

**Appendix A:Maximum Transmitter Power**

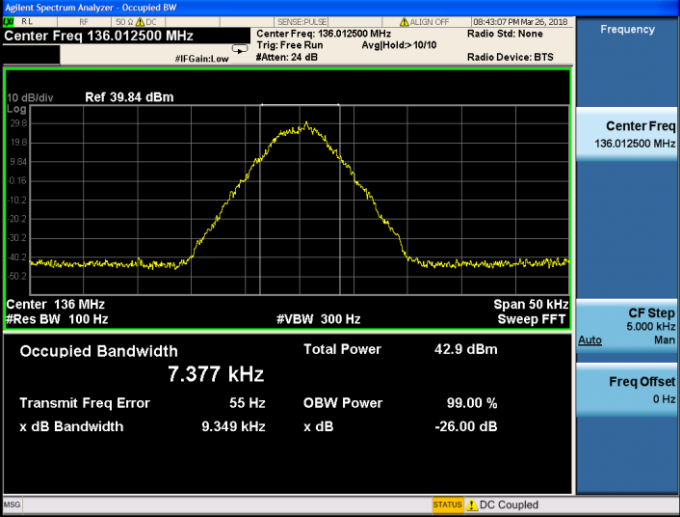
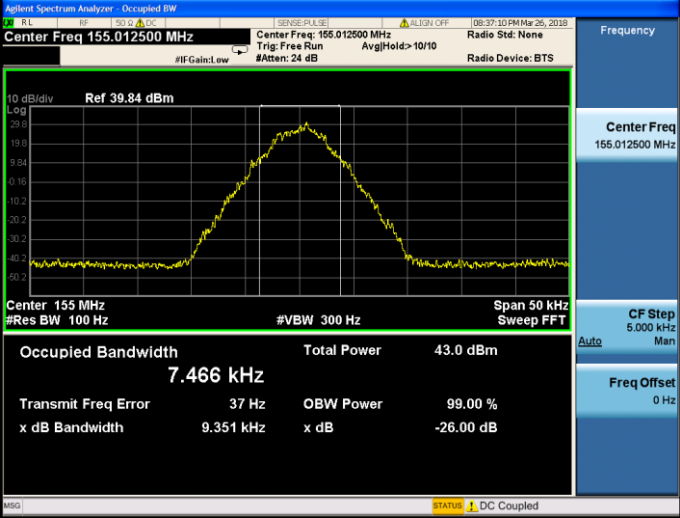
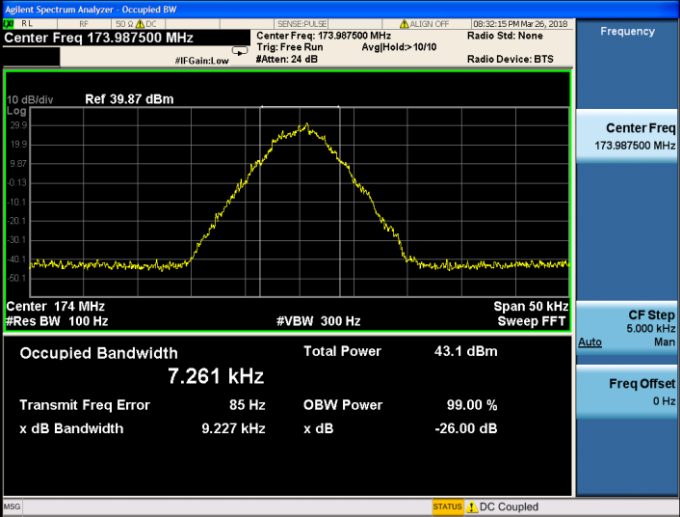
Operation Mode	Modulation Type	Test Channel	Measured Power(dBm)	Measured Power(W)	Rated Power(W)	Percentage (%)	Limit (%)	Result
TX-DNH	4FSK	CH _L	37.0	5.01	5.00	0.2	±20	PASS
TX-DNH	4FSK	CH _{M2}	36.9	4.90	5.00	-2.0	±20	PASS
TX-DNH	4FSK	CH _H	36.9	4.90	5.00	-2.0	±20	PASS
TX-DNL	4FSK	CH _L	30.7	1.17	1.00	17.5	±20	PASS
TX-DNL	4FSK	CH _{M2}	30.6	1.15	1.00	14.8	±20	PASS
TX-DNL	4FSK	CH _H	30.6	1.15	1.00	14.8	±20	PASS
TX-ANH	FM	CH _L	36.9	4.90	5.00	-2.0	±20	PASS
TX-ANH	FM	CH _{M2}	36.8	4.75	5.00	-4.9	±20	PASS
TX-ANH	FM	CH _H	36.8	4.82	5.00	-3.6	±20	PASS
TX-ANL	FM	CH _L	30.6	1.15	1.00	14.6	±20	PASS
TX-ANL	FM	CH _{M2}	30.8	1.19	1.00	19.4	±20	PASS
TX-ANL	FM	CH _H	30.4	1.09	1.00	8.9	±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	7.414	9.349	≤11.25	PASS
TX-DNH	4FSK	CH _{M2}	7.283	9.260	≤11.25	PASS
TX-DNH	4FSK	CH _H	7.331	9.227	≤11.25	PASS
TX-DNL	4FSK	CH _L	7.458	9.397	≤11.25	PASS
TX-DNL	4FSK	CH _{M2}	7.463	9.355	≤11.25	PASS
TX-DNL	4FSK	CH _H	7.407	9.263	≤11.25	PASS
TX-ANH	FM	CH _L	9.959	10.148	≤11.25	PASS
TX-ANH	FM	CH _{M2}	9.953	10.146	≤11.25	PASS
TX-ANH	FM	CH _H	9.969	10.155	≤11.25	PASS
TX-ANL	FM	CH _L	9.959	10.147	≤11.25	PASS
TX-ANL	FM	CH _{M2}	9.953	10.146	≤11.25	PASS
TX-ANL	FM	CH _H	9.975	10.162	≤11.25	PASS



Appendix B:Occupied Bandwidth

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-DNH	4FSK	CH _L	
TX-DNH	4FSK	CH _{M2}	
TX-DNH	4FSK	CH _H	

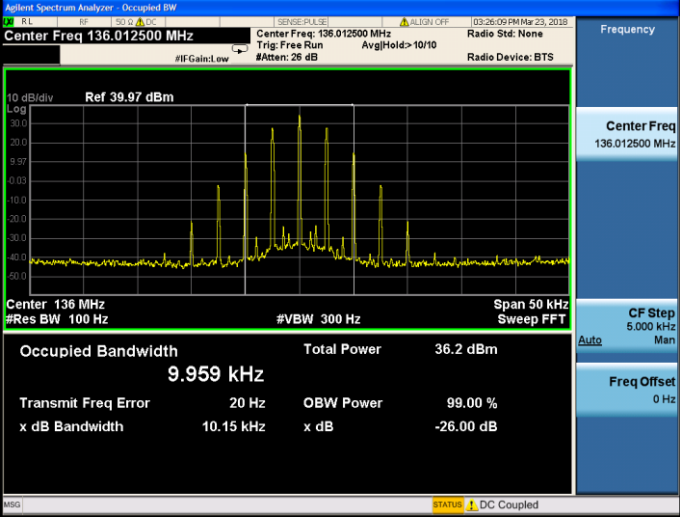
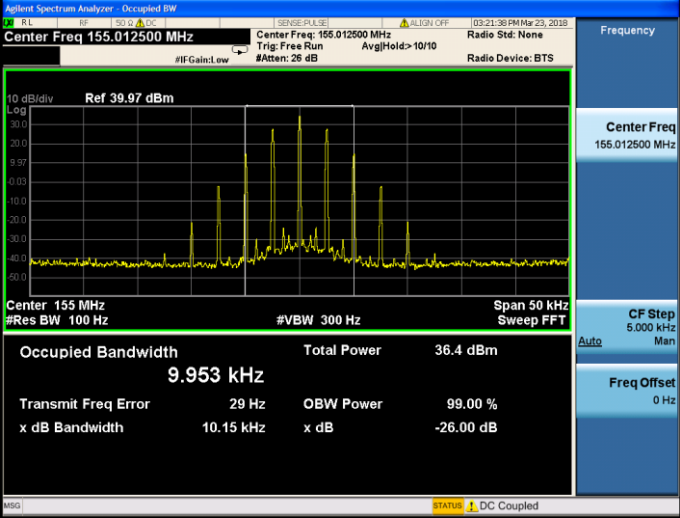
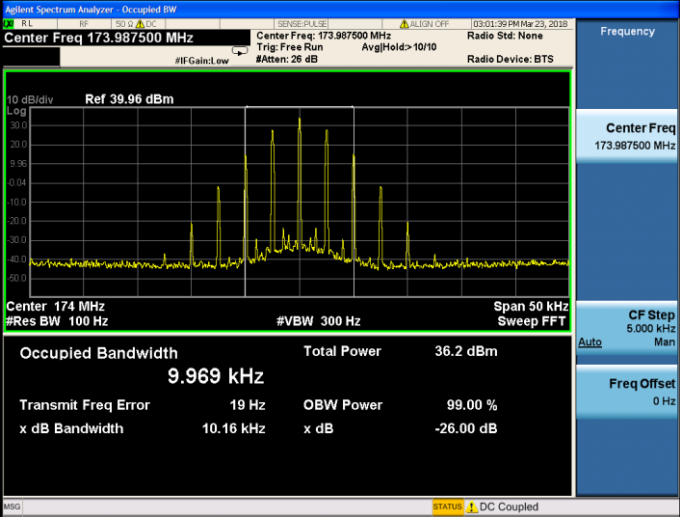


Appendix B:Occupied Bandwidth

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-DNL	4FSK	CH _L	Agilent Spectrum Analyzer - Occupied BW Center Freq 136.012500 MHz Center Freq: 136.012500 MHz Trig: Free Run Avg/Hold: 10/10 Radio Std: None Radio Device: BTS #IF Gain: Low #Atten: 20 dB 10 dB/div Ref 34.34 dBm Log 14.3 4.34 5.66 18.7 25.7 38.7 48.1 55.1 Center 136 MHz #Res BW 100 Hz #VBW 300 Hz Span 50 kHz Sweep FFT Occupied Bandwidth 7.517 kHz Total Power 36.6 dBm Transmit Freq Error 40 Hz OBW Power 99.00 % x dB Bandwidth 9.401 kHz x dB -26.00 dB MSG STATUS DC Coupled
TX-DNL	4FSK	CH _{M2}	Agilent Spectrum Analyzer - Occupied BW Center Freq 155.012500 MHz Center Freq: 155.012500 MHz Trig: Free Run Avg/Hold: 10/10 Radio Std: None Radio Device: BTS #IF Gain: Low #Atten: 20 dB 10 dB/div Ref 34.27 dBm Log 14.3 4.27 5.73 18.7 25.7 38.7 48.1 55.1 Center 155 MHz #Res BW 100 Hz #VBW 300 Hz Span 50 kHz Sweep FFT Occupied Bandwidth 7.467 kHz Total Power 36.9 dBm Transmit Freq Error 57 Hz OBW Power 99.00 % x dB Bandwidth 9.380 kHz x dB -26.00 dB MSG STATUS DC Coupled
TX-DNL	4FSK	CH _H	Agilent Spectrum Analyzer - Occupied BW Center Freq 173.987500 MHz Center Freq: 173.987500 MHz Trig: Free Run Avg/Hold: 10/10 Radio Std: None Radio Device: BTS #IF Gain: Low #Atten: 18 dB 10 dB/div Ref 33.91 dBm Log 13.9 3.91 6.09 18.1 25.1 38.1 48.1 55.1 Center 174 MHz #Res BW 100 Hz #VBW 300 Hz Span 50 kHz Sweep FFT Occupied Bandwidth 7.501 kHz Total Power 36.2 dBm Transmit Freq Error 48 Hz OBW Power 99.00 % x dB Bandwidth 9.272 kHz x dB -26.00 dB MSG STATUS DC Coupled

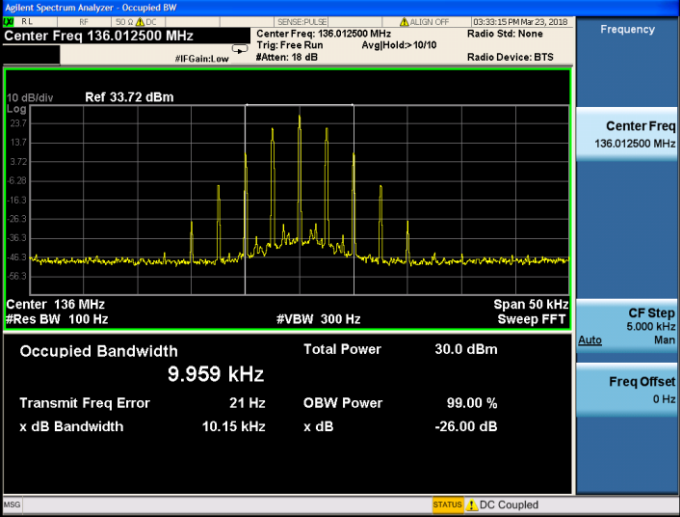
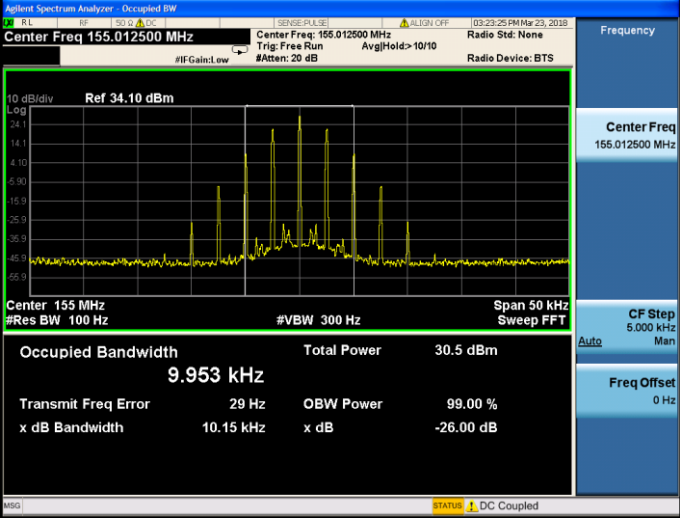
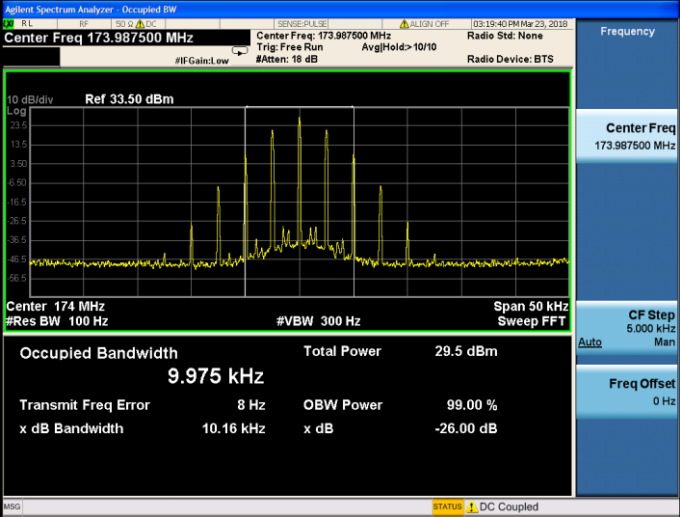


Appendix B:Occupied Bandwidth

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-ANH	FM	CH _L	 Agilent Spectrum Analyzer - Occupied BW Center Freq 136.012500 MHz Center Freq: 136.012500 MHz Trig: Free Run Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref 39.97 dBm 10 dB/div Log Center 136 MHz #Res BW 100 Hz #VBW 300 Hz Span 50 kHz Sweep FFT Occupied Bandwidth 9.959 kHz Total Power 36.2 dBm Transmit Freq Error 20 Hz OBW Power 99.00 % x dB Bandwidth 10.15 kHz x dB -26.00 dB STATUS DC Coupled
TX-ANH	FM	CH _{M2}	 Agilent Spectrum Analyzer - Occupied BW Center Freq 155.012500 MHz Center Freq: 155.012500 MHz Trig: Free Run Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref 39.97 dBm 10 dB/div Log Center 155 MHz #Res BW 100 Hz #VBW 300 Hz Span 50 kHz Sweep FFT Occupied Bandwidth 9.953 kHz Total Power 36.4 dBm Transmit Freq Error 29 Hz OBW Power 99.00 % x dB Bandwidth 10.15 kHz x dB -26.00 dB STATUS DC Coupled
TX-ANH	FM	CH _H	 Agilent Spectrum Analyzer - Occupied BW Center Freq 173.987500 MHz Center Freq: 173.987500 MHz Trig: Free Run Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref 39.96 dBm 10 dB/div Log Center 174 MHz #Res BW 100 Hz #VBW 300 Hz Span 50 kHz Sweep FFT Occupied Bandwidth 9.969 kHz Total Power 36.2 dBm Transmit Freq Error 19 Hz OBW Power 99.00 % x dB Bandwidth 10.16 kHz x dB -26.00 dB STATUS DC Coupled



Appendix B:Occupied Bandwidth

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-ANL	FM	CH _L	 Agilent Spectrum Analyzer - Occupied BW Center Freq 136.012500 MHz Center Freq: 136.012500 MHz Trig: Free Run Avg/Hold: 10/10 Radio Std: None Radio Device: BTS #IF Gain: Low #Atten: 18 dB Ref 33.72 dBm 10 dB/div Log Center 136 MHz #Res BW 100 Hz #VBW 300 Hz Span 50 kHz Sweep FFT Occupied Bandwidth 9.959 kHz Total Power 30.0 dBm Transmit Freq Error 21 Hz OBW Power 99.00 % x dB Bandwidth 10.15 kHz -26.00 dB MSG STATUS DC Coupled
TX-ANL	FM	CH _{M2}	 Agilent Spectrum Analyzer - Occupied BW Center Freq 155.012500 MHz Center Freq: 155.012500 MHz Trig: Free Run Avg/Hold: 10/10 Radio Std: None Radio Device: BTS #IF Gain: Low #Atten: 20 dB Ref 34.10 dBm 10 dB/div Log Center 155 MHz #Res BW 100 Hz #VBW 300 Hz Span 50 kHz Sweep FFT Occupied Bandwidth 9.953 kHz Total Power 30.5 dBm Transmit Freq Error 29 Hz OBW Power 99.00 % x dB Bandwidth 10.15 kHz -26.00 dB MSG STATUS DC Coupled
TX-ANL	FM	CH _H	 Agilent Spectrum Analyzer - Occupied BW Center Freq 173.987500 MHz Center Freq: 173.987500 MHz Trig: Free Run Avg/Hold: 10/10 Radio Std: None Radio Device: BTS #IF Gain: Low #Atten: 18 dB Ref 33.50 dBm 10 dB/div Log Center 174 MHz #Res BW 100 Hz #VBW 300 Hz Span 50 kHz Sweep FFT Occupied Bandwidth 9.975 kHz Total Power 29.5 dBm Transmit Freq Error 8 Hz OBW Power 99.00 % x dB Bandwidth 10.16 kHz -26.00 dB MSG STATUS DC Coupled



Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																																						
TX-DNH	4FSK	CH _L	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 136.012500 MHz Center Freq: 136.012500 MHz Radio Std: None Trig: Free Run #Atten: 40 dB Radio Device: BTS Ref Offset 26 dB Ref 41.0 dBm 10 dB/div Log 31.0 21.0 11.0 1.00 0.00 -9.00 -19.0 -29.0 -39.0 -49.0 Center 136 MHz Span 120 kHz Total Power Ref 36.36 dBm 0.0125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>Peak ></th><th>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>35.79</td><td>(-0.59)</td><td>0.0</td><td>35.80</td><td>(-0.58)</td><td>50.00</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-38.45</td><td>(-7.30)</td><td>-12.10 k</td><td>-39.23</td><td>(-7.36)</td><td>12.20 k</td><td>12.20 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-38.41</td><td>(-18.41)</td><td>-16.95 k</td><td>-38.26</td><td>(-18.26)</td><td>13.70 k</td><td>13.70 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><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><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><td>—</td></tr></tbody></table> msd File <MASK D.state> recalled STATUS Frequency Center Freq 136.012500 MHz CF Step 12.000 kHz Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	Peak >	dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	35.79	(-0.59)	0.0	35.80	(-0.58)	50.00	50.00	5.625 kHz	12.50 kHz	100.0 Hz	-38.45	(-7.30)	-12.10 k	-39.23	(-7.36)	12.20 k	12.20 k	12.50 kHz	60.00 kHz	100.0 Hz	-38.41	(-18.41)	-16.95 k	-38.26	(-18.26)	13.70 k	13.70 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	—	(—)	—	—	(—)	—	—
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	Peak >	dBm	Upper ΔLim(dB)	Freq (Hz)																																																																
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TX-DNH	4FSK	CH _L	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 136.012500 MHz Center Freq: 136.012500 MHz Radio Std: None Trig: Free Run Avg: 100.00% of 10 Radio Device: BTS Ref Offset 26 dB Ref 41.0 dBm 10 dB/div Log 31.0 21.0 11.0 1.00 0.00 -9.00 -19.0 -29.0 -39.0 -49.0 Center 136 MHz Span 120 kHz Total Power Ref 39.57 dBm 0.0125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>Peak ></th><th>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>26.28</td><td>(-10.10)</td><td>-100.0</td><td>30.36</td><td>(-6.02)</td><td>650.0</td><td>650.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-36.67</td><td>(-4.07)</td><td>-12.30 k</td><td>-37.94</td><td>(-4.61)</td><td>12.40 k</td><td>12.40 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-36.45</td><td>(-16.45)</td><td>-14.30 k</td><td>-37.51</td><td>(-17.51)</td><td>13.90 k</td><td>13.90 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td><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><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><td>—</td></tr></tbody></table> msd File <Temp.png> saved STATUS Frequency Center Freq 136.012500 MHz CF Step 12.000 kHz Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	Peak >	dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	26.28	(-10.10)	-100.0	30.36	(-6.02)	650.0	650.0	5.625 kHz	12.50 kHz	100.0 Hz	-36.67	(-4.07)	-12.30 k	-37.94	(-4.61)	12.40 k	12.40 k	12.50 kHz	60.00 kHz	100.0 Hz	-36.45	(-16.45)	-14.30 k	-37.51	(-17.51)	13.90 k	13.90 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—	—
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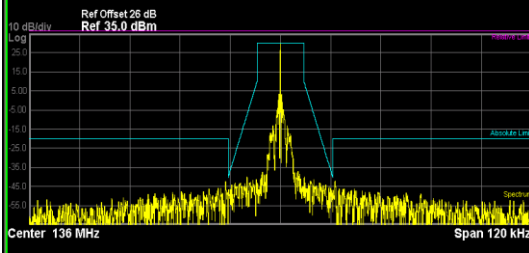
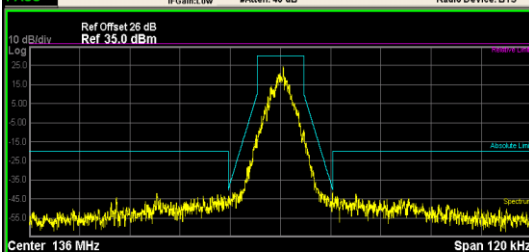
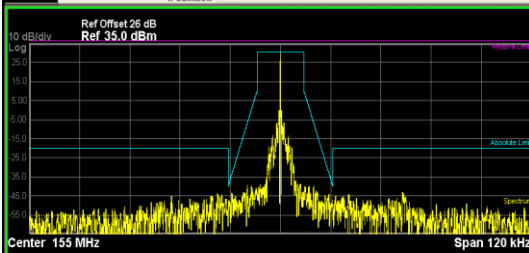


Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																															
TX-DNH	4FSK	CH _{M2}	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 155.012500 MHz Ref Offset 26 dB Ref 41.0 dBm 10 dB/div Log 31.0 21.0 11.0 0.0 -9.0 -19.0 -29.0 -39.0 -49.0 Center 155 MHz Span 120 kHz Total Power Ref 39.19 dBm 0.0125 MHz <table><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>25.33</td><td>(-11.02)</td><td>-600.0</td><td>29.86</td><td>(-6.49)</td><td>700.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-37.60</td><td>(-4.24)</td><td>-12.40 k</td><td>-35.71</td><td>(-3.44)</td><td>12.25 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-36.03</td><td>(-16.03)</td><td>-14.75 k</td><td>-36.00</td><td>(-16.00)</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> Frequency Center Freq 155.012500 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	25.33	(-11.02)	-600.0	29.86	(-6.49)	700.0	5.625 kHz	12.50 kHz	100.0 Hz	-37.60	(-4.24)	-12.40 k	-35.71	(-3.44)	12.25 k	12.50 kHz	60.00 kHz	100.0 Hz	-36.03	(-16.03)	-14.75 k	-36.00	(-16.00)	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 > dBm	Upper ΔLim(dB)	Freq (Hz)																																																										
0.0 Hz	5.625 kHz	100.0 Hz	25.33	(-11.02)	-600.0	29.86	(-6.49)	700.0																																																										
5.625 kHz	12.50 kHz	100.0 Hz	-37.60	(-4.24)	-12.40 k	-35.71	(-3.44)	12.25 k																																																										
12.50 kHz	60.00 kHz	100.0 Hz	-36.03	(-16.03)	-14.75 k	-36.00	(-16.00)	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	—	(—)	—	—	(—)	—																																																										
TX-DNH	4FSK	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 173.987500 MHz Ref Offset 26 dB Ref 41.0 dBm 10 dB/div Log 31.0 21.0 11.0 0.0 -9.0 -19.0 -29.0 -39.0 -49.0 Center 174 MHz Span 120 kHz Total Power Ref 36.37 dBm 0.0125 MHz <table><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>35.87</td><td>(+0.47)</td><td>0.0</td><td>35.87</td><td>(+0.47)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-34.97</td><td>(-2.69)</td><td>-12.25 k</td><td>-35.53</td><td>(-2.89)</td><td>12.30 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-36.72</td><td>(-16.72)</td><td>-14.00 k</td><td>-36.72</td><td>(-16.72)</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></table> Frequency Center Freq 173.987500 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	35.87	(+0.47)	0.0	35.87	(+0.47)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-34.97	(-2.69)	-12.25 k	-35.53	(-2.89)	12.30 k	12.50 kHz	60.00 kHz	100.0 Hz	-36.72	(-16.72)	-14.00 k	-36.72	(-16.72)	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	—	(—)	—	—	(—)	—
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	35.87	(+0.47)	0.0	35.87	(+0.47)	0.0																																																										
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4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
TX-DNH	4FSK	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 173.987500 MHz Ref Offset 26 dB Ref 41.0 dBm 10 dB/div Log 31.0 21.0 11.0 0.0 -9.0 -19.0 -29.0 -39.0 -49.0 Center 174 MHz Span 120 kHz Total Power Ref 39.49 dBm 0.0125 MHz <table><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>29.34</td><td>(-7.00)</td><td>-700.0</td><td>26.02</td><td>(-10.33)</td><td>650.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-39.02</td><td>(-6.37)</td><td>-12.30 k</td><td>-34.79</td><td>(-4.33)</td><td>12.00 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-37.47</td><td>(-17.47)</td><td>-14.20 k</td><td>-36.81</td><td>(-16.81)</td><td>14.30 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></table> Frequency Center Freq 173.987500 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	29.34	(-7.00)	-700.0	26.02	(-10.33)	650.0	5.625 kHz	12.50 kHz	100.0 Hz	-39.02	(-6.37)	-12.30 k	-34.79	(-4.33)	12.00 k	12.50 kHz	60.00 kHz	100.0 Hz	-37.47	(-17.47)	-14.20 k	-36.81	(-16.81)	14.30 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	—	(—)	—	—	(—)	—
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)																																																										
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5.625 kHz	12.50 kHz	100.0 Hz	-39.02	(-6.37)	-12.30 k	-34.79	(-4.33)	12.00 k																																																										
12.50 kHz	60.00 kHz	100.0 Hz	-37.47	(-17.47)	-14.20 k	-36.81	(-16.81)	14.30 k																																																										
4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
8.000 MHz	12.50 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 _L	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 150.0 MC SENSE: PULSE ALIGN: OFF 08:49:48 PM Mar 26, 2018 Center Freq 136.012500 MHz Center Freq: 136.012500 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run #Atten: 40 dB Radio Device: BTS 10 dB/div Ref Offset 26 dB Ref 35.0 dBm  Center 136 MHz Span 120 kHz Total Power Ref 29.83 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 > 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>29.84</td><td>(-0.55)</td><td>0.0</td><td>29.88</td><td>(-0.51)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-47.76</td><td>(-7.50)</td><td>-12.50 k</td><td>-47.22</td><td>(-8.05)</td><td>12.35 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-42.45</td><td>(-22.45)</td><td>-13.05 k</td><td>-42.12</td><td>(-22.12)</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></tbody></table> MSO File <MASK.D.state> recalled STATUS Frequency Center Freq 136.012500 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	29.84	(-0.55)	0.0	29.88	(-0.51)	50.00	5.625 kHz	12.50 kHz	100.0 Hz	-47.76	(-7.50)	-12.50 k	-47.22	(-8.05)	12.35 k	12.50 kHz	60.00 kHz	100.0 Hz	-42.45	(-22.45)	-13.05 k	-42.12	(-22.12)	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 > dBm	Upper ΔLim(dB)	Freq (Hz)																																																										
0.0 Hz	5.625 kHz	100.0 Hz	29.84	(-0.55)	0.0	29.88	(-0.51)	50.00																																																										
5.625 kHz	12.50 kHz	100.0 Hz	-47.76	(-7.50)	-12.50 k	-47.22	(-8.05)	12.35 k																																																										
12.50 kHz	60.00 kHz	100.0 Hz	-42.45	(-22.45)	-13.05 k	-42.12	(-22.12)	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	—	(—)	—	—	(—)	—																																																										
TX-DNL	4FSK	CH _L	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 150.0 MC SENSE: PULSE ALIGN: OFF 08:50:39 PM Mar 26, 2018 Center Freq 136.012500 MHz Center Freq: 136.012500 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run Avg: 100.00% of 10 #Atten: 40 dB Radio Device: BTS 10 dB/div Ref Offset 26 dB Ref 35.0 dBm  Center 136 MHz Span 120 kHz Total Power Ref 33.31 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>20.81</td><td>(-9.37)</td><td>-50.00</td><td>24.50</td><td>(-5.68)</td><td>700.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-43.52</td><td>(-4.36)</td><td>-12.35 k</td><td>-41.39</td><td>(-1.14)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-42.15</td><td>(-22.15)</td><td>-29.50 k</td><td>-42.57</td><td>(-22.57)</td><td>18.10 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 STATUS Frequency Center Freq 136.012500 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	20.81	(-9.37)	-50.00	24.50	(-5.68)	700.0	5.625 kHz	12.50 kHz	100.0 Hz	-43.52	(-4.36)	-12.35 k	-41.39	(-1.14)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-42.15	(-22.15)	-29.50 k	-42.57	(-22.57)	18.10 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)																																																										
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4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
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12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
TX-DNL	4FSK	CH _{M2}	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 150.0 MC SENSE: PULSE ALIGN: OFF 08:40:59 PM Mar 26, 2018 Center Freq 155.012500 MHz Center Freq: 155.012500 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run #Atten: 40 dB Radio Device: BTS 10 dB/div Ref Offset 26 dB Ref 35.0 dBm  Center 155 MHz Span 120 kHz Total Power Ref 30.15 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>29.94</td><td>(-0.52)</td><td>0.0</td><td>29.97</td><td>(-0.49)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-47.46</td><td>(-8.20)</td><td>-12.40 k</td><td>-46.96</td><td>(-7.34)</td><td>12.45 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-43.37</td><td>(-23.37)</td><td>-15.05 k</td><td>-43.06</td><td>(-23.06)</td><td>29.20 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 155.012500 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	29.94	(-0.52)	0.0	29.97	(-0.49)	50.00	5.625 kHz	12.50 kHz	100.0 Hz	-47.46	(-8.20)	-12.40 k	-46.96	(-7.34)	12.45 k	12.50 kHz	60.00 kHz	100.0 Hz	-43.37	(-23.37)	-15.05 k	-43.06	(-23.06)	29.20 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)																																																										
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8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										



Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																															
TX-DNL	4FSK	CH _{M2}	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 155.012500 MHz Trig: Free Run IF Gain: Low Ref Offset 26 dB Ref 35.0 dBm 10 dB/div Log 25.0 15.0 5.00 5.00 25.0 35.0 45.0 55.0 Center 155 MHz Span 120 kHz Total Power Ref 33.10 dBm 0.0125 MHz <table><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>20.20</td><td>(-10.26)</td><td>-50.00</td><td>22.07</td><td>(-8.38)</td><td>650.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-44.31</td><td>(-6.51)</td><td>-12.20 k</td><td>-43.39</td><td>(-4.86)</td><td>12.30 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-43.35</td><td>(-23.35)</td><td>-13.10 k</td><td>-42.52</td><td>(-22.52)</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></table> Frequency Center Freq 155.012500 MHz CF Step 12.000 kHz Auto Man Freq Offset 0 Hz File <Temp.png> saved STATUS	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	20.20	(-10.26)	-50.00	22.07	(-8.38)	650.0	5.625 kHz	12.50 kHz	100.0 Hz	-44.31	(-6.51)	-12.20 k	-43.39	(-4.86)	12.30 k	12.50 kHz	60.00 kHz	100.0 Hz	-43.35	(-23.35)	-13.10 k	-42.52	(-22.52)	12.85 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	—	(—)	—	—	(—)	—
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)																																																										
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4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
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TX-DNL	4FSK	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 173.987500 MHz Trig: Free Run IF Gain: Low Ref Offset 26 dB Ref 35.0 dBm 10 dB/div Log 25.0 15.0 5.00 5.00 25.0 35.0 45.0 55.0 Center 174 MHz Span 120 kHz Total Power Ref 29.69 dBm 0.0125 MHz <table><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>29.46</td><td>(-0.42)</td><td>0.0</td><td>29.49</td><td>(-0.40)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-47.00</td><td>(-6.81)</td><td>-12.45 k</td><td>-44.04</td><td>(-7.13)</td><td>12.00 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-43.61</td><td>(-23.61)</td><td>-13.55 k</td><td>-41.09</td><td>(-21.09)</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> Frequency Center Freq 173.987500 MHz CF Step 12.000 kHz Auto Man Freq Offset 0 Hz File <MASK D state> recalled STATUS	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	29.46	(-0.42)	0.0	29.49	(-0.40)	50.00	5.625 kHz	12.50 kHz	100.0 Hz	-47.00	(-6.81)	-12.45 k	-44.04	(-7.13)	12.00 k	12.50 kHz	60.00 kHz	100.0 Hz	-43.61	(-23.61)	-13.55 k	-41.09	(-21.09)	13.60 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 > dBm	Upper ΔLim(dB)	Freq (Hz)																																																										
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TX-DNL	4FSK	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 173.987500 MHz Trig: Free Run IF Gain: Low Ref Offset 26 dB Ref 35.0 dBm 10 dB/div Log 25.0 15.0 5.00 5.00 25.0 35.0 45.0 55.0 Center 174 MHz Span 120 kHz Total Power Ref 33.08 dBm 0.0125 MHz <table><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>18.96</td><td>(-10.92)</td><td>-1.600 k</td><td>21.33</td><td>(-8.56)</td><td>1.150 k</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-39.13</td><td>(-2.21)</td><td>-12.00 k</td><td>-42.81</td><td>(-6.25)</td><td>11.95 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-42.78</td><td>(-22.78)</td><td>-13.50 k</td><td>-42.11</td><td>(-22.11)</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></table> Frequency Center Freq 173.987500 MHz CF Step 12.000 kHz Auto Man Freq Offset 0 Hz File <Temp.png> saved STATUS	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	18.96	(-10.92)	-1.600 k	21.33	(-8.56)	1.150 k	5.625 kHz	12.50 kHz	100.0 Hz	-39.13	(-2.21)	-12.00 k	-42.81	(-6.25)	11.95 k	12.50 kHz	60.00 kHz	100.0 Hz	-42.78	(-22.78)	-13.50 k	-42.11	(-22.11)	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	—	(—)	—	—	(—)	—
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)																																																										
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Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																															
TX-ANH	FM	CH _L	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 136.012500 MHz Center Freq: 136.012500 MHz Radio Std: None Trig: Free Run #Atten: 40 dB Radio Device: BTS Ref Offset 26 dB Ref 41.0 dBm Center 136 MHz Span 120 kHz Total Power Ref 36.61 dBm 0.0125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>35.96</td><td>(-0.52)</td><td>0.0</td><td>35.96</td><td>(-0.52)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-37.99</td><td>(-5.86)</td><td>-12.25 k</td><td>-37.70</td><td>(-5.21)</td><td>12.30 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-39.06</td><td>(-19.06)</td><td>-17.45 k</td><td>-39.21</td><td>(-19.21)</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></tbody></table> Frequency Center Freq 136.012500 MHz CF Step 12.000 kHz Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	35.96	(-0.52)	0.0	35.96	(-0.52)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-37.99	(-5.86)	-12.25 k	-37.70	(-5.21)	12.30 k	12.50 kHz	60.00 kHz	100.0 Hz	-39.06	(-19.06)	-17.45 k	-39.21	(-19.21)	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 > dBm	Upper ΔLim(dB)	Freq (Hz)																																																										
0.0 Hz	5.625 kHz	100.0 Hz	35.96	(-0.52)	0.0	35.96	(-0.52)	0.0																																																										
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4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
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12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
TX-ANH	FM	CH _L	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 136.012500 MHz Center Freq: 136.012500 MHz Radio Std: None Trig: Free Run Avg: 100.00% of 10 #Atten: 40 dB Radio Device: BTS Ref Offset 26 dB Ref 41.0 dBm Center 136 MHz Span 120 kHz Total Power Ref 36.50 dBm 0.0125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > 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>34.25</td><td>(-2.23)</td><td>0.0</td><td>34.26</td><td>(-2.23)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-36.74</td><td>(-3.15)</td><td>-12.45 k</td><td>-36.43</td><td>(-2.48)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-38.12</td><td>(-16.12)</td><td>-13.15 k</td><td>-36.78</td><td>(-16.78)</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></tbody></table> Frequency Center Freq 136.012500 MHz CF Step 12.000 kHz Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	34.25	(-2.23)	0.0	34.26	(-2.23)	50.00	5.625 kHz	12.50 kHz	100.0 Hz	-36.74	(-3.15)	-12.45 k	-36.43	(-2.48)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-38.12	(-16.12)	-13.15 k	-36.78	(-16.78)	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	—	(—)	—	—	(—)	—
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)																																																										
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TX-ANH	FM	CH _{M2}	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 155.012500 MHz Center Freq: 155.012500 MHz Radio Std: None Trig: Free Run #Atten: 40 dB Radio Device: BTS Ref Offset 26 dB Ref 41.0 dBm Center 155 MHz Span 120 kHz Total Power Ref 36.60 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>35.95</td><td>(-0.54)</td><td>0.0</td><td>35.95</td><td>(-0.54)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-38.90</td><td>(-5.31)</td><td>-12.45 k</td><td>-38.30</td><td>(-4.35)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-38.82</td><td>(-18.82)</td><td>-13.70 k</td><td>-38.96</td><td>(-18.96)</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> Frequency Center Freq 155.012500 MHz CF Step 12.000 kHz Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	35.95	(-0.54)	0.0	35.95	(-0.54)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-38.90	(-5.31)	-12.45 k	-38.30	(-4.35)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-38.82	(-18.82)	-13.70 k	-38.96	(-18.96)	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 > dBm	Upper ΔLim(dB)	Freq (Hz)																																																										
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8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										



Appendix C:Emission Mask

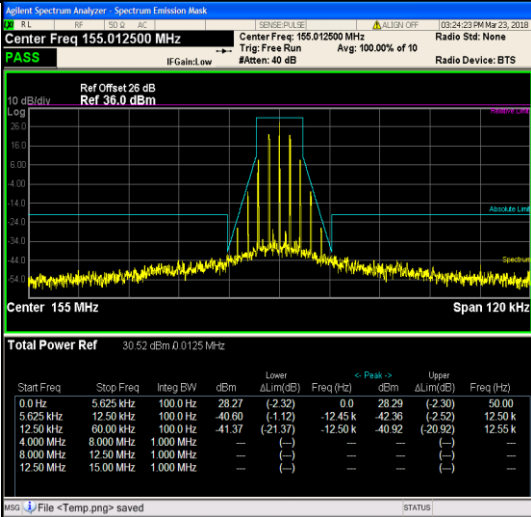
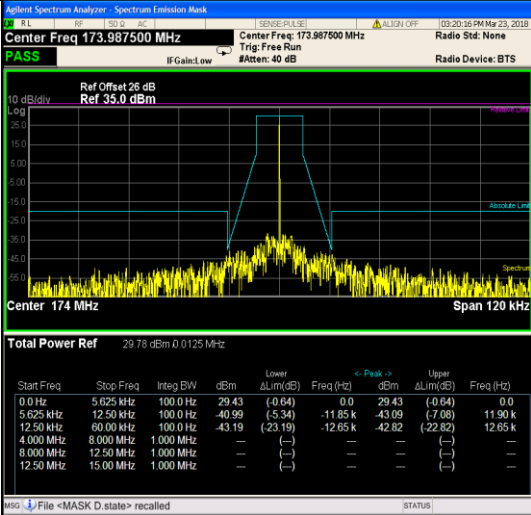
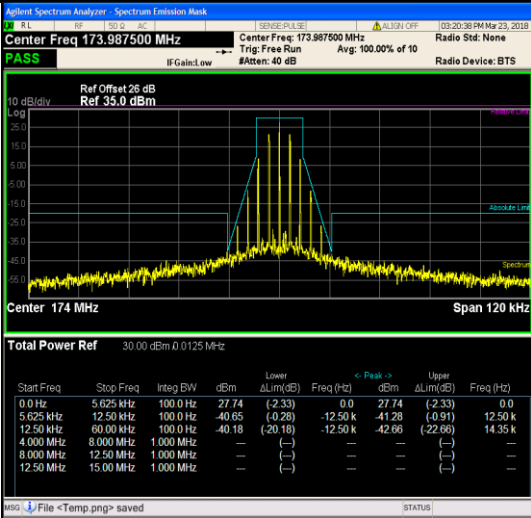
Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																															
TX-ANH	FM	CH _{M2}	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 155.012500 MHz Center Freq: 155.012500 MHz Trig: Free Run Avg: 100.00% of 10 Radio Std: None Radio Device: BTS Ref Offset 26 dB Ref 41.0 dBm 10 dB/div Log 31.0 21.0 11.0 1.00 0.00 19.0 9.00 29.0 39.0 49.0 Center 155 MHz Span 120 kHz Total Power Ref 36.50 dBm/0.0125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > 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>34.31</td><td>(-2.18)</td><td>0.0</td><td>34.31</td><td>(-2.18)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-34.30</td><td>(-0.36)</td><td>-12.50 k</td><td>-36.68</td><td>(-2.73)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-33.98</td><td>(-13.98)</td><td>-12.50 k</td><td>-32.51</td><td>(-12.51)</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></tbody></table> Frequency Center Freq 155.012500 MHz CF Step 12.000 kHz Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	34.31	(-2.18)	0.0	34.31	(-2.18)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-34.30	(-0.36)	-12.50 k	-36.68	(-2.73)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-33.98	(-13.98)	-12.50 k	-32.51	(-12.51)	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	—	(—)	—	—	(—)	—
		Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)																																																								
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4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
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TX-ANH	FM	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 173.987500 MHz Center Freq: 173.987500 MHz Trig: Free Run Avg: 100.00% of 10 Radio Std: None Radio Device: BTS Ref Offset 26 dB Ref 41.0 dBm 10 dB/div Log 31.0 21.0 11.0 1.00 0.00 19.0 9.00 29.0 39.0 49.0 Center 174 MHz Span 120 kHz Total Power Ref 36.51 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>35.86</td><td>(+0.58)</td><td>0.0</td><td>35.86</td><td>(+0.58)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-39.13</td><td>(-10.94)</td><td>-11.70 k</td><td>-39.85</td><td>(-11.30)</td><td>11.75 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-37.08</td><td>(-17.08)</td><td>-13.20 k</td><td>-37.13</td><td>(-17.13)</td><td>13.25 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> Frequency Center Freq 173.987500 MHz CF Step 12.000 kHz Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	35.86	(+0.58)	0.0	35.86	(+0.58)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-39.13	(-10.94)	-11.70 k	-39.85	(-11.30)	11.75 k	12.50 kHz	60.00 kHz	100.0 Hz	-37.08	(-17.08)	-13.20 k	-37.13	(-17.13)	13.25 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
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	35.86	(+0.58)	0.0	35.86	(+0.58)	0.0																																																										
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4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
TX-ANH	FM	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 173.987500 MHz Center Freq: 173.987500 MHz Trig: Free Run Avg: 100.00% of 10 Radio Std: None Radio Device: BTS Ref Offset 26 dB Ref 41.0 dBm 10 dB/div Log 31.0 21.0 11.0 1.00 0.00 19.0 9.00 29.0 39.0 49.0 Center 174 MHz Span 120 kHz Total Power Ref 36.47 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>34.23</td><td>(-2.26)</td><td>0.0</td><td>34.23</td><td>(-2.26)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-34.79</td><td>(-0.85)</td><td>-12.50 k</td><td>-36.41</td><td>(-2.47)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-34.94</td><td>(-14.94)</td><td>-12.50 k</td><td>-35.32</td><td>(-15.32)</td><td>12.55 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> Frequency Center Freq 173.987500 MHz CF Step 12.000 kHz Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	34.23	(-2.26)	0.0	34.23	(-2.26)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-34.79	(-0.85)	-12.50 k	-36.41	(-2.47)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-34.94	(-14.94)	-12.50 k	-35.32	(-15.32)	12.55 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	—	(—)	—	—	(—)	—
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)																																																										
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4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										



Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																															
TX-ANL	FM	CH _L	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 136.012500 MHz Trig: Free Run IF Gain: Low #Atten: 40 dB Radio Std: None Radio Device: BTS 03:50:35 PM Mar 23, 2018 Ref Offset 26 dB Ref 35.0 dBm 10 dB/div Log 25.0 15.0 5.0 0.0 -5.0 -15.0 -25.0 -35.0 -45.0 -55.0 Center 136 MHz Span 120 kHz Total Power Ref 29.62 dBm 0.0125 MHz <table><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>29.58</td><td>(-0.59)</td><td>0.0</td><td>29.58</td><td>(-0.59)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-42.85</td><td>(-7.68)</td><td>-11.80 k</td><td>-46.98</td><td>(-9.26)</td><td>12.15 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-43.29</td><td>(-23.29)</td><td>-27.75 k</td><td>-43.26</td><td>(-23.26)</td><td>14.60 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> Frequency Center Freq 136.012500 MHz CF Step 12.000 kHz Man Auto Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	29.58	(-0.59)	0.0	29.58	(-0.59)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-42.85	(-7.68)	-11.80 k	-46.98	(-9.26)	12.15 k	12.50 kHz	60.00 kHz	100.0 Hz	-43.29	(-23.29)	-27.75 k	-43.26	(-23.26)	14.60 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 > dBm	Upper ΔLim(dB)	Freq (Hz)																																																										
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4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
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12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
TX-ANL	FM	CH _L	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 136.012500 MHz Trig: Free Run IF Gain: Low #Atten: 40 dB Radio Std: None Radio Device: BTS 03:50:36 PM Mar 23, 2018 Ref Offset 26 dB Ref 35.0 dBm 10 dB/div Log 25.0 15.0 5.0 0.0 -5.0 -15.0 -25.0 -35.0 -45.0 -55.0 Center 136 MHz Span 120 kHz Total Power Ref 30.04 dBm 0.0125 MHz <table><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>27.95</td><td>(-2.22)</td><td>0.0</td><td>27.98</td><td>(-2.19)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-41.29</td><td>(-1.39)</td><td>-12.45 k</td><td>-42.65</td><td>(-2.38)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-40.96</td><td>(-20.96)</td><td>-12.50 k</td><td>-41.40</td><td>(-21.40)</td><td>17.05 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></table> Frequency Center Freq 136.012500 MHz CF Step 12.000 kHz Man Auto Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	27.95	(-2.22)	0.0	27.98	(-2.19)	50.00	5.625 kHz	12.50 kHz	100.0 Hz	-41.29	(-1.39)	-12.45 k	-42.65	(-2.38)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-40.96	(-20.96)	-12.50 k	-41.40	(-21.40)	17.05 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
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TX-ANL	FM	CH _{M2}	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 155.012500 MHz Trig: Free Run IF Gain: Low #Atten: 40 dB Radio Std: None Radio Device: BTS 03:24:01 PM Mar 23, 2018 Ref Offset 26 dB Ref 36.0 dBm 10 dB/div Log 25.0 15.0 5.0 0.0 -5.0 -15.0 -25.0 -35.0 -45.0 -55.0 Center 155 MHz Span 120 kHz Total Power Ref 30.64 dBm 0.0125 MHz <table><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>29.93</td><td>(-0.67)</td><td>0.0</td><td>29.95</td><td>(-0.65)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-46.82</td><td>(-45.98)</td><td>-12.50 k</td><td>-44.14</td><td>(-9.03)</td><td>11.85 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-42.74</td><td>(-22.74)</td><td>-13.25 k</td><td>-42.42</td><td>(-22.42)</td><td>13.30 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></table> Frequency Center Freq 155.012500 MHz CF Step 12.000 kHz Man Auto Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	29.93	(-0.67)	0.0	29.95	(-0.65)	50.00	5.625 kHz	12.50 kHz	100.0 Hz	-46.82	(-45.98)	-12.50 k	-44.14	(-9.03)	11.85 k	12.50 kHz	60.00 kHz	100.0 Hz	-42.74	(-22.74)	-13.25 k	-42.42	(-22.42)	13.30 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	—	(—)	—	—	(—)	—
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)																																																										
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Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT			
TX-ANL	FM	CH _{M2}			Frequency Center Freq 155.012500 MHz CF Step 12.000 kHz Auto Man Freq Offset 0 Hz	
TX-ANL	FM	CH _H			Frequency Center Freq 173.987500 MHz CF Step 12.000 kHz Auto Man Freq Offset 0 Hz	
TX-ANL	FM	CH _H			Frequency Center Freq 173.987500 MHz CF Step 12.000 kHz Auto Man Freq Offset 0 Hz	

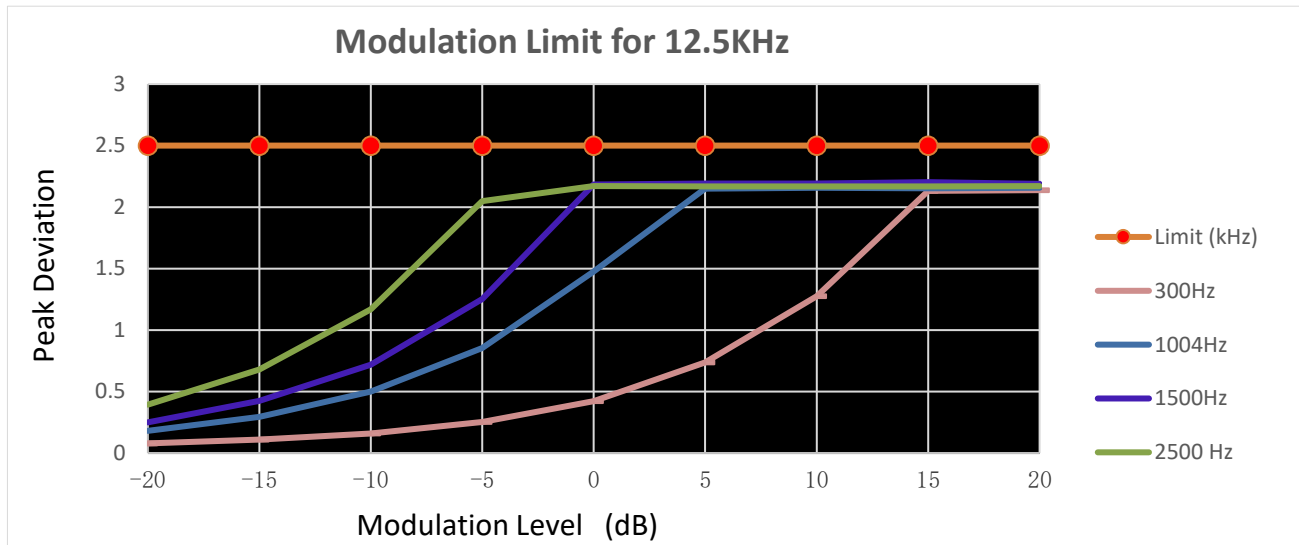
**Appendix D:Modulation Limit**

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	0.079	0.181	0.25	0.394	2.5	PASS
TX-ANH	FM	CH _{M2}	-15	0.109	0.296	0.424	0.68	2.5	PASS
TX-ANH	FM	CH _{M2}	-10	0.159	0.499	0.719	1.169	2.5	PASS
TX-ANH	FM	CH _{M2}	-5	0.254	0.854	1.252	2.048	2.5	PASS
TX-ANH	FM	CH _{M2}	0	0.423	1.476	2.185	2.171	2.5	PASS
TX-ANH	FM	CH _{M2}	5	0.738	2.151	2.192	2.167	2.5	PASS
TX-ANH	FM	CH _{M2}	10	1.275	2.157	2.191	2.168	2.5	PASS
TX-ANH	FM	CH _{M2}	15	2.132	2.153	2.203	2.168	2.5	PASS
TX-ANH	FM	CH _{M2}	20	2.138	2.157	2.188	2.17	2.5	PASS



Appendix D:Modulation Limit

TEST PLOT RESULT



**Appendix E:Aduio Frequency Response**

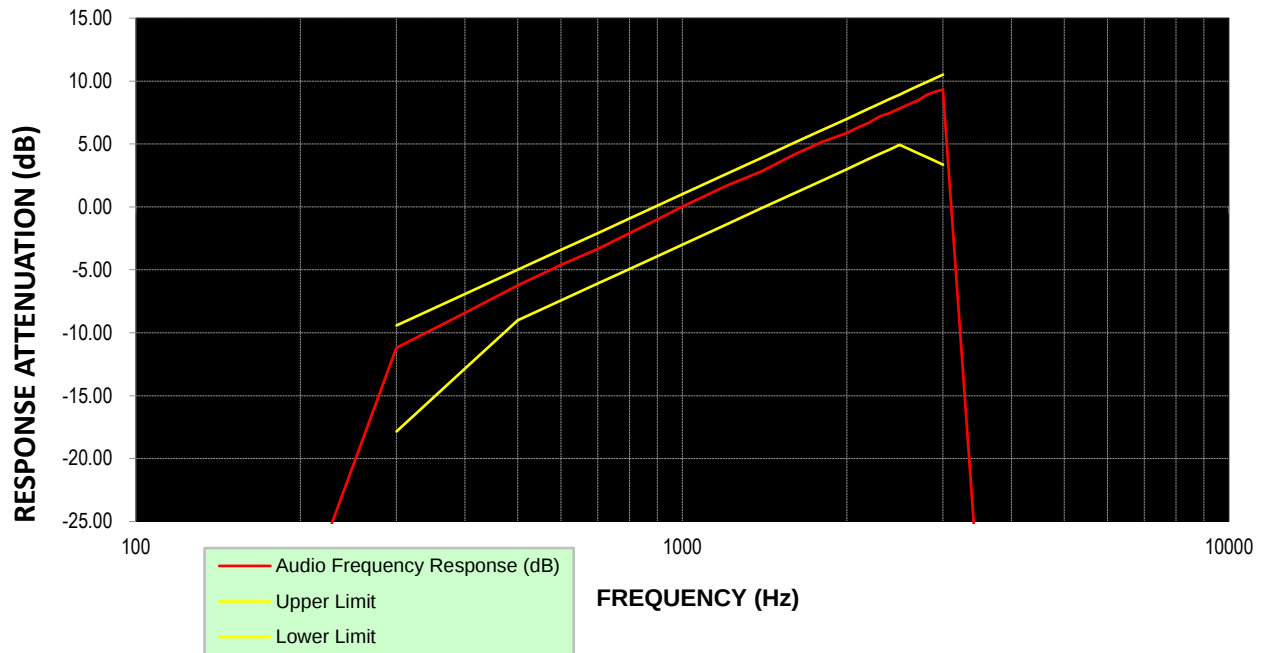
Operation Mode	Modulation Type	Test Channel	Frequency (Hz)	Audio Frequency Response (dB)	Lower Limit	Upper Limit	Result
TX-ANH	FM	CH _{M2}	100	-32.12			PASS
TX-ANH	FM	CH _{M2}	200	-31.96			PASS
TX-ANH	FM	CH _{M2}	300	-11.20	-17.84	-9.42	PASS
TX-ANH	FM	CH _{M2}	400	-8.41	-12.86	-6.93	PASS
TX-ANH	FM	CH _{M2}	500	-6.24	-9.00	-5.00	PASS
TX-ANH	FM	CH _{M2}	600	-4.60	-7.42	-3.42	PASS
TX-ANH	FM	CH _{M2}	700	-3.34	-6.09	-2.09	PASS
TX-ANH	FM	CH _{M2}	800	-2.10	-4.93	-0.93	PASS
TX-ANH	FM	CH _{M2}	900	-1.01	-3.91	0.09	PASS
TX-ANH	FM	CH _{M2}	1000	0.01	-3.00	1.00	PASS
TX-ANH	FM	CH _{M2}	1200	1.66	-1.42	2.58	PASS
TX-ANH	FM	CH _{M2}	1400	2.85	-0.09	3.91	PASS
TX-ANH	FM	CH _{M2}	1600	4.13	1.07	5.07	PASS
TX-ANH	FM	CH _{M2}	1800	5.15	2.09	6.09	PASS
TX-ANH	FM	CH _{M2}	2000	5.86	3.00	7.00	PASS
TX-ANH	FM	CH _{M2}	2100	6.32	3.42	7.42	PASS
TX-ANH	FM	CH _{M2}	2200	6.70	3.83	7.83	PASS
TX-ANH	FM	CH _{M2}	2300	7.19	4.21	8.21	PASS
TX-ANH	FM	CH _{M2}	2400	7.47	4.58	8.58	PASS
TX-ANH	FM	CH _{M2}	2500	7.84	4.93	8.93	PASS
TX-ANH	FM	CH _{M2}	2600	8.15	4.59	9.27	PASS
TX-ANH	FM	CH _{M2}	2700	8.47	4.27	9.60	PASS
TX-ANH	FM	CH _{M2}	2800	8.89	3.95	9.91	PASS
TX-ANH	FM	CH _{M2}	2900	9.16	3.65	10.22	PASS
TX-ANH	FM	CH _{M2}	3000	9.33	3.35	10.51	PASS
TX-ANH	FM	CH _{M2}	3500	-31.83			PASS
TX-ANH	FM	CH _{M2}	4000	-31.98			PASS
TX-ANH	FM	CH _{M2}	4500	-32.14			PASS
TX-ANH	FM	CH _{M2}	5000	-31.92			PASS



Appendix E:Aduio Frequency Response

TEST PLOT RESULT

Aduio Freqecncy Response For 12.5kHz



**Appendix F:Frequency Stability Test & Temperature**

Operation Mode	Modulation Type	Test Conditions		Frequency error (ppm)			Limit (ppm)	Result
		Voltage	Temperature	CH _L	CH _{M2}	CH _H		
TX-DNH	4FSK	V _N	-30	0.022	0.021	0.015	±5.0	PASS
TX-DNH	4FSK	V _N	-20	0.019	0.021	0.024	±5.0	PASS
TX-DNH	4FSK	V _N	-10	0.018	0.018	0.023	±5.0	PASS
TX-DNH	4FSK	V _N	0	0.014	0.019	0.019	±5.0	PASS
TX-DNH	4FSK	V _N	10	0.026	0.015	0.018	±5.0	PASS
TX-DNH	4FSK	V _N	20	0.004	0.012	0.014	±5.0	PASS
TX-DNH	4FSK	V _N	30	0.026	0.027	0.021	±5.0	PASS
TX-DNH	4FSK	V _N	40	0.016	0.022	0.024	±5.0	PASS
TX-DNH	4FSK	V _N	55	0.028	0.026	0.015	±5.0	PASS
TX-DNL	4FSK	V _N	-30	0.016	0.027	0.021	±5.0	PASS
TX-DNL	4FSK	V _N	-20	0.024	0.025	0.024	±5.0	PASS
TX-DNL	4FSK	V _N	-10	0.027	0.027	0.019	±5.0	PASS
TX-DNL	4FSK	V _N	0	0.016	0.017	0.027	±5.0	PASS
TX-DNL	4FSK	V _N	10	0.027	0.023	0.027	±5.0	PASS
TX-DNL	4FSK	V _N	20	0.015	0.023	0.014	±5.0	PASS
TX-DNL	4FSK	V _N	30	0.018	0.026	0.021	±5.0	PASS
TX-DNL	4FSK	V _N	40	0.027	0.023	0.021	±5.0	PASS
TX-DNL	4FSK	V _N	55	0.019	0.019	0.025	±5.0	PASS
TX-ANH	FM	V _N	-30	0.154	0.173	0.179	±5.0	PASS
TX-ANH	FM	V _N	-20	0.175	0.178	0.201	±5.0	PASS
TX-ANH	FM	V _N	-10	0.201	0.204	0.149	±5.0	PASS
TX-ANH	FM	V _N	0	0.216	0.187	0.159	±5.0	PASS
TX-ANH	FM	V _N	10	0.172	0.181	0.14	±5.0	PASS
TX-ANH	FM	V _N	20	0.149	0.248	0.234	±5.0	PASS
TX-ANH	FM	V _N	30	0.143	0.14	0.176	±5.0	PASS
TX-ANH	FM	V _N	40	0.178	0.17	0.179	±5.0	PASS
TX-ANH	FM	V _N	55	0.151	0.186	0.214	±5.0	PASS
TX-ANL	FM	V _N	-30	0.159	0.164	0.219	±5.0	PASS
TX-ANL	FM	V _N	-20	0.219	0.183	0.206	±5.0	PASS
TX-ANL	FM	V _N	-10	0.145	0.186	0.162	±5.0	PASS
TX-ANL	FM	V _N	0	0.166	0.15	0.16	±5.0	PASS
TX-ANL	FM	V _N	10	0.206	0.156	0.204	±5.0	PASS
TX-ANL	FM	V _N	20	0.226	0.27	0.222	±5.0	PASS
TX-ANL	FM	V _N	30	0.159	0.201	0.158	±5.0	PASS
TX-ANL	FM	V _N	40	0.193	0.143	0.177	±5.0	PASS
TX-ANL	FM	V _N	55	0.189	0.146	0.211	±5.0	PASS

**Appendix F:Frequency Stability Test & Voltage**

Operation Mode	Modulation Type	Test Conditions		Frequency error (ppm)			Limit (ppm)	Result
		Voltage	Temperature	CH _L	CH _{M2}	CH _H		
TX-DNH	4FSK	V _N	T _N	0.004	0.012	0.014	±5.0	PASS
TX-DNH	4FSK	V _L	T _N	0.007	0.014	0.024	±5.0	PASS
TX-DNH	4FSK	V _H	T _N	0.005	0.004	0.012	±5.0	PASS
TX-DNL	4FSK	V _N	T _N	0.015	0.023	0.014	±5.0	PASS
TX-DNL	4FSK	V _L	T _N	0.008	0.013	0.014	±5.0	PASS
TX-DNL	4FSK	V _H	T _N	0.023	0.013	0.02	±5.0	PASS
TX-ANH	FM	V _N	T _N	0.149	0.248	0.234	±5.0	PASS
TX-ANH	FM	V _L	T _N	0.197	0.155	0.186	±5.0	PASS
TX-ANH	FM	V _H	T _N	0.167	0.181	0.173	±5.0	PASS
TX-ANL	FM	V _N	T _N	0.226	0.27	0.222	±5.0	PASS
TX-ANL	FM	V _L	T _N	0.195	0.219	0.169	±5.0	PASS
TX-ANL	FM	V _H	T _N	0.209	0.149	0.197	±5.0	PASS



Appendix G:Transmitter Frequency Behavior

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-DNH	4FSK	CH _{M2}	MultiViewSpectrumAnalog Demod Ref Level 37.00 dBm Offset 27.00 dB Att 20 dB AQT 100 ms DBW 25 kHz Freq 155.0125 MHz TRG: JFSK (17MHz) YIG Bypass 1 FM Time Domain

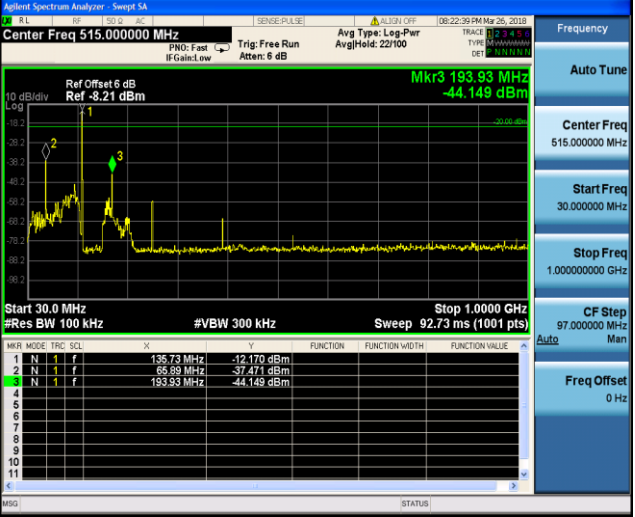
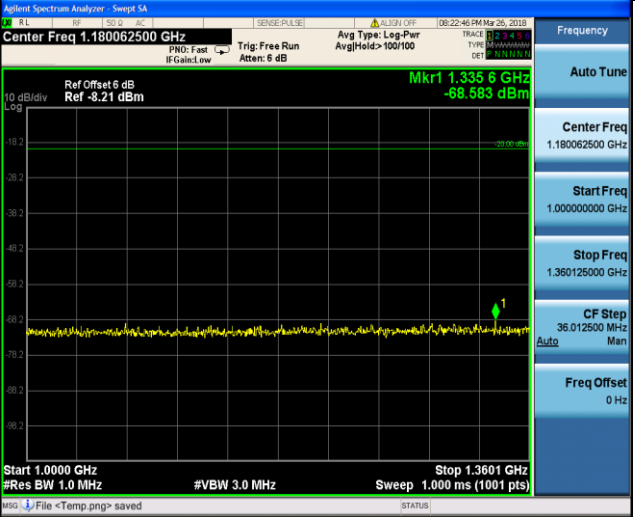
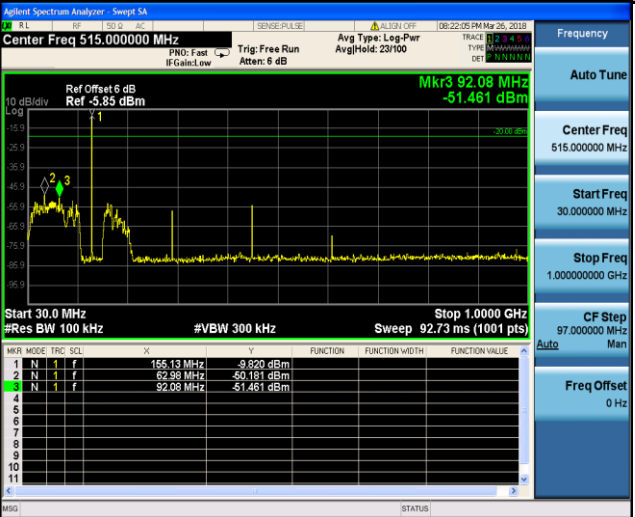


Appendix G:Transmitter Frequency Behavior

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																				
TX-ANH	FM	CH _{M2}	MultViewSpectrumAnalog Demod Ref Level 37.00 dBm Offset 27.00 dB Att 20 dB AQT 100 ms DBW 25 kHz Freq 155.0125 MHz TRG: JFSK (17MHz) VSG Bypass 1 FM Time Domain 12.5 kHz 9.375 kHz 6.25 kHz 3.125 kHz 0 kHz -3.125 kHz -6.25 kHz -9.375 kHz -12.5 kHz Start -90.0 ms 1001 pts 10.0 ms 4 Result Summary <table><tr><th></th><th>Carrier Power</th><th>35.53 dBm</th><th>Carrier Offset</th><th>22.01 Hz</th><th>SINAD</th><th>THD</th></tr><tr><td>FM</td><td>+Peak</td><td>12.002 kHz</td><td>-Peak</td><td>-12.04 kHz</td><td>+Peak/2</td><td>12.021 kHz</td><td>RMS</td><td>2.748 kHz</td><td>Mod. Freq.</td><td>---</td><td>---</td><td>---</td></tr></table> Analog Demod: Waiting for Trigger... Measuring... 26.03.2018 11:04:52 Date: 26.MAR.2018 11:04:51 ON-OFF		Carrier Power	35.53 dBm	Carrier Offset	22.01 Hz	SINAD	THD	FM	+Peak	12.002 kHz	-Peak	-12.04 kHz	+Peak/2	12.021 kHz	RMS	2.748 kHz	Mod. Freq.	---	---	---
	Carrier Power	35.53 dBm	Carrier Offset	22.01 Hz	SINAD	THD																	
FM	+Peak	12.002 kHz	-Peak	-12.04 kHz	+Peak/2	12.021 kHz	RMS	2.748 kHz	Mod. Freq.	---	---	---											

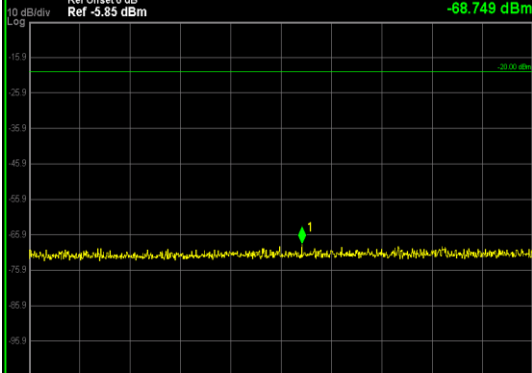
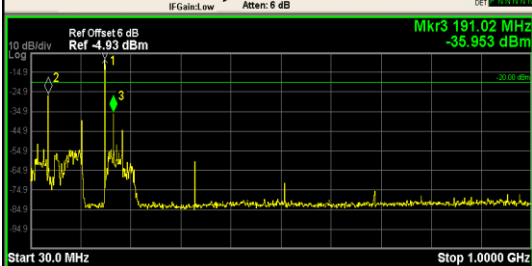
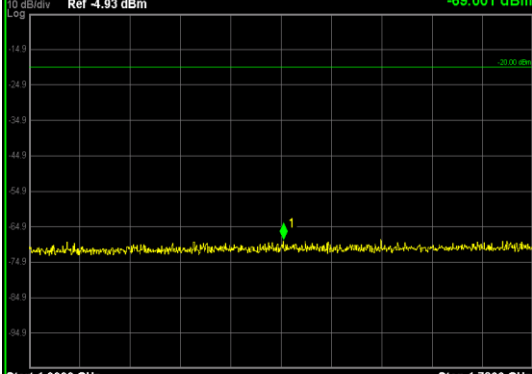


Appendix H:Spurious Emission On Antenna Port

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-DNH	4FSK	CH _L	 Agilent Spectrum Analyzer - Sweep SA Center Freq 515.000000 MHz Ref Offset 6 dB Ref -8.21 dBm Mkr3 193.93 MHz -44.149 dBm Start 30.0 MHz #Res BW 100 kHz #VBW 300 kHz Stop 1.0000 GHz Sweep 92.73 ms (1001 pts) Mkr MODE TRG SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE 1 N 1 f 135.73 MHz -12.170 dBm 2 N 1 f 65.89 MHz -37.471 dBm 3 N 1 f 193.93 MHz -44.149 dBm MSG: File <Temp.png> saved STATUS 30MHz~1GHz
TX-DNH	4FSK	CH _L	 Agilent Spectrum Analyzer - Sweep SA Center Freq 1.180062500 GHz Ref Offset 6 dB Ref -8.21 dBm Mkr1 1.335 6 GHz -68.583 dBm Start 1.0000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Stop 1.3601 GHz Sweep 1.000 ms (1001 pts) MSG: File <Temp.png> saved STATUS 1GHz~10th Harmonic
TX-DNH	4FSK	CH _{M2}	 Agilent Spectrum Analyzer - Sweep SA Center Freq 515.000000 MHz Ref Offset 6 dB Ref -5.85 dBm Mkr3 92.08 MHz -51.461 dBm Start 30.0 MHz #Res BW 100 kHz #VBW 300 kHz Stop 1.0000 GHz Sweep 92.73 ms (1001 pts) Mkr MODE TRG SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE 1 N 1 f 155.43 MHz -9.820 dBm 2 N 1 f 62.98 MHz -50.181 dBm 3 N 1 f 92.08 MHz -51.461 dBm MSG: File <Temp.png> saved STATUS 30MHz~1GHz

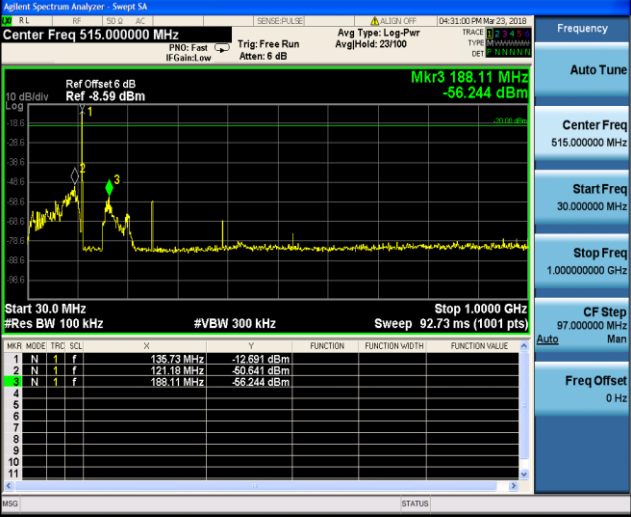
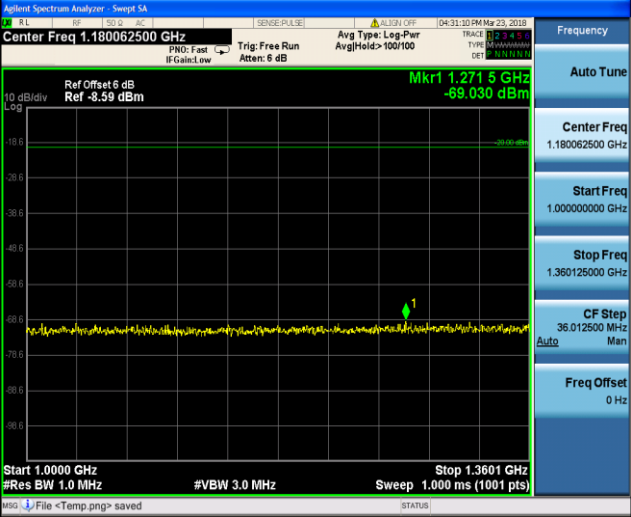
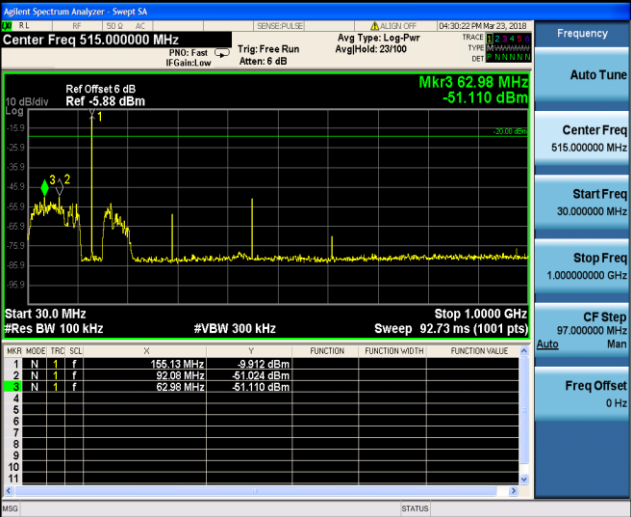


Appendix H:Spurious Emission On Antenna Port

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-DNH	4FSK	CH _{M2}	Agilent Spectrum Analyzer - Sweep SA Center Freq 1.275062500 GHz Ref Offset 5 dB Ref -5.85 dBm 10 dB/div Log  Start 1.0000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Stop 1.5501 GHz Sweep 1.000 ms (1001 pts) Frequency Auto Tune Center Freq 1.275062500 GHz Start Freq 1.000000000 GHz Stop Freq 1.550125000 GHz CF Step 55.012500 MHz Auto Man Freq Offset 0 Hz 1GHz~10th Harmonic
TX-DNH	4FSK	CH _H	Agilent Spectrum Analyzer - Sweep SA Center Freq 515.000000 MHz Ref Offset 5 dB Ref -4.93 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) 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 30MHz~1GHz
TX-DNH	4FSK	CH _H	Agilent Spectrum Analyzer - Sweep SA Center Freq 1.369937500 GHz Ref Offset 5 dB Ref -4.93 dBm 10 dB/div Log  Start 1.0000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Stop 1.7399 GHz Sweep 1.000 ms (1001 pts) Frequency Auto Tune Center Freq 1.369937500 GHz Start Freq 1.000000000 GHz Stop Freq 1.739875000 GHz CF Step 73.987500 MHz Auto Man Freq Offset 0 Hz 1GHz~10th Harmonic

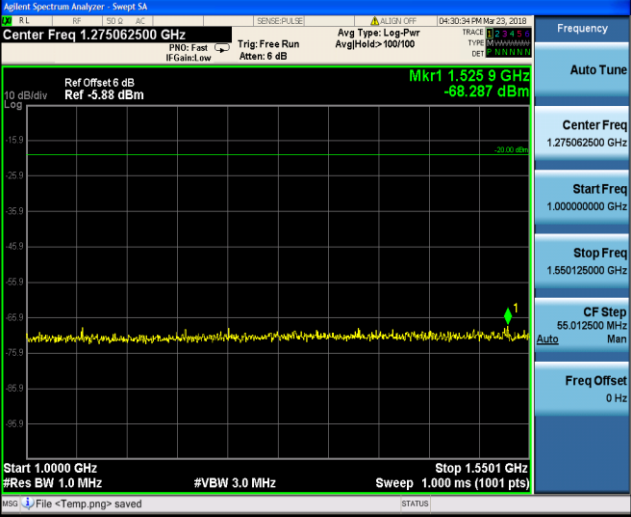
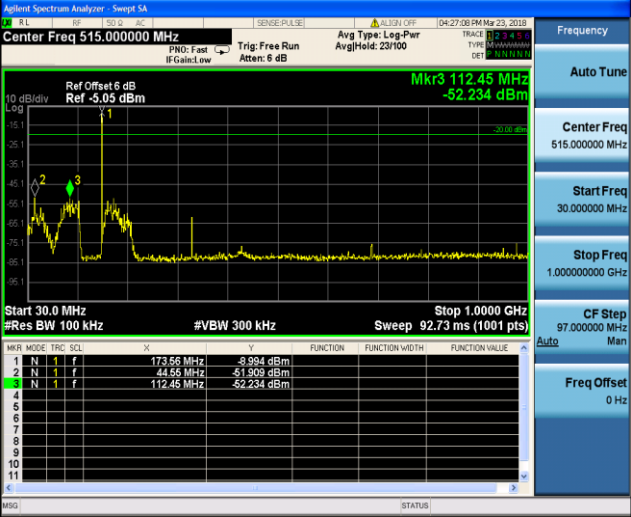
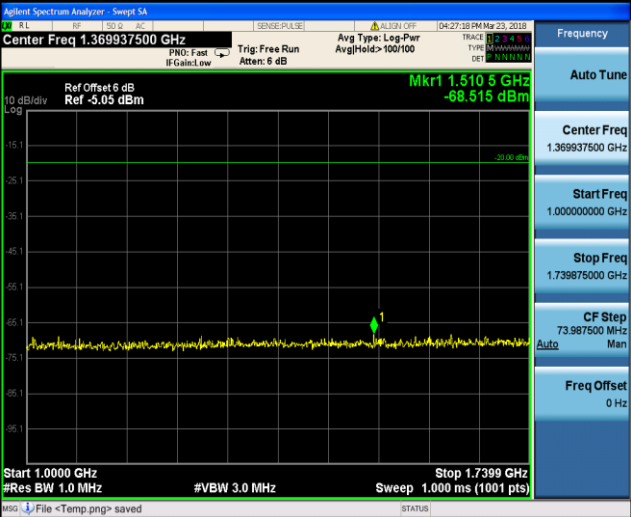


Appendix H:Spurious Emission On Antenna Port

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-ANH	FM	CH _L	 30MHz~1GHz
TX-ANH	FM	CH _L	 1GHz~10th Harmonic
TX-ANH	FM	CH _{M2}	 30MHz~1GHz



Appendix H:Spurious Emission On Antenna Port

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-ANH	FM	CH _{M2}	 1GHz~10th Harmonic
TX-ANH	FM	CH _H	 30MHz~1GHz
TX-ANH	FM	CH _H	 1GHz~10th Harmonic

----End of Report----