

Project No.	SHT2204009703EW		
Test sample No.	YPHT22040097003	Model No.	DP815
Start test date	2022/4/22	Finish date	2022/5/5
Temperature	22.8°C	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	Frequency Stability Test & Temperature	PASS
G	Frequency Stability Test & Voltage	PASS
H	Transmitter Frequency Behavior	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)	Rated Power(W)	Percentage (%)	Limit (%)	Result
TX-DNH	4FSK	CH _L	32.7	1.87	2.00	-6.5	±20	PASS
TX-DNH	4FSK	CH _{M1}	32.7	1.84	2.00	-8.0	±20	PASS
TX-DNH	4FSK	CH _{M2}	32.7	1.85	2.00	-7.5	±20	PASS
TX-DNH	4FSK	CH _{M3}	32.7	1.86	2.00	-7.0	±20	PASS
TX-DNH	4FSK	CH _H	32.3	1.69	2.00	-15.5	±20	PASS
TX-DNL	4FSK	CH _L	30.7	1.19	1.00	19.0	±20	PASS
TX-DNL	4FSK	CH _{M1}	30.8	1.19	1.00	19.0	±20	PASS
TX-DNL	4FSK	CH _{M2}	30.7	1.18	1.00	18.0	±20	PASS
TX-DNL	4FSK	CH _{M3}	30.7	1.18	1.00	18.0	±20	PASS
TX-DNL	4FSK	CH _H	30.1	1.03	1.00	3.0	±20	PASS
TX-ANH	FM	CH _L	33.3	2.12	2.00	6.0	±20	PASS
TX-ANH	FM	CH _{M1}	33.2	2.10	2.00	5.0	±20	PASS
TX-ANH	FM	CH _{M2}	33.2	2.09	2.00	4.5	±20	PASS
TX-ANH	FM	CH _{M3}	33.3	2.16	2.00	8.0	±20	PASS
TX-ANH	FM	CH _H	32.9	1.94	2.00	-3.0	±20	PASS
TX-ANL	FM	CH _L	30.5	1.12	1.00	12.0	±20	PASS
TX-ANL	FM	CH _{M1}	30.7	1.17	1.00	17.0	±20	PASS
TX-ANL	FM	CH _{M2}	30.3	1.07	1.00	7.0	±20	PASS
TX-ANL	FM	CH _{M3}	30.3	1.07	1.00	7.0	±20	PASS
TX-ANL	FM	CH _H	30.7	1.17	1.00	17.0	±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	6.964	9.146	≤ 11.25	PASS
TX-DNH	4FSK	CH _{M1}	7.089	9.161	≤ 11.25	PASS
TX-DNH	4FSK	CH _{M2}	6.946	9.252	≤ 11.25	PASS
TX-DNH	4FSK	CH _{M3}	6.888	9.118	≤ 11.25	PASS
TX-DNH	4FSK	CH _H	6.822	9.191	≤ 11.25	PASS
TX-DNL	4FSK	CH _L	6.812	9.246	≤ 11.25	PASS
TX-DNL	4FSK	CH _{M1}	6.890	9.325	≤ 11.25	PASS
TX-DNL	4FSK	CH _{M2}	7.015	9.289	≤ 11.25	PASS
TX-DNL	4FSK	CH _{M3}	6.969	9.550	≤ 11.25	PASS
TX-DNL	4FSK	CH _H	6.864	9.161	≤ 11.25	PASS
TX-ANH	FM	CH _L	7.518	10.120	≤ 11.25	PASS
TX-ANH	FM	CH _{M1}	5.509	10.130	≤ 11.25	PASS
TX-ANH	FM	CH _{M2}	5.262	10.120	≤ 11.25	PASS
TX-ANH	FM	CH _{M3}	5.233	10.120	≤ 11.25	PASS
TX-ANH	FM	CH _H	5.224	10.120	≤ 11.25	PASS
TX-ANL	FM	CH _L	5.205	10.120	≤ 11.25	PASS
TX-ANL	FM	CH _{M1}	5.958	10.130	≤ 11.25	PASS
TX-ANL	FM	CH _{M2}	5.214	10.120	≤ 11.25	PASS
TX-ANL	FM	CH _{M3}	5.224	10.110	≤ 11.25	PASS
TX-ANL	FM	CH _H	5.227	10.110	≤ 11.25	PASS

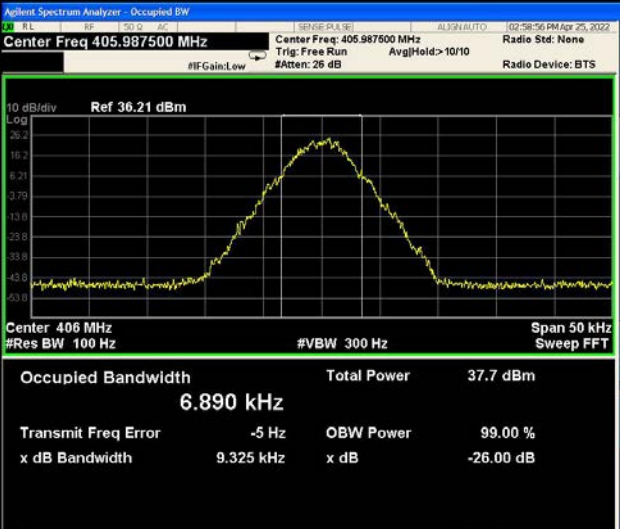
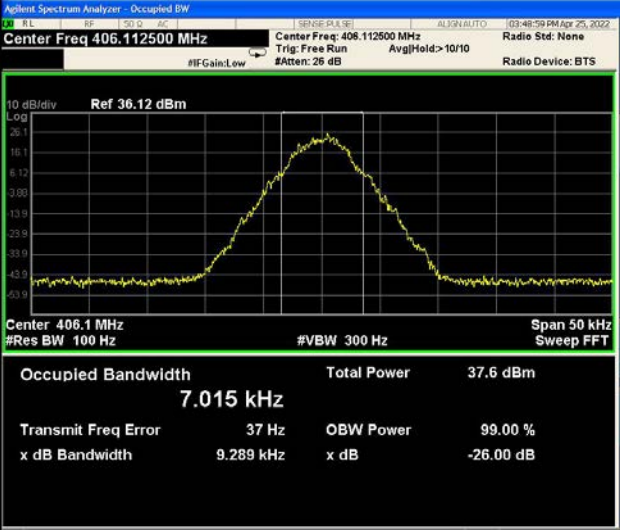
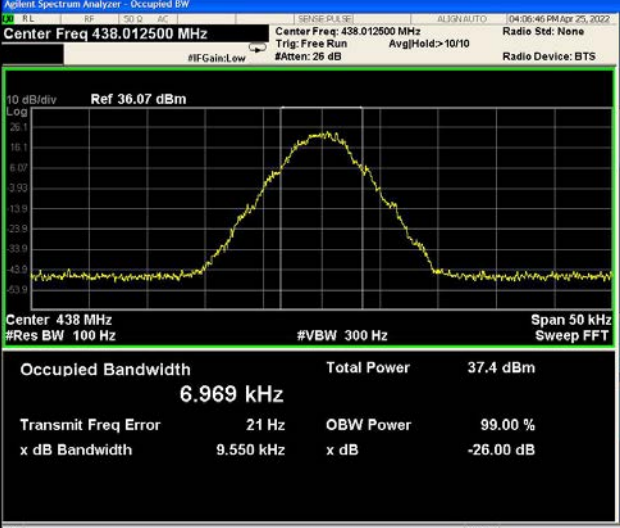
Appendix B:Occupied Bandwidth

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-DNH	4FSK	CH _L	Agilent Spectrum Analyzer - Occupied BW Center Freq 400.012500 MHz Ref 36.67 dBm Occupied Bandwidth 6.964 kHz Total Power 39.4 dBm Transmit Freq Error 66 Hz x dB Bandwidth 9.146 kHz OBW Power 99.00 %
TX-DNH	4FSK	CH _{M1}	Agilent Spectrum Analyzer - Occupied BW Center Freq 405.987500 MHz Ref 36.66 dBm Occupied Bandwidth 7.089 kHz Total Power 39.7 dBm Transmit Freq Error -44 Hz x dB Bandwidth 9.161 kHz OBW Power 99.00 %
TX-DNH	4FSK	CH _{M2}	Agilent Spectrum Analyzer - Occupied BW Center Freq 406.112500 MHz Ref 36.67 dBm Occupied Bandwidth 6.946 kHz Total Power 39.6 dBm Transmit Freq Error 21 Hz x dB Bandwidth 9.252 kHz OBW Power 99.00 %

Appendix B:Occupied Bandwidth

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-DNH	4FSK	CH _{M3}	Agilent Spectrum Analyzer - Occupied BW Center Freq 438.012500 MHz Ref 36.55 dBm Occupied Bandwidth 6.888 kHz Total Power 39.5 dBm Transmit Freq Error 36 Hz x dB Bandwidth 9.118 kHz OBW Power 99.00 %
TX-DNH	4FSK	CH _H	Agilent Spectrum Analyzer - Occupied BW Center Freq 479.987500 MHz Ref 36.65 dBm Occupied Bandwidth 6.822 kHz Total Power 39.5 dBm Transmit Freq Error -105 Hz x dB Bandwidth 9.191 kHz OBW Power 99.00 %
TX-DNL	4FSK	CH _L	Agilent Spectrum Analyzer - Occupied BW Center Freq 400.012500 MHz Ref 36.19 dBm Occupied Bandwidth 6.812 kHz Total Power 37.6 dBm Transmit Freq Error 64 Hz x dB Bandwidth 9.246 kHz OBW Power 99.00 %

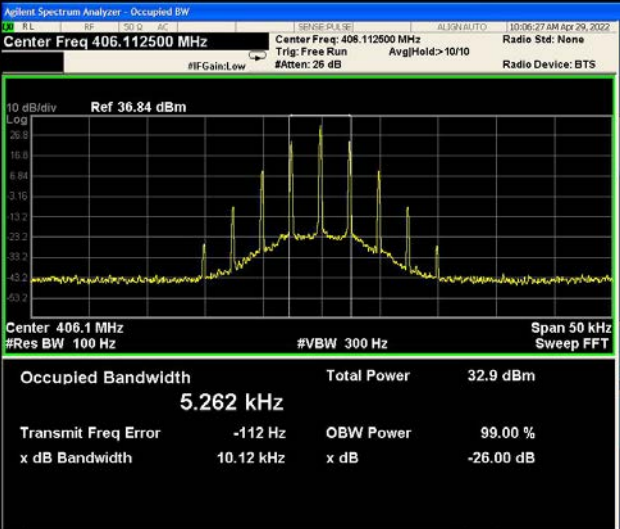
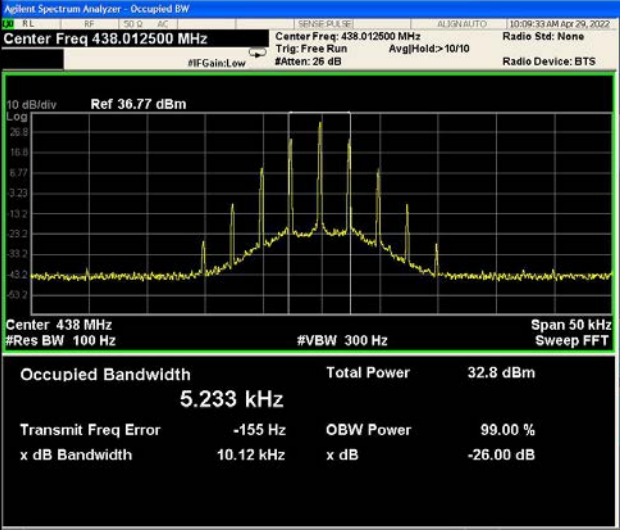
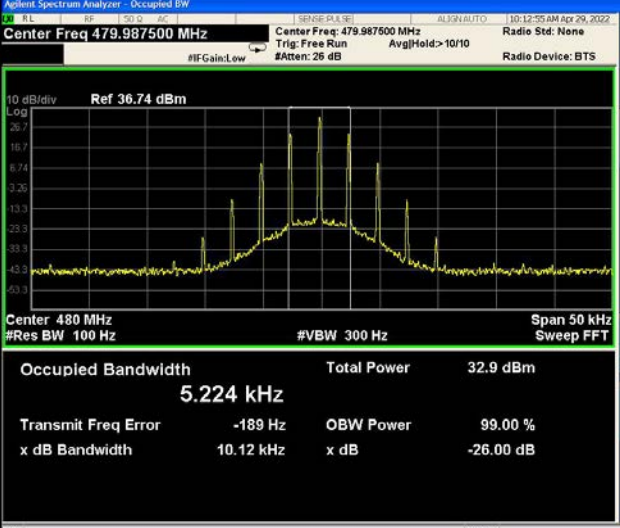
Appendix B:Occupied Bandwidth

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-DNL	4FSK	CH _{M1}	 Agilent Spectrum Analyzer - Occupied BW Center Freq 405.987500 MHz Ref 36.21 dBm Occupied Bandwidth 6.890 kHz Total Power 37.7 dBm Transmit Freq Error -5 Hz OBW Power 99.00 % x dB Bandwidth 9.325 kHz x dB -26.00 dB
TX-DNL	4FSK	CH _{M2}	 Agilent Spectrum Analyzer - Occupied BW Center Freq 406.112500 MHz Ref 36.12 dBm Occupied Bandwidth 7.015 kHz Total Power 37.6 dBm Transmit Freq Error 37 Hz OBW Power 99.00 % x dB Bandwidth 9.289 kHz x dB -26.00 dB
TX-DNL	4FSK	CH _{M3}	 Agilent Spectrum Analyzer - Occupied BW Center Freq 438.012500 MHz Ref 36.07 dBm Occupied Bandwidth 6.969 kHz Total Power 37.4 dBm Transmit Freq Error 21 Hz OBW Power 99.00 % x dB Bandwidth 9.550 kHz x dB -26.00 dB

Appendix B:Occupied Bandwidth

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-DNL	4FSK	CH _H	Agilent Spectrum Analyzer - Occupied BW Center Freq 479.987500 MHz Ref 36.58 dBm Occupied Bandwidth 6.864 kHz Total Power 37.1 dBm Transmit Freq Error -43 Hz OBW Power 99.00 % x dB Bandwidth 9.161 kHz x dB -26.00 dB
TX-ANH	FM	CH _L	Agilent Spectrum Analyzer - Occupied BW Center Freq 400.012500 MHz Ref 36.96 dBm Occupied Bandwidth 7.518 kHz Total Power 33.0 dBm Transmit Freq Error -1.238 kHz OBW Power 99.00 % x dB Bandwidth 10.12 kHz x dB -26.00 dB
TX-ANH	FM	CH _{M1}	Agilent Spectrum Analyzer - Occupied BW Center Freq 405.987500 MHz Ref 36.89 dBm Occupied Bandwidth 5.509 kHz Total Power 32.9 dBm Transmit Freq Error -279 Hz OBW Power 99.00 % x dB Bandwidth 10.13 kHz x dB -26.00 dB

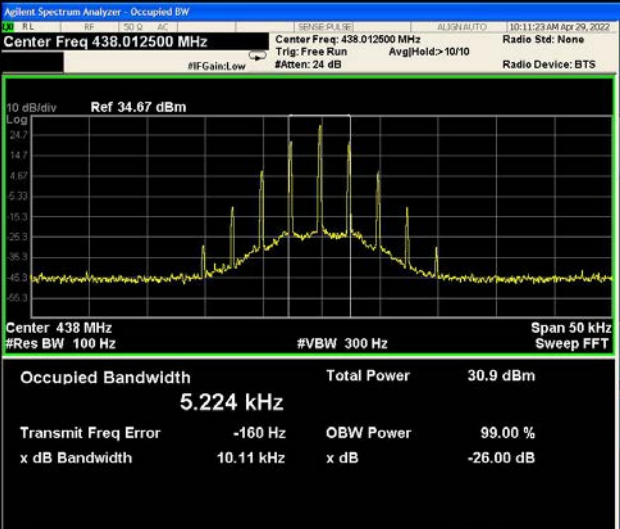
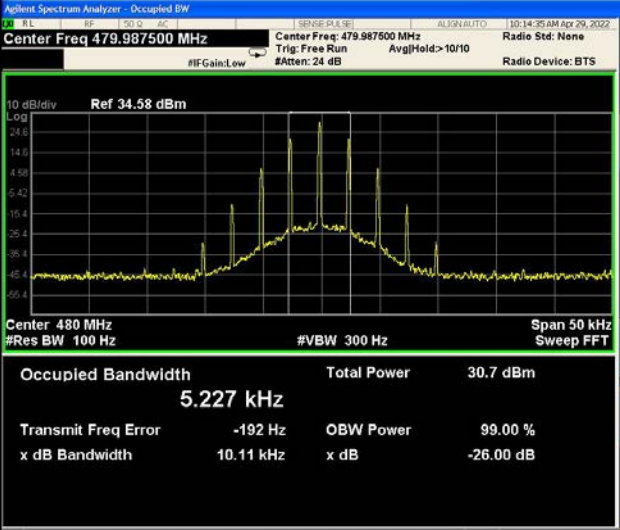
Appendix B:Occupied Bandwidth

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-ANH	FM	CH _{M2}	 Agilent Spectrum Analyzer - Occupied BW Center Freq 406.112500 MHz Trig: Free Run Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 36.84 dBm Center 406.1 MHz #Res BW 100 Hz #VBW 300 Hz Span 50 kHz Sweep FFT Occupied Bandwidth 5.262 kHz Total Power 32.9 dBm Transmit Freq Error -112 Hz OBW Power 99.00 % x dB Bandwidth 10.12 kHz x dB -26.00 dB Frequency 406.112500 MHz CF Step 5.000 kHz Freq Offset 0 Hz
TX-ANH	FM	CH _{M3}	 Agilent Spectrum Analyzer - Occupied BW Center Freq 438.012500 MHz Trig: Free Run Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 36.77 dBm Center 438 MHz #Res BW 100 Hz #VBW 300 Hz Span 50 kHz Sweep FFT Occupied Bandwidth 5.233 kHz Total Power 32.8 dBm Transmit Freq Error -155 Hz OBW Power 99.00 % x dB Bandwidth 10.12 kHz x dB -26.00 dB Frequency 438.012500 MHz CF Step 5.000 kHz Freq Offset 0 Hz
TX-ANH	FM	CH _H	 Agilent Spectrum Analyzer - Occupied BW Center Freq 479.987500 MHz Trig: Free Run Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 36.74 dBm Center 480 MHz #Res BW 100 Hz #VBW 300 Hz Span 50 kHz Sweep FFT Occupied Bandwidth 5.224 kHz Total Power 32.9 dBm Transmit Freq Error -189 Hz OBW Power 99.00 % x dB Bandwidth 10.12 kHz x dB -26.00 dB Frequency 479.987500 MHz CF Step 5.000 kHz Freq Offset 0 Hz

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 400.012500 MHz Trig: Free Run Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 34.96 dBm Center 400 MHz #Res BW 100 Hz #VBW 300 Hz Span 50 kHz Sweep FFT Occupied Bandwidth 5.205 kHz Total Power 31.4 dBm Transmit Freq Error -124 Hz OBW Power 99.00 % x dB Bandwidth 10.12 kHz x dB -26.00 dB Frequency Center Freq 400.012500 MHz CF Step 5.000 kHz Auto Man Freq Offset 0 Hz
TX-ANL	FM	CH _{M1}	Agilent Spectrum Analyzer - Occupied BW Center Freq 405.987500 MHz Trig: Free Run Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 35.06 dBm Center 406 MHz #Res BW 100 Hz #VBW 300 Hz Span 50 kHz Sweep FFT Occupied Bandwidth 5.958 kHz Total Power 31.1 dBm Transmit Freq Error -499 Hz OBW Power 99.00 % x dB Bandwidth 10.13 kHz x dB -26.00 dB Frequency Center Freq 405.987500 MHz CF Step 5.000 kHz Auto Man Freq Offset 0 Hz
TX-ANL	FM	CH _{M2}	Agilent Spectrum Analyzer - Occupied BW Center Freq 406.112500 MHz Trig: Free Run Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 34.98 dBm Center 406.1 MHz #Res BW 100 Hz #VBW 300 Hz Span 50 kHz Sweep FFT Occupied Bandwidth 5.214 kHz Total Power 31.5 dBm Transmit Freq Error -116 Hz OBW Power 99.00 % x dB Bandwidth 10.12 kHz x dB -26.00 dB Frequency Center Freq 406.112500 MHz CF Step 5.000 kHz Auto Man Freq Offset 0 Hz

Appendix B:Occupied Bandwidth

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-ANL	FM	CH _{M3}	 Agilent Spectrum Analyzer - Occupied BW Center Freq 438.012500 MHz Center Freq 438.012500 MHz Trig: Free Run Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 34.67 dBm Center 438 MHz #Res BW 100 Hz #VBW 300 Hz Span 50 kHz Sweep FFT Occupied Bandwidth 5.224 kHz Total Power 30.9 dBm Transmit Freq Error -160 Hz OBW Power 99.00 % x dB Bandwidth 10.11 kHz x dB -26.00 dB Frequency Center Freq 438.012500 MHz CF Step 5.000 kHz Auto Man Freq Offset 0 Hz
TX-ANL	FM	CH _H	 Agilent Spectrum Analyzer - Occupied BW Center Freq 479.987500 MHz Center Freq 479.987500 MHz Trig: Free Run Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 34.58 dBm Center 480 MHz #Res BW 100 Hz #VBW 300 Hz Span 50 kHz Sweep FFT Occupied Bandwidth 5.227 kHz Total Power 30.7 dBm Transmit Freq Error -192 Hz OBW Power 99.00 % x dB Bandwidth 10.11 kHz x dB -26.00 dB Frequency Center Freq 479.987500 MHz CF Step 5.000 kHz Auto Man Freq Offset 0 Hz

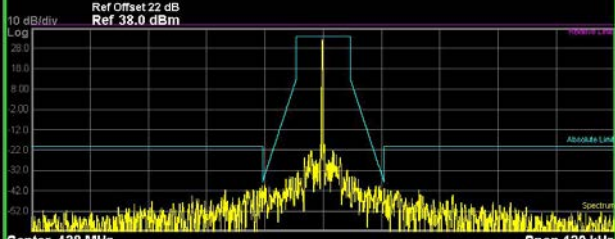
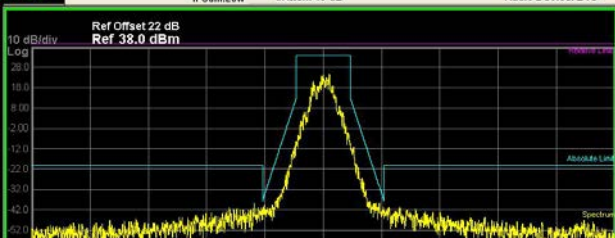
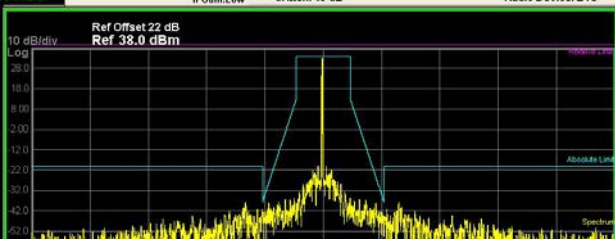
Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																															
TX-DNH	4FSK	CH _L	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 150.0 AC SENSE:PLA (E) ALIGN: AUTO 102:39:01 PM Apr 25, 2022 Center Freq 400.012500 MHz Center Freq: 400.012500 MHz Radio Std: None Trig: Free Run #Atten: 40 dB Radio Device: BTS PASS IF Gain: Low Ref Offset 22 dB Ref 38.0 dBm 10 dB/div Log 28.0 18.0 8.00 2.00 12.0 22.0 32.0 42.0 52.0 Center 400 MHz Span 120 kHz Total Power Ref 32.82 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>32.87</td><td>(-1.12)</td><td>-100.0</td><td>17.03</td><td>(-16.96)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-44.47</td><td>(-8.48)</td><td>-12.30 k</td><td>-37.38</td><td>(-8.08)</td><td>12.40 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-37.50</td><td>(-17.50)</td><td>-12.60 k</td><td>-39.93</td><td>(-19.93)</td><td>15.05 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></tbody></table> MSO File <MASK D.state> recalled STATUS Frequency Center Freq 400.012500 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	32.87	(-1.12)	-100.0	17.03	(-16.96)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-44.47	(-8.48)	-12.30 k	-37.38	(-8.08)	12.40 k	12.50 kHz	60.00 kHz	100.0 Hz	-37.50	(-17.50)	-12.60 k	-39.93	(-19.93)	15.05 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	—	(—)	—	—	(—)	—
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TX-DNH	4FSK	CH _{M1}	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 150.0 AC SENSE:PLA (E) ALIGN: AUTO 102:57:38 PM Apr 25, 2022 Center Freq 405.987500 MHz Center Freq: 405.987500 MHz Radio Std: None Trig: Free Run #Atten: 40 dB Radio Device: BTS PASS IF Gain: Low Ref Offset 22 dB Ref 38.0 dBm 10 dB/div Log 28.0 18.0 8.00 2.00 12.0 22.0 32.0 42.0 52.0 Center 406 MHz Span 120 kHz Total Power Ref 32.87 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>32.87</td><td>(-1.16)</td><td>-150.0</td><td>-21.16</td><td>(-55.19)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-40.80</td><td>(-5.21)</td><td>-12.25 k</td><td>-41.67</td><td>(-4.27)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-42.10</td><td>(-22.10)</td><td>-16.15 k</td><td>-41.73</td><td>(-21.73)</td><td>14.05 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></tbody></table> MSO File <MASK D.state> recalled STATUS Frequency Center Freq 405.987500 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	32.87	(-1.16)	-150.0	-21.16	(-55.19)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-40.80	(-5.21)	-12.25 k	-41.67	(-4.27)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-42.10	(-22.10)	-16.15 k	-41.73	(-21.73)	14.05 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	—	(—)	—	—	(—)	—
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Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																															
TX-DNH	4FSK	CH _{M1}	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 405.987500 MHz Trig: Free Run Avg: 100.00% of 10 Radio Std: None Radio Device: BTS Ref Offset 22 dB Ref 38.0 dBm IF Gain: Low #Atten: 40 dB Center 406 MHz Span 120 kHz Total Power Ref 36.14 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>24.91</td><td>(-9.12)</td><td>-1.000 k</td><td>23.60</td><td>(-10.44)</td><td>250.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-36.73</td><td>(-4.78)</td><td>-11.75 k</td><td>-11.22</td><td>(-4.54)</td><td>12.40 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-40.75</td><td>(-20.75)</td><td>-15.85 k</td><td>-39.44</td><td>(-19.44)</td><td>12.70 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></tbody></table> MSO File <Temp.png> saved Frequency Center Freq 405.987500 MHz CF Step 12.000 kHz 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	24.91	(-9.12)	-1.000 k	23.60	(-10.44)	250.0	5.625 kHz	12.50 kHz	100.0 Hz	-36.73	(-4.78)	-11.75 k	-11.22	(-4.54)	12.40 k	12.50 kHz	60.00 kHz	100.0 Hz	-40.75	(-20.75)	-15.85 k	-39.44	(-19.44)	12.70 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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TX-DNH	4FSK	CH _{M2}	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 406.112500 MHz Trig: Free Run Avg: 100.00% of 10 Radio Std: None Radio Device: BTS Ref Offset 22 dB Ref 38.0 dBm IF Gain: Low #Atten: 40 dB Center 406.1 MHz Span 120 kHz Total Power Ref 32.78 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>32.80</td><td>(-1.18)</td><td>-100.0</td><td>13.40</td><td>(-20.57)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-39.90</td><td>(-2.44)</td><td>-12.50 k</td><td>-39.92</td><td>(-3.91)</td><td>12.30 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-39.88</td><td>(-19.88)</td><td>-12.55 k</td><td>-40.07</td><td>(-20.07)</td><td>14.05 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></tbody></table> MSO File <MASK D.state> recalled Frequency Center Freq 406.112500 MHz CF Step 12.000 kHz 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	32.80	(-1.18)	-100.0	13.40	(-20.57)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-39.90	(-2.44)	-12.50 k	-39.92	(-3.91)	12.30 k	12.50 kHz	60.00 kHz	100.0 Hz	-39.88	(-19.88)	-12.55 k	-40.07	(-20.07)	14.05 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	—	(—)	—	—	(—)	—
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TX-DNH	4FSK	CH _{M2}	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 406.112500 MHz Trig: Free Run Avg: 100.00% of 10 Radio Std: None Radio Device: BTS Ref Offset 22 dB Ref 38.0 dBm IF Gain: Low #Atten: 40 dB Center 406.1 MHz Span 120 kHz Total Power Ref 36.12 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>23.08</td><td>(-10.89)</td><td>-200.0</td><td>25.33</td><td>(-8.64)</td><td>250.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-41.31</td><td>(-3.85)</td><td>-12.50 k</td><td>-39.89</td><td>(-2.43)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-39.01</td><td>(-19.01)</td><td>-12.50 k</td><td>-38.30</td><td>(-18.30)</td><td>14.10 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></tbody></table> MSO File <Temp.png> saved Frequency Center Freq 406.112500 MHz CF Step 12.000 kHz 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	23.08	(-10.89)	-200.0	25.33	(-8.64)	250.0	5.625 kHz	12.50 kHz	100.0 Hz	-41.31	(-3.85)	-12.50 k	-39.89	(-2.43)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-39.01	(-19.01)	-12.50 k	-38.30	(-18.30)	14.10 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	—	(—)	—	—	(—)	—
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Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																															
TX-DNH	4FSK	CH _{M3}	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF IF RES PA SE SENSE: PA, SE ALIGN: AUTO 04:05:32 PM Apr 25, 2022 Center Freq 438.012500 MHz Center Freq: 438.012500 MHz Radio Std: None PASS IF Gain: Low #Atten: 40 dB Radio Device: BTS Ref Offset 22 dB Ref 38.0 dBm  Center 438 MHz Span 120 kHz Total Power Ref 32.38 dBm 0.0125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>Peak ΔLim(dB)</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>32.37</td><td>(-1.50)</td><td>-150.0</td><td>-19.04</td><td>(-52.91)</td><td>250.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-38.90</td><td>(-4.97)</td><td>-12.00 k</td><td>-39.61</td><td>(-7.50)</td><td>11.75 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-39.60</td><td>(-19.60)</td><td>-12.55 k</td><td>-40.96</td><td>(-20.96)</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> MSO File <MASK.D.state> recalled (STATUS) Frequency Center Freq 438.012500 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	32.37	(-1.50)	-150.0	-19.04	(-52.91)	250.0	5.625 kHz	12.50 kHz	100.0 Hz	-38.90	(-4.97)	-12.00 k	-39.61	(-7.50)	11.75 k	12.50 kHz	60.00 kHz	100.0 Hz	-39.60	(-19.60)	-12.55 k	-40.96	(-20.96)	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-DNH	4FSK	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF IF RES PA SE SENSE: PA, SE ALIGN: AUTO 04:09:32 PM Apr 25, 2022 Center Freq 479.987500 MHz Center Freq: 479.987500 MHz Radio Std: None PASS IF Gain: Low #Atten: 40 dB Radio Device: BTS Ref Offset 22 dB Ref 38.0 dBm  Center 480 MHz Span 120 kHz Total Power Ref 32.85 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 ΔLim(dB)</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>32.68</td><td>(-1.18)</td><td>-150.0</td><td>-20.27</td><td>(-54.13)</td><td>700.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-42.59</td><td>(-8.11)</td><td>-12.35 k</td><td>-43.36</td><td>(-8.87)</td><td>12.35 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-37.69</td><td>(-17.69)</td><td>-15.95 k</td><td>-37.77</td><td>(-17.77)</td><td>15.60 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></tbody></table> MSO File <MASK.D.state> recalled (STATUS) Frequency Center Freq 479.987500 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	32.68	(-1.18)	-150.0	-20.27	(-54.13)	700.0	5.625 kHz	12.50 kHz	100.0 Hz	-42.59	(-8.11)	-12.35 k	-43.36	(-8.87)	12.35 k	12.50 kHz	60.00 kHz	100.0 Hz	-37.69	(-17.69)	-15.95 k	-37.77	(-17.77)	15.60 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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Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																															
TX-DNH	4FSK	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 479.987500 MHz Center Freq: 479.987500 MHz Trig: Free Run Avg: 100.00% of 10 Radio Std: None Radio Device: BTS PASS IF Gain: Low #Atten: 40 dB Ref Offset 22 dB Ref 38.0 dBm 10 dB/div Log 26.0 18.0 8.00 2.00 22.0 30.0 40.0 50.0 Center 480 MHz Span 120 kHz Total Power Ref 35.86 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>22.96</td><td>(-10.90)</td><td>-750.0</td><td>24.21</td><td>(-9.65)</td><td>950.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-40.88</td><td>(-3.30)</td><td>-12.50 k</td><td>-40.38</td><td>(-3.33)</td><td>12.40 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-36.93</td><td>(-16.93)</td><td>-14.40 k</td><td>-40.49</td><td>(-20.49)</td><td>12.50 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> msio File <Temp.png> saved (STATUS) Frequency Center Freq 479.987500 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	22.96	(-10.90)	-750.0	24.21	(-9.65)	950.0	5.625 kHz	12.50 kHz	100.0 Hz	-40.88	(-3.30)	-12.50 k	-40.38	(-3.33)	12.40 k	12.50 kHz	60.00 kHz	100.0 Hz	-36.93	(-16.93)	-14.40 k	-40.49	(-20.49)	12.50 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	—	(—)	—	—	(—)	—
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TX-DNL	4FSK	CH _L	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 400.012500 MHz Center Freq: 400.012500 MHz Trig: Free Run Avg: 100.00% of 10 Radio Std: None Radio Device: BTS PASS IF Gain: Low #Atten: 40 dB Ref Offset 22 dB Ref 36.0 dBm 10 dB/div Log 26.0 18.0 8.00 2.00 22.0 30.0 40.0 50.0 Center 400 MHz Span 120 kHz Total Power Ref 30.90 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>30.86</td><td>(-1.16)</td><td>-100.0</td><td>7.814</td><td>(24.21)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-43.31</td><td>(-4.26)</td><td>-12.45 k</td><td>-40.45</td><td>(-1.77)</td><td>12.40 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-41.15</td><td>(-21.15)</td><td>-15.80 k</td><td>-41.16</td><td>(21.16)</td><td>15.60 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> msio File <MASK D.state> recalled (STATUS) Frequency Center Freq 400.012500 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	30.86	(-1.16)	-100.0	7.814	(24.21)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-43.31	(-4.26)	-12.45 k	-40.45	(-1.77)	12.40 k	12.50 kHz	60.00 kHz	100.0 Hz	-41.15	(-21.15)	-15.80 k	-41.16	(21.16)	15.60 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-DNL	4FSK	CH _L	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 400.012500 MHz Center Freq: 400.012500 MHz Trig: Free Run Avg: 100.00% of 10 Radio Std: None Radio Device: BTS PASS IF Gain: Low #Atten: 40 dB Ref Offset 22 dB Ref 36.0 dBm 10 dB/div Log 26.0 18.0 8.00 2.00 22.0 30.0 40.0 50.0 Center 400 MHz Span 120 kHz Total Power Ref 34.46 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>21.72</td><td>(-10.31)</td><td>-900.0</td><td>20.84</td><td>(-11.18)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-42.32</td><td>(-2.91)</td><td>-12.50 k</td><td>-42.25</td><td>(-2.94)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-39.68</td><td>(-19.68)</td><td>-12.80 k</td><td>-41.87</td><td>(-21.87)</td><td>13.50 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> msio File <Temp.png> saved (STATUS) Frequency Center Freq 400.012500 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	21.72	(-10.31)	-900.0	20.84	(-11.18)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-42.32	(-2.91)	-12.50 k	-42.25	(-2.94)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-39.68	(-19.68)	-12.80 k	-41.87	(-21.87)	13.50 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	—	(—)	—	—	(—)	—
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Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																															
TX-DNL	4FSK	CH _{M1}	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 405.987500 MHz Trig: Free Run IF Gain: Low Attenu: 40 dB Radio Device: BTS Ref Offset 22 dB Ref 36.0 dBm Center 406 MHz Span 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 ΔLim(dB)</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>30.99</td><td>(-1.17)</td><td>-150.0</td><td>-23.69</td><td>(-55.84)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-49.33</td><td>(-10.41)</td><td>-12.45 k</td><td>-43.42</td><td>(-5.59)</td><td>12.30 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-42.82</td><td>(-22.82)</td><td>-15.70 k</td><td>-42.80</td><td>(-22.80)</td><td>15.40 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> MSO File <MASK.D.state> recalled Frequency Center Freq 405.987500 MHz CF Step 12.000 kHz 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	30.99	(-1.17)	-150.0	-23.69	(-55.84)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-49.33	(-10.41)	-12.45 k	-43.42	(-5.59)	12.30 k	12.50 kHz	60.00 kHz	100.0 Hz	-42.82	(-22.82)	-15.70 k	-42.80	(-22.80)	15.40 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	—	(—)	—	—	(—)	—
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TX-DNL	4FSK	CH _{M1}	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 405.987500 MHz Trig: Free Run IF Gain: Low Attenu: 40 dB Radio Device: BTS Ref Offset 22 dB Ref 36.0 dBm Center 406 MHz Span 120 kHz Total Power Ref 34.25 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 ΔLim(dB)</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>21.54</td><td>(-10.62)</td><td>-750.0</td><td>21.26</td><td>(-10.90)</td><td>250.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-40.25</td><td>(-2.42)</td><td>-12.30 k</td><td>-40.49</td><td>(-1.57)</td><td>12.45 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-41.42</td><td>(-21.42)</td><td>-12.50 k</td><td>-40.86</td><td>(-20.86)</td><td>13.05 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></tbody></table> MSO File <Temp.png> saved Frequency Center Freq 405.987500 MHz CF Step 12.000 kHz 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	21.54	(-10.62)	-750.0	21.26	(-10.90)	250.0	5.625 kHz	12.50 kHz	100.0 Hz	-40.25	(-2.42)	-12.30 k	-40.49	(-1.57)	12.45 k	12.50 kHz	60.00 kHz	100.0 Hz	-41.42	(-21.42)	-12.50 k	-40.86	(-20.86)	13.05 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	—	(—)	—	—	(—)	—
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TX-DNL	4FSK	CH _{M2}	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 406.112500 MHz Trig: Free Run IF Gain: Low Attenu: 40 dB Radio Device: BTS Ref Offset 22 dB Ref 36.0 dBm Center 406.1 MHz Span 120 kHz Total Power Ref 31.58 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 ΔLim(dB)</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>30.96</td><td>(-1.19)</td><td>-100.0</td><td>6.348</td><td>(-25.81)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-42.29</td><td>(-3.00)</td><td>-12.50 k</td><td>-42.17</td><td>(-4.34)</td><td>12.30 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-39.87</td><td>(-19.87)</td><td>-12.65 k</td><td>-41.37</td><td>(-21.37)</td><td>13.55 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> MSO File <MASK.D.state> recalled Frequency Center Freq 406.112500 MHz CF Step 12.000 kHz 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	30.96	(-1.19)	-100.0	6.348	(-25.81)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-42.29	(-3.00)	-12.50 k	-42.17	(-4.34)	12.30 k	12.50 kHz	60.00 kHz	100.0 Hz	-39.87	(-19.87)	-12.65 k	-41.37	(-21.37)	13.55 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-DNL	4FSK	CH _{M2}	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 150.0 AC SENSE:PLA(9) ALIGN:Auto 103:50:00 PM Apr 25, 2022 Center Freq 406.112500 MHz Center Freq: 406.112500 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run Avg: 100.00% of 10 #Atten: 40 dB Radio Device: BTS Ref Offset 22 dB Ref 36.0 dBm 10 dB/div Log 26.0 16.0 6.00 4.00 24.0 34.0 44.0 54.0 Center 406.1 MHz Span 120 kHz Total Power Ref 34.35 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 ΔLim(dB)</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>24.18</td><td>(-7.98)</td><td>-50.0</td><td>24.46</td><td>(-7.69)</td><td>600.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-43.73</td><td>(-4.45)</td><td>-12.50 k</td><td>-42.40</td><td>(-3.84)</td><td>12.40 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-41.13</td><td>(-21.13)</td><td>-14.10 k</td><td>-41.16</td><td>(-21.16)</td><td>14.05 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></tbody></table> MSO File <Temp.png> saved (STATUS) Frequency Center Freq 406.112500 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	24.18	(-7.98)	-50.0	24.46	(-7.69)	600.0	5.625 kHz	12.50 kHz	100.0 Hz	-43.73	(-4.45)	-12.50 k	-42.40	(-3.84)	12.40 k	12.50 kHz	60.00 kHz	100.0 Hz	-41.13	(-21.13)	-14.10 k	-41.16	(-21.16)	14.05 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	—	(—)	—	—	(—)	—
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TX-DNL	4FSK	CH _{M3}	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 150.0 AC SENSE:PLA(9) ALIGN:Auto 104:07:15 PM Apr 25, 2022 Center Freq 438.012500 MHz Center Freq: 438.012500 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run Avg: 100.00% of 10 #Atten: 40 dB Radio Device: BTS Ref Offset 22 dB Ref 36.0 dBm 10 dB/div Log 26.0 16.0 6.00 4.00 24.0 34.0 44.0 54.0 Center 438 MHz Span 120 kHz Total Power Ref 30.41 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 ΔLim(dB)</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>30.44</td><td>(-1.48)</td><td>-150.0</td><td>25.24</td><td>(-57.15)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-43.79</td><td>(-7.90)</td><td>-12.00 k</td><td>-45.72</td><td>(-6.93)</td><td>12.40 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-44.26</td><td>(-24.26)</td><td>-14.05 k</td><td>-44.80</td><td>(-24.80)</td><td>13.75 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></tbody></table> MSO File <MASK.D.state> recalled (STATUS) Frequency Center Freq 438.012500 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	30.44	(-1.48)	-150.0	25.24	(-57.15)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-43.79	(-7.90)	-12.00 k	-45.72	(-6.93)	12.40 k	12.50 kHz	60.00 kHz	100.0 Hz	-44.26	(-24.26)	-14.05 k	-44.80	(-24.80)	13.75 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 ΔLim(dB)	Upper ΔLim(dB)	Freq (Hz)																																																										
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TX-DNL	4FSK	CH _{M3}	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 150.0 AC SENSE:PLA(9) ALIGN:Auto 104:07:50 PM Apr 25, 2022 Center Freq 438.012500 MHz Center Freq: 438.012500 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run Avg: 100.00% of 10 #Atten: 40 dB Radio Device: BTS Ref Offset 22 dB Ref 36.0 dBm 10 dB/div Log 26.0 16.0 6.00 4.00 24.0 34.0 44.0 54.0 Center 438 MHz Span 120 kHz Total Power Ref 34.14 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 ΔLim(dB)</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>22.98</td><td>(-8.93)</td><td>-850.0</td><td>23.56</td><td>(-8.35)</td><td>850.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-44.54</td><td>(-5.01)</td><td>-12.50 k</td><td>-40.64</td><td>(-2.21)</td><td>12.35 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-41.56</td><td>(-21.56)</td><td>-13.00 k</td><td>-42.49</td><td>(-22.49)</td><td>10.25 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> MSO File <Temp.png> saved (STATUS) Frequency Center Freq 438.012500 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	22.98	(-8.93)	-850.0	23.56	(-8.35)	850.0	5.625 kHz	12.50 kHz	100.0 Hz	-44.54	(-5.01)	-12.50 k	-40.64	(-2.21)	12.35 k	12.50 kHz	60.00 kHz	100.0 Hz	-41.56	(-21.56)	-13.00 k	-42.49	(-22.49)	10.25 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	—	(—)	—	—	(—)	—
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Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																																																																																																																																																																					
TX-DNL	4FSK	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 479.987500 MHz Center Freq: 479.987500 MHz Trig: Free Run #Atten: 40 dB Radio Device: BTS PASS Ref Offset 22 dB Ref 36.0 dBm Center 480 MHz Span 120 kHz Total Power Ref 30.69 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 ΔLim(dB)</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>30.39</td><td>(-1.25)</td><td>-200.0</td><td>-26.01</td><td>(-57.65)</td><td>1.550 k</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-43.82</td><td>(-5.48)</td><td>-12.30 k</td><td>-43.29</td><td>(-7.49)</td><td>11.95 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-42.95</td><td>(-22.95)</td><td>-13.20 k</td><td>-42.96</td><td>(-22.96)</td><td>12.85 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> Frequency Center Freq 479.987500 MHz CF Step 12.000 kHz Freq Offset 0 Hz <tr><td>TX-DNL</td><td>4FSK</td><td>CH_H</td><td> Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 479.987500 MHz Center Freq: 479.987500 MHz Trig: Free Run Avg: 100.00% of 10 #Atten: 40 dB Radio Device: BTS PASS Ref Offset 22 dB Ref 36.0 dBm Center 480 MHz Span 120 kHz Total Power Ref 33.74 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 ΔLim(dB)</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>23.45</td><td>(-8.19)</td><td>-750.0</td><td>24.10</td><td>(-7.54)</td><td>200.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-40.65</td><td>(-0.85)</td><td>-12.50 k</td><td>-42.92</td><td>(-3.48)</td><td>12.45 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-41.72</td><td>(-21.72)</td><td>-12.55 k</td><td>-40.47</td><td>(-20.47)</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></tbody></table> Frequency Center Freq 479.987500 MHz CF Step 12.000 kHz Freq Offset 0 Hz <tr><td>TX-ANH</td><td>FM</td><td>CH_L</td><td> Agilent Spectrum Analyzer - 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TX-ANH	FM	CH _L	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 400.012500 MHz Center Freq: 400.012500 MHz Trig: Free Run #Atten: 40 dB Radio Device: BTS PASS Ref Offset 22 dB Ref 38.0 dBm Center 400 MHz Span 120 kHz Total Power Ref 33.26 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 ΔLim(dB)</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>33.04</td><td>(-1.41)</td><td>-150.0</td><td>-13.16</td><td>(-47.61)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-41.89</td><td>(-4.71)</td><td>-12.50 k</td><td>-41.44</td><td>(-5.91)</td><td>12.30 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-36.45</td><td>(-16.45)</td><td>-12.65 k</td><td>-38.86</td><td>(-18.86)</td><td>14.00 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></tbody></table> Frequency Center Freq 400.012500 MHz CF Step 12.000 kHz 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	33.04	(-1.41)	-150.0	-13.16	(-47.61)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-41.89	(-4.71)	-12.50 k	-41.44	(-5.91)	12.30 k	12.50 kHz	60.00 kHz	100.0 Hz	-36.45	(-16.45)	-12.65 k	-38.86	(-18.86)	14.00 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	—	(—)	—	—	(—)	—																																																																																																																																						
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Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																															
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TX-ANH	FM	CH _{M1}	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 405.987500 MHz Center Freq: 405.987500 MHz Trig: Free Run Avg: 100.00% of 10 Radio Std: None Radio Device: BTS Ref Offset 22 dB Ref 38.0 dBm IF Gain: Low #Atten: 40 dB 10 dB/div Log 28.0 18.0 8.00 2.00 12.0 22.0 32.0 42.0 52.0 Center 406 MHz Span 120 kHz Total Power Ref 33.10 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>5.625 kHz</td><td>100.0 Hz</td><td>32.92</td><td>(-1.45)</td><td>-200.0</td><td>23.03</td><td>(-57.40)</td><td>2.400 k</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-42.01</td><td>(-7.48)</td><td>-12.15 k</td><td>-42.77</td><td>(-7.16)</td><td>12.30 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-40.22</td><td>(-20.22)</td><td>-13.80 k</td><td>-40.18</td><td>(-20.18)</td><td>13.45 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> MSO File <MASK D.state> recalled STATUS Frequency Center Freq 405.987500 MHz CF Step 12.000 kHz 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	32.92	(-1.45)	-200.0	23.03	(-57.40)	2.400 k	5.625 kHz	12.50 kHz	100.0 Hz	-42.01	(-7.48)	-12.15 k	-42.77	(-7.16)	12.30 k	12.50 kHz	60.00 kHz	100.0 Hz	-40.22	(-20.22)	-13.80 k	-40.18	(-20.18)	13.45 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-ANH	FM	CH _{M2}	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 406.112500 MHz Trig: Free Run IF Gain: Low Ref Offset 22 dB Ref 38.0 dBm Span 120 kHz Center 406.1 MHz Total Power Ref 33.10 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>5.625 kHz</td><td>100.0 Hz</td><td>32.87</td><td>(-1.49)</td><td>-150.0</td><td>-9.978</td><td>(-44.34)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-44.08</td><td>(-7.00)</td><td>-12.50 k</td><td>-44.27</td><td>(-9.01)</td><td>12.25 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-40.52</td><td>(-20.52)</td><td>-13.40 k</td><td>-40.69</td><td>(-20.69)</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> Frequency Center Freq 406.112500 MHz CF Step 12.000 kHz 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	32.87	(-1.49)	-150.0	-9.978	(-44.34)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-44.08	(-7.00)	-12.50 k	-44.27	(-9.01)	12.25 k	12.50 kHz	60.00 kHz	100.0 Hz	-40.52	(-20.52)	-13.40 k	-40.69	(-20.69)	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 _{M3}	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 438.012500 MHz Trig: Free Run IF Gain: Low Ref Offset 23 dB Ref 38.0 dBm Span 120 kHz Center 438 MHz Total Power Ref 33.72 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>33.46</td><td>(-0.77)</td><td>-200.0</td><td>-20.81</td><td>(-55.04)</td><td>1.950 k</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-39.95</td><td>(-4.93)</td><td>-12.20 k</td><td>-41.11</td><td>(-4.99)</td><td>12.35 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-40.52</td><td>(-20.52)</td><td>-15.65 k</td><td>-40.80</td><td>(-20.80)</td><td>15.30 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> Frequency Center Freq 438.012500 MHz CF Step 12.000 kHz 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	33.46	(-0.77)	-200.0	-20.81	(-55.04)	1.950 k	5.625 kHz	12.50 kHz	100.0 Hz	-39.95	(-4.93)	-12.20 k	-41.11	(-4.99)	12.35 k	12.50 kHz	60.00 kHz	100.0 Hz	-40.52	(-20.52)	-15.65 k	-40.80	(-20.80)	15.30 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-ANH	FM	CH _{M3}	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 438.012500 MHz Trig: Free Run Avg: 100.00% of 10 Radio Std: None Radio Device: BTS Ref Offset 23 dB Ref 38.0 dBm 10 dB/div Log Center 438 MHz Span 120 kHz Total Power Ref 33.55 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 ΔLim(dB)</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>32.27</td><td>(-1.96)</td><td>-200.0</td><td>24.26</td><td>(-9.97)</td><td>2.300 k</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-39.18</td><td>(-2.34)</td><td>-12.45 k</td><td>-37.15</td><td>(-0.67)</td><td>12.40 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-38.10</td><td>(-18.10)</td><td>-12.65 k</td><td>-38.75</td><td>(-18.75)</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> MSO File <Temp.png> saved STATUS Frequency Center Freq 438.012500 MHz CF Step 12.000 kHz Auto 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	32.27	(-1.96)	-200.0	24.26	(-9.97)	2.300 k	5.625 kHz	12.50 kHz	100.0 Hz	-39.18	(-2.34)	-12.45 k	-37.15	(-0.67)	12.40 k	12.50 kHz	60.00 kHz	100.0 Hz	-38.10	(-18.10)	-12.65 k	-38.75	(-18.75)	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 Center Freq 479.987500 MHz Trig: Free Run Avg: 100.00% of 10 Radio Std: None Radio Device: BTS Ref Offset 22 dB Ref 38.0 dBm 10 dB/div Log Center 480 MHz Span 120 kHz Total Power Ref 32.77 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 ΔLim(dB)</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>32.80</td><td>(-1.43)</td><td>-200.0</td><td>-20.66</td><td>(-54.89)</td><td>100.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-40.88</td><td>(-8.58)</td><td>-12.10 k</td><td>-43.38</td><td>(-7.63)</td><td>12.30 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-41.07</td><td>(-21.07)</td><td>-15.75 k</td><td>-40.88</td><td>(-20.88)</td><td>15.35 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> MSO File <MASK.D.state> recalled STATUS Frequency Center Freq 479.987500 MHz CF Step 12.000 kHz Auto 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	32.80	(-1.43)	-200.0	-20.66	(-54.89)	100.0	5.625 kHz	12.50 kHz	100.0 Hz	-40.88	(-8.58)	-12.10 k	-43.38	(-7.63)	12.30 k	12.50 kHz	60.00 kHz	100.0 Hz	-41.07	(-21.07)	-15.75 k	-40.88	(-20.88)	15.35 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 Center Freq 479.987500 MHz Trig: Free Run Avg: 100.00% of 10 Radio Std: None Radio Device: BTS Ref Offset 22 dB Ref 38.0 dBm 10 dB/div Log Center 480 MHz Span 120 kHz Total Power Ref 32.88 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 ΔLim(dB)</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>31.59</td><td>(-2.64)</td><td>-200.0</td><td>23.57</td><td>(-10.66)</td><td>2.300 k</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-40.01</td><td>(-3.89)</td><td>-12.35 k</td><td>-40.24</td><td>(-4.48)</td><td>12.30 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-37.54</td><td>(-17.54)</td><td>-13.15 k</td><td>-37.99</td><td>(-17.99)</td><td>14.35 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> MSO File <Temp.png> saved STATUS Frequency Center Freq 479.987500 MHz CF Step 12.000 kHz Auto 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	31.59	(-2.64)	-200.0	23.57	(-10.66)	2.300 k	5.625 kHz	12.50 kHz	100.0 Hz	-40.01	(-3.89)	-12.35 k	-40.24	(-4.48)	12.30 k	12.50 kHz	60.00 kHz	100.0 Hz	-37.54	(-17.54)	-13.15 k	-37.99	(-17.99)	14.35 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 RL RF IF AC SENSE PLA (B) ALIGN AUTO 10:59:20 AM Apr 29, 2022 Center Freq 400.012500 MHz Center Freq: 400.012500 MHz Radio Std: None PASS IF Gain: Low #Atten: 40 dB Radio Device: BTS Ref Offset 22 dB Ref 36.0 dBm 10 dB/div Log 25.0 16.0 6.00 4.00 14.0 24.0 34.0 44.0 54.0 Center 400 MHz Span 120 kHz Total Power Ref 31.20 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>31.08</td><td>(-1.39)</td><td>-150.0</td><td>-18.42</td><td>(-50.89)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-43.07</td><td>(-4.84)</td><td>-12.40 k</td><td>-40.46</td><td>(-2.23)</td><td>12.40 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-41.89</td><td>(-21.89)</td><td>-13.70 k</td><td>-42.08</td><td>(-22.08)</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></table> MSO File <MASK.D.state> recalled (STATUS) Frequency Center Freq 400.012500 MHz CF Step 12.000 kHz Auto Man Freq Offset 0 Hz <tr><td>TX-ANL</td><td>FM</td><td>CH_L</td><td> Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF IF AC SENSE PLA (B) ALIGN AUTO 10:59:41 AM Apr 29, 2022 Center Freq 400.012500 MHz Center Freq: 400.012500 MHz Radio Std: None PASS IF Gain: Low Avg: 100.00% of 10 #Atten: 40 dB Radio Device: BTS Ref Offset 22 dB Ref 36.0 dBm 10 dB/div Log 25.0 16.0 6.00 4.00 14.0 24.0 34.0 44.0 54.0 Center 400 MHz Span 120 kHz Total Power Ref 31.60 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>29.84</td><td>(-2.64)</td><td>-100.0</td><td>22.05</td><td>(-10.43)</td><td>2.400 k</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-40.31</td><td>(-1.35)</td><td>-12.50 k</td><td>-39.95</td><td>(-2.08)</td><td>12.35 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-37.04</td><td>(-17.04)</td><td>-12.60 k</td><td>-40.25</td><td>(-20.25)</td><td>13.60 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> MSO Alignment Completed (STATUS) Frequency Center Freq 400.012500 MHz CF Step 12.000 kHz Auto Man Freq Offset 0 Hz <tr><td>TX-ANL</td><td>FM</td><td>CH_{M1}</td><td> Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF IF AC SENSE PLA (B) ALIGN AUTO 10:05:14 AM Apr 29, 2022 Center Freq 405.987500 MHz Center Freq: 405.987500 MHz Radio Std: None PASS IF Gain: Low #Atten: 40 dB Radio Device: BTS Ref Offset 22 dB Ref 37.0 dBm 10 dB/div Log 25.0 17.5 7.00 3.00 13.0 23.0 33.0 43.0 53.0 Center 406 MHz Span 120 kHz Total Power Ref 31.34 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>31.11</td><td>(-1.43)</td><td>-200.0</td><td>-24.48</td><td>(-57.02)</td><td>2.300 k</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-44.45</td><td>(-5.55)</td><td>-12.50 k</td><td>-40.90</td><td>(-3.46)</td><td>12.30 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-42.94</td><td>(-22.94)</td><td>-18.35 k</td><td>-42.59</td><td>(-22.59)</td><td>18.00 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> MSO File <MASK.D.state> recalled (STATUS) Frequency Center Freq 405.987500 MHz CF Step 12.000 kHz Auto Man Freq Offset 0 Hz </td></tr></td></tr>	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	31.08	(-1.39)	-150.0	-18.42	(-50.89)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-43.07	(-4.84)	-12.40 k	-40.46	(-2.23)	12.40 k	12.50 kHz	60.00 kHz	100.0 Hz	-41.89	(-21.89)	-13.70 k	-42.08	(-22.08)	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	—	(—)	—	—	(—)	—	TX-ANL	FM	CH _L	Agilent Spectrum Analyzer - 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12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																																																																																																																																																																
TX-ANL	FM	CH _{M1}	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF IF AC SENSE PLA (B) ALIGN AUTO 10:05:14 AM Apr 29, 2022 Center Freq 405.987500 MHz Center Freq: 405.987500 MHz Radio Std: None PASS IF Gain: Low #Atten: 40 dB Radio Device: BTS Ref Offset 22 dB Ref 37.0 dBm 10 dB/div Log 25.0 17.5 7.00 3.00 13.0 23.0 33.0 43.0 53.0 Center 406 MHz Span 120 kHz Total Power Ref 31.34 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>31.11</td><td>(-1.43)</td><td>-200.0</td><td>-24.48</td><td>(-57.02)</td><td>2.300 k</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-44.45</td><td>(-5.55)</td><td>-12.50 k</td><td>-40.90</td><td>(-3.46)</td><td>12.30 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-42.94</td><td>(-22.94)</td><td>-18.35 k</td><td>-42.59</td><td>(-22.59)</td><td>18.00 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> MSO File <MASK.D.state> recalled (STATUS) Frequency Center Freq 405.987500 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	31.11	(-1.43)	-200.0	-24.48	(-57.02)	2.300 k	5.625 kHz	12.50 kHz	100.0 Hz	-44.45	(-5.55)	-12.50 k	-40.90	(-3.46)	12.30 k	12.50 kHz	60.00 kHz	100.0 Hz	-42.94	(-22.94)	-18.35 k	-42.59	(-22.59)	18.00 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	—	(—)	—	—	(—)	—																																																																																																																																						
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Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																															
TX-ANL	FM	CH _{M1}	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 405.987500 MHz Center Freq: 405.987500 MHz Trig: Free Run Avg: 100.00% of 10 Radio Std: None Radio Device: BTS PASS IF Gain: Low #Atten: 40 dB Ref Offset 22 dB Ref 37.0 dBm 10 dB/div Log 27.0 17.0 7.00 3.00 13.0 23.0 33.0 43.0 53.0 Center 406 MHz Span 120 kHz Total Power Ref 31.17 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>29.81</td><td>(-2.73)</td><td>-150.0</td><td>22.05</td><td>(-10.49)</td><td>2.350 k</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-39.63</td><td>(-1.45)</td><td>-12.40 k</td><td>-39.60</td><td>(-2.15)</td><td>12.30 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-39.09</td><td>(-19.09)</td><td>-12.60 k</td><td>-39.64</td><td>(-19.64)</td><td>14.35 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> MSO File <Temp.png> saved STATUS Frequency Center Freq 405.987500 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	29.81	(-2.73)	-150.0	22.05	(-10.49)	2.350 k	5.625 kHz	12.50 kHz	100.0 Hz	-39.63	(-1.45)	-12.40 k	-39.60	(-2.15)	12.30 k	12.50 kHz	60.00 kHz	100.0 Hz	-39.09	(-19.09)	-12.60 k	-39.64	(-19.64)	14.35 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 ΔLim(dB)	Upper ΔLim(dB)	Freq (Hz)																																																										
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12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
TX-ANL	FM	CH _{M2}	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 406.112500 MHz Center Freq: 406.112500 MHz Trig: Free Run Avg: 100.00% of 10 Radio Std: None Radio Device: BTS PASS IF Gain: Low #Atten: 40 dB Ref Offset 22 dB Ref 37.0 dBm 10 dB/div Log 27.0 17.0 7.00 3.00 13.0 23.0 33.0 43.0 53.0 Center 406.1 MHz Span 120 kHz Total Power Ref 31.22 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>31.09</td><td>(-1.43)</td><td>-150.0</td><td>-16.10</td><td>(-48.62)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-43.76</td><td>(-7.02)</td><td>-12.20 k</td><td>-43.75</td><td>(-5.92)</td><td>12.35 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-41.40</td><td>(-21.40)</td><td>-12.85 k</td><td>-41.38</td><td>(-21.38)</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> MSO File <MASK.D.state> recalled STATUS Frequency Center Freq 406.112500 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	31.09	(-1.43)	-150.0	-16.10	(-48.62)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-43.76	(-7.02)	-12.20 k	-43.75	(-5.92)	12.35 k	12.50 kHz	60.00 kHz	100.0 Hz	-41.40	(-21.40)	-12.85 k	-41.38	(-21.38)	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	—	(—)	—	—	(—)	—
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	Peak ΔLim(dB)	Upper ΔLim(dB)	Freq (Hz)																																																										
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TX-ANL	FM	CH _{M2}	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 406.112500 MHz Center Freq: 406.112500 MHz Trig: Free Run Avg: 100.00% of 10 Radio Std: None Radio Device: BTS PASS IF Gain: Low #Atten: 40 dB Ref Offset 22 dB Ref 37.0 dBm 10 dB/div Log 27.0 17.0 7.00 3.00 13.0 23.0 33.0 43.0 53.0 Center 406.1 MHz Span 120 kHz Total Power Ref 31.56 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 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>29.81</td><td>(-2.71)</td><td>-150.0</td><td>21.94</td><td>(-10.58)</td><td>2.350 k</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-41.95</td><td>(-3.03)</td><td>-12.50 k</td><td>-43.07</td><td>(-4.15)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-38.75</td><td>(-18.75)</td><td>-13.90 k</td><td>-40.38</td><td>(-20.38)</td><td>13.10 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> MSO File <Temp.png> saved STATUS Frequency Center Freq 406.112500 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	29.81	(-2.71)	-150.0	21.94	(-10.58)	2.350 k	5.625 kHz	12.50 kHz	100.0 Hz	-41.95	(-3.03)	-12.50 k	-43.07	(-4.15)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-38.75	(-18.75)	-13.90 k	-40.38	(-20.38)	13.10 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 ΔLim(dB)	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 _{M3}	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 438.012500 MHz PASS IF Gain: Low Ref Offset 23 dB Ref 36.0 dBm Center 438 MHz Span 120 kHz Total Power Ref 31.83 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 ΔLim(dB)</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>31.55</td><td>(-0.76)</td><td>-200.0</td><td>-22.91</td><td>(-55.22)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-43.67</td><td>(-4.90)</td><td>-12.45 k</td><td>-42.81</td><td>(-5.13)</td><td>12.30 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-40.50</td><td>(-20.50)</td><td>-14.80 k</td><td>-39.75</td><td>(-19.75)</td><td>14.45 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> MSO File <MASK.D.state> recalled Frequency Center Freq 438.012500 MHz CF Step 12.000 kHz Auto 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	31.55	(-0.76)	-200.0	-22.91	(-55.22)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-43.67	(-4.90)	-12.45 k	-42.81	(-5.13)	12.30 k	12.50 kHz	60.00 kHz	100.0 Hz	-40.50	(-20.50)	-14.80 k	-39.75	(-19.75)	14.45 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 ΔLim(dB)	Upper ΔLim(dB)	Freq (Hz)																																																										
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12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
TX-ANL	FM	CH _{M3}	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 438.012500 MHz PASS IF Gain: Low Ref Offset 23 dB Ref 36.0 dBm Center 438 MHz Span 120 kHz Total Power Ref 31.69 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 ΔLim(dB)</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>30.36</td><td>(-1.95)</td><td>-200.0</td><td>22.33</td><td>(-9.98)</td><td>2.300 k</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-38.22</td><td>(-2.73)</td><td>-12.00 k</td><td>-42.14</td><td>(-3.02)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-39.76</td><td>(-19.76)</td><td>-12.70 k</td><td>-40.53</td><td>(-20.53)</td><td>13.55 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> MSO File <Temp.png> saved Frequency Center Freq 438.012500 MHz CF Step 12.000 kHz Auto 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	30.36	(-1.95)	-200.0	22.33	(-9.98)	2.300 k	5.625 kHz	12.50 kHz	100.0 Hz	-38.22	(-2.73)	-12.00 k	-42.14	(-3.02)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-39.76	(-19.76)	-12.70 k	-40.53	(-20.53)	13.55 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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5.625 kHz	12.50 kHz	100.0 Hz	-38.22	(-2.73)	-12.00 k	-42.14	(-3.02)	12.50 k																																																										
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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-ANL	FM	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 479.987500 MHz PASS IF Gain: Low Ref Offset 22 dB Ref 36.0 dBm Center 480 MHz Span 120 kHz Total Power Ref 30.65 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 ΔLim(dB)</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>30.68</td><td>(-1.44)</td><td>-200.0</td><td>-24.04</td><td>(-56.15)</td><td>400.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-48.26</td><td>(-8.94)</td><td>-12.50 k</td><td>-42.25</td><td>(-5.10)</td><td>12.20 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-42.61</td><td>(-22.61)</td><td>-15.15 k</td><td>-41.77</td><td>(-21.77)</td><td>14.75 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></tbody></table> MSO File <MASK.D.state> recalled Frequency Center Freq 479.987500 MHz CF Step 12.000 kHz Auto 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	30.68	(-1.44)	-200.0	-24.04	(-56.15)	400.0	5.625 kHz	12.50 kHz	100.0 Hz	-48.26	(-8.94)	-12.50 k	-42.25	(-5.10)	12.20 k	12.50 kHz	60.00 kHz	100.0 Hz	-42.61	(-22.61)	-15.15 k	-41.77	(-21.77)	14.75 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 ΔLim(dB)	Upper ΔLim(dB)	Freq (Hz)																																																										
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Appendix C:Emission Mask

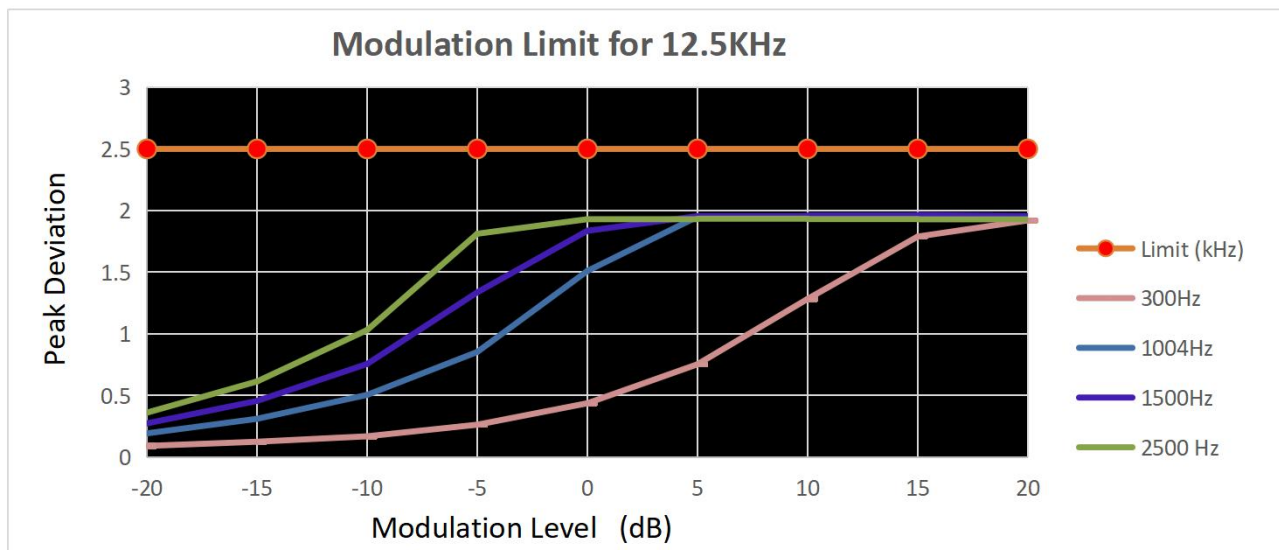
Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																																
TX-ANL	FM	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask 10:15:31 AM Apr 29, 2022 Center Freq 479.987500 MHz Center Freq: 479.987500 MHz Trig: Free Run Avg: 100.00% of 10 Radio Std: None PASS IF Gain: Low #Atten: 40 dB Radio Device: BTS Ref Offset 22 dB Ref 36.0 dBm Log 10.0 dB/div 20.0 16.0 12.0 8.0 4.0 0.0 -4.0 -8.0 -12.0 -16.0 -20.0 -24.0 -28.0 -32.0 -36.0 -40.0 -44.0 -48.0 -52.0 -56.0 -60.0 Center 480 MHz Span 120 kHz Total Power Ref 30.73 dBm 0.0125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>Peak Δ 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>29.48</td><td>(-2.63)</td><td>-200.0</td><td>21.46</td><td>(-10.66)</td><td>2.300 k</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-41.55</td><td>(-2.59)</td><td>-12.45 k</td><td>-41.44</td><td>(-3.57)</td><td>12.30 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-40.33</td><td>(-20.33)</td><td>-12.70 k</td><td>-41.94</td><td>(-21.94)</td><td>13.45 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> Frequency Center Freq 479.987500 MHz CF Step 12.000 kHz Auto Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	Peak Δ dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	29.48	(-2.63)	-200.0	21.46	(-10.66)	2.300 k	5.625 kHz	12.50 kHz	100.0 Hz	-41.55	(-2.59)	-12.45 k	-41.44	(-3.57)	12.30 k	12.50 kHz	60.00 kHz	100.0 Hz	-40.33	(-20.33)	-12.70 k	-41.94	(-21.94)	13.45 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 _{M2}	-20	0.091	0.193	0.274	0.361	2.5	PASS
TX-ANH	FM	CH _{M2}	-15	0.125	0.311	0.456	0.614	2.5	PASS
TX-ANH	FM	CH _{M2}	-10	0.169	0.505	0.756	1.031	2.5	PASS
TX-ANH	FM	CH _{M2}	-5	0.263	0.853	1.337	1.812	2.5	PASS
TX-ANH	FM	CH _{M2}	0	0.437	1.51	1.836	1.93	2.5	PASS
TX-ANH	FM	CH _{M2}	5	0.753	1.95	1.955	1.934	2.5	PASS
TX-ANH	FM	CH _{M2}	10	1.283	1.955	1.96	1.931	2.5	PASS
TX-ANH	FM	CH _{M2}	15	1.789	1.952	1.964	1.929	2.5	PASS
TX-ANH	FM	CH _{M2}	20	1.92	1.95	1.955	1.933	2.5	PASS

Appendix D:Modulation Limit

TEST PLOT RESULT

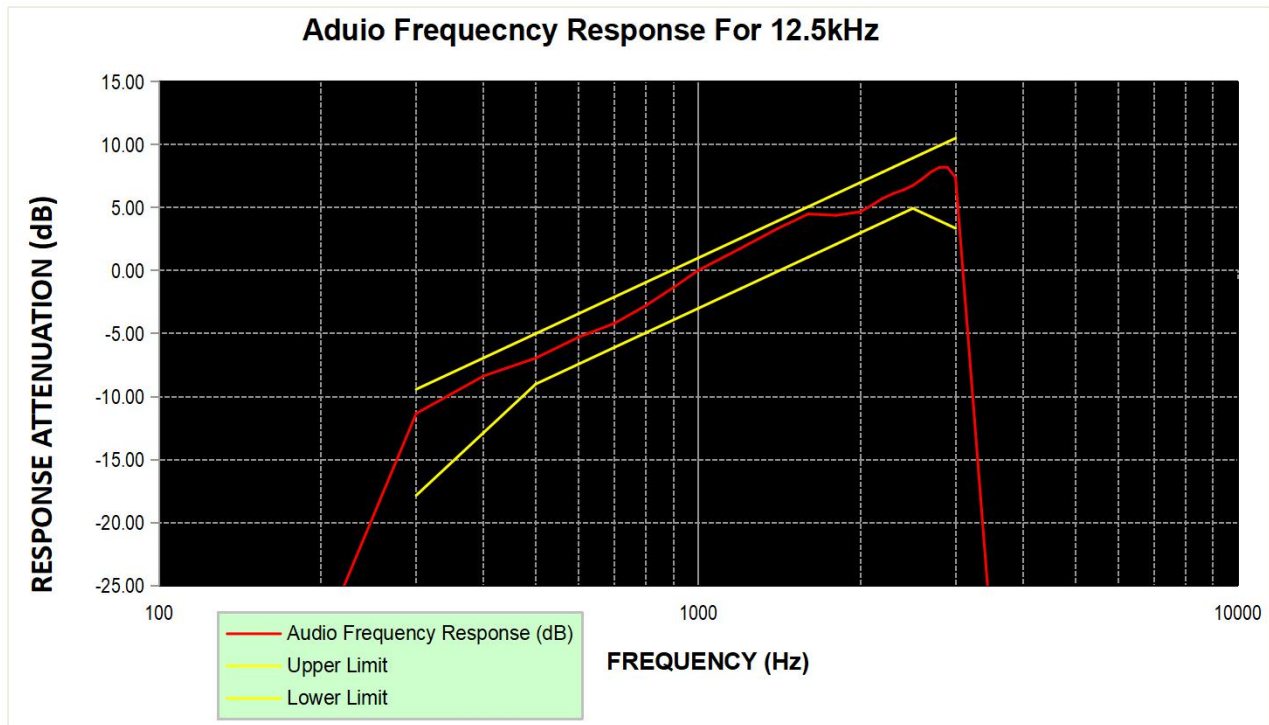


Appendix E:Audio Frequency Response

Operation Mode	Modulation Type	Test Channel	Frequency (Hz)	Audio Frequency Response (dB)	Lower Limit	Upper Limit	Result
TX-ANH	FM	CH _{M2}	100	-29.42			PASS
TX-ANH	FM	CH _{M2}	200	-29.34			PASS
TX-ANH	FM	CH _{M2}	300	-11.34	-17.84	-9.42	PASS
TX-ANH	FM	CH _{M2}	400	-8.36	-12.86	-6.93	PASS
TX-ANH	FM	CH _{M2}	500	-6.94	-9.00	-5.00	PASS
TX-ANH	FM	CH _{M2}	600	-5.29	-7.42	-3.42	PASS
TX-ANH	FM	CH _{M2}	700	-4.18	-6.09	-2.09	PASS
TX-ANH	FM	CH _{M2}	800	-2.77	-4.93	-0.93	PASS
TX-ANH	FM	CH _{M2}	900	-1.34	-3.91	0.09	PASS
TX-ANH	FM	CH _{M2}	1000	0.02	-3.00	1.00	PASS
TX-ANH	FM	CH _{M2}	1200	1.78	-1.42	2.58	PASS
TX-ANH	FM	CH _{M2}	1400	3.31	-0.09	3.91	PASS
TX-ANH	FM	CH _{M2}	1600	4.50	1.07	5.07	PASS
TX-ANH	FM	CH _{M2}	1800	4.38	2.09	6.09	PASS
TX-ANH	FM	CH _{M2}	2000	4.67	3.00	7.00	PASS
TX-ANH	FM	CH _{M2}	2100	5.20	3.42	7.42	PASS
TX-ANH	FM	CH _{M2}	2200	5.74	3.83	7.83	PASS
TX-ANH	FM	CH _{M2}	2300	6.12	4.21	8.21	PASS
TX-ANH	FM	CH _{M2}	2400	6.39	4.58	8.58	PASS
TX-ANH	FM	CH _{M2}	2500	6.76	4.93	8.93	PASS
TX-ANH	FM	CH _{M2}	2600	7.26	4.59	9.27	PASS
TX-ANH	FM	CH _{M2}	2700	7.82	4.27	9.60	PASS
TX-ANH	FM	CH _{M2}	2800	8.19	3.95	9.91	PASS
TX-ANH	FM	CH _{M2}	2900	8.17	3.65	10.22	PASS
TX-ANH	FM	CH _{M2}	3000	7.37	3.35	10.51	PASS
TX-ANH	FM	CH _{M2}	3500	-29.30			PASS
TX-ANH	FM	CH _{M2}	4000	-29.44			PASS
TX-ANH	FM	CH _{M2}	4500	-29.28			PASS
TX-ANH	FM	CH _{M2}	5000	-29.33			PASS

Appendix E:Audio Frequency Response

TEST PLOT RESULT



Note: The highest audio frequency response at 3kHz<3.125kHz, so meet the requirement.

Appendix F:Frequency Stability Test & Temperature

Operation Mode	Modulation Type	Test Conditions		Frequency error (ppm)					Limit (ppm)	Result
		Voltage	Temperature	CH _L	CH _{M1}	CH _{M2}	CH _{M3}	CH _H		
TX-DNH	4FSK	V _N	-30	-0.173	-0.221	-0.160	-0.220	-0.249	±5.0	PASS
TX-DNH	4FSK	V _N	-20	-0.160	-0.216	-0.165	-0.214	-0.233	±5.0	PASS
TX-DNH	4FSK	V _N	-10	-0.174	-0.221	-0.160	-0.220	-0.242	±5.0	PASS
TX-DNH	4FSK	V _N	0	-0.169	-0.218	-0.166	-0.209	-0.247	±5.0	PASS
TX-DNH	4FSK	V _N	10	-0.162	-0.217	-0.175	-0.215	-0.250	±5.0	PASS
TX-DNH	4FSK	V _N	20	-0.158	-0.207	-0.160	-0.205	-0.233	±5.0	PASS
TX-DNH	4FSK	V _N	30	-0.171	-0.215	-0.168	-0.216	-0.248	±5.0	PASS
TX-DNH	4FSK	V _N	40	-0.169	-0.226	-0.160	-0.207	-0.248	±5.0	PASS
TX-DNH	4FSK	V _N	50	-0.161	-0.216	-0.172	-0.212	-0.254	±5.0	PASS
TX-DNL	4FSK	V _N	-30	-0.169	-0.216	-0.165	-0.227	-0.245	±5.0	PASS
TX-DNL	4FSK	V _N	-20	-0.169	-0.226	-0.172	-0.224	-0.248	±5.0	PASS
TX-DNL	4FSK	V _N	-10	-0.175	-0.215	-0.169	-0.215	-0.251	±5.0	PASS
TX-DNL	4FSK	V _N	0	-0.169	-0.215	-0.181	-0.223	-0.239	±5.0	PASS
TX-DNL	4FSK	V _N	10	-0.166	-0.224	-0.166	-0.216	-0.253	±5.0	PASS
TX-DNL	4FSK	V _N	20	-0.162	-0.212	-0.165	-0.212	-0.239	±5.0	PASS
TX-DNL	4FSK	V _N	30	-0.171	-0.216	-0.168	-0.226	-0.240	±5.0	PASS
TX-DNL	4FSK	V _N	40	-0.164	-0.212	-0.174	-0.219	-0.257	±5.0	PASS
TX-DNL	4FSK	V _N	50	-0.174	-0.231	-0.173	-0.221	-0.252	±5.0	PASS
TX-ANH	FM	V _N	-30	-0.265	-0.352	-0.255	-0.353	-0.353	±5.0	PASS
TX-ANH	FM	V _N	-20	-0.285	-0.345	-0.266	-0.352	-0.370	±5.0	PASS
TX-ANH	FM	V _N	-10	-0.279	-0.371	-0.266	-0.348	-0.355	±5.0	PASS
TX-ANH	FM	V _N	0	-0.277	-0.351	-0.259	-0.327	-0.365	±5.0	PASS
TX-ANH	FM	V _N	10	-0.276	-0.357	-0.262	-0.333	-0.353	±5.0	PASS
TX-ANH	FM	V _N	20	-0.262	-0.342	-0.248	-0.327	-0.342	±5.0	PASS
TX-ANH	FM	V _N	30	-0.275	-0.368	-0.264	-0.342	-0.359	±5.0	PASS
TX-ANH	FM	V _N	40	-0.273	-0.347	-0.261	-0.353	-0.358	±5.0	PASS
TX-ANH	FM	V _N	50	-0.273	-0.343	-0.265	-0.352	-0.370	±5.0	PASS
TX-ANL	FM	V _N	-30	-0.283	-0.378	-0.263	-0.341	-0.373	±5.0	PASS
TX-ANL	FM	V _N	-20	-0.291	-0.378	-0.267	-0.363	-0.348	±5.0	PASS
TX-ANL	FM	V _N	-10	-0.273	-0.368	-0.258	-0.360	-0.376	±5.0	PASS
TX-ANL	FM	V _N	0	-0.293	-0.376	-0.272	-0.347	-0.366	±5.0	PASS
TX-ANL	FM	V _N	10	-0.274	-0.360	-0.257	-0.349	-0.353	±5.0	PASS
TX-ANL	FM	V _N	20	-0.272	-0.357	-0.252	-0.332	-0.347	±5.0	PASS
TX-ANL	FM	V _N	30	-0.295	-0.377	-0.254	-0.350	-0.350	±5.0	PASS
TX-ANL	FM	V _N	40	-0.290	-0.362	-0.274	-0.343	-0.359	±5.0	PASS
TX-ANL	FM	V _N	50	-0.290	-0.360	-0.257	-0.342	-0.367	±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 _{M1}	CH _{M2}	CH _{M3}	CH _H		
TX-DNH	4FSK	V _N	T _N	-0.158	-0.207	-0.160	-0.205	-0.233	±5.0	PASS
TX-DNH	4FSK	V _L	T _N	-0.160	-0.209	-0.161	-0.205	-0.234	±5.0	PASS
TX-DNH	4FSK	V _H	T _N	-0.164	-0.219	-0.164	-0.207	-0.246	±5.0	PASS
TX-DNL	4FSK	V _N	T _N	-0.162	-0.212	-0.165	-0.212	-0.239	±5.0	PASS
TX-DNL	4FSK	V _L	T _N	-0.165	-0.214	-0.168	-0.213	-0.243	±5.0	PASS
TX-DNL	4FSK	V _H	T _N	-0.165	-0.218	-0.169	-0.223	-0.249	±5.0	PASS
TX-ANH	FM	V _N	T _N	-0.262	-0.342	-0.248	-0.327	-0.342	±5.0	PASS
TX-ANH	FM	V _L	T _N	-0.263	-0.343	-0.253	-0.330	-0.343	±5.0	PASS
TX-ANH	FM	V _H	T _N	-0.263	-0.351	-0.262	-0.345	-0.356	±5.0	PASS
TX-ANL	FM	V _N	T _N	-0.272	-0.357	-0.252	-0.332	-0.347	±5.0	PASS
TX-ANL	FM	V _L	T _N	-0.273	-0.359	-0.253	-0.332	-0.349	±5.0	PASS
TX-ANL	FM	V _H	T _N	-0.282	-0.365	-0.264	-0.335	-0.355	±5.0	PASS

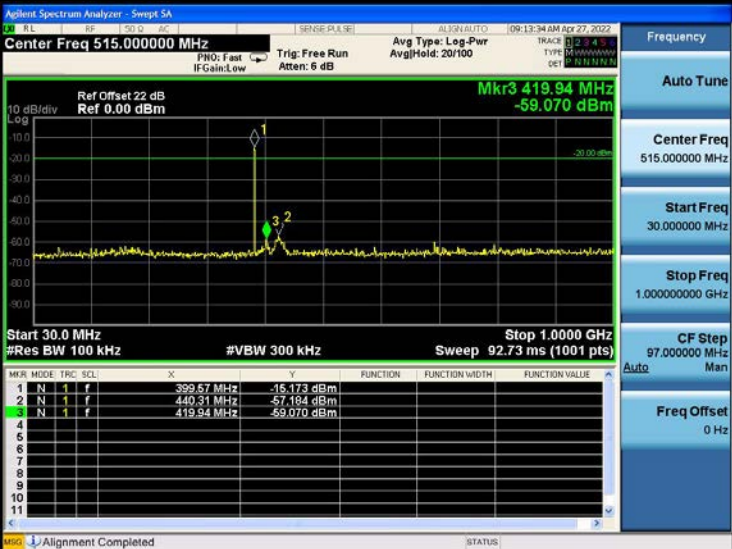
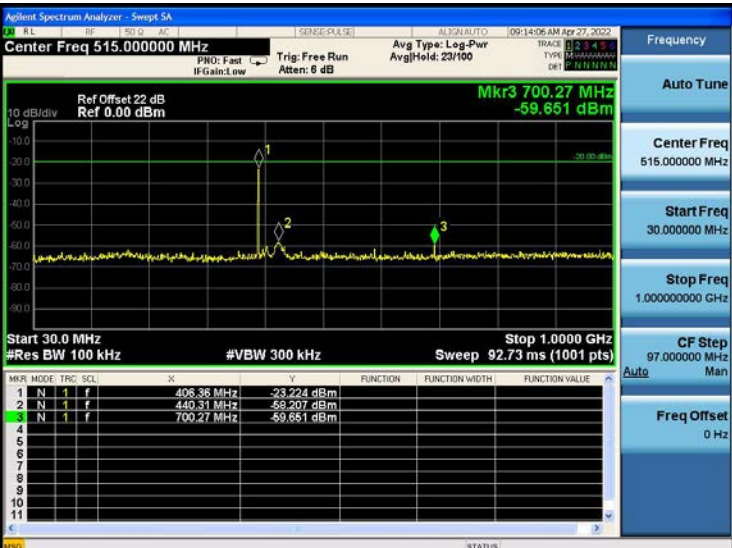
Appendix H:Transmitter Frequency Behavior

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT												
TX-DNH	4FSK	CH _{M2}	MultiViewSpectrumAnalog Demod Ref Level 45.00 dBm Offset 20.50 dB Att 34 dB AQT 100.032 ms DBW 25 kHz Freq 406.1125 MHz TRG: (FIR 17MHz) VIG Bypass FM Time Domain CF 406.1125 MHz 1001 pts 10.0 ms/ 4 Result Summary <table><thead><tr><th></th><th>Carrier Power</th><th>Carrier Offset</th><th>Mod. Freq.</th><th>SINAD</th><th>THD</th></tr></thead><tbody><tr><td>FM</td><td>26.85 dBm</td><td>-123.88 Hz</td><td>12.71 kHz</td><td>13.257 kHz</td><td>2.7192 kHz</td></tr></tbody></table> Analog Demod: Waiting for Trigger... Measuring... 05.05.2022 15:43:19 Date: 5 MAY 2022 15:43:19		Carrier Power	Carrier Offset	Mod. Freq.	SINAD	THD	FM	26.85 dBm	-123.88 Hz	12.71 kHz	13.257 kHz	2.7192 kHz
	Carrier Power	Carrier Offset	Mod. Freq.	SINAD	THD										
FM	26.85 dBm	-123.88 Hz	12.71 kHz	13.257 kHz	2.7192 kHz										
TX-DNH	4FSK	CH _{M2}	MultiViewSpectrumAnalog Demod Ref Level 45.00 dBm Offset 20.50 dB Att 34 dB AQT 100.032 ms DBW 25 kHz Freq 406.1125 MHz TRG: (FIR 17MHz) VIG Bypass FM Time Domain CF 406.1125 MHz 1001 pts 10.0 ms/ 4 Result Summary <table><thead><tr><th></th><th>Carrier Power</th><th>Carrier Offset</th><th>Mod. Freq.</th><th>SINAD</th><th>THD</th></tr></thead><tbody><tr><td>FM</td><td>26.93 dBm</td><td>-122.96 Hz</td><td>14.105 kHz</td><td>13.623 kHz</td><td>2.7235 kHz</td></tr></tbody></table> Analog Demod: Waiting for Trigger... Measuring... 05.05.2022 15:42:45 Date: 5 MAY 2022 15:42:45		Carrier Power	Carrier Offset	Mod. Freq.	SINAD	THD	FM	26.93 dBm	-122.96 Hz	14.105 kHz	13.623 kHz	2.7235 kHz
	Carrier Power	Carrier Offset	Mod. Freq.	SINAD	THD										
FM	26.93 dBm	-122.96 Hz	14.105 kHz	13.623 kHz	2.7235 kHz										
TX-ANH	FM	CH _{M2}	MultiViewSpectrumAnalog Demod Ref Level 45.00 dBm Offset 20.50 dB Att 34 dB AQT 100.032 ms DBW 25 kHz Freq 406.1125 MHz TRG: (FIR 17MHz) VIG Bypass FM Time Domain CF 406.1125 MHz 1001 pts 10.0 ms/ 4 Result Summary <table><thead><tr><th></th><th>Carrier Power</th><th>Carrier Offset</th><th>Mod. Freq.</th><th>SINAD</th><th>THD</th></tr></thead><tbody><tr><td>FM</td><td>26.85 dBm</td><td>-125.08 Hz</td><td>13.643 kHz</td><td>13.13 kHz</td><td>8.7162 kHz</td></tr></tbody></table> Analog Demod: Waiting for Trigger... Measuring... 05.05.2022 15:43:23 Date: 5 MAY 2022 15:43:23		Carrier Power	Carrier Offset	Mod. Freq.	SINAD	THD	FM	26.85 dBm	-125.08 Hz	13.643 kHz	13.13 kHz	8.7162 kHz
	Carrier Power	Carrier Offset	Mod. Freq.	SINAD	THD										
FM	26.85 dBm	-125.08 Hz	13.643 kHz	13.13 kHz	8.7162 kHz										

Appendix H:Transmitter Frequency Behavior

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT												
TX-ANH	FM	CH _{M2}	MultiViewSpectrumAnalog Demod Ref Level 45.00 dBm Offset 20.50 dB Att 34 dB AQT 100.032 ms DBW 25 kHz Freq 406.1125 MHz TRIG: IFB (17MHz) VIG Bypass FM Time Domain CF 406.1125 MHz1001 pts10.0 ms 4 Result Summary <table><thead><tr><th></th><th>Carrier Power</th><th>Carrier Offset</th><th>Mod. Freq.</th><th>SINAD</th><th>THD</th></tr></thead><tbody><tr><td>FM</td><td>26.93 dBm</td><td>-126.03 Hz</td><td>126.03 Hz</td><td>---</td><td>---</td></tr></tbody></table> Peak 15.976 kHzPeak -13.806 kHzPeak/2 14.891 kHzRMS 2.732 kHz Analog Demod. Waiting for Trigger... Measuring...05.05.2022 15:43:05		Carrier Power	Carrier Offset	Mod. Freq.	SINAD	THD	FM	26.93 dBm	-126.03 Hz	126.03 Hz	---	---
	Carrier Power	Carrier Offset	Mod. Freq.	SINAD	THD										
FM	26.93 dBm	-126.03 Hz	126.03 Hz	---	---										

Appendix I:Spurious Emission On Antenna Port

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-DNH	4FSK	CHL	 Agilent Spectrum Analyzer - Sweep SA Center Freq 515.000000 MHz Ref Offset 22 dB Ref 0.00 dBm Mkr3 419.94 MHz -59.070 dBm Start 30.0 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 92.73 ms (1001 pts) Stop 1.0000 GHz Trig: Free Run Atten: 6 dB Avg Type: Log-Pwr AvgHld: 20/100 Frequency Auto Tune Center Freq 515.000000 MHz Start Freq 30.000000 MHz Stop Freq 1.000000000 GHz CF Step 97.000000 MHz Man Freq Offset 0 Hz
TX-DNH	4FSK	CHL	 Agilent Spectrum Analyzer - Sweep SA Center Freq 2.500062500 GHz Ref Offset 22 dB Ref 0.00 dBm Mkr1 3.082 GHz -50.395 dBm Start 1.000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 5.067 ms (1001 pts) Stop 4.000 GHz Trig: Free Run Atten: 6 dB Avg Type: Log-Pwr AvgHld: 36/100 Frequency Auto Tune Center Freq 2.500062500 GHz Start Freq 1.000000000 GHz Stop Freq 4.000126000 GHz CF Step 300.012500 MHz Man Freq Offset 0 Hz
TX-DNH	4FSK	CHM1	 Agilent Spectrum Analyzer - Sweep SA Center Freq 515.000000 MHz Ref Offset 22 dB Ref 0.00 dBm Mkr3 700.27 MHz -59.651 dBm Start 30.0 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 92.73 ms (1001 pts) Stop 1.0000 GHz Trig: Free Run Atten: 6 dB Avg Type: Log-Pwr AvgHld: 20/100 Frequency Auto Tune Center Freq 515.000000 MHz Start Freq 30.000000 MHz Stop Freq 1.000000000 GHz CF Step 97.000000 MHz Man Freq Offset 0 Hz

Appendix I:Spurious Emission On Antenna Port

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-DNH	4FSK	CH _{M1}	Agilent Spectrum Analyzer - Swept SA Center Freq 2.529937500 GHz Ref Offset 22 dB Ref 0.00 dBm Mkr1 3.292 GHz -50.389 dBm Start 1.000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 5.133 ms (1001 pts) File <Temp.png> saved STATUS Frequency Auto Tune Center Freq 2.529937500 GHz Start Freq 1.000000000 GHz Stop Freq 4.059875000 GHz CF Step 305.987500 MHz Auto Freq Offset 0 Hz
TX-DNH	4FSK	CH _{M2}	Agilent Spectrum Analyzer - Swept SA Center Freq 515.000000 MHz Ref Offset 22 dB Ref 0.00 dBm Mkr3 700.27 MHz -59.572 dBm Start 30.0 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 92.73 ms (1001 pts) Mkr Mode Trg SQL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE 1 N 1 f 406.36 MHz -23.393 dBm 2 N 1 f 440.31 MHz -59.041 dBm 3 N 1 f 700.27 MHz -59.572 dBm 4 5 6 7 8 9 10 11 File <Temp.png> saved STATUS Frequency Auto Tune Center Freq 515.000000 MHz Start Freq 30.000000 MHz Stop Freq 1.000000000 GHz CF Step 97.000000 MHz Auto Freq Offset 0 Hz
TX-DNH	4FSK	CH _{M2}	Agilent Spectrum Analyzer - Swept SA Center Freq 2.530562500 GHz Ref Offset 22 dB Ref 0.00 dBm Mkr1 3.302 GHz -50.522 dBm Start 1.000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 5.133 ms (1001 pts) File <Temp.png> saved STATUS Frequency Auto Tune Center Freq 2.530562500 GHz Start Freq 1.000000000 GHz Stop Freq 4.061125000 GHz CF Step 306.112500 MHz Auto Freq Offset 0 Hz

Appendix I:Spurious Emission On Antenna Port

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-DNH	4FSK	CH _{M3}	Agilent Spectrum Analyzer - Swept SA Center Freq 515.000000 MHz Ref Offset 22 dB Ref 0.00 dBm Mkr3 700.27 MHz -60.337 dBm Start 30.0 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 92.73 ms (1001 pts) Stop 1.0000 GHz Frequency Auto Tune Center Freq 515.000000 MHz Start Freq 30.000000 MHz Stop Freq 1.000000000 GHz CF Step 97.000000 MHz Man Freq Offset 0 Hz MSO No Peak Found
TX-DNH	4FSK	CH _{M3}	Agilent Spectrum Analyzer - Swept SA Center Freq 2.690062500 GHz Ref Offset 22 dB Ref 0.00 dBm Mkr1 2.900 GHz -50.173 dBm Start 1.000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 5.667 ms (1001 pts) Stop 4.380 GHz Frequency Auto Tune Center Freq 2.690062500 GHz Start Freq 1.000000000 GHz Stop Freq 4.380126000 GHz CF Step 338.012500 MHz Man Freq Offset 0 Hz MSO File <Temp.png> saved
TX-DNH	4FSK	CH _H	Agilent Spectrum Analyzer - Swept SA Center Freq 515.000000 MHz Ref Offset 22 dB Ref 0.00 dBm Mkr3 700.27 MHz -59.357 dBm Start 30.0 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 92.73 ms (1001 pts) Stop 1.0000 GHz Frequency Auto Tune Center Freq 515.000000 MHz Start Freq 30.000000 MHz Stop Freq 1.000000000 GHz CF Step 97.000000 MHz Man Freq Offset 0 Hz MSO

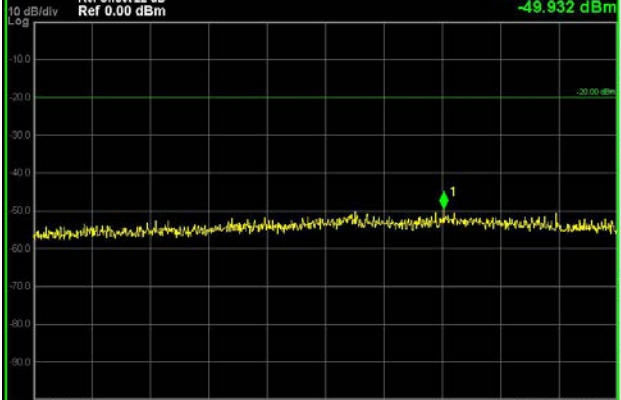
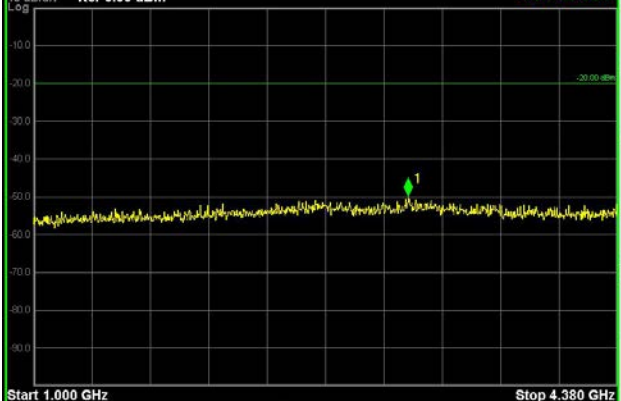
Appendix I:Spurious Emission On Antenna Port

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																																																																												
TX-DNH	4FSK	CH _H	Agilent Spectrum Analyzer - Swept SA RL RF FSQ AC SENSE: PULSE ALG: AUTO 109:15:14 AM Apr 27, 2022 Center Freq 2.899937500 GHz PRF: Fast IF Gain: Low Trig: Free Run Atten: 6 dB Avg Type: Log-Pwr AvgHold: 32/100 TRAC 1 2 3 4 5 TYPE MAAAAAAA DET N L N L N L N Ref Offset 22 dB Ref 0.00 dBm Mkr1 4.758 GHz -49.936 dBm 10 dB/div Log Start 1.000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Stop 4.800 GHz Sweep 6.333 ms (1001 pts) MS0 File <Temp.png> saved (STATUS) Frequency Auto Tune Center Freq 2.899937500 GHz Start Freq 1.000000000 GHz Stop Freq 4.799875000 GHz CF Step 379.987500 MHz Auto Man Freq Offset 0 Hz																																																																																																												
TX-ANH	FM	CH _L	Agilent Spectrum Analyzer - Swept SA RL RF FSQ AC SENSE: PULSE ALG: AUTO 109:16:10 AM Apr 27, 2022 Center Freq 515.0000000 MHz PRF: Fast IF Gain: Low Trig: Free Run Atten: 6 dB Avg Type: Log-Pwr AvgHold: 22/100 TRAC 1 2 3 4 5 TYPE MAAAAAAA DET N L N L N L N Ref Offset 22 dB Ref 0.00 dBm Mkr3 700.27 MHz -59.894 dBm 10 dB/div Log Start 30.0 MHz #Res BW 100 kHz #VBW 300 kHz Stop 1.0000 GHz Sweep 92.73 ms (1001 pts) MS0 (STATUS) Frequency Auto Tune Center Freq 515.0000000 MHz Start Freq 30.0000000 MHz Stop Freq 1.000000000 GHz CF Step 97.000000 MHz Auto Man Freq Offset 0 Hz <table><tr><th>Mkr</th><th>Mode</th><th>Trig</th><th>SQL</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>399.57 MHz</td><td>-15.198 dBm</td><td></td><td></td><td></td></tr><tr><td>2</td><td>N</td><td>1</td><td>f</td><td>437.40 MHz</td><td>-59.397 dBm</td><td></td><td></td><td></td></tr><tr><td>3</td><td>N</td><td>1</td><td>f</td><td>700.27 MHz</td><td>-59.894 dBm</td><td></td><td></td><td></td></tr><tr><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>7</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>8</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>9</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>10</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>11</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>	Mkr	Mode	Trig	SQL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	399.57 MHz	-15.198 dBm				2	N	1	f	437.40 MHz	-59.397 dBm				3	N	1	f	700.27 MHz	-59.894 dBm				4									5									6									7									8									9									10									11								
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TX-ANH	FM	CH _L	Agilent Spectrum Analyzer - Swept SA RL RF FSQ AC SENSE: PULSE ALG: AUTO 109:16:25 AM Apr 27, 2022 Center Freq 2.500062500 GHz PRF: Fast IF Gain: Low Trig: Free Run Atten: 6 dB Avg Type: Log-Pwr AvgHold: 35/100 TRAC 1 2 3 4 5 TYPE MAAAAAAA DET N L N L N L N Ref Offset 22 dB Ref 0.00 dBm Mkr1 3.337 GHz -49.816 dBm 10 dB/div Log Start 1.000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Stop 4.000 GHz Sweep 5.067 ms (1001 pts) MS0 File <Temp.png> saved (STATUS) Frequency Auto Tune Center Freq 2.500062500 GHz Start Freq 1.000000000 GHz Stop Freq 4.000125000 GHz CF Step 300.012500 MHz Auto Man Freq Offset 0 Hz																																																																																																												

Appendix I:Spurious Emission On Antenna Port

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																																																																												
TX-ANH	FM	CH _{M1}	Agilent Spectrum Analyzer - Swept SA Center Freq 515.000000 MHz PRF: Fast IF Gain: Low Trig: Free Run Atten: 6 dB Avg Type: Log-Pwr AvgHold: 22/100 109:16:39 AM Apr 27, 2022 10 dB/div Log Ref Offset 22 dB Ref 0.00 dBm Mkr3 700.27 MHz -59.999 dBm Start 30.0 MHz #Res BW 100 kHz #VBW 300 kHz Stop 1.0000 GHz 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>406.36 MHz</td><td>-23.275 dBm</td><td></td><td></td><td></td></tr><tr><td>2</td><td>N</td><td>1</td><td>f</td><td>440.31 MHz</td><td>-58.519 dBm</td><td></td><td></td><td></td></tr><tr><td>3</td><td>N</td><td>1</td><td>f</td><td>700.27 MHz</td><td>-59.999 dBm</td><td></td><td></td><td></td></tr><tr><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>7</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>8</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>9</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>10</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>11</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></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	406.36 MHz	-23.275 dBm				2	N	1	f	440.31 MHz	-58.519 dBm				3	N	1	f	700.27 MHz	-59.999 dBm				4									5									6									7									8									9									10									11								
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TX-ANH	FM	CH _{M1}	Agilent Spectrum Analyzer - Swept SA Center Freq 2.529937500 GHz PRF: Fast IF Gain: Low Trig: Free Run Atten: 6 dB Avg Type: Log-Pwr AvgHold: 36/100 109:16:43 AM Apr 27, 2022 10 dB/div Log Ref Offset 22 dB Ref 0.00 dBm Mkr1 2.484 GHz -50.375 dBm Start 1.000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Stop 4.060 GHz Sweep 5.133 ms (1001 pts) File <Temp.png> saved Frequency Auto Tune Center Freq 2.529937500 GHz Start Freq 1.000000000 GHz Stop Freq 4.059875000 GHz CF Step 305.987500 MHz Auto Man Freq Offset 0 Hz																																																																																																												
TX-ANH	FM	CH _{M2}	Agilent Spectrum Analyzer - Swept SA Center Freq 515.000000 MHz PRF: Fast IF Gain: Low Trig: Free Run Atten: 6 dB Avg Type: Log-Pwr AvgHold: 23/100 109:16:56 AM Apr 27, 2022 10 dB/div Log Ref Offset 22 dB Ref 0.00 dBm Mkr3 700.27 MHz -60.135 dBm Start 30.0 MHz #Res BW 100 kHz #VBW 300 kHz Stop 1.0000 GHz 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>406.36 MHz</td><td>-23.440 dBm</td><td></td><td></td><td></td></tr><tr><td>2</td><td>N</td><td>1</td><td>f</td><td>440.31 MHz</td><td>-57.732 dBm</td><td></td><td></td><td></td></tr><tr><td>3</td><td>N</td><td>1</td><td>f</td><td>700.27 MHz</td><td>-60.135 dBm</td><td></td><td></td><td></td></tr><tr><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>7</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>8</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>9</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>10</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>11</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></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	406.36 MHz	-23.440 dBm				2	N	1	f	440.31 MHz	-57.732 dBm				3	N	1	f	700.27 MHz	-60.135 dBm				4									5									6									7									8									9									10									11								
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TX-ANH	FM	CH _{M2}	Agilent Spectrum Analyzer - Swept SA Center Freq 2.530562500 GHz Ref Offset 22 dB Ref 0.00 dBm Mkr1 3.152 GHz -49.932 dBm Start 1.000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 5.133 ms (1001 pts) 10 dB/div Log  Start 1.000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 5.133 ms (1001 pts) Frequency Auto Tune Center Freq 2.530562500 GHz Start Freq 1.000000000 GHz Stop Freq 4.061125000 GHz CF Step 306.112500 MHz Auto Man Freq Offset 0 Hz																																																																																																												
TX-ANH	FM	CH _{M3}	Agilent Spectrum Analyzer - Swept SA Center Freq 515.000000 MHz Ref Offset 22 dB Ref 0.00 dBm Mkr3 700.27 MHz -60.426 dBm Start 30.0 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 92.73 ms (1001 pts) 10 dB/div Log  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>Trig</th><th>SQL</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>438.37 MHz</td><td>-44.128 dBm</td><td></td><td></td><td></td></tr><tr><td>2</td><td>N</td><td>1</td><td>f</td><td>419.94 MHz</td><td>-69.924 dBm</td><td></td><td></td><td></td></tr><tr><td>3</td><td>N</td><td>1</td><td>f</td><td>700.27 MHz</td><td>-60.426 dBm</td><td></td><td></td><td></td></tr><tr><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>7</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>8</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>9</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>10</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>11</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></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	Trig	SQL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	438.37 MHz	-44.128 dBm				2	N	1	f	419.94 MHz	-69.924 dBm				3	N	1	f	700.27 MHz	-60.426 dBm				4									5									6									7									8									9									10									11								
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Appendix I:Spurious Emission On Antenna Port

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																																																																												
TX-ANH	FM	CH _H	Agilent Spectrum Analyzer - Swept SA Center Freq 515.000000 MHz Ref Offset 22 dB Ref 0.00 dBm Mkr3 185.20 MHz -61.295 dBm Start 30.0 MHz #Res BW 100 kHz #VBW 300 kHz Stop 1.0000 GHz Sweep 92.73 ms (1001 pts) <table><thead><tr><th>MKR</th><th>MODE</th><th>TRC</th><th>SOL</th><th>X</th><th>Y</th><th>FUNCTION</th><th>FUNCTION WIDTH</th><th>FUNCTION VALUE</th></tr></thead><tbody><tr><td>1</td><td>N</td><td>1</td><td>f</td><td>480.08 MHz</td><td>-34.766 dBm</td><td></td><td></td><td></td></tr><tr><td>2</td><td>N</td><td>1</td><td>f</td><td>440.31 MHz</td><td>-58.345 dBm</td><td></td><td></td><td></td></tr><tr><td>3</td><td>N</td><td>1</td><td>f</td><td>185.20 MHz</td><td>-61.295 dBm</td><td></td><td></td><td></td></tr><tr><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>7</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>8</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>9</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>10</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>11</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table> Frequency Auto Tune Center Freq 515.000000 MHz Start Freq 30.000000 MHz Stop Freq 1.000000000 GHz CF Step 97.000000 MHz Auto Man Freq Offset 0 Hz	MKR	MODE	TRC	SOL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	480.08 MHz	-34.766 dBm				2	N	1	f	440.31 MHz	-58.345 dBm				3	N	1	f	185.20 MHz	-61.295 dBm				4									5									6									7									8									9									10									11								
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TX-ANH	FM	CH _H	Agilent Spectrum Analyzer - Swept SA Center Freq 2.899937500 GHz Ref Offset 22 dB Ref 0.00 dBm Mkr1 3.048 GHz -50.584 dBm Start 1.000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Stop 4.800 GHz Sweep 6.333 ms (1001 pts) <table><thead><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></thead><tbody><tr><td>1</td><td>N</td><td>1</td><td>f</td><td>3.048 GHz</td><td>-50.584 dBm</td><td></td><td></td><td></td></tr></tbody></table> Frequency Auto Tune Center Freq 2.899937500 GHz Start Freq 1.000000000 GHz Stop Freq 4.799875000 GHz CF Step 379.987500 MHz Auto Man Freq Offset 0 Hz	MKR	MODE	TRC	SOL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	3.048 GHz	-50.584 dBm																																																																																													
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