

**Appendix A:Maximum Transmitter Power**

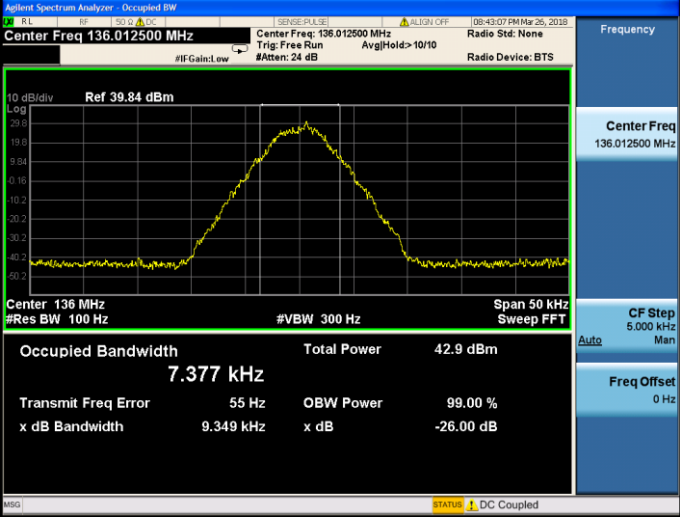
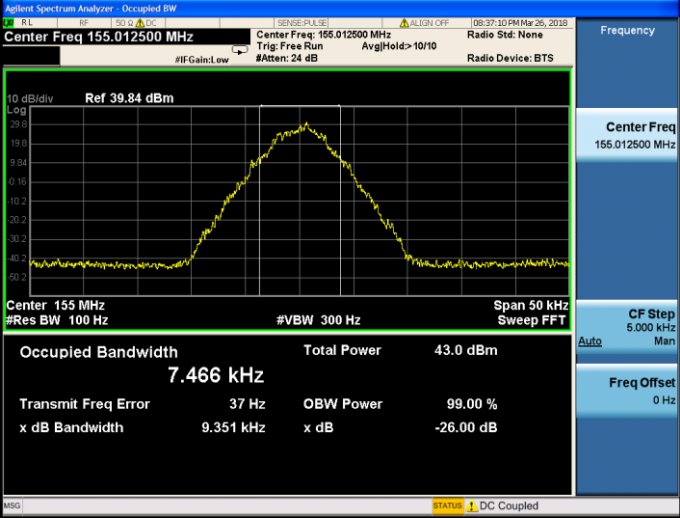
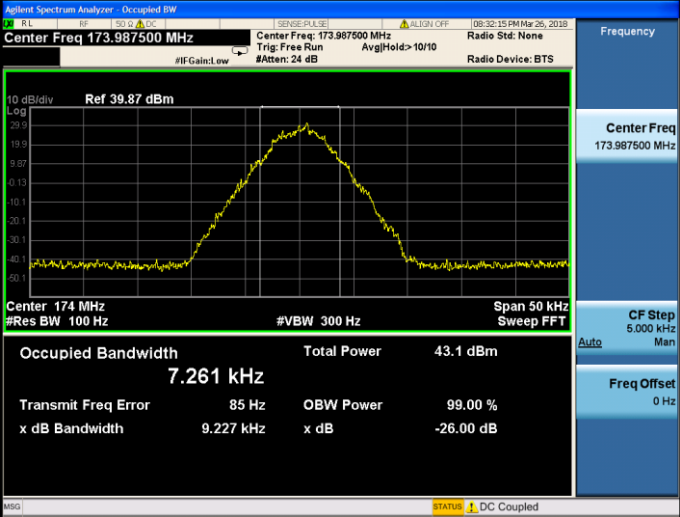
Operation Mode	Modulation Type	Test Channel	Measured Power(dBm)	Measured Power(W)	Rated Power(W)	Percentage (%)	Limit (%)	Result
TX-DNH	4FSK	CH _L	37.0	5.01	5.00	0.2	±20	PASS
TX-DNH	4FSK	CH _{M2}	36.9	4.90	5.00	-2.0	±20	PASS
TX-DNH	4FSK	CH _H	36.9	4.90	5.00	-2.0	±20	PASS
TX-DNL	4FSK	CH _L	30.7	1.17	1.00	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

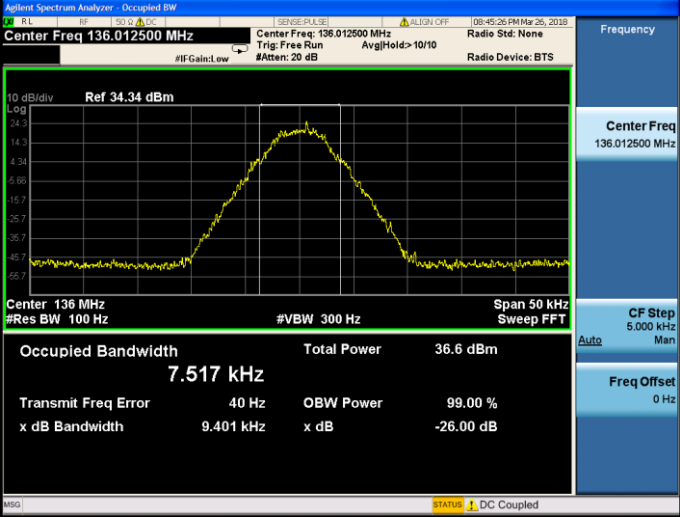
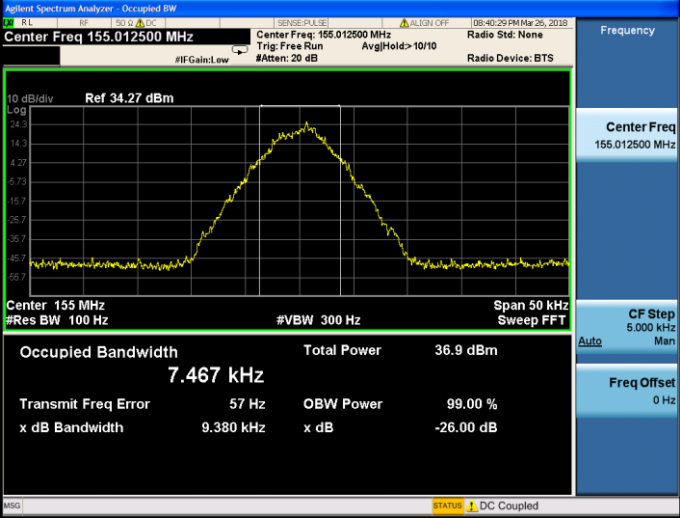
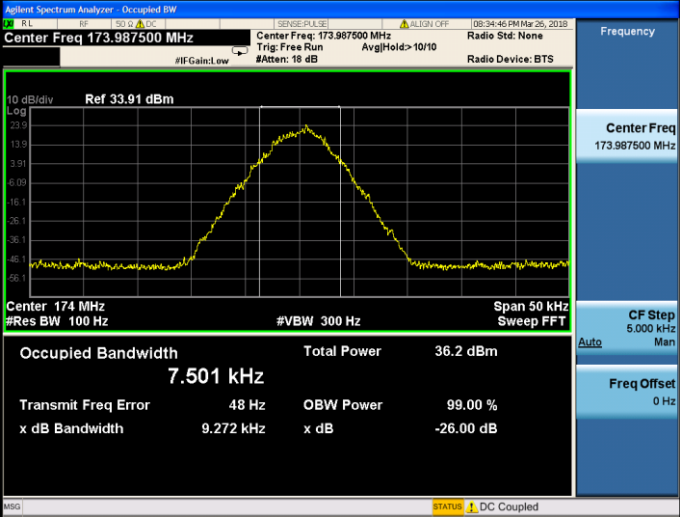


Appendix B:Occupied Bandwidth

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

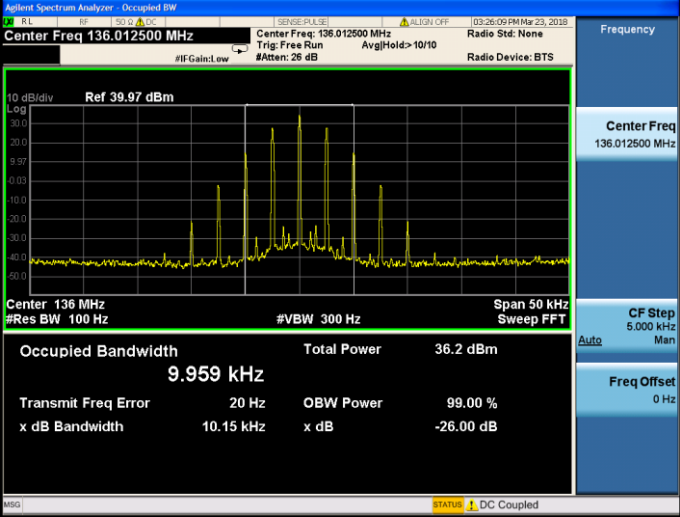
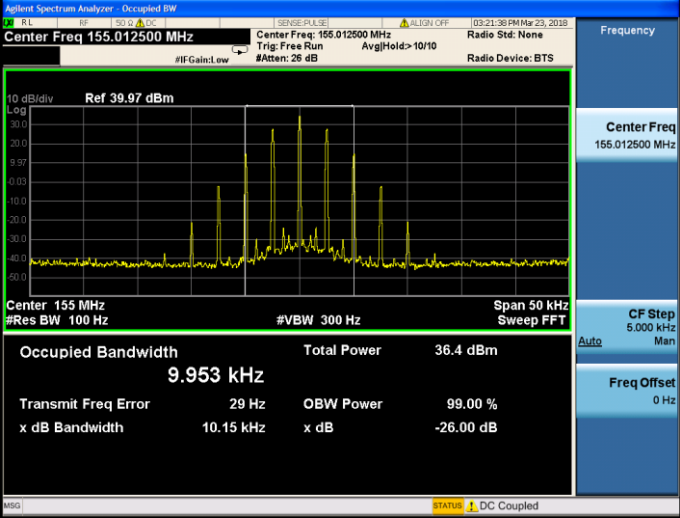
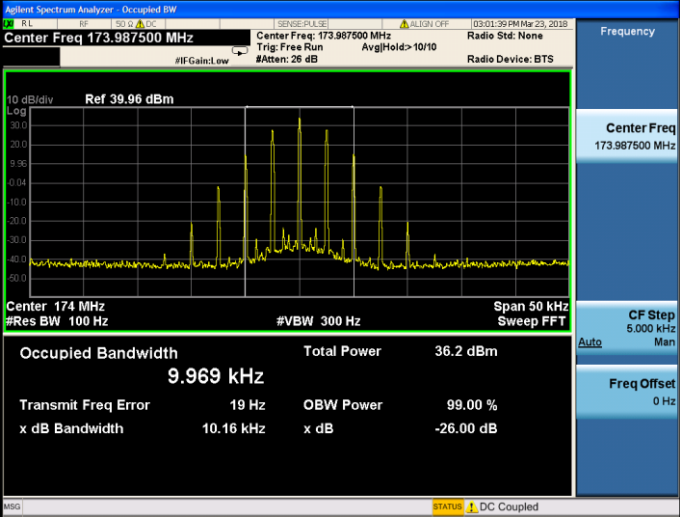


Appendix B:Occupied Bandwidth

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

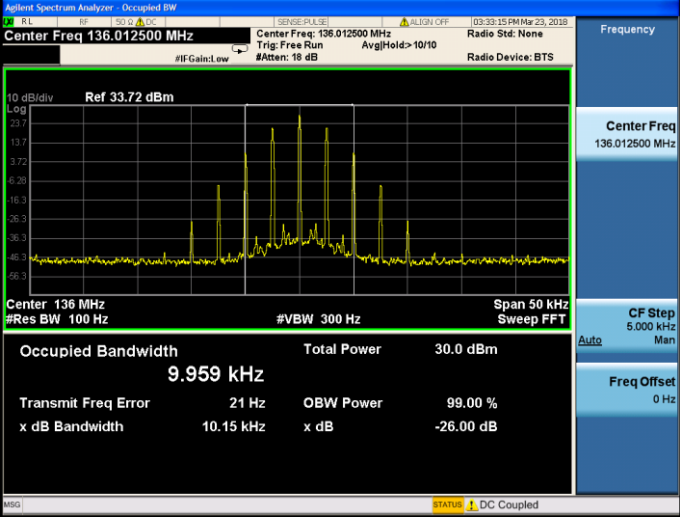
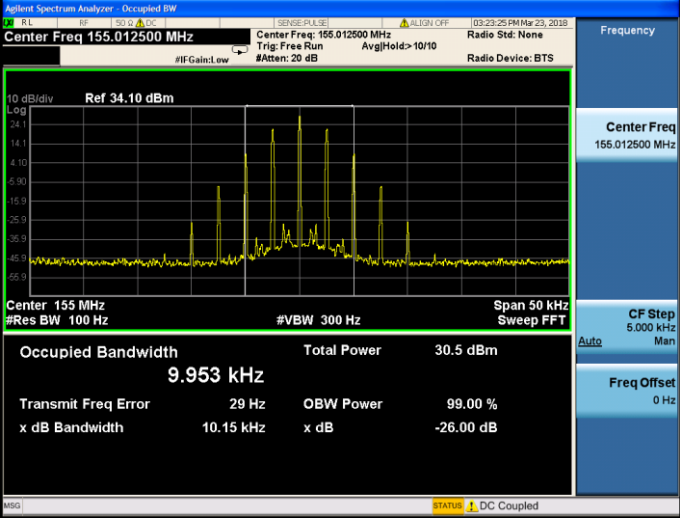
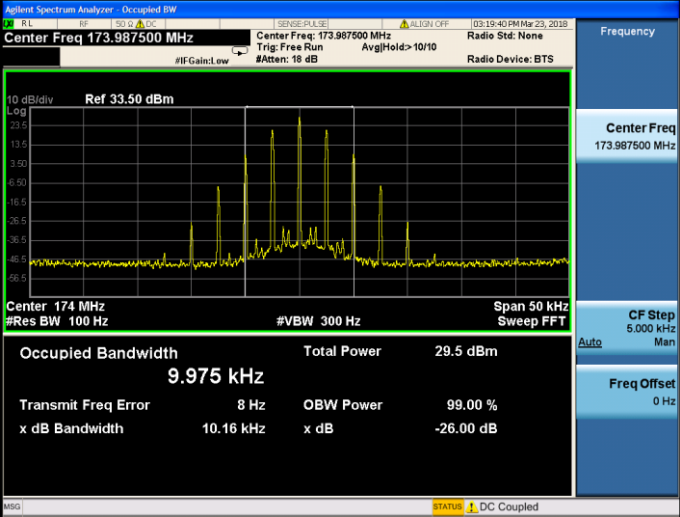


Appendix B:Occupied Bandwidth

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 #IF Gain: Low #Atten: 26 dB 10 dB/div Ref 39.97 dBm 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 Frequency Center Freq 136.012500 MHz CF Step 5.000 kHz Man Freq Offset 0 Hz 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 #IF Gain: Low #Atten: 26 dB 10 dB/div Ref 39.97 dBm 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 Frequency Center Freq 155.012500 MHz CF Step 5.000 kHz Man Freq Offset 0 Hz 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 #IF Gain: Low #Atten: 26 dB 10 dB/div Ref 39.96 dBm 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 Frequency Center Freq 173.987500 MHz CF Step 5.000 kHz Man Freq Offset 0 Hz 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 x dB -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 x dB -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 x dB -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 > 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></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></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></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> 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	5.625 kHz	12.50 kHz	100.0 Hz	-38.45	(-7.30)	-12.10 k	-39.23	(-7.36)	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	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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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 #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 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 > 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></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></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></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> 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	5.625 kHz	12.50 kHz	100.0 Hz	-36.67	(-4.07)	-12.30 k	-37.94	(-4.61)	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	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 _{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 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 155 MHz Span 120 kHz Total Power Ref 36.42 dBm 0.0125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>Peak > 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>35.84</td><td>(-0.51)</td><td>0.0</td><td>35.84</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>-38.58</td><td>(-6.31)</td><td>-12.25 k</td><td>-39.43</td><td>(-6.79)</td><td>12.30 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-39.15</td><td>(-19.15)</td><td>-12.95 k</td><td>-38.74</td><td>(-18.74)</td><td>13.00 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> msd File <MASK D.state> recalled STATUS 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	35.84	(-0.51)	0.0	35.84	(-0.51)	50.00	5.625 kHz	12.50 kHz	100.0 Hz	-38.58	(-6.31)	-12.25 k	-39.43	(-6.79)	12.30 k	12.50 kHz	60.00 kHz	100.0 Hz	-39.15	(-19.15)	-12.95 k	-38.74	(-18.74)	13.00 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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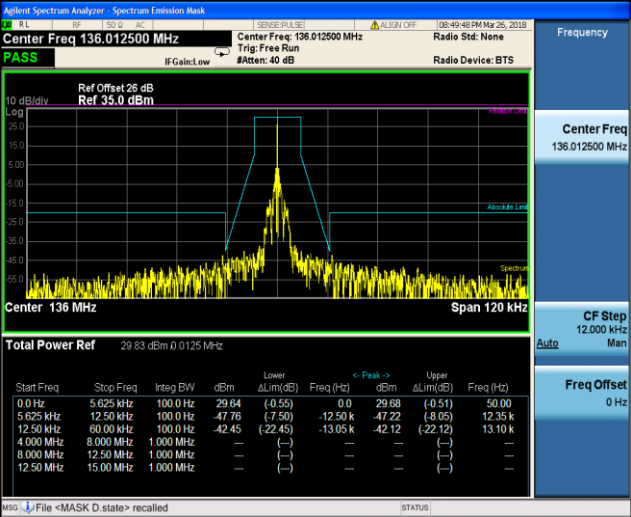
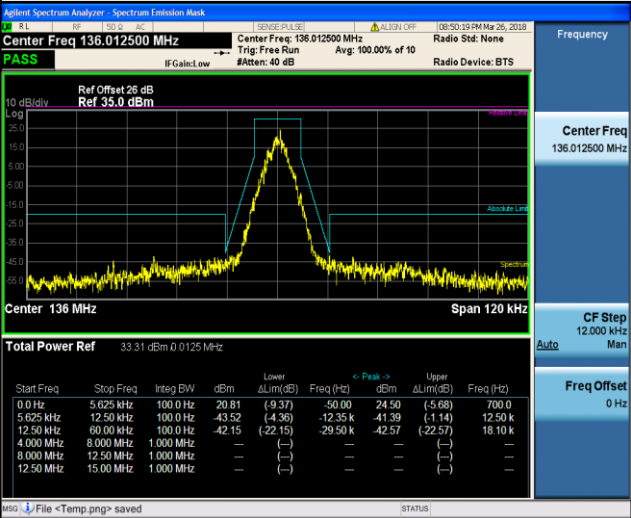
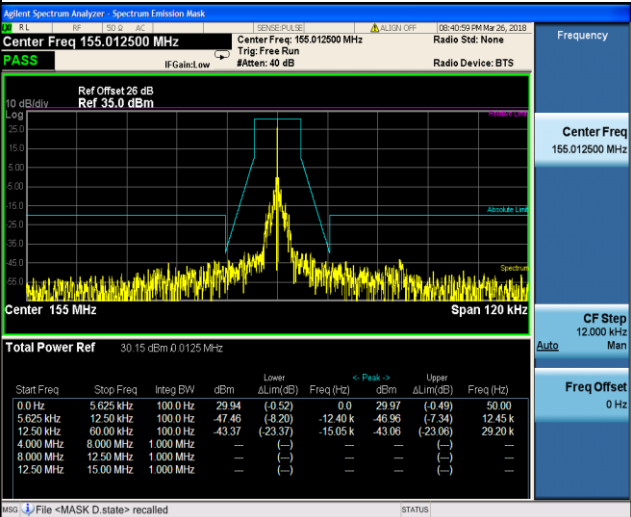


Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																															
TX-DNH	4FSK	CH _{M2}	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 155.012500 MHz Ref Offset 25 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 25 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 25 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)																																																										
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	—	(—)	—	—	(—)	—																																																										



Appendix C:Emission Mask

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



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 Ref Offset 25 dB Ref 35.0 dBm 10 dB/div Log 25.0 15.0 5.00 5.00 15.0 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	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	—	(—)	—	—	(—)	—																																																										
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
TX-DNL	4FSK	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 173.987500 MHz Ref Offset 26 dB Ref 35.0 dBm 10 dB/div Log 25.0 15.0 5.00 5.00 15.0 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	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)																																																										
0.0 Hz	5.625 kHz	100.0 Hz	29.46	(-0.42)	0.0	29.49	(-0.40)	50.00																																																										
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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 Ref Offset 25 dB Ref 35.0 dBm 10 dB/div Log 25.0 15.0 5.00 5.00 15.0 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	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 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 136 MHz Span 120 kHz Total Power Ref 36.61 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>35.96</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></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	—	(—)	—	—	(—)	—																																																										
8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
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 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 136 MHz Span 120 kHz Total Power Ref 36.50 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>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></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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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 _{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 36.60 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 > 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>35.95</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></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)																																																										
0.0 Hz	5.625 kHz	100.0 Hz	35.95	(-0.54)	0.0	35.95	(-0.54)	0.0																																																										
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4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										



Appendix C:Emission Mask

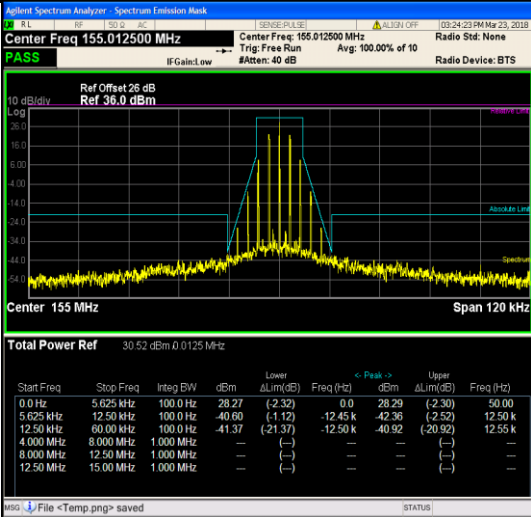
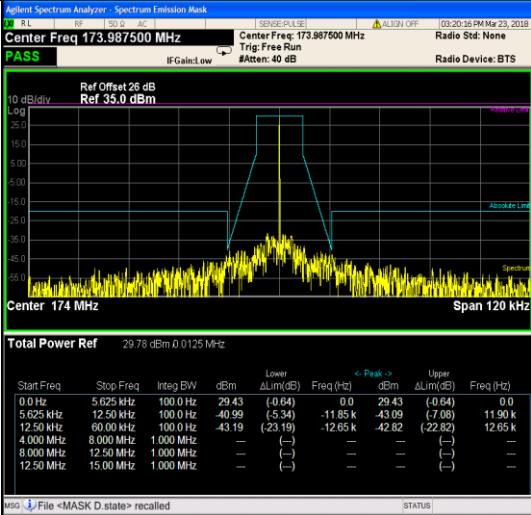
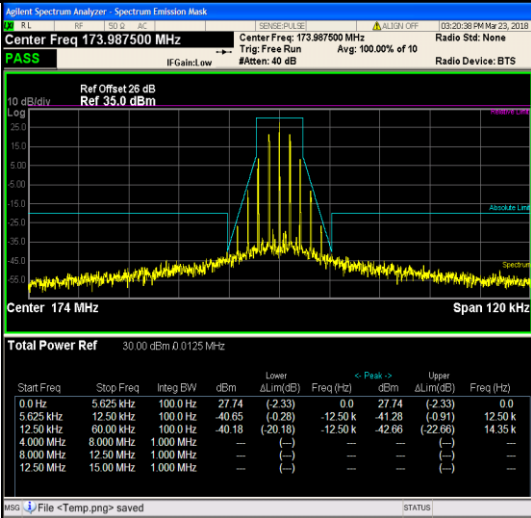
Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																															
TX-ANH	FM	CH _{M2}	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 155.012500 MHz Ref Offset 26 dB Ref 41.0 dBm 10 dB/div Log 31.0 21.0 11.0 0.0 -9.0 -19.0 -29.0 -39.0 -49.0 Center 155 MHz Span 120 kHz Total Power Ref 36.50 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>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></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	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)																																																										
0.0 Hz	5.625 kHz	100.0 Hz	34.31	(-2.18)	0.0	34.31	(-2.18)	0.0																																																										
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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 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 36.51 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>35.86</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></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	35.86	(-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)																																																										
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TX-ANH	FM	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 36.47 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>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></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	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	—	(—)	—	—	(—)	—																																																										
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Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																															
TX-ANL	FM	CH _L	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 136.012500 MHz Trig: Free Run IF Gain: Low #Atten: 40 dB Radio Std: None Radio Device: BTS 03:50:35 PM Mar 23, 2018 10 dB/div Log Ref Offset 26 dB Ref 35.0 dBm 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)																																																										
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	—	(—)	—	—	(—)	—																																																										
TX-ANL	FM	CH _L	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 136.012500 MHz Trig: Free Run IF Gain: Low Avg: 100.00% of 10 #Atten: 40 dB Radio Std: None Radio Device: BTS 03:50:36 PM Mar 23, 2018 10 dB/div Log Ref Offset 26 dB Ref 35.0 dBm 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	—	(—)	—	—	(—)	—
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	—	(—)	—	—	(—)	—																																																										
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 03:24:03 PM Mar 23, 2018 10 dB/div Log Ref Offset 26 dB Ref 36.0 dBm 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>(-6.96)</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	(-6.96)	-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)																																																										
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	(-6.96)	-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	—	(—)	—	—	(—)	—																																																										



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	

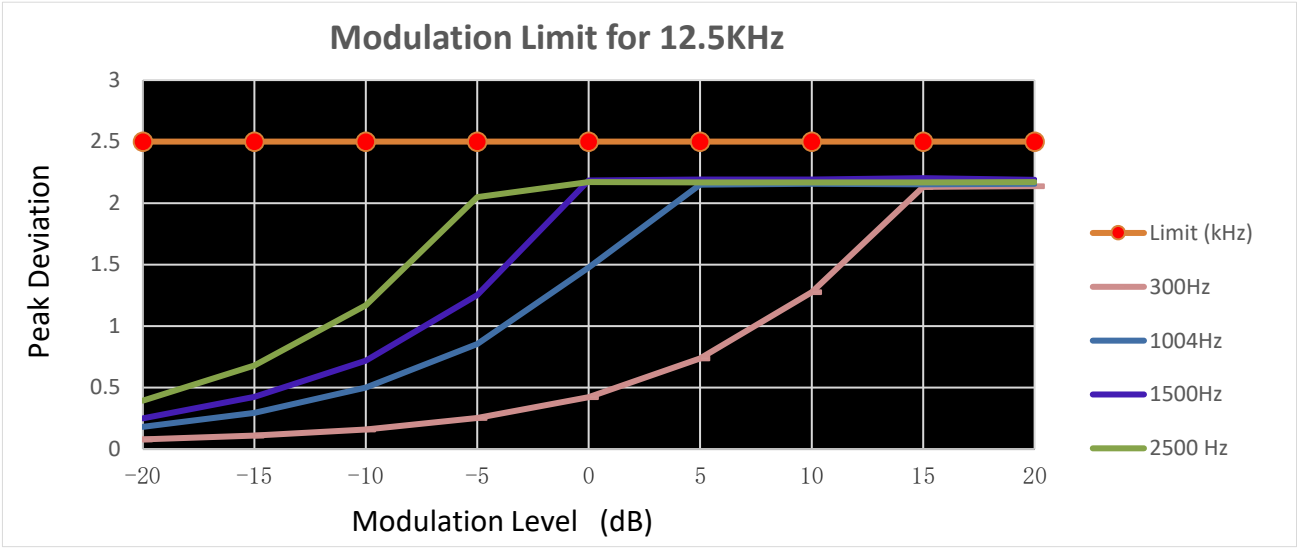
**Appendix D:Modulation Limit**

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**

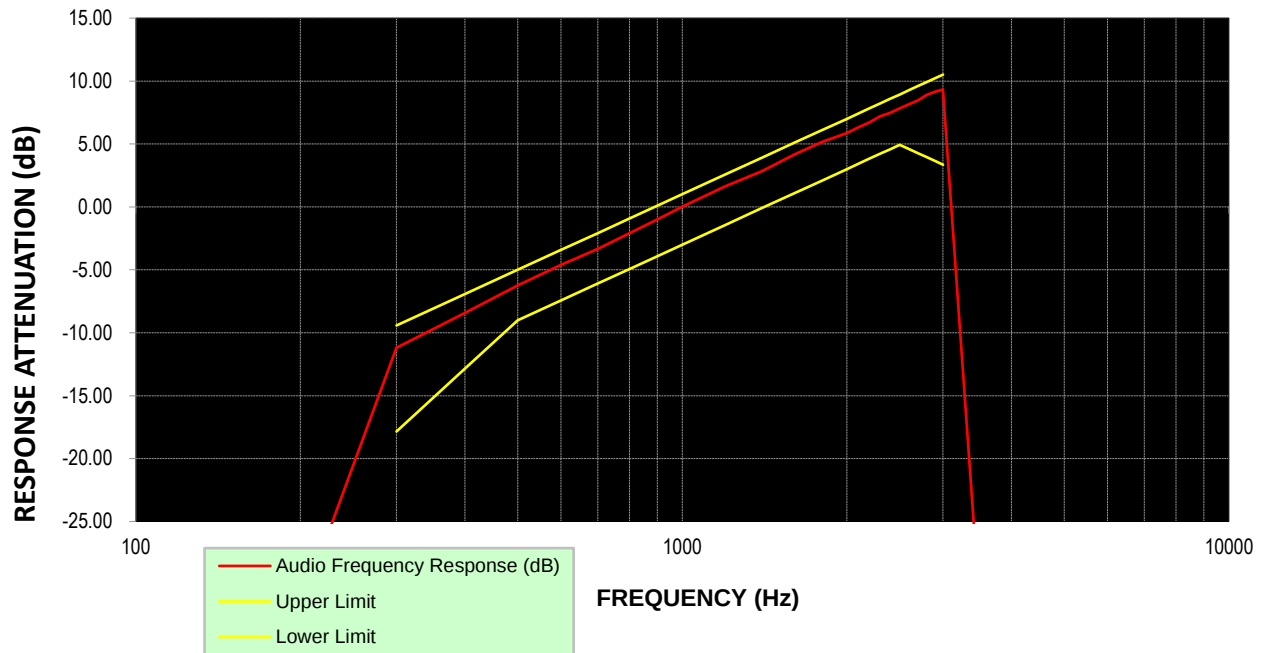
Operation Mode	Modulation Type	Test Channel	Frequency (Hz)	Audio Frequency Response (dB)	Lower Limit	Upper Limit	Result
TX-ANH	FM	CH _{M2}	100	-32.12			PASS
TX-ANH	FM	CH _{M2}	200	-31.96			PASS
TX-ANH	FM	CH _{M2}	300	-11.20	-17.84	-9.42	PASS
TX-ANH	FM	CH _{M2}	400	-8.41	-12.86	-6.93	PASS
TX-ANH	FM	CH _{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**

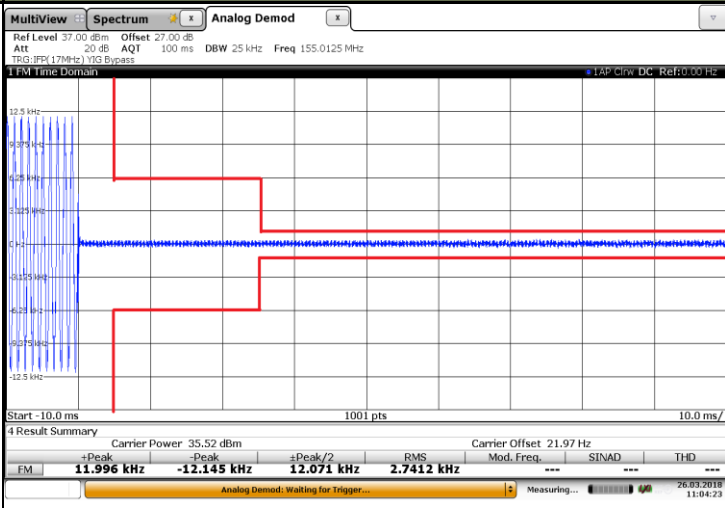
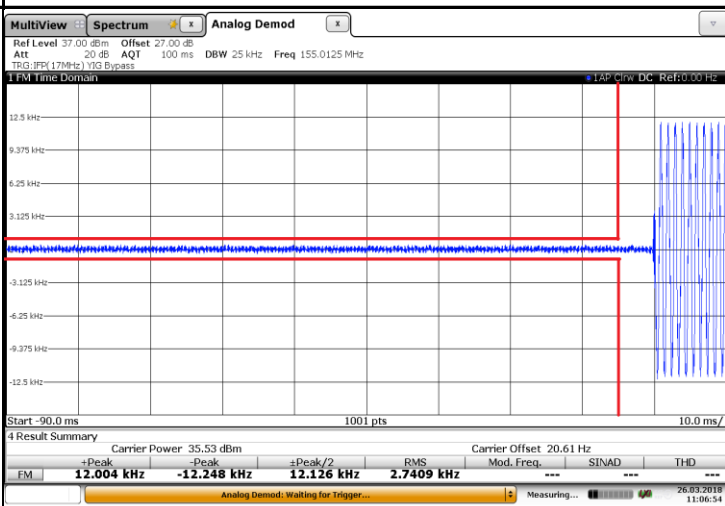
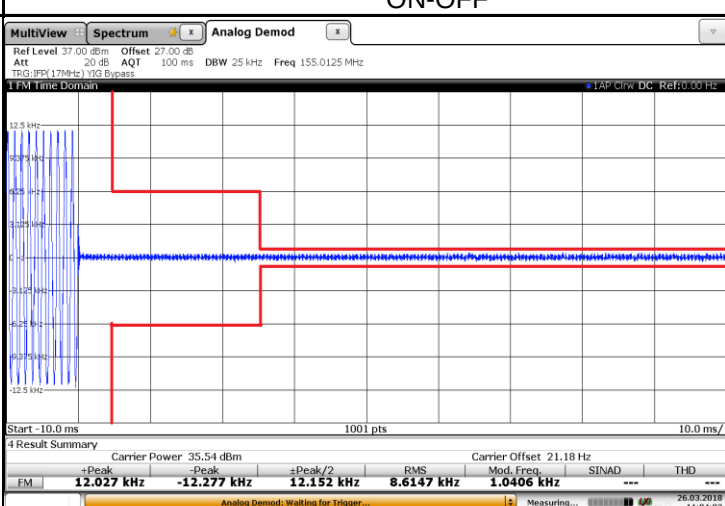
Operation Mode	Modulation Type	Test Conditions		Frequency error (ppm)			Limit (ppm)	Result
		Voltage	Temperature	CH _L	CH _{M2}	CH _H		
TX-DNH	4FSK	V _N	-30	0.022	0.021	0.015	±5.0	PASS
TX-DNH	4FSK	V _N	-20	0.019	0.021	0.024	±5.0	PASS
TX-DNH	4FSK	V _N	-10	0.018	0.018	0.023	±5.0	PASS
TX-DNH	4FSK	V _N	0	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 IAP Clw DC Ref: 0.00 Hz  Start -10.0 ms 1001 pts 10.0 ms/ 4 Result Summary <table><tr><th></th><th>Carrier Power</th><th>Carrier Offset</th><th>Mod. Freq.</th><th>SINAD</th><th>THD</th></tr><tr><td>FM</td><td>35.52 dBm</td><td>21.97 Hz</td><td>155.0125 MHz</td><td>---</td><td>---</td></tr></table> Carrier Power 35.52 dBm Carrier Offset 21.97 Hz Mod. Freq. 155.0125 MHz SINAD --- THD --- FM 11.996 kHz -12.145 kHz 12.071 kHz 2.7412 kHz Analog Demod: Waiting for Trigger... Measuring... 26.03.2018 11:04:23 Date: 26.MAR.2018 11:04:24 OFF-ON		Carrier Power	Carrier Offset	Mod. Freq.	SINAD	THD	FM	35.52 dBm	21.97 Hz	155.0125 MHz	---	---
	Carrier Power	Carrier Offset	Mod. Freq.	SINAD	THD										
FM	35.52 dBm	21.97 Hz	155.0125 MHz	---	---										
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 IAP Clw DC Ref: 0.00 Hz  Start -90.0 ms 1001 pts 10.0 ms/ 4 Result Summary <table><tr><th></th><th>Carrier Power</th><th>Carrier Offset</th><th>Mod. Freq.</th><th>SINAD</th><th>THD</th></tr><tr><td>FM</td><td>35.53 dBm</td><td>20.61 Hz</td><td>155.0125 MHz</td><td>---</td><td>---</td></tr></table> Carrier Power 35.53 dBm Carrier Offset 20.61 Hz Mod. Freq. 155.0125 MHz SINAD --- THD --- FM 12.004 kHz -12.248 kHz 12.126 kHz 2.7409 kHz Analog Demod: Waiting for Trigger... Measuring... 26.03.2018 11:06:54 Date: 26.MAR.2018 11:06:54 ON-OFF		Carrier Power	Carrier Offset	Mod. Freq.	SINAD	THD	FM	35.53 dBm	20.61 Hz	155.0125 MHz	---	---
	Carrier Power	Carrier Offset	Mod. Freq.	SINAD	THD										
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TX-ANH	FM	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 IAP Clw DC Ref: 0.00 Hz  Start -10.0 ms 1001 pts 10.0 ms/ 4 Result Summary <table><tr><th></th><th>Carrier Power</th><th>Carrier Offset</th><th>Mod. Freq.</th><th>SINAD</th><th>THD</th></tr><tr><td>FM</td><td>35.54 dBm</td><td>21.18 Hz</td><td>155.0125 MHz</td><td>---</td><td>---</td></tr></table> Carrier Power 35.54 dBm Carrier Offset 21.18 Hz Mod. Freq. 155.0125 MHz SINAD --- THD --- FM 12.027 kHz -12.277 kHz 12.152 kHz 8.6147 kHz 1.0406 kHz Analog Demod: Waiting for Trigger... Measuring... 26.03.2018 11:04:03 Date: 26.MAR.2018 11:04:03 OFF-ON		Carrier Power	Carrier Offset	Mod. Freq.	SINAD	THD	FM	35.54 dBm	21.18 Hz	155.0125 MHz	---	---
	Carrier Power	Carrier Offset	Mod. Freq.	SINAD	THD										
FM	35.54 dBm	21.18 Hz	155.0125 MHz	---	---										



Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT													
TX-ANH	FM	CH _{M2}	MultiView Spectrum Analog Demod Ref Level 37.00 dBm Offset 27.00 dB Att 20 dB AQT 100 ms DBW 25 kHz Freq 155.0125 MHz TRIG: FPI (17 MHz) 100 Bps 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 border="1"> <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>35.53 dBm</td> <td>22.01 Hz</td> <td>12.002 kHz</td> <td>-12.04 kHz</td> <td>12.021 kHz</td> <td>2.748 kHz</td> </tr> </tbody> </table> Analog Demod: Waiting for Trigger... Measuring... Date: 26.MAR.2018 11:04:51 ON-OFF		Carrier Power	Carrier Offset	Mod. Freq.	SINAD	THD	FM	35.53 dBm	22.01 Hz	12.002 kHz	-12.04 kHz	12.021 kHz	2.748 kHz
	Carrier Power	Carrier Offset	Mod. Freq.	SINAD	THD											
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Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																				
TX-DNH	4FSK	CH _L	Center Freq 515.000000 MHz Ref Offset 6 dB Ref -3.21 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) <table border="1"> <thead> <tr> <th>MNR</th> <th>MODE</th> <th>FREQ</th> <th>SQL</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>136.73 MHz</td> <td>-12.170 dBm</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td>N</td> <td>1</td> <td>f</td> <td>65.89 MHz</td> <td>-37.471 dBm</td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td>N</td> <td>1</td> <td>f</td> <td>193.93 MHz</td> <td>-44.149 dBm</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 Freq Offset 0 Hz 30MHz~1GHz	MNR	MODE	FREQ	SQL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	136.73 MHz	-12.170 dBm				2	N	1	f	65.89 MHz	-37.471 dBm				3	N	1	f	193.93 MHz	-44.149 dBm			
MNR	MODE	FREQ	SQL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE																															
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3	N	1	f	193.93 MHz	-44.149 dBm																																		
TX-DNH	4FSK	CH _L	Center Freq 1.180062500 GHz Ref Offset 6 dB Ref -3.21 dBm Mkr1 1.3356 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) File <Temp.png> saved Frequency Auto Tune Center Freq 1.180062500 GHz Start Freq 1.000000000 GHz Stop Freq 1.360125000 GHz CF Step 36.012500 MHz Freq Offset 0 Hz 1GHz~10th Harmonic																																				
TX-DNH	4FSK	CH _{M2}	Center Freq 515.000000 MHz Ref Offset 6 dB Ref -3.85 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) <table border="1"> <thead> <tr> <th>MNR</th> <th>MODE</th> <th>FREQ</th> <th>SQL</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>155.13 MHz</td> <td>-9.820 dBm</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td>N</td> <td>1</td> <td>f</td> <td>62.98 MHz</td> <td>-50.181 dBm</td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td>N</td> <td>1</td> <td>f</td> <td>92.08 MHz</td> <td>-51.461 dBm</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 Freq Offset 0 Hz 30MHz~1GHz	MNR	MODE	FREQ	SQL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	155.13 MHz	-9.820 dBm				2	N	1	f	62.98 MHz	-50.181 dBm				3	N	1	f	92.08 MHz	-51.461 dBm			
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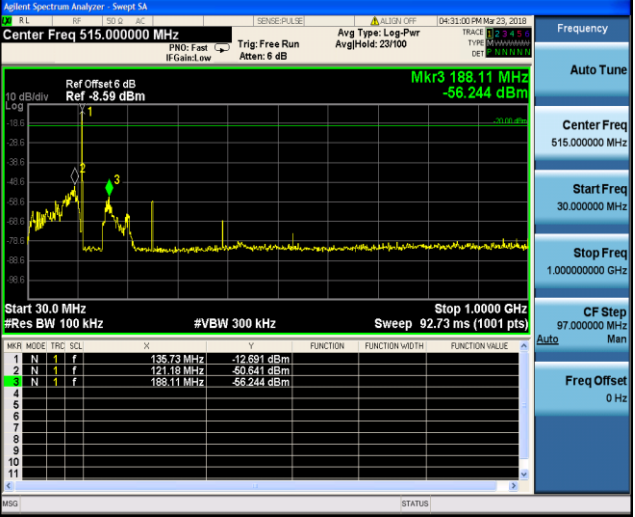
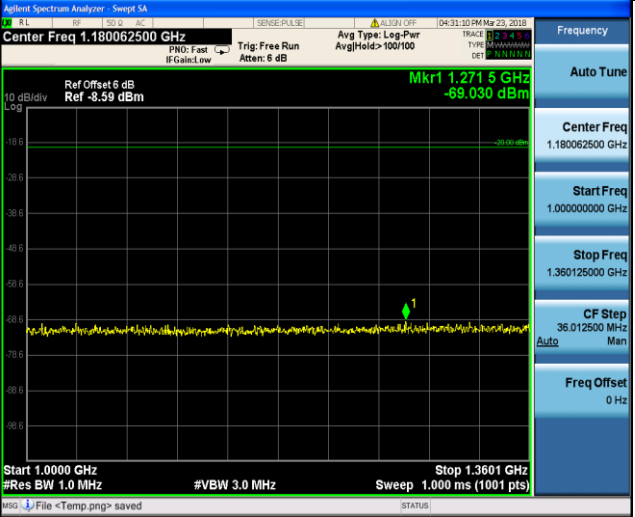
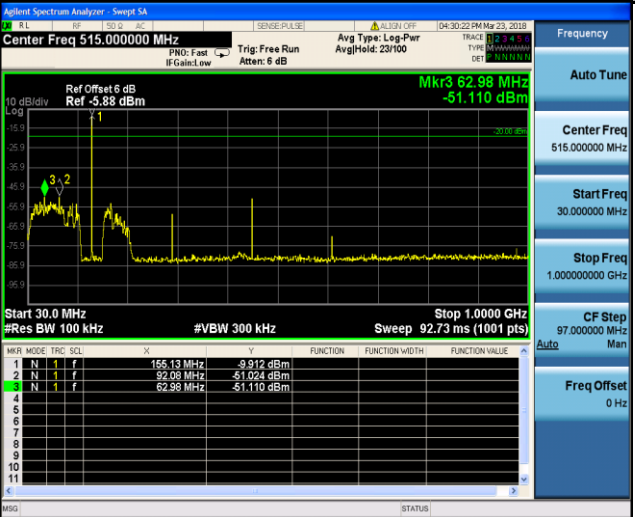


Appendix H:Spurious Emission On Antenna Port

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 Mkr1 1.298 2 GHz -68.749 dBm Start 1.0000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Stop 1.5501 GHz Sweep 1.000 ms (1001 pts) File <Temp.png> saved (STATUS) 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 Mkr3 191.02 MHz -35.953 dBm Start 30.0 MHz #Res BW 100 kHz #VBW 300 kHz Stop 1.0000 GHz Sweep 92.73 ms (1001 pts) 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 Man Freq Offset 0 Hz <table><tr><th>Mkr</th><th>Mode</th><th>Trc</th><th>SCL</th><th>X</th><th>Y</th><th>Function</th><th>Function Width</th><th>Function Value</th></tr><tr><td>1</td><td>N</td><td>1</td><td>f</td><td>173.66 MHz</td><td>-8.938 dBm</td><td></td><td></td><td></td></tr><tr><td>2</td><td>N</td><td>1</td><td>f</td><td>63.95 MHz</td><td>-26.703 dBm</td><td></td><td></td><td></td></tr><tr><td>3</td><td>N</td><td>1</td><td>f</td><td>191.02 MHz</td><td>-35.953 dBm</td><td></td><td></td><td></td></tr></table> 30MHz~1GHz	Mkr	Mode	Trc	SCL	X	Y	Function	Function Width	Function Value	1	N	1	f	173.66 MHz	-8.938 dBm				2	N	1	f	63.95 MHz	-26.703 dBm				3	N	1	f	191.02 MHz	-35.953 dBm			
Mkr	Mode	Trc	SCL	X	Y	Function	Function Width	Function Value																															
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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 Mkr1 1.373 6 GHz -69.001 dBm Start 1.0000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Stop 1.7399 GHz Sweep 1.000 ms (1001 pts) File <Temp.png> saved (STATUS) 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																																				

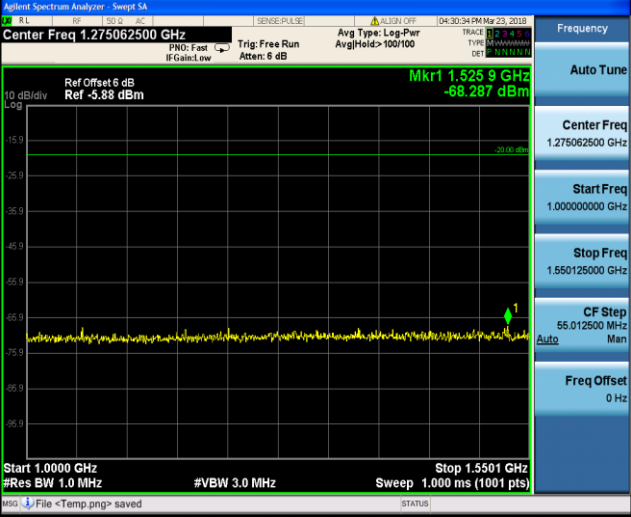
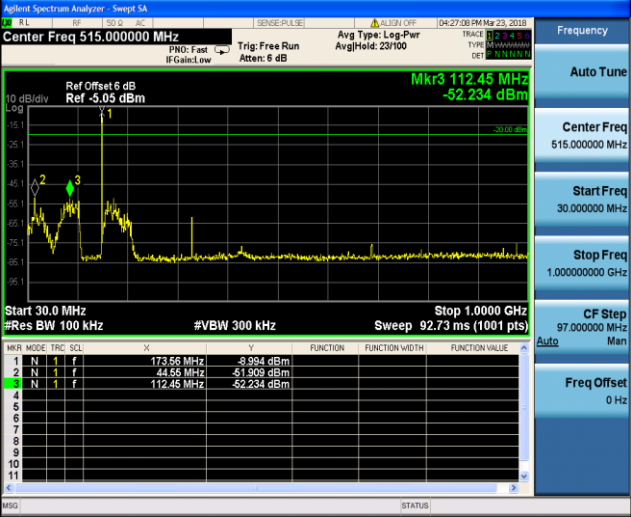
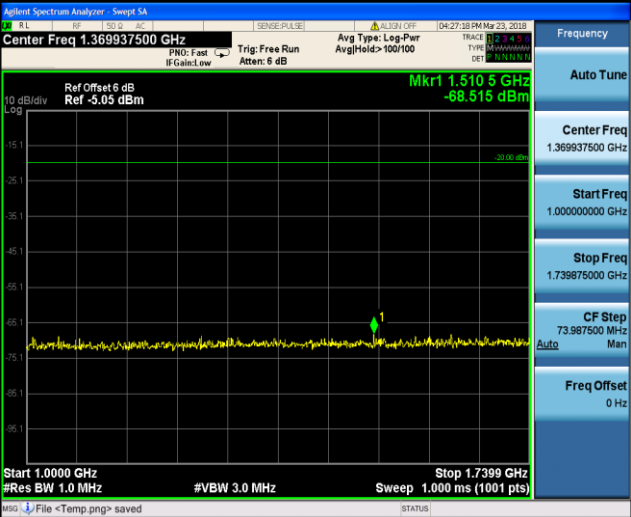


Appendix H:Spurious Emission On Antenna Port

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-ANH	FM	CH _L	 Agilent Spectrum Analyzer - Sweep SA Center Freq 515.000000 MHz Ref Offset 6 dB Ref -8.59 dBm Mkr3 188.11 MHz -56.244 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 -12.891 dBm 2 N 1 f 121.18 MHz -50.641 dBm 3 N 1 f 188.11 MHz -56.244 dBm MSG: File <Temp.png> saved 30MHz~1GHz
TX-ANH	FM	CH _L	 Agilent Spectrum Analyzer - Sweep SA Center Freq 1.180062500 GHz Ref Offset 6 dB Ref -8.59 dBm Mkr1 1.271 5 GHz -69.030 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 1GHz~10th Harmonic
TX-ANH	FM	CH _{M2}	 Agilent Spectrum Analyzer - Sweep SA Center Freq 515.000000 MHz Ref Offset 6 dB Ref -5.88 dBm Mkr3 62.98 MHz -51.110 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 155.13 MHz -9.912 dBm 2 N 1 f 52.08 MHz -51.024 dBm 3 N 1 f 62.98 MHz -51.110 dBm MSG: File <Temp.png> saved 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----