

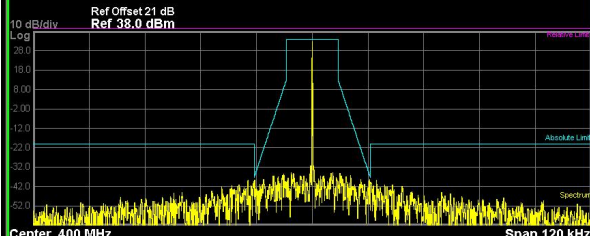
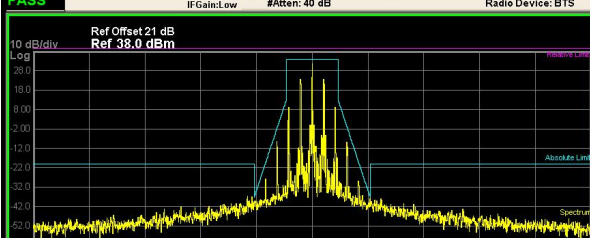
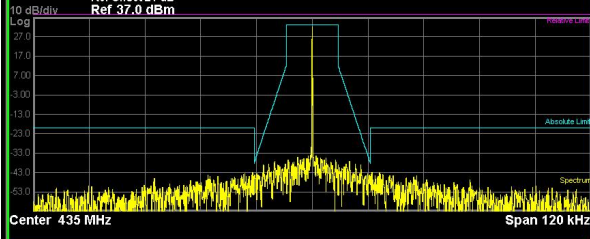
Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																															
TX-DNL	4FSK	CH _L	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50 dB AC SENSE:PULSE ALIGN:AUTO 10:05:32 AM Aug 11, 2025 Center Freq 400.012500 MHz Center Freq: 400.012500 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run #Atten: 40 dB Radio Device: BTS Ref Offset 21 dB Ref 36.0 dBm 10 dB/div Log 26.0 16.0 6.0 4.00 14.0 24.0 34.0 44.0 54.0 Center 400 MHz Span 120 kHz Spectrum Total Power Ref 31.07 dBm @ 0.125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>30.51</td><td>(-1.19)</td><td>0.0</td><td>30.51</td><td>(-1.19)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-44.57</td><td>(-5.94)</td><td>-12.35 k</td><td>-45.21</td><td>(-6.21)</td><td>12.40 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-44.41</td><td>(-24.41)</td><td>-17.40 k</td><td>-44.87</td><td>(-24.87)</td><td>14.40 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> MSG: File <MASK D.state> recalled STATUS Frequency Center Freq 400.012500 MHz CF Step 12.000 kHz Man Auto Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	30.51	(-1.19)	0.0	30.51	(-1.19)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-44.57	(-5.94)	-12.35 k	-45.21	(-6.21)	12.40 k	12.50 kHz	60.00 kHz	100.0 Hz	-44.41	(-24.41)	-17.40 k	-44.87	(-24.87)	14.40 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)																																																										
0.0 Hz	5.625 kHz	100.0 Hz	30.51	(-1.19)	0.0	30.51	(-1.19)	0.0																																																										
5.625 kHz	12.50 kHz	100.0 Hz	-44.57	(-5.94)	-12.35 k	-45.21	(-6.21)	12.40 k																																																										
12.50 kHz	60.00 kHz	100.0 Hz	-44.41	(-24.41)	-17.40 k	-44.87	(-24.87)	14.40 k																																																										
4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
TX-DNL	4FSK	CH _L	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50 dB AC SENSE:PULSE ALIGN:AUTO 10:06:21 AM Aug 11, 2025 Center Freq 400.012500 MHz Center Freq: 400.012500 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run Avg: 100.00% of 10 #Atten: 40 dB Radio Device: BTS Ref Offset 21 dB Ref 36.0 dBm 10 dB/div Log 26.0 16.0 6.0 4.00 14.0 24.0 34.0 44.0 54.0 Center 400 MHz Span 120 kHz Spectrum Total Power Ref 33.26 dBm @ 0.125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>20.27</td><td>(-11.44)</td><td>-350.0</td><td>26.05</td><td>(-5.66)</td><td>600.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-41.70</td><td>(-5.61)</td><td>-12.00 k</td><td>-45.16</td><td>(-5.43)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-42.33</td><td>(-22.33)</td><td>-12.50 k</td><td>-42.40</td><td>(-22.40)</td><td>13.80 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> MSG: File <Temp.png> saved STATUS Frequency Center Freq 400.012500 MHz CF Step 12.000 kHz Man Auto Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	20.27	(-11.44)	-350.0	26.05	(-5.66)	600.0	5.625 kHz	12.50 kHz	100.0 Hz	-41.70	(-5.61)	-12.00 k	-45.16	(-5.43)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-42.33	(-22.33)	-12.50 k	-42.40	(-22.40)	13.80 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)																																																										
0.0 Hz	5.625 kHz	100.0 Hz	20.27	(-11.44)	-350.0	26.05	(-5.66)	600.0																																																										
5.625 kHz	12.50 kHz	100.0 Hz	-41.70	(-5.61)	-12.00 k	-45.16	(-5.43)	12.50 k																																																										
12.50 kHz	60.00 kHz	100.0 Hz	-42.33	(-22.33)	-12.50 k	-42.40	(-22.40)	13.80 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	—	(—)	—	—	(—)	—																																																										
TX-DNL	4FSK	CH _M	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50 dB AC SENSE:PULSE ALIGN:AUTO 10:11:34 AM Aug 11, 2025 Center Freq 435.000000 MHz Center Freq: 435.000000 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run #Atten: 40 dB Radio Device: BTS Ref Offset 21 dB Ref 35.0 dBm 10 dB/div Log 26.0 16.0 6.0 4.00 14.0 24.0 34.0 44.0 54.0 Center 435 MHz Span 120 kHz Spectrum Total Power Ref 30.46 dBm @ 0.125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>29.86</td><td>(-1.11)</td><td>0.0</td><td>29.86</td><td>(-1.10)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-41.31</td><td>(-1.20)</td><td>-12.45 k</td><td>-41.22</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>-42.77</td><td>(-22.77)</td><td>-12.60 k</td><td>-42.69</td><td>(-22.69)</td><td>12.65 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> MSG: File <MASK D.state> recalled STATUS Frequency Center Freq 435.000000 MHz CF Step 12.000 kHz Man Auto Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	29.86	(-1.11)	0.0	29.86	(-1.10)	50.00	5.625 kHz	12.50 kHz	100.0 Hz	-41.31	(-1.20)	-12.45 k	-41.22	(-0.74)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-42.77	(-22.77)	-12.60 k	-42.69	(-22.69)	12.65 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)																																																										
0.0 Hz	5.625 kHz	100.0 Hz	29.86	(-1.11)	0.0	29.86	(-1.10)	50.00																																																										
5.625 kHz	12.50 kHz	100.0 Hz	-41.31	(-1.20)	-12.45 k	-41.22	(-0.74)	12.50 k																																																										
12.50 kHz	60.00 kHz	100.0 Hz	-42.77	(-22.77)	-12.60 k	-42.69	(-22.69)	12.65 k																																																										
4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										

Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																															
TX-DNL	4FSK	CH _M	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 435.000000 MHz Center Freq: 435.000000 MHz Trig: Free Run Avg: 100.00% of 10 Radio Std: None Radio Device: BTS Ref Offset 21 dB Ref 35.0 dBm 10 dB/div Log Center 435 MHz Span 120 kHz Total Power Ref 32.74 dBm @ 0.125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>21.32</td><td>(-9.64)</td><td>-550.0</td><td>24.34</td><td>(-6.62)</td><td>600.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-42.74</td><td>(-3.72)</td><td>-12.30 k</td><td>-41.59</td><td>(-1.48)</td><td>12.45 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-43.67</td><td>(-23.67)</td><td>-14.30 k</td><td>-43.53</td><td>(-23.53)</td><td>12.65 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> MSG File <Temp.png> saved STATUS Frequency Center Freq 435.000000 MHz CF Step 12.000 kHz Auto Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	21.32	(-9.64)	-550.0	24.34	(-6.62)	600.0	5.625 kHz	12.50 kHz	100.0 Hz	-42.74	(-3.72)	-12.30 k	-41.59	(-1.48)	12.45 k	12.50 kHz	60.00 kHz	100.0 Hz	-43.67	(-23.67)	-14.30 k	-43.53	(-23.53)	12.65 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)																																																										
0.0 Hz	5.625 kHz	100.0 Hz	21.32	(-9.64)	-550.0	24.34	(-6.62)	600.0																																																										
5.625 kHz	12.50 kHz	100.0 Hz	-42.74	(-3.72)	-12.30 k	-41.59	(-1.48)	12.45 k																																																										
12.50 kHz	60.00 kHz	100.0 Hz	-43.67	(-23.67)	-14.30 k	-43.53	(-23.53)	12.65 k																																																										
4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
TX-DNL	4FSK	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 469.987500 MHz Center Freq: 469.987500 MHz Trig: Free Run Avg: 100.00% of 10 Radio Std: None Radio Device: BTS Ref Offset 21 dB Ref 35.0 dBm 10 dB/div Log Center 470 MHz Span 120 kHz Total Power Ref 30.80 dBm @ 0.125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>30.18</td><td>(-0.77)</td><td>0.0</td><td>30.19</td><td>(-0.76)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-44.08</td><td>(-5.05)</td><td>-12.30 k</td><td>-44.40</td><td>(-4.65)</td><td>12.40 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>-15.15 k</td><td>-42.90</td><td>(-22.90)</td><td>15.20 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> MSG File <MASK D.state> recalled STATUS Frequency Center Freq 469.987500 MHz CF Step 12.000 kHz Auto Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	30.18	(-0.77)	0.0	30.19	(-0.76)	50.00	5.625 kHz	12.50 kHz	100.0 Hz	-44.08	(-5.05)	-12.30 k	-44.40	(-4.65)	12.40 k	12.50 kHz	60.00 kHz	100.0 Hz	-43.01	(-23.01)	-15.15 k	-42.90	(-22.90)	15.20 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)																																																										
0.0 Hz	5.625 kHz	100.0 Hz	30.18	(-0.77)	0.0	30.19	(-0.76)	50.00																																																										
5.625 kHz	12.50 kHz	100.0 Hz	-44.08	(-5.05)	-12.30 k	-44.40	(-4.65)	12.40 k																																																										
12.50 kHz	60.00 kHz	100.0 Hz	-43.01	(-23.01)	-15.15 k	-42.90	(-22.90)	15.20 k																																																										
4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
TX-DNL	4FSK	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 469.987500 MHz Center Freq: 469.987500 MHz Trig: Free Run Avg: 100.00% of 10 Radio Std: None Radio Device: BTS Ref Offset 21 dB Ref 35.0 dBm 10 dB/div Log Center 470 MHz Span 120 kHz Total Power Ref 33.54 dBm @ 0.125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>19.78</td><td>(-11.17)</td><td>-1.900 k</td><td>24.66</td><td>(-6.29)</td><td>600.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-44.05</td><td>(-3.57)</td><td>-12.50 k</td><td>-42.26</td><td>(-3.23)</td><td>12.30 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-42.21</td><td>(-22.21)</td><td>-12.50 k</td><td>-42.92</td><td>(-22.92)</td><td>13.35 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> MSG File <Temp.png> saved STATUS Frequency Center Freq 469.987500 MHz CF Step 12.000 kHz Auto Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	19.78	(-11.17)	-1.900 k	24.66	(-6.29)	600.0	5.625 kHz	12.50 kHz	100.0 Hz	-44.05	(-3.57)	-12.50 k	-42.26	(-3.23)	12.30 k	12.50 kHz	60.00 kHz	100.0 Hz	-42.21	(-22.21)	-12.50 k	-42.92	(-22.92)	13.35 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)																																																										
0.0 Hz	5.625 kHz	100.0 Hz	19.78	(-11.17)	-1.900 k	24.66	(-6.29)	600.0																																																										
5.625 kHz	12.50 kHz	100.0 Hz	-44.05	(-3.57)	-12.50 k	-42.26	(-3.23)	12.30 k																																																										
12.50 kHz	60.00 kHz	100.0 Hz	-42.21	(-22.21)	-12.50 k	-42.92	(-22.92)	13.35 k																																																										
4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										

Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																															
TX-ANH	FM	CH _L	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50 dB AC SENSE: PULSE ALIGN: AUTO 09:16:31 AM Aug 11, 2025 Center Freq 400.012500 MHz Center Freq: 400.012500 MHz Radio Std: None PASS IF Gain: Low #Atten: 40 dB Radio Device: BTS Ref Offset 21 dB Ref 38.0 dBm 10 dB/div Log  Center 400 MHz Span 120 kHz Total Power Ref 33.36 dBm @ 0.0125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>32.67</td><td>(-1.26)</td><td>0.0</td><td>32.80</td><td>(-1.14)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-38.84</td><td>(-2.79)</td><td>-12.30 k</td><td>-38.46</td><td>(-1.69)</td><td>12.40 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-38.60</td><td>(-18.60)</td><td>-13.80 k</td><td>-38.69</td><td>(-18.69)</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> MSG File <MASK D.state> recalled STATUS Frequency Center Freq 400.012500 MHz CF Step 12.000 kHz Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	32.67	(-1.26)	0.0	32.80	(-1.14)	50.00	5.625 kHz	12.50 kHz	100.0 Hz	-38.84	(-2.79)	-12.30 k	-38.46	(-1.69)	12.40 k	12.50 kHz	60.00 kHz	100.0 Hz	-38.60	(-18.60)	-13.80 k	-38.69	(-18.69)	13.90 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)																																																										
0.0 Hz	5.625 kHz	100.0 Hz	32.67	(-1.26)	0.0	32.80	(-1.14)	50.00																																																										
5.625 kHz	12.50 kHz	100.0 Hz	-38.84	(-2.79)	-12.30 k	-38.46	(-1.69)	12.40 k																																																										
12.50 kHz	60.00 kHz	100.0 Hz	-38.60	(-18.60)	-13.80 k	-38.69	(-18.69)	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	—	(—)	—	—	(—)	—																																																										
TX-ANH	FM	CH _L	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50 dB AC SENSE: PULSE ALIGN: AUTO 09:16:53 AM Aug 11, 2025 Center Freq 400.012500 MHz Center Freq: 400.012500 MHz Radio Std: None PASS IF Gain: Low #Atten: 40 dB Radio Device: BTS Ref Offset 21 dB Ref 38.0 dBm 10 dB/div Log  Center 400 MHz Span 120 kHz Total Power Ref 33.26 dBm @ 0.0125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>31.49</td><td>(-2.45)</td><td>0.0</td><td>31.50</td><td>(-2.43)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-39.03</td><td>(-1.53)</td><td>-12.50 k</td><td>-37.82</td><td>(-0.32)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-36.67</td><td>(-16.67)</td><td>-13.90 k</td><td>-36.17</td><td>(-16.17)</td><td>14.85 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></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> MSG File <Temp.png> saved STATUS Frequency Center Freq 400.012500 MHz CF Step 12.000 kHz Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	31.49	(-2.45)	0.0	31.50	(-2.43)	50.00	5.625 kHz	12.50 kHz	100.0 Hz	-39.03	(-1.53)	-12.50 k	-37.82	(-0.32)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-36.67	(-16.67)	-13.90 k	-36.17	(-16.17)	14.85 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)																																																										
0.0 Hz	5.625 kHz	100.0 Hz	31.49	(-2.45)	0.0	31.50	(-2.43)	50.00																																																										
5.625 kHz	12.50 kHz	100.0 Hz	-39.03	(-1.53)	-12.50 k	-37.82	(-0.32)	12.50 k																																																										
12.50 kHz	60.00 kHz	100.0 Hz	-36.67	(-16.67)	-13.90 k	-36.17	(-16.17)	14.85 k																																																										
4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
TX-ANH	FM	CH _M	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50 dB AC SENSE: PULSE ALIGN: AUTO 10:31:58 AM Aug 11, 2025 Center Freq 435.000000 MHz Center Freq: 435.000000 MHz Radio Std: None PASS IF Gain: Low #Atten: 40 dB Radio Device: BTS Ref Offset 21 dB Ref 37.0 dBm 10 dB/div Log  Center 435 MHz Span 120 kHz Total Power Ref 32.57 dBm @ 0.0125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>31.97</td><td>(-1.22)</td><td>0.0</td><td>31.98</td><td>(-1.21)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-44.26</td><td>(-7.11)</td><td>-12.35 k</td><td>-44.37</td><td>(-6.85)</td><td>12.40 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-42.88</td><td>(-22.88)</td><td>-12.75 k</td><td>-42.85</td><td>(-22.85)</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> MSG File <MASK D.state> recalled STATUS Frequency Center Freq 435.000000 MHz CF Step 12.000 kHz Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	31.97	(-1.22)	0.0	31.98	(-1.21)	50.00	5.625 kHz	12.50 kHz	100.0 Hz	-44.26	(-7.11)	-12.35 k	-44.37	(-6.85)	12.40 k	12.50 kHz	60.00 kHz	100.0 Hz	-42.88	(-22.88)	-12.75 k	-42.85	(-22.85)	12.85 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)																																																										
0.0 Hz	5.625 kHz	100.0 Hz	31.97	(-1.22)	0.0	31.98	(-1.21)	50.00																																																										
5.625 kHz	12.50 kHz	100.0 Hz	-44.26	(-7.11)	-12.35 k	-44.37	(-6.85)	12.40 k																																																										
12.50 kHz	60.00 kHz	100.0 Hz	-42.88	(-22.88)	-12.75 k	-42.85	(-22.85)	12.85 k																																																										
4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										

Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																																																																																																																																																																					
TX-ANH	FM	CH _M	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50 Ω AC SENSE:PULSE ALIGN:AUTO 10:32:20 AM Aug 11, 2025 Center Freq 435.000000 MHz Center Freq: 435.000000 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run Avg: 100.00% of 10 #Atten: 40 dB Radio Device: BTS Ref Offset 21 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 Frequency Center Freq 435.000000 MHz CF Step 12.000 kHz Auto Man Freq Offset 0 Hz Center 435 MHz Span 120 kHz Total Power Ref 32.52 dBm @ 0.125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>30.76</td><td>(-2.43)</td><td>0.0</td><td>30.76</td><td>(-2.43)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-38.53</td><td>(-0.28)</td><td>-12.50 k</td><td>-38.99</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>-37.04</td><td>(-17.04)</td><td>-12.55 k</td><td>-35.81</td><td>(-15.81)</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> MSO: File <Temp.png> saved STATUS <tr><td>TX-ANH</td><td>FM</td><td>CH_H</td><td> Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50 Ω AC SENSE:PULSE ALIGN:AUTO 10:44:07 AM Aug 11, 2025 Center Freq 469.987500 MHz Center Freq: 469.987500 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run Avg: 100.00% of 10 #Atten: 40 dB Radio Device: BTS Ref Offset 21 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 Frequency Center Freq 469.987500 MHz CF Step 12.000 kHz Auto Man Freq Offset 0 Hz Center 470 MHz Span 120 kHz Total Power Ref 31.95 dBm @ 0.125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>31.31</td><td>(-1.36)</td><td>0.0</td><td>31.41</td><td>(-1.27)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-45.73</td><td>(-9.15)</td><td>-12.20 k</td><td>-45.96</td><td>(-8.66)</td><td>12.30 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-41.47</td><td>(-21.47)</td><td>-13.25 k</td><td>-42.15</td><td>(-22.15)</td><td>13.35 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> MSO: File <MASK D.state> recalled STATUS <tr><td>TX-ANH</td><td>FM</td><td>CH_H</td><td> Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50 Ω AC SENSE:PULSE ALIGN:AUTO 10:44:30 AM Aug 11, 2025 Center Freq 469.987500 MHz Center Freq: 469.987500 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run Avg: 100.00% of 10 #Atten: 40 dB Radio Device: BTS Ref Offset 21 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 Frequency Center Freq 469.987500 MHz CF Step 12.000 kHz Auto Man Freq Offset 0 Hz Center 470 MHz Span 120 kHz Total Power Ref 27.80 dBm @ 0.125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>26.07</td><td>(-6.61)</td><td>0.0</td><td>26.07</td><td>(-6.61)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-42.40</td><td>(-3.64)</td><td>-12.50 k</td><td>-40.02</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>-44.24</td><td>(-24.24)</td><td>-20.10 k</td><td>-39.77</td><td>(-19.77)</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> MSO: File <Temp.png> saved STATUS </td></tr></td></tr>	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	30.76	(-2.43)	0.0	30.76	(-2.43)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-38.53	(-0.28)	-12.50 k	-38.99	(-0.74)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-37.04	(-17.04)	-12.55 k	-35.81	(-15.81)	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-ANH	FM	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50 Ω AC SENSE:PULSE ALIGN:AUTO 10:44:07 AM Aug 11, 2025 Center Freq 469.987500 MHz Center Freq: 469.987500 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run Avg: 100.00% of 10 #Atten: 40 dB Radio Device: BTS Ref Offset 21 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 Frequency Center Freq 469.987500 MHz CF Step 12.000 kHz Auto Man Freq Offset 0 Hz Center 470 MHz Span 120 kHz Total Power Ref 31.95 dBm @ 0.125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>31.31</td><td>(-1.36)</td><td>0.0</td><td>31.41</td><td>(-1.27)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-45.73</td><td>(-9.15)</td><td>-12.20 k</td><td>-45.96</td><td>(-8.66)</td><td>12.30 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-41.47</td><td>(-21.47)</td><td>-13.25 k</td><td>-42.15</td><td>(-22.15)</td><td>13.35 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> MSO: File <MASK D.state> recalled STATUS <tr><td>TX-ANH</td><td>FM</td><td>CH_H</td><td> Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50 Ω AC SENSE:PULSE ALIGN:AUTO 10:44:30 AM Aug 11, 2025 Center Freq 469.987500 MHz Center Freq: 469.987500 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run Avg: 100.00% of 10 #Atten: 40 dB Radio Device: BTS Ref Offset 21 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 Frequency Center Freq 469.987500 MHz CF Step 12.000 kHz Auto Man Freq Offset 0 Hz Center 470 MHz Span 120 kHz Total Power Ref 27.80 dBm @ 0.125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>26.07</td><td>(-6.61)</td><td>0.0</td><td>26.07</td><td>(-6.61)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-42.40</td><td>(-3.64)</td><td>-12.50 k</td><td>-40.02</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>-44.24</td><td>(-24.24)</td><td>-20.10 k</td><td>-39.77</td><td>(-19.77)</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> MSO: File <Temp.png> saved STATUS </td></tr>	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	31.31	(-1.36)	0.0	31.41	(-1.27)	50.00	5.625 kHz	12.50 kHz	100.0 Hz	-45.73	(-9.15)	-12.20 k	-45.96	(-8.66)	12.30 k	12.50 kHz	60.00 kHz	100.0 Hz	-41.47	(-21.47)	-13.25 k	-42.15	(-22.15)	13.35 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—	TX-ANH	FM	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50 Ω AC SENSE:PULSE ALIGN:AUTO 10:44:30 AM Aug 11, 2025 Center Freq 469.987500 MHz Center Freq: 469.987500 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run Avg: 100.00% of 10 #Atten: 40 dB Radio Device: BTS Ref Offset 21 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 Frequency Center Freq 469.987500 MHz CF Step 12.000 kHz Auto Man Freq Offset 0 Hz Center 470 MHz Span 120 kHz Total Power Ref 27.80 dBm @ 0.125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>26.07</td><td>(-6.61)</td><td>0.0</td><td>26.07</td><td>(-6.61)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-42.40</td><td>(-3.64)</td><td>-12.50 k</td><td>-40.02</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>-44.24</td><td>(-24.24)</td><td>-20.10 k</td><td>-39.77</td><td>(-19.77)</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> MSO: File <Temp.png> saved STATUS	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	26.07	(-6.61)	0.0	26.07	(-6.61)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-42.40	(-3.64)	-12.50 k	-40.02	(-1.26)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-44.24	(-24.24)	-20.10 k	-39.77	(-19.77)	12.50 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)																																																																																																																																																																																																
0.0 Hz	5.625 kHz	100.0 Hz	30.76	(-2.43)	0.0	30.76	(-2.43)	0.0																																																																																																																																																																																																
5.625 kHz	12.50 kHz	100.0 Hz	-38.53	(-0.28)	-12.50 k	-38.99	(-0.74)	12.50 k																																																																																																																																																																																																
12.50 kHz	60.00 kHz	100.0 Hz	-37.04	(-17.04)	-12.55 k	-35.81	(-15.81)	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-ANH	FM	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50 Ω AC SENSE:PULSE ALIGN:AUTO 10:44:07 AM Aug 11, 2025 Center Freq 469.987500 MHz Center Freq: 469.987500 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run Avg: 100.00% of 10 #Atten: 40 dB Radio Device: BTS Ref Offset 21 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 Frequency Center Freq 469.987500 MHz CF Step 12.000 kHz Auto Man Freq Offset 0 Hz Center 470 MHz Span 120 kHz Total Power Ref 31.95 dBm @ 0.125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>31.31</td><td>(-1.36)</td><td>0.0</td><td>31.41</td><td>(-1.27)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-45.73</td><td>(-9.15)</td><td>-12.20 k</td><td>-45.96</td><td>(-8.66)</td><td>12.30 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-41.47</td><td>(-21.47)</td><td>-13.25 k</td><td>-42.15</td><td>(-22.15)</td><td>13.35 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> MSO: File <MASK D.state> recalled STATUS <tr><td>TX-ANH</td><td>FM</td><td>CH_H</td><td> Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50 Ω AC SENSE:PULSE ALIGN:AUTO 10:44:30 AM Aug 11, 2025 Center Freq 469.987500 MHz Center Freq: 469.987500 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run Avg: 100.00% of 10 #Atten: 40 dB Radio Device: BTS Ref Offset 21 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 Frequency Center Freq 469.987500 MHz CF Step 12.000 kHz Auto Man Freq Offset 0 Hz Center 470 MHz Span 120 kHz Total Power Ref 27.80 dBm @ 0.125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>26.07</td><td>(-6.61)</td><td>0.0</td><td>26.07</td><td>(-6.61)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-42.40</td><td>(-3.64)</td><td>-12.50 k</td><td>-40.02</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>-44.24</td><td>(-24.24)</td><td>-20.10 k</td><td>-39.77</td><td>(-19.77)</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> MSO: File <Temp.png> saved STATUS </td></tr>	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	31.31	(-1.36)	0.0	31.41	(-1.27)	50.00	5.625 kHz	12.50 kHz	100.0 Hz	-45.73	(-9.15)	-12.20 k	-45.96	(-8.66)	12.30 k	12.50 kHz	60.00 kHz	100.0 Hz	-41.47	(-21.47)	-13.25 k	-42.15	(-22.15)	13.35 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—	TX-ANH	FM	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50 Ω AC SENSE:PULSE ALIGN:AUTO 10:44:30 AM Aug 11, 2025 Center Freq 469.987500 MHz Center Freq: 469.987500 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run Avg: 100.00% of 10 #Atten: 40 dB Radio Device: BTS Ref Offset 21 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 Frequency Center Freq 469.987500 MHz CF Step 12.000 kHz Auto Man Freq Offset 0 Hz Center 470 MHz Span 120 kHz Total Power Ref 27.80 dBm @ 0.125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>26.07</td><td>(-6.61)</td><td>0.0</td><td>26.07</td><td>(-6.61)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-42.40</td><td>(-3.64)</td><td>-12.50 k</td><td>-40.02</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>-44.24</td><td>(-24.24)</td><td>-20.10 k</td><td>-39.77</td><td>(-19.77)</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> MSO: File <Temp.png> saved STATUS	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	26.07	(-6.61)	0.0	26.07	(-6.61)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-42.40	(-3.64)	-12.50 k	-40.02	(-1.26)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-44.24	(-24.24)	-20.10 k	-39.77	(-19.77)	12.50 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																																			
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)																																																																																																																																																																																																
0.0 Hz	5.625 kHz	100.0 Hz	31.31	(-1.36)	0.0	31.41	(-1.27)	50.00																																																																																																																																																																																																
5.625 kHz	12.50 kHz	100.0 Hz	-45.73	(-9.15)	-12.20 k	-45.96	(-8.66)	12.30 k																																																																																																																																																																																																
12.50 kHz	60.00 kHz	100.0 Hz	-41.47	(-21.47)	-13.25 k	-42.15	(-22.15)	13.35 k																																																																																																																																																																																																
4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																																																																																																																																																																
8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																																																																																																																																																																
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																																																																																																																																																																
TX-ANH	FM	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50 Ω AC SENSE:PULSE ALIGN:AUTO 10:44:30 AM Aug 11, 2025 Center Freq 469.987500 MHz Center Freq: 469.987500 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run Avg: 100.00% of 10 #Atten: 40 dB Radio Device: BTS Ref Offset 21 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 Frequency Center Freq 469.987500 MHz CF Step 12.000 kHz Auto Man Freq Offset 0 Hz Center 470 MHz Span 120 kHz Total Power Ref 27.80 dBm @ 0.125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>26.07</td><td>(-6.61)</td><td>0.0</td><td>26.07</td><td>(-6.61)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-42.40</td><td>(-3.64)</td><td>-12.50 k</td><td>-40.02</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>-44.24</td><td>(-24.24)</td><td>-20.10 k</td><td>-39.77</td><td>(-19.77)</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> MSO: File <Temp.png> saved STATUS	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	26.07	(-6.61)	0.0	26.07	(-6.61)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-42.40	(-3.64)	-12.50 k	-40.02	(-1.26)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-44.24	(-24.24)	-20.10 k	-39.77	(-19.77)	12.50 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																																																																																																						
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)																																																																																																																																																																																																
0.0 Hz	5.625 kHz	100.0 Hz	26.07	(-6.61)	0.0	26.07	(-6.61)	0.0																																																																																																																																																																																																
5.625 kHz	12.50 kHz	100.0 Hz	-42.40	(-3.64)	-12.50 k	-40.02	(-1.26)	12.50 k																																																																																																																																																																																																
12.50 kHz	60.00 kHz	100.0 Hz	-44.24	(-24.24)	-20.10 k	-39.77	(-19.77)	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	—	(—)	—	—	(—)	—																																																																																																																																																																																																

Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																															
TX-ANL	FM	CH _L	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50 dB AC SENSE:PULSE ALIGN:AUTO 09:18:26 AM Aug 11, 2025 Center Freq 400.012500 MHz Center Freq: 400.012500 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run #Atten: 40 dB Radio Device: BTS Ref Offset 21 dB Ref 36.0 dBm 10 dB/div Log 26.0 16.0 6.00 4.00 14.0 24.0 34.0 44.0 54.0 Mask Spectrum Center 400 MHz Span 120 kHz Total Power Ref 31.00 dBm @ 0.125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>30.36</td><td>(-1.23)</td><td>0.0</td><td>30.45</td><td>(-1.14)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-45.68</td><td>(-6.55)</td><td>-12.40 k</td><td>-45.52</td><td>(-5.67)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-42.11</td><td>(-22.11)</td><td>-15.65 k</td><td>-42.15</td><td>(-22.15)</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> MSO: File <MASK.D.state> recalled STATUS Frequency Center Freq 400.012500 MHz CF Step 12.000 kHz Auto Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	30.36	(-1.23)	0.0	30.45	(-1.14)	50.00	5.625 kHz	12.50 kHz	100.0 Hz	-45.68	(-6.55)	-12.40 k	-45.52	(-5.67)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-42.11	(-22.11)	-15.65 k	-42.15	(-22.15)	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	—	(—)	—	—	(—)	—
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)																																																										
0.0 Hz	5.625 kHz	100.0 Hz	30.36	(-1.23)	0.0	30.45	(-1.14)	50.00																																																										
5.625 kHz	12.50 kHz	100.0 Hz	-45.68	(-6.55)	-12.40 k	-45.52	(-5.67)	12.50 k																																																										
12.50 kHz	60.00 kHz	100.0 Hz	-42.11	(-22.11)	-15.65 k	-42.15	(-22.15)	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	—	(—)	—	—	(—)	—																																																										
TX-ANL	FM	CH _L	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50 dB AC SENSE:PULSE ALIGN:AUTO 09:18:47 AM Aug 11, 2025 Center Freq 400.012500 MHz Center Freq: 400.012500 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run Avg: 100.00% of 10 #Atten: 40 dB Radio Device: BTS Ref Offset 21 dB Ref 36.0 dBm 10 dB/div Log 26.0 16.0 6.00 4.00 14.0 24.0 34.0 44.0 54.0 Mask Spectrum Center 400 MHz Span 120 kHz Total Power Ref 30.92 dBm @ 0.125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>29.19</td><td>(-2.39)</td><td>0.0</td><td>29.19</td><td>(-2.39)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-39.25</td><td>(-3.40)</td><td>-11.95 k</td><td>-41.17</td><td>(-1.68)</td><td>12.45 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-41.31</td><td>(-21.31)</td><td>-12.85 k</td><td>-40.77</td><td>(-20.77)</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> MSO: File <Temp.png> saved STATUS Frequency Center Freq 400.012500 MHz CF Step 12.000 kHz Auto Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	29.19	(-2.39)	0.0	29.19	(-2.39)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-39.25	(-3.40)	-11.95 k	-41.17	(-1.68)	12.45 k	12.50 kHz	60.00 kHz	100.0 Hz	-41.31	(-21.31)	-12.85 k	-40.77	(-20.77)	12.90 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)																																																										
0.0 Hz	5.625 kHz	100.0 Hz	29.19	(-2.39)	0.0	29.19	(-2.39)	0.0																																																										
5.625 kHz	12.50 kHz	100.0 Hz	-39.25	(-3.40)	-11.95 k	-41.17	(-1.68)	12.45 k																																																										
12.50 kHz	60.00 kHz	100.0 Hz	-41.31	(-21.31)	-12.85 k	-40.77	(-20.77)	12.90 k																																																										
4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
TX-ANL	FM	CH _M	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50 dB AC SENSE:PULSE ALIGN:AUTO 10:30:11 AM Aug 11, 2025 Center Freq 435.000000 MHz Center Freq: 435.000000 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run #Atten: 40 dB Radio Device: BTS Ref Offset 21 dB Ref 35.0 dBm 10 dB/div Log 25.0 15.0 5.00 4.00 15.0 25.0 35.0 45.0 55.0 Mask Spectrum Center 435 MHz Span 120 kHz Total Power Ref 30.16 dBm @ 0.125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>29.56</td><td>(-1.29)</td><td>0.0</td><td>29.57</td><td>(-1.28)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-46.44</td><td>(-7.30)</td><td>-12.30 k</td><td>-49.50</td><td>(-9.27)</td><td>12.45 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-45.26</td><td>(-25.26)</td><td>-17.45 k</td><td>-45.43</td><td>(-25.43)</td><td>17.50 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> MSO: File <MASK.D.state> recalled STATUS Frequency Center Freq 435.000000 MHz CF Step 12.000 kHz Auto Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	29.56	(-1.29)	0.0	29.57	(-1.28)	50.00	5.625 kHz	12.50 kHz	100.0 Hz	-46.44	(-7.30)	-12.30 k	-49.50	(-9.27)	12.45 k	12.50 kHz	60.00 kHz	100.0 Hz	-45.26	(-25.26)	-17.45 k	-45.43	(-25.43)	17.50 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)																																																										
0.0 Hz	5.625 kHz	100.0 Hz	29.56	(-1.29)	0.0	29.57	(-1.28)	50.00																																																										
5.625 kHz	12.50 kHz	100.0 Hz	-46.44	(-7.30)	-12.30 k	-49.50	(-9.27)	12.45 k																																																										
12.50 kHz	60.00 kHz	100.0 Hz	-45.26	(-25.26)	-17.45 k	-45.43	(-25.43)	17.50 k																																																										
4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										

Appendix C:Emission Mask

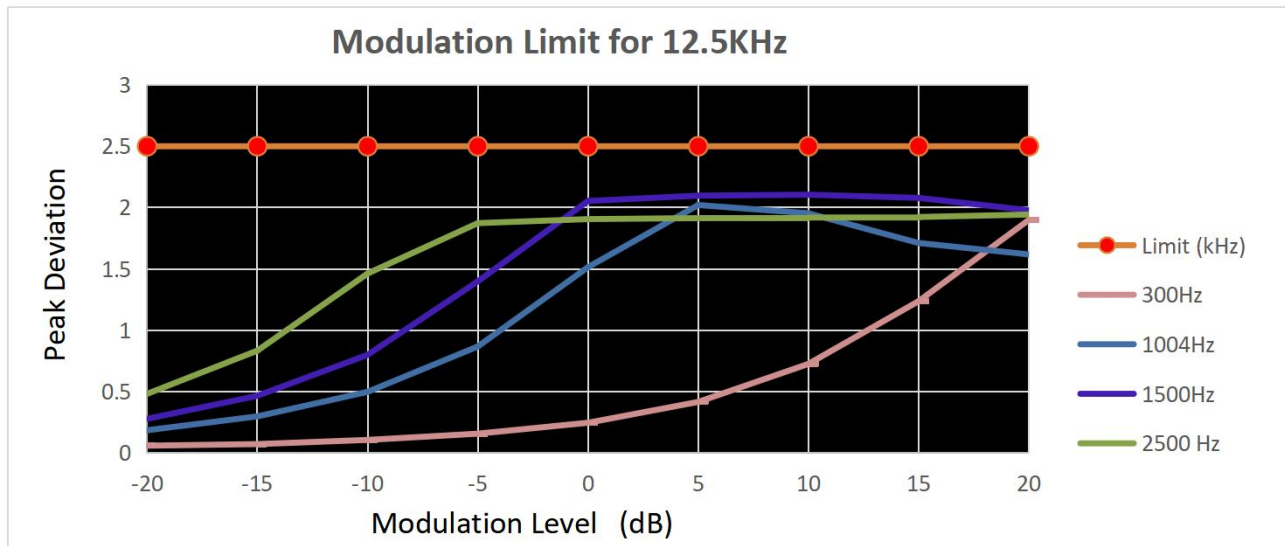
Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-ANL	FM	CH _M	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50 Ω AC SENSE: PULSE ALIGN: AUTO 10:33:39 AM Aug 11, 2025 Center Freq 435.000000 MHz Center Freq: 435.000000 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run Avg: 100.00% of 10 Radio Device: BTS Ref Offset 21 dB Ref 35.0 dBm 10 dB/div Log 25.0 15.0 5.00 25.0 15.0

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 _M	-20	0.058	0.184	0.277	0.481	2.5	PASS
TX-ANH	FM	CH _M	-15	0.071	0.297	0.465	0.833	2.5	PASS
TX-ANH	FM	CH _M	-10	0.105	0.497	0.799	1.462	2.5	PASS
TX-ANH	FM	CH _M	-5	0.156	0.867	1.398	1.873	2.5	PASS
TX-ANH	FM	CH _M	0	0.245	1.514	2.054	1.906	2.5	PASS
TX-ANH	FM	CH _M	5	0.415	2.021	2.097	1.914	2.5	PASS
TX-ANH	FM	CH _M	10	0.725	1.953	2.105	1.919	2.5	PASS
TX-ANH	FM	CH _M	15	1.237	1.711	2.079	1.923	2.5	PASS
TX-ANH	FM	CH _M	20	1.900	1.618	1.978	1.943	2.5	PASS

Appendix D:Modulation Limit

TEST PLOT RESULT

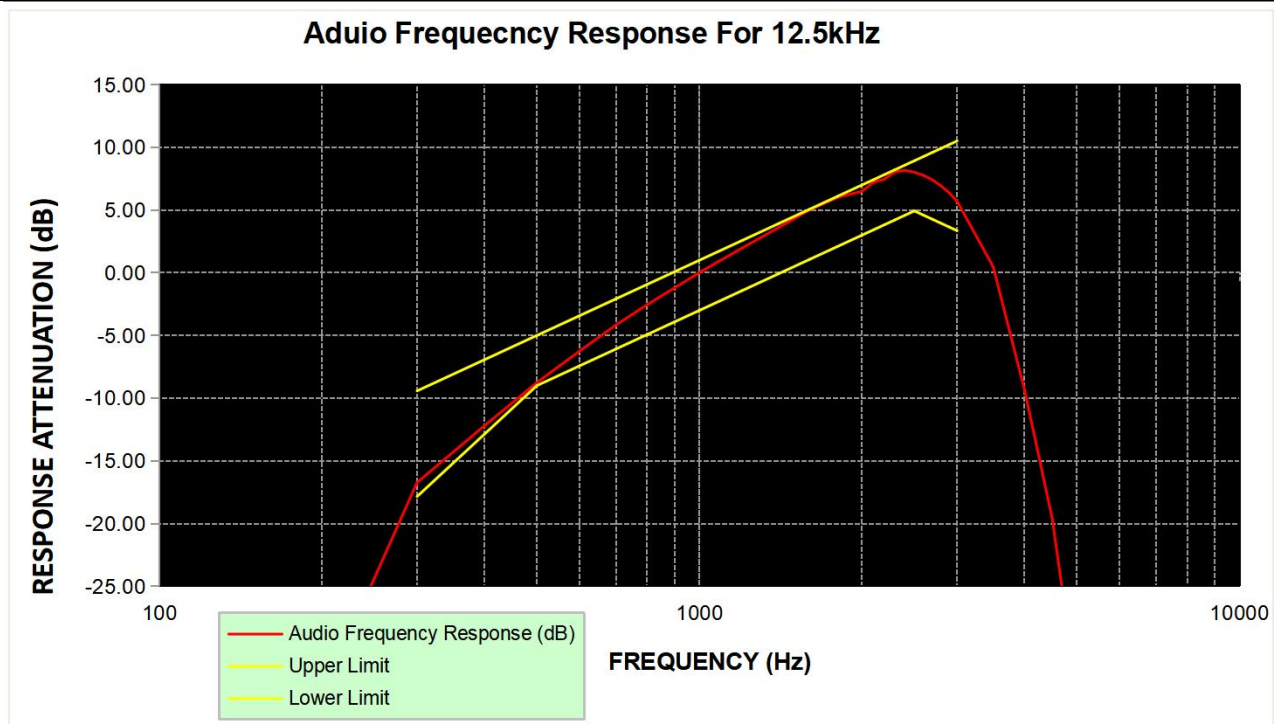


Appendix E:Audio Frequency Response

Operation Mode	Modulation Type	Test Channel	Frequency (Hz)	Audio Frequency Response (dB)	Lower Limit	Upper Limit	Result
TX-ANH	FM	CH _M	100	-33.73			PASS
TX-ANH	FM	CH _M	200	-33.74			PASS
TX-ANH	FM	CH _M	300	-16.73	-17.84	-9.42	PASS
TX-ANH	FM	CH _M	400	-12.19	-12.86	-6.93	PASS
TX-ANH	FM	CH _M	500	-8.76	-9.00	-5.00	PASS
TX-ANH	FM	CH _M	600	-6.25	-7.42	-3.42	PASS
TX-ANH	FM	CH _M	700	-4.18	-6.09	-2.09	PASS
TX-ANH	FM	CH _M	800	-2.55	-4.93	-0.93	PASS
TX-ANH	FM	CH _M	900	-1.20	-3.91	0.09	PASS
TX-ANH	FM	CH _M	1000	0.02	-3.00	1.00	PASS
TX-ANH	FM	CH _M	1200	1.97	-1.42	2.58	PASS
TX-ANH	FM	CH _M	1400	3.59	-0.09	3.91	PASS
TX-ANH	FM	CH _M	1600	5.02	1.07	5.07	PASS
TX-ANH	FM	CH _M	1800	6.00	2.09	6.09	PASS
TX-ANH	FM	CH _M	2000	6.50	3.00	7.00	PASS
TX-ANH	FM	CH _M	2100	7.21	3.42	7.42	PASS
TX-ANH	FM	CH _M	2200	7.45	3.83	7.83	PASS
TX-ANH	FM	CH _M	2300	8.04	4.21	8.21	PASS
TX-ANH	FM	CH _M	2400	8.17	4.58	8.58	PASS
TX-ANH	FM	CH _M	2500	8.02	4.93	8.93	PASS
TX-ANH	FM	CH _M	2600	7.76	4.59	9.27	PASS
TX-ANH	FM	CH _M	2700	7.41	4.27	9.60	PASS
TX-ANH	FM	CH _M	2800	6.94	3.95	9.91	PASS
TX-ANH	FM	CH _M	2900	6.37	3.65	10.22	PASS
TX-ANH	FM	CH _M	3000	5.70	3.35	10.51	PASS
TX-ANH	FM	CH _M	3500	0.46			PASS
TX-ANH	FM	CH _M	4000	-9.36			PASS
TX-ANH	FM	CH _M	4500	-19.60			PASS
TX-ANH	FM	CH _M	5000	-33.61			PASS

Appendix E:Audio Frequency Response

TEST PLOT RESULT



Appendix F:Frequency Stability Test & Temperature

Operation Mode	Modulation Type	Test Conditions		Frequency error (ppm)			Limit (ppm)	Result
		Voltage	Temperature	CH _L	CH _M	CH _H		
TX-DNH	4FSK	V _N	-30	-0.033	-0.028	-0.036	±2.5	PASS
TX-DNH	4FSK	V _N	-20	-0.032	-0.029	-0.038	±2.5	PASS
TX-DNH	4FSK	V _N	-10	-0.034	-0.028	-0.038	±2.5	PASS
TX-DNH	4FSK	V _N	0	-0.034	-0.027	-0.035	±2.5	PASS
TX-DNH	4FSK	V _N	10	-0.034	-0.028	-0.035	±2.5	PASS
TX-DNH	4FSK	V _N	20	-0.031	-0.027	-0.035	±2.5	PASS
TX-DNH	4FSK	V _N	30	-0.031	-0.028	-0.037	±2.5	PASS
TX-DNH	4FSK	V _N	40	-0.033	-0.027	-0.038	±2.5	PASS
TX-DNH	4FSK	V _N	50	-0.032	-0.028	-0.037	±2.5	PASS
TX-DNL	4FSK	V _N	-30	-0.035	-0.032	-0.035	±2.5	PASS
TX-DNL	4FSK	V _N	-20	-0.036	-0.033	-0.036	±2.5	PASS
TX-DNL	4FSK	V _N	-10	-0.035	-0.033	-0.037	±2.5	PASS
TX-DNL	4FSK	V _N	0	-0.034	-0.032	-0.036	±2.5	PASS
TX-DNL	4FSK	V _N	10	-0.033	-0.035	-0.038	±2.5	PASS
TX-DNL	4FSK	V _N	20	-0.033	-0.032	-0.035	±2.5	PASS
TX-DNL	4FSK	V _N	30	-0.035	-0.033	-0.038	±2.5	PASS
TX-DNL	4FSK	V _N	40	-0.035	-0.033	-0.037	±2.5	PASS
TX-DNL	4FSK	V _N	50	-0.035	-0.034	-0.035	±2.5	PASS
TX-ANH	FM	V _N	-30	0.140	0.134	0.145	±2.5	PASS
TX-ANH	FM	V _N	-20	0.134	0.137	0.142	±2.5	PASS
TX-ANH	FM	V _N	-10	0.138	0.128	0.136	±2.5	PASS
TX-ANH	FM	V _N	0	0.140	0.134	0.141	±2.5	PASS
TX-ANH	FM	V _N	10	0.139	0.127	0.134	±2.5	PASS
TX-ANH	FM	V _N	20	0.131	0.126	0.133	±2.5	PASS
TX-ANH	FM	V _N	30	0.142	0.138	0.134	±2.5	PASS
TX-ANH	FM	V _N	40	0.132	0.127	0.133	±2.5	PASS
TX-ANH	FM	V _N	50	0.136	0.130	0.137	±2.5	PASS
TX-ANL	FM	V _N	-30	0.136	0.134	0.135	±2.5	PASS
TX-ANL	FM	V _N	-20	0.136	0.142	0.138	±2.5	PASS
TX-ANL	FM	V _N	-10	0.135	0.133	0.135	±2.5	PASS
TX-ANL	FM	V _N	0	0.134	0.136	0.139	±2.5	PASS
TX-ANL	FM	V _N	10	0.141	0.139	0.140	±2.5	PASS
TX-ANL	FM	V _N	20	0.129	0.130	0.134	±2.5	PASS
TX-ANL	FM	V _N	30	0.133	0.142	0.142	±2.5	PASS
TX-ANL	FM	V _N	40	0.138	0.134	0.141	±2.5	PASS
TX-ANL	FM	V _N	50	0.140	0.133	0.139	±2.5	PASS

Appendix G:Frequency Stability Test & Voltage

Operation Mode	Modulation Type	Test Conditions		Frequency error (ppm)			Limit (ppm)	Result
		Voltage	Temperature	CH _L	CH _M	CH _H		
TX-DNH	4FSK	V _N	T _N	-0.031	-0.027	-0.035	±2.50	PASS
TX-DNH	4FSK	V _L	T _N	-0.031	-0.027	-0.035	±2.50	PASS
TX-DNH	4FSK	V _H	T _N	-0.032	-0.028	-0.037	±2.50	PASS
TX-DNL	4FSK	V _N	T _N	-0.033	-0.032	-0.035	±2.50	PASS
TX-DNL	4FSK	V _L	T _N	-0.034	-0.032	-0.036	±2.50	PASS
TX-DNL	4FSK	V _H	T _N	-0.035	-0.033	-0.036	±2.50	PASS
TX-ANH	FM	V _N	T _N	0.131	0.126	0.133	±2.50	PASS
TX-ANH	FM	V _L	T _N	0.132	0.127	0.134	±2.50	PASS
TX-ANH	FM	V _H	T _N	0.133	0.129	0.138	±2.50	PASS
TX-ANL	FM	V _N	T _N	0.129	0.130	0.134	±2.50	PASS
TX-ANL	FM	V _L	T _N	0.131	0.131	0.136	±2.50	PASS
TX-ANL	FM	V _H	T _N	0.133	0.137	0.137	±2.50	PASS

Appendix H:Transmitter Frequency Behavior

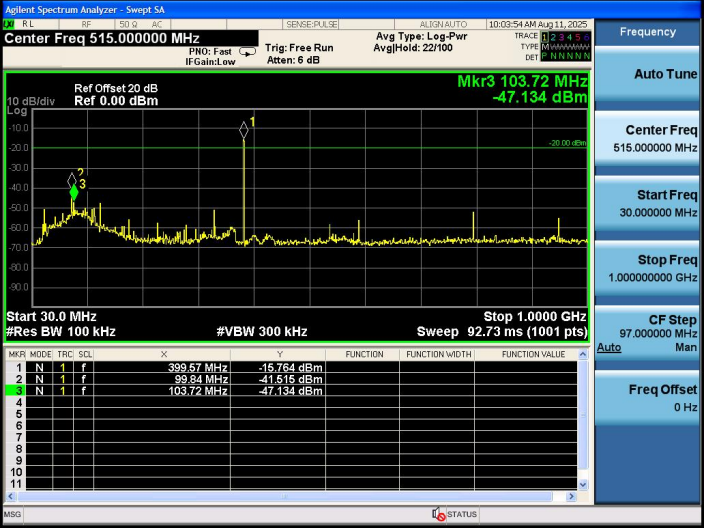
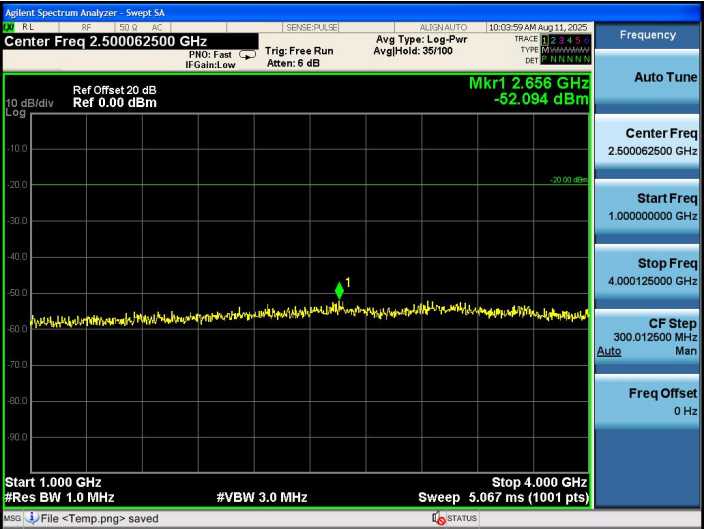
Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																
TX-DNH	4FSK	CH _M	MultiViewSpectrumAnalog Demod Ref Level 50.00 dBm Offset 20.50 dB Att 39 dB AQT 100 ms DBW 25 kHz Freq 435.0 MHz TRG:IFX(17MHz) YIG Bypass 1 FM Time Domain CF 435.0 MHz 1001 pts 10.0 ms/ 4 Result Summary <table><tr><td colspan="2">Carrier Power 25.30 dBm</td><td colspan="2">Carrier Offset 49.53 Hz</td></tr><tr><td>FM</td><td>+Peak 14.579 kHz</td><td>-Peak -16.011 kHz</td><td>+Peak/2 15.295 kHz</td></tr><tr><td></td><td>RMS 8.6869 kHz</td><td>Mod. Freq. 1.0004 kHz</td><td>SINAD ---</td></tr><tr><td></td><td colspan="2">THD ---</td><td></td></tr></table> Analog Demod: Waiting for Trigger... Measuring... 11.08.2025 15:30:34 Date: 11 AUG 2025 15:30:34 OFF~ON	Carrier Power 25.30 dBm		Carrier Offset 49.53 Hz		FM	+Peak 14.579 kHz	-Peak -16.011 kHz	+Peak/2 15.295 kHz		RMS 8.6869 kHz	Mod. Freq. 1.0004 kHz	SINAD ---		THD ---		
Carrier Power 25.30 dBm		Carrier Offset 49.53 Hz																	
FM	+Peak 14.579 kHz	-Peak -16.011 kHz	+Peak/2 15.295 kHz																
	RMS 8.6869 kHz	Mod. Freq. 1.0004 kHz	SINAD ---																
	THD ---																		
TX-DNH	4FSK	CH _M	MultiViewSpectrumAnalog Demod Ref Level 50.00 dBm Offset 20.50 dB Att 39 dB AQT 100 ms DBW 25 kHz Freq 435.0 MHz TRG:IFX(17MHz) YIG Bypass 1 FM Time Domain CF 435.0 MHz 1001 pts 10.0 ms/ 4 Result Summary <table><tr><td colspan="2">Carrier Power 25.49 dBm</td><td colspan="2">Carrier Offset 24.00 Hz</td></tr><tr><td>FM</td><td>+Peak 14.574 kHz</td><td>-Peak -14.637 kHz</td><td>+Peak/2 14.606 kHz</td></tr><tr><td></td><td>RMS 2.7117 kHz</td><td>Mod. Freq. ---</td><td>SINAD ---</td></tr><tr><td></td><td colspan="2">THD ---</td><td></td></tr></table> Analog Demod: Waiting for Trigger... Measuring... 11.08.2025 15:33:38 Date: 11 AUG 2025 15:33:38 ON-OFF	Carrier Power 25.49 dBm		Carrier Offset 24.00 Hz		FM	+Peak 14.574 kHz	-Peak -14.637 kHz	+Peak/2 14.606 kHz		RMS 2.7117 kHz	Mod. Freq. ---	SINAD ---		THD ---		
Carrier Power 25.49 dBm		Carrier Offset 24.00 Hz																	
FM	+Peak 14.574 kHz	-Peak -14.637 kHz	+Peak/2 14.606 kHz																
	RMS 2.7117 kHz	Mod. Freq. ---	SINAD ---																
	THD ---																		
TX-ANH	FM	CH _M	MultiViewSpectrumAnalog Demod Ref Level 50.00 dBm Offset 20.50 dB Att 39 dB AQT 100 ms DBW 25 kHz Freq 435.0 MHz TRG:IFX(17MHz) YIG Bypass 1 FM Time Domain CF 435.0 MHz 1001 pts 10.0 ms/ 4 Result Summary <table><tr><td colspan="2">Carrier Power 25.30 dBm</td><td colspan="2">Carrier Offset 57.27 Hz</td></tr><tr><td>FM</td><td>+Peak 14.422 kHz</td><td>-Peak -16.88 kHz</td><td>+Peak/2 15.651 kHz</td></tr><tr><td></td><td>RMS 2.7515 kHz</td><td>Mod. Freq. ---</td><td>SINAD ---</td></tr><tr><td></td><td colspan="2">THD ---</td><td></td></tr></table> Analog Demod: Waiting for Trigger... Measuring... 11.08.2025 15:29:42 Date: 11 AUG 2025 15:29:42 OFF~ON	Carrier Power 25.30 dBm		Carrier Offset 57.27 Hz		FM	+Peak 14.422 kHz	-Peak -16.88 kHz	+Peak/2 15.651 kHz		RMS 2.7515 kHz	Mod. Freq. ---	SINAD ---		THD ---		
Carrier Power 25.30 dBm		Carrier Offset 57.27 Hz																	
FM	+Peak 14.422 kHz	-Peak -16.88 kHz	+Peak/2 15.651 kHz																
	RMS 2.7515 kHz	Mod. Freq. ---	SINAD ---																
	THD ---																		

Appendix H:Transmitter Frequency Behavior

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-ANH	FM	CH _M	MultiViewSpectrumAnalog Demod Ref Level 50.00 dBm Offset 20.50 dB Att 39 dB AQT 100 ms DBW 25 kHz Freq 435.0 MHz Trig: IFBY (17MHz) 100 Bypass 1 FM Time Domain1AP ClrW DC Ref: 0.00 Hz 12.5 kHz 9.375 kHz 6.25 kHz 3.125 kHz 0 kHz -3.125 kHz -6.25 kHz -9.375 kHz -12.5 kHz CF 435.0 MHz1001 pts10.0 ms/ 4 Result Summary Carrier Power 25.51 dBm Carrier Offset 22.18 Hz FM +Peak15.993 kHz -Peak-13.598 kHz ±Peak/214.796 kHz RMS2.736 kHz Mod. Freq.--- SINAD--- THD--- Analog Demod: Waiting for Trigger...Measuring...11.68.262515:32:50 Date: 11.AUG.2025 15:32:50 ON-OFF

ON-OFF

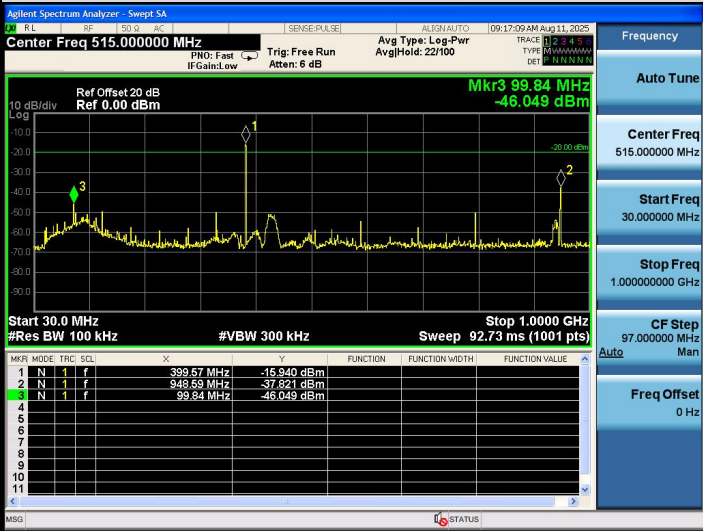
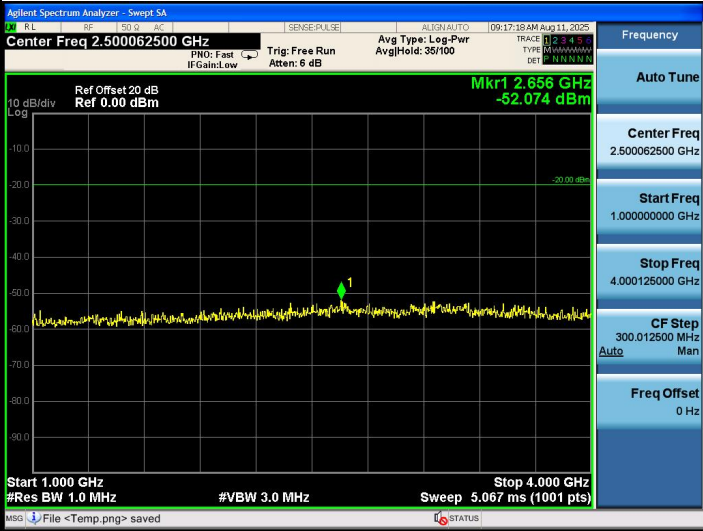
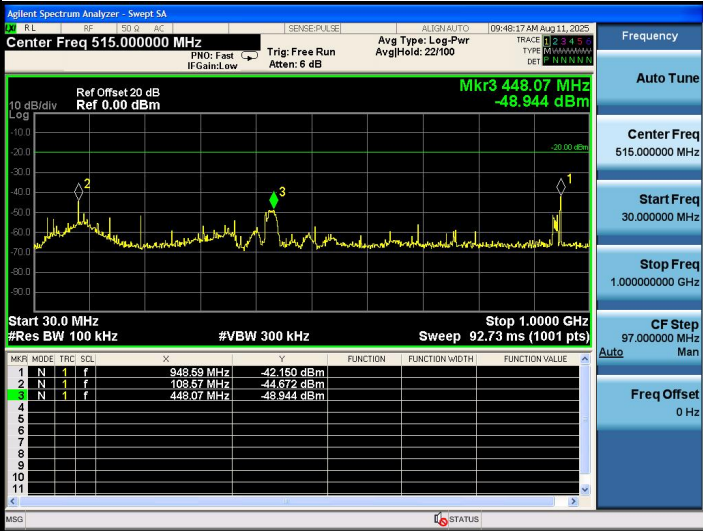
Appendix I:Spurious Emission On Antenna Port

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-DNH	4FSK	CH _L	 30MHz~1GHz
TX-DNH	4FSK	CH _L	 1GHz~10th Harmonic
TX-DNH	4FSK	CH _M	 30MHz~1GHz

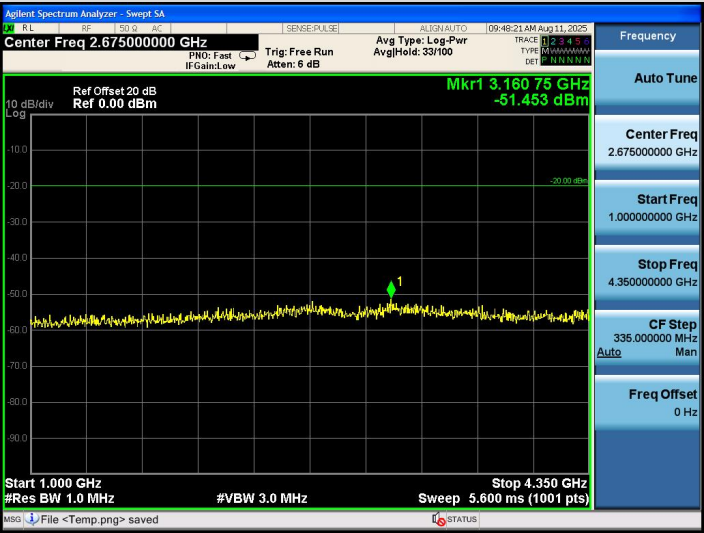
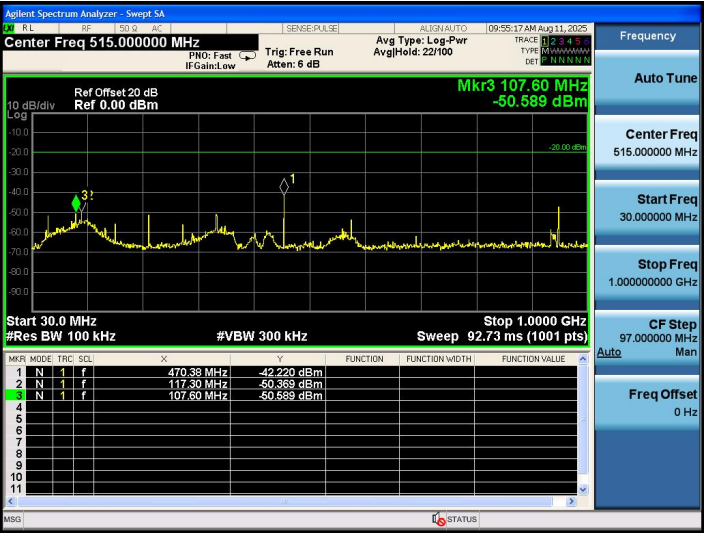
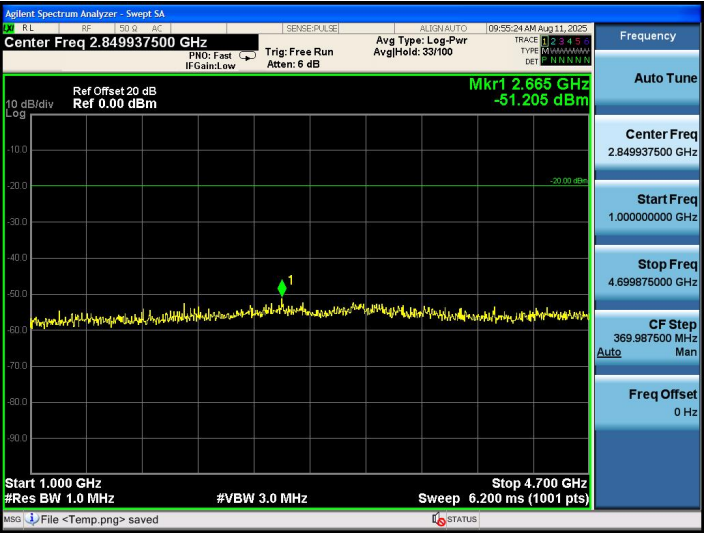
Appendix I:Spurious Emission On Antenna Port

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-DNH	4FSK	CH _M	Agilent Spectrum Analyzer - Swept SA Center Freq 2.675000000 GHz Ref Offset 20 dB Ref 0.00 dBm Mkr1 3.190 90 GHz -51.484 dBm Start 1.000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 5.600 ms (1001 pts) Stop 4.350 GHz Frequency Auto Tune Center Freq 2.675000000 GHz Start Freq 1.000000000 GHz Stop Freq 4.350000000 GHz CF Step 335.0000000 MHz Freq Offset 0 Hz 1GHz~10th Harmonic
TX-DNH	4FSK	CH _H	Agilent Spectrum Analyzer - Swept SA Center Freq 515.0000000 MHz Ref Offset 20 dB Ref 0.00 dBm Mkr3 107.60 MHz -49.283 dBm Start 30.0 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 92.73 ms (1001 pts) Stop 1.000 GHz Frequency Auto Tune Center Freq 515.0000000 MHz Start Freq 30.0000000 MHz Stop Freq 1.000000000 GHz CF Step 97.0000000 MHz Freq Offset 0 Hz 30MHz~1GHz
TX-DNH	4FSK	CH _H	Agilent Spectrum Analyzer - Swept SA Center Freq 2.849937500 GHz Ref Offset 20 dB Ref 0.00 dBm Mkr1 3.172 GHz -51.925 dBm Start 1.000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 6.200 ms (1001 pts) Stop 4.700 GHz Frequency Auto Tune Center Freq 2.849937500 GHz Start Freq 1.000000000 GHz Stop Freq 4.699875000 GHz CF Step 369.9875000 MHz Freq Offset 0 Hz 1GHz~10th Harmonic

Appendix I:Spurious Emission On Antenna Port

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-ANH	FM	CH _L	 Agilent Spectrum Analyzer - Swept SA Center Freq 515.000000 MHz Ref Offset 20 dB Ref 0.00 dBm Mkr3 99.84 MHz -46.049 dBm Start 30.0 MHz #Res BW 100 kHz Stop 1.000 GHz #VBW 300 kHz Sweep 92.73 ms (1001 pts) Frequency Auto Tune Center Freq 515.000000 MHz Start Freq 30.000000 MHz Stop Freq 1.00000000 GHz CF Step 97.000000 MHz Freq Offset 0 Hz 30MHz~1GHz
TX-ANH	FM	CH _L	 Agilent Spectrum Analyzer - Swept SA Center Freq 2.500062500 GHz Ref Offset 20 dB Ref 0.00 dBm Mkr1 2.656 GHz -52.074 dBm Start 1.000 GHz #Res BW 1.0 MHz Stop 4.000 GHz #VBW 3.0 MHz Sweep 5.067 ms (1001 pts) Frequency Auto Tune Center Freq 2.500062500 GHz Start Freq 1.000000000 GHz Stop Freq 4.00012500 GHz CF Step 300.012500 MHz Freq Offset 0 Hz 1GHz~10th Harmonic
TX-ANH	FM	CH _M	 Agilent Spectrum Analyzer - Swept SA Center Freq 515.000000 MHz Ref Offset 20 dB Ref 0.00 dBm Mkr3 448.07 MHz -48.944 dBm Start 30.0 MHz #Res BW 100 kHz Stop 1.000 GHz #VBW 300 kHz Sweep 92.73 ms (1001 pts) Frequency Auto Tune Center Freq 515.000000 MHz Start Freq 30.000000 MHz Stop Freq 1.000000000 GHz CF Step 97.000000 MHz Freq Offset 0 Hz 30MHz~1GHz

Appendix I:Spurious Emission On Antenna Port

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT	
TX-ANH	FM	CH _M	 Agilent Spectrum Analyzer - Swept SA Center Freq 2.675000000 GHz Ref Offset 20 dB Ref 0.00 dBm Mkr1 3.18075 GHz -51.453 dBm Start 1.000 GHz Stop 4.350 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 5.600 ms (1001 pts) 1GHz~10th Harmonic	Frequency Auto Tune Center Freq 2.675000000 GHz Start Freq 1.000000000 GHz Stop Freq 4.350000000 GHz CF Step 335.0000000 MHz Auto Freq Offset 0 Hz
TX-ANH	FM	CH _H	 Agilent Spectrum Analyzer - Swept SA Center Freq 515.0000000 MHz Ref Offset 20 dB Ref 0.00 dBm Mkr3 107.60 MHz -50.589 dBm Start 30.0 MHz Stop 1.000 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 92.73 ms (1001 pts) 30MHz~1GHz	Frequency Auto Tune Center Freq 515.0000000 MHz Start Freq 30.0000000 MHz Stop Freq 1.000000000 GHz CF Step 97.0000000 MHz Auto Freq Offset 0 Hz
TX-ANH	FM	CH _H	 Agilent Spectrum Analyzer - Swept SA Center Freq 2.849937500 GHz Ref Offset 20 dB Ref 0.00 dBm Mkr1 2.665 GHz -51.205 dBm Start 1.000 GHz Stop 4.700 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 6.200 ms (1001 pts) 1GHz~10th Harmonic	Frequency Auto Tune Center Freq 2.849937500 GHz Start Freq 1.000000000 GHz Stop Freq 4.699875000 GHz CF Step 369.9875000 MHz Auto Freq Offset 0 Hz