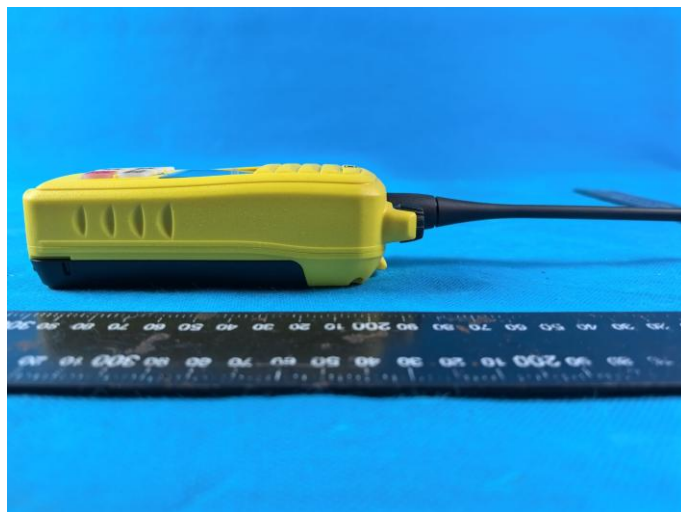
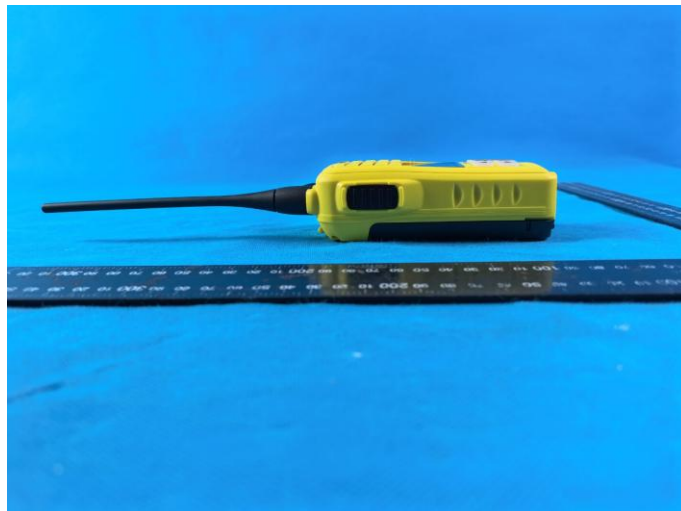
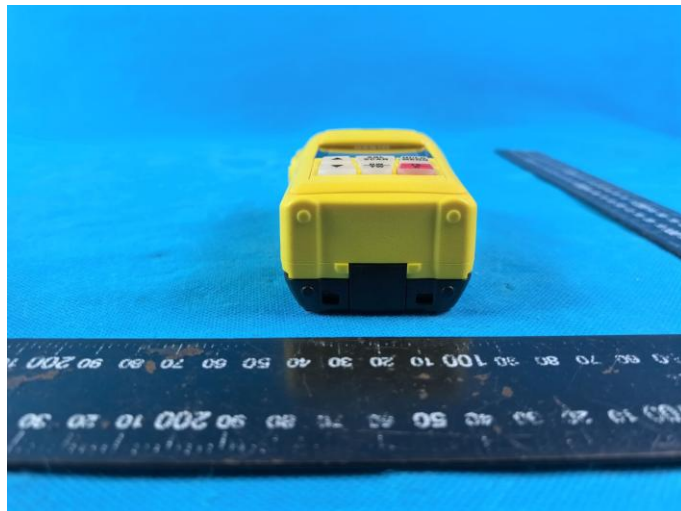
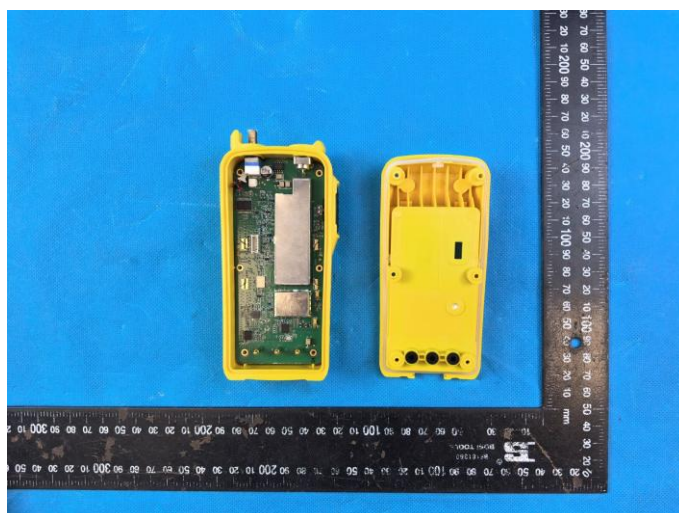
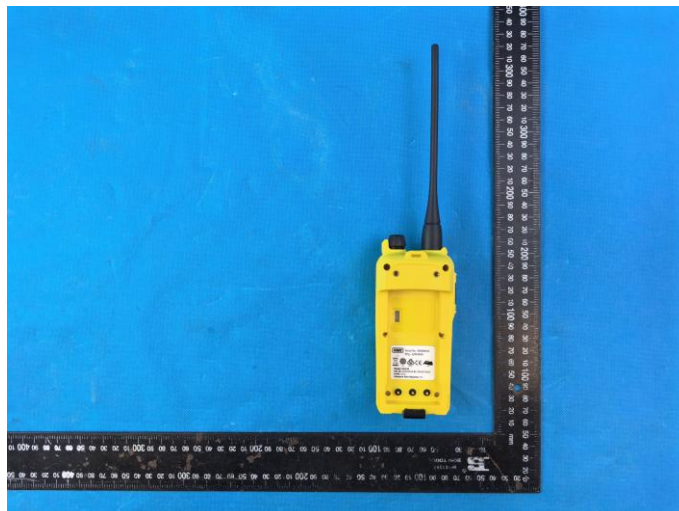
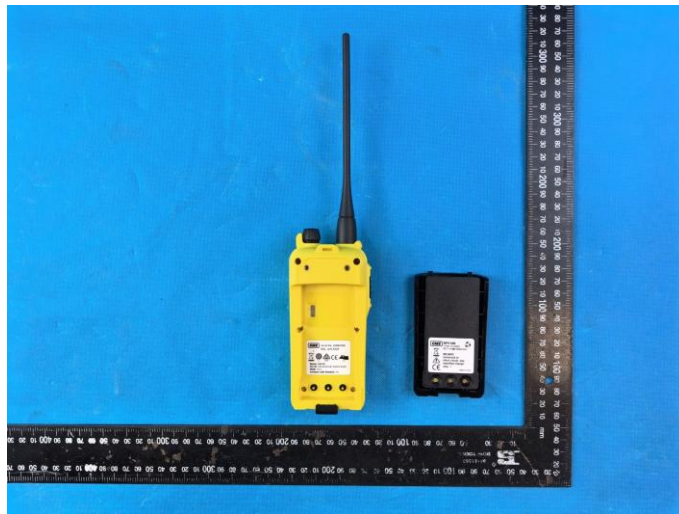


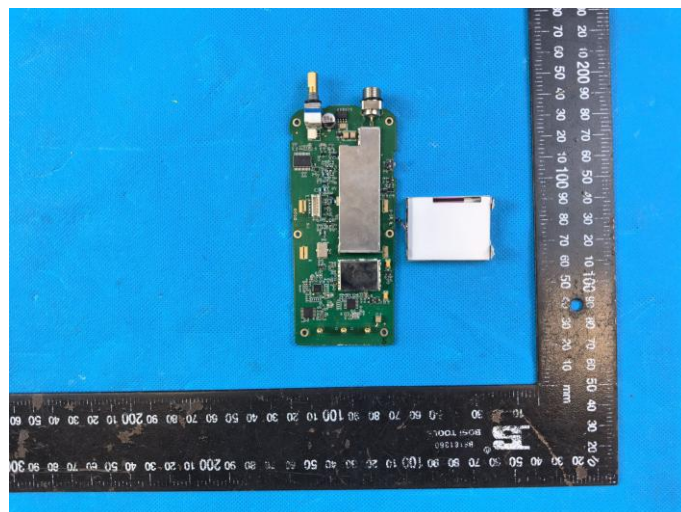
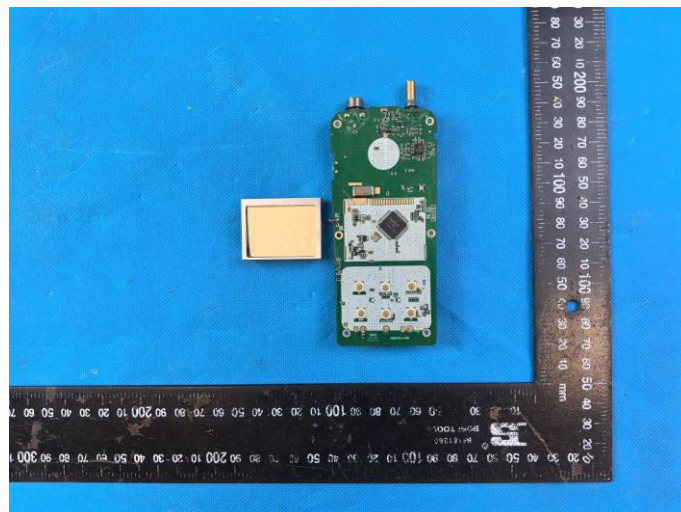


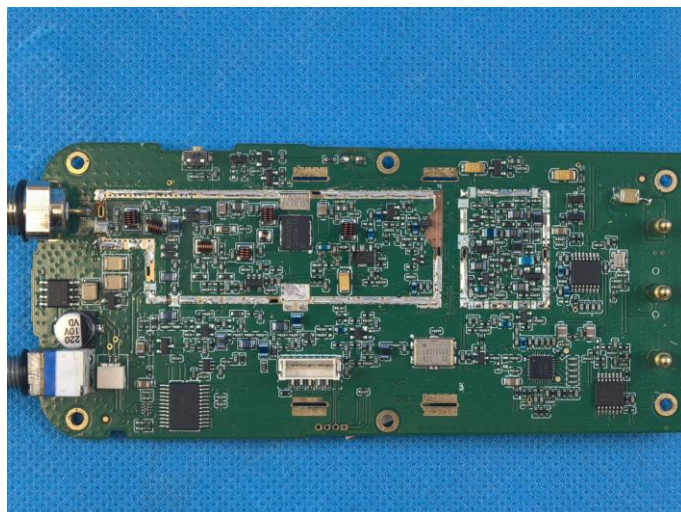




7.2. Internal Photos







8. APPENDIX REPORT

Project No.	SHT2508020805W		
Test sample No.	YPHT25080208001	Model No.	GX510
Start test date	2025/8/18	Finish date	2025/8/19
Temperature	24.9℃	Humidity	49%
Test Engineer	Xiangyu Wei	Auditor	Xiaodong Zhao

Appendix clause	Test Item	Test Result (PASS/FAIL)
A	Maximum Transmitter Power	PASS
B	Occupied Bandwidth	PASS
C	Emission Mask	PASS
D	Modulation Limit	PASS
E	Aduio Frequency Response	PASS
F	Audio Low Pass Filter Response	PASS
G	Frequency Stability Test & Temperature	PASS
H	Frequency Stability Test & Voltage	PASS
I	Spurious Emission On Antenna Port	PASS

Appendix A:Maximum Transmitter Power

Operation Mode	Modulation Type	Test Channel	Measured Power(dBm)	Measured Power(W)	Limit(W)	Result
TX-AWH	FM	CH _L	37.18	5.22	10	PASS
TX-AWH	FM	CH _M	37.13	5.16	10	PASS
TX-AWH	FM	CH _H	36.87	4.86	10	PASS
TX-AWL	FM	CH _L	29.57	0.91	1	PASS
TX-AWL	FM	CH _M	29.54	0.90	1	PASS
TX-AWL	FM	CH _H	29.23	0.84	1	PASS

Appendix B:Occupied Bandwidth

Operation Mode	Modulation Type	Test Channel	Occupied Bandwidth		99% Limit(kHz)	Result
			99%(kHz)	26dB(kHz)		
TX-AWH	FM	CH _L	14.64	15.60	≤20	PASS
TX-AWH	FM	CH _M	14.79	15.62	≤20	PASS
TX-AWH	FM	CH _H	15.06	15.68	≤20	PASS
TX-AWL	FM	CH _L	14.74	15.61	≤20	PASS
TX-AWL	FM	CH _M	14.84	15.63	≤20	PASS
TX-AWL	FM	CH _H	15.08	15.69	≤20	PASS

Appendix B:Occupied Bandwidth

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-AWH	FM	CH _L	Agilent Spectrum Analyzer - Occupied BW Center Freq 156.050000 MHz Center Freq: 156.050000 MHz Trig: Free Run Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref 40.38 dBm Center 156.1 MHz #Res BW 300 Hz #VBW 1 kHz Span 50 kHz Sweep 527.2 ms Occupied Bandwidth 14.640 kHz Total Power 37.4 dBm Transmit Freq Error 12 Hz OBW Power 99.00 % x dB Bandwidth 15.60 kHz x dB -26.00 dB Frequency 156.050000 MHz Center Freq 156.050000 MHz CF Step 5.000 kHz Freq Offset 0 Hz
TX-AWH	FM	CH _M	Agilent Spectrum Analyzer - Occupied BW Center Freq 156.800000 MHz Center Freq: 156.800000 MHz Trig: Free Run Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref 40.85 dBm Center 156.8 MHz #Res BW 300 Hz #VBW 1 kHz Span 50 kHz Sweep 527.2 ms Occupied Bandwidth 14.785 kHz Total Power 37.7 dBm Transmit Freq Error 29 Hz OBW Power 99.00 % x dB Bandwidth 15.62 kHz x dB -26.00 dB Frequency 156.800000 MHz Center Freq 156.800000 MHz CF Step 5.000 kHz Freq Offset 0 Hz
TX-AWH	FM	CH _H	Agilent Spectrum Analyzer - Occupied BW Center Freq 161.925000 MHz Center Freq: 161.925000 MHz Trig: Free Run Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref 40.73 dBm Center 161.9 MHz #Res BW 300 Hz #VBW 1 kHz Span 50 kHz Sweep 527.2 ms Occupied Bandwidth 15.055 kHz Total Power 37.4 dBm Transmit Freq Error 12 Hz OBW Power 99.00 % x dB Bandwidth 15.68 kHz x dB -26.00 dB Frequency 161.925000 MHz Center Freq 161.925000 MHz CF Step 5.000 kHz Freq Offset 0 Hz

Appendix B:Occupied Bandwidth

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-AWL	FM	CH _L	Agilent Spectrum Analyzer - Occupied BW Center Freq 156.050000 MHz Center Freq: 156.050000 MHz Trig: Free Run Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref 32.92 dBm Center 156.1 MHz #Res BW 300 Hz #VBW 1 kHz Span 50 kHz Sweep 527.2 ms Occupied Bandwidth 14.742 kHz Total Power 30.3 dBm Transmit Freq Error 40 Hz OBW Power 99.00 % x dB Bandwidth 15.61 kHz x dB -26.00 dB MSG STATUS DC Coupled
TX-AWL	FM	CH _M	Agilent Spectrum Analyzer - Occupied BW Center Freq 156.800000 MHz Center Freq: 156.800000 MHz Trig: Free Run Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref 33.13 dBm Center 156.8 MHz #Res BW 300 Hz #VBW 1 kHz Span 50 kHz Sweep 527.2 ms Occupied Bandwidth 14.844 kHz Total Power 30.3 dBm Transmit Freq Error 42 Hz OBW Power 99.00 % x dB Bandwidth 15.63 kHz x dB -26.00 dB MSG STATUS DC Coupled
TX-AWL	FM	CH _H	Agilent Spectrum Analyzer - Occupied BW Center Freq 161.925000 MHz Center Freq: 161.925000 MHz Trig: Free Run Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref 32.45 dBm Center 161.9 MHz #Res BW 300 Hz #VBW 1 kHz Span 50 kHz Sweep 527.2 ms Occupied Bandwidth 15.083 kHz Total Power 30.1 dBm Transmit Freq Error 18 Hz OBW Power 99.00 % x dB Bandwidth 15.69 kHz x dB -26.00 dB MSG STATUS DC Coupled

Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																															
TX-AWH	FM	CH _L	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50 dB AC SENSE-PULSE ALIGN-AUTO 10-18-44 AM Aug 19, 2025 Center Freq 156.050000 MHz Center Freq: 156.050000 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run #Atten: 40 dB Radio Device: BTS Ref Offset 21 dB Ref 42.0 dBm 10 dB/div Log 32.0 22.0 12.0 2.00 8.00 18.0 28.0 38.0 48.0 Center 156.1 MHz Span 120 kHz Total Power Ref 36.94 dBm 0.0125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak ></th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>10.00 kHz</td><td>300.0 Hz</td><td>37.16</td><td>(-0.78)</td><td>-59.88</td><td>37.18</td><td>(-0.78)</td><td>59.88</td></tr><tr><td>10.00 kHz</td><td>20.00 kHz</td><td>300.0 Hz</td><td>-29.80</td><td>(-41.24)</td><td>-10.00 k</td><td>-31.49</td><td>(-42.93)</td><td>11.26 k</td></tr><tr><td>20.00 kHz</td><td>50.00 kHz</td><td>300.0 Hz</td><td>-36.00</td><td>(-37.44)</td><td>-20.85 k</td><td>-38.03</td><td>(-37.47)</td><td>36.32 k</td></tr><tr><td>50.00 kHz</td><td>60.00 kHz</td><td>300.0 Hz</td><td>-41.26</td><td>(-28.26)</td><td>-56.28 k</td><td>-41.03</td><td>(-28.03)</td><td>52.09 k</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> MSG: File <MASK B.state> recalled STATUS Frequency Center Freq 156.050000 MHz CF Step 12.000 kHz Auto Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak >	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	10.00 kHz	300.0 Hz	37.16	(-0.78)	-59.88	37.18	(-0.78)	59.88	10.00 kHz	20.00 kHz	300.0 Hz	-29.80	(-41.24)	-10.00 k	-31.49	(-42.93)	11.26 k	20.00 kHz	50.00 kHz	300.0 Hz	-36.00	(-37.44)	-20.85 k	-38.03	(-37.47)	36.32 k	50.00 kHz	60.00 kHz	300.0 Hz	-41.26	(-28.26)	-56.28 k	-41.03	(-28.03)	52.09 k	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak >	Upper ΔLim(dB)	Freq (Hz)																																																										
0.0 Hz	10.00 kHz	300.0 Hz	37.16	(-0.78)	-59.88	37.18	(-0.78)	59.88																																																										
10.00 kHz	20.00 kHz	300.0 Hz	-29.80	(-41.24)	-10.00 k	-31.49	(-42.93)	11.26 k																																																										
20.00 kHz	50.00 kHz	300.0 Hz	-36.00	(-37.44)	-20.85 k	-38.03	(-37.47)	36.32 k																																																										
50.00 kHz	60.00 kHz	300.0 Hz	-41.26	(-28.26)	-56.28 k	-41.03	(-28.03)	52.09 k																																																										
8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
TX-AWH	FM	CH _L	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50 dB AC SENSE-PULSE ALIGN-AUTO 10-19-33 AM Aug 19, 2025 Center Freq 156.050000 MHz Center Freq: 156.050000 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run #Atten: 40 dB Avg: 100.00% of 10 Radio Device: BTS Ref Offset 21 dB Ref 42.0 dBm 10 dB/div Log 32.0 22.0 12.0 2.00 8.00 18.0 28.0 38.0 48.0 Center 156.1 MHz Span 120 kHz Total Power Ref 36.89 dBm 0.0125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak ></th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>10.00 kHz</td><td>300.0 Hz</td><td>32.40</td><td>(-5.54)</td><td>-2.575 k</td><td>32.31</td><td>(-5.63)</td><td>2.575 k</td></tr><tr><td>10.00 kHz</td><td>20.00 kHz</td><td>300.0 Hz</td><td>-0.986</td><td>(-12.43)</td><td>-10.00 k</td><td>0.989</td><td>(-10.47)</td><td>10.00 k</td></tr><tr><td>20.00 kHz</td><td>50.00 kHz</td><td>300.0 Hz</td><td>-37.14</td><td>(-38.58)</td><td>-20.07 k</td><td>-38.69</td><td>(-40.13)</td><td>20.91 k</td></tr><tr><td>50.00 kHz</td><td>60.00 kHz</td><td>300.0 Hz</td><td>-45.83</td><td>(-32.83)</td><td>-57.12 k</td><td>-46.55</td><td>(-33.55)</td><td>51.67 k</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> MSG: File <Temp.png> saved STATUS Frequency Center Freq 156.050000 MHz CF Step 12.000 kHz Auto Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak >	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	10.00 kHz	300.0 Hz	32.40	(-5.54)	-2.575 k	32.31	(-5.63)	2.575 k	10.00 kHz	20.00 kHz	300.0 Hz	-0.986	(-12.43)	-10.00 k	0.989	(-10.47)	10.00 k	20.00 kHz	50.00 kHz	300.0 Hz	-37.14	(-38.58)	-20.07 k	-38.69	(-40.13)	20.91 k	50.00 kHz	60.00 kHz	300.0 Hz	-45.83	(-32.83)	-57.12 k	-46.55	(-33.55)	51.67 k	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak >	Upper ΔLim(dB)	Freq (Hz)																																																										
0.0 Hz	10.00 kHz	300.0 Hz	32.40	(-5.54)	-2.575 k	32.31	(-5.63)	2.575 k																																																										
10.00 kHz	20.00 kHz	300.0 Hz	-0.986	(-12.43)	-10.00 k	0.989	(-10.47)	10.00 k																																																										
20.00 kHz	50.00 kHz	300.0 Hz	-37.14	(-38.58)	-20.07 k	-38.69	(-40.13)	20.91 k																																																										
50.00 kHz	60.00 kHz	300.0 Hz	-45.83	(-32.83)	-57.12 k	-46.55	(-33.55)	51.67 k																																																										
8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
TX-AWH	FM	CH _M	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50 dB AC SENSE-PULSE ALIGN-AUTO 10-23-22 AM Aug 19, 2025 Center Freq 156.800000 MHz Center Freq: 156.800000 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run #Atten: 40 dB Radio Device: BTS Ref Offset 21 dB Ref 42.0 dBm 10 dB/div Log 32.0 22.0 12.0 2.00 8.00 18.0 28.0 38.0 48.0 Center 156.8 MHz Span 120 kHz Total Power Ref 37.45 dBm 0.0125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak ></th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>10.00 kHz</td><td>300.0 Hz</td><td>37.68</td><td>(-0.51)</td><td>-59.88</td><td>37.69</td><td>(-0.51)</td><td>59.88</td></tr><tr><td>10.00 kHz</td><td>20.00 kHz</td><td>300.0 Hz</td><td>-29.32</td><td>(-41.02)</td><td>-11.44 k</td><td>-31.68</td><td>(-43.38)</td><td>11.02 k</td></tr><tr><td>20.00 kHz</td><td>50.00 kHz</td><td>300.0 Hz</td><td>-34.44</td><td>(-36.14)</td><td>-21.33 k</td><td>-37.01</td><td>(-38.71)</td><td>24.63 k</td></tr><tr><td>50.00 kHz</td><td>60.00 kHz</td><td>300.0 Hz</td><td>-41.61</td><td>(-28.61)</td><td>-50.35 k</td><td>-41.59</td><td>(-28.59)</td><td>59.76 k</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> MSG: File <MASK B.state> recalled STATUS Frequency Center Freq 156.800000 MHz CF Step 12.000 kHz Auto Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak >	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	10.00 kHz	300.0 Hz	37.68	(-0.51)	-59.88	37.69	(-0.51)	59.88	10.00 kHz	20.00 kHz	300.0 Hz	-29.32	(-41.02)	-11.44 k	-31.68	(-43.38)	11.02 k	20.00 kHz	50.00 kHz	300.0 Hz	-34.44	(-36.14)	-21.33 k	-37.01	(-38.71)	24.63 k	50.00 kHz	60.00 kHz	300.0 Hz	-41.61	(-28.61)	-50.35 k	-41.59	(-28.59)	59.76 k	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak >	Upper ΔLim(dB)	Freq (Hz)																																																										
0.0 Hz	10.00 kHz	300.0 Hz	37.68	(-0.51)	-59.88	37.69	(-0.51)	59.88																																																										
10.00 kHz	20.00 kHz	300.0 Hz	-29.32	(-41.02)	-11.44 k	-31.68	(-43.38)	11.02 k																																																										
20.00 kHz	50.00 kHz	300.0 Hz	-34.44	(-36.14)	-21.33 k	-37.01	(-38.71)	24.63 k																																																										
50.00 kHz	60.00 kHz	300.0 Hz	-41.61	(-28.61)	-50.35 k	-41.59	(-28.59)	59.76 k																																																										
8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										

Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																															
TX-AWH	FM	CH _M	Agilent Spectrum Analyzer - Spectrum Emission Mask RLRF50GACSENSE-PULSEALIGN-AUTO10:24:11 AM Aug 19, 2025 Center Freq 156.800000 MHzCenter Freq: 156.800000 MHzRadio Std: None PASSTrig: Free RunAvg: 100.00% of 10 IF Gain: Low#Atten: 40 dBRadio Device: BTS Ref Offset 21 dB Ref 42.0 dBm 10 dB/div Log 32.0 22.0 12.0 2.00 0.00 -18.0 -28.0 -38.0 -48.0 Relative Limit Absolute Limit Spectrum Center 156.8 MHzSpan 120 kHz Total Power Ref 37.38 dBm 0.0125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak ></th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>10.00 kHz</td><td>300.0 Hz</td><td>32.95</td><td>(-5.24)</td><td>-2.455 k</td><td>32.81</td><td>(-5.39)</td><td>2.575 k</td></tr><tr><td>10.00 kHz</td><td>20.00 kHz</td><td>300.0 Hz</td><td>-0.050</td><td>(-11.75)</td><td>-10.00 k</td><td>2.472</td><td>(-9.23)</td><td>10.00 k</td></tr><tr><td>20.00 kHz</td><td>50.00 kHz</td><td>300.0 Hz</td><td>-36.36</td><td>(-38.06)</td><td>-22.65 k</td><td>-36.02</td><td>(-37.72)</td><td>20.00 k</td></tr><tr><td>50.00 kHz</td><td>60.00 kHz</td><td>300.0 Hz</td><td>-45.55</td><td>(-32.55)</td><td>-50.65 k</td><td>-44.49</td><td>(-31.49)</td><td>51.13 k</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> MSG: File <Temp.png> savedSTATUS Frequency Center Freq 156.800000 MHz CF Step 12.000 kHzMan Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak >	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	10.00 kHz	300.0 Hz	32.95	(-5.24)	-2.455 k	32.81	(-5.39)	2.575 k	10.00 kHz	20.00 kHz	300.0 Hz	-0.050	(-11.75)	-10.00 k	2.472	(-9.23)	10.00 k	20.00 kHz	50.00 kHz	300.0 Hz	-36.36	(-38.06)	-22.65 k	-36.02	(-37.72)	20.00 k	50.00 kHz	60.00 kHz	300.0 Hz	-45.55	(-32.55)	-50.65 k	-44.49	(-31.49)	51.13 k	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
			Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak >	Upper ΔLim(dB)	Freq (Hz)																																																							
			0.0 Hz	10.00 kHz	300.0 Hz	32.95	(-5.24)	-2.455 k	32.81	(-5.39)	2.575 k																																																							
10.00 kHz	20.00 kHz	300.0 Hz	-0.050	(-11.75)	-10.00 k	2.472	(-9.23)	10.00 k																																																										
20.00 kHz	50.00 kHz	300.0 Hz	-36.36	(-38.06)	-22.65 k	-36.02	(-37.72)	20.00 k																																																										
50.00 kHz	60.00 kHz	300.0 Hz	-45.55	(-32.55)	-50.65 k	-44.49	(-31.49)	51.13 k																																																										
8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
TX-AWH	FM	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask RLRF50GACSENSE-PULSEALIGN-AUTO10:39:10 AM Aug 19, 2025 Center Freq 161.925000 MHzCenter Freq: 161.925000 MHzRadio Std: None PASSTrig: Free RunAvg: 100.00% of 10 IF Gain: Low#Atten: 40 dBRadio Device: BTS Ref Offset 21 dB Ref 42.0 dBm 10 dB/div Log 32.0 22.0 12.0 2.00 0.00 -18.0 -28.0 -38.0 -48.0 Relative Limit Absolute Limit Spectrum Center 161.9 MHzSpan 120 kHz Total Power Ref 36.57 dBm 0.0125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak ></th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>10.00 kHz</td><td>300.0 Hz</td><td>36.82</td><td>(-0.85)</td><td>-59.88</td><td>36.91</td><td>(-0.76)</td><td>59.88</td></tr><tr><td>10.00 kHz</td><td>20.00 kHz</td><td>300.0 Hz</td><td>-30.06</td><td>(-41.23)</td><td>-12.10 k</td><td>-30.76</td><td>(-41.93)</td><td>10.00 k</td></tr><tr><td>20.00 kHz</td><td>50.00 kHz</td><td>300.0 Hz</td><td>-36.43</td><td>(-37.60)</td><td>-20.25 k</td><td>-35.86</td><td>(-37.03)</td><td>23.73 k</td></tr><tr><td>50.00 kHz</td><td>60.00 kHz</td><td>300.0 Hz</td><td>-42.24</td><td>(-29.24)</td><td>-54.06 k</td><td>-43.43</td><td>(-30.43)</td><td>56.16 k</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> MSG: File <MASK B.state> recalledSTATUS Frequency Center Freq 161.925000 MHz CF Step 12.000 kHzMan Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak >	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	10.00 kHz	300.0 Hz	36.82	(-0.85)	-59.88	36.91	(-0.76)	59.88	10.00 kHz	20.00 kHz	300.0 Hz	-30.06	(-41.23)	-12.10 k	-30.76	(-41.93)	10.00 k	20.00 kHz	50.00 kHz	300.0 Hz	-36.43	(-37.60)	-20.25 k	-35.86	(-37.03)	23.73 k	50.00 kHz	60.00 kHz	300.0 Hz	-42.24	(-29.24)	-54.06 k	-43.43	(-30.43)	56.16 k	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
			Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak >	Upper ΔLim(dB)	Freq (Hz)																																																							
			0.0 Hz	10.00 kHz	300.0 Hz	36.82	(-0.85)	-59.88	36.91	(-0.76)	59.88																																																							
10.00 kHz	20.00 kHz	300.0 Hz	-30.06	(-41.23)	-12.10 k	-30.76	(-41.93)	10.00 k																																																										
20.00 kHz	50.00 kHz	300.0 Hz	-36.43	(-37.60)	-20.25 k	-35.86	(-37.03)	23.73 k																																																										
50.00 kHz	60.00 kHz	300.0 Hz	-42.24	(-29.24)	-54.06 k	-43.43	(-30.43)	56.16 k																																																										
8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
TX-AWH	FM	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask RLRF50GACSENSE-PULSEALIGN-AUTO10:40:07 AM Aug 19, 2025 Center Freq 161.925000 MHzCenter Freq: 161.925000 MHzRadio Std: None PASSTrig: Free RunAvg: 100.00% of 10 IF Gain: Low#Atten: 40 dBRadio Device: BTS Ref Offset 21 dB Ref 42.0 dBm 10 dB/div Log 32.0 22.0 12.0 2.00 0.00 -18.0 -28.0 -38.0 -48.0 Relative Limit Absolute Limit Spectrum Center 161.9 MHzSpan 120 kHz Total Power Ref 36.50 dBm 0.0125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak ></th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>10.00 kHz</td><td>300.0 Hz</td><td>32.21</td><td>(-5.46)</td><td>-2.575 k</td><td>32.02</td><td>(-5.65)</td><td>2.575 k</td></tr><tr><td>10.00 kHz</td><td>20.00 kHz</td><td>300.0 Hz</td><td>2.503</td><td>(-8.67)</td><td>-10.00 k</td><td>4.755</td><td>(-6.42)</td><td>10.00 k</td></tr><tr><td>20.00 kHz</td><td>50.00 kHz</td><td>300.0 Hz</td><td>-37.18</td><td>(-38.35)</td><td>-22.47 k</td><td>-36.60</td><td>(-37.77)</td><td>20.13 k</td></tr><tr><td>50.00 kHz</td><td>60.00 kHz</td><td>300.0 Hz</td><td>-46.00</td><td>(-33.00)</td><td>-58.08 k</td><td>-46.51</td><td>(-33.51)</td><td>59.22 k</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> MSG: File <Temp.png> savedSTATUS Frequency Center Freq 161.925000 MHz CF Step 12.000 kHzMan Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak >	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	10.00 kHz	300.0 Hz	32.21	(-5.46)	-2.575 k	32.02	(-5.65)	2.575 k	10.00 kHz	20.00 kHz	300.0 Hz	2.503	(-8.67)	-10.00 k	4.755	(-6.42)	10.00 k	20.00 kHz	50.00 kHz	300.0 Hz	-37.18	(-38.35)	-22.47 k	-36.60	(-37.77)	20.13 k	50.00 kHz	60.00 kHz	300.0 Hz	-46.00	(-33.00)	-58.08 k	-46.51	(-33.51)	59.22 k	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
			Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak >	Upper ΔLim(dB)	Freq (Hz)																																																							
			0.0 Hz	10.00 kHz	300.0 Hz	32.21	(-5.46)	-2.575 k	32.02	(-5.65)	2.575 k																																																							
10.00 kHz	20.00 kHz	300.0 Hz	2.503	(-8.67)	-10.00 k	4.755	(-6.42)	10.00 k																																																										
20.00 kHz	50.00 kHz	300.0 Hz	-37.18	(-38.35)	-22.47 k	-36.60	(-37.77)	20.13 k																																																										
50.00 kHz	60.00 kHz	300.0 Hz	-46.00	(-33.00)	-58.08 k	-46.51	(-33.51)	59.22 k																																																										
8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										

Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																															
TX-AWL	FM	CH _L	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50.0 AC SENSE-PULSE ALIGN-AUTO 10-20:57 AM Aug 19, 2025 Center Freq 156.050000 MHz Center Freq: 156.050000 MHz Radio Std: None Trig: Free Run #Atten: 40 dB Radio Device: BTS PASS IF Gain: Low Ref Offset 21 dB Ref 35.0 dBm 10 dB/div Log 25.0 15.0 5.00 15.0 25.0 35.0 45.0 55.0 Center 156.1 MHz Span 120 kHz Total Power Ref 29.76 dBm 0.0125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak ></th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>10.00 kHz</td><td>300.0 Hz</td><td>30.01</td><td>(-1.02)</td><td>-59.88</td><td>30.01</td><td>(-1.02)</td><td>59.88</td></tr><tr><td>10.00 kHz</td><td>20.00 kHz</td><td>300.0 Hz</td><td>-39.36</td><td>(-43.89)</td><td>-16.41 k</td><td>-36.47</td><td>(-41.00)</td><td>12.40 k</td></tr><tr><td>20.00 kHz</td><td>50.00 kHz</td><td>300.0 Hz</td><td>-42.37</td><td>(-36.90)</td><td>-22.41 k</td><td>-42.59</td><td>(-37.12)</td><td>27.45 k</td></tr><tr><td>50.00 kHz</td><td>60.00 kHz</td><td>300.0 Hz</td><td>-50.73</td><td>(-37.73)</td><td>-55.38 k</td><td>-45.53</td><td>(-32.53)</td><td>52.93 k</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> MSG: File <MASK B.state> recalled STATUS Frequency Center Freq 156.050000 MHz CF Step 12.000 kHz Man Auto Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak >	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	10.00 kHz	300.0 Hz	30.01	(-1.02)	-59.88	30.01	(-1.02)	59.88	10.00 kHz	20.00 kHz	300.0 Hz	-39.36	(-43.89)	-16.41 k	-36.47	(-41.00)	12.40 k	20.00 kHz	50.00 kHz	300.0 Hz	-42.37	(-36.90)	-22.41 k	-42.59	(-37.12)	27.45 k	50.00 kHz	60.00 kHz	300.0 Hz	-50.73	(-37.73)	-55.38 k	-45.53	(-32.53)	52.93 k	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
			Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak >	Upper ΔLim(dB)	Freq (Hz)																																																							
			0.0 Hz	10.00 kHz	300.0 Hz	30.01	(-1.02)	-59.88	30.01	(-1.02)	59.88																																																							
10.00 kHz	20.00 kHz	300.0 Hz	-39.36	(-43.89)	-16.41 k	-36.47	(-41.00)	12.40 k																																																										
20.00 kHz	50.00 kHz	300.0 Hz	-42.37	(-36.90)	-22.41 k	-42.59	(-37.12)	27.45 k																																																										
50.00 kHz	60.00 kHz	300.0 Hz	-50.73	(-37.73)	-55.38 k	-45.53	(-32.53)	52.93 k																																																										
8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
TX-AWL	FM	CH _L	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50.0 AC SENSE-PULSE ALIGN-AUTO 10-21:45 AM Aug 19, 2025 Center Freq 156.050000 MHz Center Freq: 156.050000 MHz Radio Std: None Trig: Free Run Avg: 100.00% of 10 #Atten: 40 dB Radio Device: BTS PASS IF Gain: Low Ref Offset 21 dB Ref 35.0 dBm 10 dB/div Log 25.0 15.0 5.00 15.0 25.0 35.0 45.0 55.0 Center 156.1 MHz Span 120 kHz Total Power Ref 29.73 dBm 0.0125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak ></th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>10.00 kHz</td><td>300.0 Hz</td><td>25.28</td><td>(-5.76)</td><td>-2.455 k</td><td>25.14</td><td>(-5.89)</td><td>2.455 k</td></tr><tr><td>10.00 kHz</td><td>20.00 kHz</td><td>300.0 Hz</td><td>-8.179</td><td>(-12.71)</td><td>-10.00 k</td><td>-5.748</td><td>(-10.28)</td><td>10.00 k</td></tr><tr><td>20.00 kHz</td><td>50.00 kHz</td><td>300.0 Hz</td><td>-44.14</td><td>(-38.67)</td><td>-22.41 k</td><td>-44.57</td><td>(-39.11)</td><td>20.13 k</td></tr><tr><td>50.00 kHz</td><td>60.00 kHz</td><td>300.0 Hz</td><td>-52.58</td><td>(-39.58)</td><td>-51.19 k</td><td>-52.71</td><td>(-39.71)</td><td>50.71 k</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> MSG: File <Temp.png> saved STATUS Frequency Center Freq 156.050000 MHz CF Step 12.000 kHz Man Auto Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak >	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	10.00 kHz	300.0 Hz	25.28	(-5.76)	-2.455 k	25.14	(-5.89)	2.455 k	10.00 kHz	20.00 kHz	300.0 Hz	-8.179	(-12.71)	-10.00 k	-5.748	(-10.28)	10.00 k	20.00 kHz	50.00 kHz	300.0 Hz	-44.14	(-38.67)	-22.41 k	-44.57	(-39.11)	20.13 k	50.00 kHz	60.00 kHz	300.0 Hz	-52.58	(-39.58)	-51.19 k	-52.71	(-39.71)	50.71 k	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
			Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak >	Upper ΔLim(dB)	Freq (Hz)																																																							
			0.0 Hz	10.00 kHz	300.0 Hz	25.28	(-5.76)	-2.455 k	25.14	(-5.89)	2.455 k																																																							
10.00 kHz	20.00 kHz	300.0 Hz	-8.179	(-12.71)	-10.00 k	-5.748	(-10.28)	10.00 k																																																										
20.00 kHz	50.00 kHz	300.0 Hz	-44.14	(-38.67)	-22.41 k	-44.57	(-39.11)	20.13 k																																																										
50.00 kHz	60.00 kHz	300.0 Hz	-52.58	(-39.58)	-51.19 k	-52.71	(-39.71)	50.71 k																																																										
8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
TX-AWL	FM	CH _M	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50.0 AC SENSE-PULSE ALIGN-AUTO 10-20:29 AM Aug 19, 2025 Center Freq 156.800000 MHz Center Freq: 156.800000 MHz Radio Std: None Trig: Free Run #Atten: 40 dB Radio Device: BTS PASS IF Gain: Low Ref Offset 21 dB Ref 35.0 dBm 10 dB/div Log 25.0 15.0 5.00 15.0 25.0 35.0 45.0 55.0 Center 156.8 MHz Span 120 kHz Total Power Ref 29.42 dBm 0.0125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak ></th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>10.00 kHz</td><td>300.0 Hz</td><td>29.71</td><td>(-1.18)</td><td>-59.88</td><td>29.67</td><td>(-1.22)</td><td>59.88</td></tr><tr><td>10.00 kHz</td><td>20.00 kHz</td><td>300.0 Hz</td><td>-38.94</td><td>(-43.33)</td><td>-12.88 k</td><td>-38.86</td><td>(-43.25)</td><td>10.96 k</td></tr><tr><td>20.00 kHz</td><td>50.00 kHz</td><td>300.0 Hz</td><td>-41.38</td><td>(-35.77)</td><td>-22.29 k</td><td>-42.39</td><td>(-36.78)</td><td>20.13 k</td></tr><tr><td>50.00 kHz</td><td>60.00 kHz</td><td>300.0 Hz</td><td>-47.49</td><td>(-34.49)</td><td>-52.93 k</td><td>-47.91</td><td>(-34.91)</td><td>52.09 k</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> MSG: File <MASK B.state> recalled STATUS Frequency Center Freq 156.800000 MHz CF Step 12.000 kHz Man Auto Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak >	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	10.00 kHz	300.0 Hz	29.71	(-1.18)	-59.88	29.67	(-1.22)	59.88	10.00 kHz	20.00 kHz	300.0 Hz	-38.94	(-43.33)	-12.88 k	-38.86	(-43.25)	10.96 k	20.00 kHz	50.00 kHz	300.0 Hz	-41.38	(-35.77)	-22.29 k	-42.39	(-36.78)	20.13 k	50.00 kHz	60.00 kHz	300.0 Hz	-47.49	(-34.49)	-52.93 k	-47.91	(-34.91)	52.09 k	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
			Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak >	Upper ΔLim(dB)	Freq (Hz)																																																							
			0.0 Hz	10.00 kHz	300.0 Hz	29.71	(-1.18)	-59.88	29.67	(-1.22)	59.88																																																							
10.00 kHz	20.00 kHz	300.0 Hz	-38.94	(-43.33)	-12.88 k	-38.86	(-43.25)	10.96 k																																																										
20.00 kHz	50.00 kHz	300.0 Hz	-41.38	(-35.77)	-22.29 k	-42.39	(-36.78)	20.13 k																																																										
50.00 kHz	60.00 kHz	300.0 Hz	-47.49	(-34.49)	-52.93 k	-47.91	(-34.91)	52.09 k																																																										
8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										

Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																															
TX-AWL	FM	CH _M	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50 dB AC SENSE:PULSE ALIGN:AUTO 10:30:18 AM Aug 19, 2025 Center Freq 156.800000 MHz Center Freq: 156.800000 MHz Trig: Free Run Avg: 100.00% of 10 Radio Std: None PASS IF Gain: Low #Atten: 40 dB Radio Device: BTS Ref Offset 21 dB Ref 35.0 dBm 10 dB/div Log 25.0 15.0 5.00 15.0 25.0 35.0 45.0 55.0 Relative Limit Absolute Limit Spectrum Center 156.8 MHz Span 120 kHz Total Power Ref 29.40 dBm 0.0125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak ></th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>10.00 kHz</td><td>300.0 Hz</td><td>25.04</td><td>(-5.85)</td><td>-2.455 k</td><td>24.84</td><td>(-6.05)</td><td>2.455 k</td></tr><tr><td>10.00 kHz</td><td>20.00 kHz</td><td>300.0 Hz</td><td>-8.212</td><td>(-12.60)</td><td>-10.00 k</td><td>-4.919</td><td>(-9.31)</td><td>10.00 k</td></tr><tr><td>20.00 kHz</td><td>50.00 kHz</td><td>300.0 Hz</td><td>-43.35</td><td>(-37.74)</td><td>-22.53 k</td><td>-44.80</td><td>(-39.19)</td><td>20.00 k</td></tr><tr><td>50.00 kHz</td><td>60.00 kHz</td><td>300.0 Hz</td><td>-52.89</td><td>(-39.89)</td><td>-59.10 k</td><td>-52.86</td><td>(-39.86)</td><td>50.35 k</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> MSG File <Temp.png> saved STATUS Frequency Center Freq 156.800000 MHz CF Step 12.000 kHz Man Auto Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak >	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	10.00 kHz	300.0 Hz	25.04	(-5.85)	-2.455 k	24.84	(-6.05)	2.455 k	10.00 kHz	20.00 kHz	300.0 Hz	-8.212	(-12.60)	-10.00 k	-4.919	(-9.31)	10.00 k	20.00 kHz	50.00 kHz	300.0 Hz	-43.35	(-37.74)	-22.53 k	-44.80	(-39.19)	20.00 k	50.00 kHz	60.00 kHz	300.0 Hz	-52.89	(-39.89)	-59.10 k	-52.86	(-39.86)	50.35 k	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak >	Upper ΔLim(dB)	Freq (Hz)																																																										
0.0 Hz	10.00 kHz	300.0 Hz	25.04	(-5.85)	-2.455 k	24.84	(-6.05)	2.455 k																																																										
10.00 kHz	20.00 kHz	300.0 Hz	-8.212	(-12.60)	-10.00 k	-4.919	(-9.31)	10.00 k																																																										
20.00 kHz	50.00 kHz	300.0 Hz	-43.35	(-37.74)	-22.53 k	-44.80	(-39.19)	20.00 k																																																										
50.00 kHz	60.00 kHz	300.0 Hz	-52.89	(-39.89)	-59.10 k	-52.86	(-39.86)	50.35 k																																																										
8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
TX-AWL	FM	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50 dB AC SENSE:PULSE ALIGN:AUTO 10:43:17 AM Aug 19, 2025 Center Freq 161.925000 MHz Center Freq: 161.925000 MHz Trig: Free Run Avg: 100.00% of 10 Radio Std: None PASS IF Gain: Low #Atten: 40 dB Radio Device: BTS Ref Offset 21 dB Ref 35.0 dBm 10 dB/div Log 25.0 15.0 5.00 15.0 25.0 35.0 45.0 55.0 Relative Limit Absolute Limit Spectrum Center 161.9 MHz Span 120 kHz Total Power Ref 29.21 dBm 0.0125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak ></th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>10.00 kHz</td><td>300.0 Hz</td><td>29.44</td><td>(-1.16)</td><td>-59.88</td><td>29.43</td><td>(-1.17)</td><td>59.88</td></tr><tr><td>10.00 kHz</td><td>20.00 kHz</td><td>300.0 Hz</td><td>-39.37</td><td>(-43.47)</td><td>-10.54 k</td><td>-38.44</td><td>(-42.54)</td><td>14.50 k</td></tr><tr><td>20.00 kHz</td><td>50.00 kHz</td><td>300.0 Hz</td><td>-42.33</td><td>(-36.42)</td><td>-26.19 k</td><td>-43.68</td><td>(-37.78)</td><td>21.63 k</td></tr><tr><td>50.00 kHz</td><td>60.00 kHz</td><td>300.0 Hz</td><td>-49.40</td><td>(-36.40)</td><td>-55.68 k</td><td>-49.15</td><td>(-36.15)</td><td>52.75 k</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> MSG File <MASK B.state> recalled STATUS Frequency Center Freq 161.925000 MHz CF Step 12.000 kHz Man Auto Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak >	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	10.00 kHz	300.0 Hz	29.44	(-1.16)	-59.88	29.43	(-1.17)	59.88	10.00 kHz	20.00 kHz	300.0 Hz	-39.37	(-43.47)	-10.54 k	-38.44	(-42.54)	14.50 k	20.00 kHz	50.00 kHz	300.0 Hz	-42.33	(-36.42)	-26.19 k	-43.68	(-37.78)	21.63 k	50.00 kHz	60.00 kHz	300.0 Hz	-49.40	(-36.40)	-55.68 k	-49.15	(-36.15)	52.75 k	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak >	Upper ΔLim(dB)	Freq (Hz)																																																										
0.0 Hz	10.00 kHz	300.0 Hz	29.44	(-1.16)	-59.88	29.43	(-1.17)	59.88																																																										
10.00 kHz	20.00 kHz	300.0 Hz	-39.37	(-43.47)	-10.54 k	-38.44	(-42.54)	14.50 k																																																										
20.00 kHz	50.00 kHz	300.0 Hz	-42.33	(-36.42)	-26.19 k	-43.68	(-37.78)	21.63 k																																																										
50.00 kHz	60.00 kHz	300.0 Hz	-49.40	(-36.40)	-55.68 k	-49.15	(-36.15)	52.75 k																																																										
8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
TX-AWL	FM	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50 dB AC SENSE:PULSE ALIGN:AUTO 10:44:06 AM Aug 19, 2025 Center Freq 161.925000 MHz Center Freq: 161.925000 MHz Trig: Free Run Avg: 100.00% of 10 Radio Std: None PASS IF Gain: Low #Atten: 40 dB Radio Device: BTS Ref Offset 21 dB Ref 35.0 dBm 10 dB/div Log 25.0 15.0 5.00 15.0 25.0 35.0 45.0 55.0 Relative Limit Absolute Limit Spectrum Center 161.9 MHz Span 120 kHz Total Power Ref 29.08 dBm 0.0125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak ></th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>10.00 kHz</td><td>300.0 Hz</td><td>24.82</td><td>(-5.77)</td><td>-2.575 k</td><td>24.81</td><td>(-5.98)</td><td>2.455 k</td></tr><tr><td>10.00 kHz</td><td>20.00 kHz</td><td>300.0 Hz</td><td>-4.791</td><td>(-8.89)</td><td>-10.00 k</td><td>-2.480</td><td>(-6.58)</td><td>10.00 k</td></tr><tr><td>20.00 kHz</td><td>50.00 kHz</td><td>300.0 Hz</td><td>-44.27</td><td>(-38.36)</td><td>-22.41 k</td><td>-45.02</td><td>(-39.12)</td><td>20.00 k</td></tr><tr><td>50.00 kHz</td><td>60.00 kHz</td><td>300.0 Hz</td><td>-53.20</td><td>(-40.20)</td><td>-54.36 k</td><td>-53.66</td><td>(-40.66)</td><td>53.53 k</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> MSG File <Temp.png> saved STATUS Frequency Center Freq 161.925000 MHz CF Step 12.000 kHz Man Auto Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak >	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	10.00 kHz	300.0 Hz	24.82	(-5.77)	-2.575 k	24.81	(-5.98)	2.455 k	10.00 kHz	20.00 kHz	300.0 Hz	-4.791	(-8.89)	-10.00 k	-2.480	(-6.58)	10.00 k	20.00 kHz	50.00 kHz	300.0 Hz	-44.27	(-38.36)	-22.41 k	-45.02	(-39.12)	20.00 k	50.00 kHz	60.00 kHz	300.0 Hz	-53.20	(-40.20)	-54.36 k	-53.66	(-40.66)	53.53 k	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak >	Upper ΔLim(dB)	Freq (Hz)																																																										
0.0 Hz	10.00 kHz	300.0 Hz	24.82	(-5.77)	-2.575 k	24.81	(-5.98)	2.455 k																																																										
10.00 kHz	20.00 kHz	300.0 Hz	-4.791	(-8.89)	-10.00 k	-2.480	(-6.58)	10.00 k																																																										
20.00 kHz	50.00 kHz	300.0 Hz	-44.27	(-38.36)	-22.41 k	-45.02	(-39.12)	20.00 k																																																										
50.00 kHz	60.00 kHz	300.0 Hz	-53.20	(-40.20)	-54.36 k	-53.66	(-40.66)	53.53 k																																																										
8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										

Appendix D:Modulation Limit

Operation Mode	Modulation Type	Test Channel	Modulation Level (dB)	Peak frequency deviation (kHz)				Limit (kHz)	Result
				300Hz	1004Hz	1500Hz	2500 Hz		
TX-AWH	FM	CH _M	-20	0.714	0.340	0.481	0.776	5	PASS
TX-AWH	FM	CH _M	-15	0.188	0.565	0.845	1.337	5	PASS
TX-AWH	FM	CH _M	-10	0.311	0.978	1.439	2.309	5	PASS
TX-AWH	FM	CH _M	-5	0.544	1.728	2.556	3.729	5	PASS
TX-AWH	FM	CH _M	0	0.923	3.047	3.737	4.035	5	PASS
TX-AWH	FM	CH _M	5	1.620	3.852	4.010	4.139	5	PASS
TX-AWH	FM	CH _M	10	2.855	4.263	4.084	4.179	5	PASS
TX-AWH	FM	CH _M	15	4.423	4.392	4.108	4.186	5	PASS
TX-AWH	FM	CH _M	20	4.716	4.436	4.099	4.179	5	PASS

Appendix D:Modulation Limit

TEST PLOT RESULT

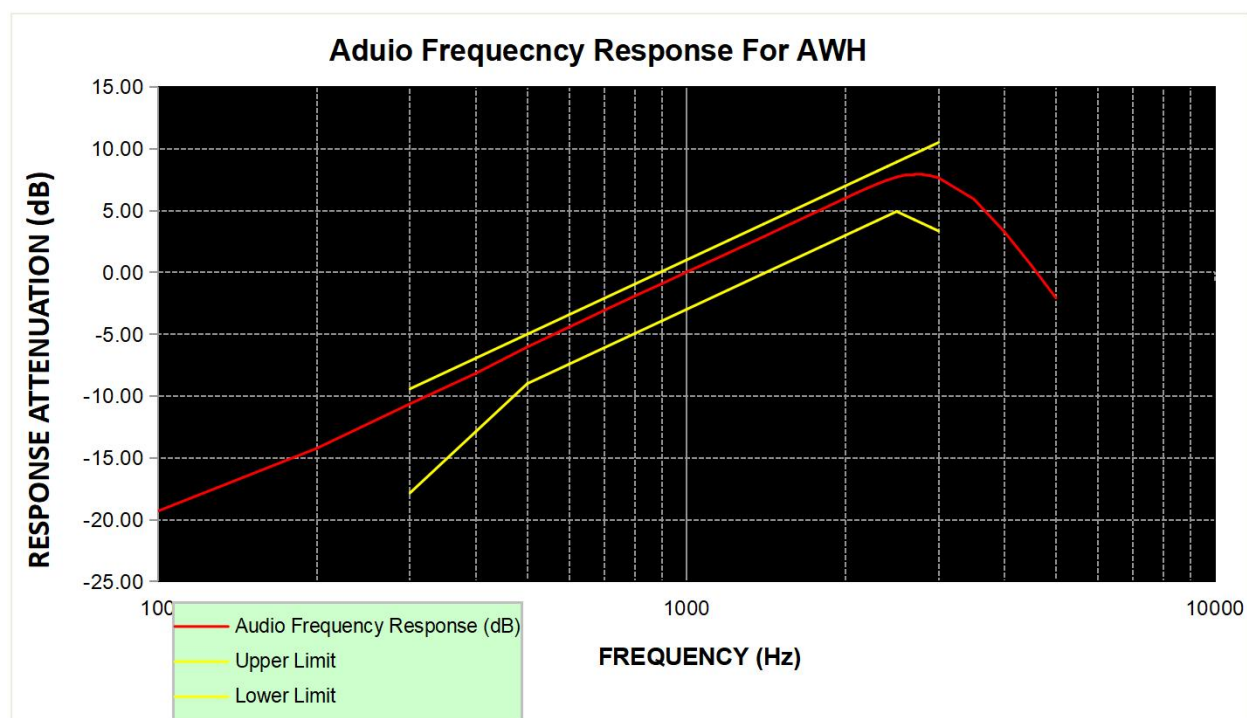


Appendix E:Aduio Frequency Response

Operation Mode	Modulation Type	Test Channel	Frequency (Hz)	Audio Frequency Response (dB)	Lower Limit	Upper Limit	Result
TX-AWH	FM	CH _M	100	-19.31			PASS
TX-AWH	FM	CH _M	200	-14.23			PASS
TX-AWH	FM	CH _M	300	-10.63	-17.84	-9.42	PASS
TX-AWH	FM	CH _M	400	-8.16	-12.86	-6.93	PASS
TX-AWH	FM	CH _M	500	-6.04	-9.00	-5.00	PASS
TX-AWH	FM	CH _M	600	-4.43	-7.42	-3.42	PASS
TX-AWH	FM	CH _M	700	-3.06	-6.09	-2.09	PASS
TX-AWH	FM	CH _M	800	-1.90	-4.93	-0.93	PASS
TX-AWH	FM	CH _M	900	-0.91	-3.91	0.09	PASS
TX-AWH	FM	CH _M	1000	0.02	-3.00	1.00	PASS
TX-AWH	FM	CH _M	1200	1.56	-1.42	2.58	PASS
TX-AWH	FM	CH _M	1400	2.89	-0.09	3.91	PASS
TX-AWH	FM	CH _M	1600	4.06	1.07	5.07	PASS
TX-AWH	FM	CH _M	1800	5.08	2.09	6.09	PASS
TX-AWH	FM	CH _M	2000	6.02	3.00	7.00	PASS
TX-AWH	FM	CH _M	2100	6.44	3.42	7.42	PASS
TX-AWH	FM	CH _M	2200	6.82	3.83	7.83	PASS
TX-AWH	FM	CH _M	2300	7.17	4.21	8.21	PASS
TX-AWH	FM	CH _M	2400	7.47	4.58	8.58	PASS
TX-AWH	FM	CH _M	2500	7.72	4.93	8.93	PASS
TX-AWH	FM	CH _M	2600	7.89	4.59	9.27	PASS
TX-AWH	FM	CH _M	2700	7.95	4.27	9.60	PASS
TX-AWH	FM	CH _M	2800	7.91	3.95	9.91	PASS
TX-AWH	FM	CH _M	2900	7.82	3.65	10.22	PASS
TX-AWH	FM	CH _M	3000	7.66	3.35	10.51	PASS
TX-AWH	FM	CH _M	3500	5.93			PASS
TX-AWH	FM	CH _M	4000	3.28			PASS
TX-AWH	FM	CH _M	4500	0.54			PASS
TX-AWH	FM	CH _M	5000	-2.05			PASS

Appendix E:Aduio Frequency Response

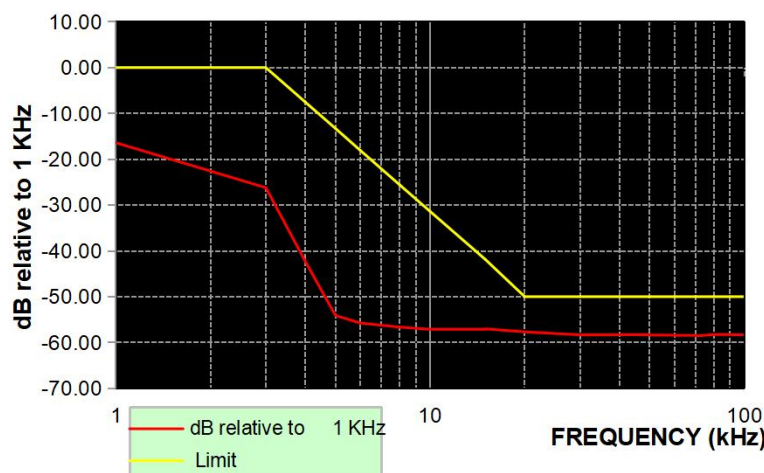
TEST PLOT RESULT



Appendix F:Audio Low Pass Filter Response

Operation Mode	Modulation Type	Test Channel	Frequency (KHz)	dB relative to 1 KHz	Limit	Result
TX-AWH	FM	CH _M	1	-16.41	0.00	PASS
TX-AWH	FM	CH _M	3	-26.21	0.00	PASS
TX-AWH	FM	CH _M	4	-42.23	-7.50	PASS
TX-AWH	FM	CH _M	5	-54.11	-13.30	PASS
TX-AWH	FM	CH _M	6	-55.76	-18.10	PASS
TX-AWH	FM	CH _M	8	-56.65	-25.60	PASS
TX-AWH	FM	CH _M	10	-57.12	-31.40	PASS
TX-AWH	FM	CH _M	15	-57.03	-41.90	PASS
TX-AWH	FM	CH _M	20	-57.68	-50.00	PASS
TX-AWH	FM	CH _M	30	-58.33	-50.00	PASS
TX-AWH	FM	CH _M	40	-58.30	-50.00	PASS
TX-AWH	FM	CH _M	50	-58.39	-50.00	PASS
TX-AWH	FM	CH _M	60	-58.44	-50.00	PASS
TX-AWH	FM	CH _M	70	-58.58	-50.00	PASS
TX-AWH	FM	CH _M	80	-58.27	-50.00	PASS
TX-AWH	FM	CH _M	90	-58.32	-50.00	PASS
TX-AWH	FM	CH _M	100	-58.46	-50.00	PASS

Appendix F:Audio Low Pass Filter Response

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																					
TX-AWH	FM	CH _M	 The plot shows the audio low pass filter response for TX-AWH in FM mode on test channel CH_M. The y-axis represents the gain in dB relative to 1 kHz, ranging from -70.00 to 10.00. The x-axis represents the frequency in kHz on a logarithmic scale from 1 to 100. A red line shows the measured response, and a yellow line shows the limit. The measured response starts at approximately -15 dB at 1 kHz, decreases to -35 dB at 2 kHz, then drops sharply to -55 dB at 3 kHz, and remains relatively flat around -55 dB up to 100 kHz. The limit starts at 0 dB at 1 kHz, decreases linearly to -50 dB at 20 kHz, and then remains flat at -50 dB up to 100 kHz. <table><caption>Approximate data points from the plot</caption><thead><tr><th>Frequency (kHz)</th><th>dB relative to 1 kHz (Measured)</th><th>dB relative to 1 kHz (Limit)</th></tr></thead><tbody><tr><td>1</td><td>-15</td><td>0</td></tr><tr><td>2</td><td>-35</td><td>-10</td></tr><tr><td>3</td><td>-55</td><td>-20</td></tr><tr><td>10</td><td>-55</td><td>-40</td></tr><tr><td>20</td><td>-55</td><td>-50</td></tr><tr><td>100</td><td>-55</td><td>-50</td></tr></tbody></table>	Frequency (kHz)	dB relative to 1 kHz (Measured)	dB relative to 1 kHz (Limit)	1	-15	0	2	-35	-10	3	-55	-20	10	-55	-40	20	-55	-50	100	-55	-50
Frequency (kHz)	dB relative to 1 kHz (Measured)	dB relative to 1 kHz (Limit)																						
1	-15	0																						
2	-35	-10																						
3	-55	-20																						
10	-55	-40																						
20	-55	-50																						
100	-55	-50																						

Appendix G:Frequency Stability Test & Temperature

Operation Mode	Modulation Type	Test Conditions		Frequency error (ppm)			Limit (ppm)	Result
		Voltage	Temperature	CH _L	CH _M	CH _H		
TX-AWH	FM	V _N	-20	0.052	0.058	0.057	±10	PASS
TX-AWH	FM	V _N	-10	0.056	0.074	0.074	±10	PASS
TX-AWH	FM	V _N	0	0.045	0.065	0.055	±10	PASS
TX-AWH	FM	V _N	10	0.070	0.071	0.075	±10	PASS
TX-AWH	FM	V _N	20	0.025	0.036	0.037	±10	PASS
TX-AWH	FM	V _N	30	0.060	0.067	0.078	±10	PASS
TX-AWH	FM	V _N	40	0.053	0.054	0.055	±10	PASS
TX-AWH	FM	V _N	50	0.060	0.066	0.080	±10	PASS
TX-AWL	FM	V _N	-20	0.095	0.109	0.090	±10	PASS
TX-AWL	FM	V _N	-10	0.118	0.123	0.110	±10	PASS
TX-AWL	FM	V _N	0	0.094	0.108	0.099	±10	PASS
TX-AWL	FM	V _N	10	0.111	0.130	0.107	±10	PASS
TX-AWL	FM	V _N	20	0.069	0.080	0.072	±10	PASS
TX-AWL	FM	V _N	30	0.102	0.128	0.106	±10	PASS
TX-AWL	FM	V _N	40	0.094	0.101	0.090	±10	PASS
TX-AWL	FM	V _N	50	0.117	0.125	0.117	±10	PASS

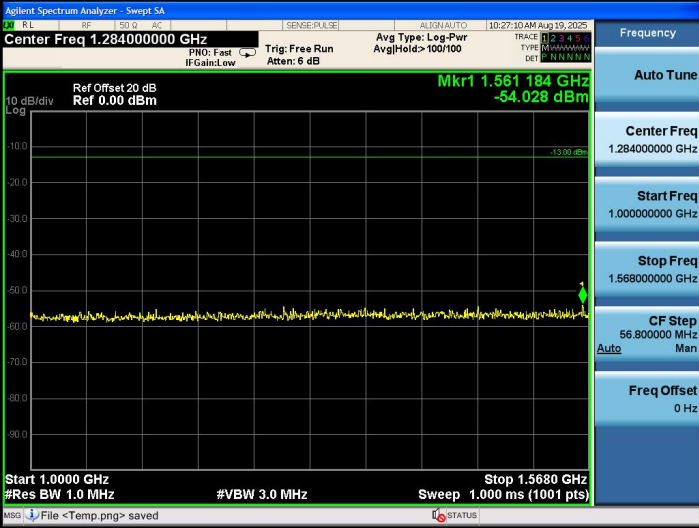
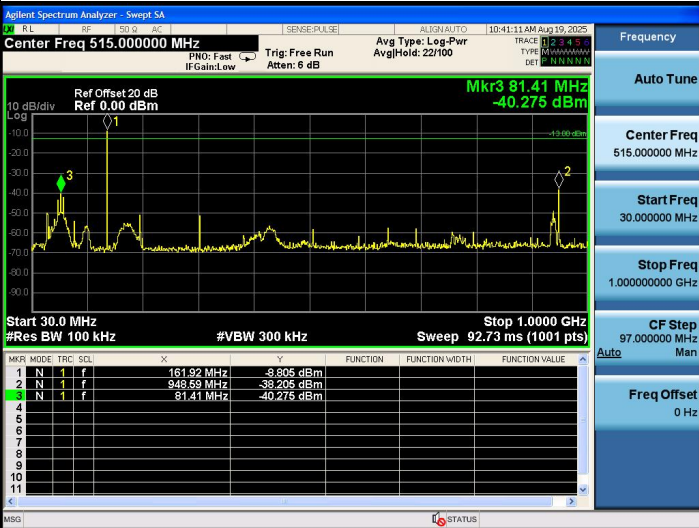
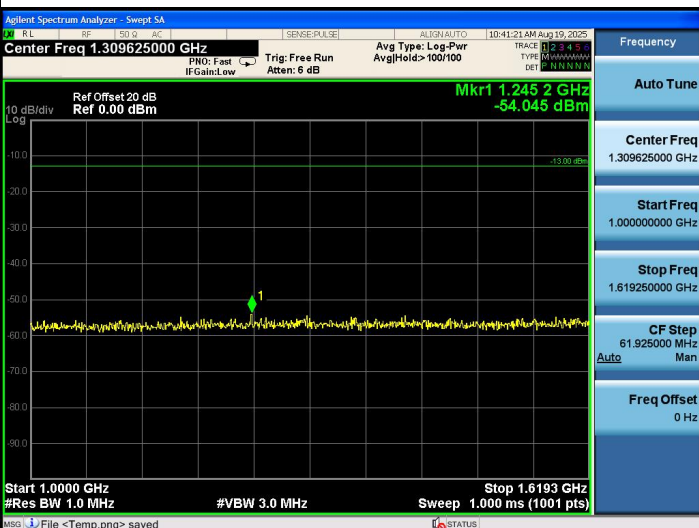
Appendix H:Frequency Stability Test & Voltage

Operation Mode	Modulation Type	Test Conditions		Frequency error (ppm)			Limit (ppm)	Result
		Voltage	Temperature	CH _L	CH _M	CH _H		
TX-AWH	FM	V _N	T _N	0.025	0.036	0.037	±10	PASS
TX-AWH	FM	V _L	T _N	0.044	0.060	0.055	±10	PASS
TX-AWH	FM	V _H	T _N	0.074	0.085	0.079	±10	PASS
TX-AWL	FM	V _N	T _N	0.069	0.080	0.072	±10	PASS
TX-AWL	FM	V _L	T _N	0.093	0.105	0.090	±10	PASS
TX-AWL	FM	V _H	T _N	0.115	0.112	0.116	±10	PASS

Appendix I:Spurious Emission On Antenna Port

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																																																																			
TX-AWH	FM	CH _L	Agilent Spectrum Analyzer - Swept SA Center Freq 515.000000 MHz Ref Offset 20 dB Ref 0.00 dBm Mkr3 98.87 MHz -45.878 dBm Start 30.0 MHz #Res BW 100 kHz #VBW 300 kHz Stop 1.0000 GHz Sweep 92.73 ms (1001 pts) <table><thead><tr><th>MKR</th><th>MODE</th><th>TRC</th><th>SCL</th><th>X</th><th>Y</th><th>FUNCTION</th><th>FUNCTION WIDTH</th><th>FUNCTION VALUE</th></tr></thead><tbody><tr><td>1</td><td>N</td><td>1</td><td>f</td><td>156.10 MHz</td><td>-7.219 dBm</td><td></td><td></td><td></td></tr><tr><td>2</td><td>N</td><td>1</td><td>f</td><td>948.69 MHz</td><td>-33.581 dBm</td><td></td><td></td><td></td></tr><tr><td>3</td><td>N</td><td>1</td><td>f</td><td>98.87 MHz</td><td>-45.878 dBm</td><td></td><td></td><td></td></tr><tr><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>7</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>8</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>9</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>10</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>11</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table> Frequency Auto Tune Center Freq 515.000000 MHz Start Freq 30.000000 MHz Stop Freq 1.000000000 GHz CF Step 97.000000 MHz Man Freq Offset 0 Hz	MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	156.10 MHz	-7.219 dBm				2	N	1	f	948.69 MHz	-33.581 dBm				3	N	1	f	98.87 MHz	-45.878 dBm				4									6									7									8									9									10									11								
MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE																																																																																														
1	N	1	f	156.10 MHz	-7.219 dBm																																																																																																	
2	N	1	f	948.69 MHz	-33.581 dBm																																																																																																	
3	N	1	f	98.87 MHz	-45.878 dBm																																																																																																	
4																																																																																																						
6																																																																																																						
7																																																																																																						
8																																																																																																						
9																																																																																																						
10																																																																																																						
11																																																																																																						
TX-AWH	FM	CH _L	Agilent Spectrum Analyzer - Swept SA Center Freq 1.280250000 GHz Ref Offset 20 dB Ref 0.00 dBm Mkr1 1.4293 GHz -54.263 dBm Start 1.0000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Stop 1.5605 GHz Sweep 1.000 ms (1001 pts) <table><thead><tr><th>MKR</th><th>MODE</th><th>TRC</th><th>SCL</th><th>X</th><th>Y</th><th>FUNCTION</th><th>FUNCTION WIDTH</th><th>FUNCTION VALUE</th></tr></thead><tbody><tr><td>1</td><td>N</td><td>1</td><td>f</td><td>156.10 MHz</td><td>-7.219 dBm</td><td></td><td></td><td></td></tr><tr><td>2</td><td>N</td><td>1</td><td>f</td><td>948.69 MHz</td><td>-33.581 dBm</td><td></td><td></td><td></td></tr><tr><td>3</td><td>N</td><td>1</td><td>f</td><td>98.87 MHz</td><td>-45.878 dBm</td><td></td><td></td><td></td></tr><tr><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>7</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>8</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>9</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>10</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>11</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table> Frequency Auto Tune Center Freq 1.280250000 GHz Start Freq 1.000000000 GHz Stop Freq 1.560500000 GHz CF Step 56.050000 MHz Man Freq Offset 0 Hz	MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	156.10 MHz	-7.219 dBm				2	N	1	f	948.69 MHz	-33.581 dBm				3	N	1	f	98.87 MHz	-45.878 dBm				4									6									7									8									9									10									11								
MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE																																																																																														
1	N	1	f	156.10 MHz	-7.219 dBm																																																																																																	
2	N	1	f	948.69 MHz	-33.581 dBm																																																																																																	
3	N	1	f	98.87 MHz	-45.878 dBm																																																																																																	
4																																																																																																						
6																																																																																																						
7																																																																																																						
8																																																																																																						
9																																																																																																						
10																																																																																																						
11																																																																																																						
TX-AWH	FM	CH _M	Agilent Spectrum Analyzer - Swept SA Center Freq 515.000000 MHz Ref Offset 20 dB Ref 0.00 dBm Mkr3 78.50 MHz -43.435 dBm Start 30.0 MHz #Res BW 100 kHz #VBW 300 kHz Stop 1.0000 GHz Sweep 92.73 ms (1001 pts) <table><thead><tr><th>MKR</th><th>MODE</th><th>TRC</th><th>SCL</th><th>X</th><th>Y</th><th>FUNCTION</th><th>FUNCTION WIDTH</th><th>FUNCTION VALUE</th></tr></thead><tbody><tr><td>1</td><td>N</td><td>1</td><td>f</td><td>157.07 MHz</td><td>-10.037 dBm</td><td></td><td></td><td></td></tr><tr><td>2</td><td>N</td><td>1</td><td>f</td><td>948.69 MHz</td><td>-42.271 dBm</td><td></td><td></td><td></td></tr><tr><td>3</td><td>N</td><td>1</td><td>f</td><td>78.50 MHz</td><td>-43.435 dBm</td><td></td><td></td><td></td></tr><tr><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>7</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>8</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>9</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>10</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>11</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table> Frequency Auto Tune Center Freq 515.000000 MHz Start Freq 30.000000 MHz Stop Freq 1.000000000 GHz CF Step 97.000000 MHz Man Freq Offset 0 Hz	MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	157.07 MHz	-10.037 dBm				2	N	1	f	948.69 MHz	-42.271 dBm				3	N	1	f	78.50 MHz	-43.435 dBm				4									6									7									8									9									10									11								
MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE																																																																																														
1	N	1	f	157.07 MHz	-10.037 dBm																																																																																																	
2	N	1	f	948.69 MHz	-42.271 dBm																																																																																																	
3	N	1	f	78.50 MHz	-43.435 dBm																																																																																																	
4																																																																																																						
6																																																																																																						
7																																																																																																						
8																																																																																																						
9																																																																																																						
10																																																																																																						
11																																																																																																						

Appendix I:Spurious Emission On Antenna Port

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-AWH	FM	CH _M	 Agilent Spectrum Analyzer - Swept SA Center Freq 1.284000000 GHz Ref Offset 20 dB Ref 0.00 dBm Mkr1 1.561184 GHz -54.028 dBm Start 1.0000 GHz #Res BW 1.0 MHz Stop 1.5680 GHz #VBW 3.0 MHz Sweep 1.000 ms (1001 pts) Frequency Auto Tune Center Freq 1.284000000 GHz Start Freq 1.000000000 GHz Stop Freq 1.568000000 GHz CF Step 56.800000 MHz Auto Man Freq Offset 0 Hz
TX-AWH	FM	CH _H	 Agilent Spectrum Analyzer - Swept SA Center Freq 515.000000 MHz Ref Offset 20 dB Ref 0.00 dBm Mkr3 81.41 MHz -40.275 dBm Start 30.0 MHz #Res BW 100 kHz Stop 1.000 GHz #VBW 300 kHz Sweep 92.73 ms (1001 pts) Frequency Auto Tune Center Freq 515.000000 MHz Start Freq 30.000000 MHz Stop Freq 1.000000000 GHz CF Step 97.000000 MHz Auto Man Freq Offset 0 Hz
TX-AWH	FM	CH _H	 Agilent Spectrum Analyzer - Swept SA Center Freq 1.309625000 GHz Ref Offset 20 dB Ref 0.00 dBm Mkr1 1.2452 GHz -54.045 dBm Start 1.0000 GHz #Res BW 1.0 MHz Stop 1.6193 GHz #VBW 3.0 MHz Sweep 1.000 ms (1001 pts) Frequency Auto Tune Center Freq 1.309625000 GHz Start Freq 1.000000000 GHz Stop Freq 1.619250000 GHz CF Step 61.925000 MHz Auto Man Freq Offset 0 Hz

----End of Report----