

Project No.	SHT2309011202EW		
Test sample No.	YPHT23090112001	Model No.	TM2210-B1
Start test date	2023/10/11	Finish date	2023/10/25
Temperature	23.9℃	Humidity	49%
Test Engineer	<i>Casper Chen</i>	Auditor	<i>Xiaodong Zhu</i>

Appendix clause	Test Item	Test date (M/D)	Test Result (PASS/FAIL)
A	Maximum Transmitter Power	10/25	PASS
B	Occupied Bandwidth	10/25	PASS
C	Emission Mask	10/25	PASS
D	Modulation Limit	10/25	PASS
E	Audio Frequency Response	10/25	PASS
F	Frequency Stability Test & Temperature	10/25	PASS
G	Frequency Stability Test & Voltage	10/25	PASS
H	Transmitter Frequency Behavior	10/25	PASS
I	Spurious Emission On Antenna Port	10/25	PASS

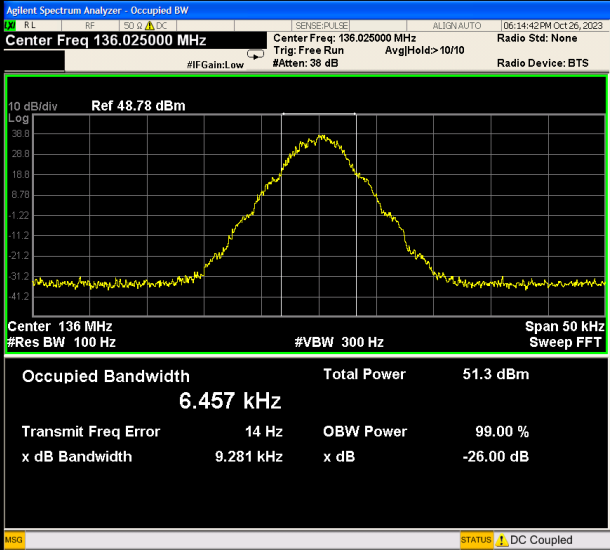
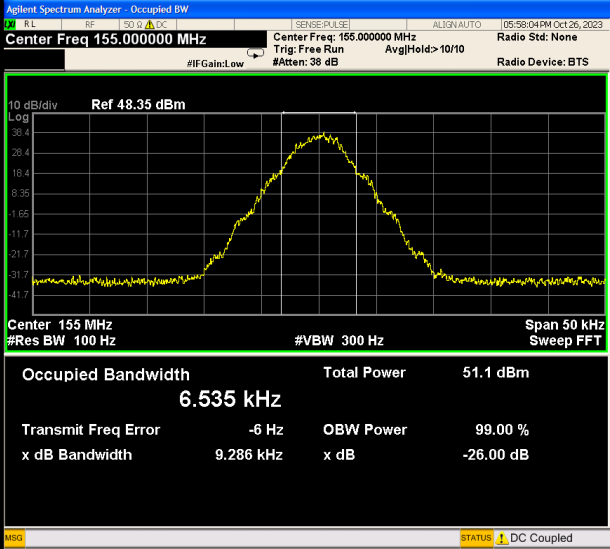
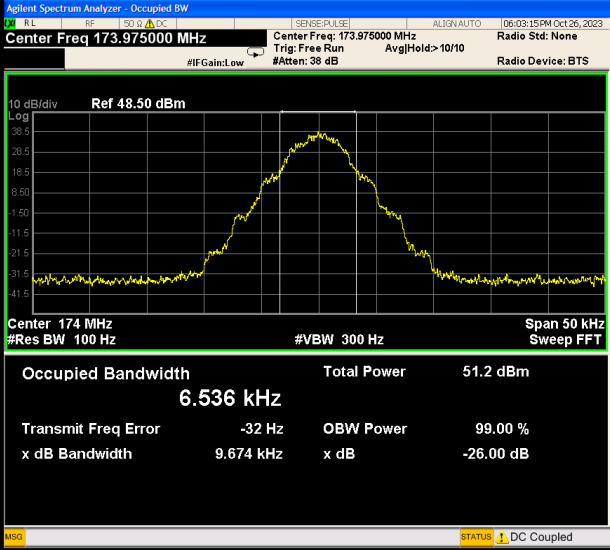
Appendix A:Maximum Transmitter Power

Operation Mode	Modulation Type	Test Channel	Measured Power(dBm)	Measured Power(W)	Rated Power(W)	Percentage(%)	Limit (%)	Result
TX-DNH	4FSK	CH _L	43.6	22.77	25.00	-8.9	±20	PASS
TX-DNH	4FSK	CH _M	43.5	22.53	25.00	-9.9	±20	PASS
TX-DNH	4FSK	CH _H	43.6	22.77	25.00	-8.9	±20	PASS
TX-DNL	4FSK	CH _L	39.7	9.26	10.00	-7.4	±20	PASS
TX-DNL	4FSK	CH _M	39.8	9.61	10.00	-3.9	±20	PASS
TX-DNL	4FSK	CH _H	39.7	9.23	10.00	-7.7	±20	PASS
TX-ANH	FM	CH _L	43.4	21.85	25.00	-12.6	±20	PASS
TX-ANH	FM	CH _M	43.4	21.94	25.00	-12.2	±20	PASS
TX-ANH	FM	CH _H	43.5	22.16	25.00	-11.4	±20	PASS
TX-ANL	FM	CH _L	39.8	9.45	10.00	-5.5	±20	PASS
TX-ANL	FM	CH _M	39.7	9.41	10.00	-5.9	±20	PASS
TX-ANL	FM	CH _H	39.6	9.05	10.00	-9.5	±20	PASS

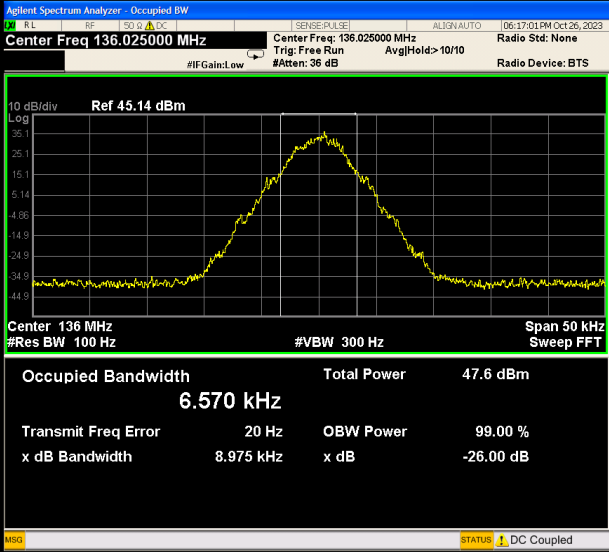
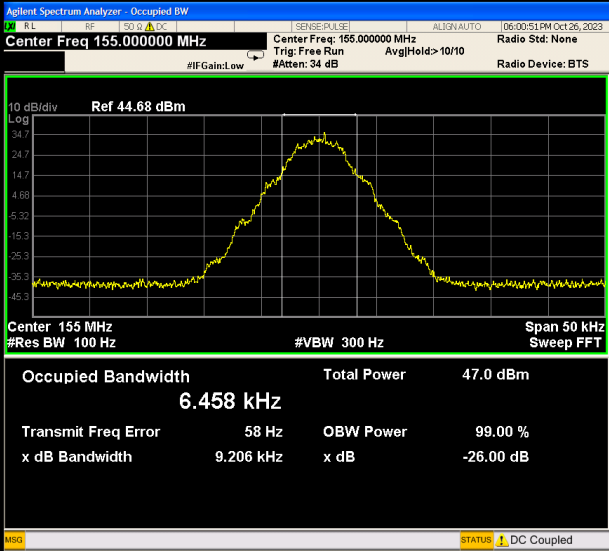
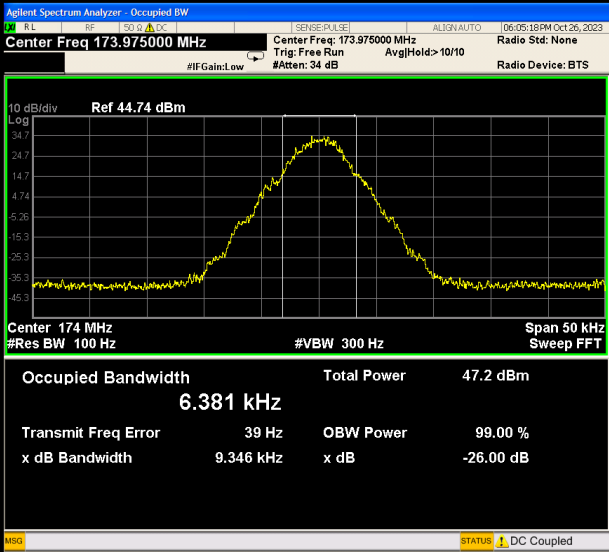
Appendix B:Occupied Bandwidth

Operation Mode	Modulation Type	Test Channel	Occupied Bandwidth		99% Limit(kHz)	Result
			99%(kHz)	26dB(kHz)		
TX-DNH	4FSK	CH _L	6.457	9.281	≤11.25	PASS
TX-DNH	4FSK	CH _M	6.535	9.286	≤11.25	PASS
TX-DNH	4FSK	CH _H	6.536	9.674	≤11.25	PASS
TX-DNL	4FSK	CH _L	6.570	8.975	≤11.25	PASS
TX-DNL	4FSK	CH _M	6.458	9.206	≤11.25	PASS
TX-DNL	4FSK	CH _H	6.381	9.346	≤11.25	PASS
TX-ANH	FM	CH _L	9.870	10.130	≤11.25	PASS
TX-ANH	FM	CH _M	9.939	10.150	≤11.25	PASS
TX-ANH	FM	CH _H	9.909	10.140	≤11.25	PASS
TX-ANL	FM	CH _L	9.863	10.130	≤11.25	PASS
TX-ANL	FM	CH _M	9.936	10.150	≤11.25	PASS
TX-ANL	FM	CH _H	9.898	10.140	≤11.25	PASS

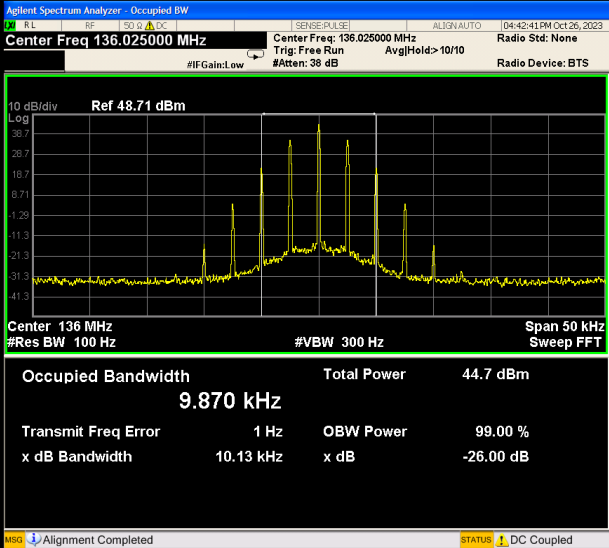
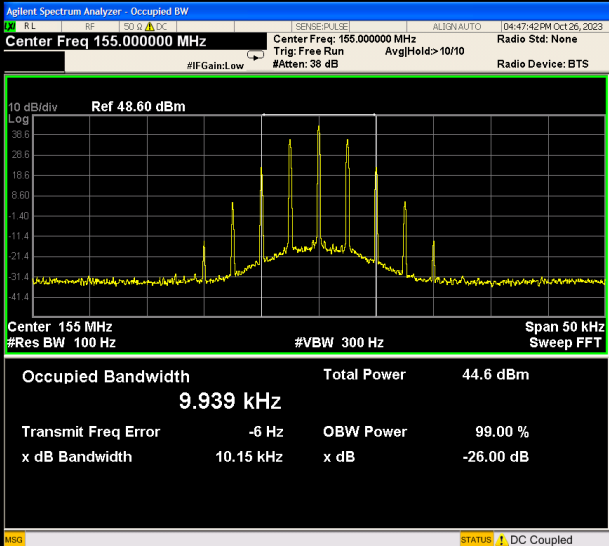
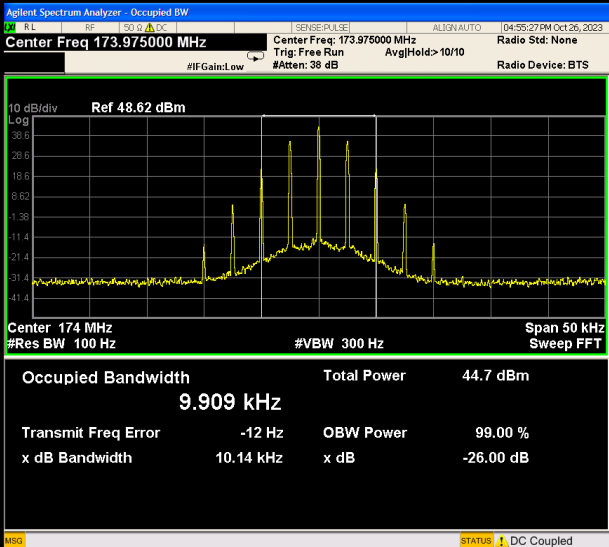
Appendix B:Occupied Bandwidth

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-DNH	4FSK	CH _L	 Agilent Spectrum Analyzer - Occupied BW Center Freq 136.025000 MHz Ref 48.78 dBm Occupied Bandwidth 6.457 kHz Total Power 51.3 dBm Transmit Freq Error 14 Hz OBW Power 99.00 %
TX-DNH	4FSK	CH _M	 Agilent Spectrum Analyzer - Occupied BW Center Freq 155.000000 MHz Ref 48.35 dBm Occupied Bandwidth 6.535 kHz Total Power 51.1 dBm Transmit Freq Error -6 Hz OBW Power 99.00 %
TX-DNH	4FSK	CH _H	 Agilent Spectrum Analyzer - Occupied BW Center Freq 173.975000 MHz Ref 48.50 dBm Occupied Bandwidth 6.536 kHz Total Power 51.2 dBm Transmit Freq Error -32 Hz OBW Power 99.00 %

Appendix B:Occupied Bandwidth

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-DNL	4FSK	CH _L	 Agilent Spectrum Analyzer - Occupied BW Center Freq 136.025000 MHz Ref 45.14 dBm Occupied Bandwidth 6.570 kHz Total Power 47.6 dBm Transmit Freq Error 20 Hz x dB Bandwidth 8.975 kHz OBW Power 99.00 % x dB -26.00 dB
TX-DNL	4FSK	CH _M	 Agilent Spectrum Analyzer - Occupied BW Center Freq 155.000000 MHz Ref 44.68 dBm Occupied Bandwidth 6.458 kHz Total Power 47.0 dBm Transmit Freq Error 58 Hz x dB Bandwidth 9.206 kHz OBW Power 99.00 % x dB -26.00 dB
TX-DNL	4FSK	CH _H	 Agilent Spectrum Analyzer - Occupied BW Center Freq 173.975000 MHz Ref 44.74 dBm Occupied Bandwidth 6.381 kHz Total Power 47.2 dBm Transmit Freq Error 39 Hz x dB Bandwidth 9.346 kHz OBW Power 99.00 % x dB -26.00 dB

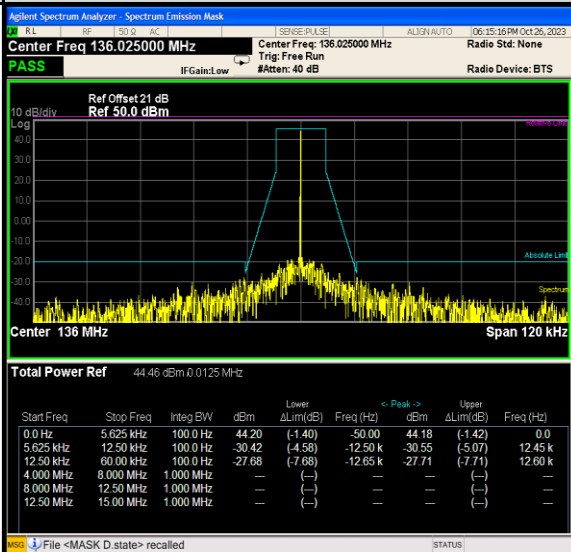
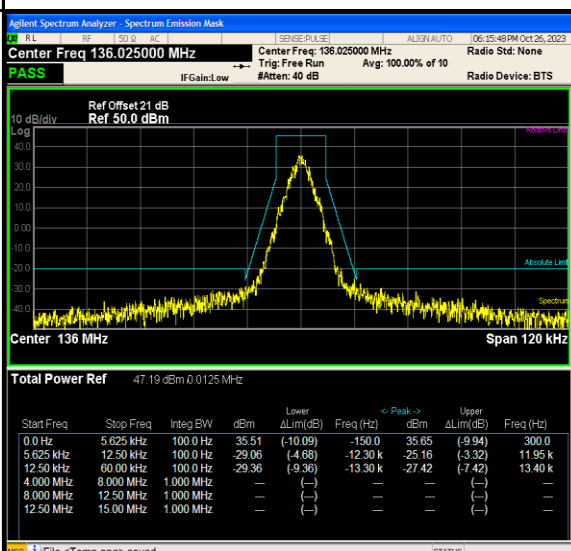
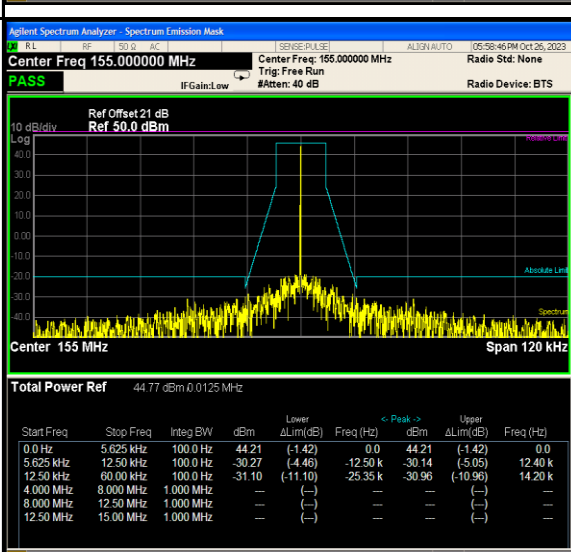
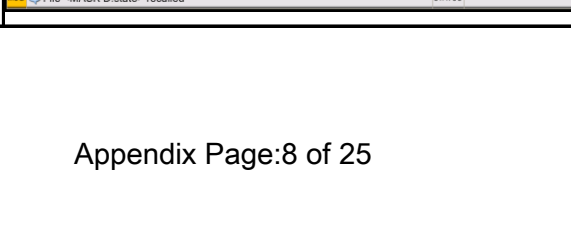
Appendix B:Occupied Bandwidth

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-ANH	FM	CH _L	 Agilent Spectrum Analyzer - Occupied BW Center Freq 136.025000 MHz Ref 48.71 dBm Occupied Bandwidth 9.870 kHz Total Power 44.7 dBm Transmit Freq Error 1 Hz OBW Power 99.00 % x dB Bandwidth 10.13 kHz x dB -26.00 dB
TX-ANH	FM	CH _M	 Agilent Spectrum Analyzer - Occupied BW Center Freq 155.000000 MHz Ref 48.60 dBm Occupied Bandwidth 9.939 kHz Total Power 44.6 dBm Transmit Freq Error -6 Hz OBW Power 99.00 % x dB Bandwidth 10.15 kHz x dB -26.00 dB
TX-ANH	FM	CH _H	 Agilent Spectrum Analyzer - Occupied BW Center Freq 173.975000 MHz Ref 48.62 dBm Occupied Bandwidth 9.909 kHz Total Power 44.7 dBm Transmit Freq Error -12 Hz OBW Power 99.00 % x dB Bandwidth 10.14 kHz x dB -26.00 dB

Appendix B:Occupied Bandwidth

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-ANL	FM	CH _L	Agilent Spectrum Analyzer - Occupied BW Center Freq 136.025000 MHz Center Freq: 136.025000 MHz Trig: Free Run Avg/Hold: >10/10 Radio Std: None Radio Device: BTS #IF Gain: Low #Atten: 36 dB Ref 44.98 dBm 10 dB/div Log 35.0 25.0 15.0 4.98 5.02 25.0 35.0 45.0 Center 136 MHz #Res BW 100 Hz #VBW 300 Hz Span 50 kHz Sweep FFT Occupied Bandwidth 9.863 kHz Total Power 41.0 dBm Transmit Freq Error 2 Hz OBW Power 99.00 % x dB Bandwidth 10.13 kHz x dB -26.00 dB Frequency 136.025000 MHz Center Freq 136.025000 MHz CF Step 5.000 kHz Freq Offset 0 Hz Auto Man STATUS DC Coupled
TX-ANL	FM	CH _M	Agilent Spectrum Analyzer - Occupied BW Center Freq 155.000000 MHz Center Freq: 155.000000 MHz Trig: Free Run Avg/Hold: >10/10 Radio Std: None Radio Device: BTS #IF Gain: Low #Atten: 34 dB Ref 44.80 dBm 10 dB/div Log 34.8 24.8 14.8 4.80 5.20 25.2 35.2 45.2 Center 155 MHz #Res BW 100 Hz #VBW 300 Hz Span 50 kHz Sweep FFT Occupied Bandwidth 9.936 kHz Total Power 40.8 dBm Transmit Freq Error -5 Hz OBW Power 99.00 % x dB Bandwidth 10.15 kHz x dB -26.00 dB Frequency 155.000000 MHz Center Freq 155.000000 MHz CF Step 5.000 kHz Freq Offset 0 Hz Auto Man STATUS DC Coupled
TX-ANL	FM	CH _H	Agilent Spectrum Analyzer - Occupied BW Center Freq 173.975000 MHz Center Freq: 173.975000 MHz Trig: Free Run Avg/Hold: >10/10 Radio Std: None Radio Device: BTS #IF Gain: Low #Atten: 34 dB Ref 44.60 dBm 10 dB/div Log 34.6 24.6 14.6 4.60 5.40 25.4 35.4 45.4 Center 174 MHz #Res BW 100 Hz #VBW 300 Hz Span 50 kHz Sweep FFT Occupied Bandwidth 9.898 kHz Total Power 40.7 dBm Transmit Freq Error -7 Hz OBW Power 99.00 % x dB Bandwidth 10.14 kHz x dB -26.00 dB Frequency 173.975000 MHz Center Freq 173.975000 MHz CF Step 5.000 kHz Freq Offset 0 Hz Auto Man STATUS DC Coupled

Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT	
TX-DNH	4FSK	CH _L		Frequency Center Freq 136.025000 MHz CF Step 12.000 kHz Auto Man Freq Offset 0 Hz
				Frequency Center Freq 136.025000 MHz CF Step 12.000 kHz Auto Man Freq Offset 0 Hz
				Frequency Center Freq 155.000000 MHz CF Step 12.000 kHz Auto Man Freq Offset 0 Hz
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Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																																
TX-DNH	4FSK	CH _M	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50.0 AC SERIAL PULSE ALIGN AUTO 05:59:21 PM Oct 26, 2023 Center Freq 155.000000 MHz Center Freq: 155.000000 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run Avg: 100.00% of 10 #Atten: 40 dB Radio Device: BTS Ref Offset 21 dB Ref 50.0 dBm 10 dB/div Log 40.0 30.0 20.0 10.0 0.00 -10.0 -20.0 -30.0 -40.0 Center 155 MHz Span 120 kHz Total Power Ref 47.28 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>5.625 kHz</td><td>100.0 Hz</td><td>36.65</td><td>(-8.98)</td><td>-250.0</td><td>34.42</td><td>(-11.21)</td><td>200.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-28.53</td><td>(-2.72)</td><td>-12.50 k</td><td>-25.98</td><td>(-0.17)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-27.99</td><td>(-7.99)</td><td>-12.85 k</td><td>-26.61</td><td>(-6.61)</td><td>14.85 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</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> File <Temp.png> saved STATUS	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak -> dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	36.65	(-8.98)	-250.0	34.42	(-11.21)	200.0	5.625 kHz	12.50 kHz	100.0 Hz	-28.53	(-2.72)	-12.50 k	-25.98	(-0.17)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-27.99	(-7.99)	-12.85 k	-26.61	(-6.61)	14.85 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—	Frequency Center Freq 155.000000 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)																																																								
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TX-DNH	4FSK	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50.0 AC SERIAL PULSE ALIGN AUTO 06:04:02 PM Oct 26, 2023 Center Freq 173.975000 MHz Center Freq: 173.975000 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run Avg: 100.00% of 10 #Atten: 40 dB Radio Device: BTS Ref Offset 21 dB Ref 50.0 dBm 10 dB/div Log 40.0 30.0 20.0 10.0 0.00 -10.0 -20.0 -30.0 -40.0 Center 174 MHz Span 120 kHz Total Power Ref 44.79 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>5.625 kHz</td><td>100.0 Hz</td><td>44.18</td><td>(-1.56)</td><td>-50.00</td><td>44.18</td><td>(-1.57)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-32.74</td><td>(-7.04)</td><td>-12.50 k</td><td>-31.67</td><td>(-5.98)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-31.20</td><td>(-11.20)</td><td>-13.45 k</td><td>-31.02</td><td>(-11.02)</td><td>13.40 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</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> File <MASK.D.state> recalled STATUS	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak -> dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	44.18	(-1.56)	-50.00	44.18	(-1.57)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-32.74	(-7.04)	-12.50 k	-31.67	(-5.98)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-31.20	(-11.20)	-13.45 k	-31.02	(-11.02)	13.40 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—	Frequency Center Freq 173.975000 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)																																																								
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Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																															
TX-DNL	4FSK	CH _L	Agilent Spectrum Analyzer - Spectrum Emission Mask RF 50.0 AC SENSE: PULSE ALIGN: AUTO 06:17:28 PM Oct 26, 2023 Center Freq 136.025000 MHz Center Freq: 136.025000 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run #Atten: 40 dB Radio Device: BTS Ref Offset 21 dB Ref 46.0 dBm Log 10 dB/div 36.0 26.0 16.0 6.00 4.00 24.0 34.0 44.0 Power Lim Absolute Lim Spectrum Center 136 MHz Span 120 kHz Total Power Ref 40.56 dBm/0.0125 MHz <table><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><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>40.30</td><td>(-1.00)</td><td>-50.00</td><td>40.28</td><td>(-1.02)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-34.95</td><td>(-5.77)</td><td>-12.45 k</td><td>-35.43</td><td>(-6.62)</td><td>12.40 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-31.73</td><td>(-11.73)</td><td>-15.55 k</td><td>-31.72</td><td>(-11.72)</td><td>15.50 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</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></table> File <MASK D.state> recalled STATUS Frequency Center Freq 136.025000 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 -> dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	40.30	(-1.00)	-50.00	40.28	(-1.02)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-34.95	(-5.77)	-12.45 k	-35.43	(-6.62)	12.40 k	12.50 kHz	60.00 kHz	100.0 Hz	-31.73	(-11.73)	-15.55 k	-31.72	(-11.72)	15.50 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	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)																																																										
0.0 Hz	5.625 kHz	100.0 Hz	40.30	(-1.00)	-50.00	40.28	(-1.02)	0.0																																																										
5.625 kHz	12.50 kHz	100.0 Hz	-34.95	(-5.77)	-12.45 k	-35.43	(-6.62)	12.40 k																																																										
12.50 kHz	60.00 kHz	100.0 Hz	-31.73	(-11.73)	-15.55 k	-31.72	(-11.72)	15.50 k																																																										
4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
TX-DNL	4FSK	CH _L	Agilent Spectrum Analyzer - Spectrum Emission Mask RF 50.0 AC SENSE: PULSE ALIGN: AUTO 06:17:55 PM Oct 26, 2023 Center Freq 136.025000 MHz Center Freq: 136.025000 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run Avg: 100.00% of 10 #Atten: 40 dB Radio Device: BTS Ref Offset 21 dB Ref 46.0 dBm Log 10 dB/div 36.0 26.0 16.0 6.00 4.00 24.0 34.0 44.0 Power Lim Absolute Lim Spectrum Center 136 MHz Span 120 kHz Total Power Ref 44.12 dBm/0.0125 MHz <table><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><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>32.12</td><td>(-9.78)</td><td>-100.0</td><td>32.79</td><td>(-9.11)</td><td>500.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-31.11</td><td>(-2.66)</td><td>-12.35 k</td><td>-33.32</td><td>(-5.97)</td><td>12.20 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-31.47</td><td>(-11.47)</td><td>-15.00 k</td><td>-31.28</td><td>(-11.28)</td><td>12.75 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</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></table> File <Temp.png> saved STATUS Frequency Center Freq 136.025000 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 -> dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	32.12	(-9.78)	-100.0	32.79	(-9.11)	500.0	5.625 kHz	12.50 kHz	100.0 Hz	-31.11	(-2.66)	-12.35 k	-33.32	(-5.97)	12.20 k	12.50 kHz	60.00 kHz	100.0 Hz	-31.47	(-11.47)	-15.00 k	-31.28	(-11.28)	12.75 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	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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5.625 kHz	12.50 kHz	100.0 Hz	-31.11	(-2.66)	-12.35 k	-33.32	(-5.97)	12.20 k																																																										
12.50 kHz	60.00 kHz	100.0 Hz	-31.47	(-11.47)	-15.00 k	-31.28	(-11.28)	12.75 k																																																										
4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
TX-DNL	4FSK	CH _M	Agilent Spectrum Analyzer - Spectrum Emission Mask RF 50.0 AC SENSE: PULSE ALIGN: AUTO 06:01:43 PM Oct 26, 2023 Center Freq 155.000000 MHz Center Freq: 155.000000 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run #Atten: 40 dB Radio Device: BTS Ref Offset 21 dB Ref 46.0 dBm Log 10 dB/div 36.0 26.0 16.0 6.00 4.00 24.0 34.0 44.0 Power Lim Absolute Lim Spectrum Center 155 MHz Span 120 kHz Total Power Ref 40.84 dBm/0.0125 MHz <table><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><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>40.28</td><td>(-1.47)</td><td>0.0</td><td>40.28</td><td>(-1.47)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-34.19</td><td>(-5.22)</td><td>-12.40 k</td><td>-34.16</td><td>(-5.56)</td><td>12.35 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-34.56</td><td>(-14.56)</td><td>-17.10 k</td><td>-34.41</td><td>(-14.41)</td><td>17.05 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</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></table> File <MASK D.state> recalled STATUS Frequency Center Freq 155.000000 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 -> dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	40.28	(-1.47)	0.0	40.28	(-1.47)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-34.19	(-5.22)	-12.40 k	-34.16	(-5.56)	12.35 k	12.50 kHz	60.00 kHz	100.0 Hz	-34.56	(-14.56)	-17.10 k	-34.41	(-14.41)	17.05 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	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)																																																										
0.0 Hz	5.625 kHz	100.0 Hz	40.28	(-1.47)	0.0	40.28	(-1.47)	0.0																																																										
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4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
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-DNL	4FSK	CH _M	Agilent Spectrum Analyzer - Spectrum Emission Mask RF 50.0 AC SENSE:PULSE ALIGN:AUTO 06:02:14PM Oct 26, 2023 Center Freq 155.000000 MHz Center Freq: 155.000000 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run Avg: 100.00% of 10 Radio Device: BTS Ref Offset 21 dB Ref 46.0 dBm Log 10 dB/div 36.0 26.0 16.0 6.00 -4.00 -14.0 -24.0 -34.0 -44.0 Center 155 MHz Span 120 kHz Total Power Ref 43.06 dBm 0.0125 MHz <table><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><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>32.26</td><td>(-9.48)</td><td>-100.0</td><td>31.63</td><td>(-10.12)</td><td>800.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-31.95</td><td>(-4.80)</td><td>-12.15 k</td><td>-32.53</td><td>(-2.84)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-32.45</td><td>(-12.45)</td><td>-13.10 k</td><td>-32.47</td><td>(-12.47)</td><td>15.10 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</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></table> File <Temp.png> saved STATUS Frequency Center Freq 155.000000 MHz CF Step 12.000 kHz Auto 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	5.625 kHz	100.0 Hz	32.26	(-9.48)	-100.0	31.63	(-10.12)	800.0	5.625 kHz	12.50 kHz	100.0 Hz	-31.95	(-4.80)	-12.15 k	-32.53	(-2.84)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-32.45	(-12.45)	-13.10 k	-32.47	(-12.47)	15.10 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	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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4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
TX-DNL	4FSK	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask RF 50.0 AC SENSE:PULSE ALIGN:AUTO 06:06:32PM Oct 26, 2023 Center Freq 173.975000 MHz Center Freq: 173.975000 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run Avg: 100.00% of 10 Radio Device: BTS Ref Offset 21 dB Ref 46.0 dBm Log 10 dB/div 36.0 26.0 16.0 6.00 -4.00 -14.0 -24.0 -34.0 -44.0 Center 174 MHz Span 120 kHz Total Power Ref 40.54 dBm 0.0125 MHz <table><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><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>39.94</td><td>(-1.64)</td><td>-50.00</td><td>39.93</td><td>(-1.65)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-36.79</td><td>(-8.02)</td><td>-12.35 k</td><td>-36.86</td><td>(-8.46)</td><td>12.30 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-34.99</td><td>(-14.99)</td><td>-18.00 k</td><td>-34.84</td><td>(-14.84)</td><td>17.95 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</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></table> File <MASK.D.state> recalled STATUS Frequency Center Freq 173.975000 MHz CF Step 12.000 kHz Auto 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	5.625 kHz	100.0 Hz	39.94	(-1.64)	-50.00	39.93	(-1.65)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-36.79	(-8.02)	-12.35 k	-36.86	(-8.46)	12.30 k	12.50 kHz	60.00 kHz	100.0 Hz	-34.99	(-14.99)	-18.00 k	-34.84	(-14.84)	17.95 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	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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8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
TX-DNL	4FSK	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask RF 50.0 AC SENSE:PULSE ALIGN:AUTO 06:07:10PM Oct 26, 2023 Center Freq 173.975000 MHz Center Freq: 173.975000 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run Avg: 100.00% of 10 Radio Device: BTS Ref Offset 21 dB Ref 46.0 dBm Log 10 dB/div 36.0 26.0 16.0 6.00 -4.00 -14.0 -24.0 -34.0 -44.0 Center 174 MHz Span 120 kHz Total Power Ref 43.39 dBm 0.0125 MHz <table><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><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>31.05</td><td>(-10.53)</td><td>0.0</td><td>31.96</td><td>(-9.62)</td><td>100.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-32.61</td><td>(-4.57)</td><td>-12.25 k</td><td>-34.57</td><td>(-5.43)</td><td>12.40 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-32.13</td><td>(-12.13)</td><td>-15.00 k</td><td>-32.77</td><td>(-12.77)</td><td>15.00 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</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></table> File <Temp.png> saved STATUS Frequency Center Freq 173.975000 MHz CF Step 12.000 kHz Auto 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	5.625 kHz	100.0 Hz	31.05	(-10.53)	0.0	31.96	(-9.62)	100.0	5.625 kHz	12.50 kHz	100.0 Hz	-32.61	(-4.57)	-12.25 k	-34.57	(-5.43)	12.40 k	12.50 kHz	60.00 kHz	100.0 Hz	-32.13	(-12.13)	-15.00 k	-32.77	(-12.77)	15.00 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	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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4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
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-ANH	FM	CH _L	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 136.025000 MHz Ref Offset 21 dB Ref 50.0 dBm Center 136 MHz Span 120 kHz Total Power Ref 45.30 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 -> dSm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>44.75</td><td>(-1.39)</td><td>0.0</td><td>44.75</td><td>(-1.39)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-31.72</td><td>(-7.52)</td><td>-12.35 k</td><td>-32.14</td><td>(-8.30)</td><td>12.30 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-28.35</td><td>(-8.35)</td><td>-15.35 k</td><td>-28.27</td><td>(-8.27)</td><td>15.25 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</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> File <MASK D.state> recalled	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak -> dSm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	44.75	(-1.39)	0.0	44.75	(-1.39)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-31.72	(-7.52)	-12.35 k	-32.14	(-8.30)	12.30 k	12.50 kHz	60.00 kHz	100.0 Hz	-28.35	(-8.35)	-15.35 k	-28.27	(-8.27)	15.25 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—	Frequency Center Freq 136.025000 MHz CF Step 12.000 kHz Auto Man Freq Offset 0 Hz
			Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak -> dSm	Upper ΔLim(dB)	Freq (Hz)																																																								
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TX-ANH	FM	CH _L	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 136.025000 MHz Ref Offset 21 dB Ref 50.0 dBm Center 136 MHz Span 120 kHz Total Power Ref 44.68 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 -> dSm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>43.30</td><td>(-2.84)</td><td>0.0</td><td>43.30</td><td>(-2.84)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-28.40</td><td>(-3.47)</td><td>-12.45 k</td><td>-28.50</td><td>(-3.57)</td><td>12.45 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-27.18</td><td>(-7.18)</td><td>-14.50 k</td><td>-27.78</td><td>(-7.78)</td><td>12.65 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</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> File <Temp.png> saved	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak -> dSm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	43.30	(-2.84)	0.0	43.30	(-2.84)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-28.40	(-3.47)	-12.45 k	-28.50	(-3.57)	12.45 k	12.50 kHz	60.00 kHz	100.0 Hz	-27.18	(-7.18)	-14.50 k	-27.78	(-7.78)	12.65 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—	Frequency Center Freq 136.025000 MHz CF Step 12.000 kHz Auto Man Freq Offset 0 Hz
			Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak -> dSm	Upper ΔLim(dB)	Freq (Hz)																																																								
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TX-ANH	FM	CH _M	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 155.000000 MHz Ref Offset 21 dB Ref 50.0 dBm Center 155 MHz Span 120 kHz Total Power Ref 45.23 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 -> dSm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>44.62</td><td>(-1.48)</td><td>-50.00</td><td>44.58</td><td>(-1.51)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-33.27</td><td>(-8.28)</td><td>-12.45 k</td><td>-32.90</td><td>(-7.55)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-30.14</td><td>(-10.14)</td><td>-17.95 k</td><td>-30.12</td><td>(-10.12)</td><td>17.90 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</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> File <MASK D.state> recalled	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak -> dSm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	44.62	(-1.48)	-50.00	44.58	(-1.51)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-33.27	(-8.28)	-12.45 k	-32.90	(-7.55)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-30.14	(-10.14)	-17.95 k	-30.12	(-10.12)	17.90 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—	Frequency Center Freq 155.000000 MHz CF Step 12.000 kHz Auto Man Freq Offset 0 Hz
			Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak -> dSm	Upper ΔLim(dB)	Freq (Hz)																																																								
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Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																															
TX-ANH	FM	CH _M	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50.0 AC SENSE:PULSE ALIGN:AUTO 04:48:51 PM Oct 26, 2023 Center Freq 155.000000 MHz Center Freq: 155.000000 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run Avg: 100.00% of 10 #Atten: 40 dB Radio Device: BTS Ref Offset 21 dB Ref 50.0 dBm 10 dB/div Log 40.0 30.0 20.0 10.0 0.0 -10.0 -20.0 -30.0 -40.0 Center 155 MHz Span 120 kHz Total Power Ref 44.64 dBm 0.0125 MHz <table><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 -> ΔLim(dB)</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>43.12</td><td>(-2.97)</td><td>0.0</td><td>43.12</td><td>(-2.97)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-26.49</td><td>(-1.14)</td><td>-12.50 k</td><td>-27.21</td><td>(-1.86)</td><td>-12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-26.22</td><td>(-6.22)</td><td>-12.50 k</td><td>-26.91</td><td>(-6.91)</td><td>12.65 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</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></table> File <Temp.png> saved STATUS Frequency Center Freq 155.000000 MHz CF Step 12.000 kHz Auto Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak -> ΔLim(dB)	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	43.12	(-2.97)	0.0	43.12	(-2.97)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-26.49	(-1.14)	-12.50 k	-27.21	(-1.86)	-12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-26.22	(-6.22)	-12.50 k	-26.91	(-6.91)	12.65 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
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TX-ANH	FM	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50.0 AC SENSE:PULSE ALIGN:AUTO 04:56:13 PM Oct 26, 2023 Center Freq 173.975000 MHz Center Freq: 173.975000 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run Avg: 100.00% of 10 #Atten: 40 dB Radio Device: BTS Ref Offset 21 dB Ref 50.0 dBm 10 dB/div Log 40.0 30.0 20.0 10.0 0.0 -10.0 -20.0 -30.0 -40.0 Center 174 MHz Span 120 kHz Total Power Ref 45.20 dBm 0.0125 MHz <table><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 -> ΔLim(dB)</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>44.62</td><td>(-1.45)</td><td>-50.00</td><td>44.48</td><td>(-1.59)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-28.76</td><td>(-4.85)</td><td>-12.30 k</td><td>-28.89</td><td>(-5.70)</td><td>12.20 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-27.70</td><td>(-7.70)</td><td>-14.95 k</td><td>-27.69</td><td>(-7.69)</td><td>14.85 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</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></table> File <MASK.D.state> recalled STATUS Frequency Center Freq 173.975000 MHz CF Step 12.000 kHz Auto Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak -> ΔLim(dB)	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	44.62	(-1.45)	-50.00	44.48	(-1.59)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-28.76	(-4.85)	-12.30 k	-28.89	(-5.70)	12.20 k	12.50 kHz	60.00 kHz	100.0 Hz	-27.70	(-7.70)	-14.95 k	-27.69	(-7.69)	14.85 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
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TX-ANH	FM	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50.0 AC SENSE:PULSE ALIGN:AUTO 04:56:35 PM Oct 26, 2023 Center Freq 173.975000 MHz Center Freq: 173.975000 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run Avg: 100.00% of 10 #Atten: 40 dB Radio Device: BTS Ref Offset 21 dB Ref 50.0 dBm 10 dB/div Log 40.0 30.0 20.0 10.0 0.0 -10.0 -20.0 -30.0 -40.0 Center 174 MHz Span 120 kHz Total Power Ref 44.66 dBm 0.0125 MHz <table><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 -> ΔLim(dB)</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>43.17</td><td>(-2.90)</td><td>0.0</td><td>43.17</td><td>(-2.90)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-29.98</td><td>(-4.61)</td><td>-12.50 k</td><td>-26.98</td><td>(-1.98)</td><td>12.45 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-27.01</td><td>(-7.01)</td><td>-13.20 k</td><td>-26.95</td><td>(-6.95)</td><td>14.70 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</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></table> File <Temp.png> saved STATUS Frequency Center Freq 173.975000 MHz CF Step 12.000 kHz Auto Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak -> ΔLim(dB)	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	43.17	(-2.90)	0.0	43.17	(-2.90)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-29.98	(-4.61)	-12.50 k	-26.98	(-1.98)	12.45 k	12.50 kHz	60.00 kHz	100.0 Hz	-27.01	(-7.01)	-13.20 k	-26.95	(-6.95)	14.70 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	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-ANL	FM	CH _L	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 136.025000 MHz Ref Offset 21 dB Ref 46.0 dBm Center 136 MHz Span 120 kHz Total Power Ref 41.61 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>5.625 kHz</td><td>100.0 Hz</td><td>41.01</td><td>(-1.44)</td><td>-50.00</td><td>41.00</td><td>(-1.45)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>32.53</td><td>(-5.72)</td><td>-12.20 k</td><td>-34.34</td><td>(-5.35)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-31.27</td><td>(-11.27)</td><td>-15.85 k</td><td>-31.20</td><td>(-11.20)</td><td>15.80 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</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> File <MASK D.state> recalled	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak -> dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	41.01	(-1.44)	-50.00	41.00	(-1.45)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	32.53	(-5.72)	-12.20 k	-34.34	(-5.35)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-31.27	(-11.27)	-15.85 k	-31.20	(-11.20)	15.80 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—	Frequency Center Freq 136.025000 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)																																																								
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4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																											
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TX-ANL	FM	CH _M	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 155.000000 MHz Ref Offset 21 dB Ref 46.0 dBm Center 155 MHz Span 120 kHz Total Power Ref 41.50 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 -> dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>40.90</td><td>(-1.45)</td><td>-50.00</td><td>40.86</td><td>(-1.49)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-36.91</td><td>(-8.18)</td><td>-12.45 k</td><td>-37.29</td><td>(-8.92)</td><td>12.40 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-32.98</td><td>(-12.98)</td><td>-13.35 k</td><td>-32.95</td><td>(-12.95)</td><td>13.25 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</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> File <MASK D.state> recalled	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak -> dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	40.90	(-1.45)	-50.00	40.86	(-1.49)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-36.91	(-8.18)	-12.45 k	-37.29	(-8.92)	12.40 k	12.50 kHz	60.00 kHz	100.0 Hz	-32.98	(-12.98)	-13.35 k	-32.95	(-12.95)	13.25 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—	Frequency Center Freq 155.000000 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)																																																								
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Appendix C:Emission Mask

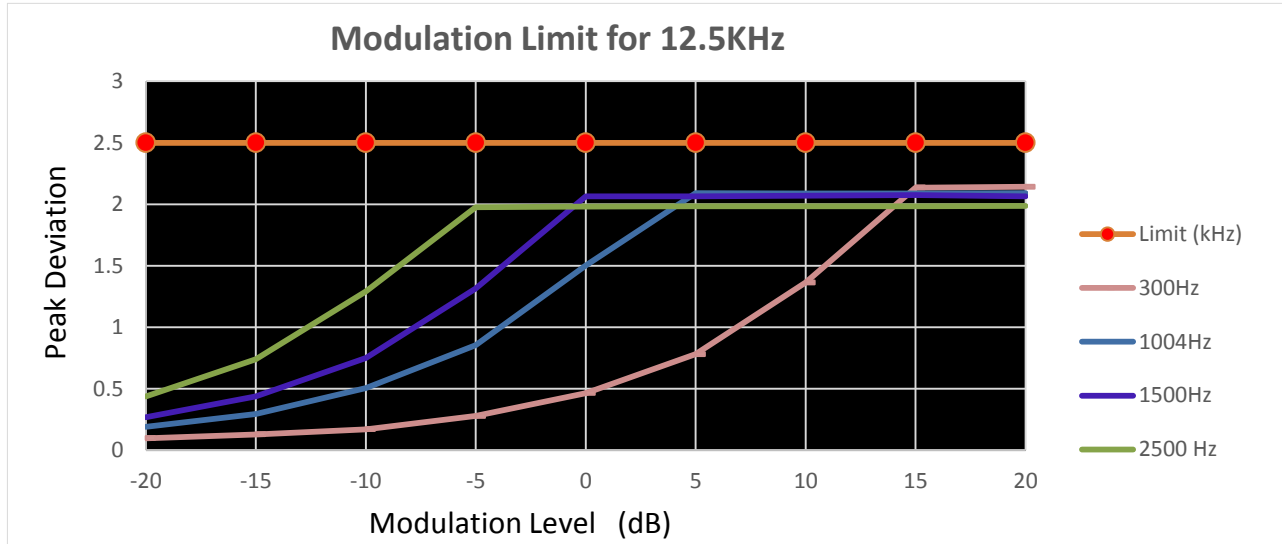
Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																															
TX-ANL	FM	CH _M	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50.0 AC SENSE: PULSE ALIGN: AUTO 04:53:31 PM Oct 26, 2023 Center Freq 155.000000 MHz Center Freq: 155.000000 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run Avg: 100.00% of 10 #Atten: 40 dB Radio Device: BTS Ref Offset 21 dB Ref 46.0 dBm 10 dB/div Log 36.0 26.0 16.0 6.00 -14.0 -24.0 -34.0 -44.0 Spectrum Center 155 MHz Span 120 kHz Total Power Ref 40.91 dBm 0.0125 MHz <table><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><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>39.40</td><td>(-2.94)</td><td>0.0</td><td>39.40</td><td>(-2.94)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-30.94</td><td>(-2.21)</td><td>-12.45 k</td><td>-32.39</td><td>(4.75)</td><td>12.30 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-31.69</td><td>(-11.69)</td><td>-16.00 k</td><td>-29.28</td><td>(9.28)</td><td>14.85 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</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></table> File <Temp.png> saved (STATUS) Frequency Center Freq 155.000000 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 -> dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	39.40	(-2.94)	0.0	39.40	(-2.94)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-30.94	(-2.21)	-12.45 k	-32.39	(4.75)	12.30 k	12.50 kHz	60.00 kHz	100.0 Hz	-31.69	(-11.69)	-16.00 k	-29.28	(9.28)	14.85 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
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TX-ANL	FM	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50.0 AC SENSE: PULSE ALIGN: AUTO 04:59:31 PM Oct 26, 2023 Center Freq 173.975000 MHz Center Freq: 173.975000 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run Avg: 100.00% of 10 #Atten: 40 dB Radio Device: BTS Ref Offset 21 dB Ref 46.0 dBm 10 dB/div Log 36.0 26.0 16.0 6.00 -14.0 -24.0 -34.0 -44.0 Spectrum Center 174 MHz Span 120 kHz Total Power Ref 41.27 dBm 0.0125 MHz <table><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><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>40.70</td><td>(-1.42)</td><td>-50.00</td><td>40.59</td><td>(-1.53)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-32.67</td><td>(-6.26)</td><td>-12.10 k</td><td>-32.86</td><td>(-6.82)</td><td>12.05 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-31.32</td><td>(-11.32)</td><td>-12.65 k</td><td>-31.22</td><td>(-11.22)</td><td>12.60 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</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></table> File <MASK.D.state> recalled (STATUS) Frequency Center Freq 173.975000 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 -> dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	40.70	(-1.42)	-50.00	40.59	(-1.53)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-32.67	(-6.26)	-12.10 k	-32.86	(-6.82)	12.05 k	12.50 kHz	60.00 kHz	100.0 Hz	-31.32	(-11.32)	-12.65 k	-31.22	(-11.22)	12.60 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
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TX-ANL	FM	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50.0 AC SENSE: PULSE ALIGN: AUTO 04:59:53 PM Oct 26, 2023 Center Freq 173.975000 MHz Center Freq: 173.975000 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run Avg: 100.00% of 10 #Atten: 40 dB Radio Device: BTS Ref Offset 21 dB Ref 46.0 dBm 10 dB/div Log 36.0 26.0 16.0 6.00 -14.0 -24.0 -34.0 -44.0 Spectrum Center 174 MHz Span 120 kHz Total Power Ref 40.69 dBm 0.0125 MHz <table><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><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>39.25</td><td>(-2.87)</td><td>0.0</td><td>39.25</td><td>(-2.87)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-28.70</td><td>(-0.87)</td><td>-12.50 k</td><td>-30.50</td><td>(-1.18)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-31.62</td><td>(-11.62)</td><td>-14.45 k</td><td>-30.72</td><td>(-10.72)</td><td>12.80 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</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></table> File <Temp.png> saved (STATUS) Frequency Center Freq 173.975000 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 -> dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	39.25	(-2.87)	0.0	39.25	(-2.87)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-28.70	(-0.87)	-12.50 k	-30.50	(-1.18)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-31.62	(-11.62)	-14.45 k	-30.72	(-10.72)	12.80 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	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-ANH	FM	CH _M	-20	0.098	0.19	0.269	0.437	2.5	PASS
TX-ANH	FM	CH _M	-15	0.129	0.296	0.438	0.74	2.5	PASS
TX-ANH	FM	CH _M	-10	0.171	0.506	0.749	1.292	2.5	PASS
TX-ANH	FM	CH _M	-5	0.279	0.854	1.314	1.975	2.5	PASS
TX-ANH	FM	CH _M	0	0.464	1.502	2.065	1.981	2.5	PASS
TX-ANH	FM	CH _M	5	0.781	2.09	2.064	1.984	2.5	PASS
TX-ANH	FM	CH _M	10	1.364	2.088	2.069	1.984	2.5	PASS
TX-ANH	FM	CH _M	15	2.135	2.087	2.074	1.983	2.5	PASS
TX-ANH	FM	CH _M	20	2.141	2.089	2.063	1.987	2.5	PASS

Appendix D:Modulation Limit

TEST PLOT RESULT

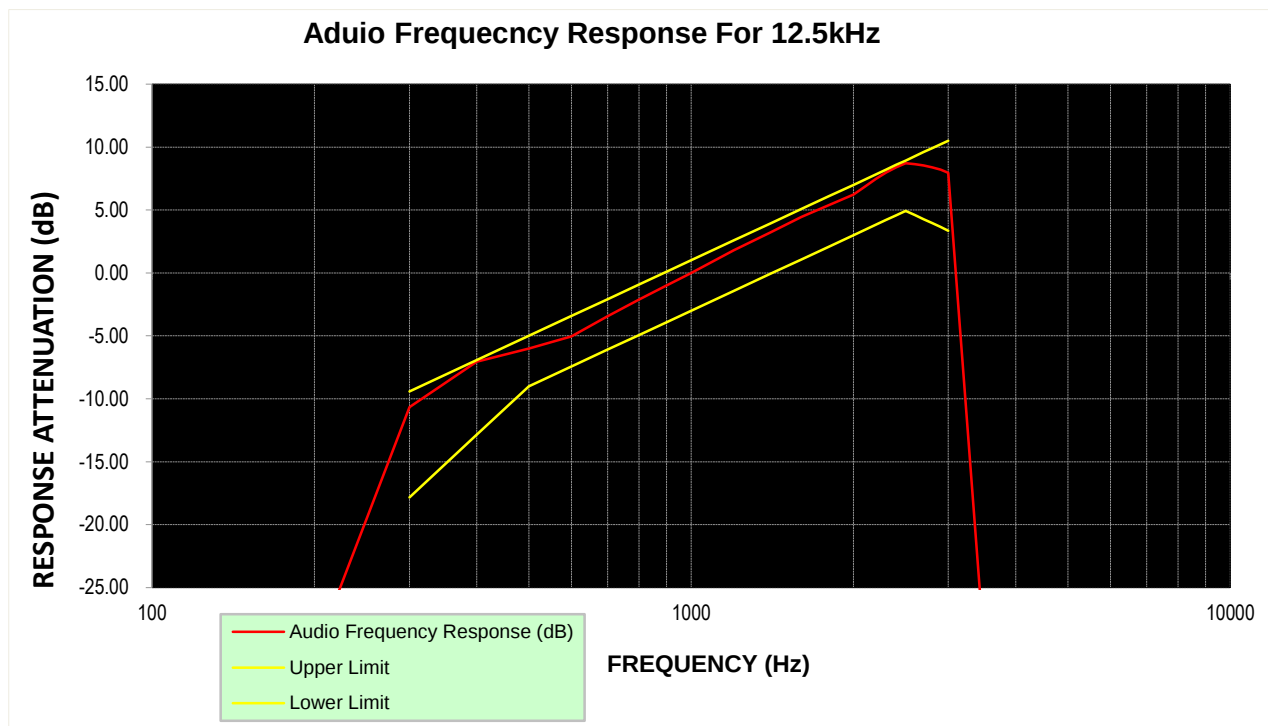


Appendix E:Audio Frequency Response

Operation Mode	Modulation Type	Test Channel	Frequency (Hz)	Audio Frequency Response (dB)	Lower Limit	Upper Limit	Result
TX-ANH	FM	CH _M	100	-29.40			PASS
TX-ANH	FM	CH _M	200	-30.33			PASS
TX-ANH	FM	CH _M	300	-10.65	-17.84	-9.42	PASS
TX-ANH	FM	CH _M	400	-7.06	-12.86	-6.93	PASS
TX-ANH	FM	CH _M	500	-6.01	-9.00	-5.00	PASS
TX-ANH	FM	CH _M	600	-5.05	-7.42	-3.42	PASS
TX-ANH	FM	CH _M	700	-3.43	-6.09	-2.09	PASS
TX-ANH	FM	CH _M	800	-2.12	-4.93	-0.93	PASS
TX-ANH	FM	CH _M	900	-1.01	-3.91	0.09	PASS
TX-ANH	FM	CH _M	1000	-0.01	-3.00	1.00	PASS
TX-ANH	FM	CH _M	1200	1.79	-1.42	2.58	PASS
TX-ANH	FM	CH _M	1400	3.20	-0.09	3.91	PASS
TX-ANH	FM	CH _M	1600	4.43	1.07	5.07	PASS
TX-ANH	FM	CH _M	1800	5.37	2.09	6.09	PASS
TX-ANH	FM	CH _M	2000	6.24	3.00	7.00	PASS
TX-ANH	FM	CH _M	2100	6.86	3.42	7.42	PASS
TX-ANH	FM	CH _M	2200	7.47	3.83	7.83	PASS
TX-ANH	FM	CH _M	2300	7.98	4.21	8.21	PASS
TX-ANH	FM	CH _M	2400	8.38	4.58	8.58	PASS
TX-ANH	FM	CH _M	2500	8.72	4.93	8.93	PASS
TX-ANH	FM	CH _M	2600	8.65	4.59	9.27	PASS
TX-ANH	FM	CH _M	2700	8.53	4.27	9.60	PASS
TX-ANH	FM	CH _M	2800	8.39	3.95	9.91	PASS
TX-ANH	FM	CH _M	2900	8.21	3.65	10.22	PASS
TX-ANH	FM	CH _M	3000	7.96	3.35	10.51	PASS
TX-ANH	FM	CH _M	3500	-30.03			PASS
TX-ANH	FM	CH _M	4000	-30.78			PASS
TX-ANH	FM	CH _M	4500	-30.70			PASS
TX-ANH	FM	CH _M	5000	-30.45			PASS

Appendix E:Audio Frequency Response

TEST PLOT RESULT



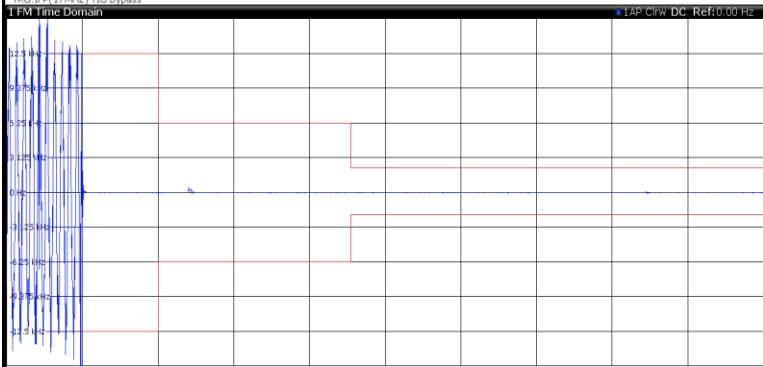
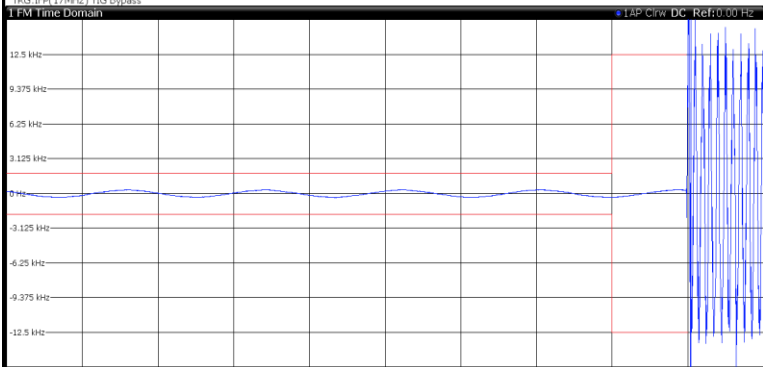
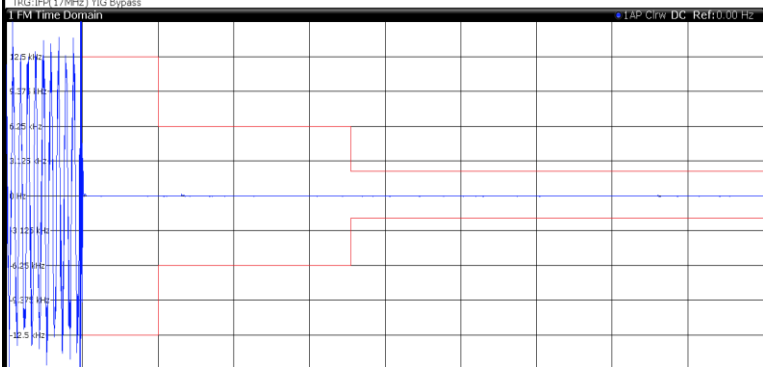
Appendix F:Frequency Stability Test & Temperature

Operation Mode	Modulation Type	Test Conditions		Frequency error (ppm)			Limit (ppm)	Result
		Voltage	Temperature	CH _L	CH _M	CH _H		
TX-DNH	4FSK	V _N	-30	0.010	-0.002	-0.036	±5.0	PASS
TX-DNH	4FSK	V _N	-20	0.011	-0.002	-0.034	±5.0	PASS
TX-DNH	4FSK	V _N	-10	0.011	-0.002	-0.036	±5.0	PASS
TX-DNH	4FSK	V _N	0	0.011	-0.002	-0.036	±5.0	PASS
TX-DNH	4FSK	V _N	10	0.010	-0.002	-0.035	±5.0	PASS
TX-DNH	4FSK	V _N	20	0.010	-0.002	-0.034	±5.0	PASS
TX-DNH	4FSK	V _N	30	0.010	-0.002	-0.035	±5.0	PASS
TX-DNH	4FSK	V _N	40	0.011	-0.002	-0.036	±5.0	PASS
TX-DNH	4FSK	V _N	50	0.011	-0.002	-0.035	±5.0	PASS
TX-DNL	4FSK	V _N	-30	-0.041	-0.014	-0.060	±5.0	PASS
TX-DNL	4FSK	V _N	-20	-0.041	-0.014	-0.063	±5.0	PASS
TX-DNL	4FSK	V _N	-10	-0.041	-0.014	-0.062	±5.0	PASS
TX-DNL	4FSK	V _N	0	-0.041	-0.014	-0.062	±5.0	PASS
TX-DNL	4FSK	V _N	10	-0.041	-0.014	-0.063	±5.0	PASS
TX-DNL	4FSK	V _N	20	-0.040	-0.013	-0.058	±5.0	PASS
TX-DNL	4FSK	V _N	30	-0.043	-0.013	-0.059	±5.0	PASS
TX-DNL	4FSK	V _N	40	-0.042	-0.014	-0.063	±5.0	PASS
TX-DNL	4FSK	V _N	50	-0.042	-0.014	-0.059	±5.0	PASS
TX-ANH	FM	V _N	-30	0.718	0.715	0.682	±5.0	PASS
TX-ANH	FM	V _N	-20	0.663	0.696	0.728	±5.0	PASS
TX-ANH	FM	V _N	-10	0.715	0.680	0.673	±5.0	PASS
TX-ANH	FM	V _N	0	0.712	0.703	0.727	±5.0	PASS
TX-ANH	FM	V _N	10	0.693	0.672	0.715	±5.0	PASS
TX-ANH	FM	V _N	20	0.662	0.661	0.666	±5.0	PASS
TX-ANH	FM	V _N	30	0.663	0.666	0.698	±5.0	PASS
TX-ANH	FM	V _N	40	0.663	0.677	0.729	±5.0	PASS
TX-ANH	FM	V _N	50	0.725	0.671	0.685	±5.0	PASS
TX-ANL	FM	V _N	-30	0.662	0.690	0.677	±5.0	PASS
TX-ANL	FM	V _N	-20	0.712	0.677	0.674	±5.0	PASS
TX-ANL	FM	V _N	-10	0.668	0.685	0.677	±5.0	PASS
TX-ANL	FM	V _N	0	0.717	0.668	0.702	±5.0	PASS
TX-ANL	FM	V _N	10	0.706	0.678	0.705	±5.0	PASS
TX-ANL	FM	V _N	20	0.657	0.665	0.662	±5.0	PASS
TX-ANL	FM	V _N	30	0.664	0.723	0.694	±5.0	PASS
TX-ANL	FM	V _N	40	0.717	0.716	0.706	±5.0	PASS
TX-ANL	FM	V _N	50	0.715	0.720	0.714	±5.0	PASS

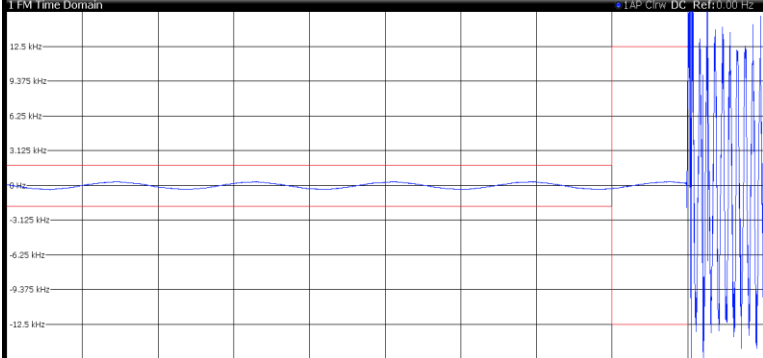
Appendix G:Frequency Stability Test & Voltage

Operation Mode	Modulation Type	Test Conditions		Frequency error (ppm)			Limit (ppm)	Result
		Voltage	Temperature	CH _L	CH _M	CH _H		
TX-DNH	4FSK	V _N	T _N	0.010	-0.002	-0.034	±5.0	PASS
TX-DNH	4FSK	V _L	T _N	0.010	-0.002	-0.034	±5.0	PASS
TX-DNH	4FSK	V _H	T _N	0.011	-0.002	-0.034	±5.0	PASS
TX-DNL	4FSK	V _N	T _N	-0.040	-0.013	-0.058	±5.0	PASS
TX-DNL	4FSK	V _L	T _N	-0.041	-0.013	-0.058	±5.0	PASS
TX-DNL	4FSK	V _H	T _N	-0.041	-0.013	-0.060	±5.0	PASS
TX-ANH	FM	V _N	T _N	0.662	0.661	0.666	±5.0	PASS
TX-ANH	FM	V _L	T _N	0.671	0.664	0.673	±5.0	PASS
TX-ANH	FM	V _H	T _N	0.694	0.689	0.675	±5.0	PASS
TX-ANL	FM	V _N	T _N	0.657	0.665	0.662	±5.0	PASS
TX-ANL	FM	V _L	T _N	0.661	0.667	0.665	±5.0	PASS
TX-ANL	FM	V _H	T _N	0.668	0.692	0.675	±5.0	PASS

Appendix H:Transmitter Frequency Behavior

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT														
TX-DNH	4FSK	CH _M	MultiViewSpectrumAnalog Demod Ref Level 57.00 dBm Offset 30.50 dB Att 36 dB AQT 100 ms DBW 25 kHz Freq 155.0 MHz TRG: IFP(17MHz) YIG Bypass 1 FM Time Domain TAP Clw DC Ref 0.00 Hz  CF 155.0 MHz1001 pts10.0 ms/ 4 Result Summary <table><tr><td colspan="2">Carrier Power 39.17 dBm</td><td colspan="2">Carrier Offset -45.08 Hz</td><td></td><td></td><td></td></tr><tr><td>FM</td><td>+Peak 17.239 kHz</td><td>-Peak -21.926 kHz</td><td>+Peak/2 19.582 kHz</td><td>RMS 2.7987 kHz</td><td>Mod. Freq. ---</td><td>SINAD ---</td></tr></table> Analog Demod: Waiting for Trigger...Measuring...16.10.2023 11:25:01 Date: 16.OCT.2023 11:25:02	Carrier Power 39.17 dBm		Carrier Offset -45.08 Hz					FM	+Peak 17.239 kHz	-Peak -21.926 kHz	+Peak/2 19.582 kHz	RMS 2.7987 kHz	Mod. Freq. ---	SINAD ---
Carrier Power 39.17 dBm		Carrier Offset -45.08 Hz															
FM	+Peak 17.239 kHz	-Peak -21.926 kHz	+Peak/2 19.582 kHz	RMS 2.7987 kHz	Mod. Freq. ---	SINAD ---											
TX-DNH	4FSK	CH _M	MultiViewSpectrumAnalog Demod Ref Level 57.00 dBm Offset 30.50 dB Att 36 dB AQT 100 ms DBW 25 kHz Freq 155.0 MHz TRG: IFP(17MHz) YIG Bypass 1 FM Time Domain TAP Clw DC Ref 0.00 Hz  CF 155.0 MHz1001 pts10.0 ms/ 4 Result Summary <table><tr><td colspan="2">Carrier Power 39.17 dBm</td><td colspan="2">Carrier Offset -43.72 Hz</td><td></td><td></td><td></td></tr><tr><td>FM</td><td>+Peak 21.179 kHz</td><td>-Peak -24.469 kHz</td><td>+Peak/2 22.824 kHz</td><td>RMS 2.9394 kHz</td><td>Mod. Freq. ---</td><td>SINAD ---</td></tr></table> Analog Demod: Waiting for Trigger...Measuring...16.10.2023 11:26:12 Date: 16.OCT.2023 11:26:12	Carrier Power 39.17 dBm		Carrier Offset -43.72 Hz					FM	+Peak 21.179 kHz	-Peak -24.469 kHz	+Peak/2 22.824 kHz	RMS 2.9394 kHz	Mod. Freq. ---	SINAD ---
Carrier Power 39.17 dBm		Carrier Offset -43.72 Hz															
FM	+Peak 21.179 kHz	-Peak -24.469 kHz	+Peak/2 22.824 kHz	RMS 2.9394 kHz	Mod. Freq. ---	SINAD ---											
TX-ANH	FM	CH _M	MultiViewSpectrumAnalog Demod Ref Level 57.00 dBm Offset 30.50 dB Att 36 dB AQT 100 ms DBW 25 kHz Freq 155.0 MHz TRG: IFP(17MHz) YIG Bypass 1 FM Time Domain TAP Clw DC Ref 0.00 Hz  CF 155.0 MHz1001 pts10.0 ms/ 4 Result Summary <table><tr><td colspan="2">Carrier Power 39.17 dBm</td><td colspan="2">Carrier Offset -45.30 Hz</td><td></td><td></td><td></td></tr><tr><td>FM</td><td>+Peak 30.286 kHz</td><td>-Peak -21.753 kHz</td><td>+Peak/2 26.02 kHz</td><td>RMS 2.8655 kHz</td><td>Mod. Freq. ---</td><td>SINAD ---</td></tr></table> Analog Demod: Waiting for Trigger...Measuring...16.10.2023 11:24:35 Date: 16.OCT.2023 11:24:35	Carrier Power 39.17 dBm		Carrier Offset -45.30 Hz					FM	+Peak 30.286 kHz	-Peak -21.753 kHz	+Peak/2 26.02 kHz	RMS 2.8655 kHz	Mod. Freq. ---	SINAD ---
Carrier Power 39.17 dBm		Carrier Offset -45.30 Hz															
FM	+Peak 30.286 kHz	-Peak -21.753 kHz	+Peak/2 26.02 kHz	RMS 2.8655 kHz	Mod. Freq. ---	SINAD ---											

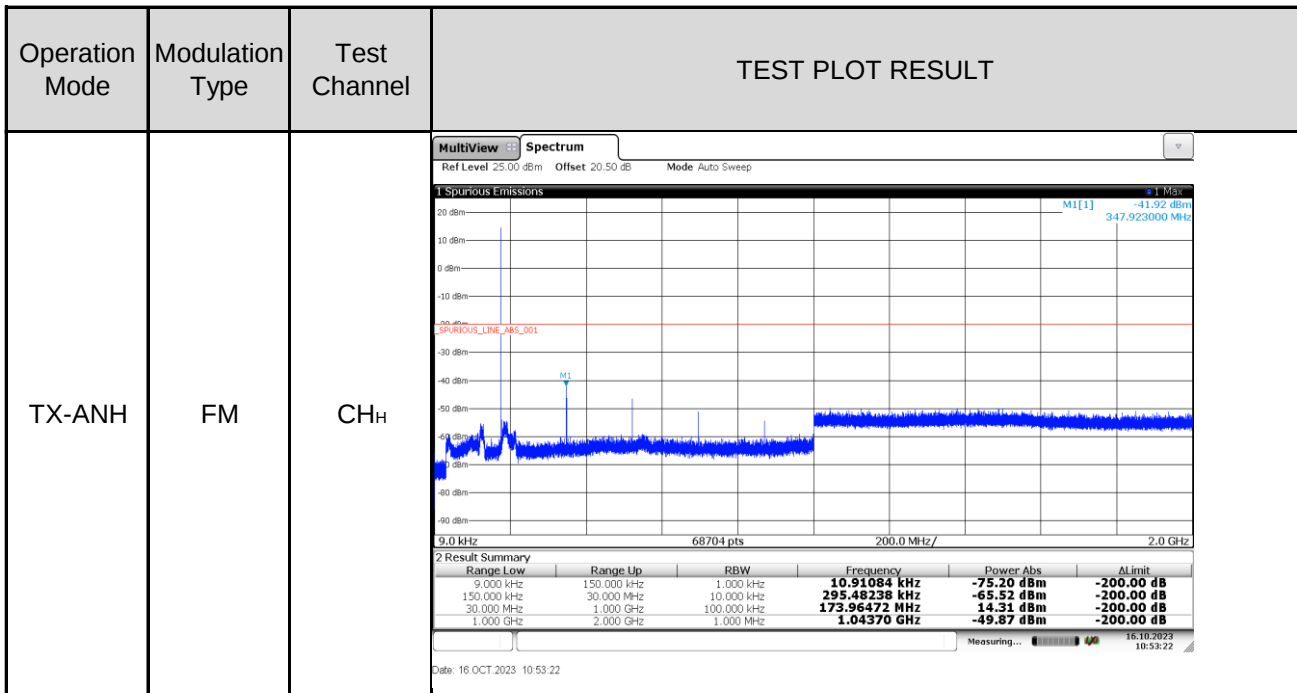
Appendix H:Transmitter Frequency Behavior

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																				
TX-ANH	FM	CH _M	MultiViewSpectrumAnalog Demod Ref Level 57.00 dBm Offset 30.50 dB Att 36 dB AQT 100 ms DBW 25 kHz Freq 155.0 MHz TRG IFB (17MHz) YIG Bypass 1 FM Time Domain 1AP Clw DC Ref: 00 Hz  CF 155.0 MHz1001 pts10.0 ms/ 4 Result Summary <table><tr><td></td><td>Carrier Power 39.24 dBm</td><td>Carrier Offset -43.91 Hz</td><td></td></tr><tr><td></td><td>+Peak</td><td>-Peak</td><td>+Peak/2</td></tr><tr><td>FM</td><td>25.952 kHz</td><td>-17.214 kHz</td><td>21.583 kHz</td></tr><tr><td></td><td></td><td></td><td>RMS 2.9349 kHz</td></tr><tr><td></td><td></td><td></td><td>Mod. Freq. SINAD THD</td></tr></table> Analog Demod: Waiting for Trigger...Measuring...16.10.2023 11:26:30 Date: 16 OCT 2023 11:26:31		Carrier Power 39.24 dBm	Carrier Offset -43.91 Hz			+Peak	-Peak	+Peak/2	FM	25.952 kHz	-17.214 kHz	21.583 kHz				RMS 2.9349 kHz				Mod. Freq. SINAD THD
	Carrier Power 39.24 dBm	Carrier Offset -43.91 Hz																					
	+Peak	-Peak	+Peak/2																				
FM	25.952 kHz	-17.214 kHz	21.583 kHz																				
			RMS 2.9349 kHz																				
			Mod. Freq. SINAD THD																				

Appendix I:Spurious Emission On Antenna Port

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																																																																		
TX-DNH	4FSK	CH _L	MultiViewSpectrum Ref Level 25.00 dBm Offset 20.50 dB Mode Auto Sweep 1 Spurious Emissions M1[1] -41.43 dBm 544.099000 MHz SPURIOUS_LINE_ABS_001 -100.00 dBm 2 Result Summary <table><tr><th>Range Low</th><th>Range Up</th><th>RBW</th><th>Frequency</th><th>Power Abs</th><th>ALimit</th></tr><tr><td>9.000 kHz</td><td>150.000 kHz</td><td>1.000 kHz</td><td>25.19187 kHz</td><td>-75.57 dBm</td><td>-200.00 dB</td></tr><tr><td>150.000 kHz</td><td>30.000 MHz</td><td>10.000 kHz</td><td>12.19519 MHz</td><td>-63.35 dBm</td><td>-200.00 dB</td></tr><tr><td>30.000 MHz</td><td>1.000 GHz</td><td>100.000 kHz</td><td>136.01466 MHz</td><td>-6.65 dBm</td><td>-200.00 dB</td></tr><tr><td>1.000 GHz</td><td>2.000 GHz</td><td>1.000 MHz</td><td>1.37707 GHz</td><td>-50.12 dBm</td><td>-200.00 dB</td></tr></table> Date: 16.OCT.2023 10:54:36 <tr><td>TX-DNH</td><td>4FSK</td><td>CH_H</td><td> MultiViewSpectrum Ref Level 25.00 dBm Offset 20.50 dB Mode Auto Sweep 1 Spurious Emissions M1[1] -41.88 dBm 347.923000 MHz SPURIOUS_LINE_ABS_001 -100.00 dBm 2 Result Summary <table><tr><th>Range Low</th><th>Range Up</th><th>RBW</th><th>Frequency</th><th>Power Abs</th><th>ALimit</th></tr><tr><td>9.000 kHz</td><td>150.000 kHz</td><td>1.000 kHz</td><td>20.76676 kHz</td><td>-75.95 dBm</td><td>-200.00 dB</td></tr><tr><td>150.000 kHz</td><td>30.000 MHz</td><td>10.000 kHz</td><td>295.48238 kHz</td><td>-64.59 dBm</td><td>-200.00 dB</td></tr><tr><td>30.000 MHz</td><td>1.000 GHz</td><td>100.000 kHz</td><td>173.96472 MHz</td><td>14.30 dBm</td><td>-200.00 dB</td></tr><tr><td>1.000 GHz</td><td>2.000 GHz</td><td>1.000 MHz</td><td>1.28757 GHz</td><td>-49.85 dBm</td><td>-200.00 dB</td></tr></table> Date: 16.OCT.2023 10:55:16 <tr><td>TX-ANH</td><td>FM</td><td>CH_L</td><td> MultiViewSpectrum Ref Level 25.00 dBm Offset 20.50 dB Mode Auto Sweep 1 Spurious Emissions M1[1] -41.68 dBm 544.099000 MHz SPURIOUS_LINE_ABS_001 -100.00 dBm 2 Result Summary <table><tr><th>Range Low</th><th>Range Up</th><th>RBW</th><th>Frequency</th><th>Power Abs</th><th>ALimit</th></tr><tr><td>9.000 kHz</td><td>150.000 kHz</td><td>1.000 kHz</td><td>13.72682 kHz</td><td>-74.89 dBm</td><td>-200.00 dB</td></tr><tr><td>150.000 kHz</td><td>30.000 MHz</td><td>10.000 kHz</td><td>295.48238 kHz</td><td>-65.72 dBm</td><td>-200.00 dB</td></tr><tr><td>30.000 MHz</td><td>1.000 GHz</td><td>100.000 kHz</td><td>136.01466 MHz</td><td>-6.69 dBm</td><td>-200.00 dB</td></tr><tr><td>1.000 GHz</td><td>2.000 GHz</td><td>1.000 MHz</td><td>1.08789 GHz</td><td>-49.02 dBm</td><td>-200.00 dB</td></tr></table> Date: 16.OCT.2023 10:53:48 </td></tr></td></tr>	Range Low	Range Up	RBW	Frequency	Power Abs	ALimit	9.000 kHz	150.000 kHz	1.000 kHz	25.19187 kHz	-75.57 dBm	-200.00 dB	150.000 kHz	30.000 MHz	10.000 kHz	12.19519 MHz	-63.35 dBm	-200.00 dB	30.000 MHz	1.000 GHz	100.000 kHz	136.01466 MHz	-6.65 dBm	-200.00 dB	1.000 GHz	2.000 GHz	1.000 MHz	1.37707 GHz	-50.12 dBm	-200.00 dB	TX-DNH	4FSK	CH _H	MultiViewSpectrum Ref Level 25.00 dBm Offset 20.50 dB Mode Auto Sweep 1 Spurious Emissions M1[1] -41.88 dBm 347.923000 MHz SPURIOUS_LINE_ABS_001 -100.00 dBm 2 Result Summary <table><tr><th>Range Low</th><th>Range Up</th><th>RBW</th><th>Frequency</th><th>Power Abs</th><th>ALimit</th></tr><tr><td>9.000 kHz</td><td>150.000 kHz</td><td>1.000 kHz</td><td>20.76676 kHz</td><td>-75.95 dBm</td><td>-200.00 dB</td></tr><tr><td>150.000 kHz</td><td>30.000 MHz</td><td>10.000 kHz</td><td>295.48238 kHz</td><td>-64.59 dBm</td><td>-200.00 dB</td></tr><tr><td>30.000 MHz</td><td>1.000 GHz</td><td>100.000 kHz</td><td>173.96472 MHz</td><td>14.30 dBm</td><td>-200.00 dB</td></tr><tr><td>1.000 GHz</td><td>2.000 GHz</td><td>1.000 MHz</td><td>1.28757 GHz</td><td>-49.85 dBm</td><td>-200.00 dB</td></tr></table> Date: 16.OCT.2023 10:55:16 <tr><td>TX-ANH</td><td>FM</td><td>CH_L</td><td> MultiViewSpectrum Ref Level 25.00 dBm Offset 20.50 dB Mode Auto Sweep 1 Spurious Emissions M1[1] -41.68 dBm 544.099000 MHz SPURIOUS_LINE_ABS_001 -100.00 dBm 2 Result Summary <table><tr><th>Range Low</th><th>Range Up</th><th>RBW</th><th>Frequency</th><th>Power Abs</th><th>ALimit</th></tr><tr><td>9.000 kHz</td><td>150.000 kHz</td><td>1.000 kHz</td><td>13.72682 kHz</td><td>-74.89 dBm</td><td>-200.00 dB</td></tr><tr><td>150.000 kHz</td><td>30.000 MHz</td><td>10.000 kHz</td><td>295.48238 kHz</td><td>-65.72 dBm</td><td>-200.00 dB</td></tr><tr><td>30.000 MHz</td><td>1.000 GHz</td><td>100.000 kHz</td><td>136.01466 MHz</td><td>-6.69 dBm</td><td>-200.00 dB</td></tr><tr><td>1.000 GHz</td><td>2.000 GHz</td><td>1.000 MHz</td><td>1.08789 GHz</td><td>-49.02 dBm</td><td>-200.00 dB</td></tr></table> Date: 16.OCT.2023 10:53:48 </td></tr>	Range Low	Range Up	RBW	Frequency	Power Abs	ALimit	9.000 kHz	150.000 kHz	1.000 kHz	20.76676 kHz	-75.95 dBm	-200.00 dB	150.000 kHz	30.000 MHz	10.000 kHz	295.48238 kHz	-64.59 dBm	-200.00 dB	30.000 MHz	1.000 GHz	100.000 kHz	173.96472 MHz	14.30 dBm	-200.00 dB	1.000 GHz	2.000 GHz	1.000 MHz	1.28757 GHz	-49.85 dBm	-200.00 dB	TX-ANH	FM	CH _L	MultiViewSpectrum Ref Level 25.00 dBm Offset 20.50 dB Mode Auto Sweep 1 Spurious Emissions M1[1] -41.68 dBm 544.099000 MHz SPURIOUS_LINE_ABS_001 -100.00 dBm 2 Result Summary <table><tr><th>Range Low</th><th>Range Up</th><th>RBW</th><th>Frequency</th><th>Power Abs</th><th>ALimit</th></tr><tr><td>9.000 kHz</td><td>150.000 kHz</td><td>1.000 kHz</td><td>13.72682 kHz</td><td>-74.89 dBm</td><td>-200.00 dB</td></tr><tr><td>150.000 kHz</td><td>30.000 MHz</td><td>10.000 kHz</td><td>295.48238 kHz</td><td>-65.72 dBm</td><td>-200.00 dB</td></tr><tr><td>30.000 MHz</td><td>1.000 GHz</td><td>100.000 kHz</td><td>136.01466 MHz</td><td>-6.69 dBm</td><td>-200.00 dB</td></tr><tr><td>1.000 GHz</td><td>2.000 GHz</td><td>1.000 MHz</td><td>1.08789 GHz</td><td>-49.02 dBm</td><td>-200.00 dB</td></tr></table> Date: 16.OCT.2023 10:53:48	Range Low	Range Up	RBW	Frequency	Power Abs	ALimit	9.000 kHz	150.000 kHz	1.000 kHz	13.72682 kHz	-74.89 dBm	-200.00 dB	150.000 kHz	30.000 MHz	10.000 kHz	295.48238 kHz	-65.72 dBm	-200.00 dB	30.000 MHz	1.000 GHz	100.000 kHz	136.01466 MHz	-6.69 dBm	-200.00 dB	1.000 GHz	2.000 GHz	1.000 MHz	1.08789 GHz	-49.02 dBm	-200.00 dB
Range Low	Range Up	RBW	Frequency	Power Abs	ALimit																																																																																																
9.000 kHz	150.000 kHz	1.000 kHz	25.19187 kHz	-75.57 dBm	-200.00 dB																																																																																																
150.000 kHz	30.000 MHz	10.000 kHz	12.19519 MHz	-63.35 dBm	-200.00 dB																																																																																																
30.000 MHz	1.000 GHz	100.000 kHz	136.01466 MHz	-6.65 dBm	-200.00 dB																																																																																																
1.000 GHz	2.000 GHz	1.000 MHz	1.37707 GHz	-50.12 dBm	-200.00 dB																																																																																																
TX-DNH	4FSK	CH _H	MultiViewSpectrum Ref Level 25.00 dBm Offset 20.50 dB Mode Auto Sweep 1 Spurious Emissions M1[1] -41.88 dBm 347.923000 MHz SPURIOUS_LINE_ABS_001 -100.00 dBm 2 Result Summary <table><tr><th>Range Low</th><th>Range Up</th><th>RBW</th><th>Frequency</th><th>Power Abs</th><th>ALimit</th></tr><tr><td>9.000 kHz</td><td>150.000 kHz</td><td>1.000 kHz</td><td>20.76676 kHz</td><td>-75.95 dBm</td><td>-200.00 dB</td></tr><tr><td>150.000 kHz</td><td>30.000 MHz</td><td>10.000 kHz</td><td>295.48238 kHz</td><td>-64.59 dBm</td><td>-200.00 dB</td></tr><tr><td>30.000 MHz</td><td>1.000 GHz</td><td>100.000 kHz</td><td>173.96472 MHz</td><td>14.30 dBm</td><td>-200.00 dB</td></tr><tr><td>1.000 GHz</td><td>2.000 GHz</td><td>1.000 MHz</td><td>1.28757 GHz</td><td>-49.85 dBm</td><td>-200.00 dB</td></tr></table> Date: 16.OCT.2023 10:55:16 <tr><td>TX-ANH</td><td>FM</td><td>CH_L</td><td> MultiViewSpectrum Ref Level 25.00 dBm Offset 20.50 dB Mode Auto Sweep 1 Spurious Emissions M1[1] -41.68 dBm 544.099000 MHz SPURIOUS_LINE_ABS_001 -100.00 dBm 2 Result Summary <table><tr><th>Range Low</th><th>Range Up</th><th>RBW</th><th>Frequency</th><th>Power Abs</th><th>ALimit</th></tr><tr><td>9.000 kHz</td><td>150.000 kHz</td><td>1.000 kHz</td><td>13.72682 kHz</td><td>-74.89 dBm</td><td>-200.00 dB</td></tr><tr><td>150.000 kHz</td><td>30.000 MHz</td><td>10.000 kHz</td><td>295.48238 kHz</td><td>-65.72 dBm</td><td>-200.00 dB</td></tr><tr><td>30.000 MHz</td><td>1.000 GHz</td><td>100.000 kHz</td><td>136.01466 MHz</td><td>-6.69 dBm</td><td>-200.00 dB</td></tr><tr><td>1.000 GHz</td><td>2.000 GHz</td><td>1.000 MHz</td><td>1.08789 GHz</td><td>-49.02 dBm</td><td>-200.00 dB</td></tr></table> Date: 16.OCT.2023 10:53:48 </td></tr>	Range Low	Range Up	RBW	Frequency	Power Abs	ALimit	9.000 kHz	150.000 kHz	1.000 kHz	20.76676 kHz	-75.95 dBm	-200.00 dB	150.000 kHz	30.000 MHz	10.000 kHz	295.48238 kHz	-64.59 dBm	-200.00 dB	30.000 MHz	1.000 GHz	100.000 kHz	173.96472 MHz	14.30 dBm	-200.00 dB	1.000 GHz	2.000 GHz	1.000 MHz	1.28757 GHz	-49.85 dBm	-200.00 dB	TX-ANH	FM	CH _L	MultiViewSpectrum Ref Level 25.00 dBm Offset 20.50 dB Mode Auto Sweep 1 Spurious Emissions M1[1] -41.68 dBm 544.099000 MHz SPURIOUS_LINE_ABS_001 -100.00 dBm 2 Result Summary <table><tr><th>Range Low</th><th>Range Up</th><th>RBW</th><th>Frequency</th><th>Power Abs</th><th>ALimit</th></tr><tr><td>9.000 kHz</td><td>150.000 kHz</td><td>1.000 kHz</td><td>13.72682 kHz</td><td>-74.89 dBm</td><td>-200.00 dB</td></tr><tr><td>150.000 kHz</td><td>30.000 MHz</td><td>10.000 kHz</td><td>295.48238 kHz</td><td>-65.72 dBm</td><td>-200.00 dB</td></tr><tr><td>30.000 MHz</td><td>1.000 GHz</td><td>100.000 kHz</td><td>136.01466 MHz</td><td>-6.69 dBm</td><td>-200.00 dB</td></tr><tr><td>1.000 GHz</td><td>2.000 GHz</td><td>1.000 MHz</td><td>1.08789 GHz</td><td>-49.02 dBm</td><td>-200.00 dB</td></tr></table> Date: 16.OCT.2023 10:53:48	Range Low	Range Up	RBW	Frequency	Power Abs	ALimit	9.000 kHz	150.000 kHz	1.000 kHz	13.72682 kHz	-74.89 dBm	-200.00 dB	150.000 kHz	30.000 MHz	10.000 kHz	295.48238 kHz	-65.72 dBm	-200.00 dB	30.000 MHz	1.000 GHz	100.000 kHz	136.01466 MHz	-6.69 dBm	-200.00 dB	1.000 GHz	2.000 GHz	1.000 MHz	1.08789 GHz	-49.02 dBm	-200.00 dB																																		
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Appendix I:Spurious Emission On Antenna Port



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