

Project No.	SHT2204094504EW		
Test sample No.	YPHT22040945002	Model No.	UP305
Start test date	2022/7/4	Finish date	2022/8/10
Temperature	24.0°C	Humidity	47%
Test Engineer	<i>Chunshui Gu</i>	Auditor	<i>Xiaolong Zhu</i>

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

Appendix A:Maximum Transmitter Power

Operation Mode	Modulation Type	Test Channel	Measured Power(dBm)	Measured Power(W)	Rated Power(W)	Percentage(%))	Limit (%)	Result
TX-DNH	4FSK	CH _L	36.1	4.07	4.00	1.8	±20	PASS
TX-DNH	4FSK	CH _{M1}	36.0	3.98	4.00	-0.5	±20	PASS
TX-DNH	4FSK	CH _{M2}	35.9	3.89	4.00	-2.8	±20	PASS
TX-DNH	4FSK	CH _{M3}	35.7	3.72	4.00	-7.0	±20	PASS
TX-DNH	4FSK	CH _H	35.8	3.80	4.00	-5.0	±20	PASS
TX-DNL	4FSK	CH _L	29.2	0.82	1.00	-18.0	±20	PASS
TX-DNL	4FSK	CH _{M1}	29.1	0.81	1.00	-19.0	±20	PASS
TX-DNL	4FSK	CH _{M2}	29.1	0.81	1.00	-19.0	±20	PASS
TX-DNL	4FSK	CH _{M3}	29.5	0.90	1.00	-10.0	±20	PASS
TX-DNL	4FSK	CH _H	29.7	0.93	1.00	-7.0	±20	PASS
TX-ANH	FM	CH _L	36.2	4.17	4.00	4.3	±20	PASS
TX-ANH	FM	CH _{M1}	36.1	4.07	4.00	1.8	±20	PASS
TX-ANH	FM	CH _{M2}	36.0	3.98	4.00	-0.5	±20	PASS
TX-ANH	FM	CH _{M3}	36.1	4.07	4.00	1.8	±20	PASS
TX-ANH	FM	CH _H	35.6	3.63	4.00	-9.3	±20	PASS
TX-ANL	FM	CH _L	29.5	0.89	1.00	-11.0	±20	PASS
TX-ANL	FM	CH _{M1}	29.4	0.87	1.00	-13.0	±20	PASS
TX-ANL	FM	CH _{M2}	29.6	0.91	1.00	-9.0	±20	PASS
TX-ANL	FM	CH _{M3}	30.1	1.02	1.00	2.0	±20	PASS
TX-ANL	FM	CH _H	30.2	1.05	1.00	5.0	±20	PASS

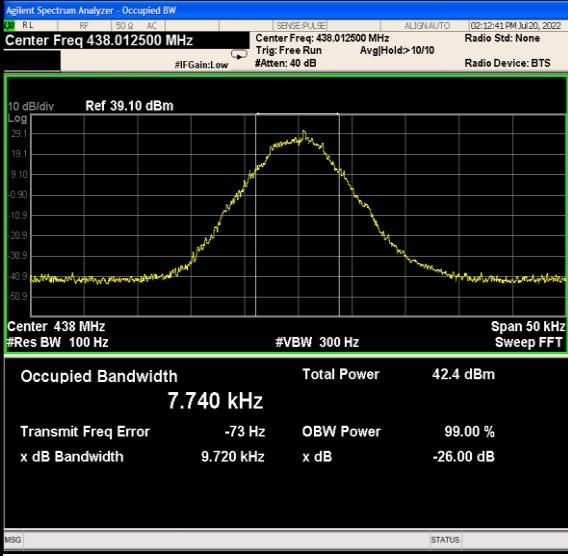
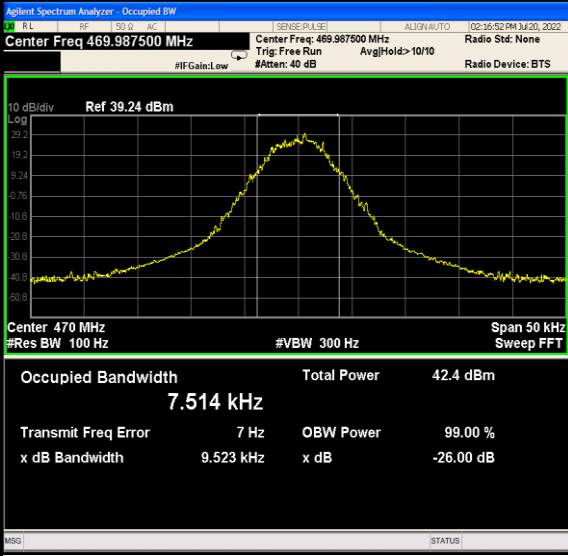
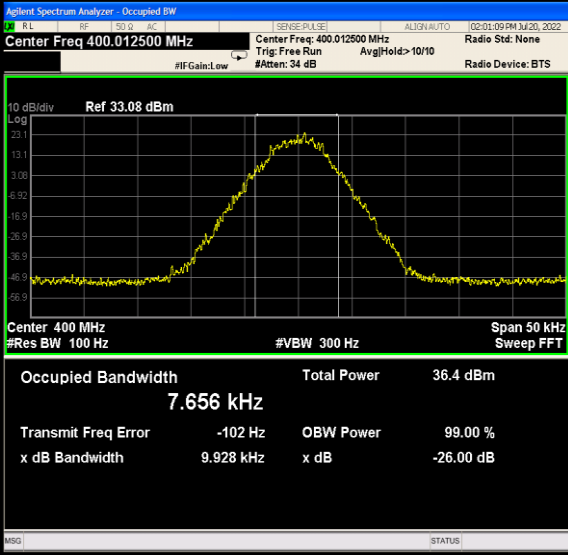
Appendix B:Occupied Bandwidth

Operation Mode	Modulation Type	Test Channel	Occupied Bandwidth		99% Limit(kHz)	Result
			99%(kHz)	26dB(kHz)		
TX-DNH	4FSK	CH _L	7.385	9.429	≤ 11.25	PASS
TX-DNH	4FSK	CH _{M1}	7.630	9.552	≤ 11.25	PASS
TX-DNH	4FSK	CH _{M2}	7.791	9.780	≤ 11.25	PASS
TX-DNH	4FSK	CH _{M3}	7.740	9.720	≤ 11.25	PASS
TX-DNH	4FSK	CH _H	7.514	9.523	≤ 11.25	PASS
TX-DNL	4FSK	CH _L	7.656	9.928	≤ 11.25	PASS
TX-DNL	4FSK	CH _{M1}	7.696	9.522	≤ 11.25	PASS
TX-DNL	4FSK	CH _{M2}	7.652	9.616	≤ 11.25	PASS
TX-DNL	4FSK	CH _{M3}	7.688	9.760	≤ 11.25	PASS
TX-DNL	4FSK	CH _H	7.642	9.549	≤ 11.25	PASS
TX-ANH	FM	CH _L	9.914	10.140	≤ 11.25	PASS
TX-ANH	FM	CH _{M1}	9.898	10.150	≤ 11.25	PASS
TX-ANH	FM	CH _{M2}	9.879	10.140	≤ 11.25	PASS
TX-ANH	FM	CH _{M3}	9.911	10.140	≤ 11.25	PASS
TX-ANH	FM	CH _H	9.901	10.140	≤ 11.25	PASS
TX-ANL	FM	CH _L	9.900	10.150	≤ 11.25	PASS
TX-ANL	FM	CH _{M1}	9.908	10.140	≤ 11.25	PASS
TX-ANL	FM	CH _{M2}	9.913	10.140	≤ 11.25	PASS
TX-ANL	FM	CH _{M3}	9.906	10.140	≤ 11.25	PASS
TX-ANL	FM	CH _H	9.899	10.140	≤ 11.25	PASS

Appendix B:Occupied Bandwidth

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-DNH	4FSK	CH _L	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 400.012500 MHz Center Freq: 400.012500 MHz Radio Std: None</p> <p>Trig: Free Run AvgHold->10/10</p> <p>#FGain:Low #Atten: 40 dB Radio Device: BTS</p> <p>10 dB/div Ref 39.55 dBm</p> <p>Center 400 MHz Span 50 kHz</p> <p>#Res BW 100 Hz #VBW 300 Hz Sweep FFT</p> <p>Occupied Bandwidth Total Power 42.6 dBm</p> <p>7.385 kHz</p> <p>Transmit Freq Error -93 Hz OBW Power 99.00 %</p> <p>x dB Bandwidth 9.429 kHz x dB -26.00 dB</p> <p>Frequency: 400.012500 MHz</p> <p>Center Freq: 400.012500 MHz</p> <p>CF Step: 5.000 kHz</p> <p>Freq Offset: 0 Hz</p>
TX-DNH	4FSK	CH _{M1}	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 405.987500 MHz Center Freq: 405.987500 MHz Radio Std: None</p> <p>Trig: Free Run AvgHold->10/10</p> <p>#FGain:Low #Atten: 40 dB Radio Device: BTS</p> <p>10 dB/div Ref 39.61 dBm</p> <p>Center 406 MHz Span 50 kHz</p> <p>#Res BW 100 Hz #VBW 300 Hz Sweep FFT</p> <p>Occupied Bandwidth Total Power 42.3 dBm</p> <p>7.630 kHz</p> <p>Transmit Freq Error -104 Hz OBW Power 99.00 %</p> <p>x dB Bandwidth 9.552 kHz x dB -26.00 dB</p> <p>Frequency: 405.987500 MHz</p> <p>Center Freq: 405.987500 MHz</p> <p>CF Step: 5.000 kHz</p> <p>Freq Offset: 0 Hz</p>
TX-DNH	4FSK	CH _{M2}	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 406.112500 MHz Center Freq: 406.112500 MHz Radio Std: None</p> <p>Trig: Free Run AvgHold->10/10</p> <p>#FGain:Low #Atten: 40 dB Radio Device: BTS</p> <p>10 dB/div Ref 39.54 dBm</p> <p>Center 406.1 MHz Span 50 kHz</p> <p>#Res BW 100 Hz #VBW 300 Hz Sweep FFT</p> <p>Occupied Bandwidth Total Power 42.6 dBm</p> <p>7.791 kHz</p> <p>Transmit Freq Error -90 Hz OBW Power 99.00 %</p> <p>x dB Bandwidth 9.780 kHz x dB -26.00 dB</p> <p>Frequency: 406.112500 MHz</p> <p>Center Freq: 406.112500 MHz</p> <p>CF Step: 5.000 kHz</p> <p>Freq Offset: 0 Hz</p>

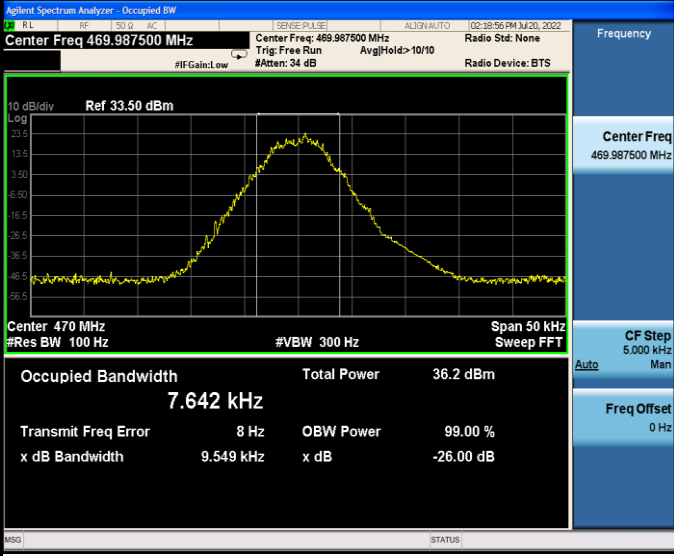
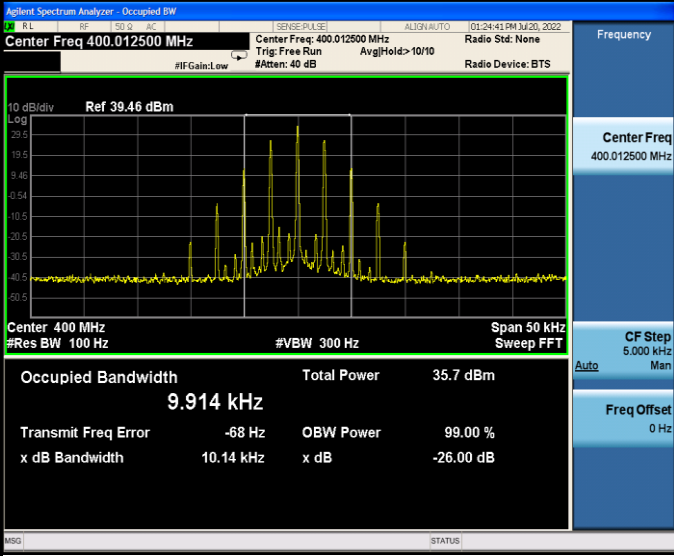
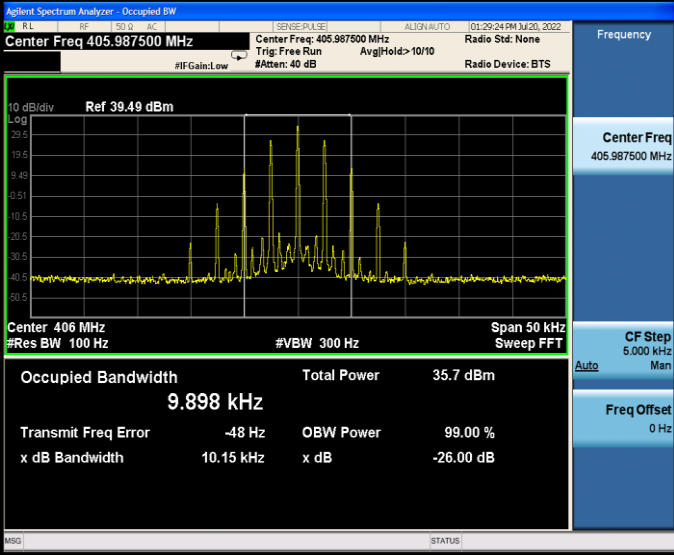
Appendix B:Occupied Bandwidth

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-DNH	4FSK	CH _{M3}	 <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 438.012500 MHz</p> <p>Total Power 42.4 dBm</p> <p>Occupied Bandwidth 7.740 kHz</p> <p>Transmit Freq Error -73 Hz</p> <p>x dB Bandwidth 9.720 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB -26.00 dB</p>
TX-DNH	4FSK	CH _H	 <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 469.987500 MHz</p> <p>Total Power 42.4 dBm</p> <p>Occupied Bandwidth 7.514 kHz</p> <p>Transmit Freq Error 7 Hz</p> <p>x dB Bandwidth 9.523 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB -26.00 dB</p>
TX-DNL	4FSK	CH _L	 <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 400.012500 MHz</p> <p>Total Power 36.4 dBm</p> <p>Occupied Bandwidth 7.656 kHz</p> <p>Transmit Freq Error -102 Hz</p> <p>x dB Bandwidth 9.928 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB -26.00 dB</p>

Appendix B:Occupied Bandwidth

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-DNL	4FSK	CH _{M1}	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 405.987500 MHz</p> <p>Ref 33.06 dBm</p> <p>Occupied Bandwidth 7.696 kHz</p> <p>Total Power 36.0 dBm</p> <p>Transmit Freq Error -8 Hz</p> <p>OBW Power 99.00 %</p>
TX-DNL	4FSK	CH _{M2}	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 406.112500 MHz</p> <p>Ref 32.94 dBm</p> <p>Occupied Bandwidth 7.652 kHz</p> <p>Total Power 36.3 dBm</p> <p>Transmit Freq Error -30 Hz</p> <p>OBW Power 99.00 %</p>
TX-DNL	4FSK	CH _{M3}	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 438.012500 MHz</p> <p>Ref 32.98 dBm</p> <p>Occupied Bandwidth 7.688 kHz</p> <p>Total Power 36.0 dBm</p> <p>Transmit Freq Error -22 Hz</p> <p>OBW Power 99.00 %</p>

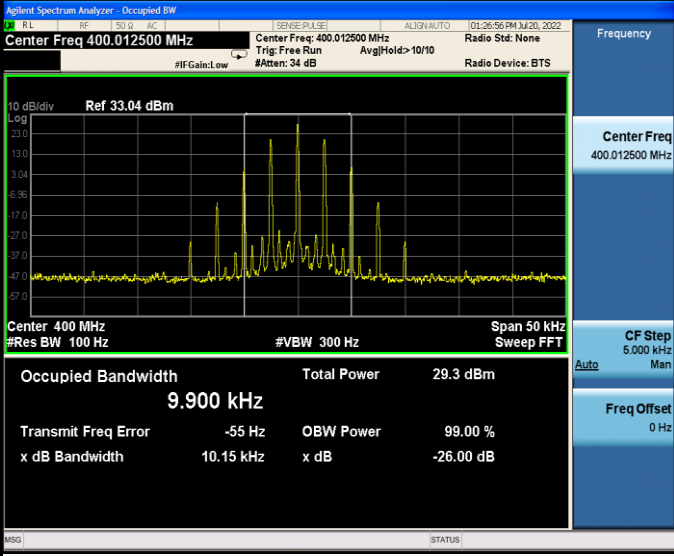
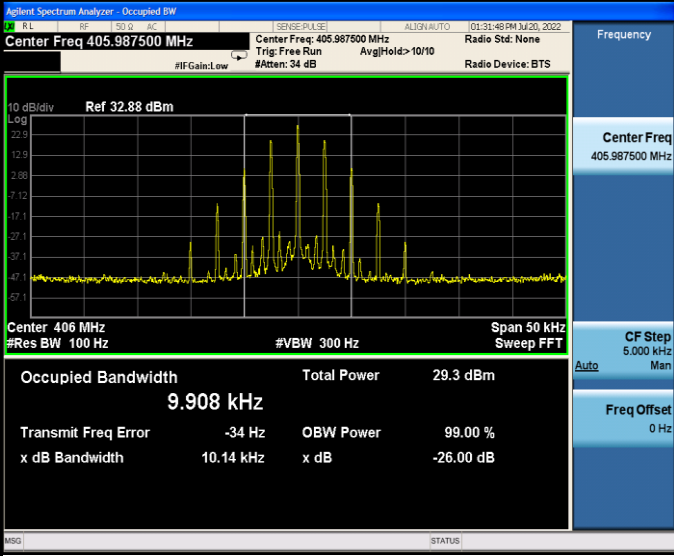
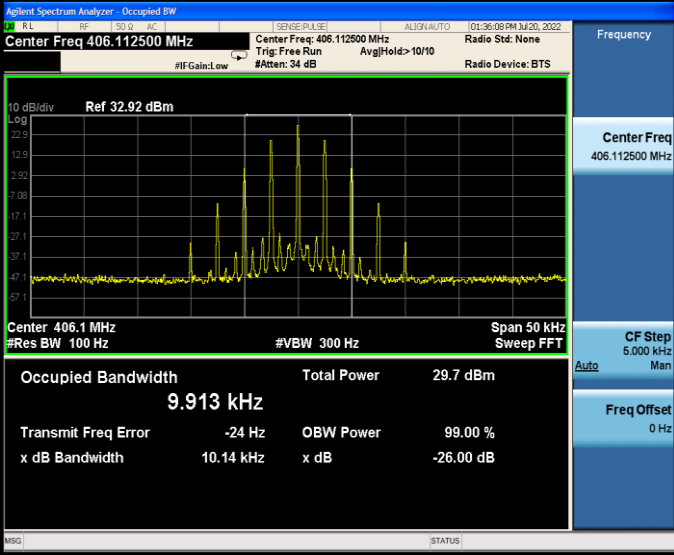
Appendix B:Occupied Bandwidth

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-DNL	4FSK	CH _H	 <p>Agilent Spectrum Analyzer - Occupied BW Center Freq 469.987500 MHz Center Freq: 469.987500 MHz Trig: Free Run AvgHold: 10/10 Radio Std: None #FGain: Low #Atten: 34 dB Radio Device: BTS</p> <p>10 dB/div Ref 33.50 dBm L-0g 23.6 13.6 3.50 -6.50 -16.5 -26.5 -36.5 -46.5 -56.5</p> <p>Center 470 MHz #Res BW 100 Hz #VBW 300 Hz Span 50 kHz Sweep FFT</p> <p>Occupied Bandwidth 7.642 kHz Total Power 36.2 dBm Transmit Freq Error 8 Hz OBW Power 99.00 % x dB Bandwidth 9.549 kHz x dB -26.00 dB</p> <p>Frequency 469.987500 MHz CF Step 5.000 kHz Freq Offset 0 Hz</p>
TX-ANH	FM	CH _L	 <p>Agilent Spectrum Analyzer - Occupied BW Center Freq 400.012500 MHz Center Freq: 400.012500 MHz Trig: Free Run AvgHold: 10/10 Radio Std: None #FGain: Low #Atten: 40 dB Radio Device: BTS</p> <p>10 dB/div Ref 39.46 dBm L-0g 29.6 19.6 9.46 -0.54 -10.5 -20.5 -30.5 -40.5 -50.5</p> <p>Center 400 MHz #Res BW 100 Hz #VBW 300 Hz Span 50 kHz Sweep FFT</p> <p>Occupied Bandwidth 9.914 kHz Total Power 35.7 dBm Transmit Freq Error -68 Hz OBW Power 99.00 % x dB Bandwidth 10.14 kHz x dB -26.00 dB</p> <p>Frequency 400.012500 MHz CF Step 5.000 kHz Freq Offset 0 Hz</p>
TX-ANH	FM	CH _{M1}	 <p>Agilent Spectrum Analyzer - Occupied BW Center Freq 405.987500 MHz Center Freq: 405.987500 MHz Trig: Free Run AvgHold: 10/10 Radio Std: None #FGain: Low #Atten: 40 dB Radio Device: BTS</p> <p>10 dB/div Ref 39.49 dBm L-0g 29.6 19.6 9.49 -0.51 -10.5 -20.5 -30.5 -40.5 -50.5</p> <p>Center 406 MHz #Res BW 100 Hz #VBW 300 Hz Span 50 kHz Sweep FFT</p> <p>Occupied Bandwidth 9.898 kHz Total Power 35.7 dBm Transmit Freq Error -48 Hz OBW Power 99.00 % x dB Bandwidth 10.15 kHz x dB -26.00 dB</p> <p>Frequency 405.987500 MHz CF Step 5.000 kHz Freq Offset 0 Hz</p>

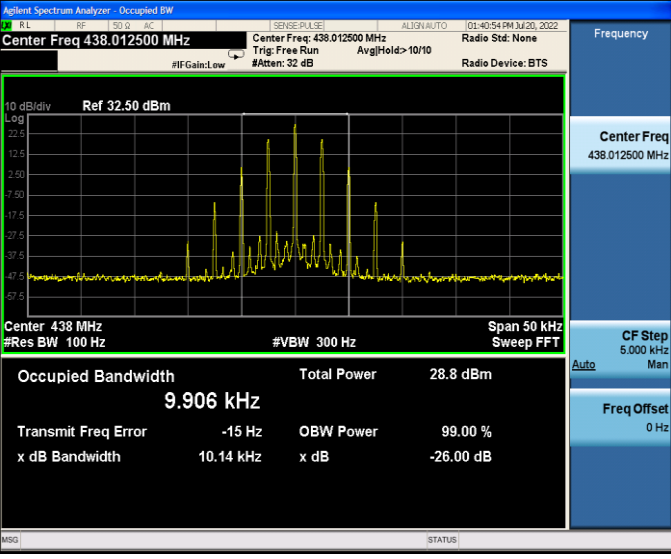
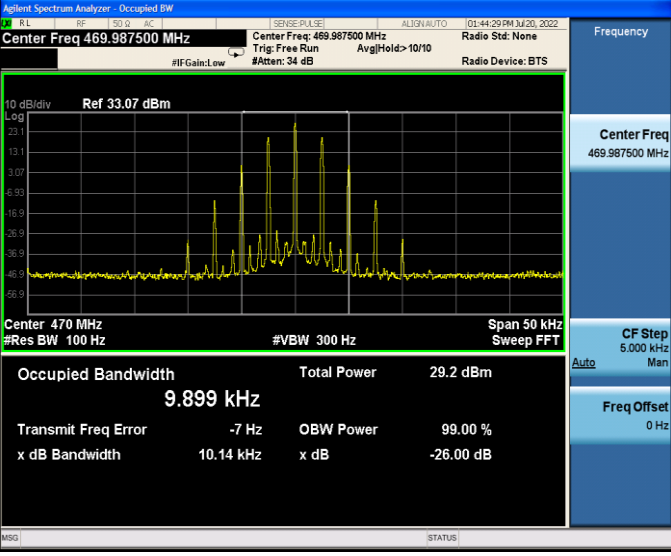
Appendix B:Occupied Bandwidth

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-ANH	FM	CH _{M2}	<p>Agilent Spectrum Analyzer - Occupied BW Center Freq 406.112500 MHz Total Power 36.1 dBm Occupied Bandwidth 9.879 kHz Transmit Freq Error -38 Hz x dB Bandwidth 10.14 kHz</p>
TX-ANH	FM	CH _{M3}	<p>Agilent Spectrum Analyzer - Occupied BW Center Freq 438.012500 MHz Total Power 35.7 dBm Occupied Bandwidth 9.911 kHz Transmit Freq Error -27 Hz x dB Bandwidth 10.14 kHz</p>
TX-ANH	FM	CH _H	<p>Agilent Spectrum Analyzer - Occupied BW Center Freq 469.987500 MHz Total Power 35.4 dBm Occupied Bandwidth 9.901 kHz Transmit Freq Error -15 Hz x dB Bandwidth 10.14 kHz</p>

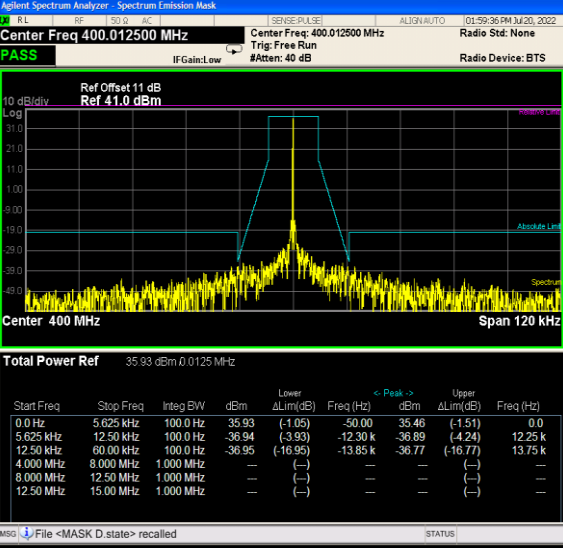
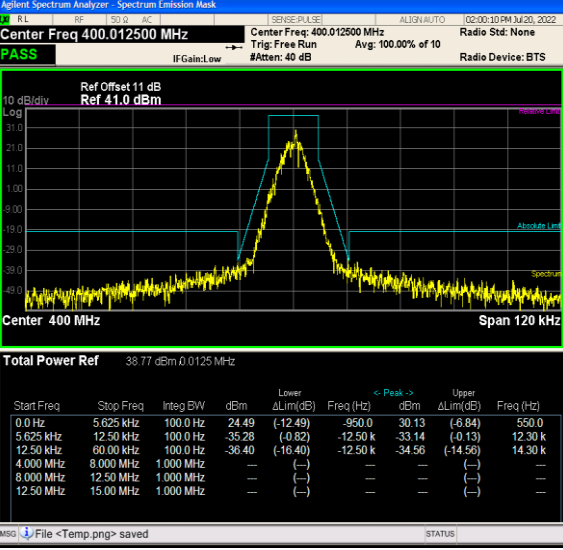
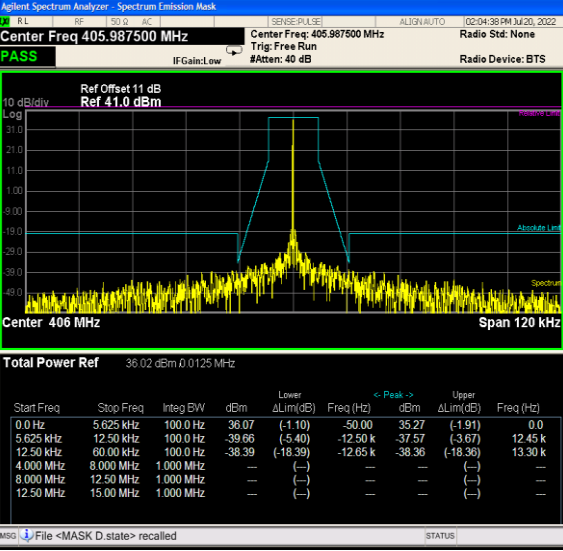
Appendix B:Occupied Bandwidth

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-ANL	FM	CH _L	 <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 400.012500 MHz</p> <p>Ref 33.04 dBm</p> <p>Occupied Bandwidth 9.900 kHz</p> <p>Total Power 29.3 dBm</p> <p>Transmit Freq Error -55 Hz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 10.15 kHz</p> <p>x dB -26.00 dB</p>
TX-ANL	FM	CH _{M1}	 <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 405.987500 MHz</p> <p>Ref 32.88 dBm</p> <p>Occupied Bandwidth 9.908 kHz</p> <p>Total Power 29.3 dBm</p> <p>Transmit Freq Error -34 Hz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 10.14 kHz</p> <p>x dB -26.00 dB</p>
TX-ANL	FM	CH _{M2}	 <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 406.112500 MHz</p> <p>Ref 32.92 dBm</p> <p>Occupied Bandwidth 9.913 kHz</p> <p>Total Power 29.7 dBm</p> <p>Transmit Freq Error -24 Hz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 10.14 kHz</p> <p>x dB -26.00 dB</p>

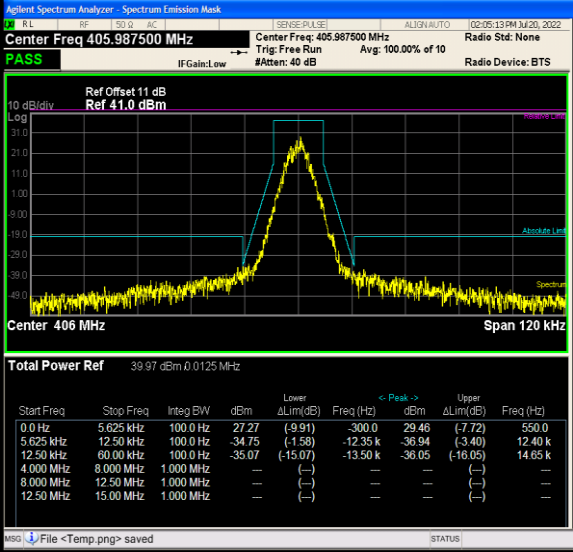
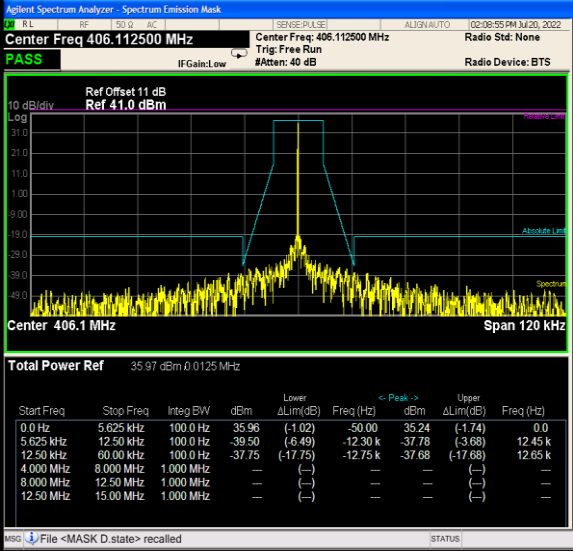
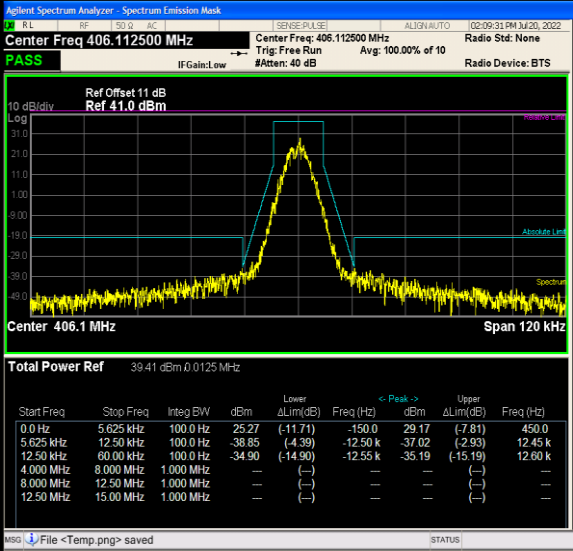
Appendix B:Occupied Bandwidth

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-ANL	FM	CH _{M3}	 <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 438.012500 MHz</p> <p>Center Freq: 438.012500 MHz</p> <p>Trig: Free Run</p> <p>Avg/Hold: 10/10</p> <p>Radio Std: None</p> <p>#IF Gain: Low</p> <p>#Atten: 32 dB</p> <p>Radio Device: BTS</p> <p>10 dB/div Ref 32.50 dBm</p> <p>Center 438 MHz</p> <p>#Res BW 100 Hz</p> <p>#VBW 300 Hz</p> <p>Span 50 kHz</p> <p>Sweep FFT</p> <p>Occupied Bandwidth 9.906 kHz</p> <p>Total Power 28.8 dBm</p> <p>Transmit Freq Error -15 Hz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 10.14 kHz</p> <p>x dB -26.00 dB</p> <p>Frequency 438.012500 MHz</p> <p>CF Step 5.000 kHz</p> <p>Freq Offset 0 Hz</p>
TX-ANL	FM	CH _H	 <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 469.987500 MHz</p> <p>Center Freq: 469.987500 MHz</p> <p>Trig: Free Run</p> <p>Avg/Hold: 10/10</p> <p>Radio Std: None</p> <p>#IF Gain: Low</p> <p>#Atten: 34 dB</p> <p>Radio Device: BTS</p> <p>10 dB/div Ref 33.07 dBm</p> <p>Center 470 MHz</p> <p>#Res BW 100 Hz</p> <p>#VBW 300 Hz</p> <p>Span 50 kHz</p> <p>Sweep FFT</p> <p>Occupied Bandwidth 9.899 kHz</p> <p>Total Power 29.2 dBm</p> <p>Transmit Freq Error -7 Hz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 10.14 kHz</p> <p>x dB -26.00 dB</p> <p>Frequency 469.987500 MHz</p> <p>CF Step 5.000 kHz</p> <p>Freq Offset 0 Hz</p>

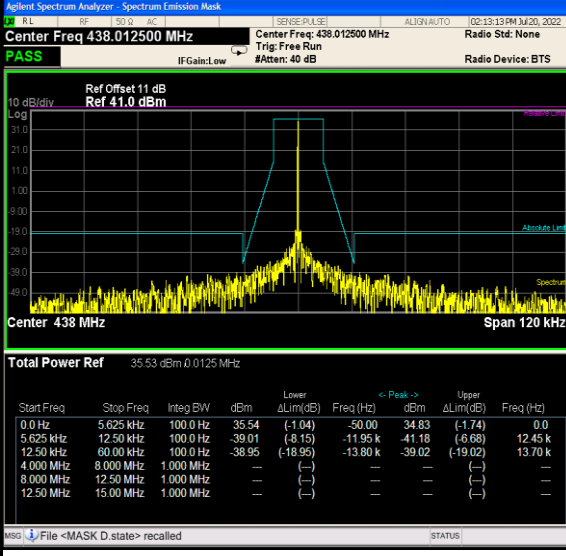
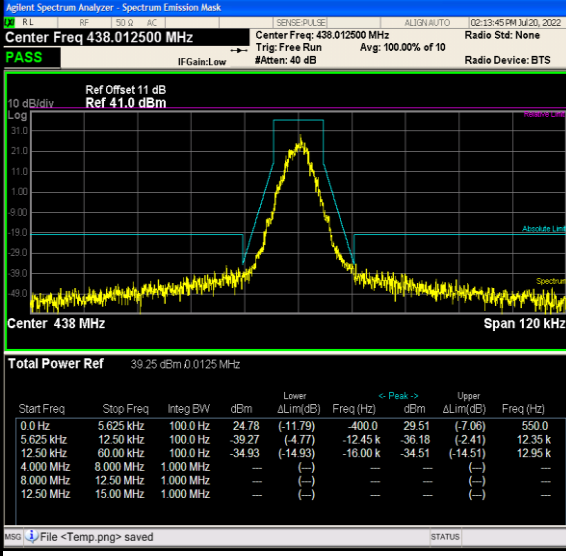
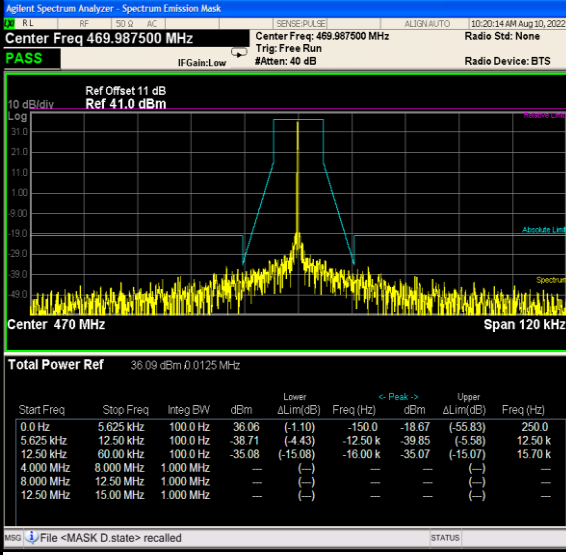
Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																															
TX-DNH	4FSK	CH _L	 <p>Agilent Spectrum Analyzer - Spectrum Emission Mask</p> <p>Center Freq 400.012500 MHz</p> <p>Total Power Ref 35.93 dBm 0.0125 MHz</p> <table border="1"> <thead> <tr> <th>Start Freq</th> <th>Stop Freq</th> <th>Integ BW</th> <th>dBm</th> <th>Lower ΔLim(dB)</th> <th>Freq (Hz)</th> <th>Peak dBm</th> <th>Upper ΔLim(dB)</th> <th>Freq (Hz)</th> </tr> </thead> <tbody> <tr> <td>0.0 Hz</td> <td>5.625 kHz</td> <td>100.0 Hz</td> <td>35.93</td> <td>(-1.05)</td> <td>-50.00</td> <td>35.46</td> <td>(-1.51)</td> <td>0.0</td> </tr> <tr> <td>5.625 kHz</td> <td>12.50 kHz</td> <td>100.0 Hz</td> <td>-36.94</td> <td>(-3.93)</td> <td>-12.30 k</td> <td>-36.89</td> <td>(-4.24)</td> <td>12.25 k</td> </tr> <tr> <td>12.50 kHz</td> <td>60.00 kHz</td> <td>100.0 Hz</td> <td>-36.95</td> <td>(-16.95)</td> <td>-13.85 k</td> <td>-36.77</td> <td>(-16.77)</td> <td>13.75 k</td> </tr> <tr> <td>4.000 MHz</td> <td>8.000 MHz</td> <td>1.000 MHz</td> <td>—</td> <td>(—)</td> <td>—</td> <td>—</td> <td>(—)</td> <td>—</td> </tr> <tr> <td>8.000 MHz</td> <td>12.50 MHz</td> <td>1.000 MHz</td> <td>—</td> <td>(—)</td> <td>—</td> <td>—</td> <td>(—)</td> <td>—</td> </tr> <tr> <td>12.50 MHz</td> <td>15.00 MHz</td> <td>1.000 MHz</td> <td>—</td> <td>(—)</td> <td>—</td> <td>—</td> <td>(—)</td> <td>—</td> </tr> </tbody> </table>	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	Peak dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	35.93	(-1.05)	-50.00	35.46	(-1.51)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-36.94	(-3.93)	-12.30 k	-36.89	(-4.24)	12.25 k	12.50 kHz	60.00 kHz	100.0 Hz	-36.95	(-16.95)	-13.85 k	-36.77	(-16.77)	13.75 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
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TX-DNH	4FSK	CH _L	 <p>Agilent Spectrum Analyzer - Spectrum Emission Mask</p> <p>Center Freq 400.012500 MHz</p> <p>Total Power Ref 36.77 dBm 0.0125 MHz</p> <table border="1"> <thead> <tr> <th>Start Freq</th> <th>Stop Freq</th> <th>Integ BW</th> <th>dBm</th> <th>Lower ΔLim(dB)</th> <th>Freq (Hz)</th> <th>Peak dBm</th> <th>Upper ΔLim(dB)</th> <th>Freq (Hz)</th> </tr> </thead> <tbody> <tr> <td>0.0 Hz</td> <td>5.625 kHz</td> <td>100.0 Hz</td> <td>24.49</td> <td>(-12.49)</td> <td>-950.0</td> <td>30.13</td> <td>(-6.84)</td> <td>550.0</td> </tr> <tr> <td>5.625 kHz</td> <td>12.50 kHz</td> <td>100.0 Hz</td> <td>-35.28</td> <td>(-0.82)</td> <td>-12.50 k</td> <td>-33.14</td> <td>(-0.13)</td> <td>12.30 k</td> </tr> <tr> <td>12.50 kHz</td> <td>60.00 kHz</td> <td>100.0 Hz</td> <td>-36.40</td> <td>(-16.40)</td> <td>-12.50 k</td> <td>-34.56</td> <td>(-14.56)</td> <td>14.30 k</td> </tr> <tr> <td>4.000 MHz</td> <td>8.000 MHz</td> <td>1.000 MHz</td> <td>—</td> <td>(—)</td> <td>—</td> <td>—</td> <td>(—)</td> <td>—</td> </tr> <tr> <td>8.000 MHz</td> <td>12.50 MHz</td> <td>1.000 MHz</td> <td>—</td> <td>(—)</td> <td>—</td> <td>—</td> <td>(—)</td> <td>—</td> </tr> <tr> <td>12.50 MHz</td> <td>15.00 MHz</td> <td>1.000 MHz</td> <td>—</td> <td>(—)</td> <td>—</td> <td>—</td> <td>(—)</td> <td>—</td> </tr> </tbody> </table>	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	Peak dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	24.49	(-12.49)	-950.0	30.13	(-6.84)	550.0	5.625 kHz	12.50 kHz	100.0 Hz	-35.28	(-0.82)	-12.50 k	-33.14	(-0.13)	12.30 k	12.50 kHz	60.00 kHz	100.0 Hz	-36.40	(-16.40)	-12.50 k	-34.56	(-14.56)	14.30 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
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TX-DNH	4FSK	CH _{M1}	 <p>Agilent Spectrum Analyzer - Spectrum Emission Mask</p> <p>Center Freq 405.987500 MHz</p> <p>Total Power Ref 36.02 dBm 0.0125 MHz</p> <table border="1"> <thead> <tr> <th>Start Freq</th> <th>Stop Freq</th> <th>Integ BW</th> <th>dBm</th> <th>Lower ΔLim(dB)</th> <th>Freq (Hz)</th> <th>Peak dBm</th> <th>Upper ΔLim(dB)</th> <th>Freq (Hz)</th> </tr> </thead> <tbody> <tr> <td>0.0 Hz</td> <td>5.625 kHz</td> <td>100.0 Hz</td> <td>36.07</td> <td>(-1.10)</td> <td>-50.00</td> <td>35.27</td> <td>(-1.91)</td> <td>0.0</td> </tr> <tr> <td>5.625 kHz</td> <td>12.50 kHz</td> <td>100.0 Hz</td> <td>-39.66</td> <td>(-5.40)</td> <td>-12.50 k</td> <td>-37.57</td> <td>(-3.67)</td> <td>12.45 k</td> </tr> <tr> <td>12.50 kHz</td> <td>60.00 kHz</td> <td>100.0 Hz</td> <td>-38.39</td> <td>(-18.39)</td> <td>-12.05 k</td> <td>-38.36</td> <td>(-18.36)</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>	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	Peak dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	36.07	(-1.10)	-50.00	35.27	(-1.91)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-39.66	(-5.40)	-12.50 k	-37.57	(-3.67)	12.45 k	12.50 kHz	60.00 kHz	100.0 Hz	-38.39	(-18.39)	-12.05 k	-38.36	(-18.36)	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	—	(—)	—	—	(—)	—
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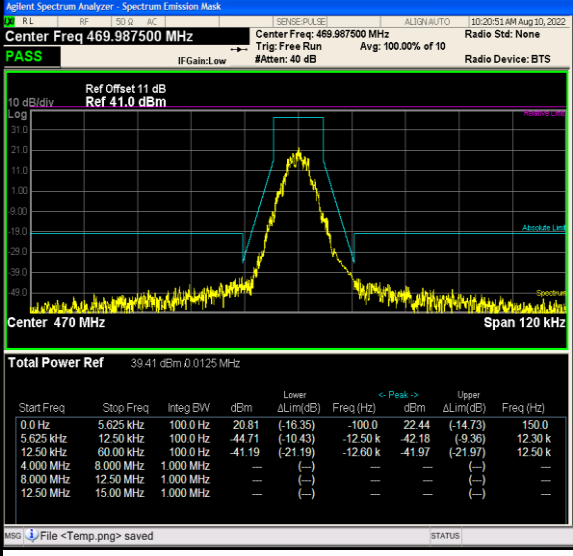
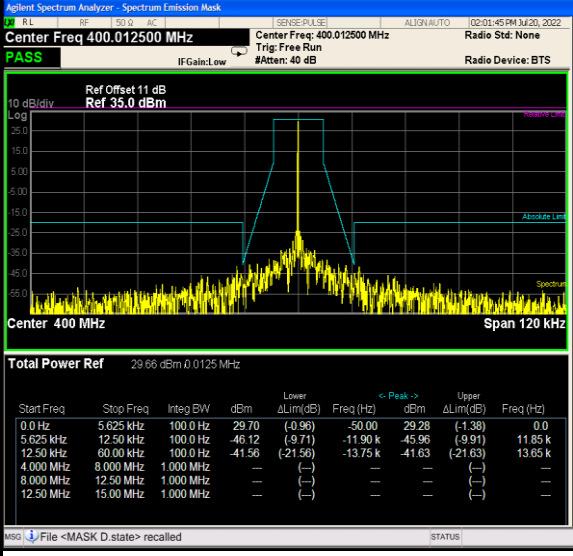
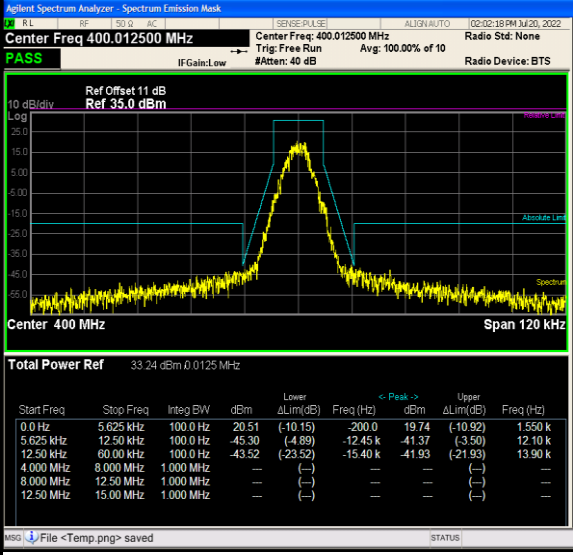
Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																															
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Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																															
TX-DNH	4FSK	CH _{M3}	 <p>Agilent Spectrum Analyzer - Spectrum Emission Mask</p> <p>Center Freq 438.012500 MHz Center Freq: 438.012500 MHz Radio Std: None</p> <p>IF Gain: Low #Atten: 40 dB Radio Device: BTS</p> <p>Ref Offset: 11 dB Ref: 41.0 dBm</p> <p>Center 438 MHz Span 120 kHz</p> <p>Total Power Ref: 35.53 dBm @ 0.0125 MHz</p> <table border="1"> <thead> <tr> <th>Start Freq</th> <th>Stop Freq</th> <th>Integ BW</th> <th>dBm</th> <th>Lower ΔLim(dB)</th> <th>Freq (Hz)</th> <th>< Peak > dBm</th> <th>Upper ΔLim(dB)</th> <th>Freq (Hz)</th> </tr> </thead> <tbody> <tr> <td>0.0 Hz</td> <td>5.625 kHz</td> <td>100.0 Hz</td> <td>35.54</td> <td>(-1.04)</td> <td>-50.00</td> <td>34.83</td> <td>(-1.74)</td> <td>0.0</td> </tr> <tr> <td>5.625 kHz</td> <td>12.50 kHz</td> <td>100.0 Hz</td> <td>-39.01</td> <td>(-8.15)</td> <td>-11.95 k</td> <td>-41.18</td> <td>(-6.68)</td> <td>12.45 k</td> </tr> <tr> <td>12.50 kHz</td> <td>60.00 kHz</td> <td>100.0 Hz</td> <td>-38.95</td> <td>(-18.95)</td> <td>-13.80 k</td> <td>-39.02</td> <td>(-19.02)</td> <td>13.70 k</td> </tr> <tr> <td>4.000 MHz</td> <td>8.000 MHz</td> <td>1.000 MHz</td> <td>—</td> <td>(—)</td> <td>—</td> <td>—</td> <td>(—)</td> <td>—</td> </tr> <tr> <td>8.000 MHz</td> <td>12.50 MHz</td> <td>1.000 MHz</td> <td>—</td> <td>(—)</td> <td>—</td> <td>—</td> <td>(—)</td> <td>—</td> </tr> <tr> <td>12.50 MHz</td> <td>15.00 MHz</td> <td>1.000 MHz</td> <td>—</td> <td>(—)</td> <td>—</td> <td>—</td> <td>(—)</td> <td>—</td> </tr> </tbody> </table>	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	35.54	(-1.04)	-50.00	34.83	(-1.74)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-39.01	(-8.15)	-11.95 k	-41.18	(-6.68)	12.45 k	12.50 kHz	60.00 kHz	100.0 Hz	-38.95	(-18.95)	-13.80 k	-39.02	(-19.02)	13.70 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
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TX-DNH	4FSK	CH _{M3}	 <p>Agilent Spectrum Analyzer - Spectrum Emission Mask</p> <p>Center Freq 438.012500 MHz Center Freq: 438.012500 MHz Radio Std: None</p> <p>IF Gain: Low #Atten: 40 dB Avg: 100.00% of 10 Radio Device: BTS</p> <p>Ref Offset: 11 dB Ref: 41.0 dBm</p> <p>Center 438 MHz Span 120 kHz</p> <p>Total Power Ref: 39.25 dBm @ 0.0125 MHz</p> <table border="1"> <thead> <tr> <th>Start Freq</th> <th>Stop Freq</th> <th>Integ BW</th> <th>dBm</th> <th>Lower ΔLim(dB)</th> <th>Freq (Hz)</th> <th>< Peak > dBm</th> <th>Upper ΔLim(dB)</th> <th>Freq (Hz)</th> </tr> </thead> <tbody> <tr> <td>0.0 Hz</td> <td>5.625 kHz</td> <td>100.0 Hz</td> <td>24.78</td> <td>(-11.79)</td> <td>-400.0</td> <td>29.51</td> <td>(-7.06)</td> <td>550.0</td> </tr> <tr> <td>5.625 kHz</td> <td>12.50 kHz</td> <td>100.0 Hz</td> <td>-39.27</td> <td>(-4.77)</td> <td>-12.45 k</td> <td>-36.18</td> <td>(-2.41)</td> <td>12.35 k</td> </tr> <tr> <td>12.50 kHz</td> <td>60.00 kHz</td> <td>100.0 Hz</td> <td>-34.93</td> <td>(-14.93)</td> <td>-16.00 k</td> <td>-34.51</td> <td>(-14.51)</td> <td>12.95 k</td> </tr> <tr> <td>4.000 MHz</td> <td>8.000 MHz</td> <td>1.000 MHz</td> <td>—</td> <td>(—)</td> <td>—</td> <td>—</td> <td>(—)</td> <td>—</td> </tr> <tr> <td>8.000 MHz</td> <td>12.50 MHz</td> <td>1.000 MHz</td> <td>—</td> <td>(—)</td> <td>—</td> <td>—</td> <td>(—)</td> <td>—</td> </tr> <tr> <td>12.50 MHz</td> <td>15.00 MHz</td> <td>1.000 MHz</td> <td>—</td> <td>(—)</td> <td>—</td> <td>—</td> <td>(—)</td> <td>—</td> </tr> </tbody> </table>	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	24.78	(-11.79)	-400.0	29.51	(-7.06)	550.0	5.625 kHz	12.50 kHz	100.0 Hz	-39.27	(-4.77)	-12.45 k	-36.18	(-2.41)	12.35 k	12.50 kHz	60.00 kHz	100.0 Hz	-34.93	(-14.93)	-16.00 k	-34.51	(-14.51)	12.95 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
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TX-DNH	4FSK	CH _H	 <p>Agilent Spectrum Analyzer - Spectrum Emission Mask</p> <p>Center Freq 469.987500 MHz Center Freq: 469.987500 MHz Radio Std: None</p> <p>IF Gain: Low #Atten: 40 dB Radio Device: BTS</p> <p>Ref Offset: 11 dB Ref: 41.0 dBm</p> <p>Center 470 MHz Span 120 kHz</p> <p>Total Power Ref: 36.09 dBm @ 0.0125 MHz</p> <table border="1"> <thead> <tr> <th>Start Freq</th> <th>Stop Freq</th> <th>Integ BW</th> <th>dBm</th> <th>Lower ΔLim(dB)</th> <th>Freq (Hz)</th> <th>< Peak > dBm</th> <th>Upper ΔLim(dB)</th> <th>Freq (Hz)</th> </tr> </thead> <tbody> <tr> <td>0.0 Hz</td> <td>5.625 kHz</td> <td>100.0 Hz</td> <td>36.06</td> <td>(-1.10)</td> <td>-150.0</td> <td>-18.67</td> <td>(-55.83)</td> <td>250.0</td> </tr> <tr> <td>5.625 kHz</td> <td>12.50 kHz</td> <td>100.0 Hz</td> <td>-38.71</td> <td>(-4.43)</td> <td>-12.50 k</td> <td>-39.85</td> <td>(-5.58)</td> <td>12.50 k</td> </tr> <tr> <td>12.50 kHz</td> <td>60.00 kHz</td> <td>100.0 Hz</td> <td>-35.08</td> <td>(-15.08)</td> <td>-16.00 k</td> <td>-35.07</td> <td>(-15.07)</td> <td>15.70 k</td> </tr> <tr> <td>4.000 MHz</td> <td>8.000 MHz</td> <td>1.000 MHz</td> <td>—</td> <td>(—)</td> <td>—</td> <td>—</td> <td>(—)</td> <td>—</td> </tr> <tr> <td>8.000 MHz</td> <td>12.50 MHz</td> <td>1.000 MHz</td> <td>—</td> <td>(—)</td> <td>—</td> <td>—</td> <td>(—)</td> <td>—</td> </tr> <tr> <td>12.50 MHz</td> <td>15.00 MHz</td> <td>1.000 MHz</td> <td>—</td> <td>(—)</td> <td>—</td> <td>—</td> <td>(—)</td> <td>—</td> </tr> </tbody> </table>	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	36.06	(-1.10)	-150.0	-18.67	(-55.83)	250.0	5.625 kHz	12.50 kHz	100.0 Hz	-38.71	(-4.43)	-12.50 k	-39.85	(-5.58)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-35.08	(-15.08)	-16.00 k	-35.07	(-15.07)	15.70 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
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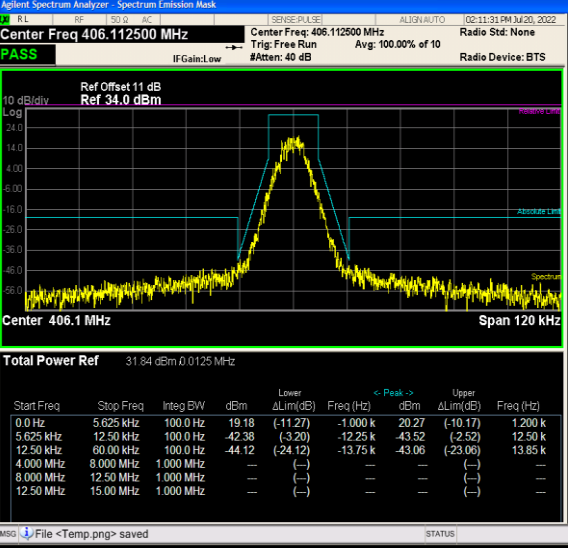
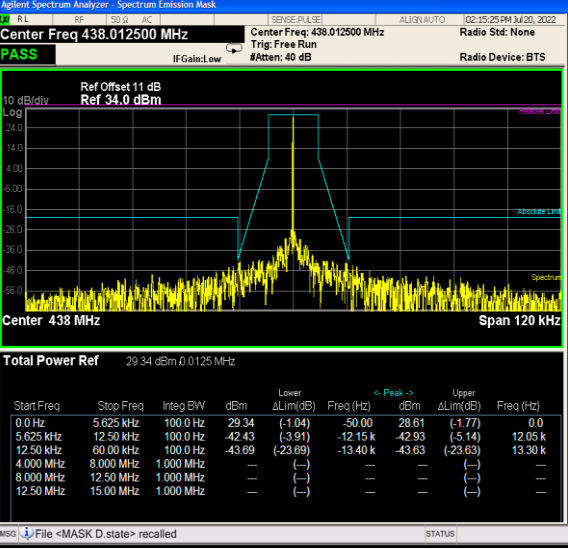
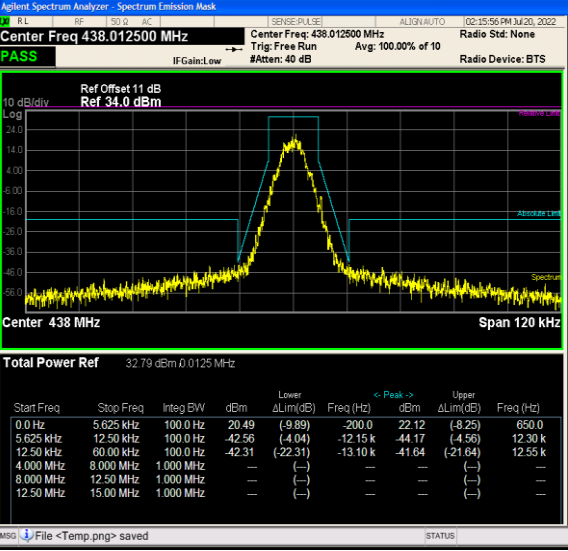
Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																															
TX-DNH	4FSK	CH _H	 <p>Agilent Spectrum Analyzer - Spectrum Emission Mask</p> <p>Center Freq: 469.987500 MHz Trig: Free Run Avg: 100.00% of 10 Radio Std: None Radio Device: BTS</p> <p>Ref Offset: 11 dB Ref: 41.0 dBm</p> <p>Center: 470 MHz Span: 120 kHz</p> <p>Total Power Ref: 39.41 dBm @ 0.0125 MHz</p> <table border="1"> <thead> <tr> <th>Start Freq</th> <th>Stop Freq</th> <th>Integ BW</th> <th>dBm</th> <th>Lower ΔLim(dB)</th> <th>Freq (Hz)</th> <th>Peak (dBm)</th> <th>Upper ΔLim(dB)</th> <th>Freq (Hz)</th> </tr> </thead> <tbody> <tr> <td>0.0 Hz</td> <td>5.625 kHz</td> <td>100.0 Hz</td> <td>20.81</td> <td>(-16.35)</td> <td>-100.0</td> <td>22.44</td> <td>(-14.73)</td> <td>150.0</td> </tr> <tr> <td>5.625 kHz</td> <td>12.50 kHz</td> <td>100.0 Hz</td> <td>-44.71</td> <td>(-10.43)</td> <td>-12.50 k</td> <td>-42.18</td> <td>(-9.36)</td> <td>12.30 k</td> </tr> <tr> <td>12.50 kHz</td> <td>60.00 kHz</td> <td>100.0 Hz</td> <td>-41.19</td> <td>(-21.19)</td> <td>-12.60 k</td> <td>-41.97</td> <td>(-21.97)</td> <td>12.50 k</td> </tr> <tr> <td>4.000 MHz</td> <td>8.000 MHz</td> <td>1.000 MHz</td> <td>—</td> <td>(—)</td> <td>—</td> <td>—</td> <td>(—)</td> <td>—</td> </tr> <tr> <td>8.000 MHz</td> <td>12.50 MHz</td> <td>1.000 MHz</td> <td>—</td> <td>(—)</td> <td>—</td> <td>—</td> <td>(—)</td> <td>—</td> </tr> <tr> <td>12.50 MHz</td> <td>15.00 MHz</td> <td>1.000 MHz</td> <td>—</td> <td>(—)</td> <td>—</td> <td>—</td> <td>(—)</td> <td>—</td> </tr> </tbody> </table>	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	Peak (dBm)	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	20.81	(-16.35)	-100.0	22.44	(-14.73)	150.0	5.625 kHz	12.50 kHz	100.0 Hz	-44.71	(-10.43)	-12.50 k	-42.18	(-9.36)	12.30 k	12.50 kHz	60.00 kHz	100.0 Hz	-41.19	(-21.19)	-12.60 k	-41.97	(-21.97)	12.50 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
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TX-DNL	4FSK	CH _L	 <p>Agilent Spectrum Analyzer - Spectrum Emission Mask</p> <p>Center Freq: 400.012500 MHz Trig: Free Run Avg: 100.00% of 10 Radio Std: None Radio Device: BTS</p> <p>Ref Offset: 11 dB Ref: 35.0 dBm</p> <p>Center: 400 MHz Span: 120 kHz</p> <p>Total Power Ref: 29.66 dBm @ 0.0125 MHz</p> <table border="1"> <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>29.70</td> <td>(-0.96)</td> <td>-50.00</td> <td>29.28</td> <td>(-1.38)</td> <td>0.0</td> </tr> <tr> <td>5.625 kHz</td> <td>12.50 kHz</td> <td>100.0 Hz</td> <td>-46.12</td> <td>(-9.71)</td> <td>-11.90 k</td> <td>-45.96</td> <td>(-9.91)</td> <td>11.85 k</td> </tr> <tr> <td>12.50 kHz</td> <td>60.00 kHz</td> <td>100.0 Hz</td> <td>-41.56</td> <td>(-21.56)</td> <td>-13.75 k</td> <td>-41.63</td> <td>(-21.63)</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>	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	29.70	(-0.96)	-50.00	29.28	(-1.38)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-46.12	(-9.71)	-11.90 k	-45.96	(-9.91)	11.85 k	12.50 kHz	60.00 kHz	100.0 Hz	-41.56	(-21.56)	-13.75 k	-41.63	(-21.63)	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	—	(—)	—	—	(—)	—
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TX-DNL	4FSK	CH _L	 <p>Agilent Spectrum Analyzer - Spectrum Emission Mask</p> <p>Center Freq: 400.012500 MHz Trig: Free Run Avg: 100.00% of 10 Radio Std: None Radio Device: BTS</p> <p>Ref Offset: 11 dB Ref: 35.0 dBm</p> <p>Center: 400 MHz Span: 120 kHz</p> <p>Total Power Ref: 33.24 dBm @ 0.0125 MHz</p> <table border="1"> <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>20.51</td> <td>(-10.15)</td> <td>-200.0</td> <td>19.74</td> <td>(-10.92)</td> <td>1.550 k</td> </tr> <tr> <td>5.625 kHz</td> <td>12.50 kHz</td> <td>100.0 Hz</td> <td>-45.30</td> <td>(-4.89)</td> <td>-12.45 k</td> <td>-41.37</td> <td>(-3.50)</td> <td>12.10 k</td> </tr> <tr> <td>12.50 kHz</td> <td>60.00 kHz</td> <td>100.0 Hz</td> <td>-43.52</td> <td>(-23.52)</td> <td>-15.40 k</td> <td>-41.93</td> <td>(-21.93)</td> <td>13.90 k</td> </tr> <tr> <td>4.000 MHz</td> <td>8.000 MHz</td> <td>1.000 MHz</td> <td>—</td> <td>(—)</td> <td>—</td> <td>—</td> <td>(—)</td> <td>—</td> </tr> <tr> <td>8.000 MHz</td> <td>12.50 MHz</td> <td>1.000 MHz</td> <td>—</td> <td>(—)</td> <td>—</td> <td>—</td> <td>(—)</td> <td>—</td> </tr> <tr> <td>12.50 MHz</td> <td>15.00 MHz</td> <td>1.000 MHz</td> <td>—</td> <td>(—)</td> <td>—</td> <td>—</td> <td>(—)</td> <td>—</td> </tr> </tbody> </table>	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	20.51	(-10.15)	-200.0	19.74	(-10.92)	1.550 k	5.625 kHz	12.50 kHz	100.0 Hz	-45.30	(-4.89)	-12.45 k	-41.37	(-3.50)	12.10 k	12.50 kHz	60.00 kHz	100.0 Hz	-43.52	(-23.52)	-15.40 k	-41.93	(-21.93)	13.90 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
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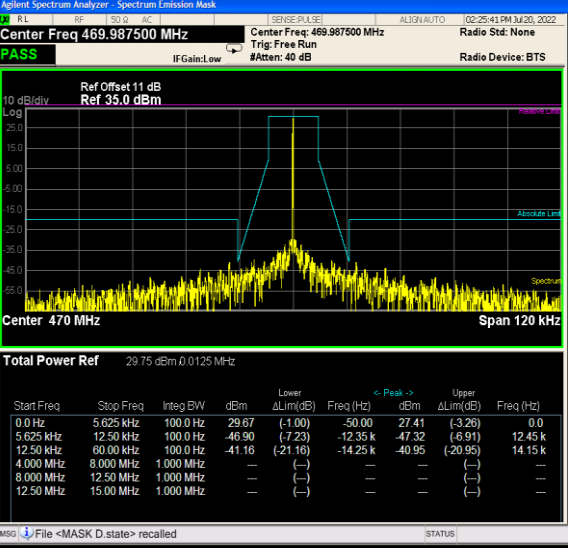
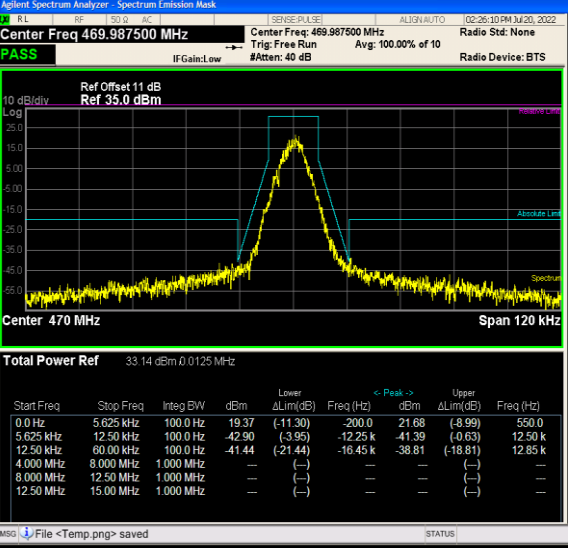
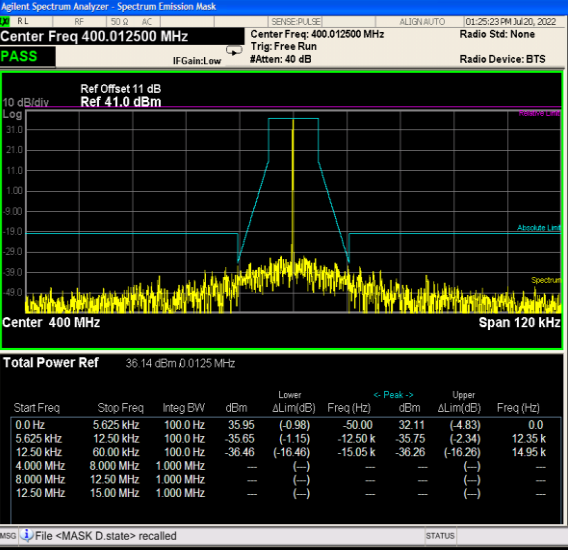
Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																															
TX-DNL	4FSK	CH _{M1}	<p>Agilent Spectrum Analyzer - Spectrum Emission Mask</p> <p>Center Freq 405.987500 MHz</p> <p>Ref Offset 11 dB Ref 35.0 dBm</p> <p>Total Power Ref 29.55 dBm 0.0125 MHz</p> <table border="1"> <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>29.55</td> <td>(-1.00)</td> <td>-50.00</td> <td>28.89</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>-45.02</td> <td>(-4.87)</td> <td>-12.40 k</td> <td>-45.19</td> <td>(-5.75)</td> <td>12.30 k</td> </tr> <tr> <td>12.50 kHz</td> <td>60.00 kHz</td> <td>100.0 Hz</td> <td>-43.39</td> <td>(-23.39)</td> <td>-18.15 k</td> <td>-43.63</td> <td>(-23.63)</td> <td>18.05 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>	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	29.55	(-1.00)	-50.00	28.89	(-1.66)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-45.02	(-4.87)	-12.40 k	-45.19	(-5.75)	12.30 k	12.50 kHz	60.00 kHz	100.0 Hz	-43.39	(-23.39)	-18.15 k	-43.63	(-23.63)	18.05 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
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TX-DNL	4FSK	CH _{M2}	<p>Agilent Spectrum Analyzer - Spectrum Emission Mask</p> <p>Center Freq 406.112500 MHz</p> <p>Ref Offset 11 dB Ref 34.0 dBm</p> <p>Total Power Ref 29.50 dBm 0.0125 MHz</p> <table border="1"> <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>29.50</td> <td>(-0.94)</td> <td>-50.00</td> <td>28.88</td> <td>(-1.56)</td> <td>0.0</td> </tr> <tr> <td>5.625 kHz</td> <td>12.50 kHz</td> <td>100.0 Hz</td> <td>-41.87</td> <td>(-1.60)</td> <td>-12.40 k</td> <td>-42.14</td> <td>(-2.60)</td> <td>12.30 k</td> </tr> <tr> <td>12.50 kHz</td> <td>60.00 kHz</td> <td>100.0 Hz</td> <td>-39.34</td> <td>(-19.34)</td> <td>-12.95 k</td> <td>-39.60</td> <td>(-19.60)</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>	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	29.50	(-0.94)	-50.00	28.88	(-1.56)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-41.87	(-1.60)	-12.40 k	-42.14	(-2.60)	12.30 k	12.50 kHz	60.00 kHz	100.0 Hz	-39.34	(-19.34)	-12.95 k	-39.60	(-19.60)	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	—	(—)	—	—	(—)	—
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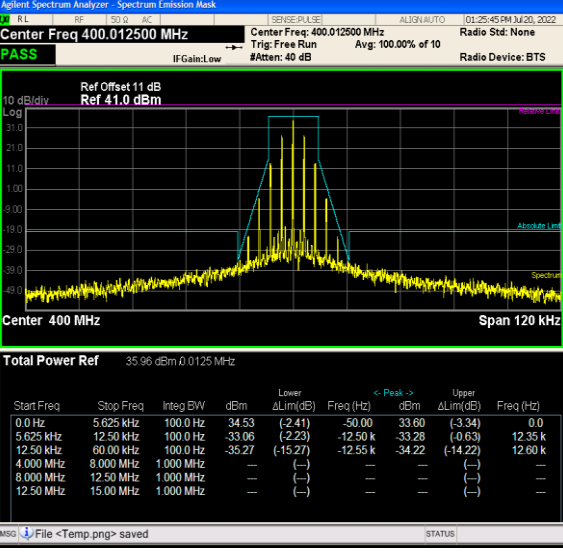
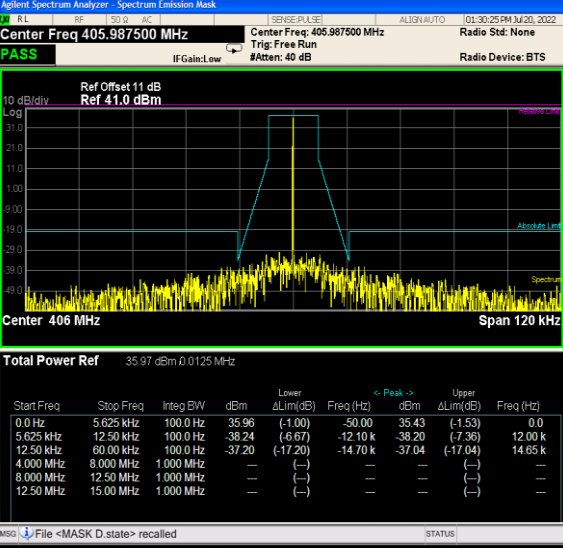
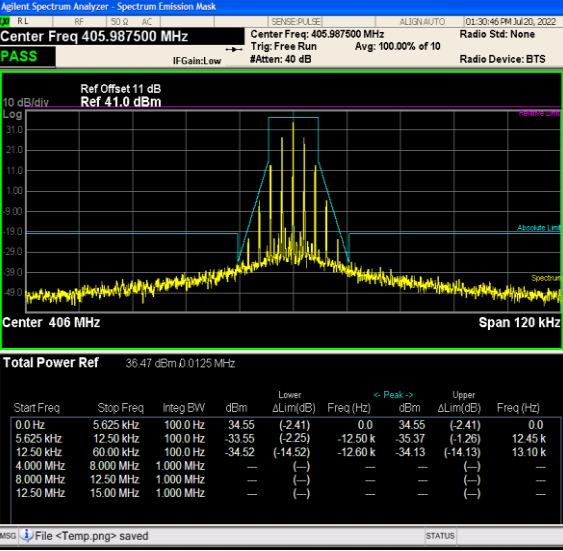
Appendix C:Emission Mask

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TX-DNL	4FSK	CH _{M2}	 <p>Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 406.112500 MHz Trig: Free Run Avg: 100.00% of 10 Radio Std: None IFGain:Low #Atten: 40 dB Radio Device: BTS</p> <p>Ref Offset 11 dB Ref 34.0 dBm</p> <p>Center 406.1 MHz Span 120 kHz</p> <p>Total Power Ref 31.84 dBm 0.0125 MHz</p> <table border="1"> <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>19.18</td> <td>(-11.27)</td> <td>-1.000 k</td> <td>20.27</td> <td>(-10.17)</td> <td>1.200 k</td> </tr> <tr> <td>5.625 kHz</td> <td>12.50 kHz</td> <td>100.0 Hz</td> <td>-42.38</td> <td>(-3.20)</td> <td>-12.25 k</td> <td>-43.52</td> <td>(-2.52)</td> <td>12.50 k</td> </tr> <tr> <td>12.50 kHz</td> <td>60.00 kHz</td> <td>100.0 Hz</td> <td>-44.12</td> <td>(-24.12)</td> <td>-13.75 k</td> <td>-43.06</td> <td>(-23.06)</td> <td>13.85 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>	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	19.18	(-11.27)	-1.000 k	20.27	(-10.17)	1.200 k	5.625 kHz	12.50 kHz	100.0 Hz	-42.38	(-3.20)	-12.25 k	-43.52	(-2.52)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-44.12	(-24.12)	-13.75 k	-43.06	(-23.06)	13.85 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
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TX-DNL	4FSK	CH _{M3}	 <p>Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 438.012500 MHz Trig: Free Run Avg: 100.00% of 10 Radio Std: None IFGain:Low #Atten: 40 dB Radio Device: BTS</p> <p>Ref Offset 11 dB Ref 34.0 dBm</p> <p>Center 438 MHz Span 120 kHz</p> <p>Total Power Ref 29.34 dBm 0.0125 MHz</p> <table border="1"> <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>29.34</td> <td>(-1.04)</td> <td>-50.00</td> <td>28.61</td> <td>(-1.77)</td> <td>0.0</td> </tr> <tr> <td>5.625 kHz</td> <td>12.50 kHz</td> <td>100.0 Hz</td> <td>-42.43</td> <td>(-3.91)</td> <td>-12.15 k</td> <td>-42.93</td> <td>(-5.14)</td> <td>12.05 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>-13.40 k</td> <td>-43.63</td> <td>(-23.63)</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>	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	29.34	(-1.04)	-50.00	28.61	(-1.77)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-42.43	(-3.91)	-12.15 k	-42.93	(-5.14)	12.05 k	12.50 kHz	60.00 kHz	100.0 Hz	-43.69	(-23.69)	-13.40 k	-43.63	(-23.63)	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	—	(—)	—	—	(—)	—
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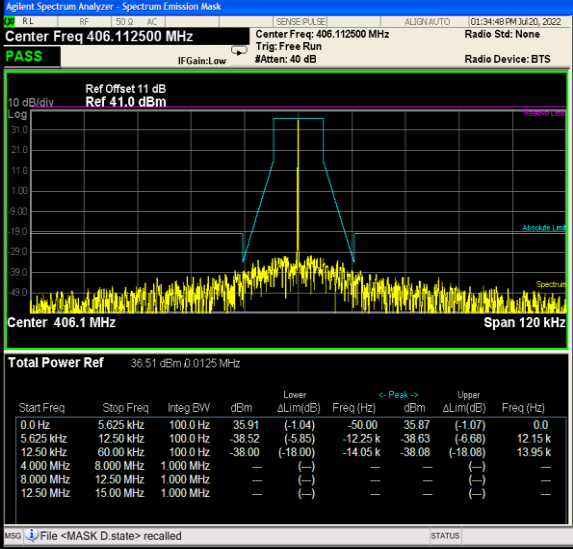
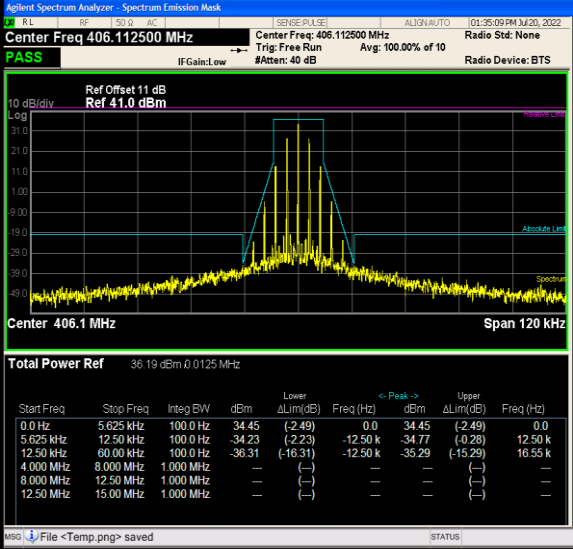
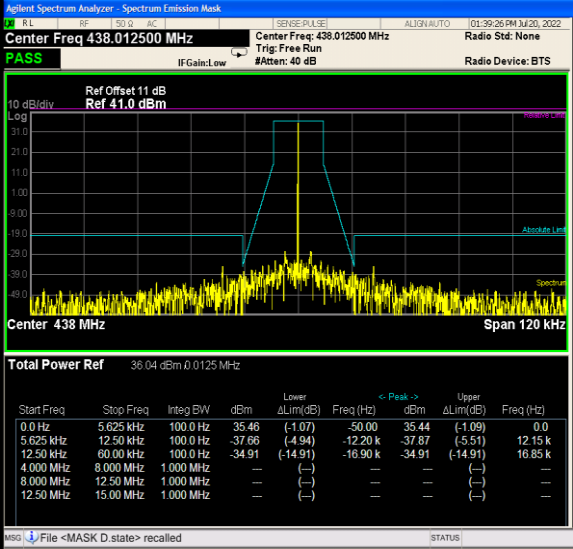
Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																															
TX-DNL	4FSK	CH _H	 <p>Agilent Spectrum Analyzer - Spectrum Emission Mask</p> <p>Center Freq: 469.987500 MHz Trig: Free Run #Atten: 40 dB Radio Device: BTS</p> <p>Ref Offset: 11 dB Ref: 35.0 dBm</p> <p>Center: 470 MHz Span: 120 kHz</p> <p>Total Power Ref: 29.75 dBm @ 0.0125 MHz</p> <table border="1"> <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>29.67</td> <td>(-1.00)</td> <td>-50.00</td> <td>27.41</td> <td>(-3.26)</td> <td>0.0</td> </tr> <tr> <td>5.625 kHz</td> <td>12.50 kHz</td> <td>100.0 Hz</td> <td>-46.90</td> <td>(-7.23)</td> <td>-12.35 k</td> <td>-47.32</td> <td>(-6.91)</td> <td>12.45 k</td> </tr> <tr> <td>12.50 kHz</td> <td>60.00 kHz</td> <td>100.0 Hz</td> <td>-41.16</td> <td>(-21.16)</td> <td>-14.25 k</td> <td>-40.95</td> <td>(-20.95)</td> <td>14.15 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>	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	29.67	(-1.00)	-50.00	27.41	(-3.26)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-46.90	(-7.23)	-12.35 k	-47.32	(-6.91)	12.45 k	12.50 kHz	60.00 kHz	100.0 Hz	-41.16	(-21.16)	-14.25 k	-40.95	(-20.95)	14.15 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
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TX-ANH	FM	CH _L	 <p>Agilent Spectrum Analyzer - Spectrum Emission Mask</p> <p>Center Freq: 400.012500 MHz Trig: Free Run #Atten: 40 dB Radio Device: BTS</p> <p>Ref Offset: 11 dB Ref: 41.0 dBm</p> <p>Center: 400 MHz Span: 120 kHz</p> <p>Total Power Ref: 36.14 dBm @ 0.0125 MHz</p> <table border="1"> <thead> <tr> <th>Start Freq</th> <th>Stop Freq</th> <th>Integ BW</th> <th>dBm</th> <th>Lower ΔLim(dB)</th> <th>Freq (Hz)</th> <th>< Peak > dBm</th> <th>Upper ΔLim(dB)</th> <th>Freq (Hz)</th> </tr> </thead> <tbody> <tr> <td>0.0 Hz</td> <td>5.625 kHz</td> <td>100.0 Hz</td> <td>35.95</td> <td>(-0.98)</td> <td>-50.00</td> <td>32.11</td> <td>(-4.83)</td> <td>0.0</td> </tr> <tr> <td>5.625 kHz</td> <td>12.50 kHz</td> <td>100.0 Hz</td> <td>-35.65</td> <td>(-1.15)</td> <td>-12.50 k</td> <td>-35.75</td> <td>(-2.34)</td> <td>12.35 k</td> </tr> <tr> <td>12.50 kHz</td> <td>60.00 kHz</td> <td>100.0 Hz</td> <td>-36.46</td> <td>(-16.46)</td> <td>-15.05 k</td> <td>-36.26</td> <td>(-16.26)</td> <td>14.95 k</td> </tr> <tr> <td>4.000 MHz</td> <td>8.000 MHz</td> <td>1.000 MHz</td> <td>—</td> <td>(—)</td> <td>—</td> <td>—</td> <td>(—)</td> <td>—</td> </tr> <tr> <td>8.000 MHz</td> <td>12.50 MHz</td> <td>1.000 MHz</td> <td>—</td> <td>(—)</td> <td>—</td> <td>—</td> <td>(—)</td> <td>—</td> </tr> <tr> <td>12.50 MHz</td> <td>15.00 MHz</td> <td>1.000 MHz</td> <td>—</td> <td>(—)</td> <td>—</td> <td>—</td> <td>(—)</td> <td>—</td> </tr> </tbody> </table>	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	35.95	(-0.98)	-50.00	32.11	(-4.83)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-35.65	(-1.15)	-12.50 k	-35.75	(-2.34)	12.35 k	12.50 kHz	60.00 kHz	100.0 Hz	-36.46	(-16.46)	-15.05 k	-36.26	(-16.26)	14.95 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
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Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																															
TX-ANH	FM	CH _L	 <p>Agilent Spectrum Analyzer - Spectrum Emission Mask</p> <p>Center Freq 400.012500 MHz</p> <p>Center Freq: 400.012500 MHz</p> <p>Trig: Free Run</p> <p>Avg: 100.00% of 10</p> <p>Radio Stz: None</p> <p>IF Gain: Low</p> <p># Atten: 40 dB</p> <p>Radio Device: BTS</p> <p>Ref Offset: 11 dB</p> <p>Ref: 41.0 dBm</p> <p>10 dB/div</p> <p>Center 400 MHz</p> <p>Span 120 kHz</p> <p>Total Power Ref 35.96 dBm 0.0125 MHz</p> <table border="1"> <thead> <tr> <th>Start Freq</th> <th>Stop Freq</th> <th>Integ BW</th> <th>dBm</th> <th>Lower ΔLim(dB)</th> <th>Freq (Hz)</th> <th>Peak (dBm)</th> <th>Upper ΔLim(dB)</th> <th>Freq (Hz)</th> </tr> </thead> <tbody> <tr> <td>0.0 Hz</td> <td>5.625 kHz</td> <td>100.0 Hz</td> <td>34.53</td> <td>(-2.41)</td> <td>-50.00</td> <td>33.60</td> <td>(-3.34)</td> <td>0.0</td> </tr> <tr> <td>5.625 kHz</td> <td>12.50 kHz</td> <td>100.0 Hz</td> <td>-33.06</td> <td>(-2.23)</td> <td>-12.50 k</td> <td>-33.28</td> <td>(-0.63)</td> <td>12.35 k</td> </tr> <tr> <td>12.50 kHz</td> <td>60.00 kHz</td> <td>100.0 Hz</td> <td>-35.27</td> <td>(-15.27)</td> <td>-12.55 k</td> <td>-34.22</td> <td>(-14.22)</td> <td>12.60 k</td> </tr> <tr> <td>4.000 MHz</td> <td>8.000 MHz</td> <td>1.000 MHz</td> <td>—</td> <td>(—)</td> <td>—</td> <td>—</td> <td>(—)</td> <td>—</td> </tr> <tr> <td>8.000 MHz</td> <td>12.50 MHz</td> <td>1.000 MHz</td> <td>—</td> <td>(—)</td> <td>—</td> <td>—</td> <td>(—)</td> <td>—</td> </tr> <tr> <td>12.50 MHz</td> <td>15.00 MHz</td> <td>1.000 MHz</td> <td>—</td> <td>(—)</td> <td>—</td> <td>—</td> <td>(—)</td> <td>—</td> </tr> </tbody> </table> <p>Frequency: 400.012500 MHz</p> <p>Center Freq: 400.012500 MHz</p> <p>CF Step: 12.000 kHz</p> <p>Freq Offset: 0 Hz</p>	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	Peak (dBm)	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	34.53	(-2.41)	-50.00	33.60	(-3.34)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-33.06	(-2.23)	-12.50 k	-33.28	(-0.63)	12.35 k	12.50 kHz	60.00 kHz	100.0 Hz	-35.27	(-15.27)	-12.55 k	-34.22	(-14.22)	12.60 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
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TX-ANH	FM	CH _{M1}	 <p>Agilent Spectrum Analyzer - Spectrum Emission Mask</p> <p>Center Freq 405.987500 MHz</p> <p>Center Freq: 405.987500 MHz</p> <p>Trig: Free Run</p> <p>Avg: 100.00% of 10</p> <p>Radio Stz: None</p> <p>IF Gain: Low</p> <p># Atten: 40 dB</p> <p>Radio Device: BTS</p> <p>Ref Offset: 11 dB</p> <p>Ref: 41.0 dBm</p> <p>10 dB/div</p> <p>Center 406 MHz</p> <p>Span 120 kHz</p> <p>Total Power Ref 35.97 dBm 0.0125 MHz</p> <table border="1"> <thead> <tr> <th>Start Freq</th> <th>Stop Freq</th> <th>Integ BW</th> <th>dBm</th> <th>Lower ΔLim(dB)</th> <th>Freq (Hz)</th> <th>Peak (dBm)</th> <th>Upper ΔLim(dB)</th> <th>Freq (Hz)</th> </tr> </thead> <tbody> <tr> <td>0.0 Hz</td> <td>5.625 kHz</td> <td>100.0 Hz</td> <td>35.96</td> <td>(-1.00)</td> <td>-50.00</td> <td>35.43</td> <td>(-1.53)</td> <td>0.0</td> </tr> <tr> <td>5.625 kHz</td> <td>12.50 kHz</td> <td>100.0 Hz</td> <td>-38.24</td> <td>(-6.67)</td> <td>-12.10 k</td> <td>-38.20</td> <td>(-7.36)</td> <td>12.00 k</td> </tr> <tr> <td>12.50 kHz</td> <td>60.00 kHz</td> <td>100.0 Hz</td> <td>-37.20</td> <td>(-17.20)</td> <td>-14.70 k</td> <td>-37.04</td> <td>(-17.04)</td> <td>14.65 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> <p>Frequency: 405.987500 MHz</p> <p>Center Freq: 405.987500 MHz</p> <p>CF Step: 12.000 kHz</p> <p>Freq Offset: 0 Hz</p>	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	Peak (dBm)	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	35.96	(-1.00)	-50.00	35.43	(-1.53)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-38.24	(-6.67)	-12.10 k	-38.20	(-7.36)	12.00 k	12.50 kHz	60.00 kHz	100.0 Hz	-37.20	(-17.20)	-14.70 k	-37.04	(-17.04)	14.65 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
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Appendix C:Emission Mask

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TX-ANH	FM	CH _{M2}	 <p>Agilent Spectrum Analyzer - Spectrum Emission Mask</p> <p>Center Freq 406.112500 MHz</p> <p>Ref Offset 11 dB, Ref 41.0 dBm</p> <p>Total Power Ref 36.51 dBm 0.0125 MHz</p> <table border="1"> <thead> <tr> <th>Start Freq</th> <th>Stop Freq</th> <th>Integ BW</th> <th>dBm</th> <th>Lower ΔLim(dB)</th> <th>Freq (Hz)</th> <th>Peak dBm</th> <th>Upper ΔLim(dB)</th> <th>Freq (Hz)</th> </tr> </thead> <tbody> <tr> <td>0.0 Hz</td> <td>5.625 kHz</td> <td>100.0 Hz</td> <td>35.91</td> <td>(-1.04)</td> <td>-50.00</td> <td>35.87</td> <td>(-1.07)</td> <td>0.0</td> </tr> <tr> <td>5.625 kHz</td> <td>12.50 kHz</td> <td>100.0 Hz</td> <td>-38.52</td> <td>(-5.85)</td> <td>-12.25 k</td> <td>-38.63</td> <td>(-6.68)</td> <td>12.15 k</td> </tr> <tr> <td>12.50 kHz</td> <td>60.00 kHz</td> <td>100.0 Hz</td> <td>-38.00</td> <td>(-18.00)</td> <td>-14.05 k</td> <td>-38.08</td> <td>(-18.08)</td> <td>13.95 k</td> </tr> <tr> <td>4.000 MHz</td> <td>8.000 MHz</td> <td>1.000 MHz</td> <td>—</td> <td>(—)</td> <td>—</td> <td>—</td> <td>(—)</td> <td>—</td> </tr> <tr> <td>8.000 MHz</td> <td>12.50 MHz</td> <td>1.000 MHz</td> <td>—</td> <td>(—)</td> <td>—</td> <td>—</td> <td>(—)</td> <td>—</td> </tr> <tr> <td>12.50 MHz</td> <td>15.00 MHz</td> <td>1.000 MHz</td> <td>—</td> <td>(—)</td> <td>—</td> <td>—</td> <td>(—)</td> <td>—</td> </tr> </tbody> </table>	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	Peak dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	35.91	(-1.04)	-50.00	35.87	(-1.07)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-38.52	(-5.85)	-12.25 k	-38.63	(-6.68)	12.15 k	12.50 kHz	60.00 kHz	100.0 Hz	-38.00	(-18.00)	-14.05 k	-38.08	(-18.08)	13.95 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
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TX-ANH	FM	CH _{M3}	 <p>Agilent Spectrum Analyzer - Spectrum Emission Mask</p> <p>Center Freq 438.012500 MHz</p> <p>Ref Offset 11 dB, Ref 41.0 dBm</p> <p>Total Power Ref 36.04 dBm 0.0125 MHz</p> <table border="1"> <thead> <tr> <th>Start Freq</th> <th>Stop Freq</th> <th>Integ BW</th> <th>dBm</th> <th>Lower ΔLim(dB)</th> <th>Freq (Hz)</th> <th>Peak dBm</th> <th>Upper ΔLim(dB)</th> <th>Freq (Hz)</th> </tr> </thead> <tbody> <tr> <td>0.0 Hz</td> <td>5.625 kHz</td> <td>100.0 Hz</td> <td>35.46</td> <td>(-1.07)</td> <td>-50.00</td> <td>35.44</td> <td>(-1.09)</td> <td>0.0</td> </tr> <tr> <td>5.625 kHz</td> <td>12.50 kHz</td> <td>100.0 Hz</td> <td>-37.66</td> <td>(-4.94)</td> <td>-12.20 k</td> <td>-37.87</td> <td>(-5.51)</td> <td>12.15 k</td> </tr> <tr> <td>12.50 kHz</td> <td>60.00 kHz</td> <td>100.0 Hz</td> <td>-34.91</td> <td>(-14.91)</td> <td>-16.90 k</td> <td>-34.91</td> <td>(-14.91)</td> <td>16.85 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>	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	Peak dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	35.46	(-1.07)	-50.00	35.44	(-1.09)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-37.66	(-4.94)	-12.20 k	-37.87	(-5.51)	12.15 k	12.50 kHz	60.00 kHz	100.0 Hz	-34.91	(-14.91)	-16.90 k	-34.91	(-14.91)	16.85 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
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