Modulation	ax HE20	Test Freq. (MHz)	5745																																																																																																																								
Polarization	Horizontal																																																																																																																										
Test By :Brad Wu		Temperature(°C):24	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>5586.00</td><td>59.15</td><td>68.20</td><td>-9.05</td><td>58.72</td><td>0.43</td><td>Peak</td><td>100</td><td>352</td></tr><tr><td>2</td><td>5650.00</td><td>58.67</td><td>68.20</td><td>-9.53</td><td>58.33</td><td>0.34</td><td>Peak</td><td>100</td><td>352</td></tr><tr><td>3</td><td>5700.00</td><td>65.31</td><td>105.20</td><td>-39.89</td><td>64.75</td><td>0.56</td><td>Peak</td><td>100</td><td>352</td></tr><tr><td>4</td><td>5720.00</td><td>82.44</td><td>110.80</td><td>-28.36</td><td>81.83</td><td>0.61</td><td>Peak</td><td>100</td><td>352</td></tr><tr><td>5</td><td>5725.00</td><td>88.70</td><td>122.20</td><td>-33.50</td><td>88.07</td><td>0.63</td><td>Peak</td><td>100</td><td>352</td></tr><tr><td>6 *</td><td>5745.00</td><td>108.66</td><td></td><td></td><td>107.98</td><td>0.68</td><td>Average</td><td>100</td><td>352</td></tr><tr><td>7 *</td><td>5745.00</td><td>120.68</td><td></td><td></td><td>120.00</td><td>0.68</td><td>Peak</td><td>100</td><td>352</td></tr><tr><td>8</td><td>5925.00</td><td>57.72</td><td>68.20</td><td>-10.48</td><td>56.58</td><td>1.14</td><td>Peak</td><td>100</td><td>352</td></tr><tr><td>9</td><td>11490.00</td><td>48.24</td><td>54.00</td><td>-5.76</td><td>39.93</td><td>8.31</td><td>Average</td><td>100</td><td>76</td></tr><tr><td>10</td><td>11490.00</td><td>62.09</td><td>74.00</td><td>-11.91</td><td>53.78</td><td>8.31</td><td>Peak</td><td>100</td><td>76</td></tr><tr><td>11</td><td>17235.00</td><td>59.36</td><td>68.20</td><td>-8.84</td><td>53.54</td><td>5.82</td><td>Peak</td><td>100</td><td>24</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	5586.00	59.15	68.20	-9.05	58.72	0.43	Peak	100	352	2	5650.00	58.67	68.20	-9.53	58.33	0.34	Peak	100	352	3	5700.00	65.31	105.20	-39.89	64.75	0.56	Peak	100	352	4	5720.00	82.44	110.80	-28.36	81.83	0.61	Peak	100	352	5	5725.00	88.70	122.20	-33.50	88.07	0.63	Peak	100	352	6 *	5745.00	108.66			107.98	0.68	Average	100	352	7 *	5745.00	120.68			120.00	0.68	Peak	100	352	8	5925.00	57.72	68.20	-10.48	56.58	1.14	Peak	100	352	9	11490.00	48.24	54.00	-5.76	39.93	8.31	Average	100	76	10	11490.00	62.09	74.00	-11.91	53.78	8.31	Peak	100	76	11	17235.00	59.36	68.20	-8.84	53.54	5.82	Peak	100	24
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Modulation	ax HE20	Test Freq. (MHz)	5745
Polarization	Vertical		
Test By :Brad Wu Temperature(°C):24 Humidity(%):66			
Level (dBUV/m)			



Modulation	ax HE20	Test Freq. (MHz)	5785																																																																																
Polarization	Horizontal																																																																																		
Test By :Brad Wu Temperature(°C):23 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>5650.00</td><td>57.68</td><td>68.20</td><td>-10.52</td><td>57.34</td><td>0.34</td><td>Peak</td><td>100</td><td>12</td></tr><tr><td>2 *</td><td>5785.00</td><td>108.33</td><td></td><td></td><td>107.70</td><td>0.63</td><td>Average</td><td>100</td><td>12</td></tr><tr><td>3 *</td><td>5785.00</td><td>119.45</td><td></td><td></td><td>118.82</td><td>0.63</td><td>Peak</td><td>100</td><td>12</td></tr><tr><td>4</td><td>5925.00</td><td>57.94</td><td>68.20</td><td>-10.26</td><td>56.80</td><td>1.14</td><td>Peak</td><td>100</td><td>12</td></tr><tr><td>5</td><td>11570.00</td><td>47.64</td><td>54.00</td><td>-6.36</td><td>39.38</td><td>8.26</td><td>Average</td><td>100</td><td>58</td></tr><tr><td>6</td><td>11570.00</td><td>61.25</td><td>74.00</td><td>-12.75</td><td>52.99</td><td>8.26</td><td>Peak</td><td>100</td><td>58</td></tr><tr><td>7</td><td>17355.00</td><td>59.26</td><td>68.20</td><td>-8.94</td><td>53.08</td><td>6.18</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	5650.00	57.68	68.20	-10.52	57.34	0.34	Peak	100	12	2 *	5785.00	108.33			107.70	0.63	Average	100	12	3 *	5785.00	119.45			118.82	0.63	Peak	100	12	4	5925.00	57.94	68.20	-10.26	56.80	1.14	Peak	100	12	5	11570.00	47.64	54.00	-6.36	39.38	8.26	Average	100	58	6	11570.00	61.25	74.00	-12.75	52.99	8.26	Peak	100	58	7	17355.00	59.26	68.20	-8.94	53.08	6.18	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																																																																										
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Modulation	ax HE20	Test Freq. (MHz)	5785																																																																																
Polarization	Vertical																																																																																		
Test By :Brad Wu Temperature(°C):23 Humidity(%):65																																																																																			
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	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																										
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Modulation	ax HE20	Test Freq. (MHz)	5825
Polarization	Horizontal		
Test By :Brad Wu Temperature(°C):24 Humidity(%):66			
Level (dBUV/m) </			



Modulation	ax HE20	Test Freq. (MHz)	5825						
Polarization	Vertical								
Test By :Brad Wu Temperature(°C):24 Humidity(%):66									
Level (dBUV/m) 90 80 70 60 50 40 30 20 10 0 1000. 6000. 10000. 14000. 18000. 22000. 26000. 30000. 34000. 40000 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	5650.00	58.16	68.20	-10.04	57.82	0.34	Peak	262	283
2 *	5825.00	107.11			106.38	0.73	Average	262	283
3 *	5825.00	118.25			117.52	0.73	Peak	262	283
4	5850.00	76.41	122.20	-45.79	75.57	0.84	Peak	262	283
5	5855.00	73.46	110.80	-37.34	72.60	0.86	Peak	262	283
6	5875.00	62.29	105.20	-42.91	61.33	0.96	Peak	262	283
7	5925.00	58.44	68.20	-9.76	57.30	1.14	Peak	262	283
8	11650.00	49.72	54.00	-4.28	41.74	7.98	Average	103	5
9	11650.00	63.58	74.00	-10.42	55.60	7.98	Peak	103	5
10	17475.00	58.12	68.20	-10.08	51.48	6.64	Peak	100	9

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).
Note 3:"*" is Peak / Average value of fundamental frequency.



Unwanted Emissions (Above 1GHz) for ax HE40

Modulation	ax HE40		Test Freq. (MHz)	5190	
Polarization	Horizontal				
Test By :Brad Wu Temperature(°C):24 Humidity(%):66					
Level (dBuV/m)					



Modulation	ax HE40	Test Freq. (MHz)	5190																																																																															
Polarization	Vertical																																																																																	
Test By :Brad Wu Temperature(°C):24 Humidity(%):66																																																																																		
<table><thead><tr><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>52.82</td><td>54.00</td><td>-1.18</td><td>52.40</td><td>0.42</td><td>Average</td><td>269</td><td>321</td></tr><tr><td>2</td><td>5150.00</td><td>66.11</td><td>74.00</td><td>-7.89</td><td>65.69</td><td>0.42</td><td>Peak</td><td>269</td><td>321</td></tr><tr><td>3 *</td><td>5190.00</td><td>103.66</td><td></td><td></td><td>103.40</td><td>0.26</td><td>Average</td><td>269</td><td>321</td></tr><tr><td>4 *</td><td>5190.00</td><td>115.41</td><td></td><td></td><td>115.15</td><td>0.26</td><td>Peak</td><td>269</td><td>321</td></tr><tr><td>5</td><td>10380.00</td><td>55.34</td><td>68.20</td><td>-12.86</td><td>47.21</td><td>8.13</td><td>Peak</td><td>100</td><td>56</td></tr><tr><td>6</td><td>15570.00</td><td>43.22</td><td>54.00</td><td>-10.78</td><td>37.87</td><td>5.35</td><td>Average</td><td>100</td><td>229</td></tr><tr><td>7</td><td>15570.00</td><td>56.14</td><td>74.00</td><td>-17.86</td><td>50.79</td><td>5.35</td><td>Peak</td><td>100</td><td>229</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	52.82	54.00	-1.18	52.40	0.42	Average	269	321	2	5150.00	66.11	74.00	-7.89	65.69	0.42	Peak	269	321	3 *	5190.00	103.66			103.40	0.26	Average	269	321	4 *	5190.00	115.41			115.15	0.26	Peak	269	321	5	10380.00	55.34	68.20	-12.86	47.21	8.13	Peak	100	56	6	15570.00	43.22	54.00	-10.78	37.87	5.35	Average	100	229	7	15570.00	56.14	74.00	-17.86	50.79	5.35	Peak	100	229
Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																										
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Modulation	ax HE40	Test Freq. (MHz)	5230
Polarization	Horizontal		
Test By :Brad Wu Temperature(°C):24 Humidity(%):66			
Level (dBuV/m) </			



Modulation	ax HE40	Test Freq. (MHz)	5230																																																																																																				
Polarization	Vertical																																																																																																						
Test By :Brad Wu Temperature(°C):24 Humidity(%):66																																																																																																							
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Modulation	ax HE40	Test Freq. (MHz)	5270
Polarization	Horizontal		
Test By :Brad Wu Temperature(°C):23 Humidity(%):65			
Level (dBuV/m)			



Modulation	ax HE40	Test Freq. (MHz)	5270																																																																																																				
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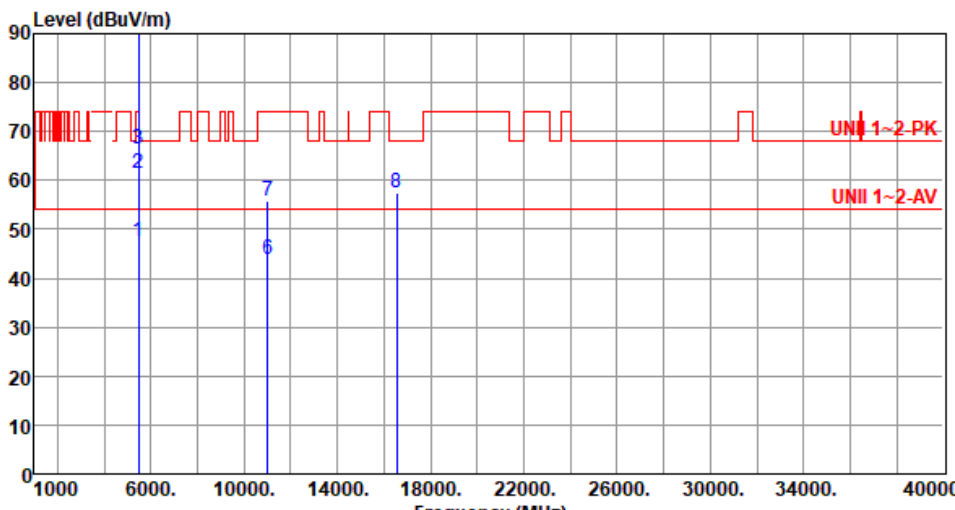


Modulation		ax HE40			Test Freq. (MHz)		5310			
Polarization		Horizontal								
Test By		:Brad Wu			Temperature(°C):24		Humidity(%):66			
Level (dBuV/m) </										



Modulation		ax HE40			Test Freq. (MHz)		5310			
Polarization		Vertical								
Test By		:Brad Wu		Temperature(°C):24		Humidity(%):66				
Level (dBuV/m)										



Modulation	ax HE40	Test Freq. (MHz)	5510																																																																																										
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Modulation	ax HE40	Test Freq. (MHz)	5590
Polarization	Horizontal		
Test By :Brad Wu Temperature(°C):23 Humidity(%):65			
Level (dBUV/m) <			



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Modulation		ax HE40		Test Freq. (MHz)		5670			
Polarization		Horizontal							
Test By		:Brad Wu		Temperature(°C):24		Humidity(%):66			
Level (dBuV/m)									



Modulation		ax HE40			Test Freq. (MHz)		5670			
Polarization		Vertical								
Test By		:Brad Wu		Temperature(°C):24		Humidity(%):66				
Level (dBuV/m) <										



Modulation	ax HE40	Test Freq. (MHz)	5710
Polarization	Horizontal		
Test By :Brad Wu Temperature(°C):23 Humidity(%):65			
Level (dBuV/m) <			



Modulation	ax HE40	Test Freq. (MHz)	5710																																																																																																				
Polarization	Vertical																																																																																																						
Test By :Brad Wu Temperature(°C):23 Humidity(%):65																																																																																																							
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Modulation	ax HE40	Test Freq. (MHz)	5755																																																																																																														
Polarization	Horizontal																																																																																																																
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Modulation	ax HE40	Test Freq. (MHz)	5755																																																																																																														
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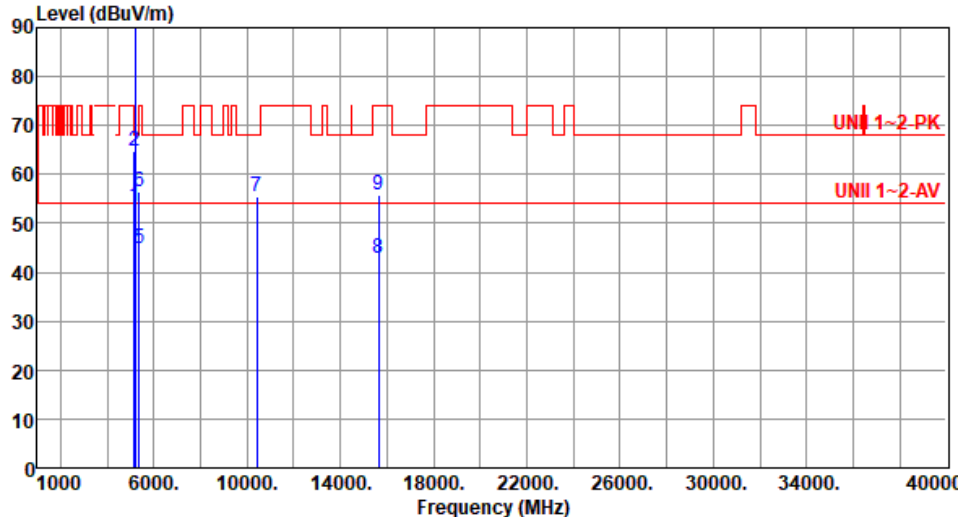


Modulation	ax HE40	Test Freq. (MHz)	5795
Polarization	Horizontal		
Test By :Brad Wu Temperature(°C):24 Humidity(%):66			
Level (dBUV/m)			



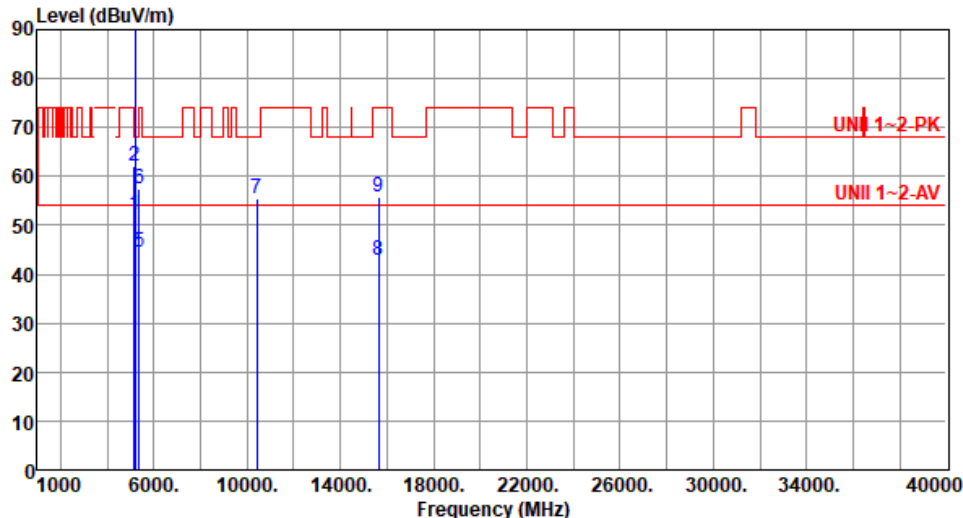
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Test By :Brad Wu Temperature(°C):24 Humidity(%):66																																																																																																																	
Level (dBUV/m) UNII 3-PK UNII 3-AV Frequency (MHz) <table><tr><th></th><th>Freq. MHz</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>5650.00</td><td>59.35</td><td>68.20</td><td>-8.85</td><td>59.01</td><td>0.34</td><td>Peak</td><td>262</td><td>285</td></tr><tr><td>2 *</td><td>5795.00</td><td>107.70</td><td></td><td></td><td>107.08</td><td>0.62</td><td>Average</td><td>262</td><td>285</td></tr><tr><td>3 *</td><td>5795.00</td><td>118.50</td><td></td><td></td><td>117.88</td><td>0.62</td><td>Peak</td><td>262</td><td>285</td></tr><tr><td>4</td><td>5850.00</td><td>73.06</td><td>122.20</td><td>-49.14</td><td>72.22</td><td>0.84</td><td>Peak</td><td>262</td><td>285</td></tr><tr><td>5</td><td>5855.00</td><td>71.52</td><td>110.80</td><td>-39.28</td><td>70.66</td><td>0.86</td><td>Peak</td><td>262</td><td>285</td></tr><tr><td>6</td><td>5875.00</td><td>65.52</td><td>105.20</td><td>-39.68</td><td>64.56</td><td>0.96</td><td>Peak</td><td>262</td><td>285</td></tr><tr><td>7</td><td>5925.00</td><td>58.35</td><td>68.20</td><td>-9.85</td><td>57.21</td><td>1.14</td><td>Peak</td><td>262</td><td>285</td></tr><tr><td>8</td><td>11590.00</td><td>48.92</td><td>54.00</td><td>-5.08</td><td>40.68</td><td>8.24</td><td>Average</td><td>100</td><td>19</td></tr><tr><td>9</td><td>11590.00</td><td>61.51</td><td>74.00</td><td>-12.49</td><td>53.27</td><td>8.24</td><td>Peak</td><td>100</td><td>19</td></tr><tr><td>10</td><td>17385.00</td><td>58.39</td><td>68.20</td><td>-9.81</td><td>51.99</td><td>6.40</td><td>Peak</td><td>100</td><td>52</td></tr></table> Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m). Note 3:"*" is Peak / Average value of fundamental frequency.					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	59.35	68.20	-8.85	59.01	0.34	Peak	262	285	2 *	5795.00	107.70			107.08	0.62	Average	262	285	3 *	5795.00	118.50			117.88	0.62	Peak	262	285	4	5850.00	73.06	122.20	-49.14	72.22	0.84	Peak	262	285	5	5855.00	71.52	110.80	-39.28	70.66	0.86	Peak	262	285	6	5875.00	65.52	105.20	-39.68	64.56	0.96	Peak	262	285	7	5925.00	58.35	68.20	-9.85	57.21	1.14	Peak	262	285	8	11590.00	48.92	54.00	-5.08	40.68	8.24	Average	100	19	9	11590.00	61.51	74.00	-12.49	53.27	8.24	Peak	100	19	10	17385.00	58.39	68.20	-9.81	51.99	6.40	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	5650.00	59.35	68.20	-8.85	59.01	0.34	Peak	262	285																																																																																																								
2 *	5795.00	107.70			107.08	0.62	Average	262	285																																																																																																								
3 *	5795.00	118.50			117.88	0.62	Peak	262	285																																																																																																								
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Unwanted Emissions (Above 1GHz) for ax HE80

Modulation	ax HE80		Test Freq. (MHz)		5210				
Polarization	Horizontal								
Test By :Brad Wu Temperature(°C):24 Humidity(%):66									
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	53.51	54.00	-0.49	53.09	0.42	Average	118	350
2	5150.00	64.74	74.00	-9.26	64.32	0.42	Peak	118	350
3 *	5210.00	97.98			97.84	0.14	Average	118	350
4 *	5210.00	108.18			108.04	0.14	Peak	118	350
5	5350.00	44.79	54.00	-9.21	45.05	-0.26	Average	118	350
6	5350.00	56.59	74.00	-17.41	56.85	-0.26	Peak	118	350
7	10420.00	55.45	68.20	-12.75	47.28	8.17	Peak	100	31
8	15630.00	42.81	54.00	-11.19	37.64	5.17	Average	100	56
9	15630.00	55.75	74.00	-18.25	50.58	5.17	Peak	100	56

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).
Note 3:"*" is Peak / Average value of fundamental frequency.



Modulation	ax HE80	Test Freq. (MHz)	5210						
Polarization	Vertical								
Test By :Brad Wu Temperature(°C):24 Humidity(%):66									
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	51.98	54.00	-2.02	51.56	0.42	Average	264	320
2	5150.00	62.16	74.00	-11.84	61.74	0.42	Peak	264	320
3 *	5210.00	97.65			97.51	0.14	Average	264	320
4 *	5210.00	107.40			107.26	0.14	Peak	264	320
5	5350.00	44.61	54.00	-9.39	44.87	-0.26	Average	264	320
6	5350.00	57.32	74.00	-16.68	57.58	-0.26	Peak	264	320
7	10420.00	55.44	68.20	-12.76	47.27	8.17	Peak	100	33
8	15630.00	42.85	54.00	-11.15	37.68	5.17	Average	100	21
9	15630.00	55.74	74.00	-18.26	50.57	5.17	Peak	100	21

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3:"*" is Peak / Average value of fundamental frequency.



Modulation	ax HE80	Test Freq. (MHz)	5290																																																																																																				
Polarization	Horizontal																																																																																																						
Test By :Brad Wu Temperature(°C):24 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>5150.00</td><td>45.93</td><td>54.00</td><td>-8.07</td><td>45.51</td><td>0.42</td><td>Average</td><td>120</td><td>346</td></tr><tr><td>2</td><td>5150.00</td><td>57.90</td><td>74.00</td><td>-16.10</td><td>57.48</td><td>0.42</td><td>Peak</td><td>120</td><td>346</td></tr><tr><td>3 *</td><td>5290.00</td><td>100.39</td><td></td><td></td><td>100.64</td><td>-0.25</td><td>Average</td><td>120</td><td>346</td></tr><tr><td>4 *</td><td>5290.00</td><td>111.20</td><td></td><td></td><td>111.45</td><td>-0.25</td><td>Peak</td><td>120</td><td>346</td></tr><tr><td>5</td><td>5350.00</td><td>53.59</td><td>54.00</td><td>-0.41</td><td>53.85</td><td>-0.26</td><td>Average</td><td>120</td><td>346</td></tr><tr><td>6</td><td>5350.00</td><td>63.99</td><td>74.00</td><td>-10.01</td><td>64.25</td><td>-0.26</td><td>Peak</td><td>120</td><td>346</td></tr><tr><td>7</td><td>10580.00</td><td>55.16</td><td>68.20</td><td>-13.04</td><td>46.86</td><td>8.30</td><td>Peak</td><td>100</td><td>53</td></tr><tr><td>8</td><td>15870.00</td><td>42.93</td><td>54.00</td><td>-11.07</td><td>37.92</td><td>5.01</td><td>Average</td><td>100</td><td>32</td></tr><tr><td>9</td><td>15870.00</td><td>55.49</td><td>74.00</td><td>-18.51</td><td>50.48</td><td>5.01</td><td>Peak</td><td>100</td><td>32</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	45.93	54.00	-8.07	45.51	0.42	Average	120	346	2	5150.00	57.90	74.00	-16.10	57.48	0.42	Peak	120	346	3 *	5290.00	100.39			100.64	-0.25	Average	120	346	4 *	5290.00	111.20			111.45	-0.25	Peak	120	346	5	5350.00	53.59	54.00	-0.41	53.85	-0.26	Average	120	346	6	5350.00	63.99	74.00	-10.01	64.25	-0.26	Peak	120	346	7	10580.00	55.16	68.20	-13.04	46.86	8.30	Peak	100	53	8	15870.00	42.93	54.00	-11.07	37.92	5.01	Average	100	32	9	15870.00	55.49	74.00	-18.51	50.48	5.01	Peak	100	32
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																																														
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7	10580.00	55.16	68.20	-13.04	46.86	8.30	Peak	100	53																																																																																														
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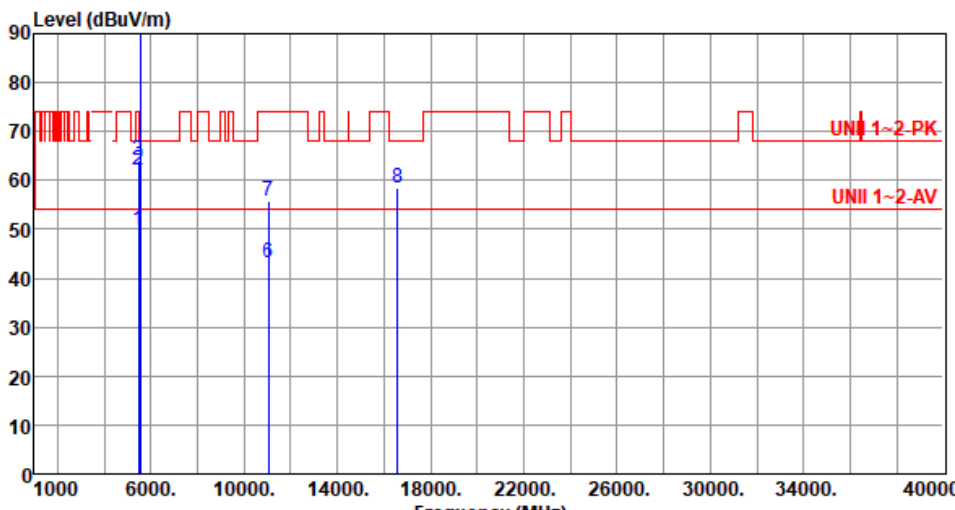


Modulation	ax HE80	Test Freq. (MHz)	5290																																																																																																				
Polarization	Vertical																																																																																																						
Test By :Brad Wu Temperature(°C):24 Humidity(%):66																																																																																																							
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	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																																														
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Modulation	ax HE80	Test Freq. (MHz)	5530
Polarization	Horizontal		
Test By :Brad Wu Temperature(°C):24 Humidity(%):66			
Level (dBUV/m)			



Modulation	ax HE80	Test Freq. (MHz)	5530																																																																																											
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5 *	5530.00	108.28			107.84	0.44	Peak	269	311																																																																																					
6	11060.00	43.26	54.00	-10.74	34.51	8.75	Average	100	22																																																																																					
7	11060.00	55.74	74.00	-18.26	46.99	8.75	Peak	100	22																																																																																					
8	16590.00	58.29	68.20	-9.91	52.17	6.12	Peak	100	53																																																																																					
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m). Note 3:"*" is Peak / Average value of fundamental frequency.																																																																																														



Modulation		ax HE80		Test Freq. (MHz)		5610				
Polarization		Horizontal								
Test By		:Brad Wu		Temperature(°C):24		Humidity(%):66				
Level (dBuV/m)										

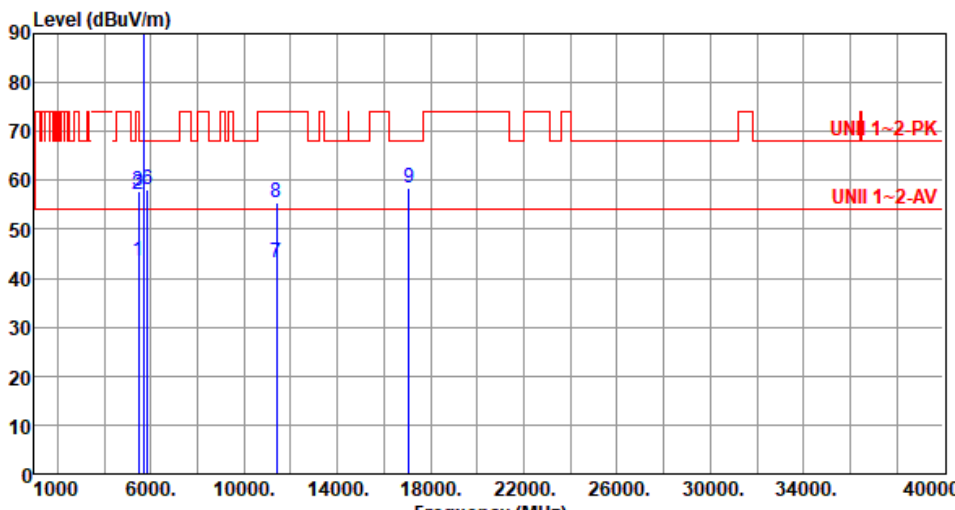


Modulation		ax HE80		Test Freq. (MHz)		5610				
Polarization		Vertical								
Test By		:Brad Wu		Temperature(°C):24		Humidity(%):66				
Level (dBuV/m) <										

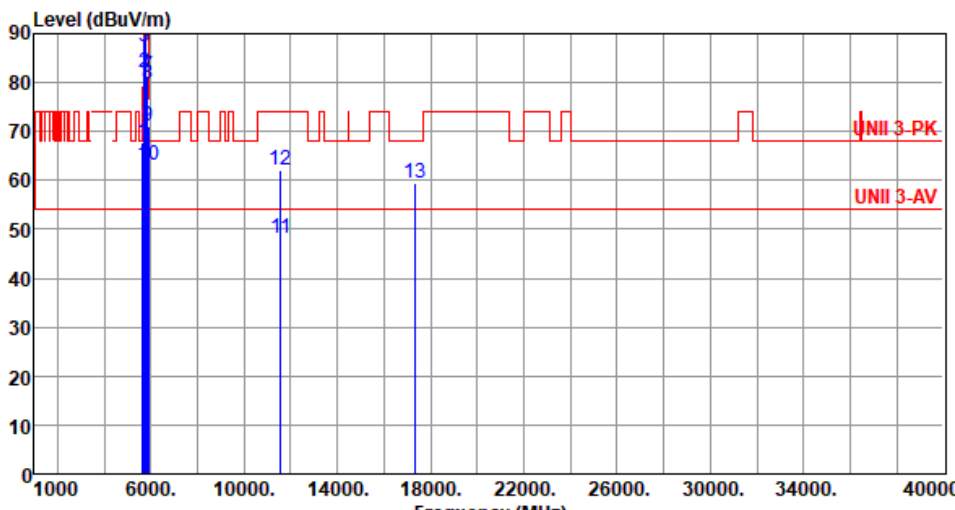


Modulation	ax HE80	Test Freq. (MHz)	5690																																																																																																				
Polarization	Horizontal																																																																																																						
Test By :Brad Wu Temperature(°C):23 Humidity(%):65																																																																																																							
Level (dBUV/m) UNII 1~2-PK UNII 1~2-AV <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>43.64</td><td>54.00</td><td>-10.36</td><td>43.36</td><td>0.28</td><td>Average</td><td>100</td><td>11</td></tr><tr><td>2</td><td>5460.00</td><td>57.38</td><td>74.00</td><td>-16.62</td><td>57.10</td><td>0.28</td><td>Peak</td><td>100</td><td>11</td></tr><tr><td>3</td><td>5470.00</td><td>57.74</td><td>68.20</td><td>-10.46</td><td>57.45</td><td>0.29</td><td>Peak</td><td>100</td><td>11</td></tr><tr><td>4 *</td><td>5690.00</td><td>100.38</td><td></td><td></td><td>99.87</td><td>0.51</td><td>Average</td><td>100</td><td>11</td></tr><tr><td>5 *</td><td>5690.00</td><td>110.25</td><td></td><td></td><td>109.74</td><td>0.51</td><td>Peak</td><td>100</td><td>11</td></tr><tr><td>6</td><td>5850.00</td><td>58.02</td><td>68.20</td><td>-10.18</td><td>57.18</td><td>0.84</td><td>Peak</td><td>100</td><td>11</td></tr><tr><td>7</td><td>11380.00</td><td>43.65</td><td>54.00</td><td>-10.35</td><td>35.48</td><td>8.17</td><td>Average</td><td>100</td><td>42</td></tr><tr><td>8</td><td>11380.00</td><td>55.79</td><td>74.00</td><td>-18.21</td><td>47.62</td><td>8.17</td><td>Peak</td><td>100</td><td>42</td></tr><tr><td>9</td><td>17070.00</td><td>58.33</td><td>68.20</td><td>-9.87</td><td>52.18</td><td>6.15</td><td>Peak</td><td>100</td><td>20</td></tr></tbody></table> Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m). Note 3: "*" is Peak / Average value of fundamental frequency.					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	43.64	54.00	-10.36	43.36	0.28	Average	100	11	2	5460.00	57.38	74.00	-16.62	57.10	0.28	Peak	100	11	3	5470.00	57.74	68.20	-10.46	57.45	0.29	Peak	100	11	4 *	5690.00	100.38			99.87	0.51	Average	100	11	5 *	5690.00	110.25			109.74	0.51	Peak	100	11	6	5850.00	58.02	68.20	-10.18	57.18	0.84	Peak	100	11	7	11380.00	43.65	54.00	-10.35	35.48	8.17	Average	100	42	8	11380.00	55.79	74.00	-18.21	47.62	8.17	Peak	100	42	9	17070.00	58.33	68.20	-9.87	52.18	6.15	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																																																																																														
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Modulation	ax HE80	Test Freq. (MHz)	5690																																																																																																				
Polarization	Vertical																																																																																																						
Test By :Brad Wu Temperature(°C):23 Humidity(%):65																																																																																																							
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Modulation	ax HE80	Test Freq. (MHz)	5775																																																																																																																																												
Polarization	Horizontal																																																																																																																																														
Test By :Brad Wu Temperature(°C):24 Humidity(%):66																																																																																																																																															
																																																																																																																																															
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Modulation	ax HE80	Test Freq. (MHz)	5775
Polarization	Vertical		
Test By :Brad Wu Temperature(°C):24 Humidity(%):66			
Level (dBuV/m) <			



Modulation	ax HE160	Test Freq. (MHz)	5250
Polarization	Horizontal		
Test By :Sean Yu Temperature(°C):24 Humidity(%):66			
Level (dBUV/m)			



Modulation	ax HE160	Test Freq. (MHz)	5250
Polarization	Vertical		
Test By :Sean Yu Temperature(°C):24 Humidity(%):66			
Level (dBuV/m)			



Modulation	ax HE160	Test Freq. (MHz)	5570
Polarization	Horizontal		
Test By :Sean Yu Temperature(°C):24 Humidity(%):66			
Level (dBuV/m) <			

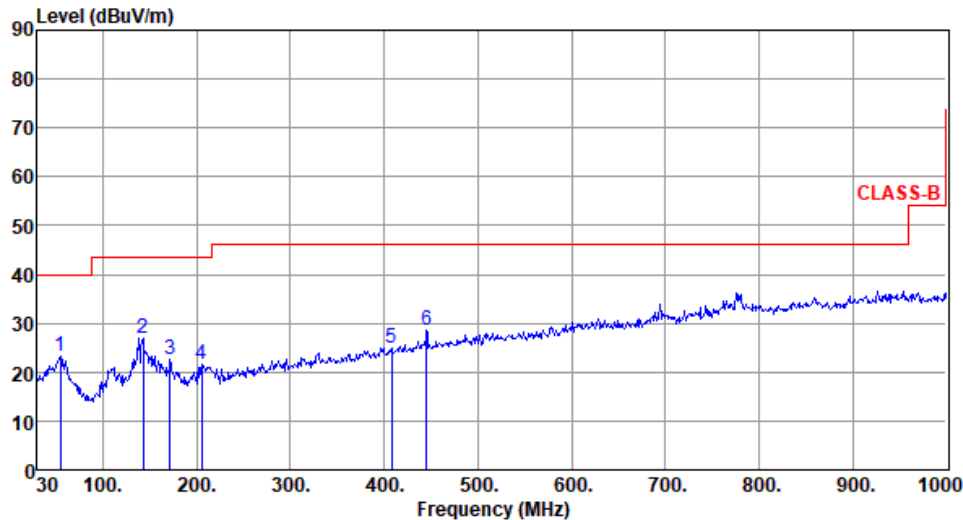


Modulation	ax HE160	Test Freq. (MHz)	5570																																																																																																				
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Configuration 2: POE mode

Unwanted Emissions (Below 1GHz)

Modulation	ax HE20	Test Freq. (MHz)	5240																																																																						
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Test By :Brad Wu Temperature(°C):23 Humidity(%):64																																																																									
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Test By :Brad Wu			Temperature(°C):23			Humidity(%):64																																																																																													
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Test By :Brad Wu			Temperature(°C):23			Humidity(%):64																																																																																													
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Frequency: 5200 MHz	Frequency Drift (ppm)			
Temperature (°C)	0 minute	2 minutes	5 minutes	10 minutes
T20°C Vmax	0.07	0.75	0.04	0.94
T20°C Vmin	0.06	0.83	0.25	0.35
T50°C Vnom	-9.06	-9.46	-8.62	-8.45
T40°C Vnom	-4.65	-5.15	-4.00	-4.43
T30°C Vnom	-1.40	-1.20	-1.25	-0.94
T20°C Vnom	0.02	0.16	-0.42	0.62
T10°C Vnom	0.05	0.27	0.15	0.50
T0°C Vnom	0.36	0.91	0.44	0.75
T-10°C Vnom	3.07	2.58	2.75	3.51
T-20°C Vnom	3.72	3.80	4.04	3.85
T-30°C Vnom	5.56	5.68	5.37	5.55
Vnom [V]: 120	Vmax [V]: 138		Vmin [V]: 102	
Tnom [°C]: 20	Tmax [°C]: 50		Tmin [°C]: -30	

Frequency: 5785 MHz	Frequency Drift (ppm)			
Temperature (°C)	0 minute	2 minutes	5 minutes	10 minutes
T20°C Vmax	0.04	0.05	0.28	0.69
T20°C Vmin	0.05	-0.02	-0.01	0.04
T50°C Vnom	-8.88	-8.61	-8.55	-8.90
T40°C Vnom	-6.97	-6.95	-6.86	-6.90
T30°C Vnom	-2.87	-2.31	-2.82	-2.42
T20°C Vnom	0.02	-0.12	0.01	-0.28
T10°C Vnom	0.97	1.32	1.24	0.68
T0°C Vnom	2.13	2.49	2.35	2.13
T-10°C Vnom	2.75	3.17	3.41	3.09
T-20°C Vnom	3.38	3.14	3.48	3.51
T-30°C Vnom	3.65	3.55	3.90	3.93
Vnom [V]: 120	Vmax [V]: 138		Vmin [V]: 102	
Tnom [°C]: 20	Tmax [°C]: 50		Tmin [°C]: -30	



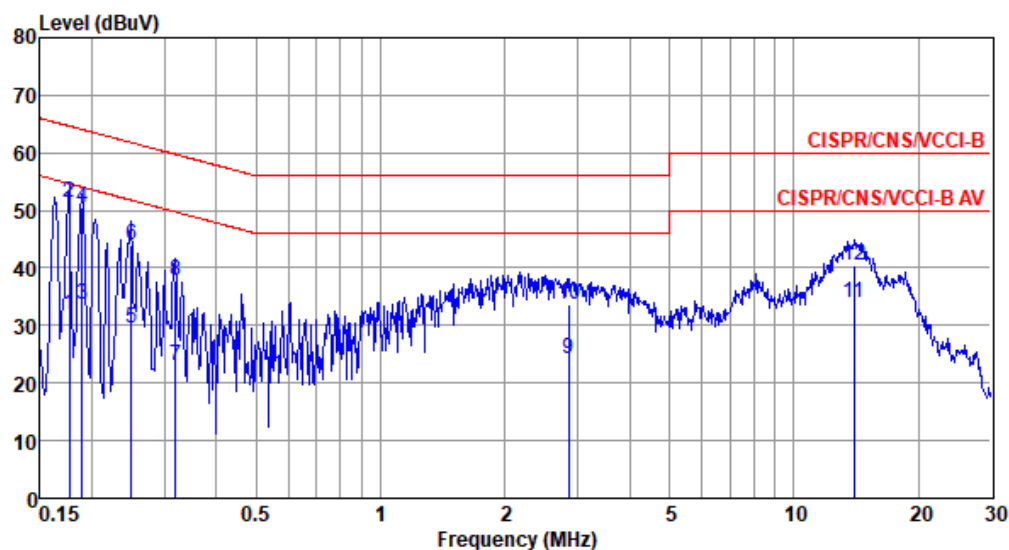
Configuration 1: Adapter mode

Modulation Mode	ax HE20	Test Freq. (MHz)	5240
Power Phase	Line		

Test by : Joe Liao

Temperature: 18°C

Humidity: 62%

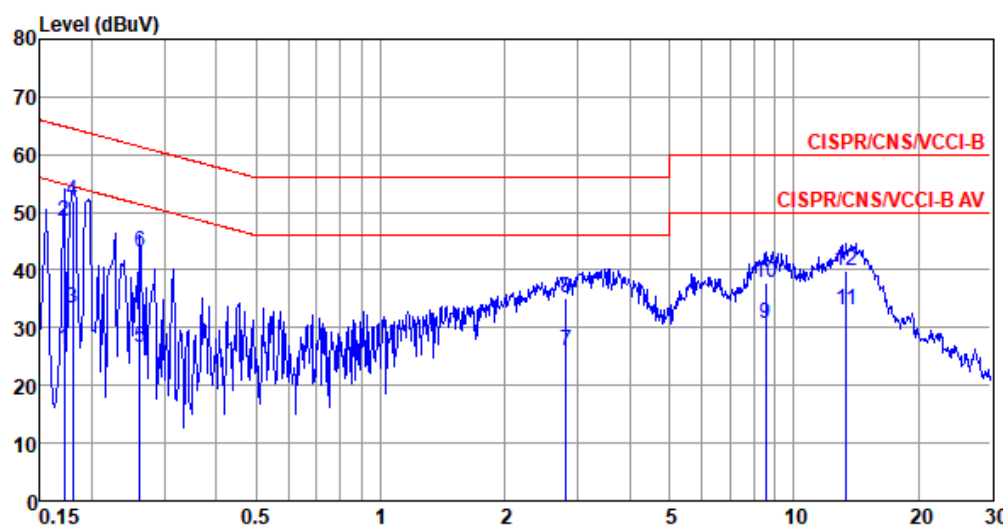


	Freq MHz	Level dBUV	Limit Line dBUV	Over Limit dB	Read Level dBUV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.177	31.77	54.64	-22.87	21.84	9.68	0.06	0.19	Average
2*	0.177	51.49	64.64	-13.15	41.56	9.68	0.06	0.19	QP
3	0.189	33.75	54.06	-20.31	23.82	9.68	0.06	0.19	Average
4	0.189	50.58	64.06	-13.48	40.65	9.68	0.06	0.19	QP
5	0.249	29.46	51.78	-22.32	19.49	9.68	0.06	0.23	Average
6	0.249	44.12	61.78	-17.66	34.15	9.68	0.06	0.23	QP
7	0.318	22.99	49.75	-26.76	13.00	9.67	0.06	0.26	Average
8	0.318	37.82	59.75	-21.93	27.83	9.67	0.06	0.26	QP
9	2.854	24.28	46.00	-21.72	14.03	9.70	0.16	0.39	Average
10	2.854	33.78	56.00	-22.22	23.53	9.70	0.16	0.39	QP
11	13.989	33.80	50.00	-16.20	23.15	9.74	0.43	0.48	Average
12	13.989	40.34	60.00	-19.66	29.69	9.74	0.43	0.48	QP

Note 1: Level (dBUV) = Read Level (dBUV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).

2: Over Limit (dB) = Level (dBUV) - Limit Line (dBUV).

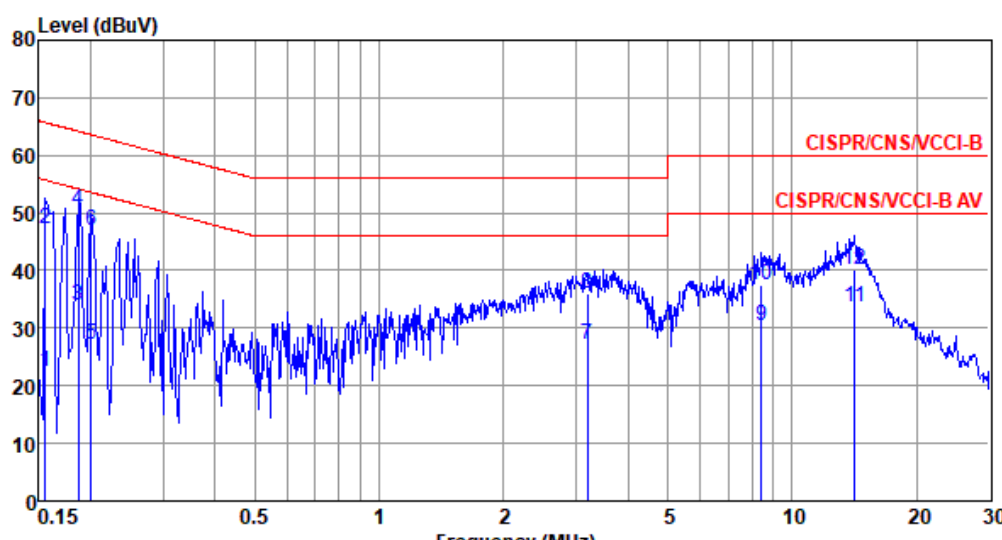


Modulation Mode	ax HE20	Test Freq. (MHz)	5240						
Power Phase	Neutral								
Test by : Joe Liao Temperature: 18°C Humidity: 62%									
Level (dBuV)  Frequency (MHz)									
	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.171	26.24	54.90	-28.66	16.39	9.61	0.06	0.18	Average
2	0.171	48.38	64.90	-16.52	38.53	9.61	0.06	0.18	QP
3	0.180	33.26	54.50	-21.24	23.40	9.61	0.06	0.19	Average
4*	0.180	51.89	64.50	-12.61	42.03	9.61	0.06	0.19	QP
5	0.262	26.54	51.38	-24.84	16.64	9.61	0.06	0.23	Average
6	0.262	43.08	61.38	-18.30	33.18	9.61	0.06	0.23	QP
7	2.809	25.99	46.00	-20.01	15.82	9.63	0.15	0.39	Average
8	2.809	35.00	56.00	-21.00	24.83	9.63	0.15	0.39	QP
9	8.546	30.71	50.00	-19.29	20.26	9.68	0.33	0.44	Average
10	8.546	37.69	60.00	-22.31	27.24	9.68	0.33	0.44	QP
11	13.408	33.20	50.00	-16.80	22.57	9.73	0.42	0.48	Average
12	13.408	39.72	60.00	-20.28	29.09	9.73	0.42	0.48	QP

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



Modulation Mode	ax HE40	Test Freq. (MHz)	5795																																																																																																																																		
Power Phase	Line																																																																																																																																				
Test by : Joe Liao Temperature: 18°C Humidity: 62%																																																																																																																																					
Level (dBUV) <table><thead><tr><th></th><th>Freq MHz</th><th>Level dBUV</th><th>Limit Line dBUV</th><th>Over Limit dB</th><th>Read Level dBUV</th><th>Factor dB</th><th>Cable loss dB</th><th>Aux dB</th><th>Remark</th></tr></thead><tbody><tr><td>1</td><td>0.150</td><td>22.98</td><td>56.00</td><td>-33.02</td><td>13.06</td><td>9.68</td><td>0.06</td><td>0.18</td><td>Average</td></tr><tr><td>2</td><td>0.150</td><td>47.61</td><td>66.00</td><td>-18.39</td><td>37.69</td><td>9.68</td><td>0.06</td><td>0.18</td><td>QP</td></tr><tr><td>3</td><td>0.162</td><td>23.24</td><td>55.34</td><td>-32.10</td><td>13.32</td><td>9.68</td><td>0.06</td><td>0.18</td><td>Average</td></tr><tr><td>4</td><td>0.162</td><td>46.65</td><td>65.34</td><td>-18.69</td><td>36.73</td><td>9.68</td><td>0.06</td><td>0.18</td><td>QP</td></tr><tr><td>5</td><td>0.246</td><td>29.04</td><td>51.91</td><td>-22.87</td><td>19.08</td><td>9.68</td><td>0.06</td><td>0.22</td><td>Average</td></tr><tr><td>6</td><td>0.246</td><td>44.77</td><td>61.91</td><td>-17.14</td><td>34.81</td><td>9.68</td><td>0.06</td><td>0.22</td><td>QP</td></tr><tr><td>7</td><td>2.261</td><td>24.69</td><td>46.00</td><td>-21.31</td><td>14.49</td><td>9.69</td><td>0.14</td><td>0.37</td><td>Average</td></tr><tr><td>8</td><td>2.261</td><td>34.91</td><td>56.00</td><td>-21.09</td><td>24.71</td><td>9.69</td><td>0.14</td><td>0.37</td><td>QP</td></tr><tr><td>9</td><td>8.192</td><td>25.19</td><td>50.00</td><td>-24.81</td><td>14.70</td><td>9.73</td><td>0.32</td><td>0.44</td><td>Average</td></tr><tr><td>10</td><td>8.192</td><td>32.29</td><td>60.00</td><td>-27.71</td><td>21.80</td><td>9.73</td><td>0.32</td><td>0.44</td><td>QP</td></tr><tr><td>11*</td><td>14.213</td><td>33.74</td><td>50.00</td><td>-16.26</td><td>23.10</td><td>9.73</td><td>0.43</td><td>0.48</td><td>Average</td></tr><tr><td>12</td><td>14.213</td><td>40.35</td><td>60.00</td><td>-19.65</td><td>29.71</td><td>9.73</td><td>0.43</td><td>0.48</td><td>QP</td></tr></tbody></table>					Freq MHz	Level dBUV	Limit Line dBUV	Over Limit dB	Read Level dBUV	Factor dB	Cable loss dB	Aux dB	Remark	1	0.150	22.98	56.00	-33.02	13.06	9.68	0.06	0.18	Average	2	0.150	47.61	66.00	-18.39	37.69	9.68	0.06	0.18	QP	3	0.162	23.24	55.34	-32.10	13.32	9.68	0.06	0.18	Average	4	0.162	46.65	65.34	-18.69	36.73	9.68	0.06	0.18	QP	5	0.246	29.04	51.91	-22.87	19.08	9.68	0.06	0.22	Average	6	0.246	44.77	61.91	-17.14	34.81	9.68	0.06	0.22	QP	7	2.261	24.69	46.00	-21.31	14.49	9.69	0.14	0.37	Average	8	2.261	34.91	56.00	-21.09	24.71	9.69	0.14	0.37	QP	9	8.192	25.19	50.00	-24.81	14.70	9.73	0.32	0.44	Average	10	8.192	32.29	60.00	-27.71	21.80	9.73	0.32	0.44	QP	11*	14.213	33.74	50.00	-16.26	23.10	9.73	0.43	0.48	Average	12	14.213	40.35	60.00	-19.65	29.71	9.73	0.43	0.48	QP
	Freq MHz	Level dBUV	Limit Line dBUV	Over Limit dB	Read Level dBUV	Factor dB	Cable loss dB	Aux dB	Remark																																																																																																																												
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Modulation Mode	ax HE40	Test Freq. (MHz)	5795																																																																																																																																												
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Test by : Joe Liao Temperature: 18°C Humidity: 62%																																																																																																																																															
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	Freq	Level	Limit	Over	Read	Factor	Cable	Aux	Remark																																																																																																																																						
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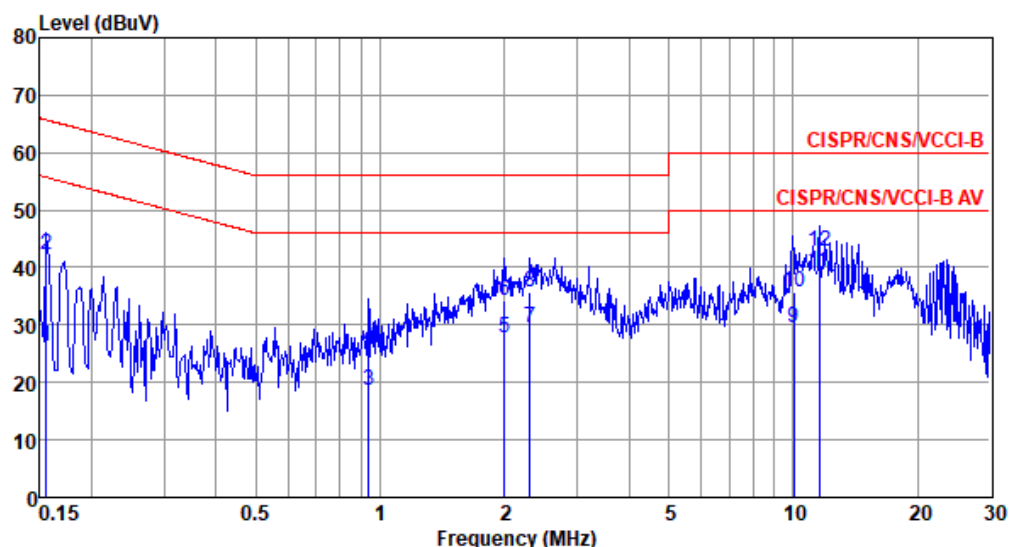
Configuration 2: POE mode

Modulation Mode	ax HE20	Test Freq. (MHz)	5240
Power Phase	Line		

Test by : Joe Liao

Temperature: 18°C

Humidity: 62%



	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.156	26.17	55.69	-29.52	16.43	9.68	0.06	0.00	Average
2	0.156	42.14	65.69	-23.55	32.40	9.68	0.06	0.00	QP
3	0.938	18.47	46.00	-27.53	8.68	9.68	0.11	0.00	Average
4	0.938	25.89	56.00	-30.11	16.10	9.68	0.11	0.00	QP
5	2.001	27.66	46.00	-18.34	17.84	9.69	0.13	0.00	Average
6	2.001	34.33	56.00	-21.67	24.51	9.69	0.13	0.00	QP
7	2.309	29.41	46.00	-16.59	19.58	9.69	0.14	0.00	Average
8	2.309	35.70	56.00	-20.30	25.87	9.69	0.14	0.00	QP
9	10.057	29.47	50.00	-20.53	19.37	9.74	0.36	0.00	Average
10	10.057	35.62	60.00	-24.38	25.52	9.74	0.36	0.00	QP
11*	11.548	39.14	50.00	-10.86	29.01	9.74	0.39	0.00	Average
12	11.548	42.79	60.00	-17.21	32.66	9.74	0.39	0.00	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).

2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).



Modulation Mode	ax HE20	Test Freq. (MHz)	5240																																																																																																																																												
Power Phase	Neutral																																																																																																																																														
Test by : Joe Liao Temperature: 18°C Humidity: 62%																																																																																																																																															
<table><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Over</th><th>Read</th><th>Factor</th><th>Cable</th><th>Aux</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV</th><th>Line</th><th>Limit</th><th>Level</th><th>dB</th><th>loss</th><th>dB</th><th></th></tr><tr><td>1</td><td>0.171</td><td>24.82</td><td>54.90</td><td>-30.08</td><td>15.15</td><td>9.61</td><td>0.06</td><td>0.00</td><td>Average</td></tr><tr><td>2</td><td>0.171</td><td>40.55</td><td>64.90</td><td>-24.35</td><td>30.88</td><td>9.61</td><td>0.06</td><td>0.00</td><td>QP</td></tr><tr><td>3</td><td>0.213</td><td>19.89</td><td>53.10</td><td>-33.21</td><td>10.22</td><td>9.61</td><td>0.06</td><td>0.00</td><td>Average</td></tr><tr><td>4</td><td>0.213</td><td>33.30</td><td>63.10</td><td>-29.80</td><td>23.63</td><td>9.61</td><td>0.06</td><td>0.00</td><td>QP</td></tr><tr><td>5</td><td>2.448</td><td>28.75</td><td>46.00</td><td>-17.25</td><td>18.98</td><td>9.63</td><td>0.14</td><td>0.00</td><td>Average</td></tr><tr><td>6</td><td>2.448</td><td>35.74</td><td>56.00</td><td>-20.26</td><td>25.97</td><td>9.63</td><td>0.14</td><td>0.00</td><td>QP</td></tr><tr><td>7</td><td>2.853</td><td>26.39</td><td>46.00</td><td>-19.61</td><td>16.60</td><td>9.63</td><td>0.16</td><td>0.00</td><td>Average</td></tr><tr><td>8</td><td>2.853</td><td>33.64</td><td>56.00</td><td>-22.36</td><td>23.85</td><td>9.63</td><td>0.16</td><td>0.00</td><td>QP</td></tr><tr><td>9</td><td>9.946</td><td>31.65</td><td>50.00</td><td>-18.35</td><td>21.60</td><td>9.69</td><td>0.36</td><td>0.00</td><td>Average</td></tr><tr><td>10</td><td>9.946</td><td>36.82</td><td>60.00</td><td>-23.18</td><td>26.77</td><td>9.69</td><td>0.36</td><td>0.00</td><td>QP</td></tr><tr><td>11*</td><td>11.933</td><td>38.98</td><td>50.00</td><td>-11.02</td><td>28.88</td><td>9.71</td><td>0.39</td><td>0.00</td><td>Average</td></tr><tr><td>12</td><td>11.933</td><td>41.94</td><td>60.00</td><td>-18.06</td><td>31.84</td><td>9.71</td><td>0.39</td><td>0.00</td><td>QP</td></tr></table>					Freq	Level	Limit	Over	Read	Factor	Cable	Aux	Remark		MHz	dBuV	Line	Limit	Level	dB	loss	dB		1	0.171	24.82	54.90	-30.08	15.15	9.61	0.06	0.00	Average	2	0.171	40.55	64.90	-24.35	30.88	9.61	0.06	0.00	QP	3	0.213	19.89	53.10	-33.21	10.22	9.61	0.06	0.00	Average	4	0.213	33.30	63.10	-29.80	23.63	9.61	0.06	0.00	QP	5	2.448	28.75	46.00	-17.25	18.98	9.63	0.14	0.00	Average	6	2.448	35.74	56.00	-20.26	25.97	9.63	0.14	0.00	QP	7	2.853	26.39	46.00	-19.61	16.60	9.63	0.16	0.00	Average	8	2.853	33.64	56.00	-22.36	23.85	9.63	0.16	0.00	QP	9	9.946	31.65	50.00	-18.35	21.60	9.69	0.36	0.00	Average	10	9.946	36.82	60.00	-23.18	26.77	9.69	0.36	0.00	QP	11*	11.933	38.98	50.00	-11.02	28.88	9.71	0.39	0.00	Average	12	11.933	41.94	60.00	-18.06	31.84	9.71	0.39	0.00	QP
	Freq	Level	Limit	Over	Read	Factor	Cable	Aux	Remark																																																																																																																																						
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Modulation Mode	ax HE40	Test Freq. (MHz)	5795																																																																																																																																		
Power Phase	Line																																																																																																																																				
Test by : Joe Liao Temperature: 18°C Humidity: 62%																																																																																																																																					
Level (dBuV) Frequency (MHz) <table><tr><th></th><th>Freq MHz</th><th>Level dBuV</th><th>Limit Line dBuV</th><th>Over Limit dB</th><th>Read Level dBuV</th><th>Factor dB</th><th>Cable loss dB</th><th>Aux dB</th><th>Remark</th></tr><tr><td>1</td><td>0.165</td><td>24.85</td><td>55.21</td><td>-30.36</td><td>15.11</td><td>9.68</td><td>0.06</td><td>0.00</td><td>Average</td></tr><tr><td>2</td><td>0.165</td><td>40.64</td><td>65.21</td><td>-24.57</td><td>30.90</td><td>9.68</td><td>0.06</td><td>0.00</td><td>QP</td></tr><tr><td>3</td><td>0.195</td><td>23.18</td><td>53.80</td><td>-30.62</td><td>13.44</td><td>9.68</td><td>0.06</td><td>0.00</td><td>Average</td></tr><tr><td>4</td><td>0.195</td><td>35.11</td><td>63.80</td><td>-28.69</td><td>25.37</td><td>9.68</td><td>0.06</td><td>0.00</td><td>QP</td></tr><tr><td>5</td><td>2.396</td><td>29.29</td><td>46.00</td><td>-16.71</td><td>19.46</td><td>9.69</td><td>0.14</td><td>0.00</td><td>Average</td></tr><tr><td>6</td><td>2.396</td><td>35.75</td><td>56.00</td><td>-20.25</td><td>25.92</td><td>9.69</td><td>0.14</td><td>0.00</td><td>QP</td></tr><tr><td>7</td><td>2.622</td><td>27.81</td><td>46.00</td><td>-18.19</td><td>17.97</td><td>9.69</td><td>0.15</td><td>0.00</td><td>Average</td></tr><tr><td>8</td><td>2.622</td><td>35.34</td><td>56.00</td><td>-20.66</td><td>25.50</td><td>9.69</td><td>0.15</td><td>0.00</td><td>QP</td></tr><tr><td>9*</td><td>11.148</td><td>38.33</td><td>50.00</td><td>-11.67</td><td>28.21</td><td>9.74</td><td>0.38</td><td>0.00</td><td>Average</td></tr><tr><td>10</td><td>11.148</td><td>42.31</td><td>60.00</td><td>-17.69</td><td>32.19</td><td>9.74</td><td>0.38</td><td>0.00</td><td>QP</td></tr><tr><td>11</td><td>13.130</td><td>36.26</td><td>50.00</td><td>-13.74</td><td>26.11</td><td>9.74</td><td>0.41</td><td>0.00</td><td>Average</td></tr><tr><td>12</td><td>13.130</td><td>40.61</td><td>60.00</td><td>-19.39</td><td>30.46</td><td>9.74</td><td>0.41</td><td>0.00</td><td>QP</td></tr></table>					Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	Factor dB	Cable loss dB	Aux dB	Remark	1	0.165	24.85	55.21	-30.36	15.11	9.68	0.06	0.00	Average	2	0.165	40.64	65.21	-24.57	30.90	9.68	0.06	0.00	QP	3	0.195	23.18	53.80	-30.62	13.44	9.68	0.06	0.00	Average	4	0.195	35.11	63.80	-28.69	25.37	9.68	0.06	0.00	QP	5	2.396	29.29	46.00	-16.71	19.46	9.69	0.14	0.00	Average	6	2.396	35.75	56.00	-20.25	25.92	9.69	0.14	0.00	QP	7	2.622	27.81	46.00	-18.19	17.97	9.69	0.15	0.00	Average	8	2.622	35.34	56.00	-20.66	25.50	9.69	0.15	0.00	QP	9*	11.148	38.33	50.00	-11.67	28.21	9.74	0.38	0.00	Average	10	11.148	42.31	60.00	-17.69	32.19	9.74	0.38	0.00	QP	11	13.130	36.26	50.00	-13.74	26.11	9.74	0.41	0.00	Average	12	13.130	40.61	60.00	-19.39	30.46	9.74	0.41	0.00	QP
	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	Factor dB	Cable loss dB	Aux dB	Remark																																																																																																																												
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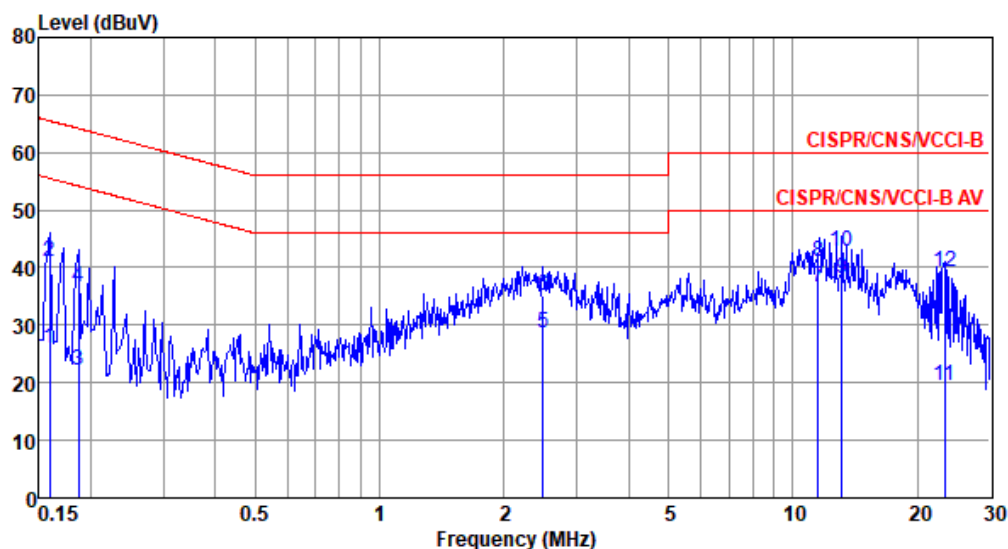


Modulation Mode	ax HE40	Test Freq. (MHz)	5795
Power Phase	Neutral		

Test by : Joe Liao

Temperature: 18°C

Humidity: 62%



	Freq MHz	Level dBUV	Limit Line dBUV	Over Limit dB	Read Level dBUV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.159	25.86	55.52	-29.66	16.19	9.61	0.06	0.00	Average
2	0.159	41.14	65.52	-24.38	31.47	9.61	0.06	0.00	QP
3	0.186	22.23	54.20	-31.97	12.56	9.61	0.06	0.00	Average
4	0.186	36.63	64.20	-27.57	26.96	9.61	0.06	0.00	QP
5	2.487	28.68	46.00	-17.32	18.90	9.63	0.15	0.00	Average
6	2.487	35.10	56.00	-20.90	25.32	9.63	0.15	0.00	QP
7	11.536	36.46	50.00	-13.54	26.36	9.71	0.39	0.00	Average
8	11.536	41.09	60.00	-18.91	30.99	9.71	0.39	0.00	QP
9*	13.133	38.18	50.00	-11.82	28.04	9.73	0.41	0.00	Average
10	13.133	42.73	60.00	-17.27	32.59	9.73	0.41	0.00	QP
11	23.327	19.47	50.00	-30.53	9.16	9.78	0.53	0.00	Average
12	23.327	39.30	60.00	-20.70	28.99	9.78	0.53	0.00	QP

Note 1: Level (dBUV) = Read Level (dBUV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).

2: Over Limit (dB) = Level (dBUV) - Limit Line (dBUV).