



Band Edge measurement

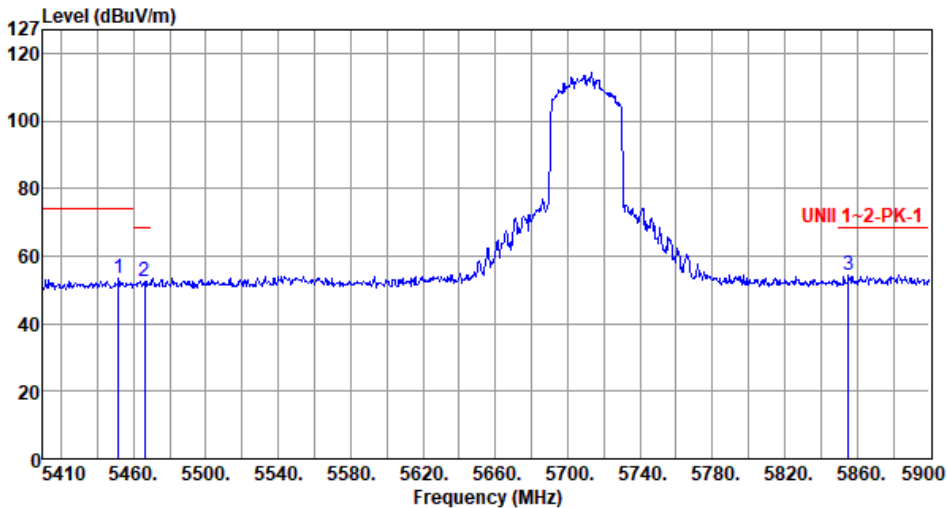
Appendix D

Modulation	ax HE40	Test Freq. (MHz)	5710																				
Polarization	Horizontal-Average																						
Test By :Brad Wu Temperature(°C):24 Humidity(%):65																							
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>5455.57</td><td>41.13</td><td>54.00</td><td>-12.87</td><td>40.46</td><td>0.67</td><td>Average</td><td>216</td><td>54</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	5455.57	41.13	54.00	-12.87	40.46	0.67	Average	216	54
	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	5455.57	41.13	54.00	-12.87	40.46	0.67	Average	216	54														
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 HE40	Test Freq. (MHz)	5710																																																												
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	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																																						
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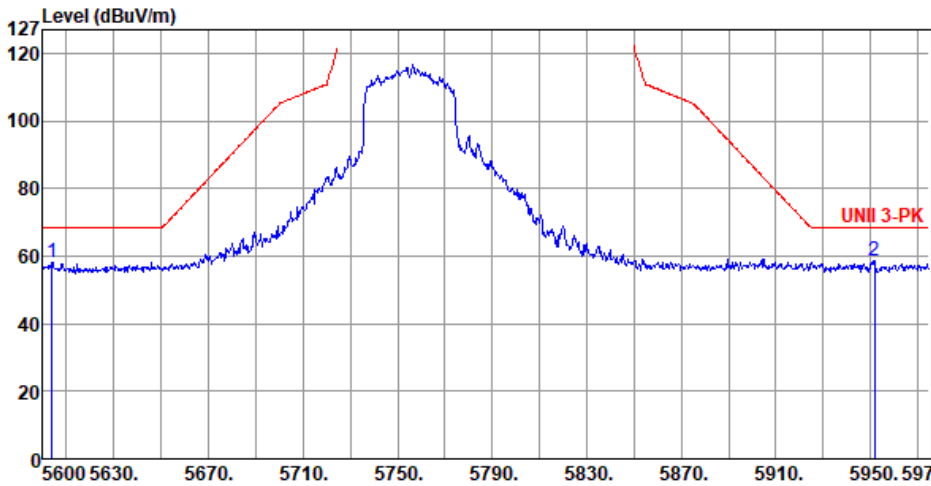
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Modulation	ax HE40	Test Freq. (MHz)	5710						
Polarization	Vertical-Average								
Test By :Brad Wu Temperature(°C):24 Humidity(%):65									
Level (dBuV/m) Frequency (MHz)									
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5413.43	41.11	54.00	-12.89	40.62	0.49	Average	176	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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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>5603.75</td><td>58.31</td><td>68.20</td><td>-9.89</td><td>57.50</td><td>0.81</td><td>Peak</td><td>235</td><td>44</td></tr><tr><td>2</td><td>5951.75</td><td>58.70</td><td>68.20</td><td>-9.50</td><td>57.03</td><td>1.67</td><td>Peak</td><td>235</td><td>44</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	5603.75	58.31	68.20	-9.89	57.50	0.81	Peak	235	44	2	5951.75	58.70	68.20	-9.50	57.03	1.67	Peak	235	44
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																								
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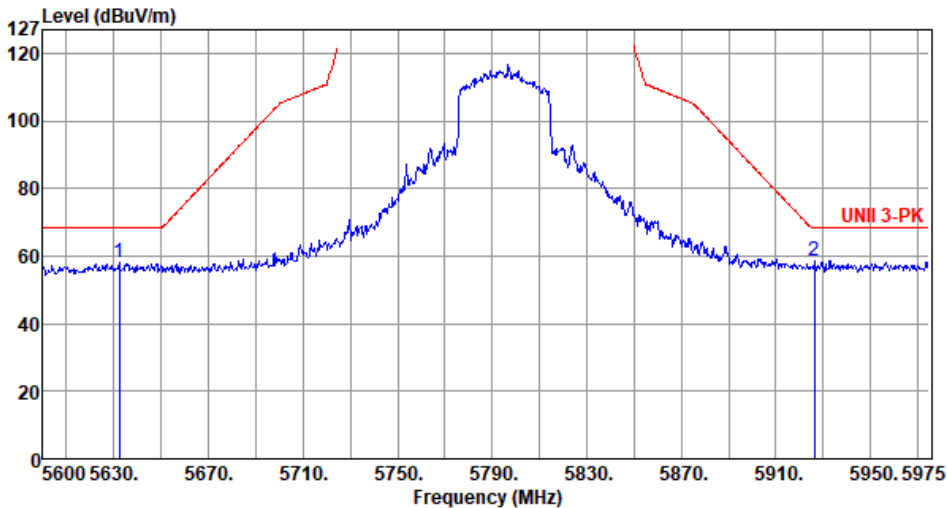
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Modulation	ax HE40	Test Freq. (MHz)	5755																														
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	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																								
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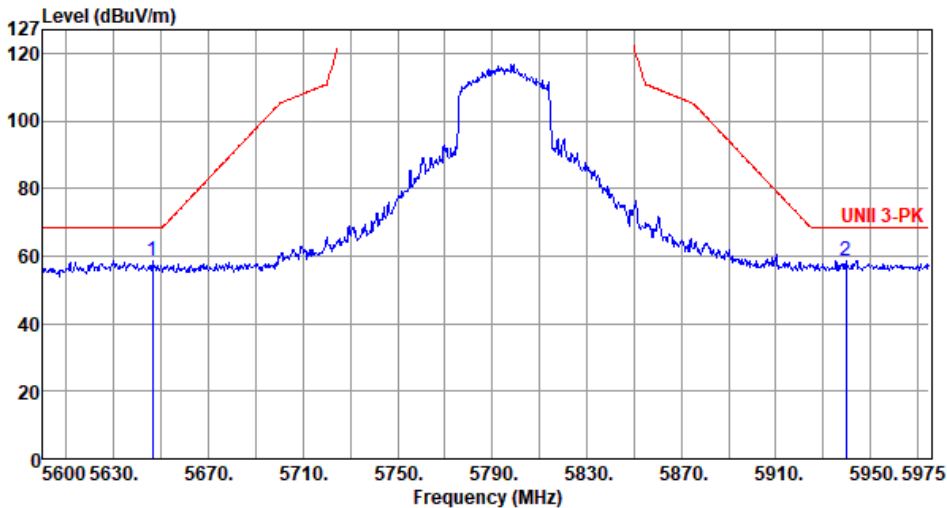
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Polarization	Horizontal-Peak																																																				
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Level (dBUV/m)  Frequency (MHz) <table><tr><th></th><th>Freq.</th><th>Emission</th><th>Limit</th><th>Margin</th><th>SA</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>5632.25</td><td>58.08</td><td>68.20</td><td>-10.12</td><td>57.21</td><td>0.87</td><td>Peak</td><td>176</td><td>60</td></tr><tr><td>2</td><td>5926.25</td><td>58.70</td><td>68.20</td><td>-9.50</td><td>57.04</td><td>1.66</td><td>Peak</td><td>302</td><td>74</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	5632.25	58.08	68.20	-10.12	57.21	0.87	Peak	176	60	2	5926.25	58.70	68.20	-9.50	57.04	1.66	Peak	302	74
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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)	5210																														
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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>5148.90</td><td>59.47</td><td>74.00</td><td>-14.53</td><td>58.37</td><td>1.10</td><td>Peak</td><td>233</td><td>61</td></tr><tr><td>2</td><td>5365.20</td><td>52.43</td><td>74.00</td><td>-21.57</td><td>52.07</td><td>0.36</td><td>Peak</td><td>233</td><td>61</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	5148.90	59.47	74.00	-14.53	58.37	1.10	Peak	233	61	2	5365.20	52.43	74.00	-21.57	52.07	0.36	Peak	233	61
	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	5148.90	59.47	74.00	-14.53	58.37	1.10	Peak	233	61																								
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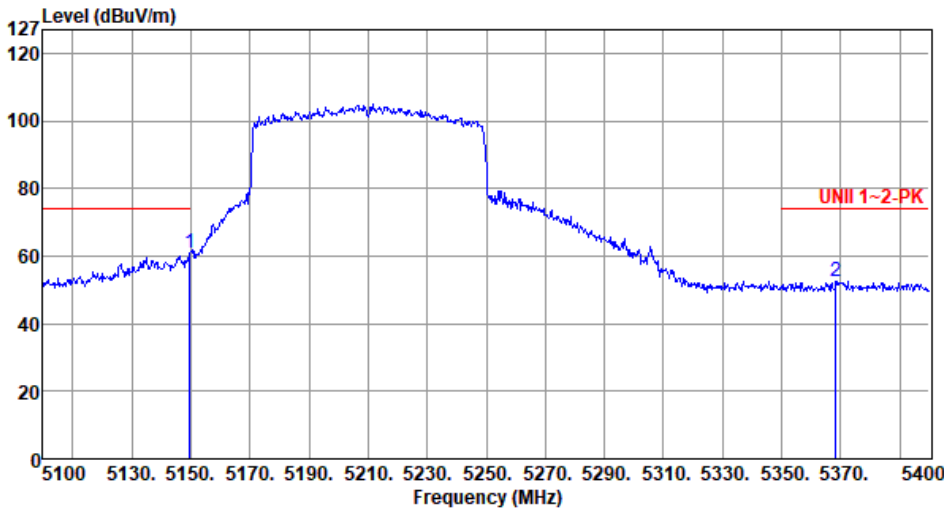
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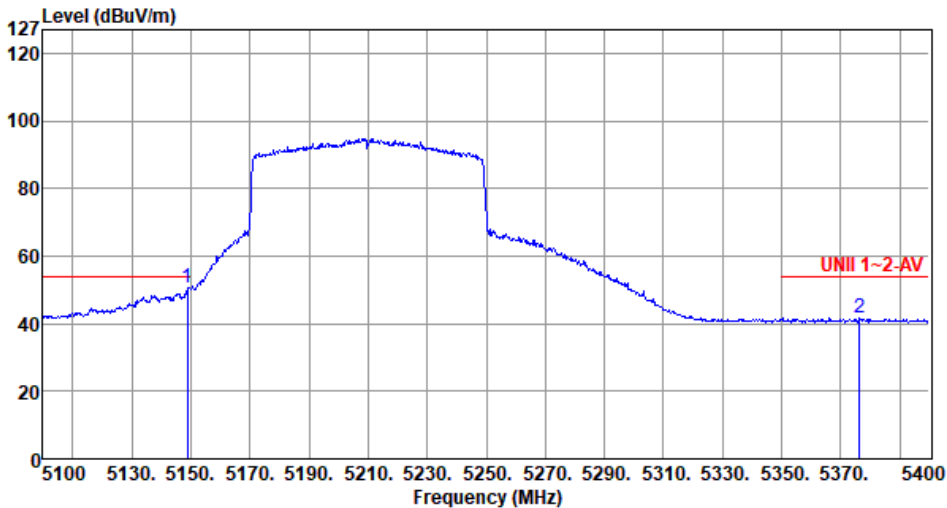
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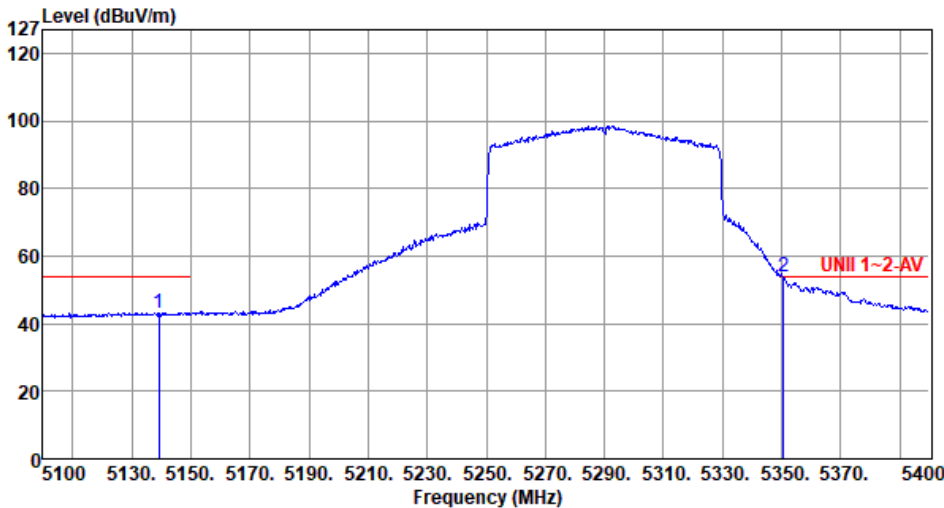
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Polarization	Horizontal-Peak																																																				
Test By :Brad Wu Temperature(°C):24 Humidity(%):64																																																					
Level (dBuV/m) Frequency (MHz) <table><tr><th></th><th>Freq.</th><th>Emission</th><th>Limit</th><th>Margin</th><th>SA</th><th>Factor</th><th>Remark</th><th>ANT</th><th>Turn</th></tr><tr><th></th><th>MHz</th><th>level</th><th>dBuV/m</th><th>dB</th><th>reading</th><th>dB/m</th><th></th><th>High</th><th>Table</th></tr><tr><th></th><th></th><th>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>5131.50</td><td>55.05</td><td>74.00</td><td>-18.95</td><td>54.00</td><td>1.05</td><td>Peak</td><td>186</td><td>58</td></tr><tr><td>2</td><td>5350.50</td><td>64.03</td><td>74.00</td><td>-9.97</td><td>63.71</td><td>0.32</td><td>Peak</td><td>186</td><td>58</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	5131.50	55.05	74.00	-18.95	54.00	1.05	Peak	186	58	2	5350.50	64.03	74.00	-9.97	63.71	0.32	Peak	186	58
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																												
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Band Edge measurement

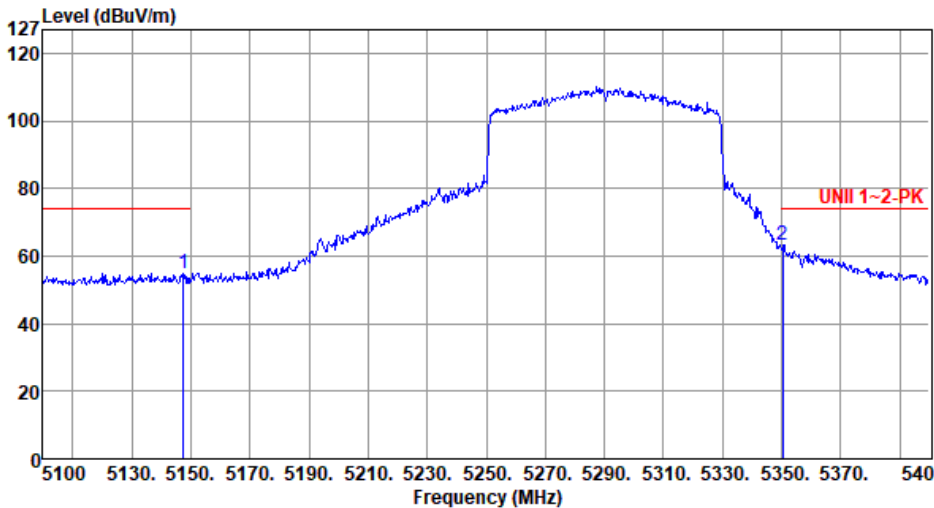
Appendix D

Modulation	ax HE80	Test Freq. (MHz)	5290																														
Polarization	Horizontal-Average																																
Test By :Brad Wu Temperature(°C):24 Humidity(%):64																																	
Level (dBUV/m)  Frequency (MHz) <table><tr><th></th><th>Freq. MHz</th><th>Emission level dBUV/m</th><th>Limit dBUV/m</th><th>Margin dB</th><th>SA reading dBUV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>5139.30</td><td>43.32</td><td>54.00</td><td>-10.68</td><td>42.25</td><td>1.07</td><td>Average</td><td>186</td><td>58</td></tr><tr><td>2</td><td>5350.50</td><td>53.72</td><td>54.00</td><td>-0.28</td><td>53.40</td><td>0.32</td><td>Average</td><td>186</td><td>58</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	5139.30	43.32	54.00	-10.68	42.25	1.07	Average	186	58	2	5350.50	53.72	54.00	-0.28	53.40	0.32	Average	186	58
	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

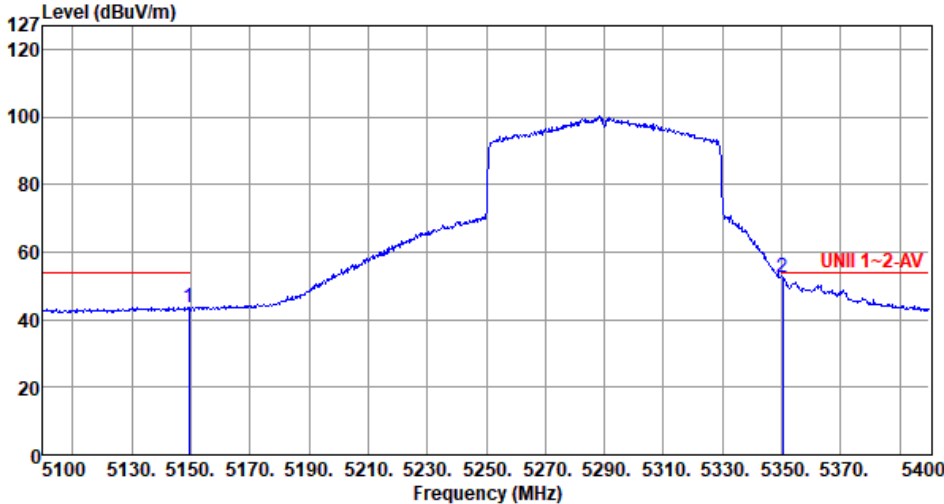
Appendix D

Modulation	ax HE80	Test Freq. (MHz)	5290																																																		
Polarization	Vertical-Peak																																																				
Test By :Brad Wu Temperature(°C):24 Humidity(%):64																																																					
Level (dBuV/m)  Frequency (MHz) <table><tr><th></th><th>Freq.</th><th>Emission</th><th>Limit</th><th>Margin</th><th>SA</th><th>Factor</th><th>Remark</th><th>ANT</th><th>Turn</th></tr><tr><th></th><th>MHz</th><th>level</th><th>dBuV/m</th><th>dB</th><th>reading</th><th>dB/m</th><th></th><th>High</th><th>Table</th></tr><tr><th></th><th></th><th>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>5147.40</td><td>55.06</td><td>74.00</td><td>-18.94</td><td>53.97</td><td>1.09</td><td>Peak</td><td>186</td><td>3</td></tr><tr><td>2</td><td>5350.20</td><td>63.41</td><td>74.00</td><td>-10.59</td><td>63.09</td><td>0.32</td><td>Peak</td><td>186</td><td>3</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	5147.40	55.06	74.00	-18.94	53.97	1.09	Peak	186	3	2	5350.20	63.41	74.00	-10.59	63.09	0.32	Peak	186	3
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																												
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Band Edge measurement

Appendix D

Modulation	ax HE80	Test Freq. (MHz)	5290																														
Polarization	Vertical-Average																																
Test By :Brad Wu Temperature(°C):24 Humidity(%):64																																	
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>5149.50</td><td>43.72</td><td>54.00</td><td>-10.28</td><td>42.62</td><td>1.10</td><td>Average</td><td>186</td><td>3</td></tr><tr><td>2</td><td>5350.20</td><td>52.61</td><td>54.00</td><td>-1.39</td><td>52.29</td><td>0.32</td><td>Average</td><td>186</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	5149.50	43.72	54.00	-10.28	42.62	1.10	Average	186	3	2	5350.20	52.61	54.00	-1.39	52.29	0.32	Average	186	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	5149.50	43.72	54.00	-10.28	42.62	1.10	Average	186	3																								
2	5350.20	52.61	54.00	-1.39	52.29	0.32	Average	186	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

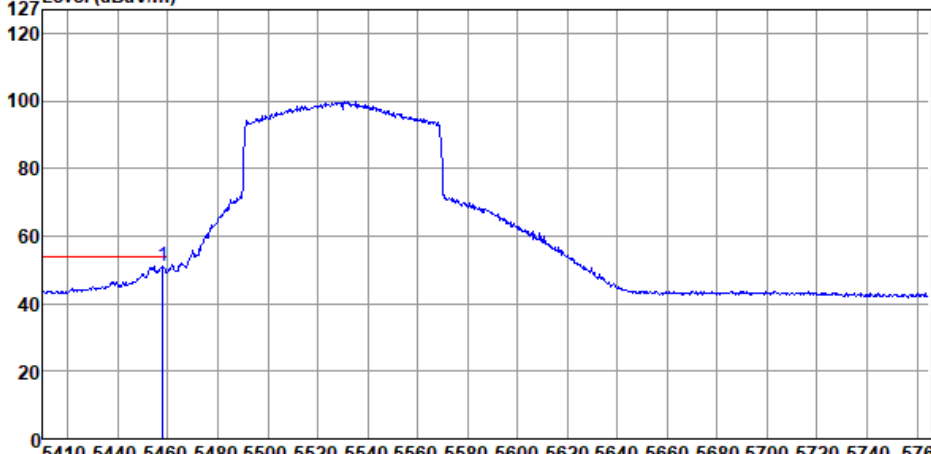
Appendix D

Modulation	ax HE80	Test Freq. (MHz)	5530																																								
Polarization	Horizontal-Peak																																										
Test By :Brad Wu Temperature(°C):24 Humidity(%):64																																											
Level (dBuV/m) 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>5458.28</td><td>62.43</td><td>74.00</td><td>-11.57</td><td>61.74</td><td>0.69</td><td>Peak</td><td>187</td><td>57</td></tr><tr><td>2</td><td>5470.00</td><td>64.53</td><td>68.20</td><td>-3.67</td><td>63.81</td><td>0.72</td><td>Peak</td><td>187</td><td>57</td></tr><tr><td>3</td><td>5728.79</td><td>54.53</td><td>68.20</td><td>-13.67</td><td>53.41</td><td>1.12</td><td>Peak</td><td>187</td><td>57</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	5458.28	62.43	74.00	-11.57	61.74	0.69	Peak	187	57	2	5470.00	64.53	68.20	-3.67	63.81	0.72	Peak	187	57	3	5728.79	54.53	68.20	-13.67	53.41	1.12	Peak	187	57
	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	5458.28	62.43	74.00	-11.57	61.74	0.69	Peak	187	57																																		
2	5470.00	64.53	68.20	-3.67	63.81	0.72	Peak	187	57																																		
3	5728.79	54.53	68.20	-13.67	53.41	1.12	Peak	187	57																																		
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Band Edge measurement

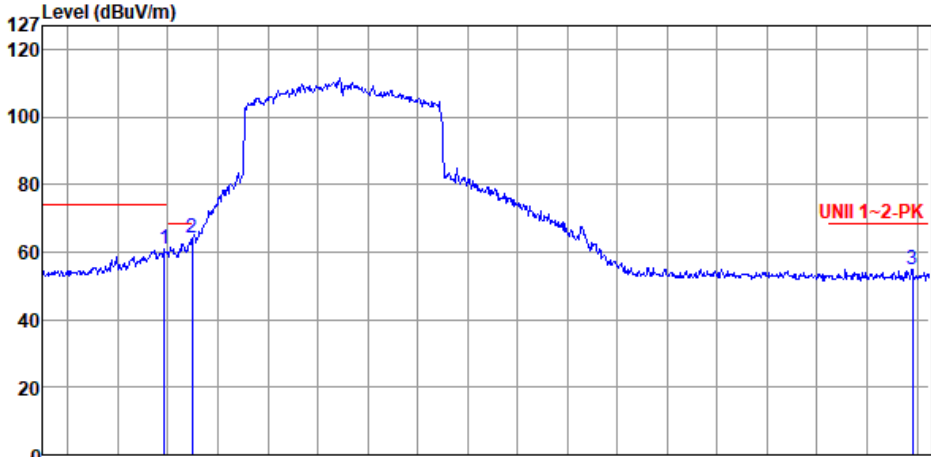
Appendix D

Modulation	ax HE80	Test Freq. (MHz)	5530																																								
Polarization	Horizontal-Average																																										
Test By :Brad Wu Temperature(°C):24 Humidity(%):64																																											
Level (dBUV/m)  Frequency (MHz) <table><tr><th></th><th>Freq.</th><th>Emission</th><th>Limit</th><th>Margin</th><th>SA</th><th>Factor</th><th>Remark</th><th>ANT</th><th>Turn</th></tr><tr><th></th><th>MHz</th><th>level</th><th>dBuV/m</th><th>dB</th><th>reading</th><th>dB/m</th><th></th><th>High</th><th>Table</th></tr><tr><th></th><th></th><th>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>5457.93</td><td>50.88</td><td>54.00</td><td>-3.12</td><td>50.19</td><td>0.69</td><td>Average</td><td>187</td><td>57</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	5457.93	50.88	54.00	-3.12	50.19	0.69	Average	187	57
	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	5457.93	50.88	54.00	-3.12	50.19	0.69	Average	187	57																																		
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)	5530																																								
Polarization	Vertical-Peak																																										
Test By :Brad Wu Temperature(°C):24 Humidity(%):64																																											
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>5458.64</td><td>60.93</td><td>74.00</td><td>-13.07</td><td>60.24</td><td>0.69</td><td>Peak</td><td>177</td><td>1</td></tr><tr><td>2</td><td>5469.64</td><td>64.09</td><td>68.20</td><td>-4.11</td><td>63.37</td><td>0.72</td><td>Peak</td><td>177</td><td>1</td></tr><tr><td>3</td><td>5758.26</td><td>54.75</td><td>68.20</td><td>-13.45</td><td>53.56</td><td>1.19</td><td>Peak</td><td>177</td><td>1</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	5458.64	60.93	74.00	-13.07	60.24	0.69	Peak	177	1	2	5469.64	64.09	68.20	-4.11	63.37	0.72	Peak	177	1	3	5758.26	54.75	68.20	-13.45	53.56	1.19	Peak	177	1
	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	5458.64	60.93	74.00	-13.07	60.24	0.69	Peak	177	1																																		
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Band Edge measurement

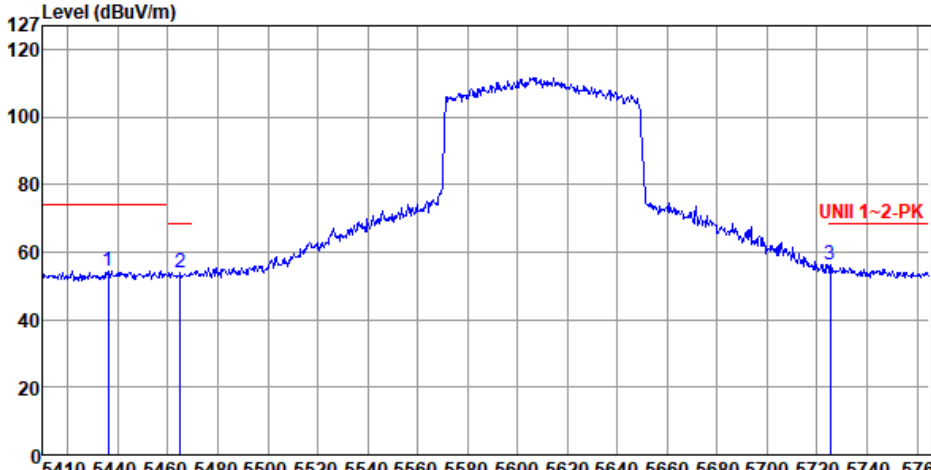
Appendix D

Modulation	ax HE80	Test Freq. (MHz)	5530																				
Polarization	Vertical-Average																						
Test By :Brad Wu Temperature(°C):24 Humidity(%):64																							
Level (dBUV/m) Frequency (MHz) <table><tr><th></th><th>Freq. MHz</th><th>Emission level dBUV/m</th><th>Limit dBUV/m</th><th>Margin dB</th><th>SA reading dBUV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>5457.93</td><td>50.53</td><td>54.00</td><td>-3.47</td><td>49.84</td><td>0.69</td><td>Average</td><td>177</td><td>1</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	5457.93	50.53	54.00	-3.47	49.84	0.69	Average	177	1
	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

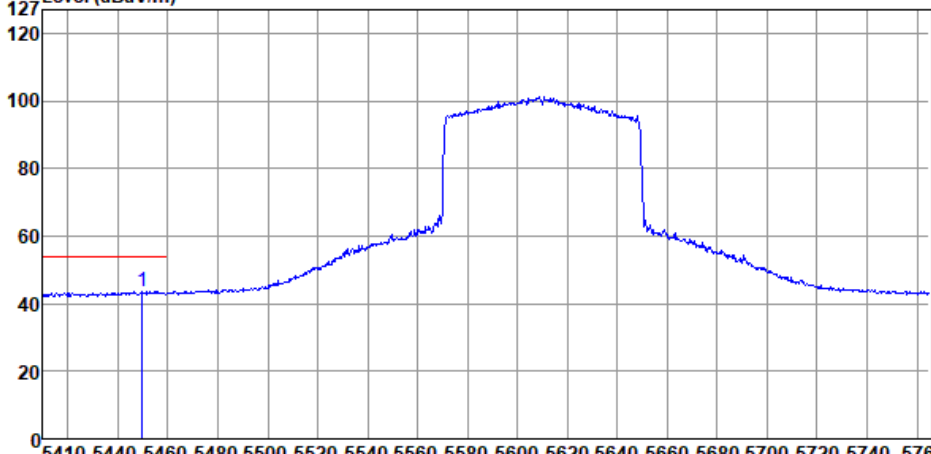
Appendix D

Modulation	ax HE80	Test Freq. (MHz)	5610																																								
Polarization	Horizontal-Peak																																										
Test By :Brad Wu Temperature(°C):24 Humidity(%):64																																											
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>5436.27</td><td>54.50</td><td>74.00</td><td>-19.50</td><td>53.90</td><td>0.60</td><td>Peak</td><td>184</td><td>56</td></tr><tr><td>2</td><td>5465.03</td><td>54.11</td><td>68.20</td><td>-14.09</td><td>53.41</td><td>0.70</td><td>Peak</td><td>184</td><td>56</td></tr><tr><td>3</td><td>5725.24</td><td>56.12</td><td>68.20</td><td>-12.08</td><td>55.01</td><td>1.11</td><td>Peak</td><td>184</td><td>56</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	5436.27	54.50	74.00	-19.50	53.90	0.60	Peak	184	56	2	5465.03	54.11	68.20	-14.09	53.41	0.70	Peak	184	56	3	5725.24	56.12	68.20	-12.08	55.01	1.11	Peak	184	56
	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

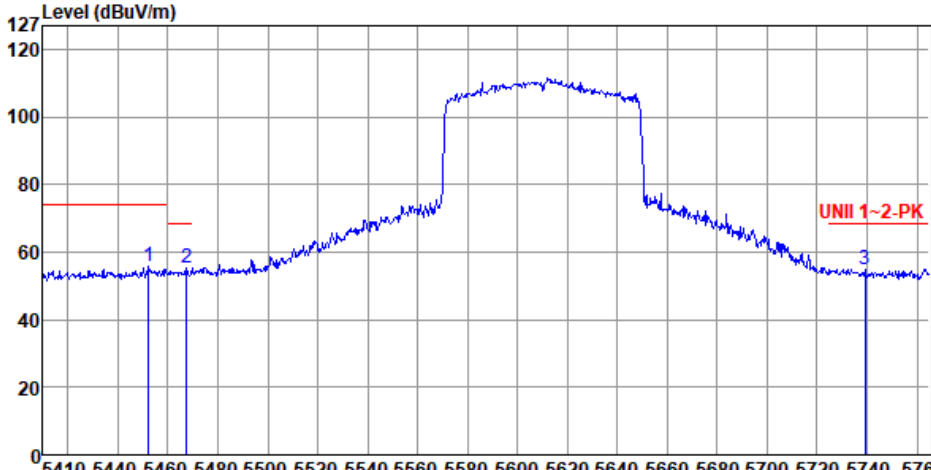
Appendix D

Modulation	ax HE80	Test Freq. (MHz)	5610																				
Polarization	Horizontal-Average																						
Test By :Brad Wu Temperature(°C):24 Humidity(%):64																							
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>5449.76</td><td>43.66</td><td>54.00</td><td>-10.34</td><td>42.99</td><td>0.67</td><td>Average</td><td>184</td><td>56</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	5449.76	43.66	54.00	-10.34	42.99	0.67	Average	184	56
	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	5449.76	43.66	54.00	-10.34	42.99	0.67	Average	184	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).																							



Band Edge measurement

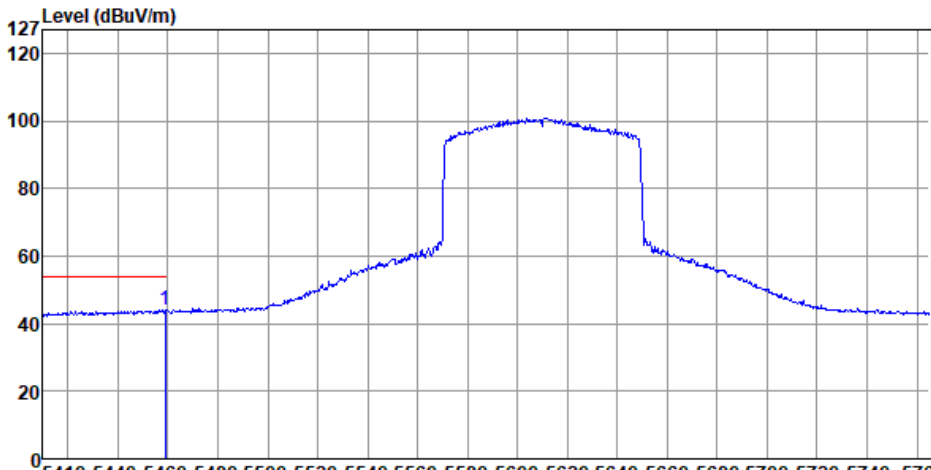
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Modulation	ax HE80	Test Freq. (MHz)	5610																																								
Polarization	Vertical-Peak																																										
Test By :Brad Wu Temperature(°C):24 Humidity(%):64																																											
Level (dBuV/m)  Frequency (MHz) <table><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>5452.25</td><td>55.76</td><td>74.00</td><td>-18.24</td><td>55.10</td><td>0.66</td><td>Peak</td><td>188</td><td>356</td></tr><tr><td>2</td><td>5467.51</td><td>55.15</td><td>68.20</td><td>-13.05</td><td>54.43</td><td>0.72</td><td>Peak</td><td>188</td><td>356</td></tr><tr><td>3</td><td>5739.09</td><td>55.01</td><td>68.20</td><td>-13.19</td><td>53.87</td><td>1.14</td><td>Peak</td><td>188</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	5452.25	55.76	74.00	-18.24	55.10	0.66	Peak	188	356	2	5467.51	55.15	68.20	-13.05	54.43	0.72	Peak	188	356	3	5739.09	55.01	68.20	-13.19	53.87	1.14	Peak	188	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	5452.25	55.76	74.00	-18.24	55.10	0.66	Peak	188	356																																		
2	5467.51	55.15	68.20	-13.05	54.43	0.72	Peak	188	356																																		
3	5739.09	55.01	68.20	-13.19	53.87	1.14	Peak	188	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

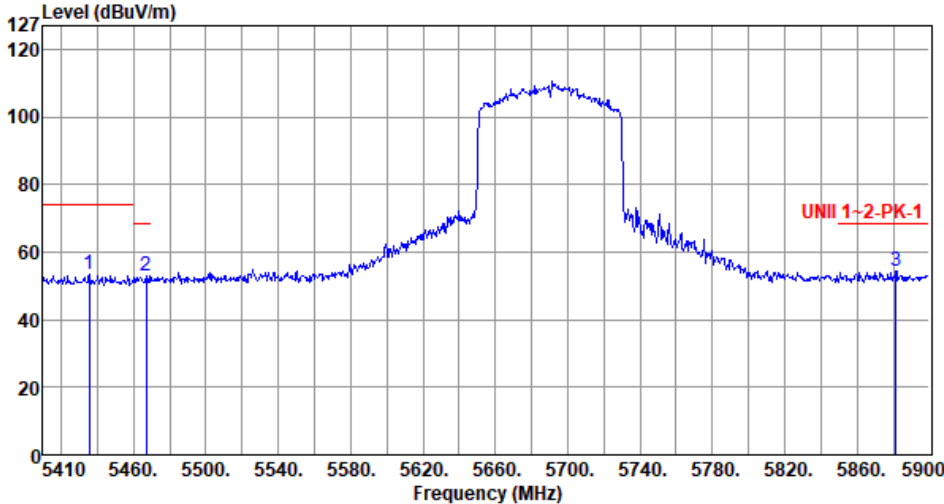
Appendix D

Modulation	ax HE80	Test Freq. (MHz)	5610																																								
Polarization	Vertical-Average																																										
Test By :Brad Wu Temperature(°C):24 Humidity(%):64																																											
Level (dBUV/m)  Frequency (MHz) <table><tr><th></th><th>Freq.</th><th>Emission</th><th>Limit</th><th>Margin</th><th>SA</th><th>Factor</th><th>Remark</th><th>ANT</th><th>Turn</th></tr><tr><th></th><th>MHz</th><th>level</th><th>dBuV/m</th><th>dB</th><th>reading</th><th>dB/m</th><th></th><th>High</th><th>Table</th></tr><tr><th></th><th></th><th>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>5458.99</td><td>44.09</td><td>54.00</td><td>-9.91</td><td>43.40</td><td>0.69</td><td>Average</td><td>188</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	5458.99	44.09	54.00	-9.91	43.40	0.69	Average	188	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	5458.99	44.09	54.00	-9.91	43.40	0.69	Average	188	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

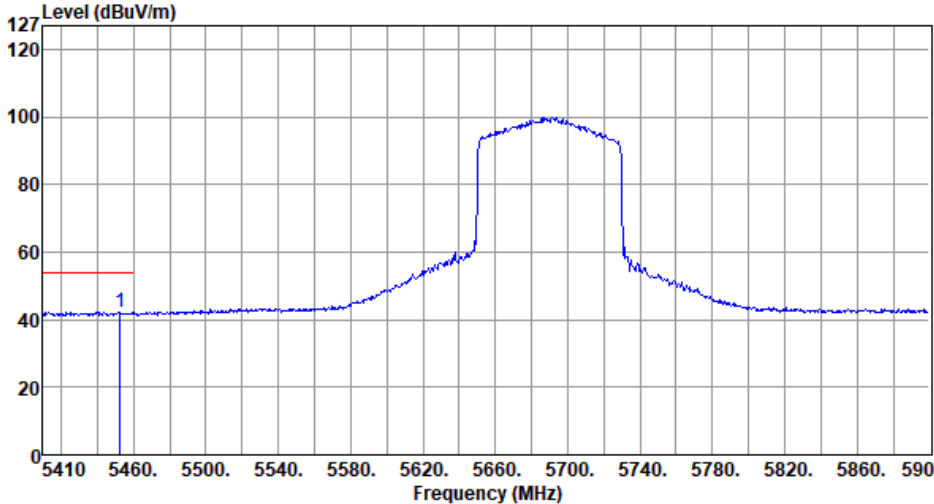
Appendix D

Modulation	ax HE80	Test Freq. (MHz)	5690																																								
Polarization	Horizontal-Peak																																										
Test By :Brad Wu Temperature(°C):24 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>5435.48</td><td>53.24</td><td>74.00</td><td>-20.76</td><td>52.65</td><td>0.59</td><td>Peak</td><td>230</td><td>52</td></tr><tr><td>2</td><td>5466.84</td><td>52.94</td><td>68.20</td><td>-15.26</td><td>52.23</td><td>0.71</td><td>Peak</td><td>230</td><td>52</td></tr><tr><td>3</td><td>5881.38</td><td>54.57</td><td>68.20</td><td>-13.63</td><td>53.01</td><td>1.56</td><td>Peak</td><td>230</td><td>52</td></tr></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5435.48	53.24	74.00	-20.76	52.65	0.59	Peak	230	52	2	5466.84	52.94	68.20	-15.26	52.23	0.71	Peak	230	52	3	5881.38	54.57	68.20	-13.63	53.01	1.56	Peak	230	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	5435.48	53.24	74.00	-20.76	52.65	0.59	Peak	230	52																																		
2	5466.84	52.94	68.20	-15.26	52.23	0.71	Peak	230	52																																		
3	5881.38	54.57	68.20	-13.63	53.01	1.56	Peak	230	52																																		
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

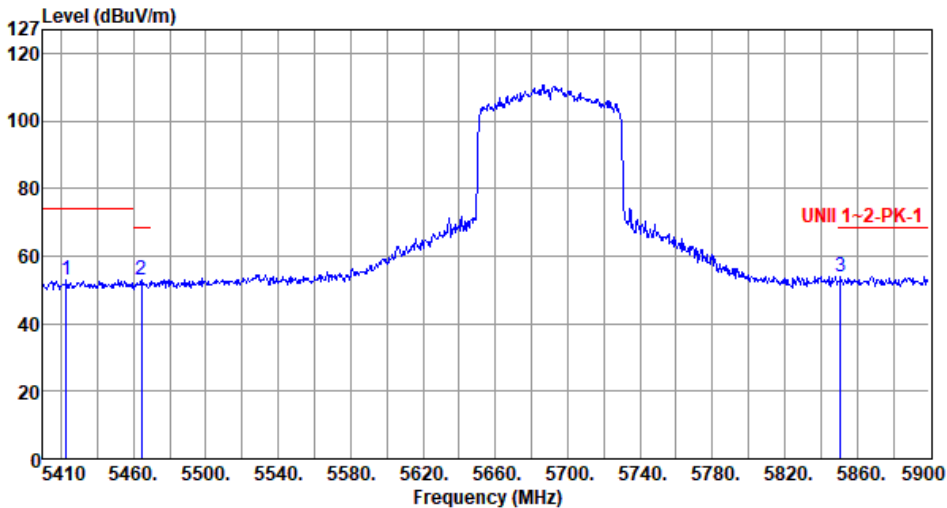
Appendix D

Modulation	ax HE80	Test Freq. (MHz)	5690																														
Polarization	Horizontal-Average																																
Test By :Brad Wu Temperature(°C):24 Humidity(%):65																																	
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>5452.63</td><td>42.41</td><td>54.00</td><td>-11.59</td><td>41.74</td><td>0.67</td><td>Average</td><td>230</td><td>52</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	5452.63	42.41	54.00	-11.59	41.74	0.67	Average	230	52
	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	5452.63	42.41	54.00	-11.59	41.74	0.67	Average	230	52																								
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-Peak																																										
Test By :Brad Wu Temperature(°C):24 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>5422.74</td><td>53.11</td><td>74.00</td><td>-20.89</td><td>52.57</td><td>0.54</td><td>Peak</td><td>170</td><td>359</td></tr><tr><td>2</td><td>5464.39</td><td>52.85</td><td>68.20</td><td>-15.35</td><td>52.15</td><td>0.70</td><td>Peak</td><td>170</td><td>359</td></tr><tr><td>3</td><td>5851.00</td><td>53.97</td><td>68.20</td><td>-14.23</td><td>52.55</td><td>1.42</td><td>Peak</td><td>170</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	5422.74	53.11	74.00	-20.89	52.57	0.54	Peak	170	359	2	5464.39	52.85	68.20	-15.35	52.15	0.70	Peak	170	359	3	5851.00	53.97	68.20	-14.23	52.55	1.42	Peak	170	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	5422.74	53.11	74.00	-20.89	52.57	0.54	Peak	170	359																																		
2	5464.39	52.85	68.20	-15.35	52.15	0.70	Peak	170	359																																		
3	5851.00	53.97	68.20	-14.23	52.55	1.42	Peak	170	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

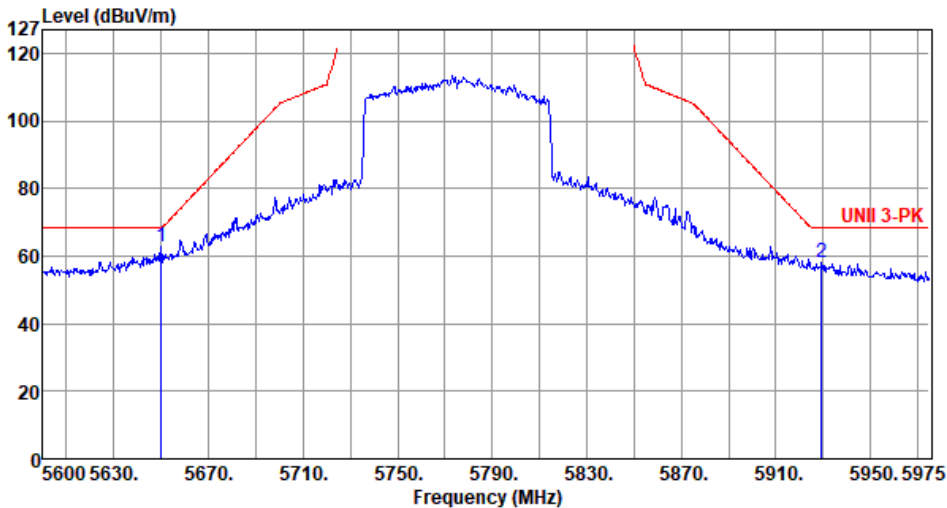
Appendix D

Modulation	ax HE80	Test Freq. (MHz)	5690																				
Polarization	Vertical-Average																						
Test By :Brad Wu Temperature(°C):24 Humidity(%):65																							
Level (dBuV/m) Frequency (MHz) <table><thead><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>5454.59</td><td>42.39</td><td>54.00</td><td>-11.61</td><td>41.72</td><td>0.67</td><td>Average</td><td>170</td><td>359</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	5454.59	42.39	54.00	-11.61	41.72	0.67	Average	170	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	5454.59	42.39	54.00	-11.61	41.72	0.67	Average	170	359														



Band Edge measurement

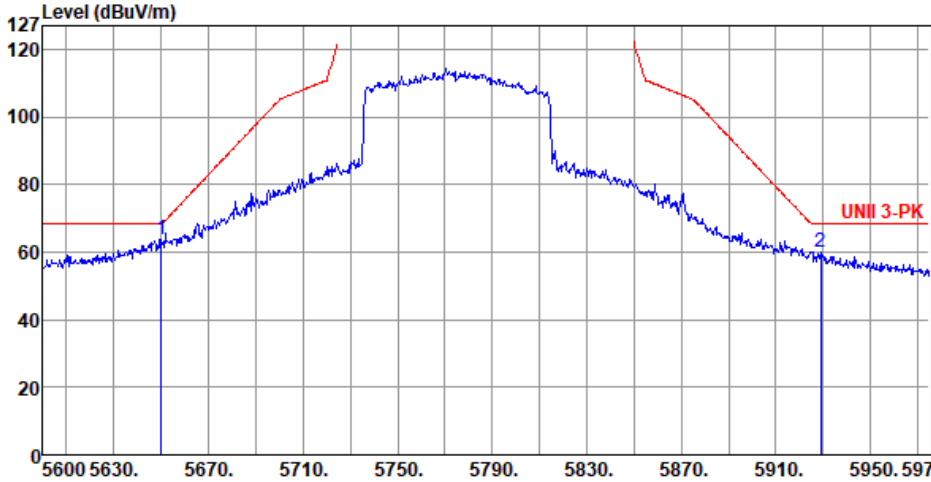
Appendix D

Modulation	ax HE80	Test Freq. (MHz)	5775																														
Polarization	Horizontal-Peak																																
Test By :Brad Wu Temperature(°C):24 Humidity(%):64																																	
Level (dBuV/m)  Frequency (MHz) <table><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>5649.88</td><td>62.68</td><td>68.20</td><td>-5.52</td><td>61.76</td><td>0.92</td><td>Peak</td><td>228</td><td>68</td></tr><tr><td>2</td><td>5929.25</td><td>58.00</td><td>68.20</td><td>-10.20</td><td>56.34</td><td>1.66</td><td>Peak</td><td>228</td><td>68</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	5649.88	62.68	68.20	-5.52	61.76	0.92	Peak	228	68	2	5929.25	58.00	68.20	-10.20	56.34	1.66	Peak	228	68
	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	62.68	68.20	-5.52	61.76	0.92	Peak	228	68																								
2	5929.25	58.00	68.20	-10.20	56.34	1.66	Peak	228	68																								
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):24 Humidity(%):64																																	
Level (dBuV/m)  Frequency (MHz) <table><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>5649.88</td><td>63.65</td><td>68.20</td><td>-4.55</td><td>62.73</td><td>0.92</td><td>Peak</td><td>174</td><td>4</td></tr><tr><td>2</td><td>5928.88</td><td>60.14</td><td>68.20</td><td>-8.06</td><td>58.48</td><td>1.66</td><td>Peak</td><td>174</td><td>4</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	5649.88	63.65	68.20	-4.55	62.73	0.92	Peak	174	4	2	5928.88	60.14	68.20	-8.06	58.48	1.66	Peak	174	4
	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	63.65	68.20	-4.55	62.73	0.92	Peak	174	4																								
2	5928.88	60.14	68.20	-8.06	58.48	1.66	Peak	174	4																								
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

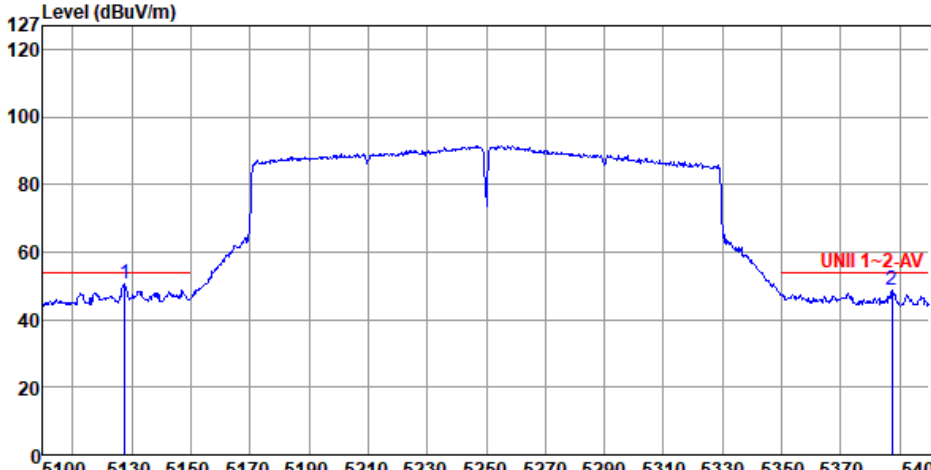
Appendix D

Modulation	ax HE160	Test Freq. (MHz)	5250																														
Polarization	Horizontal-Peak																																
Test By :Brad Wu Temperature(°C):24 Humidity(%):64																																	
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>5127.00</td><td>59.56</td><td>74.00</td><td>-14.44</td><td>58.52</td><td>1.04</td><td>Peak</td><td>166</td><td>302</td></tr><tr><td>2</td><td>5387.70</td><td>57.90</td><td>74.00</td><td>-16.10</td><td>57.49</td><td>0.41</td><td>Peak</td><td>166</td><td>302</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	5127.00	59.56	74.00	-14.44	58.52	1.04	Peak	166	302	2	5387.70	57.90	74.00	-16.10	57.49	0.41	Peak	166	302
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																								
1	5127.00	59.56	74.00	-14.44	58.52	1.04	Peak	166	302																								
2	5387.70	57.90	74.00	-16.10	57.49	0.41	Peak	166	302																								
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):24 Humidity(%):64																																											
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>5127.60</td><td>50.83</td><td>54.00</td><td>-3.17</td><td>49.78</td><td>1.05</td><td>Average</td><td>166</td><td>302</td></tr><tr><td>2</td><td>5387.40</td><td>48.92</td><td>54.00</td><td>-5.08</td><td>48.52</td><td>0.40</td><td>Average</td><td>166</td><td>302</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	5127.60	50.83	54.00	-3.17	49.78	1.05	Average	166	302	2	5387.40	48.92	54.00	-5.08	48.52	0.40	Average	166	302
	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	5127.60	50.83	54.00	-3.17	49.78	1.05	Average	166	302																																		
2	5387.40	48.92	54.00	-5.08	48.52	0.40	Average	166	302																																		
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-Peak																																
Test By :Brad Wu Temperature(°C):24 Humidity(%):64																																	
Level (dBuV/m) 127 120 100 80 60 40 20 0 5100 5130 5150 5170 5190 5210 5230 5250 5270 5290 5310 5330 5350 5370 5400 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>5127.60</td><td>62.18</td><td>74.00</td><td>-11.82</td><td>61.13</td><td>1.05</td><td>Peak</td><td>159</td><td>351</td></tr><tr><td>2</td><td>5387.70</td><td>58.27</td><td>74.00</td><td>-15.73</td><td>57.86</td><td>0.41</td><td>Peak</td><td>159</td><td>351</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	5127.60	62.18	74.00	-11.82	61.13	1.05	Peak	159	351	2	5387.70	58.27	74.00	-15.73	57.86	0.41	Peak	159	351
	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	5127.60	62.18	74.00	-11.82	61.13	1.05	Peak	159	351																								
2	5387.70	58.27	74.00	-15.73	57.86	0.41	Peak	159	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).																																	



Band Edge measurement

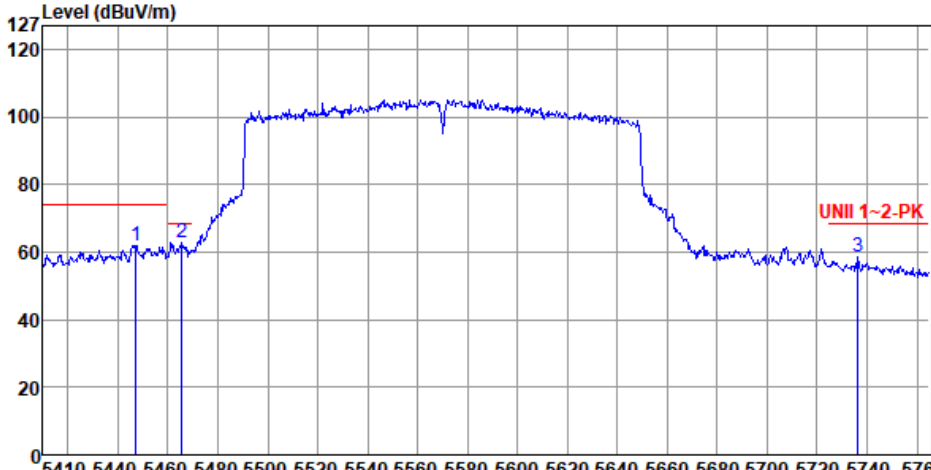
Appendix D

Modulation	ax HE160	Test Freq. (MHz)	5250																														
Polarization	Vertical-Average																																
Test By :Brad Wu Temperature(°C):24 Humidity(%):64																																	
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>5127.00</td><td>53.62</td><td>54.00</td><td>-0.38</td><td>52.58</td><td>1.04</td><td>Average</td><td>159</td><td>351</td></tr><tr><td>2</td><td>5386.50</td><td>48.74</td><td>54.00</td><td>-5.26</td><td>48.34</td><td>0.40</td><td>Average</td><td>159</td><td>351</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	5127.00	53.62	54.00	-0.38	52.58	1.04	Average	159	351	2	5386.50	48.74	54.00	-5.26	48.34	0.40	Average	159	351
	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	5127.00	53.62	54.00	-0.38	52.58	1.04	Average	159	351																								
2	5386.50	48.74	54.00	-5.26	48.34	0.40	Average	159	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).																																	



Band Edge measurement

Appendix D

Modulation	ax HE160	Test Freq. (MHz)	5570																																								
Polarization	Horizontal-Peak																																										
Test By :Brad Wu Temperature(°C):24 Humidity(%):64																																											
Level (dBuV/m)  Frequency (MHz) <table><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>5447.28</td><td>62.02</td><td>74.00</td><td>-11.98</td><td>61.37</td><td>0.65</td><td>Peak</td><td>192</td><td>46</td></tr><tr><td>2</td><td>5465.74</td><td>62.63</td><td>68.20</td><td>-5.57</td><td>61.92</td><td>0.71</td><td>Peak</td><td>192</td><td>46</td></tr><tr><td>3</td><td>5736.25</td><td>58.53</td><td>68.20</td><td>-9.67</td><td>57.40</td><td>1.13</td><td>Peak</td><td>192</td><td>46</td></tr></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5447.28	62.02	74.00	-11.98	61.37	0.65	Peak	192	46	2	5465.74	62.63	68.20	-5.57	61.92	0.71	Peak	192	46	3	5736.25	58.53	68.20	-9.67	57.40	1.13	Peak	192	46
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																		
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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):24 Humidity(%):64																							
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>5452.25</td><td>53.60</td><td>54.00</td><td>-0.40</td><td>52.94</td><td>0.66</td><td>Average</td><td>192</td><td>46</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	5452.25	53.60	54.00	-0.40	52.94	0.66	Average	192	46
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg														
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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	Vertical-Peak																																																														
Test By :Brad Wu Temperature(°C):24 Humidity(%):64																																																															
Level (dBuV/m) 127 120 100 80 60 40 20 0 5410 5440.5460.5480.5500.5520.5540.5560.5580.5600.5620.5640.5660.5680.5700.5720.5740. 5765 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>5448.34</td><td>62.64</td><td>74.00</td><td>-11.36</td><td>61.98</td><td>0.66</td><td>Peak</td><td>181</td><td>2</td></tr><tr><td>2</td><td>5462.19</td><td>62.15</td><td>68.20</td><td>-6.05</td><td>61.46</td><td>0.69</td><td>Peak</td><td>188</td><td>356</td></tr><tr><td>3</td><td>5730.92</td><td>58.90</td><td>68.20</td><td>-9.30</td><td>57.78</td><td>1.12</td><td>Peak</td><td>181</td><td>2</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	5448.34	62.64	74.00	-11.36	61.98	0.66	Peak	181	2	2	5462.19	62.15	68.20	-6.05	61.46	0.69	Peak	188	356	3	5730.92	58.90	68.20	-9.30	57.78	1.12	Peak	181	2
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																																						
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Band Edge measurement

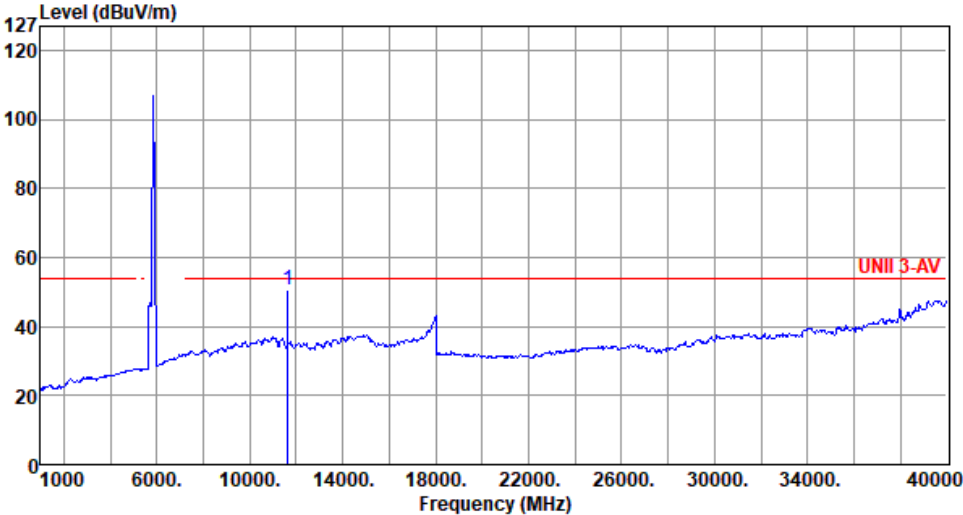
Appendix D

Modulation	ax HE160	Test Freq. (MHz)	5570																																								
Polarization	Vertical-Average																																										
Test By :Brad Wu Temperature(°C):24 Humidity(%):64																																											
Level (dBUV/m) Frequency (MHz) <table><thead><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></thead><tbody><tr><td>1</td><td>5447.28</td><td>53.87</td><td>54.00</td><td>-0.13</td><td>53.22</td><td>0.65</td><td>Average</td><td>181</td><td>2</td></tr></tbody></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	5447.28	53.87	54.00	-0.13	53.22	0.65	Average	181	2
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																		
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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).																																											



Worst Trace measurement

Appendix D

Modulation	11a	Test Freq. (MHz)	5825																				
Polarization	Horizontal-Peak																						
Test By :Brad Wu- Temperature(°C):24 Humidity(%):65																							
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>11650.00</td><td>50.78</td><td>54.00</td><td>-3.22</td><td>42.12</td><td>8.66</td><td>Average</td><td>169</td><td>351</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	11650.00	50.78	54.00	-3.22	42.12	8.66	Average	169	351
	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	11650.00	50.78	54.00	-3.22	42.12	8.66	Average	169	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).																							



Worst Trace measurement

Appendix D

Modulation	11a	Test Freq. (MHz)	5825																														
Polarization	Horizontal-Average																																
Test By :Brad Wu- Temperature(°C):24 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>11650.00</td><td>65.11</td><td>74.00</td><td>-8.89</td><td>56.45</td><td>8.66</td><td>Peak</td><td>172</td><td>309</td></tr><tr><td>2</td><td>17475.00</td><td>58.22</td><td>68.20</td><td>-9.98</td><td>50.02</td><td>8.20</td><td>Peak</td><td>129</td><td>336</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	11650.00	65.11	74.00	-8.89	56.45	8.66	Peak	172	309	2	17475.00	58.22	68.20	-9.98	50.02	8.20	Peak	129	336
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1	11650.00	65.11	74.00	-8.89	56.45	8.66	Peak	172	309																								
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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).																																	



Worst Trace measurement

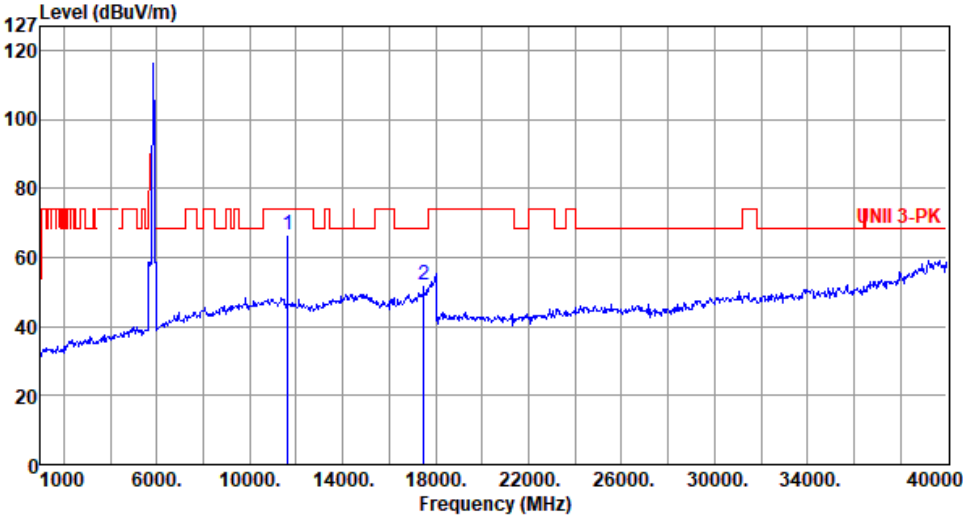
Appendix D

Modulation	11a	Test Freq. (MHz)	5825						
Polarization	Vertical-Peak								
Test By :Brad Wu- Temperature(°C):24 Humidity(%):65									
Level (dBUV/m) UNIT 3-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	11650.00	48.96	54.00	-5.04	40.30	8.66	Average	172	309
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).									



Worst Trace measurement

Appendix D

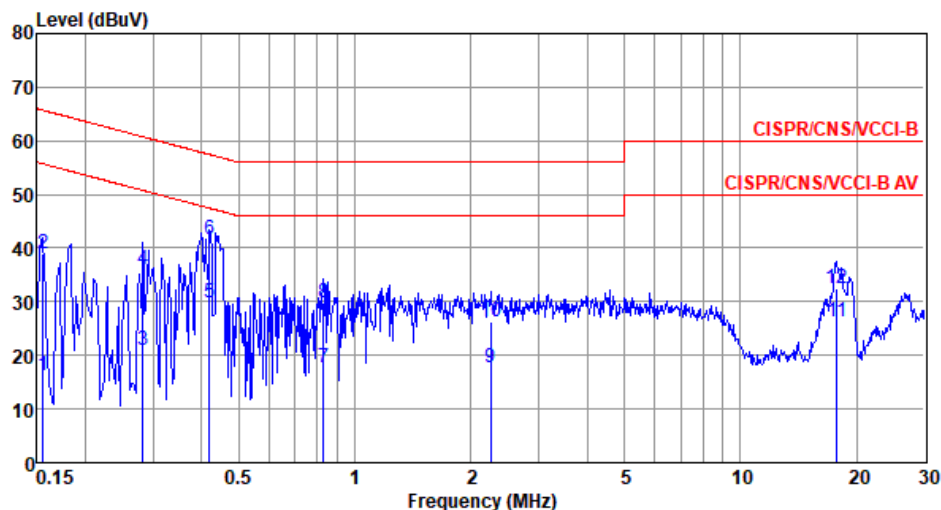
Modulation	11a	Test Freq. (MHz)	5825																																								
Polarization	Vertical-Average																																										
Test By :Brad Wu- Temperature(°C):24 Humidity(%):65																																											
Level (dBUV/m)  Frequency (MHz) <table><tr><th></th><th>Freq.</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>11650.00</td><td>66.39</td><td>74.00</td><td>-7.61</td><td>57.73</td><td>8.66</td><td>Peak</td><td>169</td><td>351</td></tr><tr><td>2</td><td>17475.00</td><td>52.14</td><td>68.20</td><td>-16.06</td><td>43.94</td><td>8.20</td><td>Peak</td><td>308</td><td>165</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	11650.00	66.39	74.00	-7.61	57.73	8.66	Peak	169	351	2	17475.00	52.14	68.20	-16.06	43.94	8.20	Peak	308	165
	Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table																																		
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Frequency: 5300 MHz	Frequency Drift (ppm)			
Temperature (°C)	0 minute	2 minutes	5 minutes	10 minutes
T20°C Vmax	-5.11	-5.15	-4.86	-4.55
T20°C Vmin	-5.32	-4.78	-5.26	-5.83
T60°C Vnom	-14.68	-14.25	-14.22	-14.48
T50°C Vnom	-11.23	-11.00	-11.22	-11.12
T40°C Vnom	-10.02	-11.08	-10.47	-10.21
T30°C Vnom	-7.60	-7.28	-6.92	-7.36
T20°C Vnom	-5.15	-4.41	-5.05	-4.89
T10°C Vnom	-2.35	-2.50	-2.61	-2.30
T0°C Vnom	-0.24	-0.13	-0.07	0.09
T-10°C Vnom	1.56	1.91	2.01	2.12
T-20°C Vnom	3.21	3.10	2.71	3.53
T-30°C Vnom	9.62	9.89	9.94	9.27
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°C Vmax	-4.68	-4.92	-4.64	-4.24
T20°C Vmin	-4.87	-4.59	-4.85	-4.86
T60°C Vnom	-15.21	-14.79	-15.08	-15.33
T50°C Vnom	-12.02	-11.84	-11.65	-11.40
T40°C Vnom	-10.90	-10.20	-10.36	-10.77
T30°C Vnom	-6.96	-6.47	-6.71	-6.41
T20°C Vnom	-4.72	-4.61	-4.14	-4.13
T10°C Vnom	-2.15	-1.93	-2.16	-2.17
T0°C Vnom	-0.22	-0.01	-0.60	-0.06
T-10°C Vnom	1.43	1.61	2.03	1.45
T-20°C Vnom	2.94	3.13	3.14	2.64
T-30°C Vnom	8.82	9.57	9.34	8.44
Vnom [V]: 120	Vmax [V]: 138		Vmin [V]: 102	
Tnom [°C]: 20	Tmax [°C]: 60		Tmin [°C]: -30	

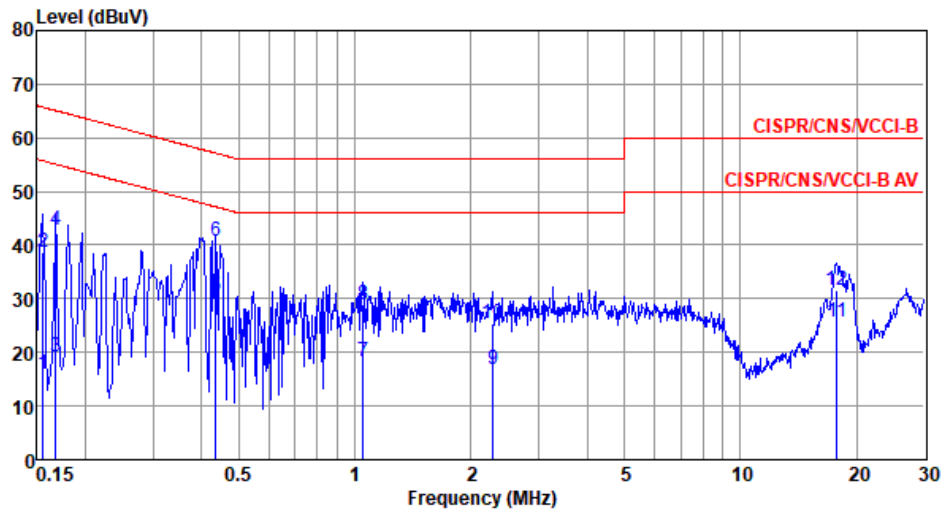
Modulation Mode	ax HE40	Test Freq. (MHz)	5755
Power Phase	Line		



	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	LISN factor dB	cable loss dB	Remark
1	0.156	16.21	55.69	-39.48	6.53	9.65	0.03	Average
2	0.156	38.92	65.69	-26.77	29.24	9.65	0.03	QP
3	0.282	21.07	50.76	-29.69	11.39	9.64	0.04	Average
4	0.282	36.04	60.76	-24.72	26.36	9.64	0.04	QP
5	0.419	29.86	47.46	-17.60	20.18	9.64	0.04	Average
6*	0.419	41.70	57.46	-15.76	32.02	9.64	0.04	QP
7	0.830	17.83	46.00	-28.17	8.12	9.65	0.06	Average
8	0.830	29.82	56.00	-26.18	20.11	9.65	0.06	QP
9	2.249	17.73	46.00	-28.27	7.98	9.65	0.10	Average
10	2.249	26.27	56.00	-29.73	16.52	9.65	0.10	QP
11	17.755	26.40	50.00	-23.60	16.41	9.70	0.29	Average
12	17.755	32.41	60.00	-27.59	22.42	9.70	0.29	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)	5755
Power Phase	Neutral		



	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	LISN factor dB	cable loss dB	Remark
1	0.156	15.94	55.69	-39.75	6.27	9.64	0.03	Average
2	0.156	38.54	65.69	-27.15	28.87	9.64	0.03	QP
3	0.168	19.25	55.08	-35.83	9.58	9.64	0.03	Average
4	0.168	42.85	65.08	-22.23	33.18	9.64	0.03	QP
5	0.435	30.29	47.15	-16.86	20.62	9.63	0.04	Average
6*	0.435	40.61	57.15	-16.54	30.94	9.63	0.04	QP
7	1.049	18.35	46.00	-27.65	8.65	9.64	0.06	Average
8	1.049	29.01	56.00	-26.99	19.31	9.64	0.06	QP
9	2.285	16.89	46.00	-29.11	7.14	9.65	0.10	Average
10	2.285	25.28	56.00	-30.72	15.53	9.65	0.10	QP
11	17.755	25.57	50.00	-24.43	15.50	9.78	0.29	Average
12	17.755	31.56	60.00	-28.44	21.49	9.78	0.29	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).