



WIFI	U-NII 5 - 5925-6425MHz Band Edge @ 3m																																																																													
ANT	802.11ax HE160 Full CH15 6025MHz																																																																													
1+2	Vertical	Fundamental																																																																												
<p>Peak</p>	<p>Site : 032905-KS Condition : WIFI 6E PEAK 3m 3317.5M 75957 VERTICAL Project : RSM-1000.000MHz VBR-3000.000MHz SRT-Auto Mode : FRS 102901 Plane : Y Full-directivity MEI : 14.5 Powersetting : RFI</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dBuV</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5918.76</td> <td>69.77</td> <td>-18.53</td> <td>88.30</td> <td>59.96</td> <td>35.20</td> <td>11.40</td> <td>36.79</td> <td>100</td> <td>326 Peak</td> <td>VERTICAL</td> </tr> </tbody> </table>	Freq	Level	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	cm	deg			1	5918.76	69.77	-18.53	88.30	59.96	35.20	11.40	36.79	100	326 Peak	VERTICAL	<p>Site : 032905-KS Condition : WIFI 6E PEAK 3m 3317.5M 75957 VERTICAL Project : RSM-1000.000MHz VBR-3000.000MHz SRT-Auto Mode : FRS 102901 Plane : Y Full-directivity MEI : 14.5 Powersetting : RFI</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dBuV</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>6013.00</td> <td>98.67</td> <td>10.37</td> <td>88.30</td> <td>88.76</td> <td>35.31</td> <td>11.48</td> <td>36.88</td> <td>100</td> <td>326 Peak</td> <td>VERTICAL</td> </tr> <tr> <td>2</td> <td>6013.00</td> <td>70.01</td> <td>21.71</td> <td>68.30</td> <td>80.10</td> <td>35.31</td> <td>11.48</td> <td>36.88</td> <td>100</td> <td>326 Average</td> <td>VERTICAL</td> </tr> </tbody> </table>	Freq	Level	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	cm	deg			1	6013.00	98.67	10.37	88.30	88.76	35.31	11.48	36.88	100	326 Peak	VERTICAL	2	6013.00	70.01	21.71	68.30	80.10	35.31	11.48	36.88	100	326 Average	VERTICAL
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WIFI 802.11ax HE160 Full (Harmonic @ 3m)

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ANT	802.11ax HE160 Full CH15 6025MHz																																																							
1+2	Horizontal	Vertical																																																						
Peak Avg.	<p>Site : 032005-KS Condition : WIFI 4E PEAK 3m 3317 SM 79957 HORIZONTAL Project : R98-1000-0000MHz V98-3000-0000MHz CRT-Auto Mode : OFDM Plane : Y Full-directivity : Y MEI : 14.5 Powersetting : 427</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Line</th> <th>Level</th> <th>Factor</th> <th>Loss</th> <th>Factor</th> <th></th> </tr> </thead> <tbody> <tr> <td>1 12048.00</td> <td>44.70</td> <td>-29.30</td> <td>74.00</td> <td>55.48</td> <td>38.53</td> <td>16.70</td> <td>66.01</td> <td>300 0 Peak HORIZONTAL</td> </tr> </tbody> </table>	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Limit	Line	Level	Factor	Loss	Factor		1 12048.00	44.70	-29.30	74.00	55.48	38.53	16.70	66.01	300 0 Peak HORIZONTAL	<p>Site : 032005-KS Condition : WIFI 4E PEAK 3m 3317 SM 79957 VERTICAL Project : R98-1000-0000MHz V98-3000-0000MHz CRT-Auto Mode : OFDM Plane : Y Full-directivity : Y MEI : 14.5 Powersetting : 427</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Line</th> <th>Level</th> <th>Factor</th> <th>Loss</th> <th>Factor</th> <th></th> </tr> </thead> <tbody> <tr> <td>1 12048.00</td> <td>47.47</td> <td>-26.53</td> <td>74.00</td> <td>58.25</td> <td>38.53</td> <td>16.70</td> <td>66.01</td> <td>100 0 Peak VERTICAL</td> </tr> </tbody> </table>	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Limit	Line	Level	Factor	Loss	Factor		1 12048.00	47.47	-26.53	74.00	58.25	38.53	16.70	66.01	100 0 Peak VERTICAL
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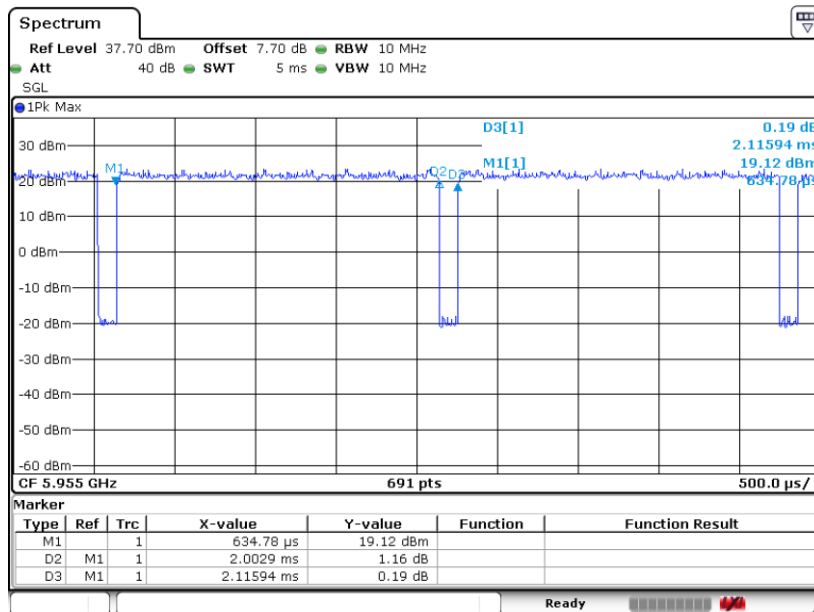
Note: Pre-scanned for 18GHz to 40GHz, there are no signals, thus only test data below 18GHz are shown in the report.



Appendix E. Duty Cycle Plots

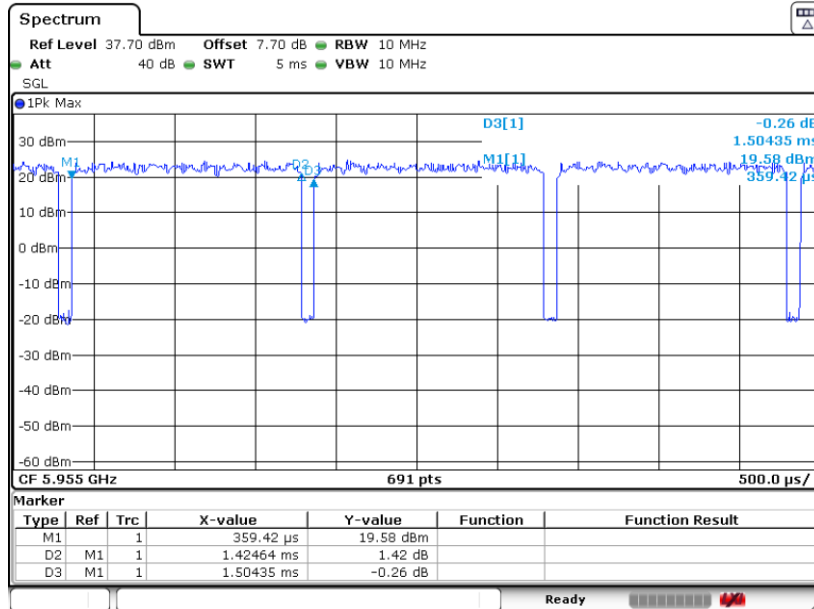
Antenna	Band	Duty Cycle(%)	T(ms)	1/T(kHz)	VBW Setting
1+2	802.11a	94.66	2.003	0.499	0.51KHz
1+2	802.11ax HE20	94.70	1.425	0.702	0.75KHz
1+2	802.11ax HE20-RU-106	100	-	-	10Hz
1+2	802.11ax HE40	93.76	0.741	1.350	1.5KHz
1+2	802.11ax HE40-RU-242	99.19	-	-	10Hz
1+2	802.11ax HE80	93.58	0.549	1.821	2KHz
1+2	802.11ax HE80-RU-484	98.14	-	-	10Hz
1+2	802.11ax HE160	93.66	0.557	1.797	2KHz
1+2	802.11ax HE160-RU-996	98.73	-	-	10Hz

802.11a

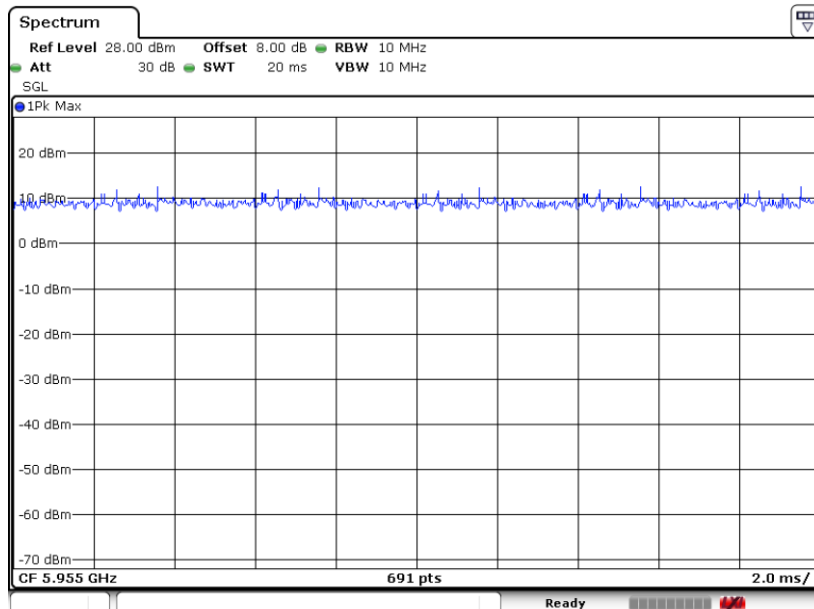




802.11ax HE20

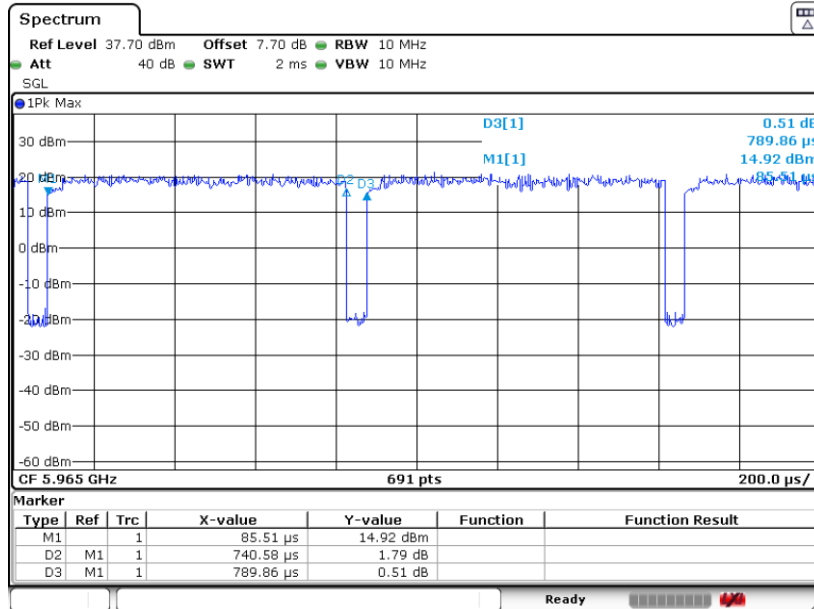


802.11ax HE20-RU-106

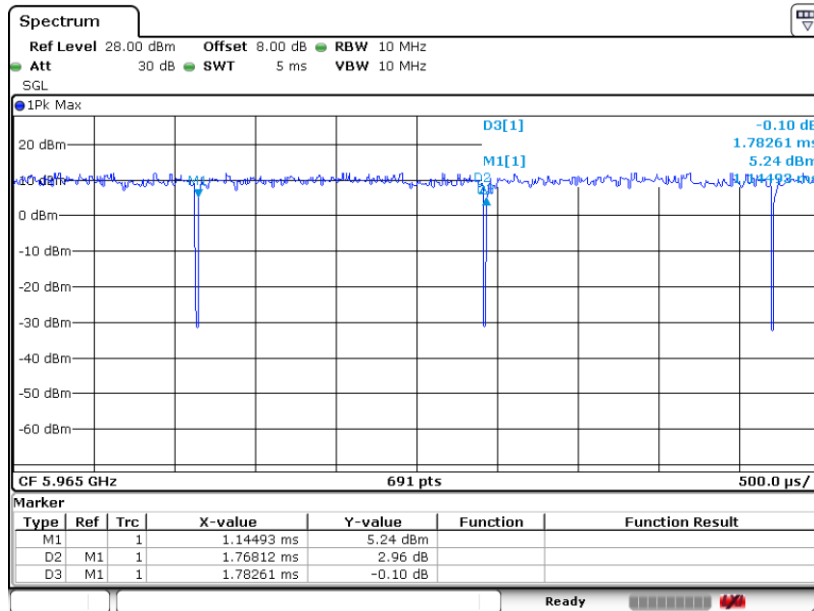




802.11ax HE40

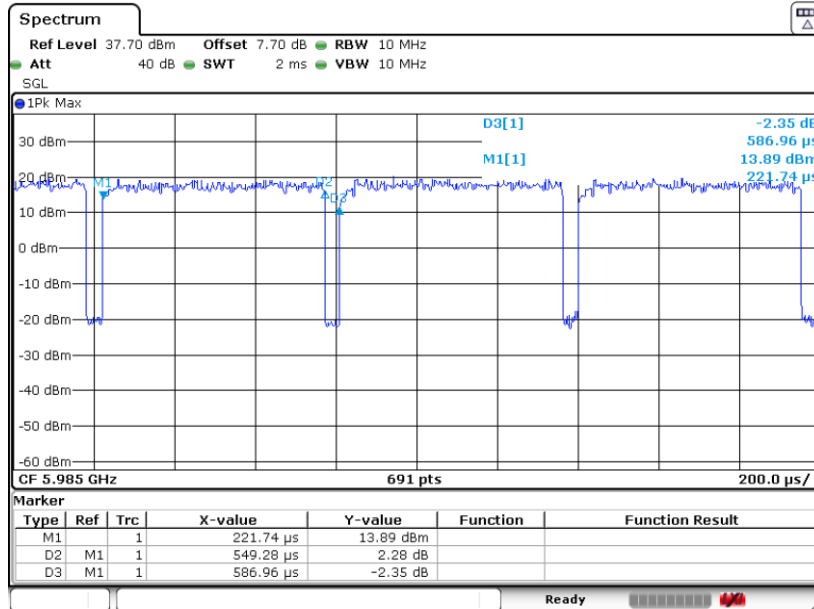


802.11ax HE40-RU-242

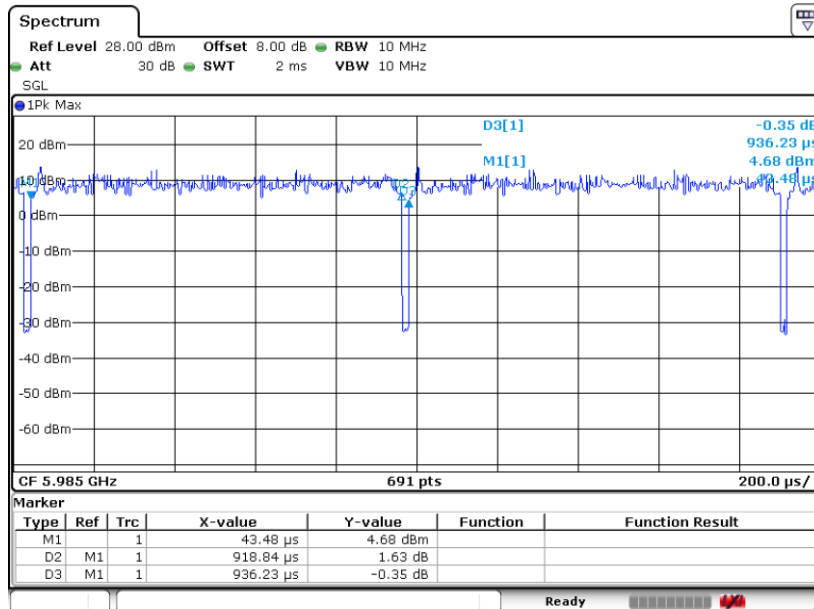




802.11ax HE80

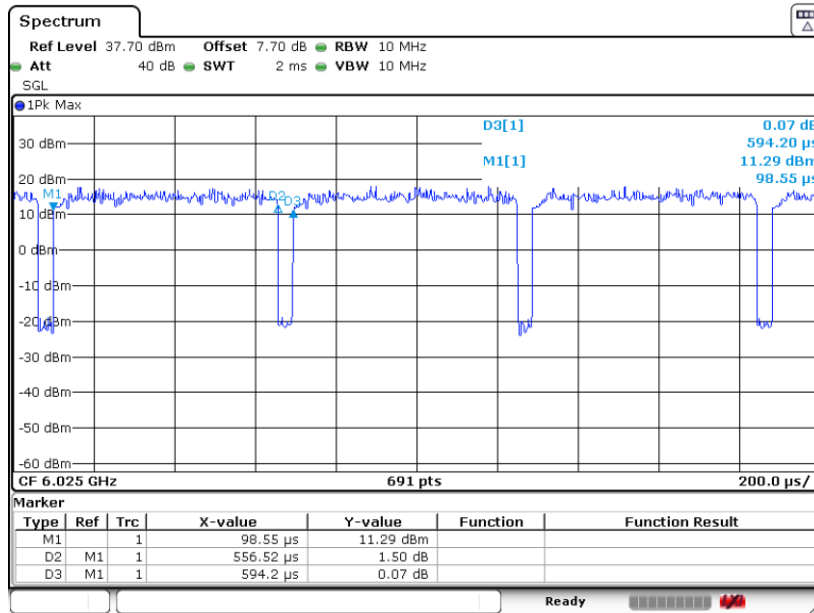


802.11ax HE80-RU-484





802.11ax HE160



802.11ax HE160-RU-996

