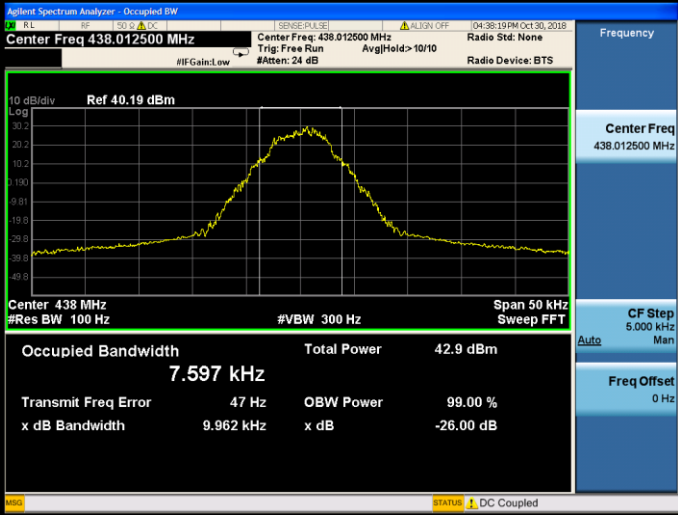
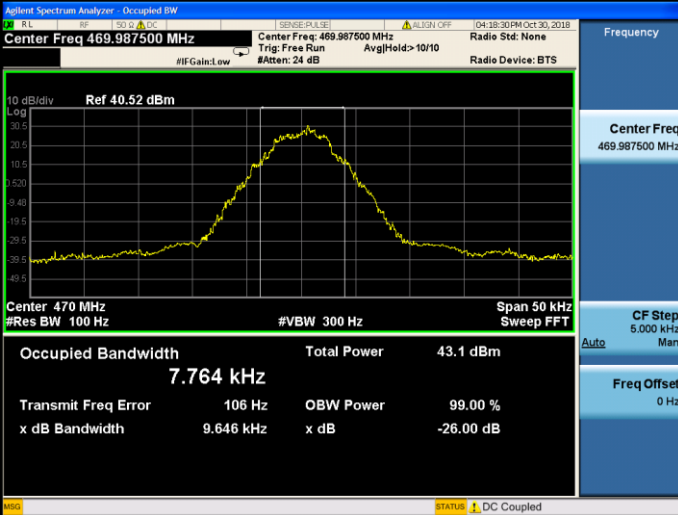
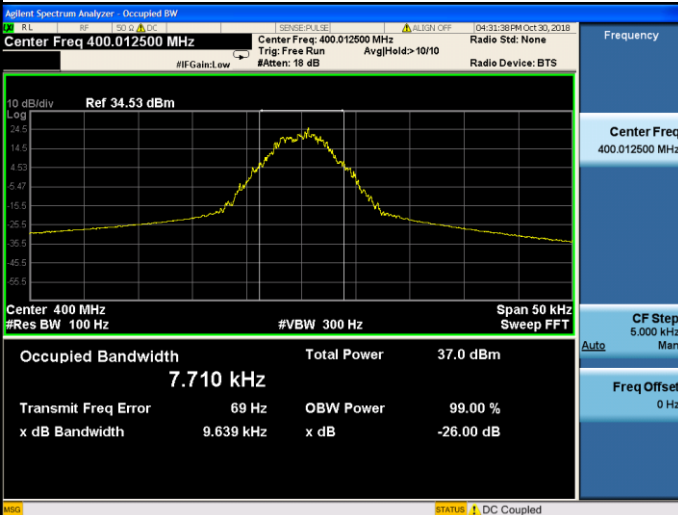


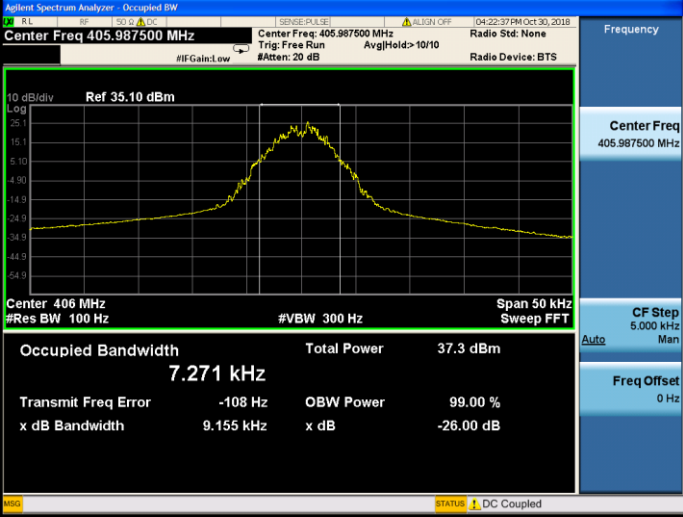
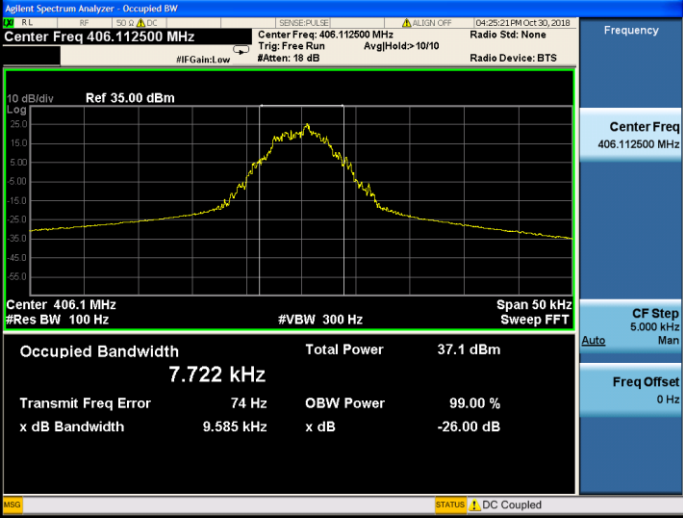
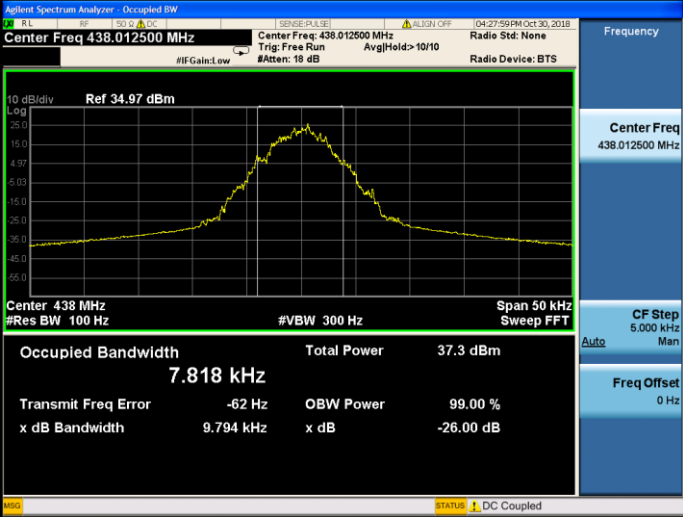


Appendix B:Occupied Bandwidth For UHF Band

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-DNH	4FSK	CH _{M3}	
TX-DNH	4FSK	CH _{H1}	
TX-DNL	4FSK	CH _{L1}	



Appendix B:Occupied Bandwidth For UHF Band

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-DNL	4FSK	CH _{M1}	
TX-DNL	4FSK	CH _{M2}	
TX-DNL	4FSK	CH _{M3}	

Appendix B:Occupied Bandwidth For UHF Band

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-DNL	4FSK	CH _{H1}	Agilent Spectrum Analyzer - Occupied BW Center Freq 469.987500 MHz Center Freq: 469.987500 MHz Trig: Free Run #IF Gain: Low Span 50 kHz Span: 50 kHz Sweep FFT Occupied Bandwidth 7.668 kHz Total Power 37.6 dBm Transmit Freq Error -14 Hz OBW Power 99.00 % x dB Bandwidth 9.717 kHz x dB -26.00 dB Frequency Center Freq 469.987500 MHz CF Step 5.000 kHz Auto Freq Offset 0 Hz

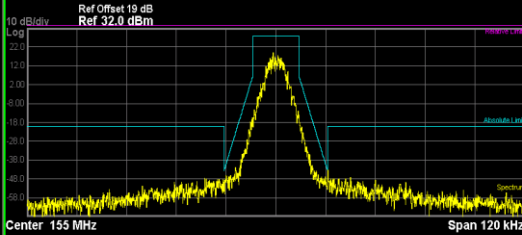
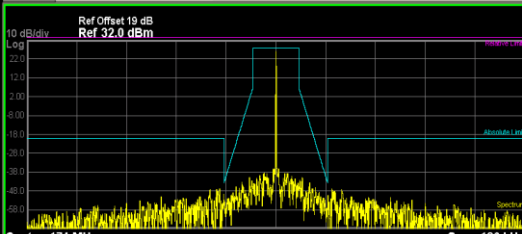
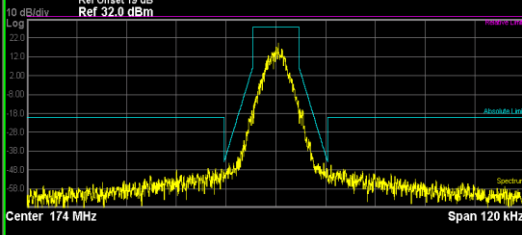
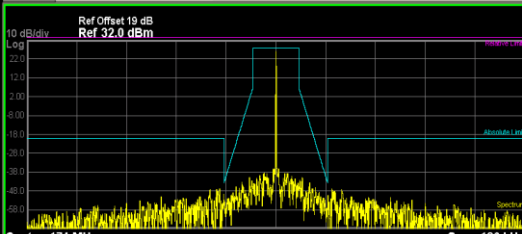
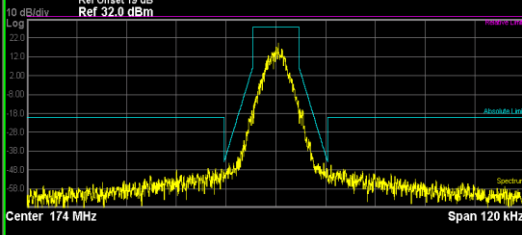
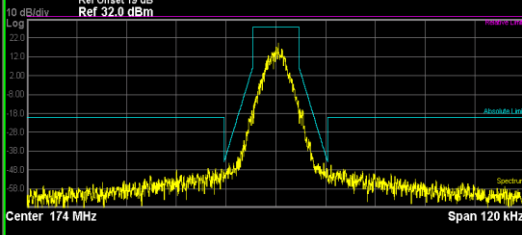
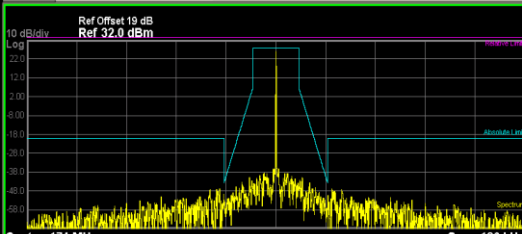
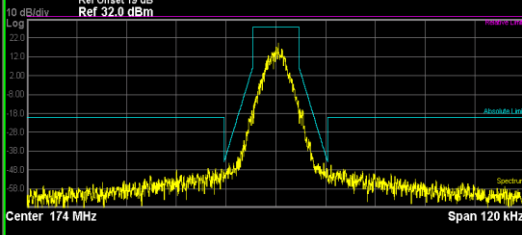
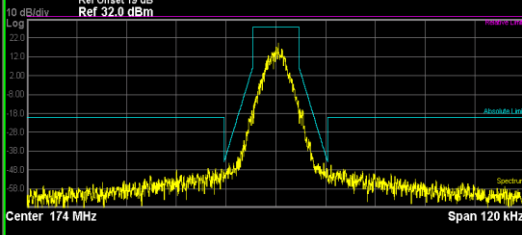
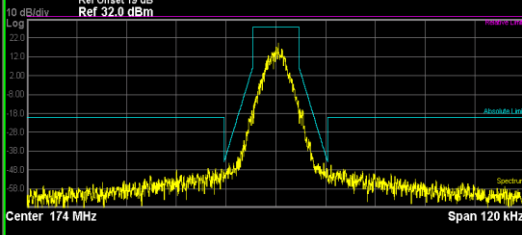


Appendix C:Emission Mask For VHF Band

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-DNH	4FSK	CH _L	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF SD AC SENSE PULSE ALIGN OFF 01:13:48 PM Nov 29, 2018 Center Freq 136.012500 MHz Center Freq: 136.012500 MHz Radio Std: None Trig: Free Run #Atten: 40 dB Radio Device: BTS PASS If Gain: Low Ref Offset 19 dB Ref 31.0 dBm 10 dB/div Log 21.0 11.0 1.00 0.00 19.0 9.00 0.00 <



Appendix C:Emission Mask For VHF Band

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																																																																																																																																																																					
TX-DNH	4FSK	CH _M	Agilent Spectrum Analyzer - Spectrum Emission Mask RL SP 50.0 AC SENSE PULSE ALIGN OFF 01:10:51 PM Nov 29, 2018 Center Freq 155.012500 MHz Center Freq: 155.012500 MHz Radio Std: None PASS Trig: Free Run Avg: 100.00% of 10 If Gain: Low #Atten: 40 dB Radio Device: BTS Ref Offset 19 dB Ref 32.0 dBm  Center 155 MHz Span 120 kHz Total Power Ref 29.70 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>19.04</td><td>(-8.58)</td><td>-700.0</td><td>17.44</td><td>(-10.18)</td><td>500.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-48.55</td><td>(-5.10)</td><td>-12.45 k</td><td>-47.54</td><td>(-3.73)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-47.67</td><td>(-27.67)</td><td>-17.05 k</td><td>-43.20</td><td>(-23.20)</td><td>12.65 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> File <Temp.png> saved (STATUS) Frequency Center Freq 155.012500 MHz CF Step 12.000 kHz Man Freq Offset 0 Hz <tr><td>TX-DNH</td><td>4FSK</td><td>CH_H</td><td> Agilent Spectrum Analyzer - Spectrum Emission Mask RL SP 50.0 AC SENSE PULSE ALIGN OFF 01:06:52 PM Nov 29, 2018 Center Freq 173.987500 MHz Center Freq: 173.987500 MHz Radio Std: None PASS Trig: Free Run Avg: 100.00% of 10 If Gain: Low #Atten: 40 dB Radio Device: BTS Ref Offset 19 dB Ref 32.0 dBm  Center 174 MHz Span 120 kHz Total Power Ref 26.07 dBm 0.0125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>23.96</td><td>(-3.64)</td><td>0.0</td><td>26.09</td><td>(-1.51)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-52.86</td><td>(9.75)</td><td>-12.40 k</td><td>-53.36</td><td>(9.52)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-47.00</td><td>(-27.00)</td><td>-13.50 k</td><td>-46.71</td><td>(-26.71)</td><td>13.65 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> File <MASK.D.state> recalled (STATUS) Frequency Center Freq 173.987500 MHz CF Step 12.000 kHz Man Freq Offset 0 Hz <tr><td>TX-DNH</td><td>4FSK</td><td>CH_H</td><td> Agilent Spectrum Analyzer - Spectrum Emission Mask RL SP 50.0 AC SENSE PULSE ALIGN OFF 01:07:42 PM Nov 29, 2018 Center Freq 173.987500 MHz Center Freq: 173.987500 MHz Radio Std: None PASS Trig: Free Run Avg: 100.00% of 10 If Gain: Low #Atten: 40 dB Radio Device: BTS Ref Offset 19 dB Ref 32.0 dBm  Center 174 MHz Span 120 kHz Total Power Ref 29.50 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>15.20</td><td>(-12.40)</td><td>-50.00</td><td>19.42</td><td>(-8.18)</td><td>650.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-50.94</td><td>(-8.20)</td><td>-12.35 k</td><td>-47.25</td><td>(-4.14)</td><td>12.40 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-47.17</td><td>(-27.17)</td><td>-14.50 k</td><td>-45.41</td><td>(-25.41)</td><td>13.35 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> File <Temp.png> saved (STATUS) Frequency Center Freq 173.987500 MHz CF Step 12.000 kHz Man Freq Offset 0 Hz </td></tr></td></tr>	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	19.04	(-8.58)	-700.0	17.44	(-10.18)	500.0	5.625 kHz	12.50 kHz	100.0 Hz	-48.55	(-5.10)	-12.45 k	-47.54	(-3.73)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-47.67	(-27.67)	-17.05 k	-43.20	(-23.20)	12.65 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—	TX-DNH	4FSK	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask RL SP 50.0 AC SENSE PULSE ALIGN OFF 01:06:52 PM Nov 29, 2018 Center Freq 173.987500 MHz Center Freq: 173.987500 MHz Radio Std: None PASS Trig: Free Run Avg: 100.00% of 10 If Gain: Low #Atten: 40 dB Radio Device: BTS Ref Offset 19 dB Ref 32.0 dBm  Center 174 MHz Span 120 kHz Total Power Ref 26.07 dBm 0.0125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>23.96</td><td>(-3.64)</td><td>0.0</td><td>26.09</td><td>(-1.51)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-52.86</td><td>(9.75)</td><td>-12.40 k</td><td>-53.36</td><td>(9.52)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-47.00</td><td>(-27.00)</td><td>-13.50 k</td><td>-46.71</td><td>(-26.71)</td><td>13.65 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> File <MASK.D.state> recalled (STATUS) Frequency Center Freq 173.987500 MHz CF Step 12.000 kHz Man Freq Offset 0 Hz <tr><td>TX-DNH</td><td>4FSK</td><td>CH_H</td><td> Agilent Spectrum Analyzer - Spectrum Emission Mask RL SP 50.0 AC SENSE PULSE ALIGN OFF 01:07:42 PM Nov 29, 2018 Center Freq 173.987500 MHz Center Freq: 173.987500 MHz Radio Std: None PASS Trig: Free Run Avg: 100.00% of 10 If Gain: Low #Atten: 40 dB Radio Device: BTS Ref Offset 19 dB Ref 32.0 dBm  Center 174 MHz Span 120 kHz Total Power Ref 29.50 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>15.20</td><td>(-12.40)</td><td>-50.00</td><td>19.42</td><td>(-8.18)</td><td>650.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-50.94</td><td>(-8.20)</td><td>-12.35 k</td><td>-47.25</td><td>(-4.14)</td><td>12.40 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-47.17</td><td>(-27.17)</td><td>-14.50 k</td><td>-45.41</td><td>(-25.41)</td><td>13.35 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> File <Temp.png> saved (STATUS) Frequency Center Freq 173.987500 MHz CF Step 12.000 kHz Man Freq Offset 0 Hz </td></tr>	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	23.96	(-3.64)	0.0	26.09	(-1.51)	50.00	5.625 kHz	12.50 kHz	100.0 Hz	-52.86	(9.75)	-12.40 k	-53.36	(9.52)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-47.00	(-27.00)	-13.50 k	-46.71	(-26.71)	13.65 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—	TX-DNH	4FSK	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask RL SP 50.0 AC SENSE PULSE ALIGN OFF 01:07:42 PM Nov 29, 2018 Center Freq 173.987500 MHz Center Freq: 173.987500 MHz Radio Std: None PASS Trig: Free Run Avg: 100.00% of 10 If Gain: Low #Atten: 40 dB Radio Device: BTS Ref Offset 19 dB Ref 32.0 dBm  Center 174 MHz Span 120 kHz Total Power Ref 29.50 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>15.20</td><td>(-12.40)</td><td>-50.00</td><td>19.42</td><td>(-8.18)</td><td>650.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-50.94</td><td>(-8.20)</td><td>-12.35 k</td><td>-47.25</td><td>(-4.14)</td><td>12.40 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-47.17</td><td>(-27.17)</td><td>-14.50 k</td><td>-45.41</td><td>(-25.41)</td><td>13.35 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> File <Temp.png> saved (STATUS) 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	15.20	(-12.40)	-50.00	19.42	(-8.18)	650.0	5.625 kHz	12.50 kHz	100.0 Hz	-50.94	(-8.20)	-12.35 k	-47.25	(-4.14)	12.40 k	12.50 kHz	60.00 kHz	100.0 Hz	-47.17	(-27.17)	-14.50 k	-45.41	(-25.41)	13.35 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)																																																																																																																																																																																																
0.0 Hz	5.625 kHz	100.0 Hz	19.04	(-8.58)	-700.0	17.44	(-10.18)	500.0																																																																																																																																																																																																
5.625 kHz	12.50 kHz	100.0 Hz	-48.55	(-5.10)	-12.45 k	-47.54	(-3.73)	12.50 k																																																																																																																																																																																																
12.50 kHz	60.00 kHz	100.0 Hz	-47.67	(-27.67)	-17.05 k	-43.20	(-23.20)	12.65 k																																																																																																																																																																																																
4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																																																																																																																																																																
8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																																																																																																																																																																
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																																																																																																																																																																
TX-DNH	4FSK	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask RL SP 50.0 AC SENSE PULSE ALIGN OFF 01:06:52 PM Nov 29, 2018 Center Freq 173.987500 MHz Center Freq: 173.987500 MHz Radio Std: None PASS Trig: Free Run Avg: 100.00% of 10 If Gain: Low #Atten: 40 dB Radio Device: BTS Ref Offset 19 dB Ref 32.0 dBm  Center 174 MHz Span 120 kHz Total Power Ref 26.07 dBm 0.0125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>23.96</td><td>(-3.64)</td><td>0.0</td><td>26.09</td><td>(-1.51)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-52.86</td><td>(9.75)</td><td>-12.40 k</td><td>-53.36</td><td>(9.52)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-47.00</td><td>(-27.00)</td><td>-13.50 k</td><td>-46.71</td><td>(-26.71)</td><td>13.65 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> File <MASK.D.state> recalled (STATUS) Frequency Center Freq 173.987500 MHz CF Step 12.000 kHz Man Freq Offset 0 Hz <tr><td>TX-DNH</td><td>4FSK</td><td>CH_H</td><td> Agilent Spectrum Analyzer - Spectrum Emission Mask RL SP 50.0 AC SENSE PULSE ALIGN OFF 01:07:42 PM Nov 29, 2018 Center Freq 173.987500 MHz Center Freq: 173.987500 MHz Radio Std: None PASS Trig: Free Run Avg: 100.00% of 10 If Gain: Low #Atten: 40 dB Radio Device: BTS Ref Offset 19 dB Ref 32.0 dBm  Center 174 MHz Span 120 kHz Total Power Ref 29.50 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>15.20</td><td>(-12.40)</td><td>-50.00</td><td>19.42</td><td>(-8.18)</td><td>650.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-50.94</td><td>(-8.20)</td><td>-12.35 k</td><td>-47.25</td><td>(-4.14)</td><td>12.40 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-47.17</td><td>(-27.17)</td><td>-14.50 k</td><td>-45.41</td><td>(-25.41)</td><td>13.35 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> File <Temp.png> saved (STATUS) Frequency Center Freq 173.987500 MHz CF Step 12.000 kHz Man Freq Offset 0 Hz </td></tr>	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	23.96	(-3.64)	0.0	26.09	(-1.51)	50.00	5.625 kHz	12.50 kHz	100.0 Hz	-52.86	(9.75)	-12.40 k	-53.36	(9.52)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-47.00	(-27.00)	-13.50 k	-46.71	(-26.71)	13.65 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—	TX-DNH	4FSK	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask RL SP 50.0 AC SENSE PULSE ALIGN OFF 01:07:42 PM Nov 29, 2018 Center Freq 173.987500 MHz Center Freq: 173.987500 MHz Radio Std: None PASS Trig: Free Run Avg: 100.00% of 10 If Gain: Low #Atten: 40 dB Radio Device: BTS Ref Offset 19 dB Ref 32.0 dBm  Center 174 MHz Span 120 kHz Total Power Ref 29.50 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>15.20</td><td>(-12.40)</td><td>-50.00</td><td>19.42</td><td>(-8.18)</td><td>650.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-50.94</td><td>(-8.20)</td><td>-12.35 k</td><td>-47.25</td><td>(-4.14)</td><td>12.40 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-47.17</td><td>(-27.17)</td><td>-14.50 k</td><td>-45.41</td><td>(-25.41)</td><td>13.35 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> File <Temp.png> saved (STATUS) 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	15.20	(-12.40)	-50.00	19.42	(-8.18)	650.0	5.625 kHz	12.50 kHz	100.0 Hz	-50.94	(-8.20)	-12.35 k	-47.25	(-4.14)	12.40 k	12.50 kHz	60.00 kHz	100.0 Hz	-47.17	(-27.17)	-14.50 k	-45.41	(-25.41)	13.35 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																																			
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)																																																																																																																																																																																																
0.0 Hz	5.625 kHz	100.0 Hz	23.96	(-3.64)	0.0	26.09	(-1.51)	50.00																																																																																																																																																																																																
5.625 kHz	12.50 kHz	100.0 Hz	-52.86	(9.75)	-12.40 k	-53.36	(9.52)	12.50 k																																																																																																																																																																																																
12.50 kHz	60.00 kHz	100.0 Hz	-47.00	(-27.00)	-13.50 k	-46.71	(-26.71)	13.65 k																																																																																																																																																																																																
4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																																																																																																																																																																
8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																																																																																																																																																																
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																																																																																																																																																																
TX-DNH	4FSK	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask RL SP 50.0 AC SENSE PULSE ALIGN OFF 01:07:42 PM Nov 29, 2018 Center Freq 173.987500 MHz Center Freq: 173.987500 MHz Radio Std: None PASS Trig: Free Run Avg: 100.00% of 10 If Gain: Low #Atten: 40 dB Radio Device: BTS Ref Offset 19 dB Ref 32.0 dBm  Center 174 MHz Span 120 kHz Total Power Ref 29.50 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>15.20</td><td>(-12.40)</td><td>-50.00</td><td>19.42</td><td>(-8.18)</td><td>650.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-50.94</td><td>(-8.20)</td><td>-12.35 k</td><td>-47.25</td><td>(-4.14)</td><td>12.40 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-47.17</td><td>(-27.17)</td><td>-14.50 k</td><td>-45.41</td><td>(-25.41)</td><td>13.35 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> File <Temp.png> saved (STATUS) 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	15.20	(-12.40)	-50.00	19.42	(-8.18)	650.0	5.625 kHz	12.50 kHz	100.0 Hz	-50.94	(-8.20)	-12.35 k	-47.25	(-4.14)	12.40 k	12.50 kHz	60.00 kHz	100.0 Hz	-47.17	(-27.17)	-14.50 k	-45.41	(-25.41)	13.35 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																																																																																																						
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)																																																																																																																																																																																																
0.0 Hz	5.625 kHz	100.0 Hz	15.20	(-12.40)	-50.00	19.42	(-8.18)	650.0																																																																																																																																																																																																
5.625 kHz	12.50 kHz	100.0 Hz	-50.94	(-8.20)	-12.35 k	-47.25	(-4.14)	12.40 k																																																																																																																																																																																																
12.50 kHz	60.00 kHz	100.0 Hz	-47.17	(-27.17)	-14.50 k	-45.41	(-25.41)	13.35 k																																																																																																																																																																																																
4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																																																																																																																																																																
8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																																																																																																																																																																
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																																																																																																																																																																



Appendix C:Emission Mask For VHF Band

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																																						
TX-DNL	4FSK	CH _L	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF SD AC SENSE PULSE ALIGN OFF 01:15:13 PM Nov 29, 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 Ref Offset 19 dB Ref 20.0 dBm 10 dB/div Log 0.00 10.0 20.0 30.0 40.0 50.0 60.0 70.0 Center 136 MHz Span 120 kHz Total Power Ref 13.79 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 ></th><th>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>13.38</td><td>(-2.13)</td><td>0.0</td><td>13.86</td><td>(-1.65)</td><td>50.00</td><td>12.50 k</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-57.71</td><td>(-2.15)</td><td>-12.45 k</td><td>-58.26</td><td>(-2.34)</td><td>12.50 k</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-58.29</td><td>(-38.29)</td><td>-12.75 k</td><td>-56.33</td><td>(-36.33)</td><td>13.00 k</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><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></table> 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	13.38	(-2.13)	0.0	13.86	(-1.65)	50.00	12.50 k	5.625 kHz	12.50 kHz	100.0 Hz	-57.71	(-2.15)	-12.45 k	-58.26	(-2.34)	12.50 k	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-58.29	(-38.29)	-12.75 k	-56.33	(-36.33)	13.00 k	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	—	(—)	—	—	(—)	—	—
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	13.38	(-2.13)	0.0	13.86	(-1.65)	50.00	12.50 k																																																																
5.625 kHz	12.50 kHz	100.0 Hz	-57.71	(-2.15)	-12.45 k	-58.26	(-2.34)	12.50 k	12.50 k																																																																
12.50 kHz	60.00 kHz	100.0 Hz	-58.29	(-38.29)	-12.75 k	-56.33	(-36.33)	13.00 k	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	—	(—)	—	—	(—)	—	—																																																																
TX-DNL	4FSK	CH _L	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF SD AC SENSE PULSE ALIGN OFF 01:15:50 PM Nov 29, 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 Ref Offset 19 dB Ref 20.0 dBm 10 dB/div Log 0.00 10.0 20.0 30.0 40.0 50.0 60.0 70.0 Center 136 MHz Span 120 kHz Total Power Ref 17.20 dBm/0.0125 MHz <table><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>Peak ></th><th>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>4.930</td><td>(-10.58)</td><td>-1.100 k</td><td>6.702</td><td>(-8.81)</td><td>800.0</td><td>12.50 k</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-60.41</td><td>(4.85)</td><td>-12.45 k</td><td>-56.66</td><td>(-0.74)</td><td>12.50 k</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-57.86</td><td>(-37.86)</td><td>-17.55 k</td><td>-58.55</td><td>(-38.55)</td><td>14.85 k</td><td>14.85 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td><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></table> 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	4.930	(-10.58)	-1.100 k	6.702	(-8.81)	800.0	12.50 k	5.625 kHz	12.50 kHz	100.0 Hz	-60.41	(4.85)	-12.45 k	-56.66	(-0.74)	12.50 k	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-57.86	(-37.86)	-17.55 k	-58.55	(-38.55)	14.85 k	14.85 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—	—
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	4.930	(-10.58)	-1.100 k	6.702	(-8.81)	800.0	12.50 k																																																																
5.625 kHz	12.50 kHz	100.0 Hz	-60.41	(4.85)	-12.45 k	-56.66	(-0.74)	12.50 k	12.50 k																																																																
12.50 kHz	60.00 kHz	100.0 Hz	-57.86	(-37.86)	-17.55 k	-58.55	(-38.55)	14.85 k	14.85 k																																																																
4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	—																																																																
8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	—																																																																
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—	—																																																																
TX-DNL	4FSK	CH _M	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF SD AC SENSE PULSE ALIGN OFF 01:11:30 PM Nov 29, 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 Ref Offset 19 dB Ref 19.0 dBm 10 dB/div Log 0.00 10.0 20.0 30.0 40.0 50.0 60.0 70.0 Center 155 MHz Span 120 kHz Total Power Ref 13.38 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 ></th><th>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>12.89</td><td>(-2.25)</td><td>0.0</td><td>13.46</td><td>(-1.68)</td><td>50.00</td><td>11.85 k</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-59.46</td><td>(-8.62)</td><td>-11.75 k</td><td>-59.98</td><td>(-8.41)</td><td>11.85 k</td><td>11.85 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-52.23</td><td>(-32.23)</td><td>-30.30 k</td><td>-51.78</td><td>(-31.78)</td><td>30.40 k</td><td>30.40 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td><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></table> 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	12.89	(-2.25)	0.0	13.46	(-1.68)	50.00	11.85 k	5.625 kHz	12.50 kHz	100.0 Hz	-59.46	(-8.62)	-11.75 k	-59.98	(-8.41)	11.85 k	11.85 k	12.50 kHz	60.00 kHz	100.0 Hz	-52.23	(-32.23)	-30.30 k	-51.78	(-31.78)	30.40 k	30.40 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—	—
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	12.89	(-2.25)	0.0	13.46	(-1.68)	50.00	11.85 k																																																																
5.625 kHz	12.50 kHz	100.0 Hz	-59.46	(-8.62)	-11.75 k	-59.98	(-8.41)	11.85 k	11.85 k																																																																
12.50 kHz	60.00 kHz	100.0 Hz	-52.23	(-32.23)	-30.30 k	-51.78	(-31.78)	30.40 k	30.40 k																																																																
4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	—																																																																
8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	—																																																																
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—	—																																																																



Appendix C:Emission Mask For VHF Band

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																															
TX-DNL	4FSK	CH _M	Agilent Spectrum Analyzer - Spectrum Emission Mask RLSENSE PULSERALIGN OFF01:12:16 PM Nov 29, 2018 Center Freq 155.012500 MHz Center Freq: 155.012500 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run Avg: 100.00% of 10 Radio Device: BTS Ref Offset 19 dB Ref 19.0 dBm 10 dB/div Log 9.00 1.00 11.0 21.0 31.0 41.0 51.0 61.0 71.0 Center 155 MHz Span 120 kHz Total Power Ref 16.71 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>3.995</td><td>(-11.15)</td><td>-50.00</td><td>5.058</td><td>(-10.08)</td><td>150.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-61.60</td><td>(-5.31)</td><td>-12.50 k</td><td>-62.07</td><td>(-6.14)</td><td>12.45 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-58.60</td><td>(-38.60)</td><td>-29.55 k</td><td>-59.00</td><td>(-39.00)</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> File <Temp.png> saved (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	3.995	(-11.15)	-50.00	5.058	(-10.08)	150.0	5.625 kHz	12.50 kHz	100.0 Hz	-61.60	(-5.31)	-12.50 k	-62.07	(-6.14)	12.45 k	12.50 kHz	60.00 kHz	100.0 Hz	-58.60	(-38.60)	-29.55 k	-59.00	(-39.00)	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	3.995	(-11.15)	-50.00	5.058	(-10.08)	150.0																																																										
5.625 kHz	12.50 kHz	100.0 Hz	-61.60	(-5.31)	-12.50 k	-62.07	(-6.14)	12.45 k																																																										
12.50 kHz	60.00 kHz	100.0 Hz	-58.60	(-38.60)	-29.55 k	-59.00	(-39.00)	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-DNL	4FSK	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask RLSENSE PULSERALIGN OFF01:08:51 PM Nov 29, 2018 Center Freq 173.987500 MHz Center Freq: 173.987500 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run Avg: 100.00% of 10 Radio Device: BTS Ref Offset 19 dB Ref 19.0 dBm 10 dB/div Log 9.00 1.00 11.0 21.0 31.0 41.0 51.0 61.0 71.0 Center 174 MHz Span 120 kHz Total Power Ref 13.74 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>11.54</td><td>(-3.83)</td><td>0.0</td><td>13.80</td><td>(-1.57)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-64.33</td><td>(-10.08)</td><td>-12.25 k</td><td>-60.97</td><td>(-9.26)</td><td>11.90 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-57.92</td><td>(-37.92)</td><td>-30.15 k</td><td>-59.19</td><td>(-39.19)</td><td>12.65 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></table> File <MASK.D.state> recalled (STATUS) 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	11.54	(-3.83)	0.0	13.80	(-1.57)	50.00	5.625 kHz	12.50 kHz	100.0 Hz	-64.33	(-10.08)	-12.25 k	-60.97	(-9.26)	11.90 k	12.50 kHz	60.00 kHz	100.0 Hz	-57.92	(-37.92)	-30.15 k	-59.19	(-39.19)	12.65 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
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	11.54	(-3.83)	0.0	13.80	(-1.57)	50.00																																																										
5.625 kHz	12.50 kHz	100.0 Hz	-64.33	(-10.08)	-12.25 k	-60.97	(-9.26)	11.90 k																																																										
12.50 kHz	60.00 kHz	100.0 Hz	-57.92	(-37.92)	-30.15 k	-59.19	(-39.19)	12.65 k																																																										
4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
TX-DNL	4FSK	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask RLSENSE PULSERALIGN OFF01:09:29 PM Nov 29, 2018 Center Freq 173.987500 MHz Center Freq: 173.987500 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run Avg: 100.00% of 10 Radio Device: BTS Ref Offset 19 dB Ref 19.0 dBm 10 dB/div Log 9.00 1.00 11.0 21.0 31.0 41.0 51.0 61.0 71.0 Center 174 MHz Span 120 kHz Total Power Ref 17.02 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>4.889</td><td>(-10.48)</td><td>0.0</td><td>7.000</td><td>(-8.37)</td><td>700.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-59.94</td><td>(-3.87)</td><td>-12.50 k</td><td>-58.82</td><td>(-3.48)</td><td>12.40 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-58.59</td><td>(-38.59)</td><td>-14.05 k</td><td>-56.97</td><td>(-36.97)</td><td>14.80 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></table> File <Temp.png> saved (STATUS) Frequency Center Freq 173.987500 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	4.889	(-10.48)	0.0	7.000	(-8.37)	700.0	5.625 kHz	12.50 kHz	100.0 Hz	-59.94	(-3.87)	-12.50 k	-58.82	(-3.48)	12.40 k	12.50 kHz	60.00 kHz	100.0 Hz	-58.59	(-38.59)	-14.05 k	-56.97	(-36.97)	14.80 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
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	4.889	(-10.48)	0.0	7.000	(-8.37)	700.0																																																										
5.625 kHz	12.50 kHz	100.0 Hz	-59.94	(-3.87)	-12.50 k	-58.82	(-3.48)	12.40 k																																																										
12.50 kHz	60.00 kHz	100.0 Hz	-58.59	(-38.59)	-14.05 k	-56.97	(-36.97)	14.80 k																																																										
4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										



Appendix C:Emission Mask For UHF Band

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																															
TX-DNH	4FSK	CH _{L1}	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 400.012500 MHz Center Freq: 400.012500 MHz Radio Std: None PASS IF Gain: Low Atten: 40 dB Radio Device: BTS Ref Offset 37 dB Ref 36.0 dBm 10 dB/div Log 20.0 16.0 12.0 8.0 4.0 0.0 -4.0 -8.0 -12.0 -16.0 -20.0 Center 400 MHz Span 120 kHz Total Power Ref 30.65 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>30.82</td><td>(-1.61)</td><td>0.0</td><td>30.82</td><td>(-1.61)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-39.27</td><td>(-8.26)</td><td>-11.40 k</td><td>-45.18</td><td>(-6.17)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-42.36</td><td>(-22.36)</td><td>-14.20 k</td><td>-42.45</td><td>(-22.45)</td><td>12.90 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></table> File <MASK D.state> recalled STATUS Frequency Center Freq 400.012500 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	30.82	(-1.61)	0.0	30.82	(-1.61)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-39.27	(-8.26)	-11.40 k	-45.18	(-6.17)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-42.36	(-22.36)	-14.20 k	-42.45	(-22.45)	12.90 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)																																																										
0.0 Hz	5.625 kHz	100.0 Hz	30.82	(-1.61)	0.0	30.82	(-1.61)	0.0																																																										
5.625 kHz	12.50 kHz	100.0 Hz	-39.27	(-8.26)	-11.40 k	-45.18	(-6.17)	12.50 k																																																										
12.50 kHz	60.00 kHz	100.0 Hz	-42.36	(-22.36)	-14.20 k	-42.45	(-22.45)	12.90 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	—	(—)	—	—	(—)	—																																																										
TX-DNH	4FSK	CH _{L1}	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 400.012500 MHz Center Freq: 400.012500 MHz Radio Std: None PASS IF Gain: Low Atten: 40 dB Radio Device: BTS Ref Offset 37 dB Ref 36.0 dBm 10 dB/div Log 20.0 16.0 12.0 8.0 4.0 0.0 -4.0 -8.0 -12.0 -16.0 -20.0 Center 400 MHz Span 120 kHz Total Power Ref 33.96 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>25.58</td><td>(-6.84)</td><td>-50.00</td><td>24.12</td><td>(-8.30)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-41.77</td><td>(-3.84)</td><td>-12.35 k</td><td>-42.21</td><td>(-3.20)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-39.94</td><td>(-19.94)</td><td>-14.10 k</td><td>-41.25</td><td>(-21.25)</td><td>15.10 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></table> File <Temp.png> saved STATUS Frequency Center Freq 400.012500 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	25.58	(-6.84)	-50.00	24.12	(-8.30)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-41.77	(-3.84)	-12.35 k	-42.21	(-3.20)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-39.94	(-19.94)	-14.10 k	-41.25	(-21.25)	15.10 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)																																																										
0.0 Hz	5.625 kHz	100.0 Hz	25.58	(-6.84)	-50.00	24.12	(-8.30)	0.0																																																										
5.625 kHz	12.50 kHz	100.0 Hz	-41.77	(-3.84)	-12.35 k	-42.21	(-3.20)	12.50 k																																																										
12.50 kHz	60.00 kHz	100.0 Hz	-39.94	(-19.94)	-14.10 k	-41.25	(-21.25)	15.10 k																																																										
4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
TX-DNH	4FSK	CH _{M1}	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 405.987500 MHz Center Freq: 405.987500 MHz Radio Std: None PASS IF Gain: Low Atten: 40 dB Radio Device: BTS Ref Offset 37 dB Ref 37.0 dBm 10 dB/div Log 27.0 23.0 19.0 15.0 11.0 7.0 3.0 -1.0 -5.0 -9.0 -13.0 -17.0 -21.0 -25.0 -29.0 -33.0 -37.0 Center 406 MHz Span 120 kHz Total Power Ref 30.92 dBm 0.0125 MHz <table><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>31.00</td><td>(-1.55)</td><td>0.0</td><td>31.00</td><td>(-1.55)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-44.32</td><td>(-6.89)</td><td>-12.30 k</td><td>-43.96</td><td>(-8.71)</td><td>12.00 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-43.69</td><td>(-23.69)</td><td>-14.15 k</td><td>-42.04</td><td>(-22.04)</td><td>14.50 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></table> File <MASK D.state> recalled STATUS Frequency Center Freq 405.987500 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	31.00	(-1.55)	0.0	31.00	(-1.55)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-44.32	(-6.89)	-12.30 k	-43.96	(-8.71)	12.00 k	12.50 kHz	60.00 kHz	100.0 Hz	-43.69	(-23.69)	-14.15 k	-42.04	(-22.04)	14.50 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	31.00	(-1.55)	0.0	31.00	(-1.55)	0.0																																																										
5.625 kHz	12.50 kHz	100.0 Hz	-44.32	(-6.89)	-12.30 k	-43.96	(-8.71)	12.00 k																																																										
12.50 kHz	60.00 kHz	100.0 Hz	-43.69	(-23.69)	-14.15 k	-42.04	(-22.04)	14.50 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	—	(—)	—	—	(—)	—																																																										

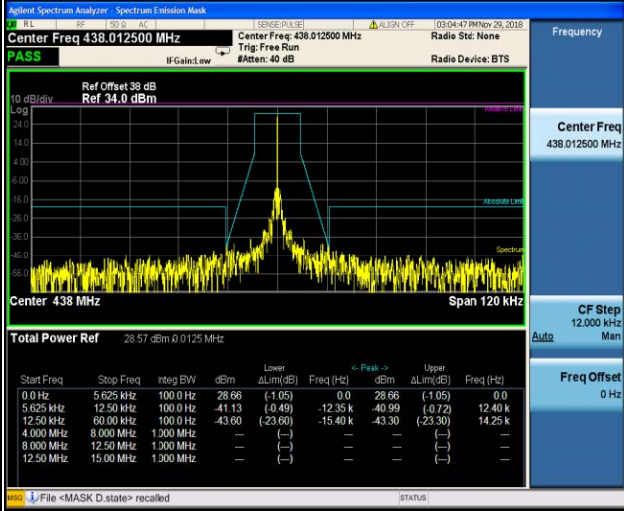
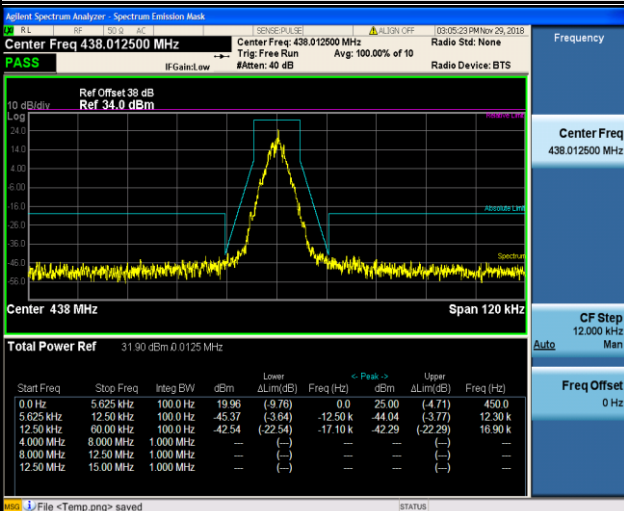
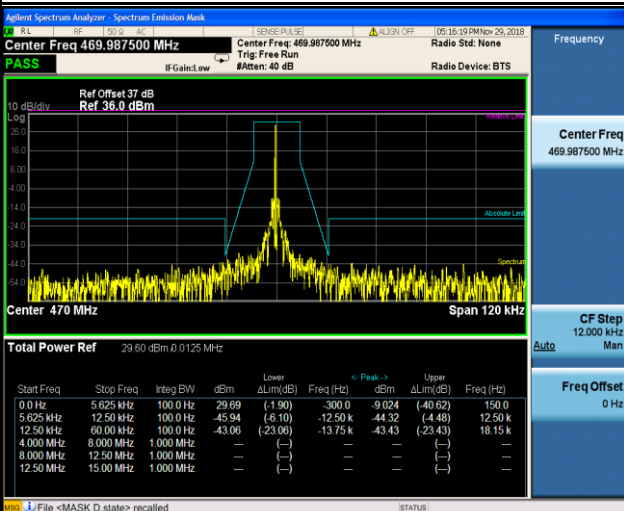


Appendix C:Emission Mask For UHF Band

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																								
TX-DNH	4FSK	CH _{M1}	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 405.987500 MHz Center Freq: 405.987500 MHz Trig: Free Run Avg: 100.00% of 10 Ref Offset 37 dB Ref 37.0 dBm IF Gain: Low Attenu: 40 dB Radio Std: None Radio Device: BTS Frequency Center Freq 405.987500 MHz CF Step 12.000 kHz Freq Offset 0 Hz 10 dB/div Log 20.0 17.0 14.0 11.0 8.0 5.0 2.0 -1.0 -4.0 -7.0 -10.0 -13.0 -16.0 -19.0 -22.0 -25.0 -28.0 -31.0 -34.0 -37.0 -40.0 -43.0 -46.0 -49.0 -52.0 -55.0 -58.0 -61.0 -64.0 -67.0 -70.0 -73.0 -76.0 -79.0 -82.0 -85.0 -88.0 -91.0 -94.0 -97.0 -100.0 20.0 17.0 14.0 11.0 8.0 5.0 2.0 -1.0 -4.0 -7.0 -10.0 -13.0 -16.0 -19.0 -22.0 -25.0 -28.0 -31.0 -34.0 -37.0 -40.0 -43.0 -46.0 -49.0 -52.0 -55.0 -58.0 -61.0 -64.0 -67.0 -70.0 -73.0 -76.0 -79.0 -82.0 -85.0 -88.0 -91.0 -94.0 -97.0 -100.0 Center 406 MHz Span 120 kHz Total Power Ref 34.21 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>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>22.68</td><td>(-9.87)</td><td>-150.0</td><td>25.91</td><td>(-6.65)</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-44.41</td><td>(-5.53)</td><td>-12.50 k</td><td>-43.73</td><td>(-5.21)</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-41.24</td><td>(-21.24)</td><td>-13.45 k</td><td>-39.21</td><td>(-19.21)</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></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></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></tr></table> File <Temp.png> saved (STATUS)	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	22.68	(-9.87)	-150.0	25.91	(-6.65)	5.625 kHz	12.50 kHz	100.0 Hz	-44.41	(-5.53)	-12.50 k	-43.73	(-5.21)	12.50 kHz	60.00 kHz	100.0 Hz	-41.24	(-21.24)	-13.45 k	-39.21	(-19.21)	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)	Upper ΔLim(dB)	Freq (Hz)																																																				
0.0 Hz	5.625 kHz	100.0 Hz	22.68	(-9.87)	-150.0	25.91	(-6.65)																																																				
5.625 kHz	12.50 kHz	100.0 Hz	-44.41	(-5.53)	-12.50 k	-43.73	(-5.21)																																																				
12.50 kHz	60.00 kHz	100.0 Hz	-41.24	(-21.24)	-13.45 k	-39.21	(-19.21)																																																				
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 _{M2}	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 406.112500 MHz Center Freq: 406.112500 MHz Trig: Free Run Avg: 100.00% of 10 Ref Offset 37 dB Ref 36.0 dBm IF Gain: Low Attenu: 40 dB Radio Std: None Radio Device: BTS Frequency Center Freq 406.112500 MHz CF Step 12.000 kHz Freq Offset 0 Hz 10 dB/div Log 20.0 16.0 12.0 8.0 4.0 0.0 -4.0 -8.0 -12.0 -16.0 -20.0 -24.0 -28.0 -32.0 -36.0 -40.0 -44.0 -48.0 -52.0 -56.0 -60.0 -64.0 -68.0 -72.0 -76.0 -80.0 -84.0 -88.0 -92.0 -96.0 -100.0 20.0 16.0 12.0 8.0 4.0 0.0 -4.0 -8.0 -12.0 -16.0 -20.0 -24.0 -28.0 -32.0 -36.0 -40.0 -44.0 -48.0 -52.0 -56.0 -60.0 -64.0 -68.0 -72.0 -76.0 -80.0 -84.0 -88.0 -92.0 -96.0 -100.0 Center 406.1 MHz Span 120 kHz Total Power Ref 30.80 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>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>30.88</td><td>(-1.59)</td><td>0.0</td><td>30.88</td><td>(-1.59)</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-46.71</td><td>(-8.83)</td><td>-12.35 k</td><td>-46.28</td><td>(-8.04)</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-41.42</td><td>(-21.42)</td><td>-14.25 k</td><td>-42.95</td><td>(-22.95)</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></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></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></tr></table> File <MASK D.state> recalled (STATUS)	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	30.88	(-1.59)	0.0	30.88	(-1.59)	5.625 kHz	12.50 kHz	100.0 Hz	-46.71	(-8.83)	-12.35 k	-46.28	(-8.04)	12.50 kHz	60.00 kHz	100.0 Hz	-41.42	(-21.42)	-14.25 k	-42.95	(-22.95)	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)	Upper ΔLim(dB)	Freq (Hz)																																																				
0.0 Hz	5.625 kHz	100.0 Hz	30.88	(-1.59)	0.0	30.88	(-1.59)																																																				
5.625 kHz	12.50 kHz	100.0 Hz	-46.71	(-8.83)	-12.35 k	-46.28	(-8.04)																																																				
12.50 kHz	60.00 kHz	100.0 Hz	-41.42	(-21.42)	-14.25 k	-42.95	(-22.95)																																																				
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 _{M2}	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 406.112500 MHz Center Freq: 406.112500 MHz Trig: Free Run Avg: 100.00% of 10 Ref Offset 37 dB Ref 36.0 dBm IF Gain: Low Attenu: 40 dB Radio Std: None Radio Device: BTS Frequency Center Freq 406.112500 MHz CF Step 12.000 kHz Freq Offset 0 Hz 10 dB/div Log 20.0 16.0 12.0 8.0 4.0 0.0 -4.0 -8.0 -12.0 -16.0 -20.0 -24.0 -28.0 -32.0 -36.0 -40.0 -44.0 -48.0 -52.0 -56.0 -60.0 -64.0 -68.0 -72.0 -76.0 -80.0 -84.0 -88.0 -92.0 -96.0 -100.0 20.0 16.0 12.0 8.0 4.0 0.0 -4.0 -8.0 -12.0 -16.0 -20.0 -24.0 -28.0 -32.0 -36.0 -40.0 -44.0 -48.0 -52.0 -56.0 -60.0 -64.0 -68.0 -72.0 -76.0 -80.0 -84.0 -88.0 -92.0 -96.0 -100.0 Center 406.1 MHz Span 120 kHz Total Power Ref 34.70 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>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>23.38</td><td>(-9.09)</td><td>-500.0</td><td>23.19</td><td>(-9.28)</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-44.51</td><td>(-5.54)</td><td>-12.50 k</td><td>-40.65</td><td>(-3.13)</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-40.26</td><td>(-20.26)</td><td>-14.65 k</td><td>-40.93</td><td>(-20.93)</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></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></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></tr></table> File <Temp.png> saved (STATUS)	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	23.38	(-9.09)	-500.0	23.19	(-9.28)	5.625 kHz	12.50 kHz	100.0 Hz	-44.51	(-5.54)	-12.50 k	-40.65	(-3.13)	12.50 kHz	60.00 kHz	100.0 Hz	-40.26	(-20.26)	-14.65 k	-40.93	(-20.93)	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)	Upper ΔLim(dB)	Freq (Hz)																																																				
0.0 Hz	5.625 kHz	100.0 Hz	23.38	(-9.09)	-500.0	23.19	(-9.28)																																																				
5.625 kHz	12.50 kHz	100.0 Hz	-44.51	(-5.54)	-12.50 k	-40.65	(-3.13)																																																				
12.50 kHz	60.00 kHz	100.0 Hz	-40.26	(-20.26)	-14.65 k	-40.93	(-20.93)																																																				
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 For UHF Band

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-DNH	4FSK	CH _{M3}	
TX-DNH	4FSK	CH _{M3}	
TX-DNH	4FSK	CH _{H1}	



Appendix C:Emission Mask For UHF Band

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																																																																																																																																																																					
TX-DNH	4FSK	CH _{H1}	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 469.987500 MHz Center Freq: 469.987500 MHz Trig: Free Run Avg: 100.00% of 10 Radio Std: None Radio Device: BTS Ref Offset 37 dB Ref 36.0 dBm Center 470 MHz Span 120 kHz Total Power Ref 33.08 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>20.58</td><td>(-11.02)</td><td>-750.0</td><td>20.96</td><td>(-10.63)</td><td>850.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-42.16</td><td>(-4.50)</td><td>-12.20 k</td><td>-42.90</td><td>(-3.79)</td><td>12.40 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-41.10</td><td>(-21.10)</td><td>-13.80 k</td><td>-41.39</td><td>(-21.39)</td><td>12.85 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> File <Temp.png> saved Frequency Center Freq 469.987500 MHz CF Step 12.000 kHz Freq Offset 0 Hz <tr><td>TX-DNL</td><td>4FSK</td><td>CH_{L1}</td><td> Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 400.012500 MHz Center Freq: 400.012500 MHz Trig: Free Run Avg: 100.00% of 10 Radio Std: None Radio Device: BTS Ref Offset 37 dB Ref 35.0 dBm Center 400 MHz Span 120 kHz Total Power Ref 29.54 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>29.63</td><td>(-1.66)</td><td>0.0</td><td>29.63</td><td>(-1.66)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-42.91</td><td>(-5.31)</td><td>-12.15 k</td><td>-40.60</td><td>(-2.99)</td><td>12.15 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-43.22</td><td>(-23.22)</td><td>-14.75 k</td><td>-42.48</td><td>(-22.48)</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></tbody></table> File <MASK.D.state> recalled Frequency Center Freq 400.012500 MHz CF Step 12.000 kHz Freq Offset 0 Hz <tr><td>TX-DNL</td><td>4FSK</td><td>CH_{L1}</td><td> Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 400.012500 MHz Center Freq: 400.012500 MHz Trig: Free Run Avg: 100.00% of 10 Radio Std: None Radio Device: BTS Ref Offset 37 dB Ref 35.0 dBm Center 400 MHz Span 120 kHz Total Power Ref 32.67 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>21.45</td><td>(-9.83)</td><td>-200.0</td><td>23.47</td><td>(-7.82)</td><td>450.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-42.07</td><td>(-1.92)</td><td>-12.50 k</td><td>-44.09</td><td>(-3.94)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-41.64</td><td>(-21.64)</td><td>-13.05 k</td><td>-40.56</td><td>(-20.56)</td><td>12.85 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> File <Temp.png> saved Frequency Center Freq 400.012500 MHz CF Step 12.000 kHz Freq Offset 0 Hz </td></tr></td></tr>	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	20.58	(-11.02)	-750.0	20.96	(-10.63)	850.0	5.625 kHz	12.50 kHz	100.0 Hz	-42.16	(-4.50)	-12.20 k	-42.90	(-3.79)	12.40 k	12.50 kHz	60.00 kHz	100.0 Hz	-41.10	(-21.10)	-13.80 k	-41.39	(-21.39)	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	—	(—)	—	—	(—)	—	TX-DNL	4FSK	CH _{L1}	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 400.012500 MHz Center Freq: 400.012500 MHz Trig: Free Run Avg: 100.00% of 10 Radio Std: None Radio Device: BTS Ref Offset 37 dB Ref 35.0 dBm Center 400 MHz Span 120 kHz Total Power Ref 29.54 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>29.63</td><td>(-1.66)</td><td>0.0</td><td>29.63</td><td>(-1.66)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-42.91</td><td>(-5.31)</td><td>-12.15 k</td><td>-40.60</td><td>(-2.99)</td><td>12.15 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-43.22</td><td>(-23.22)</td><td>-14.75 k</td><td>-42.48</td><td>(-22.48)</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></tbody></table> File <MASK.D.state> recalled Frequency Center Freq 400.012500 MHz CF Step 12.000 kHz Freq Offset 0 Hz <tr><td>TX-DNL</td><td>4FSK</td><td>CH_{L1}</td><td> Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 400.012500 MHz Center Freq: 400.012500 MHz Trig: Free Run Avg: 100.00% of 10 Radio Std: None Radio Device: BTS Ref Offset 37 dB Ref 35.0 dBm Center 400 MHz Span 120 kHz Total Power Ref 32.67 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>21.45</td><td>(-9.83)</td><td>-200.0</td><td>23.47</td><td>(-7.82)</td><td>450.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-42.07</td><td>(-1.92)</td><td>-12.50 k</td><td>-44.09</td><td>(-3.94)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-41.64</td><td>(-21.64)</td><td>-13.05 k</td><td>-40.56</td><td>(-20.56)</td><td>12.85 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> File <Temp.png> saved Frequency Center Freq 400.012500 MHz CF Step 12.000 kHz Freq Offset 0 Hz </td></tr>	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	29.63	(-1.66)	0.0	29.63	(-1.66)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-42.91	(-5.31)	-12.15 k	-40.60	(-2.99)	12.15 k	12.50 kHz	60.00 kHz	100.0 Hz	-43.22	(-23.22)	-14.75 k	-42.48	(-22.48)	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	—	(—)	—	—	(—)	—	TX-DNL	4FSK	CH _{L1}	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 400.012500 MHz Center Freq: 400.012500 MHz Trig: Free Run Avg: 100.00% of 10 Radio Std: None Radio Device: BTS Ref Offset 37 dB Ref 35.0 dBm Center 400 MHz Span 120 kHz Total Power Ref 32.67 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>21.45</td><td>(-9.83)</td><td>-200.0</td><td>23.47</td><td>(-7.82)</td><td>450.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-42.07</td><td>(-1.92)</td><td>-12.50 k</td><td>-44.09</td><td>(-3.94)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-41.64</td><td>(-21.64)</td><td>-13.05 k</td><td>-40.56</td><td>(-20.56)</td><td>12.85 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> File <Temp.png> saved Frequency Center Freq 400.012500 MHz CF Step 12.000 kHz Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	21.45	(-9.83)	-200.0	23.47	(-7.82)	450.0	5.625 kHz	12.50 kHz	100.0 Hz	-42.07	(-1.92)	-12.50 k	-44.09	(-3.94)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-41.64	(-21.64)	-13.05 k	-40.56	(-20.56)	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)																																																																																																																																																																																																
0.0 Hz	5.625 kHz	100.0 Hz	20.58	(-11.02)	-750.0	20.96	(-10.63)	850.0																																																																																																																																																																																																
5.625 kHz	12.50 kHz	100.0 Hz	-42.16	(-4.50)	-12.20 k	-42.90	(-3.79)	12.40 k																																																																																																																																																																																																
12.50 kHz	60.00 kHz	100.0 Hz	-41.10	(-21.10)	-13.80 k	-41.39	(-21.39)	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	—	(—)	—	—	(—)	—																																																																																																																																																																																																
TX-DNL	4FSK	CH _{L1}	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 400.012500 MHz Center Freq: 400.012500 MHz Trig: Free Run Avg: 100.00% of 10 Radio Std: None Radio Device: BTS Ref Offset 37 dB Ref 35.0 dBm Center 400 MHz Span 120 kHz Total Power Ref 29.54 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>29.63</td><td>(-1.66)</td><td>0.0</td><td>29.63</td><td>(-1.66)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-42.91</td><td>(-5.31)</td><td>-12.15 k</td><td>-40.60</td><td>(-2.99)</td><td>12.15 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-43.22</td><td>(-23.22)</td><td>-14.75 k</td><td>-42.48</td><td>(-22.48)</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></tbody></table> File <MASK.D.state> recalled Frequency Center Freq 400.012500 MHz CF Step 12.000 kHz Freq Offset 0 Hz <tr><td>TX-DNL</td><td>4FSK</td><td>CH_{L1}</td><td> Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 400.012500 MHz Center Freq: 400.012500 MHz Trig: Free Run Avg: 100.00% of 10 Radio Std: None Radio Device: BTS Ref Offset 37 dB Ref 35.0 dBm Center 400 MHz Span 120 kHz Total Power Ref 32.67 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>21.45</td><td>(-9.83)</td><td>-200.0</td><td>23.47</td><td>(-7.82)</td><td>450.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-42.07</td><td>(-1.92)</td><td>-12.50 k</td><td>-44.09</td><td>(-3.94)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-41.64</td><td>(-21.64)</td><td>-13.05 k</td><td>-40.56</td><td>(-20.56)</td><td>12.85 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> File <Temp.png> saved Frequency Center Freq 400.012500 MHz CF Step 12.000 kHz Freq Offset 0 Hz </td></tr>	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	29.63	(-1.66)	0.0	29.63	(-1.66)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-42.91	(-5.31)	-12.15 k	-40.60	(-2.99)	12.15 k	12.50 kHz	60.00 kHz	100.0 Hz	-43.22	(-23.22)	-14.75 k	-42.48	(-22.48)	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	—	(—)	—	—	(—)	—	TX-DNL	4FSK	CH _{L1}	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 400.012500 MHz Center Freq: 400.012500 MHz Trig: Free Run Avg: 100.00% of 10 Radio Std: None Radio Device: BTS Ref Offset 37 dB Ref 35.0 dBm Center 400 MHz Span 120 kHz Total Power Ref 32.67 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>21.45</td><td>(-9.83)</td><td>-200.0</td><td>23.47</td><td>(-7.82)</td><td>450.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-42.07</td><td>(-1.92)</td><td>-12.50 k</td><td>-44.09</td><td>(-3.94)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-41.64</td><td>(-21.64)</td><td>-13.05 k</td><td>-40.56</td><td>(-20.56)</td><td>12.85 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> File <Temp.png> saved Frequency Center Freq 400.012500 MHz CF Step 12.000 kHz Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	21.45	(-9.83)	-200.0	23.47	(-7.82)	450.0	5.625 kHz	12.50 kHz	100.0 Hz	-42.07	(-1.92)	-12.50 k	-44.09	(-3.94)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-41.64	(-21.64)	-13.05 k	-40.56	(-20.56)	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)																																																																																																																																																																																																
0.0 Hz	5.625 kHz	100.0 Hz	29.63	(-1.66)	0.0	29.63	(-1.66)	0.0																																																																																																																																																																																																
5.625 kHz	12.50 kHz	100.0 Hz	-42.91	(-5.31)	-12.15 k	-40.60	(-2.99)	12.15 k																																																																																																																																																																																																
12.50 kHz	60.00 kHz	100.0 Hz	-43.22	(-23.22)	-14.75 k	-42.48	(-22.48)	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	—	(—)	—	—	(—)	—																																																																																																																																																																																																
TX-DNL	4FSK	CH _{L1}	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 400.012500 MHz Center Freq: 400.012500 MHz Trig: Free Run Avg: 100.00% of 10 Radio Std: None Radio Device: BTS Ref Offset 37 dB Ref 35.0 dBm Center 400 MHz Span 120 kHz Total Power Ref 32.67 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>21.45</td><td>(-9.83)</td><td>-200.0</td><td>23.47</td><td>(-7.82)</td><td>450.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-42.07</td><td>(-1.92)</td><td>-12.50 k</td><td>-44.09</td><td>(-3.94)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-41.64</td><td>(-21.64)</td><td>-13.05 k</td><td>-40.56</td><td>(-20.56)</td><td>12.85 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> File <Temp.png> saved Frequency Center Freq 400.012500 MHz CF Step 12.000 kHz Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	21.45	(-9.83)	-200.0	23.47	(-7.82)	450.0	5.625 kHz	12.50 kHz	100.0 Hz	-42.07	(-1.92)	-12.50 k	-44.09	(-3.94)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-41.64	(-21.64)	-13.05 k	-40.56	(-20.56)	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)																																																																																																																																																																																																
0.0 Hz	5.625 kHz	100.0 Hz	21.45	(-9.83)	-200.0	23.47	(-7.82)	450.0																																																																																																																																																																																																
5.625 kHz	12.50 kHz	100.0 Hz	-42.07	(-1.92)	-12.50 k	-44.09	(-3.94)	12.50 k																																																																																																																																																																																																
12.50 kHz	60.00 kHz	100.0 Hz	-41.64	(-21.64)	-13.05 k	-40.56	(-20.56)	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	—	(—)	—	—	(—)	—																																																																																																																																																																																																

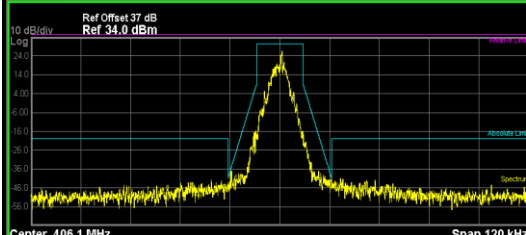
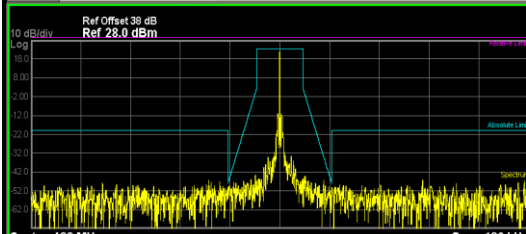
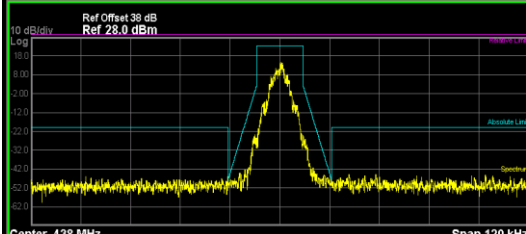


Appendix C:Emission Mask For UHF Band

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																																																																																																																																																																					
TX-DNL	4FSK	CH _{M1}	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 405.987500 MHz Center Freq: 405.987500 MHz Trig: Free Run Radio Std: None Radio Device: BTS Ref Offset 37 dB Ref 35.0 dBm Center 406 MHz Span 120 kHz Total Power Ref 28.81 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>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>28.88</td><td>(-1.66)</td><td>0.0</td><td>28.88</td><td>(-1.66)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-44.33</td><td>(-5.98)</td><td>-12.15 k</td><td>-45.40</td><td>(-5.59)</td><td>12.35 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-42.95</td><td>(-22.95)</td><td>-15.00 k</td><td>-43.41</td><td>(-23.41)</td><td>19.05 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> Frequency Center Freq 405.987500 MHz CF Step 12.000 kHz Man Freq Offset 0 Hz <tr><td>TX-DNL</td><td>4FSK</td><td>CH_{M1}</td><td> Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 405.987500 MHz Center Freq: 405.987500 MHz Trig: Free Run Radio Std: None Radio Device: BTS Ref Offset 37 dB Ref 35.0 dBm Center 406 MHz Span 120 kHz Total Power Ref 32.58 dBm 0.0125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>Peak</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>20.91</td><td>(-9.62)</td><td>-150.0</td><td>22.16</td><td>(-8.38)</td><td>550.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-44.22</td><td>(-3.32)</td><td>-12.50 k</td><td>-44.47</td><td>(-3.57)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-41.29</td><td>(-21.29)</td><td>-13.25 k</td><td>-41.85</td><td>(-21.85)</td><td>13.40 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> Frequency Center Freq 405.987500 MHz CF Step 12.000 kHz Man Freq Offset 0 Hz <tr><td>TX-DNL</td><td>4FSK</td><td>CH_{M2}</td><td> Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 406.112500 MHz Center Freq: 406.112500 MHz Trig: Free Run Radio Std: None Radio Device: BTS Ref Offset 37 dB Ref 34.0 dBm Center 406.1 MHz Span 120 kHz Total Power Ref 28.67 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>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>28.72</td><td>(-1.73)</td><td>0.0</td><td>28.89</td><td>(-1.56)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-44.40</td><td>(-5.96)</td><td>-12.15 k</td><td>-46.09</td><td>(-7.28)</td><td>12.20 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-43.05</td><td>(-23.05)</td><td>-12.90 k</td><td>-43.02</td><td>(-23.02)</td><td>15.50 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> Frequency Center Freq 406.112500 MHz CF Step 12.000 kHz Man Freq Offset 0 Hz </td></tr></td></tr>	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	Peak	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	28.88	(-1.66)	0.0	28.88	(-1.66)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-44.33	(-5.98)	-12.15 k	-45.40	(-5.59)	12.35 k	12.50 kHz	60.00 kHz	100.0 Hz	-42.95	(-22.95)	-15.00 k	-43.41	(-23.41)	19.05 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-DNL	4FSK	CH _{M1}	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 405.987500 MHz Center Freq: 405.987500 MHz Trig: Free Run Radio Std: None Radio Device: BTS Ref Offset 37 dB Ref 35.0 dBm Center 406 MHz Span 120 kHz Total Power Ref 32.58 dBm 0.0125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>Peak</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>20.91</td><td>(-9.62)</td><td>-150.0</td><td>22.16</td><td>(-8.38)</td><td>550.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-44.22</td><td>(-3.32)</td><td>-12.50 k</td><td>-44.47</td><td>(-3.57)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-41.29</td><td>(-21.29)</td><td>-13.25 k</td><td>-41.85</td><td>(-21.85)</td><td>13.40 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> Frequency Center Freq 405.987500 MHz CF Step 12.000 kHz Man Freq Offset 0 Hz <tr><td>TX-DNL</td><td>4FSK</td><td>CH_{M2}</td><td> Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 406.112500 MHz Center Freq: 406.112500 MHz Trig: Free Run Radio Std: None Radio Device: BTS Ref Offset 37 dB Ref 34.0 dBm Center 406.1 MHz Span 120 kHz Total Power Ref 28.67 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>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>28.72</td><td>(-1.73)</td><td>0.0</td><td>28.89</td><td>(-1.56)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-44.40</td><td>(-5.96)</td><td>-12.15 k</td><td>-46.09</td><td>(-7.28)</td><td>12.20 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-43.05</td><td>(-23.05)</td><td>-12.90 k</td><td>-43.02</td><td>(-23.02)</td><td>15.50 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> Frequency Center Freq 406.112500 MHz CF Step 12.000 kHz Man Freq Offset 0 Hz </td></tr>	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	Peak	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	20.91	(-9.62)	-150.0	22.16	(-8.38)	550.0	5.625 kHz	12.50 kHz	100.0 Hz	-44.22	(-3.32)	-12.50 k	-44.47	(-3.57)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-41.29	(-21.29)	-13.25 k	-41.85	(-21.85)	13.40 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—	TX-DNL	4FSK	CH _{M2}	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 406.112500 MHz Center Freq: 406.112500 MHz Trig: Free Run Radio Std: None Radio Device: BTS Ref Offset 37 dB Ref 34.0 dBm Center 406.1 MHz Span 120 kHz Total Power Ref 28.67 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>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>28.72</td><td>(-1.73)</td><td>0.0</td><td>28.89</td><td>(-1.56)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-44.40</td><td>(-5.96)</td><td>-12.15 k</td><td>-46.09</td><td>(-7.28)</td><td>12.20 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-43.05</td><td>(-23.05)</td><td>-12.90 k</td><td>-43.02</td><td>(-23.02)</td><td>15.50 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> Frequency Center Freq 406.112500 MHz CF Step 12.000 kHz Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	Peak	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	28.72	(-1.73)	0.0	28.89	(-1.56)	50.00	5.625 kHz	12.50 kHz	100.0 Hz	-44.40	(-5.96)	-12.15 k	-46.09	(-7.28)	12.20 k	12.50 kHz	60.00 kHz	100.0 Hz	-43.05	(-23.05)	-12.90 k	-43.02	(-23.02)	15.50 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	Peak	Upper ΔLim(dB)	Freq (Hz)																																																																																																																																																																																																
0.0 Hz	5.625 kHz	100.0 Hz	28.88	(-1.66)	0.0	28.88	(-1.66)	0.0																																																																																																																																																																																																
5.625 kHz	12.50 kHz	100.0 Hz	-44.33	(-5.98)	-12.15 k	-45.40	(-5.59)	12.35 k																																																																																																																																																																																																
12.50 kHz	60.00 kHz	100.0 Hz	-42.95	(-22.95)	-15.00 k	-43.41	(-23.41)	19.05 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-DNL	4FSK	CH _{M1}	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 405.987500 MHz Center Freq: 405.987500 MHz Trig: Free Run Radio Std: None Radio Device: BTS Ref Offset 37 dB Ref 35.0 dBm Center 406 MHz Span 120 kHz Total Power Ref 32.58 dBm 0.0125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>Peak</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>20.91</td><td>(-9.62)</td><td>-150.0</td><td>22.16</td><td>(-8.38)</td><td>550.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-44.22</td><td>(-3.32)</td><td>-12.50 k</td><td>-44.47</td><td>(-3.57)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-41.29</td><td>(-21.29)</td><td>-13.25 k</td><td>-41.85</td><td>(-21.85)</td><td>13.40 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> Frequency Center Freq 405.987500 MHz CF Step 12.000 kHz Man Freq Offset 0 Hz <tr><td>TX-DNL</td><td>4FSK</td><td>CH_{M2}</td><td> Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 406.112500 MHz Center Freq: 406.112500 MHz Trig: Free Run Radio Std: None Radio Device: BTS Ref Offset 37 dB Ref 34.0 dBm Center 406.1 MHz Span 120 kHz Total Power Ref 28.67 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>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>28.72</td><td>(-1.73)</td><td>0.0</td><td>28.89</td><td>(-1.56)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-44.40</td><td>(-5.96)</td><td>-12.15 k</td><td>-46.09</td><td>(-7.28)</td><td>12.20 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-43.05</td><td>(-23.05)</td><td>-12.90 k</td><td>-43.02</td><td>(-23.02)</td><td>15.50 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> Frequency Center Freq 406.112500 MHz CF Step 12.000 kHz Man Freq Offset 0 Hz </td></tr>	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	Peak	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	20.91	(-9.62)	-150.0	22.16	(-8.38)	550.0	5.625 kHz	12.50 kHz	100.0 Hz	-44.22	(-3.32)	-12.50 k	-44.47	(-3.57)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-41.29	(-21.29)	-13.25 k	-41.85	(-21.85)	13.40 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—	TX-DNL	4FSK	CH _{M2}	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 406.112500 MHz Center Freq: 406.112500 MHz Trig: Free Run Radio Std: None Radio Device: BTS Ref Offset 37 dB Ref 34.0 dBm Center 406.1 MHz Span 120 kHz Total Power Ref 28.67 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>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>28.72</td><td>(-1.73)</td><td>0.0</td><td>28.89</td><td>(-1.56)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-44.40</td><td>(-5.96)</td><td>-12.15 k</td><td>-46.09</td><td>(-7.28)</td><td>12.20 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-43.05</td><td>(-23.05)</td><td>-12.90 k</td><td>-43.02</td><td>(-23.02)</td><td>15.50 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> Frequency Center Freq 406.112500 MHz CF Step 12.000 kHz Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	Peak	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	28.72	(-1.73)	0.0	28.89	(-1.56)	50.00	5.625 kHz	12.50 kHz	100.0 Hz	-44.40	(-5.96)	-12.15 k	-46.09	(-7.28)	12.20 k	12.50 kHz	60.00 kHz	100.0 Hz	-43.05	(-23.05)	-12.90 k	-43.02	(-23.02)	15.50 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																																			
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	Peak	Upper ΔLim(dB)	Freq (Hz)																																																																																																																																																																																																
0.0 Hz	5.625 kHz	100.0 Hz	20.91	(-9.62)	-150.0	22.16	(-8.38)	550.0																																																																																																																																																																																																
5.625 kHz	12.50 kHz	100.0 Hz	-44.22	(-3.32)	-12.50 k	-44.47	(-3.57)	12.50 k																																																																																																																																																																																																
12.50 kHz	60.00 kHz	100.0 Hz	-41.29	(-21.29)	-13.25 k	-41.85	(-21.85)	13.40 k																																																																																																																																																																																																
4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																																																																																																																																																																
8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																																																																																																																																																																
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																																																																																																																																																																
TX-DNL	4FSK	CH _{M2}	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 406.112500 MHz Center Freq: 406.112500 MHz Trig: Free Run Radio Std: None Radio Device: BTS Ref Offset 37 dB Ref 34.0 dBm Center 406.1 MHz Span 120 kHz Total Power Ref 28.67 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>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>28.72</td><td>(-1.73)</td><td>0.0</td><td>28.89</td><td>(-1.56)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-44.40</td><td>(-5.96)</td><td>-12.15 k</td><td>-46.09</td><td>(-7.28)</td><td>12.20 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-43.05</td><td>(-23.05)</td><td>-12.90 k</td><td>-43.02</td><td>(-23.02)</td><td>15.50 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> Frequency Center Freq 406.112500 MHz CF Step 12.000 kHz Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	Peak	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	28.72	(-1.73)	0.0	28.89	(-1.56)	50.00	5.625 kHz	12.50 kHz	100.0 Hz	-44.40	(-5.96)	-12.15 k	-46.09	(-7.28)	12.20 k	12.50 kHz	60.00 kHz	100.0 Hz	-43.05	(-23.05)	-12.90 k	-43.02	(-23.02)	15.50 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																																																																																																						
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	Peak	Upper ΔLim(dB)	Freq (Hz)																																																																																																																																																																																																
0.0 Hz	5.625 kHz	100.0 Hz	28.72	(-1.73)	0.0	28.89	(-1.56)	50.00																																																																																																																																																																																																
5.625 kHz	12.50 kHz	100.0 Hz	-44.40	(-5.96)	-12.15 k	-46.09	(-7.28)	12.20 k																																																																																																																																																																																																
12.50 kHz	60.00 kHz	100.0 Hz	-43.05	(-23.05)	-12.90 k	-43.02	(-23.02)	15.50 k																																																																																																																																																																																																
4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																																																																																																																																																																
8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																																																																																																																																																																
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																																																																																																																																																																



Appendix C:Emission Mask For UHF Band

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																															
TX-DNL	4FSK	CH _{M2}	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF SD AC SENSE PULSE ALIGN OFF 03:04:09 PM Nov 29, 2018 Center Freq 406.112500 MHz Center Freq: 406.112500 MHz Radio Std: None PASS IF Gain: Low Attenu: 40 dB Avg: 100.00% of 10 Radio Device: BTS Ref Offset 37 dB Ref 34.0 dBm  Center 406.1 MHz Span 120 kHz Total Power Ref 33.97 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 ></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>20.07</td><td>(-10.38)</td><td>-700.0</td><td>26.60</td><td>(-3.86)</td><td>550.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-37.18</td><td>(-2.37)</td><td>-11.65 k</td><td>-41.09</td><td>(-0.11)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-41.57</td><td>(-21.57)</td><td>-16.45 k</td><td>-40.87</td><td>(-20.87)</td><td>14.75 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></table> File <Temp.png> saved STATUS Frequency Center Freq 406.112500 MHz CF Step 12.000 kHz Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak >	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	20.07	(-10.38)	-700.0	26.60	(-3.86)	550.0	5.625 kHz	12.50 kHz	100.0 Hz	-37.18	(-2.37)	-11.65 k	-41.09	(-0.11)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-41.57	(-21.57)	-16.45 k	-40.87	(-20.87)	14.75 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak >	Upper ΔLim(dB)	Freq (Hz)																																																										
0.0 Hz	5.625 kHz	100.0 Hz	20.07	(-10.38)	-700.0	26.60	(-3.86)	550.0																																																										
5.625 kHz	12.50 kHz	100.0 Hz	-37.18	(-2.37)	-11.65 k	-41.09	(-0.11)	12.50 k																																																										
12.50 kHz	60.00 kHz	100.0 Hz	-41.57	(-21.57)	-16.45 k	-40.87	(-20.87)	14.75 k																																																										
4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
TX-DNL	4FSK	CH _{M3}	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF SD AC SENSE PULSE ALIGN OFF 03:05:52 PM Nov 29, 2018 Center Freq 438.012500 MHz Center Freq: 438.012500 MHz Radio Std: None PASS IF Gain: Low Attenu: 40 dB Avg: 100.00% of 10 Radio Device: BTS Ref Offset 38 dB Ref 28.0 dBm  Center 438 MHz Span 120 kHz Total Power Ref 22.11 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 ></th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>22.29</td><td>(-1.25)</td><td>0.0</td><td>22.29</td><td>(-1.25)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-49.73</td><td>(-3.86)</td><td>-12.25 k</td><td>-51.90</td><td>(-6.19)</td><td>12.20 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-46.45</td><td>(-26.45)</td><td>-17.10 k</td><td>-46.36</td><td>(-26.36)</td><td>34.45 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></table> File <MASK.D.state> recalled STATUS Frequency Center Freq 438.012500 MHz CF Step 12.000 kHz Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak >	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	22.29	(-1.25)	0.0	22.29	(-1.25)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-49.73	(-3.86)	-12.25 k	-51.90	(-6.19)	12.20 k	12.50 kHz	60.00 kHz	100.0 Hz	-46.45	(-26.45)	-17.10 k	-46.36	(-26.36)	34.45 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak >	Upper ΔLim(dB)	Freq (Hz)																																																										
0.0 Hz	5.625 kHz	100.0 Hz	22.29	(-1.25)	0.0	22.29	(-1.25)	0.0																																																										
5.625 kHz	12.50 kHz	100.0 Hz	-49.73	(-3.86)	-12.25 k	-51.90	(-6.19)	12.20 k																																																										
12.50 kHz	60.00 kHz	100.0 Hz	-46.45	(-26.45)	-17.10 k	-46.36	(-26.36)	34.45 k																																																										
4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
TX-DNL	4FSK	CH _{M3}	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF SD AC SENSE PULSE ALIGN OFF 03:06:24 PM Nov 29, 2018 Center Freq 438.012500 MHz Center Freq: 438.012500 MHz Radio Std: None PASS IF Gain: Low Attenu: 40 dB Avg: 100.00% of 10 Radio Device: BTS Ref Offset 38 dB Ref 28.0 dBm  Center 438 MHz Span 120 kHz Total Power Ref 25.51 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 ></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>13.49</td><td>(-10.06)</td><td>0.0</td><td>14.62</td><td>(-8.93)</td><td>450.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-48.96</td><td>(-1.07)</td><td>-12.50 k</td><td>-48.11</td><td>(-0.22)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-45.89</td><td>(-25.89)</td><td>-12.60 k</td><td>-44.75</td><td>(-24.75)</td><td>23.20 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></table> File <Temp.png> saved STATUS Frequency Center Freq 438.012500 MHz CF Step 12.000 kHz Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak >	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	13.49	(-10.06)	0.0	14.62	(-8.93)	450.0	5.625 kHz	12.50 kHz	100.0 Hz	-48.96	(-1.07)	-12.50 k	-48.11	(-0.22)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-45.89	(-25.89)	-12.60 k	-44.75	(-24.75)	23.20 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 >	Upper ΔLim(dB)	Freq (Hz)																																																										
0.0 Hz	5.625 kHz	100.0 Hz	13.49	(-10.06)	0.0	14.62	(-8.93)	450.0																																																										
5.625 kHz	12.50 kHz	100.0 Hz	-48.96	(-1.07)	-12.50 k	-48.11	(-0.22)	12.50 k																																																										
12.50 kHz	60.00 kHz	100.0 Hz	-45.89	(-25.89)	-12.60 k	-44.75	(-24.75)	23.20 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	—	(—)	—	—	(—)	—																																																										