

Project No.	SHT2205110601EW		
Test sample No.	YPHT22051106003	Model No.	RM01
Start test date	2022/6/1	Finish date	2022/6/6
Temperature	24.1℃	Humidity	54%
Test Engineer	<i>Casper Chen</i>	Auditor	<i>Xiaodong Zhu</i>

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	Audio 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	Result
TX-AWH	FM	CH _L	34.85	3.05	5	PASS
TX-AWH	FM	CH _M	34.82	3.03	5	PASS
TX-AWH	FM	CH _H	34.90	3.09	5	PASS
TX-AWL	FM	CH _L	29.92	0.98	1	PASS
TX-AWL	FM	CH _M	29.78	0.95	1	PASS
TX-AWL	FM	CH _H	29.70	0.93	1	PASS

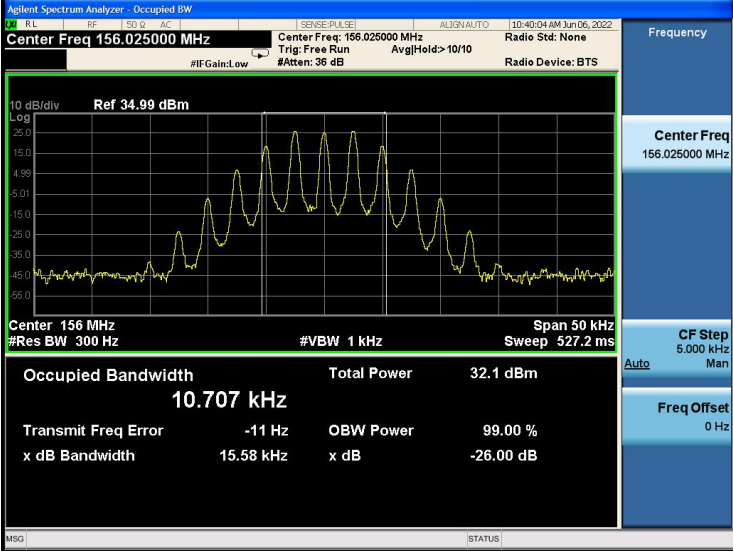
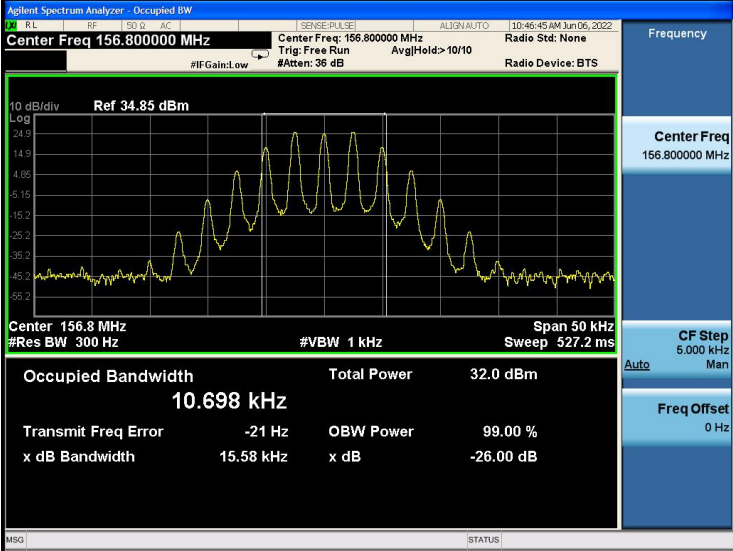
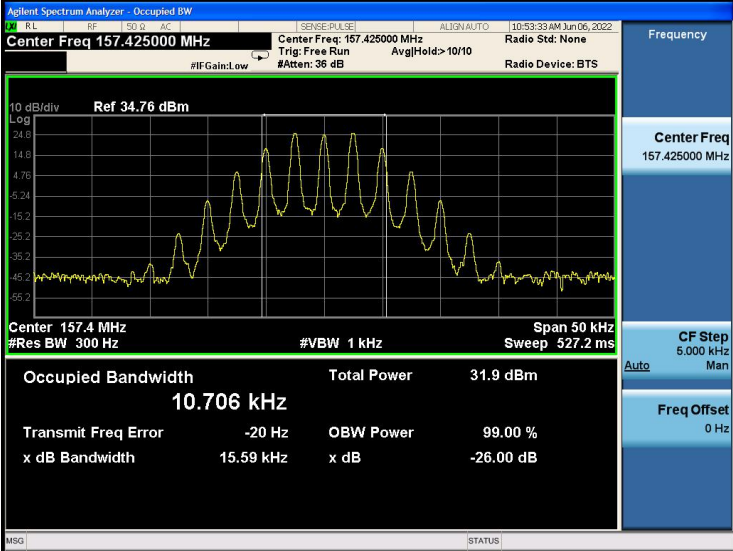
Appendix B:Occupied Bandwidth

Operation Mode	Modulation Type	Test Channel	Occupied Bandwidth		99% Limit(kHz)	Result
			99%(kHz)	26dB(kHz)		
TX-AWH	FM	CH _L	10.700	15.58	≤20	PASS
TX-AWH	FM	CH _M	10.700	15.58	≤20	PASS
TX-AWH	FM	CH _H	10.698	15.58	≤20	PASS
TX-AWL	FM	CH _L	10.707	15.58	≤20	PASS
TX-AWL	FM	CH _M	10.698	15.58	≤20	PASS
TX-AWL	FM	CH _H	10.706	15.59	≤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 156.025000 MHz Center Freq: 156.025000 MHz Trig: Free Run Avg Hold> 10/10 Radio Std: None Radio Device: BTS Ref 39.13 dBm Center 156 MHz #Res BW 300 Hz #VBW 1 kHz Span 50 kHz Sweep 527.2 ms Occupied Bandwidth 10.700 kHz Total Power 36.2 dBm Transmit Freq Error -17 Hz OBW Power 99.00 % x dB Bandwidth 15.58 kHz x dB -26.00 dB Frequency 156.025000 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 39.10 dBm Center 156.8 MHz #Res BW 300 Hz #VBW 1 kHz Span 50 kHz Sweep 527.2 ms Occupied Bandwidth 10.700 kHz Total Power 36.2 dBm Transmit Freq Error -19 Hz OBW Power 99.00 % x dB Bandwidth 15.58 kHz x dB -26.00 dB Frequency 156.800000 MHz CF Step 5.000 kHz Freq Offset 0 Hz
TX-AWH	FM	CH _H	Agilent Spectrum Analyzer - Occupied BW Center Freq 157.425000 MHz Center Freq: 157.425000 MHz Trig: Free Run Avg Hold> 10/10 Radio Std: None Radio Device: BTS Ref 39.12 dBm Center 157.4 MHz #Res BW 300 Hz #VBW 1 kHz Span 50 kHz Sweep 527.2 ms Occupied Bandwidth 10.697 kHz Total Power 36.2 dBm Transmit Freq Error -26 Hz OBW Power 99.00 % x dB Bandwidth 15.59 kHz x dB -26.00 dB Frequency 157.425000 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 156.025000 MHz Center Freq: 156.025000 MHz Trig: Free Run #Att: 36 dB Radio Std: None Radio Device: BTS Ref 34.99 dBm Center 156 MHz #Res BW 300 Hz #VBW 1 kHz Span 50 kHz Sweep 527.2 ms Occupied Bandwidth 10.707 kHz Total Power 32.1 dBm Transmit Freq Error -11 Hz OBW Power 99.00 % x dB Bandwidth 15.58 kHz x dB -26.00 dB Frequency 156.025000 MHz Center Freq 156.025000 MHz CF Step 5.000 kHz Freq Offset 0 Hz
TX-AWL	FM	CH _M	 Agilent Spectrum Analyzer - Occupied BW Center Freq 156.800000 MHz Center Freq: 156.800000 MHz Trig: Free Run #Att: 36 dB Radio Std: None Radio Device: BTS Ref 34.85 dBm Center 156.8 MHz #Res BW 300 Hz #VBW 1 kHz Span 50 kHz Sweep 527.2 ms Occupied Bandwidth 10.698 kHz Total Power 32.0 dBm Transmit Freq Error -21 Hz OBW Power 99.00 % x dB Bandwidth 15.58 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-AWL	FM	CH _H	 Agilent Spectrum Analyzer - Occupied BW Center Freq 157.425000 MHz Center Freq: 157.425000 MHz Trig: Free Run #Att: 36 dB Radio Std: None Radio Device: BTS Ref 34.76 dBm Center 157.4 MHz #Res BW 300 Hz #VBW 1 kHz Span 50 kHz Sweep 527.2 ms Occupied Bandwidth 10.706 kHz Total Power 31.9 dBm Transmit Freq Error -20 Hz OBW Power 99.00 % x dB Bandwidth 15.59 kHz x dB -26.00 dB Frequency 157.425000 MHz Center Freq 157.425000 MHz CF Step 5.000 kHz Freq Offset 0 Hz

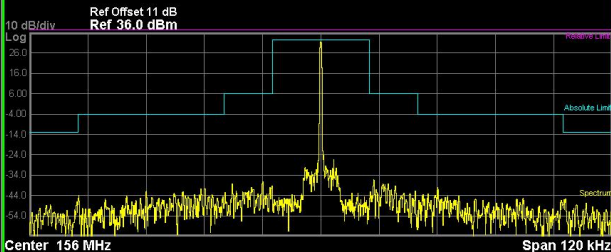
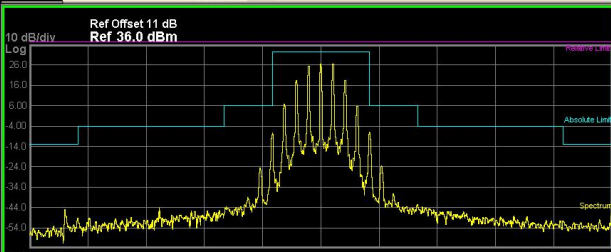
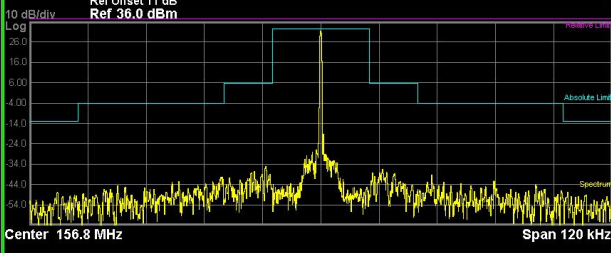
Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																															
TX-AWH	FM	CH _L	Agilent Spectrum Analyzer - Spectrum Emission Mask RLRF50 QACSENSE-PULSEALIGN AUTO10:37:59 AM Jun 06, 2022 Center Freq 156.025000 MHzRadio Std: None PASSIF Gain: Low#Atten: 40 dBRadio Device: BTS Ref Offset 11 dB Ref 41.0 dBm 10 dB/div Log 31.0 21.0 11.0 1.00 -9.00 -19.0 -29.0 -39.0 -49.0 Residual Lim Absolute Lim Spectrum Center 156 MHzSpan 120 kHz Total Power Ref35.40 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 > dBm</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>35.65</td><td>(-1.00)</td><td>-59.88</td><td>35.65</td><td>(-1.00)</td><td>59.88</td></tr><tr><td>10.00 kHz</td><td>20.00 kHz</td><td>300.0 Hz</td><td>-34.67</td><td>(-44.82)</td><td>-10.36 k</td><td>-32.19</td><td>(-42.34)</td><td>13.60 k</td></tr><tr><td>20.00 kHz</td><td>50.00 kHz</td><td>300.0 Hz</td><td>-36.83</td><td>(-36.98)</td><td>-20.25 k</td><td>-36.36</td><td>(-36.52)</td><td>24.99 k</td></tr><tr><td>50.00 kHz</td><td>60.00 kHz</td><td>300.0 Hz</td><td>-39.07</td><td>(-26.07)</td><td>-50.05 k</td><td>-41.29</td><td>(-28.29)</td><td>50.00 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> MSGFile <MASK B.state> recalledSTATUS Frequency Center Freq156.025000 MHz CF Step12.000 kHzMan Auto Freq Offset0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	10.00 kHz	300.0 Hz	35.65	(-1.00)	-59.88	35.65	(-1.00)	59.88	10.00 kHz	20.00 kHz	300.0 Hz	-34.67	(-44.82)	-10.36 k	-32.19	(-42.34)	13.60 k	20.00 kHz	50.00 kHz	300.0 Hz	-36.83	(-36.98)	-20.25 k	-36.36	(-36.52)	24.99 k	50.00 kHz	60.00 kHz	300.0 Hz	-39.07	(-26.07)	-50.05 k	-41.29	(-28.29)	50.00 k	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	(—)	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	(—)	(—)	—
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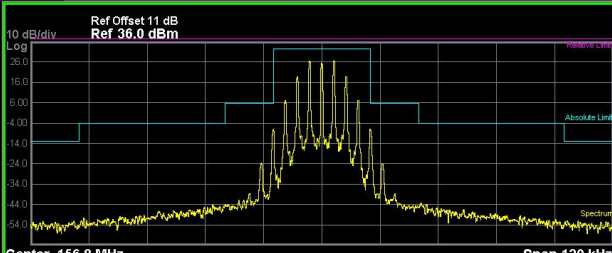
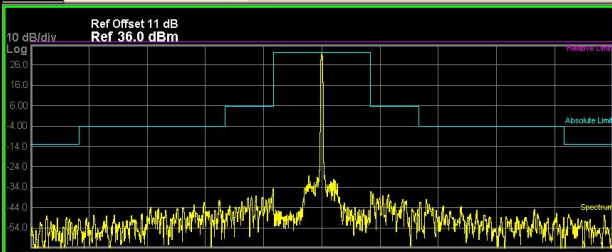
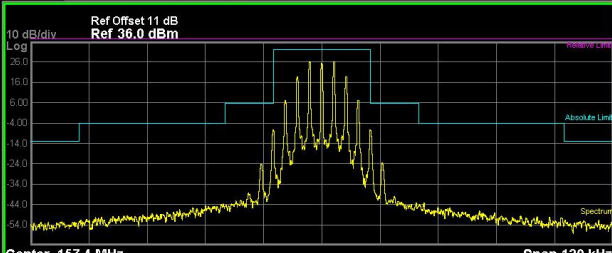
Appendix C:Emission Mask

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TX-AWH	FM	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 157.425000 MHz Center Freq: 157.425000 MHz Trig: Free Run Avg: 100.00% of 10 Radio Std: None Radio Device: BTS Ref Offset 11 dB Ref 41.0 dBm 10 dB/div Log 31.0 21.0 11.0 1.00 0.00 -9.00 -19.0 -29.0 -39.0 -49.0 Center 157.4 MHz Span 120 kHz Total Power Ref 35.34 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 -> dBm</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>35.59</td><td>(-1.00)</td><td>-59.88</td><td>35.58</td><td>(-1.01)</td><td>59.88</td></tr><tr><td>10.00 kHz</td><td>20.00 kHz</td><td>300.0 Hz</td><td>-29.25</td><td>(-39.34)</td><td>-10.12 k</td><td>-30.77</td><td>(-40.86)</td><td>10.00 k</td></tr><tr><td>20.00 kHz</td><td>50.00 kHz</td><td>300.0 Hz</td><td>-35.49</td><td>(-35.58)</td><td>-21.03 k</td><td>-37.30</td><td>(-37.39)</td><td>21.21 k</td></tr><tr><td>50.00 kHz</td><td>60.00 kHz</td><td>300.0 Hz</td><td>-45.76</td><td>(-32.76)</td><td>-58.86 k</td><td>-44.32</td><td>(-31.32)</td><td>54.54 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 <MASK B.state> recalled STATUS Frequency Center Freq 157.425000 MHz CF Step 12.000 kHz Man Freq Offset 0 Hz				Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak -> dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	10.00 kHz	300.0 Hz	35.59	(-1.00)	-59.88	35.58	(-1.01)	59.88	10.00 kHz	20.00 kHz	300.0 Hz	-29.25	(-39.34)	-10.12 k	-30.77	(-40.86)	10.00 k	20.00 kHz	50.00 kHz	300.0 Hz	-35.49	(-35.58)	-21.03 k	-37.30	(-37.39)	21.21 k	50.00 kHz	60.00 kHz	300.0 Hz	-45.76	(-32.76)	-58.86 k	-44.32	(-31.32)	54.54 k	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
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TX-AWH	FM	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 157.425000 MHz Center Freq: 157.425000 MHz Trig: Free Run Avg: 100.00% of 10 Radio Std: None Radio Device: BTS Ref Offset 11 dB Ref 41.0 dBm 10 dB/div Log 31.0 21.0 11.0 1.00 0.00 -9.00 -19.0 -29.0 -39.0 -49.0 Center 157.4 MHz Span 120 kHz Total Power Ref 35.29 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 -> dBm</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>30.54</td><td>(-6.04)</td><td>-2.575 k</td><td>30.55</td><td>(-6.04)</td><td>2.515 k</td></tr><tr><td>10.00 kHz</td><td>20.00 kHz</td><td>300.0 Hz</td><td>-3.314</td><td>(-13.40)</td><td>-10.00 k</td><td>-2.987</td><td>(-13.08)</td><td>10.00 k</td></tr><tr><td>20.00 kHz</td><td>50.00 kHz</td><td>300.0 Hz</td><td>-40.31</td><td>(-40.40)</td><td>-20.85 k</td><td>-40.35</td><td>(-40.44)</td><td>20.00 k</td></tr><tr><td>50.00 kHz</td><td>60.00 kHz</td><td>300.0 Hz</td><td>-46.94</td><td>(-33.94)</td><td>-53.47 k</td><td>-47.58</td><td>(-34.58)</td><td>50.53 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 <Temp.png> saved STATUS Frequency Center Freq 157.425000 MHz CF Step 12.000 kHz Man Freq Offset 0 Hz				Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak -> dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	10.00 kHz	300.0 Hz	30.54	(-6.04)	-2.575 k	30.55	(-6.04)	2.515 k	10.00 kHz	20.00 kHz	300.0 Hz	-3.314	(-13.40)	-10.00 k	-2.987	(-13.08)	10.00 k	20.00 kHz	50.00 kHz	300.0 Hz	-40.31	(-40.40)	-20.85 k	-40.35	(-40.44)	20.00 k	50.00 kHz	60.00 kHz	300.0 Hz	-46.94	(-33.94)	-53.47 k	-47.58	(-34.58)	50.53 k	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
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Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																																																																																																																																																																								
TX-AWL	FM	CH _L	Agilent Spectrum Analyzer - Spectrum Emission Mask RLRF50 QACSENSE-PULSEALIGN AUTO10:40:54 AM Jun 06, 2022 Center Freq 156.025000 MHzCenter Freq: 156.025000 MHzRadio Std: None PASSIFGain:LowTrig: Free Run#Atten: 40 dBRadio Device: BTS 10 dB/div Log Ref Offset 11 dB Ref 36.0 dBm  Center 156 MHzSpan 120 kHz Total Power Ref31.27 dBm @ 0.125 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 > dBm</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>31.52</td><td>(-0.97)</td><td>-59.88</td><td>31.52</td><td>(-0.97)</td><td>59.88</td></tr><tr><td>10.00 kHz</td><td>20.00 kHz</td><td>300.0 Hz</td><td>-37.32</td><td>(-43.31)</td><td>-11.98 k</td><td>-36.29</td><td>(-42.28)</td><td>10.90 k</td></tr><tr><td>20.00 kHz</td><td>50.00 kHz</td><td>300.0 Hz</td><td>-40.65</td><td>(-36.64)</td><td>-23.85 k</td><td>-40.21</td><td>(-36.20)</td><td>24.15 k</td></tr><tr><td>50.00 kHz</td><td>60.00 kHz</td><td>300.0 Hz</td><td>-45.97</td><td>(-32.97)</td><td>-50.00 k</td><td>-45.77</td><td>(-32.77)</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 <MASK B.state> recalledSTATUS Frequency Center Freq156.025000 MHz CF Step12.000 kHzMan Freq Offset0 Hz		Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	10.00 kHz	300.0 Hz	31.52	(-0.97)	-59.88	31.52	(-0.97)	59.88	10.00 kHz	20.00 kHz	300.0 Hz	-37.32	(-43.31)	-11.98 k	-36.29	(-42.28)	10.90 k	20.00 kHz	50.00 kHz	300.0 Hz	-40.65	(-36.64)	-23.85 k	-40.21	(-36.20)	24.15 k	50.00 kHz	60.00 kHz	300.0 Hz	-45.97	(-32.97)	-50.00 k	-45.77	(-32.77)	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 _L	Agilent Spectrum Analyzer - Spectrum Emission Mask RLRF50 QACSENSE-PULSEALIGN AUTO10:41:42 AM Jun 06, 2022 Center Freq 156.025000 MHzCenter Freq: 156.025000 MHzRadio Std: None PASSIFGain:LowTrig: Free RunAvg: 100.00% of 10#Atten: 40 dBRadio Device: BTS 10 dB/div Log Ref Offset 11 dB Ref 36.0 dBm  Center 156 MHzSpan 120 kHz Total Power Ref31.23 dBm @ 0.125 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 > dBm</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>26.41</td><td>(-6.08)</td><td>-59.88</td><td>26.46</td><td>(-6.03)</td><td>2.575 k</td></tr><tr><td>10.00 kHz</td><td>20.00 kHz</td><td>300.0 Hz</td><td>-8.283</td><td>(-14.27)</td><td>-10.00 k</td><td>-7.012</td><td>(-13.00)</td><td>10.00 k</td></tr><tr><td>20.00 kHz</td><td>50.00 kHz</td><td>300.0 Hz</td><td>-44.39</td><td>(-40.38)</td><td>-33.20 k</td><td>-43.07</td><td>(-39.06)</td><td>20.00 k</td></tr><tr><td>50.00 kHz</td><td>60.00 kHz</td><td>300.0 Hz</td><td>-45.14</td><td>(-32.14)</td><td>-52.69 k</td><td>-46.37</td><td>(-33.37)</td><td>59.94 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 Freq156.025000 MHz CF Step12.000 kHzMan Freq Offset0 Hz		Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	10.00 kHz	300.0 Hz	26.41	(-6.08)	-59.88	26.46	(-6.03)	2.575 k	10.00 kHz	20.00 kHz	300.0 Hz	-8.283	(-14.27)	-10.00 k	-7.012	(-13.00)	10.00 k	20.00 kHz	50.00 kHz	300.0 Hz	-44.39	(-40.38)	-33.20 k	-43.07	(-39.06)	20.00 k	50.00 kHz	60.00 kHz	300.0 Hz	-45.14	(-32.14)	-52.69 k	-46.37	(-33.37)	59.94 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 RLRF50 QACSENSE-PULSEALIGN AUTO10:47:40 AM Jun 06, 2022 Center Freq 156.800000 MHzCenter Freq: 156.800000 MHzRadio Std: None PASSIFGain:LowTrig: Free Run#Atten: 40 dBRadio Device: BTS 10 dB/div Log Ref Offset 11 dB Ref 36.0 dBm  Center 156.8 MHzSpan 120 kHz Total Power Ref31.14 dBm @ 0.125 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 > dBm</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>31.38</td><td>(-0.97)</td><td>-59.88</td><td>31.38</td><td>(-0.97)</td><td>59.88</td></tr><tr><td>10.00 kHz</td><td>20.00 kHz</td><td>300.0 Hz</td><td>-35.15</td><td>(-41.00)</td><td>-11.38 k</td><td>-36.48</td><td>(-42.33)</td><td>12.70 k</td></tr><tr><td>20.00 kHz</td><td>50.00 kHz</td><td>300.0 Hz</td><td>-40.38</td><td>(-36.23)</td><td>-20.19 k</td><td>-39.33</td><td>(-35.18)</td><td>22.89 k</td></tr><tr><td>50.00 kHz</td><td>60.00 kHz</td><td>300.0 Hz</td><td>-47.91</td><td>(-34.91)</td><td>-54.24 k</td><td>-47.64</td><td>(-34.64)</td><td>50.83 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 Freq156.800000 MHz CF Step12.000 kHzMan Freq Offset0 Hz		Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	10.00 kHz	300.0 Hz	31.38	(-0.97)	-59.88	31.38	(-0.97)	59.88	10.00 kHz	20.00 kHz	300.0 Hz	-35.15	(-41.00)	-11.38 k	-36.48	(-42.33)	12.70 k	20.00 kHz	50.00 kHz	300.0 Hz	-40.38	(-36.23)	-20.19 k	-39.33	(-35.18)	22.89 k	50.00 kHz	60.00 kHz	300.0 Hz	-47.91	(-34.91)	-54.24 k	-47.64	(-34.64)	50.83 k	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
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Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																															
TX-AWL	FM	CH _M	Agilent Spectrum Analyzer - Spectrum Emission Mask RLRF50 QACSENSE-PULSEALIGN AUTO10:48:29 AM Jun 06, 2022 Center Freq 156.800000 MHzCenter Freq: 156.800000 MHzRadio Std: None PASSIFGain:LowTrig: Free Run#Atten: 40 dBAvg: 100.00% of 10Radio Device: BTS Ref Offset 11 dBRef 36.0 dBm 10 dB/divLog  Center 156.8 MHzSpan 120 kHz Total Power Ref 31.10 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 -> dBm</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>26.36</td><td>(-5.99)</td><td>-2.455 k</td><td>26.34</td><td>(-6.01)</td><td>2.515 k</td></tr><tr><td>10.00 kHz</td><td>20.00 kHz</td><td>300.0 Hz</td><td>-7.203</td><td>(-13.05)</td><td>-10.00 k</td><td>-7.314</td><td>(-13.17)</td><td>10.00 k</td></tr><tr><td>20.00 kHz</td><td>50.00 kHz</td><td>300.0 Hz</td><td>-44.18</td><td>(-40.03)</td><td>-22.35 k</td><td>-43.26</td><td>(-39.11)</td><td>20.49 k</td></tr><tr><td>50.00 kHz</td><td>60.00 kHz</td><td>300.0 Hz</td><td>-52.13</td><td>(-39.13)</td><td>-51.07 k</td><td>-51.98</td><td>(-38.98)</td><td>50.53 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> savedSTATUS Frequency Center Freq156.800000 MHz CF Step12.0000 kHzMan Freq Offset0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak -> dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	10.00 kHz	300.0 Hz	26.36	(-5.99)	-2.455 k	26.34	(-6.01)	2.515 k	10.00 kHz	20.00 kHz	300.0 Hz	-7.203	(-13.05)	-10.00 k	-7.314	(-13.17)	10.00 k	20.00 kHz	50.00 kHz	300.0 Hz	-44.18	(-40.03)	-22.35 k	-43.26	(-39.11)	20.49 k	50.00 kHz	60.00 kHz	300.0 Hz	-52.13	(-39.13)	-51.07 k	-51.98	(-38.98)	50.53 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 -> dBm	Upper ΔLim(dB)	Freq (Hz)																																																							
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TX-AWL	FM	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask RLRF50 QACSENSE-PULSEALIGN AUTO10:54:11 AM Jun 06, 2022 Center Freq 157.425000 MHzCenter Freq: 157.425000 MHzRadio Std: None PASSIFGain:LowTrig: Free Run#Atten: 40 dBAvg: 100.00% of 10Radio Device: BTS Ref Offset 11 dBRef 36.0 dBm 10 dB/divLog  Center 157.4 MHzSpan 120 kHz Total Power Ref 31.04 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 -> dBm</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>31.28</td><td>(-0.97)</td><td>-59.88</td><td>31.28</td><td>(-0.97)</td><td>59.88</td></tr><tr><td>10.00 kHz</td><td>20.00 kHz</td><td>300.0 Hz</td><td>-34.87</td><td>(-40.62)</td><td>-10.06 k</td><td>-36.22</td><td>(-41.97)</td><td>10.06 k</td></tr><tr><td>20.00 kHz</td><td>50.00 kHz</td><td>300.0 Hz</td><td>-40.57</td><td>(-36.33)</td><td>-21.03 k</td><td>-40.09</td><td>(-35.84)</td><td>21.57 k</td></tr><tr><td>50.00 kHz</td><td>60.00 kHz</td><td>300.0 Hz</td><td>-48.02</td><td>(-35.02)</td><td>-56.70 k</td><td>-47.30</td><td>(-34.30)</td><td>50.89 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 Freq157.425000 MHz CF Step12.0000 kHzMan Freq Offset0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak -> dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	10.00 kHz	300.0 Hz	31.28	(-0.97)	-59.88	31.28	(-0.97)	59.88	10.00 kHz	20.00 kHz	300.0 Hz	-34.87	(-40.62)	-10.06 k	-36.22	(-41.97)	10.06 k	20.00 kHz	50.00 kHz	300.0 Hz	-40.57	(-36.33)	-21.03 k	-40.09	(-35.84)	21.57 k	50.00 kHz	60.00 kHz	300.0 Hz	-48.02	(-35.02)	-56.70 k	-47.30	(-34.30)	50.89 k	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
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TX-AWL	FM	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask RLRF50 QACSENSE-PULSEALIGN AUTO10:54:59 AM Jun 06, 2022 Center Freq 157.425000 MHzCenter Freq: 157.425000 MHzRadio Std: None PASSIFGain:LowTrig: Free Run#Atten: 40 dBAvg: 100.00% of 10Radio Device: BTS Ref Offset 11 dBRef 36.0 dBm 10 dB/divLog  Center 157.4 MHzSpan 120 kHz Total Power Ref 30.99 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 -> dBm</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>26.24</td><td>(-6.01)</td><td>-2.575 k</td><td>26.25</td><td>(-6.01)</td><td>2.455 k</td></tr><tr><td>10.00 kHz</td><td>20.00 kHz</td><td>300.0 Hz</td><td>-7.362</td><td>(-13.12)</td><td>-10.00 k</td><td>-7.403</td><td>(-13.16)</td><td>10.00 k</td></tr><tr><td>20.00 kHz</td><td>50.00 kHz</td><td>300.0 Hz</td><td>-43.72</td><td>(-39.48)</td><td>-20.25 k</td><td>-43.21</td><td>(-38.96)</td><td>21.09 k</td></tr><tr><td>50.00 kHz</td><td>60.00 kHz</td><td>300.0 Hz</td><td>-52.44</td><td>(-39.44)</td><td>-50.00 k</td><td>-51.75</td><td>(-38.75)</td><td>57.06 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 Freq157.425000 MHz CF Step12.0000 kHzMan Freq Offset0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak -> dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	10.00 kHz	300.0 Hz	26.24	(-6.01)	-2.575 k	26.25	(-6.01)	2.455 k	10.00 kHz	20.00 kHz	300.0 Hz	-7.362	(-13.12)	-10.00 k	-7.403	(-13.16)	10.00 k	20.00 kHz	50.00 kHz	300.0 Hz	-43.72	(-39.48)	-20.25 k	-43.21	(-38.96)	21.09 k	50.00 kHz	60.00 kHz	300.0 Hz	-52.44	(-39.44)	-50.00 k	-51.75	(-38.75)	57.06 k	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
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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	0.057	0.070	0.088	0.118	5	PASS
TX-AWH	FM	CH _M	-15	0.083	0.631	0.975	2.073	5	PASS
TX-AWH	FM	CH _M	-10	0.373	1.027	1.673	3.470	5	PASS
TX-AWH	FM	CH _M	-5	0.561	1.758	2.880	3.791	5	PASS
TX-AWH	FM	CH _M	0	0.895	3.099	4.098	3.862	5	PASS
TX-AWH	FM	CH _M	5	1.509	4.011	4.171	3.870	5	PASS
TX-AWH	FM	CH _M	10	2.549	4.304	4.195	3.868	5	PASS
TX-AWH	FM	CH _M	15	4.030	4.343	4.179	3.917	5	PASS
TX-AWH	FM	CH _M	20	4.519	4.345	4.201	3.974	5	PASS

Appendix D:Modulation Limit

TEST PLOT RESULT

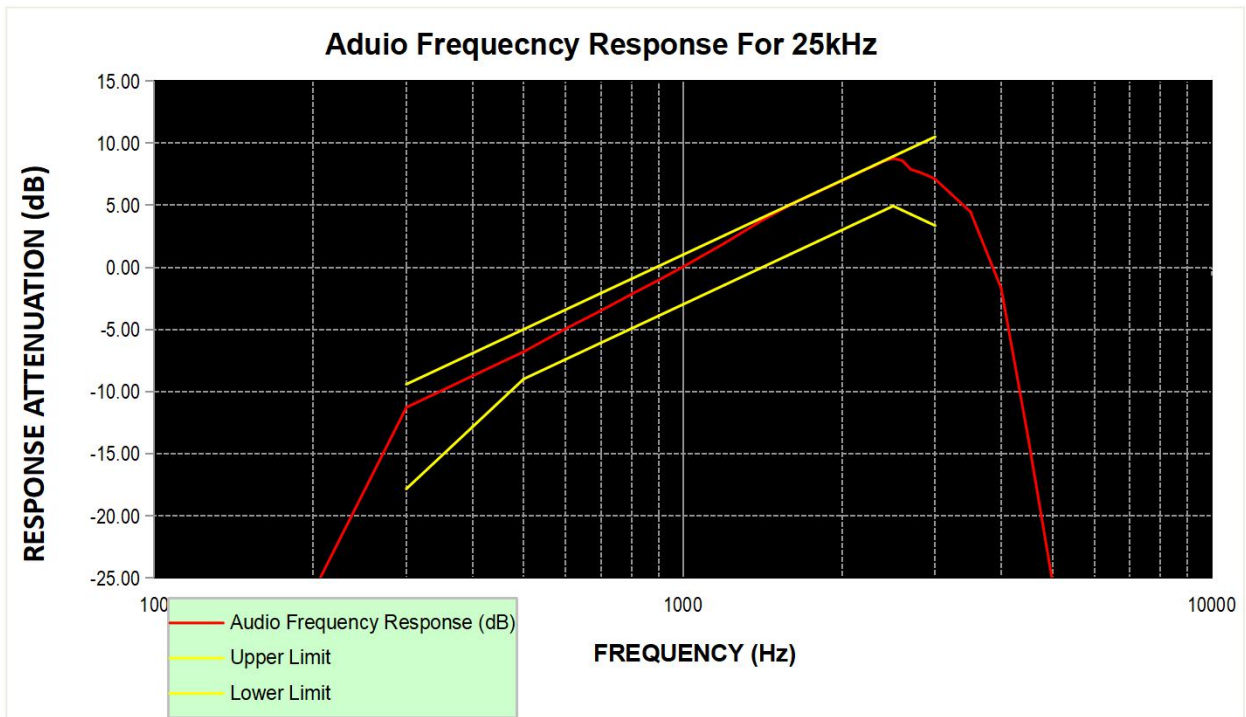


Appendix E:Audio Frequency Response

Operation Mode	Modulation Type	Test Channel	Frequency (Hz)	Audio Frequency Response (dB)	Lower Limit	Upper Limit	Result
TX-AWH	FM	CH _M	100	-37.40			PASS
TX-AWH	FM	CH _M	200	-26.13			PASS
TX-AWH	FM	CH _M	300	-11.29	-17.84	-9.42	PASS
TX-AWH	FM	CH _M	400	-8.75	-12.86	-6.93	PASS
TX-AWH	FM	CH _M	500	-6.80	-9.00	-5.00	PASS
TX-AWH	FM	CH _M	600	-4.95	-7.42	-3.42	PASS
TX-AWH	FM	CH _M	700	-3.50	-6.09	-2.09	PASS
TX-AWH	FM	CH _M	800	-2.17	-4.93	-0.93	PASS
TX-AWH	FM	CH _M	900	-1.04	-3.91	0.09	PASS
TX-AWH	FM	CH _M	1000	0.02	-3.00	1.00	PASS
TX-AWH	FM	CH _M	1200	1.95	-1.42	2.58	PASS
TX-AWH	FM	CH _M	1400	3.69	-0.09	3.91	PASS
TX-AWH	FM	CH _M	1600	5.05	1.07	5.07	PASS
TX-AWH	FM	CH _M	1800	6.07	2.09	6.09	PASS
TX-AWH	FM	CH _M	2000	6.97	3.00	7.00	PASS
TX-AWH	FM	CH _M	2100	7.39	3.42	7.42	PASS
TX-AWH	FM	CH _M	2200	7.82	3.83	7.83	PASS
TX-AWH	FM	CH _M	2300	8.17	4.21	8.21	PASS
TX-AWH	FM	CH _M	2400	8.55	4.58	8.58	PASS
TX-AWH	FM	CH _M	2500	8.77	4.93	8.93	PASS
TX-AWH	FM	CH _M	2600	8.59	4.59	9.27	PASS
TX-AWH	FM	CH _M	2700	7.88	4.27	9.60	PASS
TX-AWH	FM	CH _M	2800	7.66	3.95	9.91	PASS
TX-AWH	FM	CH _M	2900	7.40	3.65	10.22	PASS
TX-AWH	FM	CH _M	3000	7.10	3.35	10.51	PASS
TX-AWH	FM	CH _M	3500	4.47			PASS
TX-AWH	FM	CH _M	4000	-1.69			PASS
TX-AWH	FM	CH _M	4500	-13.76			PASS
TX-AWH	FM	CH _M	5000	-25.30			PASS

Appendix E:Audio Frequency Response

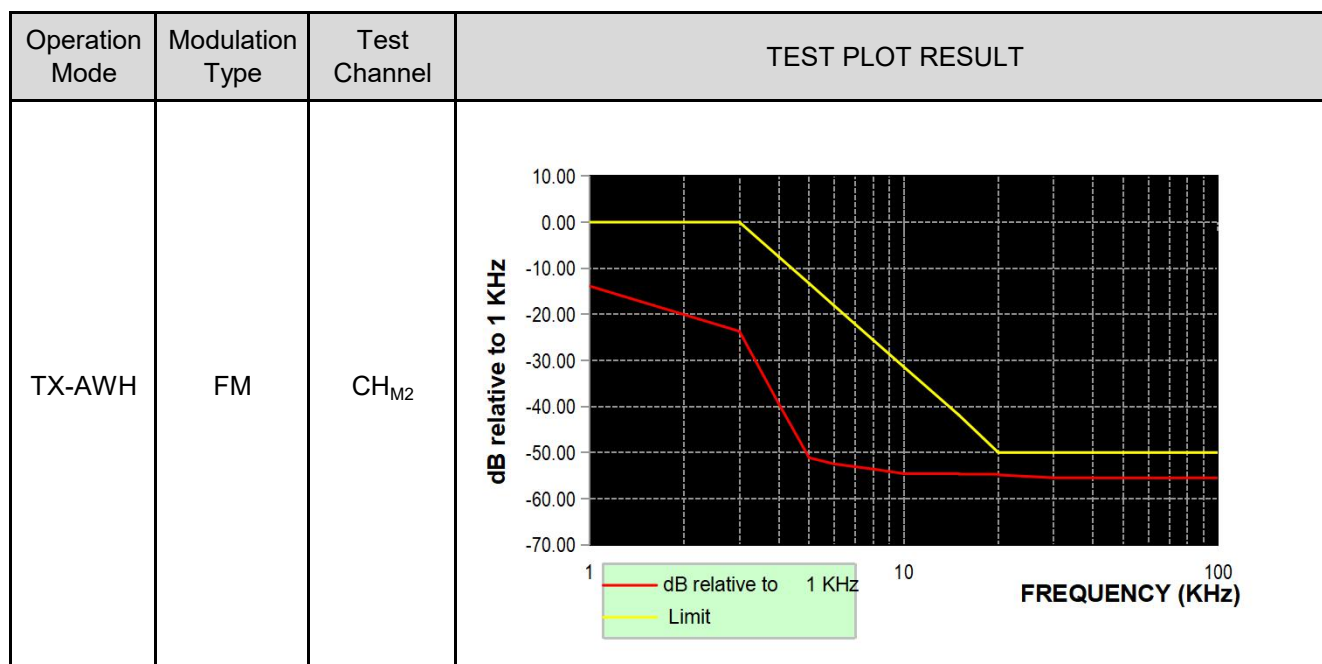
TEST PLOT RESULT



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	-13.87	0.00	PASS
TX-AWH	FM	CH _M	3	-23.69	0.00	PASS
TX-AWH	FM	CH _M	4	-39.37	-7.50	PASS
TX-AWH	FM	CH _M	5	-51.13	-13.30	PASS
TX-AWH	FM	CH _M	6	-52.47	-18.10	PASS
TX-AWH	FM	CH _M	8	-53.60	-25.60	PASS
TX-AWH	FM	CH _M	10	-54.58	-31.40	PASS
TX-AWH	FM	CH _M	15	-54.70	-41.90	PASS
TX-AWH	FM	CH _M	20	-54.86	-50.00	PASS
TX-AWH	FM	CH _M	30	-55.48	-50.00	PASS
TX-AWH	FM	CH _M	40	-55.50	-50.00	PASS
TX-AWH	FM	CH _M	50	-55.50	-50.00	PASS
TX-AWH	FM	CH _M	60	-55.51	-50.00	PASS
TX-AWH	FM	CH _M	70	-55.50	-50.00	PASS
TX-AWH	FM	CH _M	80	-55.49	-50.00	PASS
TX-AWH	FM	CH _M	90	-55.50	-50.00	PASS
TX-AWH	FM	CH _M	100	-55.51	-50.00	PASS

Appendix F:Audio Low Pass Filter Response



Appendix G:Frequency Stability Test & Temperature

Operation Mode	Modulation Type	Test Conditions		Frequency error (ppm)			Limit (ppm)	Result
		Voltage	Temperature	CH _L	CH _{M1}	CH _H		
TX-AWH	FM	V _N	-30	0.065	0.067	-0.021	±5.0	PASS
TX-AWH	FM	V _N	-20	0.062	0.066	-0.021	±5.0	PASS
TX-AWH	FM	V _N	-10	0.065	0.067	-0.021	±5.0	PASS
TX-AWH	FM	V _N	0	0.063	0.071	-0.021	±5.0	PASS
TX-AWH	FM	V _N	10	0.062	0.065	-0.021	±5.0	PASS
TX-AWH	FM	V _N	20	0.060	0.065	-0.020	±5.0	PASS
TX-AWH	FM	V _N	30	0.066	0.069	-0.020	±5.0	PASS
TX-AWH	FM	V _N	40	0.064	0.069	-0.020	±5.0	PASS
TX-AWH	FM	V _N	50	0.062	0.067	-0.020	±5.0	PASS
TX-AWL	FM	V _N	-30	0.056	-0.050	0.049	±5.0	PASS
TX-AWL	FM	V _N	-20	0.053	-0.049	0.050	±5.0	PASS
TX-AWL	FM	V _N	-10	0.053	-0.048	0.051	±5.0	PASS
TX-AWL	FM	V _N	0	0.058	-0.049	0.051	±5.0	PASS
TX-AWL	FM	V _N	10	0.058	-0.048	0.051	±5.0	PASS
TX-AWL	FM	V _N	20	0.053	-0.046	0.048	±5.0	PASS
TX-AWL	FM	V _N	30	0.056	-0.046	0.051	±5.0	PASS
TX-AWL	FM	V _N	40	0.054	-0.049	0.050	±5.0	PASS
TX-AWL	FM	V _N	50	0.054	-0.050	0.052	±5.0	PASS

Appendix H:Frequency Stability Test & Voltage

Operation Mode	Modulation Type	Test Conditions		Frequency error (ppm)			Limit (ppm)	Result
		Voltage	Temperature	CH _L	CH _{M1}	CH _H		
TX-AWH	FM	V _N	T _N	0.060	0.065	-0.020	±5.0	PASS
TX-AWH	FM	V _L	T _N	0.063	0.071	-0.020	±5.0	PASS
TX-AWH	FM	V _H	T _N	0.065	0.070	-0.020	±5.0	PASS
TX-AWL	FM	V _N	T _N	0.053	-0.046	0.048	±5.0	PASS
TX-AWL	FM	V _L	T _N	0.057	-0.049	0.051	±5.0	PASS
TX-AWL	FM	V _H	T _N	0.056	-0.048	0.053	±5.0	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 11 dB Ref 0.00 dBm Mkr3 627.52 MHz -33.923 dBm Start 30.0 MHz #Res BW 100 kHz Stop 1.0000 GHz #VBW 300 kHz Sweep 92.73 ms (1001 pts) <table><tr><th>MFR</th><th>MODE</th><th>TRG</th><th>SCL</th><th>X</th><th>Y</th><th>FUNCTION</th><th>FUNCTION WIDTH</th><th>FUNCTION VALUE</th></tr><tr><td>1</td><td>N</td><td>1</td><td>f</td><td>157.07 MHz</td><td>-11.856 dBm</td><td></td><td></td><td></td></tr><tr><td>2</td><td>N</td><td>1</td><td>f</td><td>313.24 MHz</td><td>-32.413 dBm</td><td></td><td></td><td></td></tr><tr><td>3</td><td>N</td><td>1</td><td>f</td><td>627.52 MHz</td><td>-33.923 dBm</td><td></td><td></td><td></td></tr></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 Auto Freq Offset 0 Hz	MFR	MODE	TRG	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	157.07 MHz	-11.856 dBm				2	N	1	f	313.24 MHz	-32.413 dBm				3	N	1	f	627.52 MHz	-33.923 dBm			
MFR	MODE	TRG	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE																															
1	N	1	f	157.07 MHz	-11.856 dBm																																		
2	N	1	f	313.24 MHz	-32.413 dBm																																		
3	N	1	f	627.52 MHz	-33.923 dBm																																		
TX-AWH	FM	CH _L	Agilent Spectrum Analyzer - Swept SA Center Freq 1.280125000 GHz Ref Offset 11 dB Ref 0.00 dBm Mkr1 1.4118 GHz -52.996 dBm Start 1.0000 GHz #Res BW 1.0 MHz Stop 1.5603 GHz #VBW 3.0 MHz Sweep 1.000 ms (1001 pts) <table><tr><th>MFR</th><th>MODE</th><th>TRG</th><th>SCL</th><th>X</th><th>Y</th><th>FUNCTION</th><th>FUNCTION WIDTH</th><th>FUNCTION VALUE</th></tr><tr><td>1</td><td>N</td><td>1</td><td>f</td><td>1.4118 GHz</td><td>-52.996 dBm</td><td></td><td></td><td></td></tr></table> Frequency Auto Tune Center Freq 1.280125000 GHz Start Freq 1.000000000 GHz Stop Freq 1.560250000 GHz CF Step 56.025000 MHz Man Auto Freq Offset 0 Hz	MFR	MODE	TRG	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	1.4118 GHz	-52.996 dBm																					
MFR	MODE	TRG	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE																															
1	N	1	f	1.4118 GHz	-52.996 dBm																																		
TX-AWH	FM	CH _M	Agilent Spectrum Analyzer - Swept SA Center Freq 515.000000 MHz Ref Offset 11 dB Ref 0.00 dBm Mkr3 627.52 MHz -34.913 dBm Start 30.0 MHz #Res BW 100 kHz Stop 1.0000 GHz #VBW 300 kHz Sweep 92.73 ms (1001 pts) <table><tr><th>MFR</th><th>MODE</th><th>TRG</th><th>SCL</th><th>X</th><th>Y</th><th>FUNCTION</th><th>FUNCTION WIDTH</th><th>FUNCTION VALUE</th></tr><tr><td>1</td><td>N</td><td>1</td><td>f</td><td>157.07 MHz</td><td>-11.972 dBm</td><td></td><td></td><td></td></tr><tr><td>2</td><td>N</td><td>1</td><td>f</td><td>313.24 MHz</td><td>-33.112 dBm</td><td></td><td></td><td></td></tr><tr><td>3</td><td>N</td><td>1</td><td>f</td><td>627.52 MHz</td><td>-34.913 dBm</td><td></td><td></td><td></td></tr></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 Auto Freq Offset 0 Hz	MFR	MODE	TRG	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	157.07 MHz	-11.972 dBm				2	N	1	f	313.24 MHz	-33.112 dBm				3	N	1	f	627.52 MHz	-34.913 dBm			
MFR	MODE	TRG	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE																															
1	N	1	f	157.07 MHz	-11.972 dBm																																		
2	N	1	f	313.24 MHz	-33.112 dBm																																		
3	N	1	f	627.52 MHz	-34.913 dBm																																		

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 11 dB Ref 0.00 dBm Mkr1 1.568 000 GHz -48.866 dBm Start 1.0000 GHz #Res BW 1.0 MHz #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 11 dB Ref 0.00 dBm Mkr3 629.46 MHz -34.275 dBm Start 30.0 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 92.73 ms (1001 pts) <table><tr><th>MKR</th><th>MODE</th><th>TRC</th><th>SOL</th><th>X</th><th>Y</th><th>FUNCTION</th><th>FUNCTION WIDTH</th><th>FUNCTION VALUE</th></tr><tr><td>1</td><td>N</td><td>1</td><td>f</td><td>157.07 MHz</td><td>-18.375 dBm</td><td></td><td></td><td></td></tr><tr><td>2</td><td>N</td><td>1</td><td>f</td><td>316.18 MHz</td><td>-32.790 dBm</td><td></td><td></td><td></td></tr><tr><td>3</td><td>N</td><td>1</td><td>f</td><td>629.46 MHz</td><td>-34.275 dBm</td><td></td><td></td><td></td></tr></table> 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	MKR	MODE	TRC	SOL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	157.07 MHz	-18.375 dBm				2	N	1	f	316.18 MHz	-32.790 dBm				3	N	1	f	629.46 MHz	-34.275 dBm			
MKR	MODE	TRC	SOL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE																															
1	N	1	f	157.07 MHz	-18.375 dBm																																		
2	N	1	f	316.18 MHz	-32.790 dBm																																		
3	N	1	f	629.46 MHz	-34.275 dBm																																		
TX-AWH	FM	CH _H	Agilent Spectrum Analyzer - Swept SA Center Freq 1.287125000 GHz Ref Offset 11 dB Ref 0.00 dBm Mkr1 1.574 3 GHz -50.895 dBm Start 1.0000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 1.000 ms (1001 pts) Frequency Auto Tune Center Freq 1.287125000 GHz Start Freq 1.000000000 GHz Stop Freq 1.574250000 GHz CF Step 57.425000 MHz Auto Man Freq Offset 0 Hz																																				

----End of Report----