



## Appendix B: Occupied Bandwidth

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-DNL	4FSK	CH <sub>L</sub>	<p>Agilent Spectrum Analyzer - Occupied BW Center Freq 136.012500 MHz Ref 35.38 dBm Occupied Bandwidth 7.851 kHz Total Power 36.7 dBm Transmit Freq Error -99 Hz x dB Bandwidth 9.934 kHz OBW Power 99.00 % x dB -26.00 dB</p>
TX-DNL	4FSK	CH <sub>M2</sub>	<p>Agilent Spectrum Analyzer - Occupied BW Center Freq 155.012500 MHz Ref 36.91 dBm Occupied Bandwidth 8.010 kHz Total Power 37.9 dBm Transmit Freq Error -23 Hz x dB Bandwidth 10.38 kHz OBW Power 99.00 % x dB -26.00 dB</p>
TX-DNL	4FSK	CH <sub>H</sub>	<p>Agilent Spectrum Analyzer - Occupied BW Center Freq 173.987500 MHz Ref 38.06 dBm Occupied Bandwidth 7.833 kHz Total Power 38.6 dBm Transmit Freq Error -34 Hz x dB Bandwidth 9.845 kHz OBW Power 99.00 % x dB -26.00 dB</p>



## Appendix B: Occupied Bandwidth

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-ANH	FM	CH <sub>L</sub>	<p>Agilent Spectrum Analyzer - Occupied BW Center Freq 136.012500 MHz Ref 39.44 dBm 10 dB/div Log Center 136 MHz #Res BW 100 Hz #VBW 300 Hz Span 50 kHz Sweep FFT Occupied Bandwidth 9.996 kHz Total Power 35.8 dBm Transmit Freq Error 19 Hz OBW Power 99.00 % x dB Bandwidth 10.17 kHz x dB -26.00 dB MSG STATUS DC Coupled</p>
TX-ANH	FM	CH <sub>M2</sub>	<p>Agilent Spectrum Analyzer - Occupied BW Center Freq 155.012500 MHz Ref 39.50 dBm 10 dB/div Log Center 155 MHz #Res BW 100 Hz #VBW 300 Hz Span 50 kHz Sweep FFT Occupied Bandwidth 9.997 kHz Total Power 35.7 dBm Transmit Freq Error 14 Hz OBW Power 99.00 % x dB Bandwidth 10.17 kHz x dB -26.00 dB MSG STATUS DC Coupled</p>
TX-ANH	FM	CH <sub>H</sub>	<p>Agilent Spectrum Analyzer - Occupied BW Center Freq 173.987500 MHz Ref 40.02 dBm 10 dB/div Log Center 174 MHz #Res BW 100 Hz #VBW 300 Hz Span 50 kHz Sweep FFT Occupied Bandwidth 9.997 kHz Total Power 36.1 dBm Transmit Freq Error 7 Hz OBW Power 99.00 % x dB Bandwidth 10.17 kHz x dB -26.00 dB MSG STATUS DC Coupled</p>

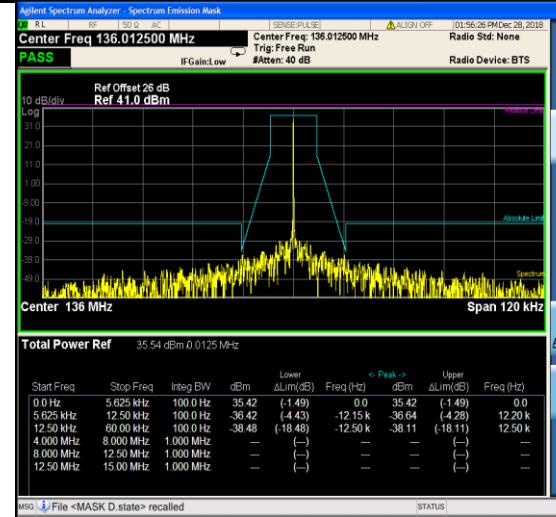
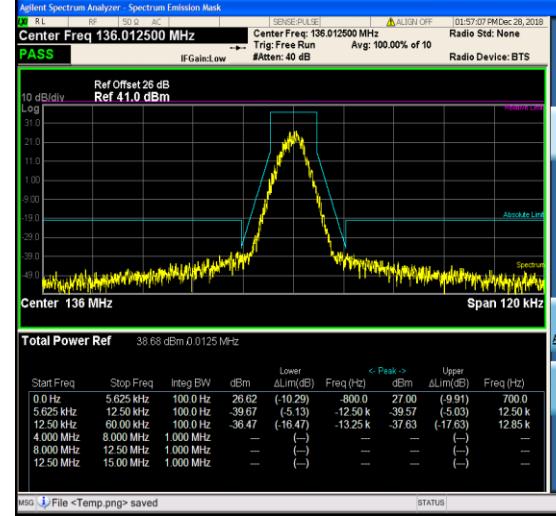
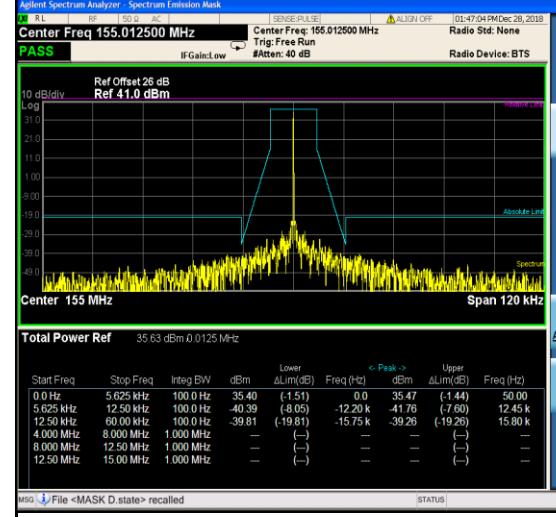


## Appendix B: Occupied Bandwidth

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-ANL	FM	CH <sub>L</sub>	<p>Agilent Spectrum Analyzer - Occupied BW Center Freq 136.012500 MHz Ref 34.27 dBm 10 dB/div Log Center 136 MHz #Res BW 100 Hz #VBW 300 Hz Span 50 kHz Sweep FFT Occupied Bandwidth 9.991 kHz Total Power 30.7 dBm Transmit Freq Error 31 Hz OBW Power 99.00 % x dB Bandwidth 10.17 kHz x dB -26.00 dB MSG STATUS DC Coupled</p>
TX-ANL	FM	CH <sub>M2</sub>	<p>Agilent Spectrum Analyzer - Occupied BW Center Freq 155.012500 MHz Ref 35.16 dBm 10 dB/div Log Center 155 MHz #Res BW 100 Hz #VBW 300 Hz Span 50 kHz Sweep FFT Occupied Bandwidth 9.996 kHz Total Power 31.4 dBm Transmit Freq Error 19 Hz OBW Power 99.00 % x dB Bandwidth 10.17 kHz x dB -26.00 dB MSG STATUS DC Coupled</p>
TX-ANL	FM	CH <sub>H</sub>	<p>Agilent Spectrum Analyzer - Occupied BW Center Freq 173.987500 MHz Ref 35.88 dBm 10 dB/div Log Center 174 MHz #Res BW 100 Hz #VBW 300 Hz Span 50 kHz Sweep FFT Occupied Bandwidth 9.997 kHz Total Power 32.0 dBm Transmit Freq Error 12 Hz OBW Power 99.00 % x dB Bandwidth 10.17 kHz x dB -26.00 dB MSG STATUS DC Coupled</p>

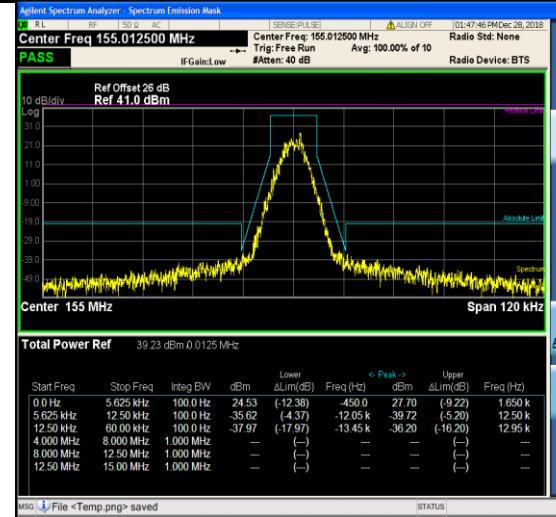
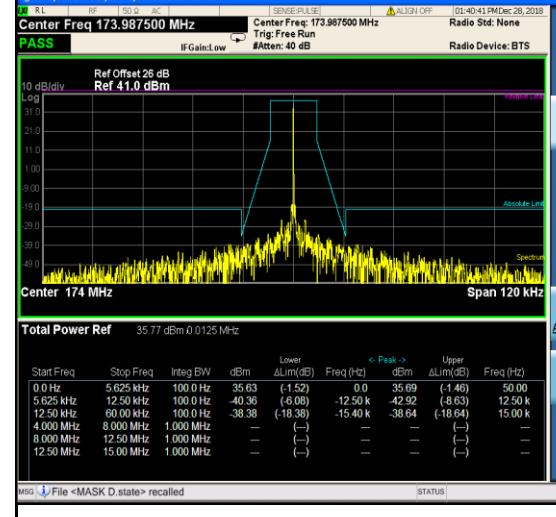
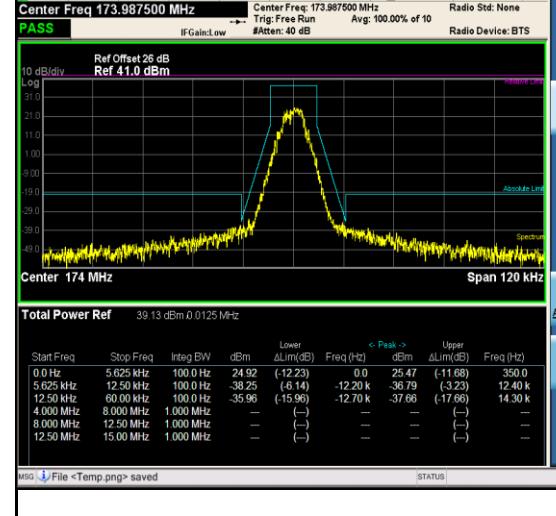


## Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT	
TX-DNH	4FSK	CH <sub>L</sub>	 Detailed description: This screenshot shows an Agilent Spectrum Analyzer interface. The main window displays a spectrum plot with a yellow stepped reference mask. The plot shows a single sharp peak at the center frequency of 136.012500 MHz. Below the plot is a table of total power measurements. On the right side, there are four blue status boxes labeled 'Frequency', 'Center Freq', 'CF Step', and 'Freq Offset'.	
TX-DNH	4FSK	CH <sub>L</sub>	 Detailed description: Similar to the first row, this shows a spectrum plot for CH <sub>L</sub> at 136 MHz. The plot shows a single peak. The table below shows a slightly different total power value. The status boxes on the right are identical.	
TX-DNH	4FSK	CH <sub>M2</sub>	 Detailed description: This screenshot shows a spectrum plot for CH <sub>M2</sub> at 155 MHz. The plot shows a single peak. The table below shows a total power value of 35.63 dBm. The status boxes on the right are identical.	

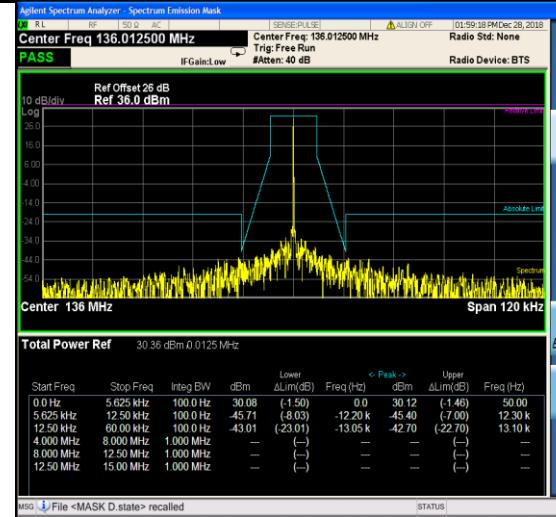
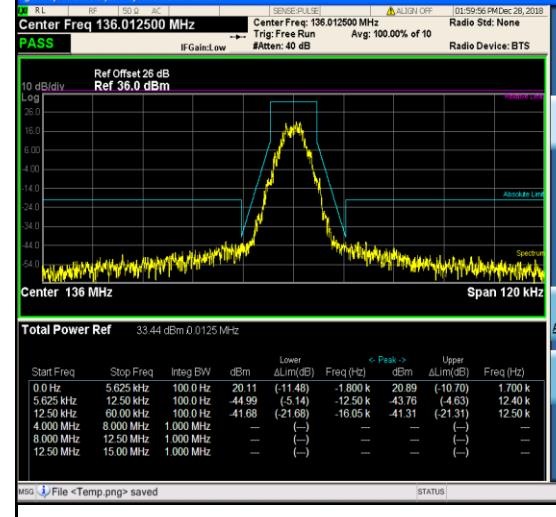
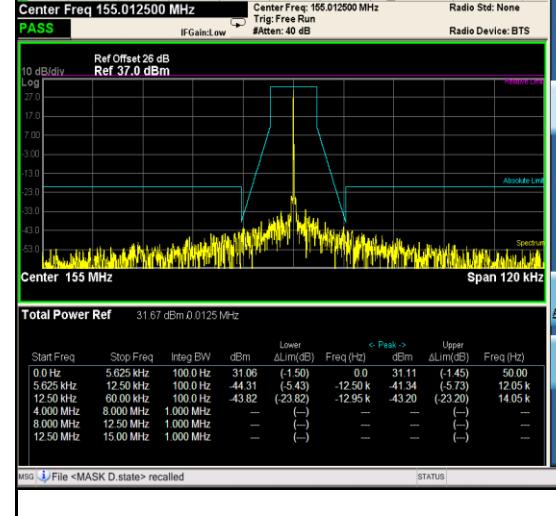


## Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT	
TX-DNH	4FSK	CH <sub>M2</sub>	 <p>Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50 Ω AC SENSE:PULSE ALIGN OFF 01:47:46 PM Dec 28, 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 26 dB Ref 41.0 dBm 10 dB/div Log 31.0 21.0 11.0 1.0 -9.0 -19.0 -29.0 -39.0 -49.0 Absolute Lim Span 120 kHz Center 155 MHz Total Power Ref 39.23 dBm 0.0125 MHz Start Freq Stop Freq Integ BW dBm Lower ΔLIM(dB) Freq (Hz) &lt; Peak -&gt; dBm Upper ΔLIM(dB) Freq (Hz) 0.0 Hz 5.625 kHz 100.0 Hz 24.53 (-12.38) -45.00 27.70 (9.22) 1.650 k 5.625 kHz 12.50 kHz 100.0 Hz 35.62 (-4.37) -12.05 k -39.72 (5.20) 12.50 k 12.50 kHz 60.00 kHz 100.0 Hz -37.97 (-17.97) -13.45 k -36.20 (-16.20) 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 -- (-) -- -- (--) -- MSG File &lt;Temp.png&gt; saved STATUS</p>	Frequency Center Freq 155.012500 MHz CF Step 12.00 kHz Auto Freq Offset 0 Hz
TX-DNH	4FSK	CH <sub>H</sub>	 <p>Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50 Ω AC SENSE:PULSE ALIGN OFF 01:40:41 PM Dec 28, 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 26 dB Ref 41.0 dBm 10 dB/div Log 31.0 21.0 11.0 1.0 -9.0 -19.0 -29.0 -39.0 -49.0 Absolute Lim Span 120 kHz Center 174 MHz Total Power Ref 35.77 dBm 0.0125 MHz Start Freq Stop Freq Integ BW dBm Lower ΔLIM(dB) Freq (Hz) &lt; Peak -&gt; dBm Upper ΔLIM(dB) Freq (Hz) 0.0 Hz 5.625 kHz 100.0 Hz 35.63 (-1.52) 0.0 35.69 (-1.46) 50.00 5.625 kHz 12.50 kHz 100.0 Hz 40.36 (6.08) -12.50 k -42.92 (8.63) 12.50 k 12.50 kHz 60.00 kHz 100.0 Hz -38.38 (-18.38) -15.40 k 38.64 (-18.64) 15.00 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 -- (-) -- -- (--) -- MSG File &lt;MASK D.state&gt; recalled STATUS</p>	Frequency Center Freq 173.987500 MHz CF Step 12.00 kHz Auto Freq Offset 0 Hz
TX-DNH	4FSK	CH <sub>H</sub>	 <p>Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50 Ω AC SENSE:PULSE ALIGN OFF 01:41:21 PM Dec 28, 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 26 dB Ref 41.0 dBm 10 dB/div Log 31.0 21.0 11.0 1.0 -9.0 -19.0 -29.0 -39.0 -49.0 Absolute Lim Span 120 kHz Center 174 MHz Total Power Ref 39.13 dBm 0.0125 MHz Start Freq Stop Freq Integ BW dBm Lower ΔLIM(dB) Freq (Hz) &lt; Peak -&gt; dBm Upper ΔLIM(dB) Freq (Hz) 0.0 Hz 5.625 kHz 100.0 Hz 24.92 (-12.23) 0.0 25.47 (-11.68) 350.0 5.625 kHz 12.50 kHz 100.0 Hz 38.25 (6.14) -12.20 k -36.79 (3.23) 12.40 k 12.50 kHz 60.00 kHz 100.0 Hz 35.96 (-15.96) -12.70 k -37.66 (-17.66) 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 -- (-) -- -- (--) -- MSG File &lt;Temp.png&gt; saved STATUS</p>	Frequency Center Freq 173.987500 MHz CF Step 12.00 kHz Auto Freq Offset 0 Hz

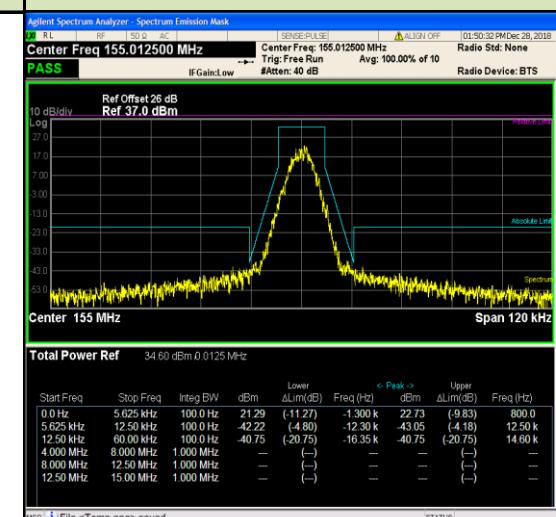
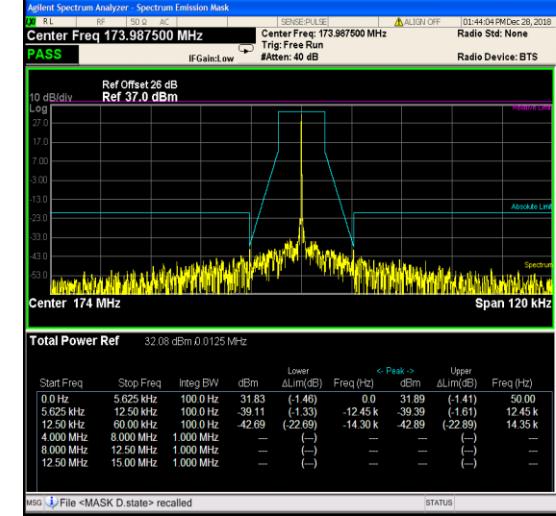
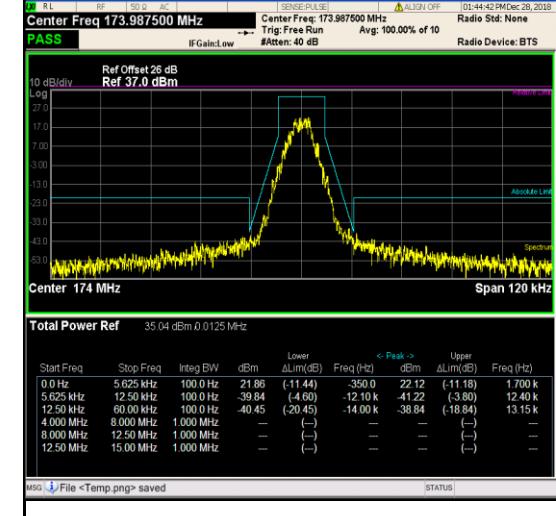


## Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																																		
TX-DNL	4FSK	CH <sub>L</sub>	 Detailed description: This screenshot shows a spectrum analysis plot for a 4FSK signal on channel CH_L. The center frequency is set to 136.012500 MHz. The plot displays a main emission centered at 136 MHz with a power level of approximately -36.0 dBm relative to a reference of -26 dBm. The emission is contained within a mask defined by a cyan line. The background noise floor is visible, and the overall signal quality is good, meeting the emission mask requirements. <table border="1"><caption>Total Power Ref</caption><tr><td>30.36 dBm</td><td>0.0125 MHz</td></tr><tr><td>Start Freq</td><td>Stop Freq</td><td>Integ BW</td><td>dBm</td><td>Lower ΔLim(dB)</td><td>Freq (Hz)</td><td>&lt; Peak -&gt;</td><td>Upper ΔLim(dB)</td><td>Freq (Hz)</td></tr><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>30.08</td><td>(-1.50)</td><td>0.0</td><td>30.12</td><td>(-1.46)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-45.71</td><td>(-8.03)</td><td>-12.20 k</td><td>-45.40</td><td>(-7.00)</td><td>12.30 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-43.01</td><td>(-23.01)</td><td>-13.05 k</td><td>-42.70</td><td>(-22.70)</td><td>13.10 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>--</td><td>(--)</td><td>--</td><td>--</td><td>(--)</td><td>--</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>--</td><td>(--)</td><td>--</td><td>--</td><td>(--)</td><td>--</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>--</td><td>(--)</td><td>--</td><td>--</td><td>(--)</td><td>--</td></tr></table>	30.36 dBm	0.0125 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	30.08	(-1.50)	0.0	30.12	(-1.46)	50.00	5.625 kHz	12.50 kHz	100.0 Hz	-45.71	(-8.03)	-12.20 k	-45.40	(-7.00)	12.30 k	12.50 kHz	60.00 kHz	100.0 Hz	-43.01	(-23.01)	-13.05 k	-42.70	(-22.70)	13.10 k	4.000 MHz	8.000 MHz	1.000 MHz	--	(--)	--	--	(--)	--	8.000 MHz	12.50 MHz	1.000 MHz	--	(--)	--	--	(--)	--	12.50 MHz	15.00 MHz	1.000 MHz	--	(--)	--	--	(--)	--	Frequency Center Freq CF Step Freq Offset
30.36 dBm	0.0125 MHz																																																																				
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4.000 MHz	8.000 MHz	1.000 MHz	--	(--)	--	--	(--)	--																																																													
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12.50 MHz	15.00 MHz	1.000 MHz	--	(--)	--	--	(--)	--																																																													
TX-DNL	4FSK	CH <sub>L</sub>	 Detailed description: This screenshot shows a spectrum analysis plot for a 4FSK signal on channel CH_L. The center frequency is set to 136.012500 MHz. The plot displays a main emission centered at 136 MHz with a power level of approximately -33.44 dBm relative to a reference of -26 dBm. The emission is contained within a mask defined by a cyan line. The background noise floor is visible, and the overall signal quality is good, meeting the emission mask requirements. <table border="1"><caption>Total Power Ref</caption><tr><td>33.44 dBm</td><td>0.0125 MHz</td></tr><tr><td>Start Freq</td><td>Stop Freq</td><td>Integ BW</td><td>dBm</td><td>Lower ΔLim(dB)</td><td>Freq (Hz)</td><td>&lt; Peak -&gt;</td><td>Upper ΔLim(dB)</td><td>Freq (Hz)</td></tr><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>20.11</td><td>(-11.48)</td><td>-1.800 k</td><td>20.89</td><td>(-10.70)</td><td>1.700 k</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-44.99</td><td>(-5.14)</td><td>-12.50 k</td><td>-43.78</td><td>(-4.63)</td><td>12.40 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-41.68</td><td>(-21.68)</td><td>-16.05 k</td><td>-41.31</td><td>(-21.31)</td><td>12.50 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>--</td><td>(--)</td><td>--</td><td>--</td><td>(--)</td><td>--</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>--</td><td>(--)</td><td>--</td><td>--</td><td>(--)</td><td>--</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>--</td><td>(--)</td><td>--</td><td>--</td><td>(--)</td><td>--</td></tr></table>	33.44 dBm	0.0125 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	20.11	(-11.48)	-1.800 k	20.89	(-10.70)	1.700 k	5.625 kHz	12.50 kHz	100.0 Hz	-44.99	(-5.14)	-12.50 k	-43.78	(-4.63)	12.40 k	12.50 kHz	60.00 kHz	100.0 Hz	-41.68	(-21.68)	-16.05 k	-41.31	(-21.31)	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	--	(--)	--	--	(--)	--	Frequency Center Freq CF Step Freq Offset
33.44 dBm	0.0125 MHz																																																																				
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak ->	Upper ΔLim(dB)	Freq (Hz)																																																													
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12.50 kHz	60.00 kHz	100.0 Hz	-41.68	(-21.68)	-16.05 k	-41.31	(-21.31)	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	--	(--)	--	--	(--)	--																																																													
TX-DNL	4FSK	CH <sub>M2</sub>	 Detailed description: This screenshot shows a spectrum analysis plot for a 4FSK signal on channel CH <sub>M2</sub> . The center frequency is set to 155.012500 MHz. The plot displays a main emission centered at 155 MHz with a power level of approximately -31.67 dBm relative to a reference of -26 dBm. The emission is contained within a mask defined by a cyan line. The background noise floor is visible, and the overall signal quality is good, meeting the emission mask requirements. <table border="1"><caption>Total Power Ref</caption><tr><td>31.67 dBm</td><td>0.0125 MHz</td></tr><tr><td>Start Freq</td><td>Stop Freq</td><td>Integ BW</td><td>dBm</td><td>Lower ΔLim(dB)</td><td>Freq (Hz)</td><td>&lt; Peak -&gt;</td><td>Upper ΔLim(dB)</td><td>Freq (Hz)</td></tr><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>31.06</td><td>(-1.50)</td><td>0.0</td><td>31.11</td><td>(-1.45)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-44.31</td><td>(-5.43)</td><td>-12.50 k</td><td>-43.14</td><td>(-5.73)</td><td>12.05 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-43.82</td><td>(-23.82)</td><td>-12.95 k</td><td>-43.20</td><td>(-23.20)</td><td>14.05 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>--</td><td>(--)</td><td>--</td><td>--</td><td>(--)</td><td>--</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>--</td><td>(--)</td><td>--</td><td>--</td><td>(--)</td><td>--</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>--</td><td>(--)</td><td>--</td><td>--</td><td>(--)</td><td>--</td></tr></table>	31.67 dBm	0.0125 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	31.06	(-1.50)	0.0	31.11	(-1.45)	50.00	5.625 kHz	12.50 kHz	100.0 Hz	-44.31	(-5.43)	-12.50 k	-43.14	(-5.73)	12.05 k	12.50 kHz	60.00 kHz	100.0 Hz	-43.82	(-23.82)	-12.95 k	-43.20	(-23.20)	14.05 k	4.000 MHz	8.000 MHz	1.000 MHz	--	(--)	--	--	(--)	--	8.000 MHz	12.50 MHz	1.000 MHz	--	(--)	--	--	(--)	--	12.50 MHz	15.00 MHz	1.000 MHz	--	(--)	--	--	(--)	--	Frequency Center Freq CF Step Freq Offset
31.67 dBm	0.0125 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	31.06	(-1.50)	0.0	31.11	(-1.45)	50.00																																																													
5.625 kHz	12.50 kHz	100.0 Hz	-44.31	(-5.43)	-12.50 k	-43.14	(-5.73)	12.05 k																																																													
12.50 kHz	60.00 kHz	100.0 Hz	-43.82	(-23.82)	-12.95 k	-43.20	(-23.20)	14.05 k																																																													
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8.000 MHz	12.50 MHz	1.000 MHz	--	(--)	--	--	(--)	--																																																													
12.50 MHz	15.00 MHz	1.000 MHz	--	(--)	--	--	(--)	--																																																													

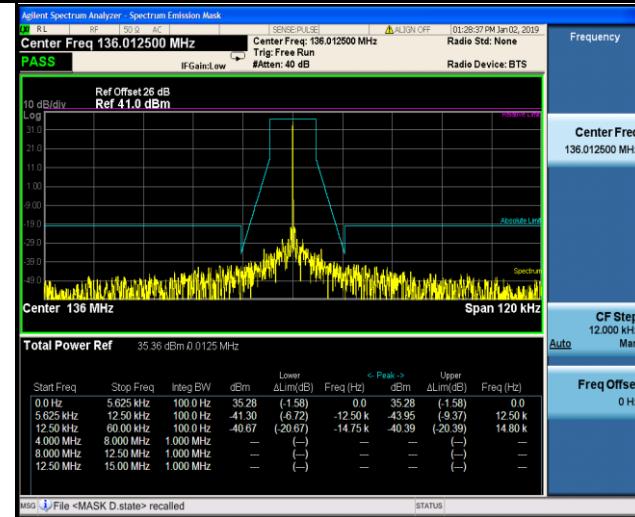
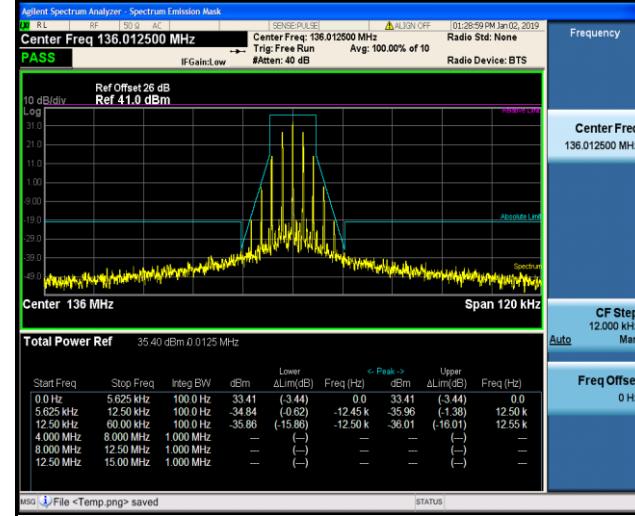
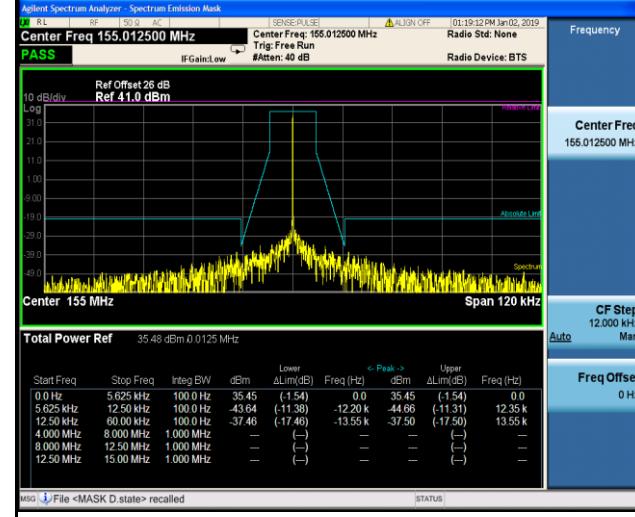


## Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																													
TX-DNL	4FSK	CH <sub>M2</sub>	 <table border="1"><caption>Total Power Ref 34.60 dBm 0.0125 MHz</caption><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>&lt; Peak -&gt;</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>21.29</td><td>(-11.27)</td><td>-1.300 k</td><td>22.73</td><td>(9.83) 800.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>42.22</td><td>(-4.80)</td><td>-12.30 k</td><td>43.05</td><td>(4.18) 12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>40.75</td><td>(-20.75)</td><td>-16.35 k</td><td>40.75</td><td>(-20.75) 14.60 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>(—)</td><td>—</td></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></tbody></table> <p>MSG: File &lt;Temp.png&gt; saved STATUS:</p>	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	< Peak ->	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	21.29	(-11.27)	-1.300 k	22.73	(9.83) 800.0	5.625 kHz	12.50 kHz	100.0 Hz	42.22	(-4.80)	-12.30 k	43.05	(4.18) 12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	40.75	(-20.75)	-16.35 k	40.75	(-20.75) 14.60 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	(—)	—	Frequency	Center Freq 155.012500 MHz	CF Step 12.000 kHz	Auto	Freq Offset 0 Hz
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	< Peak ->	Upper ΔLim(dB)	Freq (Hz)																																																									
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4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	(—)	—																																																									
8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	(—)	—																																																									
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	(—)	—																																																									
TX-DNL	4FSK	CH <sub>H</sub>	 <table border="1"><caption>Total Power Ref 32.08 dBm 0.0125 MHz</caption><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>&lt; Peak -&gt;</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>31.83</td><td>(-1.46)</td><td>0.0</td><td>31.89</td><td>(-1.41) 50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>39.11</td><td>(-1.33)</td><td>-12.45 k</td><td>39.39</td><td>(-1.61) 12.45 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>42.69</td><td>(-22.69)</td><td>-14.30 k</td><td>42.89</td><td>(-22.89) 14.35 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>(—)</td><td>—</td></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></tbody></table> <p>MSG: File &lt;MASK D.state&gt; recalled STATUS:</p>	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	< Peak ->	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	31.83	(-1.46)	0.0	31.89	(-1.41) 50.00	5.625 kHz	12.50 kHz	100.0 Hz	39.11	(-1.33)	-12.45 k	39.39	(-1.61) 12.45 k	12.50 kHz	60.00 kHz	100.0 Hz	42.69	(-22.69)	-14.30 k	42.89	(-22.89) 14.35 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	(—)	—	Frequency	Center Freq 173.987500 MHz	CF Step 12.000 kHz	Auto	Freq Offset 0 Hz
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	< Peak ->	Upper ΔLim(dB)	Freq (Hz)																																																									
0.0 Hz	5.625 kHz	100.0 Hz	31.83	(-1.46)	0.0	31.89	(-1.41) 50.00																																																									
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4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	(—)	—																																																									
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TX-DNL	4FSK	CH <sub>H</sub>	 <table border="1"><caption>Total Power Ref 35.04 dBm 0.0125 MHz</caption><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>&lt; Peak -&gt;</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>21.86</td><td>(-11.44)</td><td>-350.0</td><td>22.12</td><td>(-11.18) 1.700 k</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>39.84</td><td>(-4.60)</td><td>-32.10 k</td><td>41.22</td><td>(-3.80) 12.40 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>40.45</td><td>(-20.45)</td><td>-14.00 k</td><td>38.84</td><td>(-18.84) 13.15 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></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></tbody></table> <p>MSG: File &lt;Temp.png&gt; saved STATUS:</p>	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	< Peak ->	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	21.86	(-11.44)	-350.0	22.12	(-11.18) 1.700 k	5.625 kHz	12.50 kHz	100.0 Hz	39.84	(-4.60)	-32.10 k	41.22	(-3.80) 12.40 k	12.50 kHz	60.00 kHz	100.0 Hz	40.45	(-20.45)	-14.00 k	38.84	(-18.84) 13.15 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	—	(—)	—	(—)	—	Frequency	Center Freq 173.987500 MHz	CF Step 12.000 kHz	Auto	Freq Offset 0 Hz
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## Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																															
TX-ANH	FM	CH <sub>L</sub>	 <p>Agilent Spectrum Analyzer - Spectrum Emission Mask</p> <p>Center Freq 136.012500 MHz</p> <p>Total Power Ref 35.36 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>&lt; Peak &gt;</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>35.28</td><td>(-1.58)</td><td>0.0</td><td>35.28</td><td>(-1.58)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-41.30</td><td>(-6.72)</td><td>-12.50 k</td><td>-43.95</td><td>(-9.37)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-40.67</td><td>(-20.67)</td><td>-14.75 k</td><td>-40.39</td><td>(-20.39)</td><td>14.80 kHz</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>MSG: File &lt;MASK D state&gt; recalled</p> <p>STATUS:</p>	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	35.28	(-1.58)	0.0	35.28	(-1.58)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-41.30	(-6.72)	-12.50 k	-43.95	(-9.37)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-40.67	(-20.67)	-14.75 k	-40.39	(-20.39)	14.80 kHz	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)																																																										
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TX-ANH	FM	CH <sub>L</sub>	 <p>Agilent Spectrum Analyzer - Spectrum Emission Mask</p> <p>Center Freq 136.012500 MHz</p> <p>Total Power Ref 35.40 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>&lt; Peak &gt;</th><th>Upper ΔLIM(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>33.41</td><td>(3.44)</td><td>0.0</td><td>33.41</td><td>(3.44)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-34.84</td><td>(0.62)</td><td>-12.45 k</td><td>-35.96</td><td>(1.38)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-35.86</td><td>(-15.86)</td><td>-12.50 k</td><td>-36.01</td><td>(-16.01)</td><td>12.55 kHz</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>MSG: File &lt;Temp.png&gt; saved</p> <p>STATUS:</p>	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	33.41	(3.44)	0.0	33.41	(3.44)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-34.84	(0.62)	-12.45 k	-35.96	(1.38)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-35.86	(-15.86)	-12.50 k	-36.01	(-16.01)	12.55 kHz	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 <sub>M2</sub>	 <p>Agilent Spectrum Analyzer - Spectrum Emission Mask</p> <p>Center Freq 155.012500 MHz</p> <p>Total Power Ref 35.48 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>&lt; Peak &gt;</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>35.45</td><td>(-1.54)</td><td>0.0</td><td>35.45</td><td>(-1.54)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-43.64</td><td>(-11.38)</td><td>-12.20 k</td><td>-44.66</td><td>(-11.31)</td><td>12.35 kHz</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-37.46</td><td>(-17.46)</td><td>-13.55 k</td><td>-37.50</td><td>(-17.50)</td><td>13.55 kHz</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>MSG: File &lt;MASK D state&gt; recalled</p> <p>STATUS:</p>	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	35.45	(-1.54)	0.0	35.45	(-1.54)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-43.64	(-11.38)	-12.20 k	-44.66	(-11.31)	12.35 kHz	12.50 kHz	60.00 kHz	100.0 Hz	-37.46	(-17.46)	-13.55 k	-37.50	(-17.50)	13.55 kHz	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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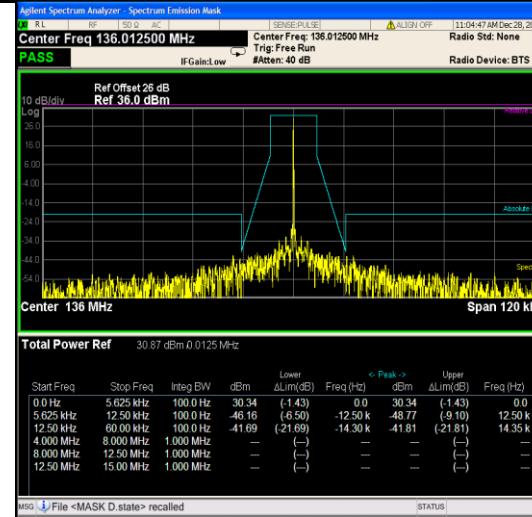
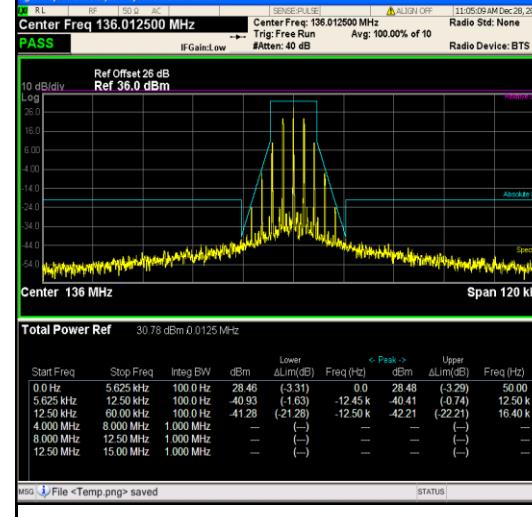
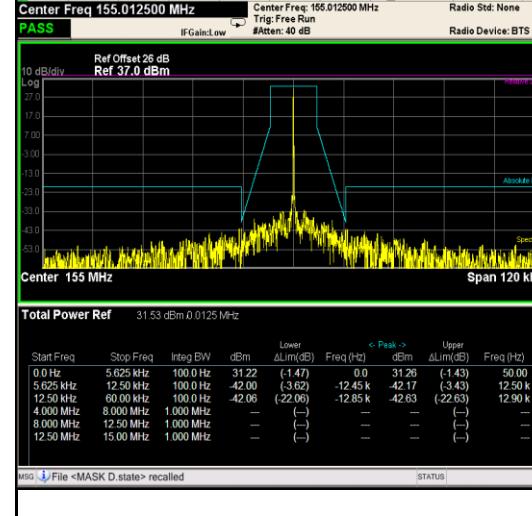


## Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																								
TX-ANH	FM	CH <sub>M2</sub>	<p>Agilent Spectrum Analyzer - Spectrum Emission Mask</p> <p>Center Freq 155.012500 MHz</p> <p>PASS</p> <p>Total Power Ref 35.52 dBm 0.0125 MHz</p> <table border="1"><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dEIRP</th><th>Lower ΔLIM(dB)</th><th>&lt; Peak &gt;</th><th>Upper ΔLIM(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>33.55</td><td>(-3.45)</td><td>0.0</td><td>33.55</td><td>(-3.45) 0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>35.43</td><td>(-1.35)</td><td>-12.45 k</td><td>34.96</td><td>(-0.52) 12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>32.74</td><td>(-12.74)</td><td>-12.50 k</td><td>35.52</td><td>(-15.52) 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></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></tbody></table> <p>MSG: File &lt;Temp.png&gt; saved</p> <p>STATUS:</p>	Start Freq	Stop Freq	Integ BW	dEIRP	Lower ΔLIM(dB)	< Peak >	Upper ΔLIM(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	33.55	(-3.45)	0.0	33.55	(-3.45) 0.0	5.625 kHz	12.50 kHz	100.0 Hz	35.43	(-1.35)	-12.45 k	34.96	(-0.52) 12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	32.74	(-12.74)	-12.50 k	35.52	(-15.52) 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	dEIRP	Lower ΔLIM(dB)	< Peak >	Upper ΔLIM(dB)	Freq (Hz)																																																				
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12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	(—)	—																																																				
TX-ANH	FM	CH <sub>H</sub>	<p>Agilent Spectrum Analyzer - Spectrum Emission Mask</p> <p>Center Freq 173.987500 MHz</p> <p>PASS</p> <p>Total Power Ref 35.88 dBm 0.0125 MHz</p> <table border="1"><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dEIRP</th><th>Lower ΔLIM(dB)</th><th>&lt; Peak &gt;</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>35.83</td><td>(-1.59)</td><td>0.0</td><td>35.83</td><td>(-1.59) 0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>35.38</td><td>(-1.36)</td><td>-12.50 k</td><td>35.81</td><td>(-1.79) 12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>38.47</td><td>(-18.47)</td><td>-15.80 k</td><td>38.17</td><td>(-18.17) 15.80 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></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></tbody></table> <p>MSG: File &lt;MASK D.state&gt; recalled</p> <p>STATUS:</p>	Start Freq	Stop Freq	Integ BW	dEIRP	Lower ΔLIM(dB)	< Peak >	Upper ΔLIM(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	35.83	(-1.59)	0.0	35.83	(-1.59) 0.0	5.625 kHz	12.50 kHz	100.0 Hz	35.38	(-1.36)	-12.50 k	35.81	(-1.79) 12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	38.47	(-18.47)	-15.80 k	38.17	(-18.17) 15.80 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	—	(—)	—	(—)	—
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TX-ANH	FM	CH <sub>H</sub>	<p>Agilent Spectrum Analyzer - Spectrum Emission Mask</p> <p>Center Freq 173.987500 MHz</p> <p>PASS</p> <p>Total Power Ref 35.89 dBm 0.0125 MHz</p> <table border="1"><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dEIRP</th><th>Lower ΔLIM(dB)</th><th>&lt; Peak &gt;</th><th>Upper ΔLIM(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>33.95</td><td>(-3.47)</td><td>0.0</td><td>33.95</td><td>(-3.47) 0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>35.12</td><td>(-1.10)</td><td>-12.50 k</td><td>35.28</td><td>(-1.26) 12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>36.33</td><td>(-16.33)</td><td>-13.05 k</td><td>35.94</td><td>(-15.94) 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></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></tbody></table> <p>MSG: File &lt;Temp.png&gt; saved</p> <p>STATUS:</p>	Start Freq	Stop Freq	Integ BW	dEIRP	Lower ΔLIM(dB)	< Peak >	Upper ΔLIM(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	33.95	(-3.47)	0.0	33.95	(-3.47) 0.0	5.625 kHz	12.50 kHz	100.0 Hz	35.12	(-1.10)	-12.50 k	35.28	(-1.26) 12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	36.33	(-16.33)	-13.05 k	35.94	(-15.94) 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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## Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																																			
TX-ANL	FM	CH <sub>L</sub>	 <p>Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50Ω AC SENSE:PULSE ALIGN OFF 11:04:47 AM Dec 28, 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 26 dB Ref 36.0 dBm 10 dB/div Log 26.0 16.0 6.0 -4.0 -14.0 -24.0 -34.0 -44.0 -54.0 Absolute Lim 26.0 16.0 6.0 -4.0 -14.0 -24.0 -34.0 -44.0 -54.0 Spectre 26.0 16.0 6.0 -4.0 -14.0 -24.0 -34.0 -44.0 -54.0 Span 120 kHz Center 136 MHz Total Power Ref 30.87 dBm 0.0125 MHz</p> <table border="1"><caption>Total Power Ref 30.87 dBm 0.0125 MHz</caption><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>&lt; Peak -&gt;</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>30.34</td><td>(-1.43)</td><td>0.0</td><td>30.34</td><td>(-1.43)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>46.16</td><td>(-6.50)</td><td>-12.50 k</td><td>48.77</td><td>(9.10)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>41.69</td><td>(-21.69)</td><td>-14.30 k</td><td>41.81</td><td>(-21.81)</td><td>14.35 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> <p>MSG: File &lt;MASK D.state&gt; recalled STATUS:</p>	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	30.34	(-1.43)	0.0	30.34	(-1.43)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	46.16	(-6.50)	-12.50 k	48.77	(9.10)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	41.69	(-21.69)	-14.30 k	41.81	(-21.81)	14.35 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—	Frequency	Center Freq 136.012500 MHz	CF Step 12.00 kHz Auto	Freq Offset 0 Hz
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak ->	Upper ΔLim(dB)	Freq (Hz)																																																														
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TX-ANL	FM	CH <sub>L</sub>	 <p>Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50Ω AC SENSE:PULSE ALIGN OFF 11:05:09 AM Dec 28, 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 26 dB Ref 36.0 dBm 10 dB/div Log 26.0 16.0 6.0 -4.0 -14.0 -24.0 -34.0 -44.0 -54.0 Absolute Lim 26.0 16.0 6.0 -4.0 -14.0 -24.0 -34.0 -44.0 -54.0 Spectre 26.0 16.0 6.0 -4.0 -14.0 -24.0 -34.0 -44.0 -54.0 Span 120 kHz Center 136 MHz Total Power Ref 30.78 dBm 0.0125 MHz</p> <table border="1"><caption>Total Power Ref 30.78 dBm 0.0125 MHz</caption><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>&lt; Peak -&gt;</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>28.46</td><td>(-3.31)</td><td>0.0</td><td>28.48</td><td>(-3.29)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>40.93</td><td>(-1.63)</td><td>-12.45 k</td><td>40.41</td><td>(0.74)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>41.28</td><td>(-21.28)</td><td>-12.50 k</td><td>42.21</td><td>(-22.21)</td><td>16.40 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> <p>MSG: File &lt;Temp.png&gt; saved STATUS:</p>	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	28.46	(-3.31)	0.0	28.48	(-3.29)	50.00	5.625 kHz	12.50 kHz	100.0 Hz	40.93	(-1.63)	-12.45 k	40.41	(0.74)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	41.28	(-21.28)	-12.50 k	42.21	(-22.21)	16.40 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	—	(—)	—	—	(—)	—	Frequency	Center Freq 136.012500 MHz	CF Step 12.00 kHz Auto	Freq Offset 0 Hz
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak ->	Upper ΔLim(dB)	Freq (Hz)																																																														
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TX-ANL	FM	CH <sub>M2</sub>	 <p>Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50Ω AC SENSE:PULSE ALIGN OFF 11:01:49 AM Dec 28, 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 26 dB Ref 37.0 dBm 10 dB/div Log 27.0 17.0 7.0 -3.0 -13.0 -23.0 -33.0 -43.0 -53.0 Absolute Lim 27.0 17.0 7.0 -3.0 -13.0 -23.0 -33.0 -43.0 -53.0 Spectre 27.0 17.0 7.0 -3.0 -13.0 -23.0 -33.0 -43.0 -53.0 Span 120 kHz Center 155 MHz Total Power Ref 31.53 dBm 0.0125 MHz</p> <table border="1"><caption>Total Power Ref 31.53 dBm 0.0125 MHz</caption><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>&lt; Peak -&gt;</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>31.22</td><td>(-1.47)</td><td>0.0</td><td>31.26</td><td>(-1.43)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>42.00</td><td>(-3.62)</td><td>-12.45 k</td><td>42.17</td><td>(-3.43)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>42.06</td><td>(-22.06)</td><td>-12.85 k</td><td>42.63</td><td>(-22.63)</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></tbody></table> <p>MSG: File &lt;MASK D.state&gt; recalled STATUS:</p>	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	31.22	(-1.47)	0.0	31.26	(-1.43)	50.00	5.625 kHz	12.50 kHz	100.0 Hz	42.00	(-3.62)	-12.45 k	42.17	(-3.43)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	42.06	(-22.06)	-12.85 k	42.63	(-22.63)	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	—	(—)	—	—	(—)	—	Frequency	Center Freq 155.012500 MHz	CF Step 12.00 kHz Auto	Freq Offset 0 Hz
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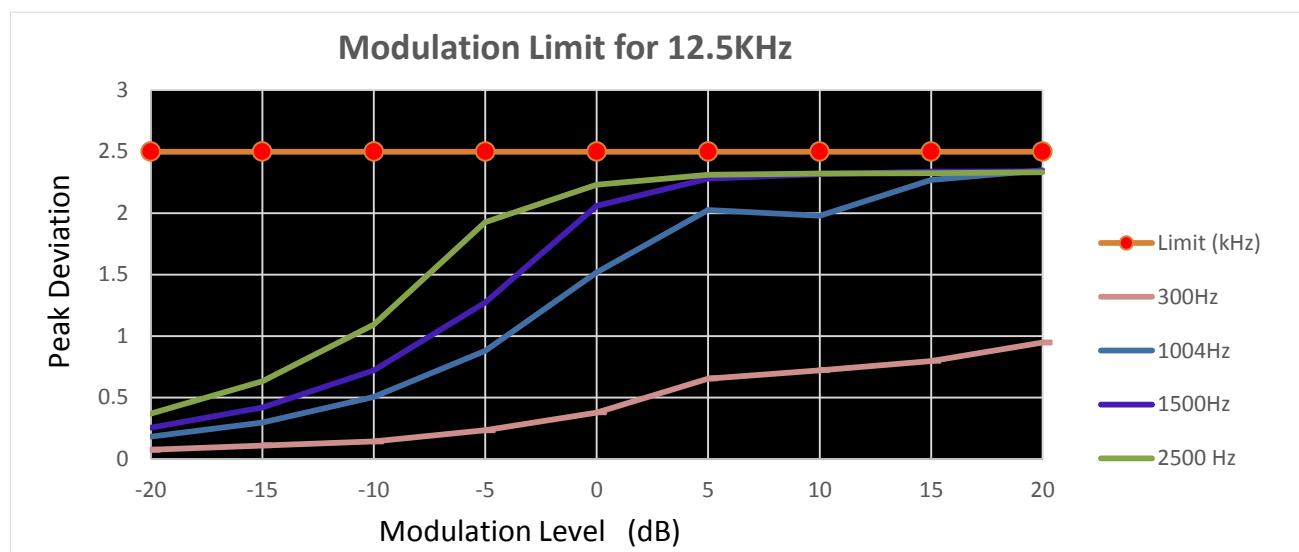


## Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																															
TX-ANL	FM	CH <sub>M2</sub>	<p>Agilent Spectrum Analyzer - Spectrum Emission Mask</p> <p>Center Freq 155.012500 MHz</p> <p>PASS</p> <p>Total Power Ref 31.86 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>&lt; Peak &gt;</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>29.37</td><td>(-3.32)</td><td>0.0</td><td>29.37</td><td>(-3.32)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>39.93</td><td>(-1.18)</td><td>-12.50 k</td><td>-40.00</td><td>(-1.26)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>39.52</td><td>(-19.52)</td><td>-12.50 k</td><td>-37.16</td><td>(-17.16)</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 >	Upper ΔLIM(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	29.37	(-3.32)	0.0	29.37	(-3.32)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	39.93	(-1.18)	-12.50 k	-40.00	(-1.26)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	39.52	(-19.52)	-12.50 k	-37.16	(-17.16)	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-ANL	FM	CH <sub>H</sub>	<p>Agilent Spectrum Analyzer - Spectrum Emission Mask</p> <p>Center Freq 173.987500 MHz</p> <p>PASS</p> <p>Total Power Ref 35.85 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>&lt; Peak &gt;</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>35.78</td><td>(-1.60)</td><td>0.0</td><td>35.78</td><td>(-1.60)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>41.26</td><td>(-7.91)</td><td>-12.40 k</td><td>-41.79</td><td>(-8.07)</td><td>12.45 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>38.02</td><td>(-18.02)</td><td>-16.65 k</td><td>-37.98</td><td>(-17.98)</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></tbody></table>	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	35.78	(-1.60)	0.0	35.78	(-1.60)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	41.26	(-7.91)	-12.40 k	-41.79	(-8.07)	12.45 k	12.50 kHz	60.00 kHz	100.0 Hz	38.02	(-18.02)	-16.65 k	-37.98	(-17.98)	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	--	(--)	--	--	(--)	--
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TX-ANL	FM	CH <sub>H</sub>	<p>Agilent Spectrum Analyzer - Spectrum Emission Mask</p> <p>Center Freq 173.987500 MHz</p> <p>PASS</p> <p>Total Power Ref 35.88 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>&lt; Peak &gt;</th><th>Upper ΔLIM(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>33.90</td><td>(-3.47)</td><td>0.0</td><td>33.90</td><td>(-3.47)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>36.27</td><td>(-2.20)</td><td>-12.50 k</td><td>-0.754</td><td>(-2.66)</td><td>7.550 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>34.98</td><td>(-14.98)</td><td>-12.50 k</td><td>-34.73</td><td>(-14.73)</td><td>12.55 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>--</td><td>(--)</td><td>--</td><td>--</td><td>(--)</td><td>--</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>--</td><td>(--)</td><td>--</td><td>--</td><td>(--)</td><td>--</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>--</td><td>(--)</td><td>--</td><td>--</td><td>(--)</td><td>--</td></tr></tbody></table>	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	33.90	(-3.47)	0.0	33.90	(-3.47)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	36.27	(-2.20)	-12.50 k	-0.754	(-2.66)	7.550 k	12.50 kHz	60.00 kHz	100.0 Hz	34.98	(-14.98)	-12.50 k	-34.73	(-14.73)	12.55 k	4.000 MHz	8.000 MHz	1.000 MHz	--	(--)	--	--	(--)	--	8.000 MHz	12.50 MHz	1.000 MHz	--	(--)	--	--	(--)	--	12.50 MHz	15.00 MHz	1.000 MHz	--	(--)	--	--	(--)	--
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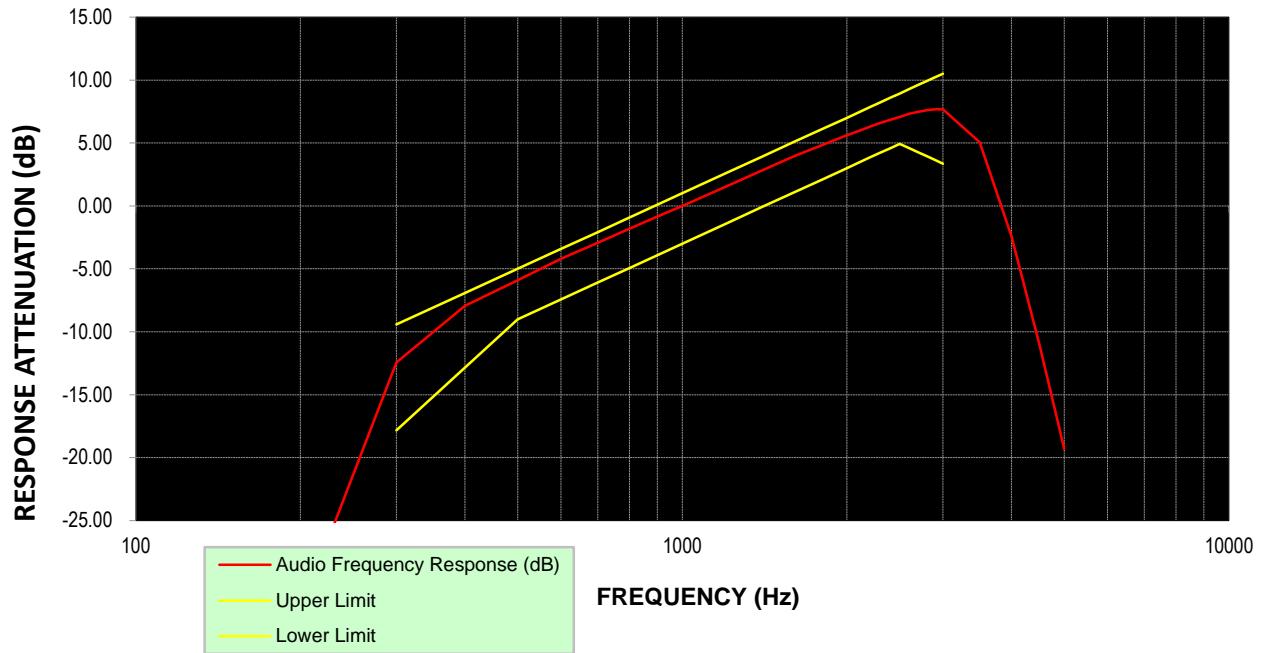
**Appendix D:Modulation Limit**

Operation Mode	Modulation Type	Test Channel	Modulation Level (dB)	Peak frequency deviation (kHz)				Limit (kHz)	Result
				300Hz	1004Hz	1500Hz	2500 Hz		
TX-ANH	FM	CH <sub>M2</sub>	-20	0.075	0.183	0.256	0.37	2.5	PASS
TX-ANH	FM	CH <sub>M2</sub>	-15	0.111	0.297	0.42	0.632	2.5	PASS
TX-ANH	FM	CH <sub>M2</sub>	-10	0.143	0.505	0.721	1.093	2.5	PASS
TX-ANH	FM	CH <sub>M2</sub>	-5	0.234	0.88	1.274	1.927	2.5	PASS
TX-ANH	FM	CH <sub>M2</sub>	0	0.378	1.519	2.06	2.23	2.5	PASS
TX-ANH	FM	CH <sub>M2</sub>	5	0.654	2.024	2.28	2.311	2.5	PASS
TX-ANH	FM	CH <sub>M2</sub>	10	0.722	1.978	2.316	2.322	2.5	PASS
TX-ANH	FM	CH <sub>M2</sub>	15	0.797	2.27	2.338	2.325	2.5	PASS
TX-ANH	FM	CH <sub>M2</sub>	20	0.947	2.348	2.34	2.332	2.5	PASS

**Appendix D: Modulation Limit****TEST PLOT RESULT**

**Appendix E: Aduio Frequency Response**

Operation Mode	Modulation Type	Test Channel	Frequency (Hz)	Audio Frequency Response (dB)	Lower Limit	Upper Limit	Result
TX-ANH	FM	CH <sub>M2</sub>	100	-32.09	-	-	PASS
TX-ANH	FM	CH <sub>M2</sub>	200	-32.25	-	-	PASS
TX-ANH	FM	CH <sub>M2</sub>	300	-12.43	-17.84	-9.42	PASS
TX-ANH	FM	CH <sub>M2</sub>	400	-7.94	-12.86	-6.93	PASS
TX-ANH	FM	CH <sub>M2</sub>	500	-5.90	-9.00	-5.00	PASS
TX-ANH	FM	CH <sub>M2</sub>	600	-4.20	-7.42	-3.42	PASS
TX-ANH	FM	CH <sub>M2</sub>	700	-2.94	-6.09	-2.09	PASS
TX-ANH	FM	CH <sub>M2</sub>	800	-1.81	-4.93	-0.93	PASS
TX-ANH	FM	CH <sub>M2</sub>	900	-0.84	-3.91	0.09	PASS
TX-ANH	FM	CH <sub>M2</sub>	1000	0.01	-3.00	1.00	PASS
TX-ANH	FM	CH <sub>M2</sub>	1200	1.51	-1.42	2.58	PASS
TX-ANH	FM	CH <sub>M2</sub>	1400	2.81	-0.09	3.91	PASS
TX-ANH	FM	CH <sub>M2</sub>	1600	3.93	1.07	5.07	PASS
TX-ANH	FM	CH <sub>M2</sub>	1800	4.83	2.09	6.09	PASS
TX-ANH	FM	CH <sub>M2</sub>	2000	5.62	3.00	7.00	PASS
TX-ANH	FM	CH <sub>M2</sub>	2100	5.96	3.42	7.42	PASS
TX-ANH	FM	CH <sub>M2</sub>	2200	6.29	3.83	7.83	PASS
TX-ANH	FM	CH <sub>M2</sub>	2300	6.58	4.21	8.21	PASS
TX-ANH	FM	CH <sub>M2</sub>	2400	6.83	4.58	8.58	PASS
TX-ANH	FM	CH <sub>M2</sub>	2500	7.08	4.93	8.93	PASS
TX-ANH	FM	CH <sub>M2</sub>	2600	7.31	4.59	9.27	PASS
TX-ANH	FM	CH <sub>M2</sub>	2700	7.48	4.27	9.60	PASS
TX-ANH	FM	CH <sub>M2</sub>	2800	7.60	3.95	9.91	PASS
TX-ANH	FM	CH <sub>M2</sub>	2900	7.68	3.65	10.22	PASS
TX-ANH	FM	CH <sub>M2</sub>	3000	7.68	3.35	10.51	PASS
TX-ANH	FM	CH <sub>M2</sub>	3500	5.06	-	-	PASS
TX-ANH	FM	CH <sub>M2</sub>	4000	-2.40	-	-	PASS
TX-ANH	FM	CH <sub>M2</sub>	4500	-10.96	-	-	PASS
TX-ANH	FM	CH <sub>M2</sub>	5000	-19.31	-	-	PASS

**Appendix E: Aduio Frequency Response****TEST PLOT RESULT****Aduio Freqeucnky Response For 12.5kHz**

Note: The highest audio frequency response at  $3\text{kHz} < 3.125\text{kHz}$ , so meet the requirement.

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

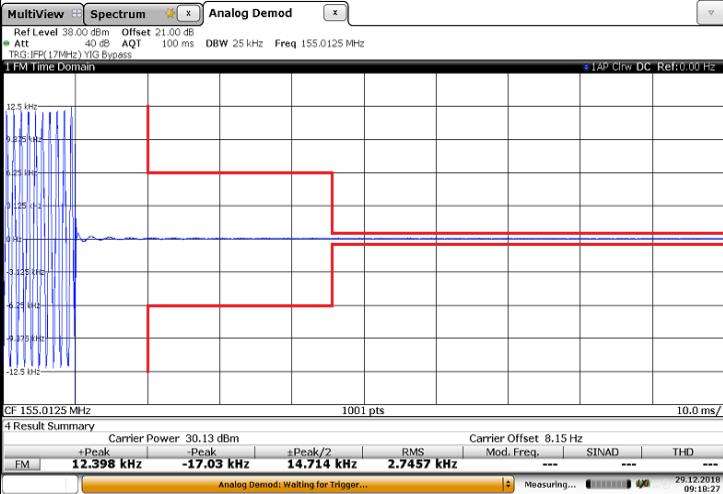
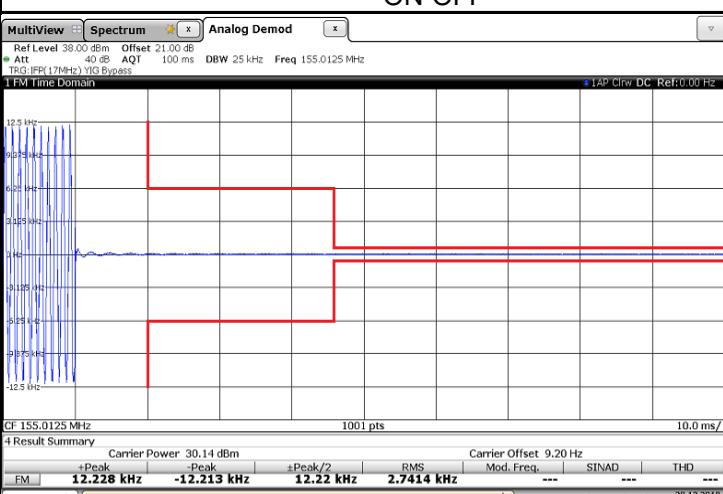
Operation Mode	Modulation Type	Test Conditions		Frequency error (ppm)			Limit (ppm)	Result
		Voltage	Temperature	CH <sub>L</sub>	CH <sub>M2</sub>	CH <sub>H</sub>		
TX-DNH	4FSK	V <sub>N</sub>	-30	-0.079	<b>0.044</b>	-0.110	±5.0	PASS
TX-DNH	4FSK	V <sub>N</sub>	-20	-0.066	0.035	-0.094	±5.0	PASS
TX-DNH	4FSK	V <sub>N</sub>	-10	-0.059	0.028	-0.085	±5.0	PASS
TX-DNH	4FSK	V <sub>N</sub>	0	-0.043	0.021	-0.063	±5.0	PASS
TX-DNH	4FSK	V <sub>N</sub>	10	-0.034	0.011	-0.048	±5.0	PASS
TX-DNH	4FSK	V <sub>N</sub>	20	-0.027	-0.003	-0.039	±5.0	PASS
TX-DNH	4FSK	V <sub>N</sub>	30	-0.038	0.009	-0.059	±5.0	PASS
TX-DNH	4FSK	V <sub>N</sub>	40	-0.046	0.018	-0.069	±5.0	PASS
TX-DNH	4FSK	V <sub>N</sub>	55	-0.053	0.035	-0.079	±5.0	PASS
TX-DNL	4FSK	V <sub>N</sub>	-30	-0.074	-0.060	-0.062	±5.0	PASS
TX-DNL	4FSK	V <sub>N</sub>	-20	-0.060	-0.053	-0.055	±5.0	PASS
TX-DNL	4FSK	V <sub>N</sub>	-10	-0.054	-0.045	-0.042	±5.0	PASS
TX-DNL	4FSK	V <sub>N</sub>	0	-0.041	-0.035	-0.037	±5.0	PASS
TX-DNL	4FSK	V <sub>N</sub>	10	-0.034	-0.026	-0.027	±5.0	PASS
TX-DNL	4FSK	V <sub>N</sub>	20	-0.025	-0.021	-0.021	±5.0	PASS
TX-DNL	4FSK	V <sub>N</sub>	30	-0.035	-0.031	-0.032	±5.0	PASS
TX-DNL	4FSK	V <sub>N</sub>	40	-0.045	-0.039	-0.037	±5.0	PASS
TX-DNL	4FSK	V <sub>N</sub>	55	-0.033	-0.028	-0.029	±5.0	PASS
TX-ANH	FM	V <sub>N</sub>	-30	<b>0.252</b>	0.246	0.247	±5.0	PASS
TX-ANH	FM	V <sub>N</sub>	-20	0.246	0.235	0.236	±5.0	PASS
TX-ANH	FM	V <sub>N</sub>	-10	0.233	0.225	0.227	±5.0	PASS
TX-ANH	FM	V <sub>N</sub>	0	0.226	0.219	0.221	±5.0	PASS
TX-ANH	FM	V <sub>N</sub>	10	0.220	0.217	0.214	±5.0	PASS
TX-ANH	FM	V <sub>N</sub>	20	0.208	0.203	0.205	±5.0	PASS
TX-ANH	FM	V <sub>N</sub>	30	0.220	0.213	0.218	±5.0	PASS
TX-ANH	FM	V <sub>N</sub>	40	0.227	0.222	0.221	±5.0	PASS
TX-ANH	FM	V <sub>N</sub>	55	0.236	0.227	0.232	±5.0	PASS
TX-ANL	FM	V <sub>N</sub>	-30	0.249	0.247	0.233	±5.0	PASS
TX-ANL	FM	V <sub>N</sub>	-20	0.245	0.245	0.227	±5.0	PASS
TX-ANL	FM	V <sub>N</sub>	-10	0.235	0.237	0.224	±5.0	PASS
TX-ANL	FM	V <sub>N</sub>	0	0.234	0.226	0.217	±5.0	PASS
TX-ANL	FM	V <sub>N</sub>	10	0.221	0.218	0.212	±5.0	PASS
TX-ANL	FM	V <sub>N</sub>	20	0.213	0.210	0.200	±5.0	PASS
TX-ANL	FM	V <sub>N</sub>	30	0.225	0.226	0.216	±5.0	PASS
TX-ANL	FM	V <sub>N</sub>	40	0.231	0.233	0.223	±5.0	PASS
TX-ANL	FM	V <sub>N</sub>	55	0.241	0.235	0.227	±5.0	PASS

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

Operation Mode	Modulation Type	Test Conditions		Frequency error (ppm)			Limit (ppm)	Result
		Voltage	Temperature	CH <sub>L</sub>	CH <sub>M2</sub>	CH <sub>H</sub>		
TX-DNH	4FSK	V <sub>N</sub>	T <sub>N</sub>	-0.027	<b>-0.003</b>	-0.039	±5.0	PASS
TX-DNH	4FSK	V <sub>L</sub>	T <sub>N</sub>	-0.076	-0.035	-0.074	±5.0	PASS
TX-DNH	4FSK	V <sub>H</sub>	T <sub>N</sub>	-0.047	-0.027	-0.061	±5.0	PASS
TX-DNL	4FSK	V <sub>N</sub>	T <sub>N</sub>	-0.071	-0.031	-0.088	±5.0	PASS
TX-DNL	4FSK	V <sub>L</sub>	T <sub>N</sub>	-0.056	-0.045	-0.072	±5.0	PASS
TX-DNL	4FSK	V <sub>H</sub>	T <sub>N</sub>	-0.045	-0.028	-0.062	±5.0	PASS
TX-ANH	FM	V <sub>N</sub>	T <sub>N</sub>	0.208	0.203	0.205	±5.0	PASS
TX-ANH	FM	V <sub>L</sub>	T <sub>N</sub>	0.245	0.242	0.240	±5.0	PASS
TX-ANH	FM	V <sub>H</sub>	T <sub>N</sub>	0.227	0.223	0.230	±5.0	PASS
TX-ANL	FM	V <sub>N</sub>	T <sub>N</sub>	0.245	<b>0.253</b>	0.248	±5.0	PASS
TX-ANL	FM	V <sub>L</sub>	T <sub>N</sub>	0.241	0.233	0.234	±5.0	PASS
TX-ANL	FM	V <sub>H</sub>	T <sub>N</sub>	0.231	0.222	0.229	±5.0	PASS



## Appendix H:Transmitter Frequency Behavior

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-DNH	4FSK	CH <sub>M2</sub>	 <p>MultiView Spectrum Analog Demod</p> <p>Ref Level 38.00 dBm Offset 21.00 dB Att 40 dB AQI 100 ms DBW 25 kHz Freq 155.0125 MHz TRG: IFR(17MHz) YIG Bypass</p> <p>CF 155.0125 MHz 1001 pts 10.0 ms/</p> <p>4 Result Summary Carrier Power 30.13 dBm Carrier Offset 8.15 Hz +Peak -Peak +Peak/2 RMS Mod. Freq. SINAD THD FM 12.398 kHz -17.03 kHz 14.714 kHz 2.7457 kHz *** *** ***</p> <p>Analog Demod: Waiting for Trigger... Measuring... 29.12.2018 09:18:27</p> <p>Date: 29.DEC.2018 09:18:26</p> <p style="text-align: center;">OFF~ON</p>
TX-DNH	4FSK	CH <sub>M2</sub>	 <p>MultiView Spectrum Analog Demod</p> <p>Ref Level 38.00 dBm Offset 21.00 dB Att 40 dB AQI 100 ms DBW 25 kHz Freq 155.0125 MHz TRG: IFR(17MHz) YIG Bypass</p> <p>CF 155.0125 MHz 1001 pts 10.0 ms/</p> <p>4 Result Summary Carrier Power 30.11 dBm Carrier Offset 12.71 Hz +Peak -Peak +Peak/2 RMS Mod. Freq. SINAD THD FM 16.484 kHz -18.544 kHz 17.514 kHz 2.1417 kHz *** *** ***</p> <p>Analog Demod: Waiting for Trigger... Measuring... 29.12.2018 09:21:33</p> <p>Date: 29.DEC.2018 09:21:33</p> <p style="text-align: center;">ON-OFF</p>
TX-ANH	FM	CH <sub>M2</sub>	 <p>MultiView Spectrum Analog Demod</p> <p>Ref Level 38.00 dBm Offset 21.00 dB Att 40 dB AQI 100 ms DBW 25 kHz Freq 155.0125 MHz TRG: IFR(17MHz) YIG Bypass</p> <p>CF 155.0125 MHz 1001 pts 10.0 ms/</p> <p>4 Result Summary Carrier Power 30.14 dBm Carrier Offset 9.20 Hz +Peak -Peak +Peak/2 RMS Mod. Freq. SINAD THD FM 12.228 kHz -12.213 kHz 12.22 kHz 2.7414 kHz *** *** ***</p> <p>Analog Demod: Waiting for Trigger... Measuring... 29.12.2018 09:27:53</p> <p>Date: 29.DEC.2018 09:27:53</p> <p style="text-align: center;">OFF~ON</p>



## Appendix H:Transmitter Frequency Behavior

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																		
TX-ANH	FM	CH <sub>M2</sub>	<p>The figure shows a spectrum analysis plot with the following details:</p> <ul style="list-style-type: none"><li><b>Top Panel:</b> Spectrum view showing a carrier at 155.0125 MHz with sidebands. A red horizontal bar indicates the bandwidth from -14.084 kHz to 14.868 kHz.</li><li><b>Bottom Panel:</b> Result Summary table.</li></ul> <table border="1"><caption>Result Summary</caption><thead><tr><th></th><th>Carrier Power</th><th>Peak</th><th>Peak /2</th><th>RMS</th><th>Carrier Offset</th><th>Mod. Freq.</th><th>SINAD</th><th>THD</th></tr></thead><tbody><tr><td>FM</td><td>30.12 dBm</td><td>15.652 kHz</td><td>-14.084 kHz</td><td>14.868 kHz</td><td>2.1269 kHz</td><td>---</td><td>---</td><td>---</td></tr></tbody></table> <p>Date: 29.DEC.2018 09:28:35</p> <p>Analog Demod: Waiting for Trigger... Measuring... 29.12.2018 09:28:35</p> <p style="text-align: center;">ON-OFF</p>		Carrier Power	Peak	Peak /2	RMS	Carrier Offset	Mod. Freq.	SINAD	THD	FM	30.12 dBm	15.652 kHz	-14.084 kHz	14.868 kHz	2.1269 kHz	---	---	---
	Carrier Power	Peak	Peak /2	RMS	Carrier Offset	Mod. Freq.	SINAD	THD													
FM	30.12 dBm	15.652 kHz	-14.084 kHz	14.868 kHz	2.1269 kHz	---	---	---													



## Appendix I:Spurious Emission On Antenna Port

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																																		
TX-DNH	4FSK	CH <sub>L</sub>	<p>Agilent Spectrum Analyzer - Sweep SA Center Freq 515.000000 MHz Start 30.000 MHz Stop 1.0000 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 92.73 ms (1001 pts) Mkr3 135.73 MHz -42.547 dBm</p> <p>MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE</p> <table border="1"><tr><td>1</td><td>N</td><td>1</td><td>f</td><td>409.30 MHz</td><td>-33.592 dBm</td></tr><tr><td>2</td><td>N</td><td>1</td><td>f</td><td>644.10 MHz</td><td>-33.858 dBm</td></tr><tr><td>3</td><td>N</td><td>1</td><td>f</td><td>135.73 MHz</td><td>-42.547 dBm</td></tr><tr><td>4</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>5</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>6</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>7</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>8</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>9</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>10</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>11</td><td></td><td></td><td></td><td></td><td></td></tr></table> <p>Frequency Auto Tune Center Freq 515.000000 MHz Start Freq 30.000000 MHz Stop Freq 1.000000000 GHz CF Step 97.000000 MHz Auto Freq Offset 0 Hz</p> <p>30MHz~1GHz</p>	1	N	1	f	409.30 MHz	-33.592 dBm	2	N	1	f	644.10 MHz	-33.858 dBm	3	N	1	f	135.73 MHz	-42.547 dBm	4						5						6						7						8						9						10						11					
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TX-DNH	4FSK	CH <sub>L</sub>	<p>Agilent Spectrum Analyzer - Sweep SA Center Freq 1.180062500 GHz Start 1.0000 GHz Stop 1.3601 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 1.000 ms (1001 pts) Mkr1 1.0886 GHz -61.727 dBm</p> <p>MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE</p> <table border="1"><tr><td>1</td><td>N</td><td>1</td><td>f</td><td>1.0886 GHz</td><td>-61.727 dBm</td></tr><tr><td>2</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>3</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>4</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>5</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>6</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>7</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>8</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>9</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>10</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>11</td><td></td><td></td><td></td><td></td><td></td></tr></table> <p>Frequency Auto Tune Center Freq 1.180062500 GHz Start Freq 1.000000000 GHz Stop Freq 1.360125000 GHz CF Step 36.012500 MHz Auto Freq Offset 0 Hz</p> <p>1GHz~10th Harmonic</p>	1	N	1	f	1.0886 GHz	-61.727 dBm	2						3						4						5						6						7						8						9						10						11					
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TX-DNH	4FSK	CH <sub>M2</sub>	<p>Agilent Spectrum Analyzer - Sweep SA Center Freq 515.000000 MHz Start 30.000 MHz Stop 1.0000 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 92.73 ms (1001 pts) Mkr3 310.33 MHz -47.268 dBm</p> <p>MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE</p> <table border="1"><tr><td>1</td><td>N</td><td>1</td><td>f</td><td>465.53 MHz</td><td>-40.097 dBm</td></tr><tr><td>2</td><td>N</td><td>1</td><td>f</td><td>165.13 MHz</td><td>-40.658 dBm</td></tr><tr><td>3</td><td>N</td><td>1</td><td>f</td><td>310.33 MHz</td><td>-47.268 dBm</td></tr><tr><td>4</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>5</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>6</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>7</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>8</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>9</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>10</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>11</td><td></td><td></td><td></td><td></td><td></td></tr></table> <p>Frequency Auto Tune Center Freq 515.000000 MHz Start Freq 30.000000 MHz Stop Freq 1.000000000 GHz CF Step 97.000000 MHz Auto Freq Offset 0 Hz</p> <p>30MHz~1GHz</p>	1	N	1	f	465.53 MHz	-40.097 dBm	2	N	1	f	165.13 MHz	-40.658 dBm	3	N	1	f	310.33 MHz	-47.268 dBm	4						5						6						7						8						9						10						11					
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## Appendix I:Spurious Emission On Antenna Port

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-DNH	4FSK	CH <sub>M2</sub>	<p>Agilent Spectrum Analyzer - Swept SA Center Freq 1.275062500 GHz Start Freq 1.000000000 GHz Stop Freq 1.550125000 GHz CF Step 55.012500 MHz Freq Offset 0 Hz Ref Offset 6 dB Ref 0.00 dBm Mkr1 1.4687 GHz -69.005 dBm Mkr2 1.4687 GHz -70.000 dBm Mkr3 1.4687 GHz -71.000 dBm Mkr4 1.4687 GHz -72.000 dBm Mkr5 1.4687 GHz -73.000 dBm Mkr6 1.4687 GHz -74.000 dBm Mkr7 1.4687 GHz -75.000 dBm Mkr8 1.4687 GHz -76.000 dBm Mkr9 1.4687 GHz -77.000 dBm Mkr10 1.4687 GHz -78.000 dBm Mkr11 1.4687 GHz -79.000 dBm Mkr12 1.4687 GHz -80.000 dBm Mkr13 1.4687 GHz -81.000 dBm Mkr14 1.4687 GHz -82.000 dBm Mkr15 1.4687 GHz -83.000 dBm Mkr16 1.4687 GHz -84.000 dBm Mkr17 1.4687 GHz -85.000 dBm Mkr18 1.4687 GHz -86.000 dBm Mkr19 1.4687 GHz -87.000 dBm Mkr20 1.4687 GHz -88.000 dBm Mkr21 1.4687 GHz -89.000 dBm Mkr22 1.4687 GHz -90.000 dBm Mkr23 1.4687 GHz -91.000 dBm Mkr24 1.4687 GHz -92.000 dBm Mkr25 1.4687 GHz -93.000 dBm Mkr26 1.4687 GHz -94.000 dBm Mkr27 1.4687 GHz -95.000 dBm Mkr28 1.4687 GHz -96.000 dBm Mkr29 1.4687 GHz -97.000 dBm Mkr30 1.4687 GHz -98.000 dBm Mkr31 1.4687 GHz -99.000 dBm Mkr32 1.4687 GHz -100.000 dBm Start 1.0000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 1.000 ms (1001 pts) Stop 1.5501 GHz Avg Type: Log-Pwr Avg Hold: 100/100 M80 File &lt;Temp.png&gt; saved STATUS</p> <p>1GHz~10th Harmonic</p>
TX-DNH	4FSK	CH <sub>H</sub>	<p>Agilent Spectrum Analyzer - Swept SA Center Freq 515.0000000 MHz Start Freq 30.0000000 MHz Stop Freq 1.000000000 GHz CF Step 97.000000 MHz Freq Offset 0 Hz Ref Offset 6 dB Ref 0.00 dBm Mkr1 348.16 MHz -40.079 dBm Mkr2 348.16 MHz -41.000 dBm Mkr3 348.16 MHz -42.000 dBm Mkr4 348.16 MHz -43.000 dBm Mkr5 348.16 MHz -44.000 dBm Mkr6 348.16 MHz -45.000 dBm Mkr7 348.16 MHz -46.000 dBm Mkr8 348.16 MHz -47.000 dBm Mkr9 348.16 MHz -48.000 dBm Mkr10 348.16 MHz -49.000 dBm Mkr11 348.16 MHz -50.000 dBm Mkr12 348.16 MHz -51.000 dBm Mkr13 348.16 MHz -52.000 dBm Mkr14 348.16 MHz -53.000 dBm Mkr15 348.16 MHz -54.000 dBm Mkr16 348.16 MHz -55.000 dBm Mkr17 348.16 MHz -56.000 dBm Mkr18 348.16 MHz -57.000 dBm Mkr19 348.16 MHz -58.000 dBm Mkr20 348.16 MHz -59.000 dBm Mkr21 348.16 MHz -60.000 dBm Mkr22 348.16 MHz -61.000 dBm Mkr23 348.16 MHz -62.000 dBm Mkr24 348.16 MHz -63.000 dBm Mkr25 348.16 MHz -64.000 dBm Mkr26 348.16 MHz -65.000 dBm Mkr27 348.16 MHz -66.000 dBm Mkr28 348.16 MHz -67.000 dBm Mkr29 348.16 MHz -68.000 dBm Mkr30 348.16 MHz -69.000 dBm Mkr31 348.16 MHz -70.000 dBm Mkr32 348.16 MHz -71.000 dBm Mkr33 348.16 MHz -72.000 dBm Mkr34 348.16 MHz -73.000 dBm Mkr35 348.16 MHz -74.000 dBm Mkr36 348.16 MHz -75.000 dBm Mkr37 348.16 MHz -76.000 dBm Mkr38 348.16 MHz -77.000 dBm Mkr39 348.16 MHz -78.000 dBm Mkr40 348.16 MHz -79.000 dBm Mkr41 348.16 MHz -80.000 dBm Mkr42 348.16 MHz -81.000 dBm Mkr43 348.16 MHz -82.000 dBm Mkr44 348.16 MHz -83.000 dBm Mkr45 348.16 MHz -84.000 dBm Mkr46 348.16 MHz -85.000 dBm Mkr47 348.16 MHz -86.000 dBm Mkr48 348.16 MHz -87.000 dBm Mkr49 348.16 MHz -88.000 dBm Mkr50 348.16 MHz -89.000 dBm Mkr51 348.16 MHz -90.000 dBm Mkr52 348.16 MHz -91.000 dBm Mkr53 348.16 MHz -92.000 dBm Mkr54 348.16 MHz -93.000 dBm Mkr55 348.16 MHz -94.000 dBm Mkr56 348.16 MHz -95.000 dBm Mkr57 348.16 MHz -96.000 dBm Mkr58 348.16 MHz -97.000 dBm Mkr59 348.16 MHz -98.000 dBm Mkr60 348.16 MHz -99.000 dBm Mkr61 348.16 MHz -100.000 dBm Start 30.000 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 92.73 ms (1001 pts) Stop 1.000000000 GHz Avg Type: Log-Pwr Avg Hold: 23/100 M80 File &lt;Temp.png&gt; saved STATUS</p> <p>30MHz~1GHz</p>
TX-DNH	4FSK	CH <sub>H</sub>	<p>Agilent Spectrum Analyzer - Swept SA Center Freq 1.369937500 GHz Start Freq 1.000000000 GHz Stop Freq 1.739875000 GHz CF Step 73.987500 MHz Freq Offset 0 Hz Ref Offset 6 dB Ref 0.00 dBm Mkr1 1044.4 MHz -58.287 dBm Mkr2 1044.4 MHz -59.000 dBm Mkr3 1044.4 MHz -60.000 dBm Mkr4 1044.4 MHz -61.000 dBm Mkr5 1044.4 MHz -62.000 dBm Mkr6 1044.4 MHz -63.000 dBm Mkr7 1044.4 MHz -64.000 dBm Mkr8 1044.4 MHz -65.000 dBm Mkr9 1044.4 MHz -66.000 dBm Mkr10 1044.4 MHz -67.000 dBm Mkr11 1044.4 MHz -68.000 dBm Mkr12 1044.4 MHz -69.000 dBm Mkr13 1044.4 MHz -70.000 dBm Mkr14 1044.4 MHz -71.000 dBm Mkr15 1044.4 MHz -72.000 dBm Mkr16 1044.4 MHz -73.000 dBm Mkr17 1044.4 MHz -74.000 dBm Mkr18 1044.4 MHz -75.000 dBm Mkr19 1044.4 MHz -76.000 dBm Mkr20 1044.4 MHz -77.000 dBm Mkr21 1044.4 MHz -78.000 dBm Mkr22 1044.4 MHz -79.000 dBm Mkr23 1044.4 MHz -80.000 dBm Mkr24 1044.4 MHz -81.000 dBm Mkr25 1044.4 MHz -82.000 dBm Mkr26 1044.4 MHz -83.000 dBm Mkr27 1044.4 MHz -84.000 dBm Mkr28 1044.4 MHz -85.000 dBm Mkr29 1044.4 MHz -86.000 dBm Mkr30 1044.4 MHz -87.000 dBm Mkr31 1044.4 MHz -88.000 dBm Mkr32 1044.4 MHz -89.000 dBm Mkr33 1044.4 MHz -90.000 dBm Mkr34 1044.4 MHz -91.000 dBm Mkr35 1044.4 MHz -92.000 dBm Mkr36 1044.4 MHz -93.000 dBm Mkr37 1044.4 MHz -94.000 dBm Mkr38 1044.4 MHz -95.000 dBm Mkr39 1044.4 MHz -96.000 dBm Mkr40 1044.4 MHz -97.000 dBm Mkr41 1044.4 MHz -98.000 dBm Mkr42 1044.4 MHz -99.000 dBm Mkr43 1044.4 MHz -100.000 dBm Start 1.0000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 1.7399 GHz Stop 1.739875000 GHz Avg Type: Log-Pwr Avg Hold: 100/100 M80 File &lt;Temp.png&gt; saved STATUS</p> <p>1GHz~10th Harmonic</p>



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TX-ANH	FM	CH <sub>L</sub>	<p>Agilent Spectrum Analyzer - Swept SA Center Freq 515.000000 MHz Start 30.000 MHz Stop 1.00000 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 92.73 ms (1001 pts) Mkr3 135.73 MHz -42.513 dBm</p> <p>Mkr MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE</p> <table border="1"><tr><td>1</td><td>N</td><td>1</td><td>f</td><td>409.20 MHz</td><td>-33.426 dBm</td></tr><tr><td>2</td><td>N</td><td>1</td><td>f</td><td>544.10 MHz</td><td>-33.513 dBm</td></tr><tr><td>3</td><td>N</td><td>1</td><td>f</td><td>135.73 MHz</td><td>-42.513 dBm</td></tr><tr><td>4</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>5</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>6</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>7</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>8</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>9</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>10</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>11</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>&lt;</td><td></td><td></td><td></td><td></td><td></td></tr></table> <p>30MHz~1GHz</p>	1	N	1	f	409.20 MHz	-33.426 dBm	2	N	1	f	544.10 MHz	-33.513 dBm	3	N	1	f	135.73 MHz	-42.513 dBm	4						5						6						7						8						9						10						11						<					
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Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-ANH	FM	CH <sub>M2</sub>	<p>Agilent Spectrum Analyzer - Swept SA Center Freq 1.275062500 GHz Pw: Fast Trig: Free Run Avg Type: Log-Pwr Avg Hold: 100/100 Ref Offset 6 dB Ref 0.00 dBm Start 1.0000 GHz Stop 1.5501 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 1.000 ms (1001 pts) Mkr1 1.4682 GHz -68.839 dBm MSO File &lt;Temp.png&gt; saved</p> <p>Frequency Auto Tune Center Freq 1.275062500 GHz Start Freq 1.000000000 GHz Stop Freq 1.550125000 GHz CF Step 55.012500 MHz Auto Freq Offset 0 Hz</p> <p>1GHz~10th Harmonic</p>
TX-ANH	FM	CH <sub>H</sub>	<p>Agilent Spectrum Analyzer - Swept SA Center Freq 515.0000000 MHz Pw: Fast Trig: Free Run Avg Type: Log-Pwr Avg Hold: 20/100 Ref Offset 6 dB Ref 0.00 dBm Start 30.000 MHz Stop 1.0000 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 92.73 ms (1001 pts) Mkr3 348.16 MHz -40.513 dBm Mkr1 521.79 MHz -36.217 dBm Mkr2 173.68 MHz -39.869 dBm MSO File &lt;Temp.png&gt; saved</p> <p>Frequency Auto Tune Center Freq 515.0000000 MHz Start Freq 30.0000000 MHz Stop Freq 1.000000000 GHz CF Step 97.000000 MHz Auto Freq Offset 0 Hz</p> <p>30MHz~1GHz</p>
TX-ANH	FM	CH <sub>H</sub>	<p>Agilent Spectrum Analyzer - Swept SA Center Freq 1.369937500 GHz Pw: Fast Trig: Free Run Avg Type: Log-Pwr Avg Hold: 100/100 Ref Offset 6 dB Ref 0.00 dBm Start 1.0000 GHz Stop 1.7399 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 1.000 ms (1001 pts) Mkr1 1.0444 GHz -60.716 dBm MSO File &lt;Temp.png&gt; saved</p> <p>Frequency Auto Tune Center Freq 1.369937500 GHz Start Freq 1.000000000 GHz Stop Freq 1.739875000 GHz CF Step 73.987500 MHz Auto Freq Offset 0 Hz</p> <p>1GHz~10th Harmonic</p>

----End of Report----