



Band Edge measurement

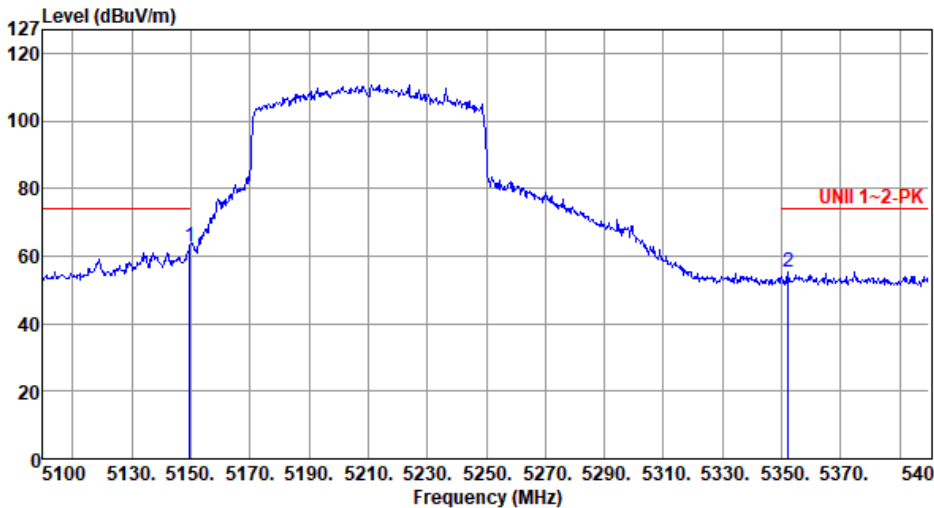
Appendix D

Modulation	ax HE80	Test Freq. (MHz)	5210
Polarization	Horizontal-Average		
Test By :Brad Wu- Temperature(°C):25 Humidity(%):63			
Level (dBUV/m) Freq. Emission Limit Margin SA Factor Remark ANT Turn level MHz dBUV/m dBUV/m dB reading dB/m dBuV 1 5149.80 52.76 54.00 -1.24 51.66 1.10 Average 184 2 2 5364.90 43.11 54.00 -10.89 42.75 0.36 Average 184 2 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).			



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Modulation	ax HE80	Test Freq. (MHz)	5210																														
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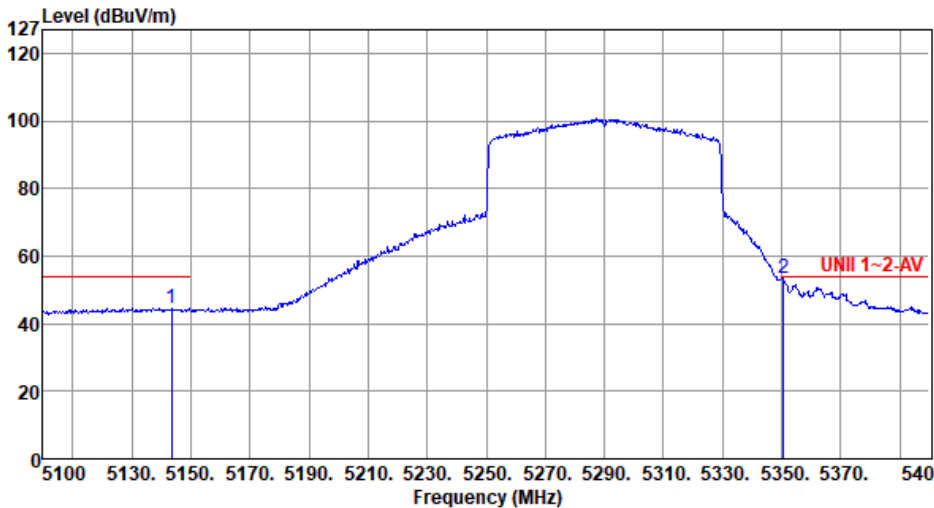
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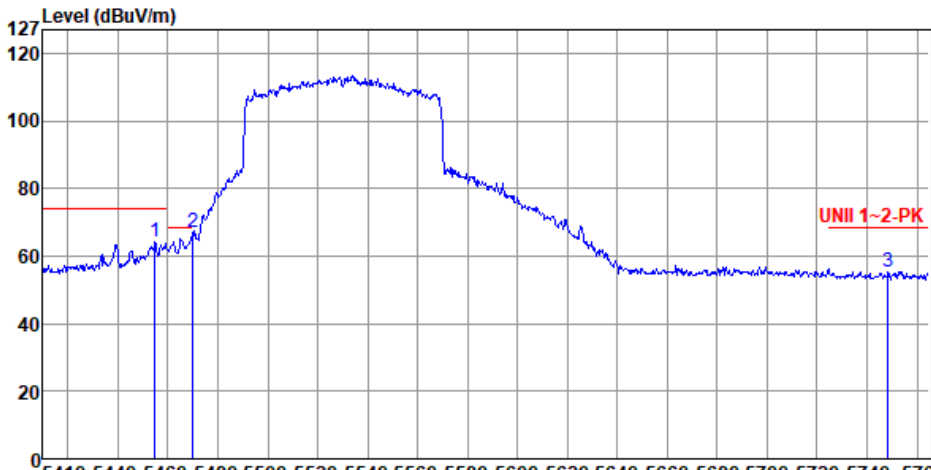
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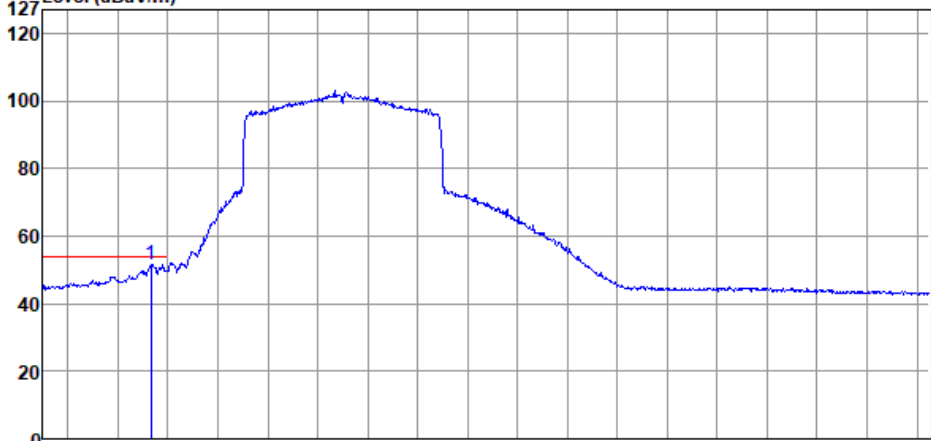
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	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																		
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	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5453.31	51.68	54.00	-2.32	51.01	0.67	Average	180	351
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).									



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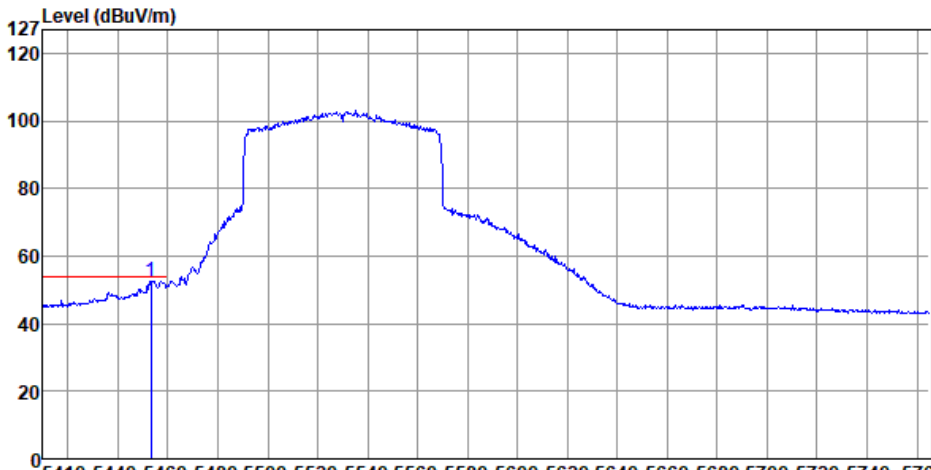
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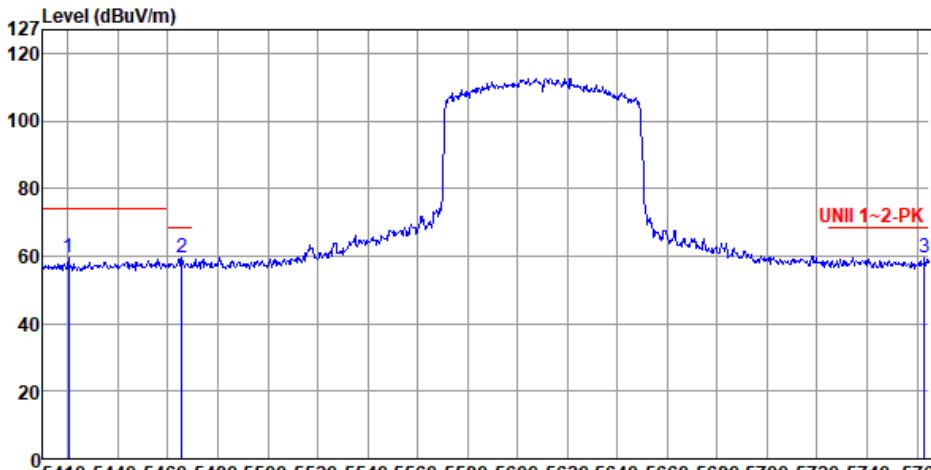
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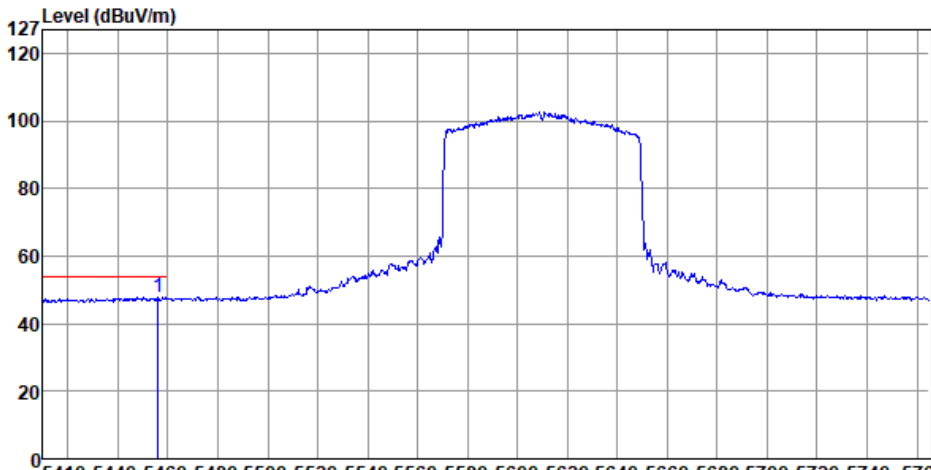
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	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																		
1	5420.30	59.58	74.00	-14.42	59.06	0.52	Peak	173	1																																		
2	5465.74	59.63	68.20	-8.57	58.92	0.71	Peak	173	1																																		
3	5762.87	59.61	68.20	-8.59	58.40	1.21	Peak	181	359																																		
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).																																											



Band Edge measurement

Appendix D

Modulation	ax HE80	Test Freq. (MHz)	5610																														
Polarization	Horizontal-Average																																
Test By :Brad Wu- Temperature(°C):25 Humidity(%):61																																	
Level (dBUV/m)  Frequency (MHz) <table><tr><th></th><th>Freq.</th><th>Emission level</th><th>Limit</th><th>Margin</th><th>SA reading</th><th>Factor</th><th>Remark</th><th>ANT High</th><th>Turn Table</th></tr><tr><th></th><th>MHz</th><th>dBUV/m</th><th>dBUV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th></th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5456.15</td><td>47.99</td><td>54.00</td><td>-6.01</td><td>47.32</td><td>0.67</td><td>Average</td><td>173</td><td>1</td></tr></table>					Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table		MHz	dBUV/m	dBUV/m	dB	dBuV	dB/m		cm	deg	1	5456.15	47.99	54.00	-6.01	47.32	0.67	Average	173	1
	Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table																								
	MHz	dBUV/m	dBUV/m	dB	dBuV	dB/m		cm	deg																								
1	5456.15	47.99	54.00	-6.01	47.32	0.67	Average	173	1																								
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).																																	



Band Edge measurement

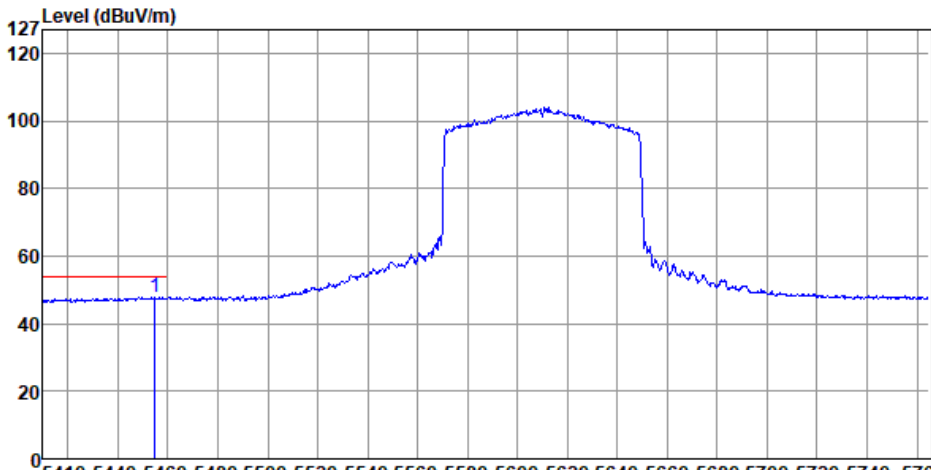
Appendix D

Modulation	ax HE80	Test Freq. (MHz)	5610																																								
Polarization	Vertical-Peak																																										
Test By :Brad Wu- Temperature(°C):25 Humidity(%):61																																											
Level (dBuV/m) 12 3 UNII 1~2-PK 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>5457.57</td><td>58.77</td><td>74.00</td><td>-15.23</td><td>58.08</td><td>0.69</td><td>Peak</td><td>182</td><td>356</td></tr><tr><td>2</td><td>5463.25</td><td>59.35</td><td>68.20</td><td>-8.85</td><td>58.65</td><td>0.70</td><td>Peak</td><td>182</td><td>356</td></tr><tr><td>3</td><td>5731.99</td><td>59.55</td><td>68.20</td><td>-8.65</td><td>58.43</td><td>1.12</td><td>Peak</td><td>178</td><td>2</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	5457.57	58.77	74.00	-15.23	58.08	0.69	Peak	182	356	2	5463.25	59.35	68.20	-8.85	58.65	0.70	Peak	182	356	3	5731.99	59.55	68.20	-8.65	58.43	1.12	Peak	178	2
	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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3	5731.99	59.55	68.20	-8.65	58.43	1.12	Peak	178	2																																		
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).																																											



Band Edge measurement

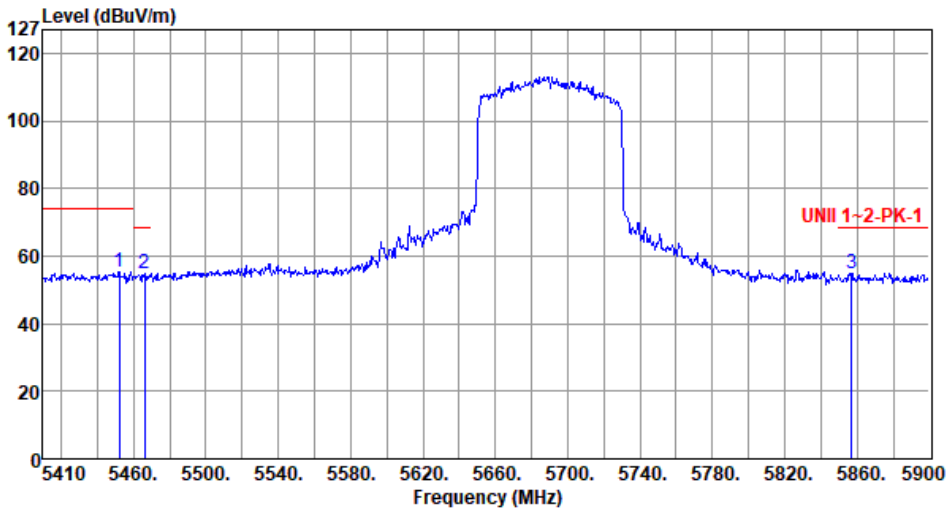
Appendix D

Modulation	ax HE80	Test Freq. (MHz)	5610																																								
Polarization	Vertical-Average																																										
Test By :Brad Wu- Temperature(°C):25 Humidity(%):61																																											
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>dBuV/m</th><th></th><th></th><th>dBuV</th><th></th><th></th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5454.73</td><td>47.92</td><td>54.00</td><td>-6.08</td><td>47.25</td><td>0.67</td><td>Average</td><td>182</td><td>356</td></tr></table>					Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn		MHz	level	dBuV/m	dB	reading	dB/m		High	Table			dBuV/m			dBuV			cm	deg	1	5454.73	47.92	54.00	-6.08	47.25	0.67	Average	182	356
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																		
	MHz	level	dBuV/m	dB	reading	dB/m		High	Table																																		
		dBuV/m			dBuV			cm	deg																																		
1	5454.73	47.92	54.00	-6.08	47.25	0.67	Average	182	356																																		
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).																																											



Band Edge measurement

Appendix D

Modulation	ax HE80	Test Freq. (MHz)	5690																																								
Polarization	Horizontal-Peak																																										
Test By :Akun Chung_ Temperature(°C):25 Humidity(%):61																																											
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>5452.14</td><td>55.51</td><td>74.00</td><td>-18.49</td><td>54.85</td><td>0.66</td><td>Peak</td><td>188</td><td>3</td></tr><tr><td>2</td><td>5466.35</td><td>54.68</td><td>68.20</td><td>-13.52</td><td>53.97</td><td>0.71</td><td>Peak</td><td>188</td><td>3</td></tr><tr><td>3</td><td>5856.88</td><td>54.91</td><td>68.20</td><td>-13.29</td><td>53.46</td><td>1.45</td><td>Peak</td><td>188</td><td>3</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	5452.14	55.51	74.00	-18.49	54.85	0.66	Peak	188	3	2	5466.35	54.68	68.20	-13.52	53.97	0.71	Peak	188	3	3	5856.88	54.91	68.20	-13.29	53.46	1.45	Peak	188	3
	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	5452.14	55.51	74.00	-18.49	54.85	0.66	Peak	188	3																																		
2	5466.35	54.68	68.20	-13.52	53.97	0.71	Peak	188	3																																		
3	5856.88	54.91	68.20	-13.29	53.46	1.45	Peak	188	3																																		
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).																																											



Band Edge measurement

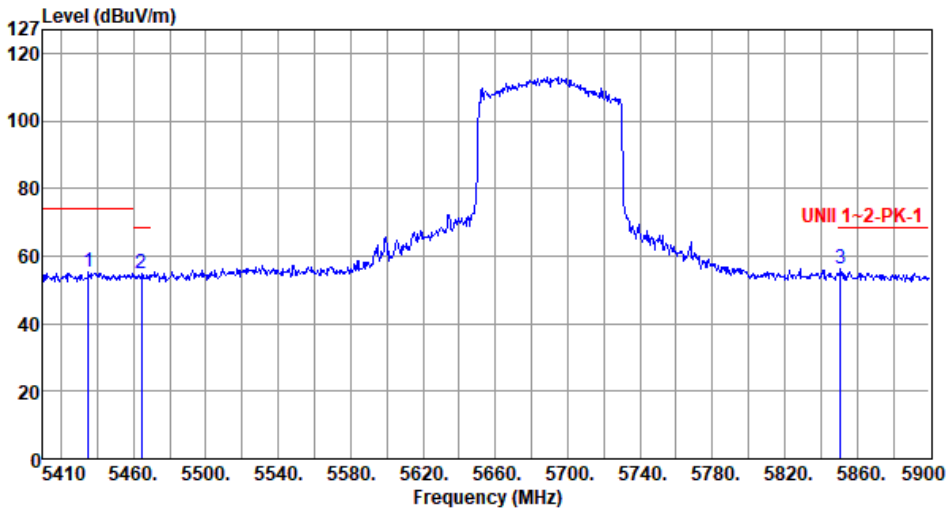
Appendix D

Modulation	ax HE80	Test Freq. (MHz)	5690																				
Polarization	Horizontal-Average																						
Test By :Akun Chung_ Temperature(°C):25 Humidity(%):61																							
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>5447.73</td><td>44.55</td><td>54.00</td><td>-9.45</td><td>43.90</td><td>0.65</td><td>Average</td><td>188</td><td>3</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).					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	5447.73	44.55	54.00	-9.45	43.90	0.65	Average	188	3
	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	5447.73	44.55	54.00	-9.45	43.90	0.65	Average	188	3														



Band Edge measurement

Appendix D

Modulation	ax HE80	Test Freq. (MHz)	5690																																								
Polarization	Vertical-Peak																																										
Test By :Akun Chung_ Temperature(°C):25 Humidity(%):61																																											
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>5434.99</td><td>55.32</td><td>74.00</td><td>-18.68</td><td>54.73</td><td>0.59</td><td>Peak</td><td>168</td><td>356</td></tr><tr><td>2</td><td>5464.39</td><td>54.60</td><td>68.20</td><td>-13.60</td><td>53.90</td><td>0.70</td><td>Peak</td><td>168</td><td>356</td></tr><tr><td>3</td><td>5851.00</td><td>56.19</td><td>68.20</td><td>-12.01</td><td>54.77</td><td>1.42</td><td>Peak</td><td>168</td><td>356</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	5434.99	55.32	74.00	-18.68	54.73	0.59	Peak	168	356	2	5464.39	54.60	68.20	-13.60	53.90	0.70	Peak	168	356	3	5851.00	56.19	68.20	-12.01	54.77	1.42	Peak	168	356
	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	5434.99	55.32	74.00	-18.68	54.73	0.59	Peak	168	356																																		
2	5464.39	54.60	68.20	-13.60	53.90	0.70	Peak	168	356																																		
3	5851.00	56.19	68.20	-12.01	54.77	1.42	Peak	168	356																																		
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).																																											



Band Edge measurement

Appendix D

Modulation	ax HE80	Test Freq. (MHz)	5690																				
Polarization	Vertical-Average																						
Test By :Akun Chung_ Temperature(°C):25 Humidity(%):61																							
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>5457.53</td><td>44.76</td><td>54.00</td><td>-9.24</td><td>44.07</td><td>0.69</td><td>Average</td><td>168</td><td>356</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).					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	5457.53	44.76	54.00	-9.24	44.07	0.69	Average	168	356
	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	5457.53	44.76	54.00	-9.24	44.07	0.69	Average	168	356														



Band Edge measurement

Appendix D

Modulation	ax HE80	Test Freq. (MHz)	5775																														
Polarization	Horizontal-Peak																																
Test By :Brad Wu- Temperature(°C):25 Humidity(%):63																																	
Level (dBUV/m) UNII 3-PK 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>5649.88</td><td>66.39</td><td>68.20</td><td>-1.81</td><td>65.47</td><td>0.92</td><td>Peak</td><td>174</td><td>357</td></tr><tr><td>2</td><td>5928.13</td><td>61.62</td><td>68.20</td><td>-6.58</td><td>59.96</td><td>1.66</td><td>Peak</td><td>174</td><td>357</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	5649.88	66.39	68.20	-1.81	65.47	0.92	Peak	174	357	2	5928.13	61.62	68.20	-6.58	59.96	1.66	Peak	174	357
	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	5649.88	66.39	68.20	-1.81	65.47	0.92	Peak	174	357																								
2	5928.13	61.62	68.20	-6.58	59.96	1.66	Peak	174	357																								
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).																																	



Band Edge measurement

Appendix D

Modulation	ax HE80	Test Freq. (MHz)	5775																														
Polarization	Vertical-Peak																																
Test By :Brad Wu- Temperature(°C):25 Humidity(%):63																																	
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>5646.13</td><td>67.80</td><td>68.20</td><td>-0.40</td><td>66.89</td><td>0.91</td><td>Peak</td><td>152</td><td>14</td></tr><tr><td>2</td><td>5937.13</td><td>63.75</td><td>68.20</td><td>-4.45</td><td>62.09</td><td>1.66</td><td>Peak</td><td>152</td><td>14</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	5646.13	67.80	68.20	-0.40	66.89	0.91	Peak	152	14	2	5937.13	63.75	68.20	-4.45	62.09	1.66	Peak	152	14
	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	5646.13	67.80	68.20	-0.40	66.89	0.91	Peak	152	14																								
2	5937.13	63.75	68.20	-4.45	62.09	1.66	Peak	152	14																								
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).																																	



Band Edge measurement

Appendix D

Modulation	ax HE160	Test Freq. (MHz)	5250																														
Polarization	Horizontal-Peak																																
Test By :Brad Wu- Temperature(°C):25 Humidity(%):63																																	
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>5127.30</td><td>61.67</td><td>74.00</td><td>-12.33</td><td>60.63</td><td>1.04</td><td>Peak</td><td>166</td><td>6</td></tr><tr><td>2</td><td>5387.70</td><td>62.12</td><td>74.00</td><td>-11.88</td><td>61.71</td><td>0.41</td><td>Peak</td><td>166</td><td>6</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	5127.30	61.67	74.00	-12.33	60.63	1.04	Peak	166	6	2	5387.70	62.12	74.00	-11.88	61.71	0.41	Peak	166	6
	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	5127.30	61.67	74.00	-12.33	60.63	1.04	Peak	166	6																								
2	5387.70	62.12	74.00	-11.88	61.71	0.41	Peak	166	6																								
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).																																	



Band Edge measurement

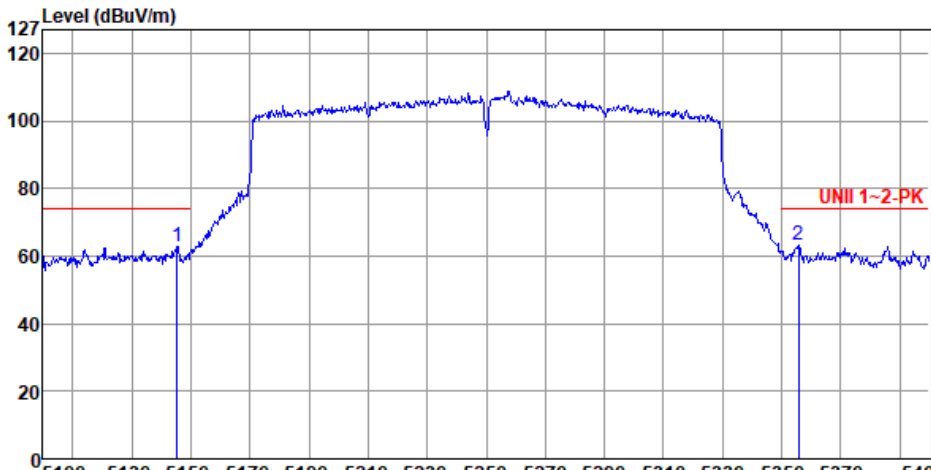
Appendix D

Modulation	ax HE160	Test Freq. (MHz)	5250																																																		
Polarization	Horizontal-Average																																																				
Test By :Brad Wu- Temperature(°C):25 Humidity(%):63																																																					
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Band Edge measurement

Appendix D

Modulation	ax HE160	Test Freq. (MHz)	5250																														
Polarization	Vertical-Peak																																
Test By :Brad Wu- Temperature(°C):25 Humidity(%):63																																	
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>5145.30</td><td>63.03</td><td>74.00</td><td>-10.97</td><td>61.95</td><td>1.08</td><td>Peak</td><td>182</td><td>6</td></tr><tr><td>2</td><td>5355.60</td><td>63.42</td><td>74.00</td><td>-10.58</td><td>63.09</td><td>0.33</td><td>Peak</td><td>182</td><td>6</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	5145.30	63.03	74.00	-10.97	61.95	1.08	Peak	182	6	2	5355.60	63.42	74.00	-10.58	63.09	0.33	Peak	182	6
	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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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).																																	



Band Edge measurement

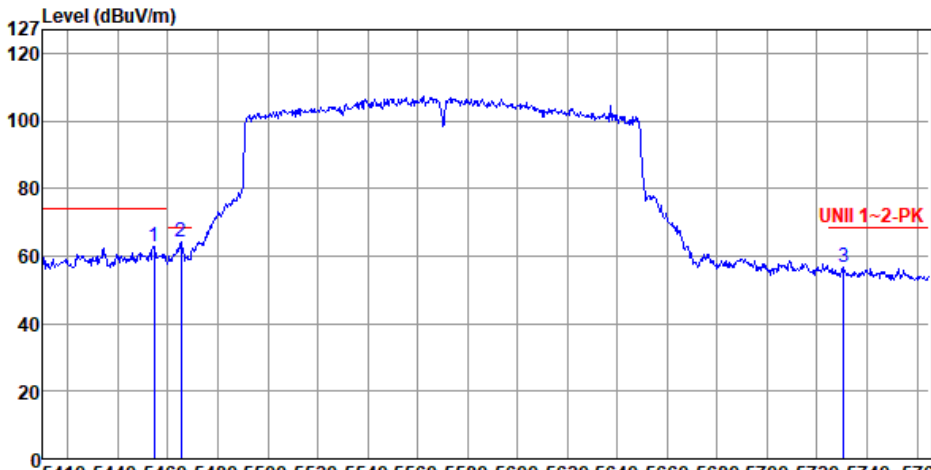
Appendix D

Modulation	ax HE160	Test Freq. (MHz)	5250																														
Polarization	Vertical-Average																																
Test By :Brad Wu- Temperature(°C):25 Humidity(%):63																																	
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>5144.70</td><td>53.23</td><td>54.00</td><td>-0.77</td><td>52.15</td><td>1.08</td><td>Average</td><td>182</td><td>6</td></tr><tr><td>2</td><td>5355.00</td><td>53.58</td><td>54.00</td><td>-0.42</td><td>53.25</td><td>0.33</td><td>Average</td><td>182</td><td>6</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	5144.70	53.23	54.00	-0.77	52.15	1.08	Average	182	6	2	5355.00	53.58	54.00	-0.42	53.25	0.33	Average	182	6
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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).																																	



Band Edge measurement

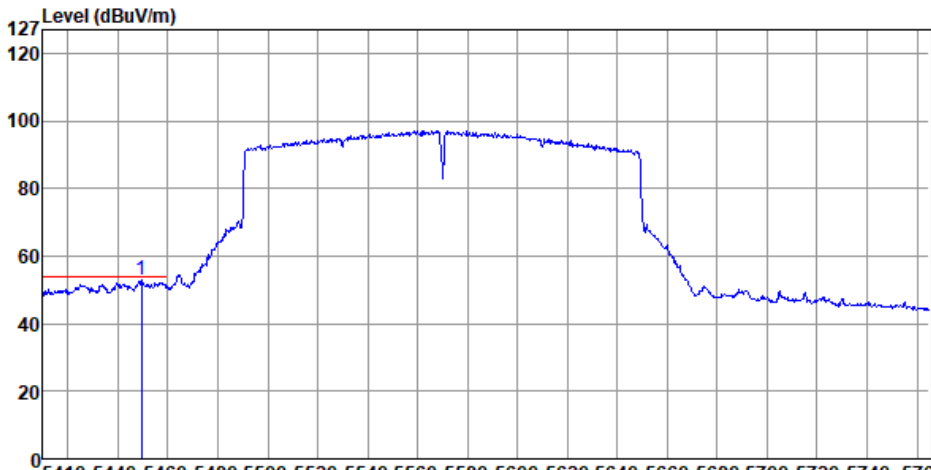
Appendix D

Modulation	ax HE160	Test Freq. (MHz)	5570																																								
Polarization	Horizontal-Peak																																										
Test By :Brad Wu- Temperature(°C):25 Humidity(%):63																																											
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>5454.38</td><td>62.88</td><td>74.00</td><td>-11.12</td><td>62.21</td><td>0.67</td><td>Peak</td><td>176</td><td>359</td></tr><tr><td>2</td><td>5465.38</td><td>64.13</td><td>68.20</td><td>-4.07</td><td>63.42</td><td>0.71</td><td>Peak</td><td>176</td><td>359</td></tr><tr><td>3</td><td>5730.57</td><td>56.62</td><td>68.20</td><td>-11.58</td><td>55.50</td><td>1.12</td><td>Peak</td><td>176</td><td>359</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	5454.38	62.88	74.00	-11.12	62.21	0.67	Peak	176	359	2	5465.38	64.13	68.20	-4.07	63.42	0.71	Peak	176	359	3	5730.57	56.62	68.20	-11.58	55.50	1.12	Peak	176	359
	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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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).																																											



Band Edge measurement

Appendix D

Modulation	ax HE160	Test Freq. (MHz)	5570																				
Polarization	Horizontal-Average																						
Test By :Brad Wu- Temperature(°C):25 Humidity(%):63																							
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>5449.41</td><td>52.85</td><td>54.00</td><td>-1.15</td><td>52.18</td><td>0.67</td><td>Average</td><td>176</td><td>359</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	5449.41	52.85	54.00	-1.15	52.18	0.67	Average	176	359
	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	5449.41	52.85	54.00	-1.15	52.18	0.67	Average	176	359														
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).																							



Band Edge measurement

Appendix D

Modulation	ax HE160	Test Freq. (MHz)	5570																																								
Polarization	Vertical-Peak																																										
Test By :Brad Wu- Temperature(°C):25 Humidity(%):63																																											
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>5447.28</td><td>63.59</td><td>74.00</td><td>-10.41</td><td>62.94</td><td>0.65</td><td>Peak</td><td>176</td><td>3</td></tr><tr><td>2</td><td>5467.16</td><td>63.45</td><td>68.20</td><td>-4.75</td><td>62.74</td><td>0.71</td><td>Peak</td><td>176</td><td>3</td></tr><tr><td>3</td><td>5736.60</td><td>57.15</td><td>68.20</td><td>-11.05</td><td>56.02</td><td>1.13</td><td>Peak</td><td>176</td><td>3</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	5447.28	63.59	74.00	-10.41	62.94	0.65	Peak	176	3	2	5467.16	63.45	68.20	-4.75	62.74	0.71	Peak	176	3	3	5736.60	57.15	68.20	-11.05	56.02	1.13	Peak	176	3
	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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Band Edge measurement

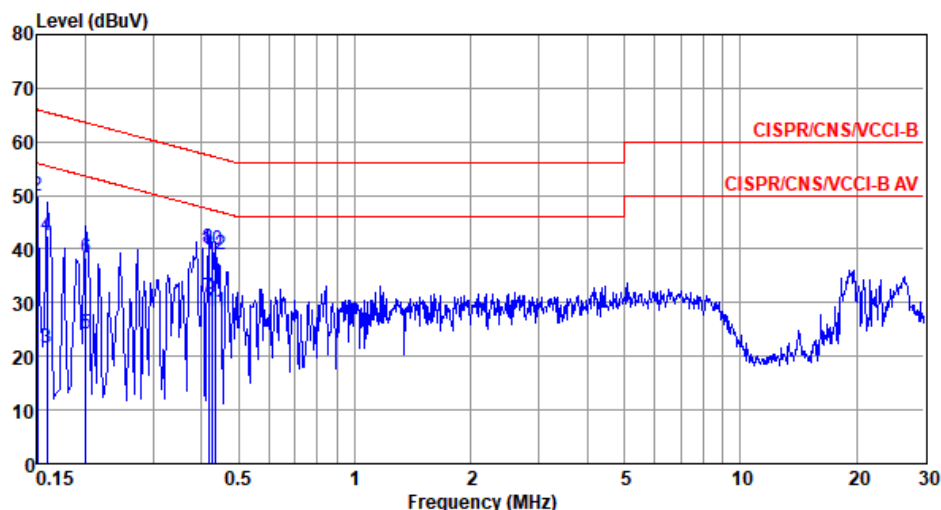
Appendix D

Modulation	ax HE160	Test Freq. (MHz)	5570
Polarization	Vertical-Average		
Test By :Brad Wu- Temperature(°C):25 Humidity(%):63			
Level (dBUV/m)			

Frequency: 5300 MHz	Frequency Drift (ppm)			
Temperature (°C)	0 minute	2 minutes	5 minutes	10 minutes
T20°CVmax	-1.87	-1.62	-2.11	-1.70
T20°CVmin	-2.14	-1.45	-1.89	-2.11
T60°CVnom	8.55	8.27	8.61	8.87
T50°CVnom	6.08	6.45	6.14	6.36
T40°CVnom	3.32	3.80	3.90	3.71
T30°CVnom	0.79	1.04	0.53	1.55
T20°CVnom	-2.38	-2.26	-2.50	-2.70
T10°CVnom	-5.31	-4.86	-5.43	-5.00
T0°CVnom	-8.22	-8.16	-8.41	-8.08
T-10°CVnom	-9.72	-9.33	-9.29	-9.05
T-20°CVnom	-10.53	-10.72	-10.57	-10.18
T-30°CVnom	-13.51	-12.90	-13.19	-13.71
Vnom [V]: 120	Vmax [V]: 138		Vmin [V]: 102	
Tnom [°C]: 20	Tmax [°C]: 60		Tmin [°C]: -30	

Frequency: 5785 MHz	Frequency Drift (ppm)			
Temperature (°C)	0 minute	2 minutes	5 minutes	10 minutes
T20°CVmax	-1.53	-1.40	-1.21	-1.75
T20°CVmin	-2.05	-2.04	-2.24	-1.72
T60°CVnom	7.88	7.91	7.78	7.88
T50°CVnom	5.56	6.23	5.79	5.98
T40°CVnom	3.45	3.90	3.42	3.07
T30°CVnom	1.29	1.64	1.54	0.96
T20°CVnom	-2.08	-2.11	-2.15	-2.14
T10°CVnom	-4.46	-4.02	-4.26	-4.55
T0°CVnom	-7.23	-7.53	-6.75	-6.87
T-10°CVnom	-9.03	-8.57	-8.32	-8.54
T-20°CVnom	-9.09	-9.11	-9.07	-9.10
T-30°CVnom	-12.15	-12.10	-11.81	-12.18
Vnom [V]: 120	Vmax [V]: 138		Vmin [V]: 102	
Tnom [°C]: 20	Tmax [°C]: 60		Tmin [°C]: -30	

Modulation Mode	ax HE20	Test Freq. (MHz)	5745
Power Phase	Line		

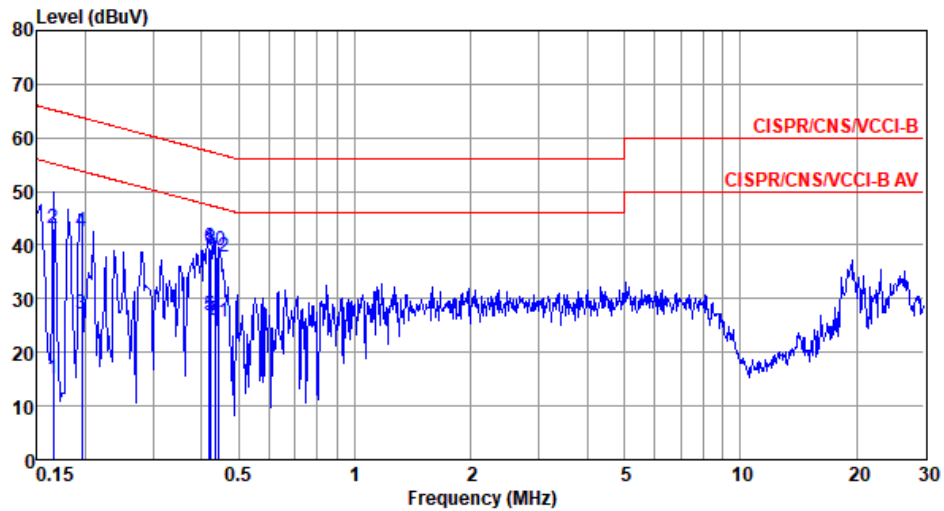


	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	LISN factor dB	cable loss dB	Remark
1	0.150	32.06	56.00	-23.94	22.38	9.65	0.03	Average
2*	0.150	49.99	66.00	-16.01	40.31	9.65	0.03	QP
3	0.159	21.55	55.52	-33.97	11.87	9.65	0.03	Average
4	0.159	42.45	65.52	-23.07	32.77	9.65	0.03	QP
5	0.201	24.19	53.58	-29.39	14.51	9.64	0.04	Average
6	0.201	38.24	63.58	-25.34	28.56	9.64	0.04	QP
7	0.417	30.97	47.51	-16.54	21.29	9.64	0.04	Average
8	0.417	40.14	57.51	-17.37	30.46	9.64	0.04	QP
9	0.426	30.61	47.33	-16.72	20.93	9.64	0.04	Average
10	0.426	39.98	57.33	-17.35	30.30	9.64	0.04	QP
11	0.435	28.27	47.15	-18.88	18.59	9.64	0.04	Average
12	0.435	38.93	57.15	-18.22	29.25	9.64	0.04	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)	5745
Power Phase	Neutral		



	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	LISN factor dB	cable loss dB	Remark
1	0.165	15.16	55.21	-40.05	5.49	9.64	0.03	Average
2	0.165	43.07	65.21	-22.14	33.40	9.64	0.03	QP
3	0.195	27.12	53.80	-26.68	17.44	9.64	0.04	Average
4	0.195	42.38	63.80	-21.42	32.70	9.64	0.04	QP
5	0.419	26.87	47.46	-20.59	17.20	9.63	0.04	Average
6	0.419	39.43	57.46	-18.03	29.76	9.63	0.04	QP
7	0.424	25.16	47.37	-22.21	15.49	9.63	0.04	Average
8*	0.424	39.39	57.37	-17.98	29.72	9.63	0.04	QP
9	0.433	25.99	47.20	-21.21	16.32	9.63	0.04	Average
10	0.433	39.01	57.20	-18.19	29.34	9.63	0.04	QP
11	0.444	25.59	46.98	-21.39	15.92	9.63	0.04	Average
12	0.444	37.86	56.98	-19.12	28.19	9.63	0.04	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).