

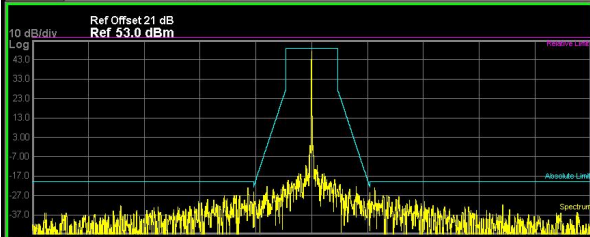
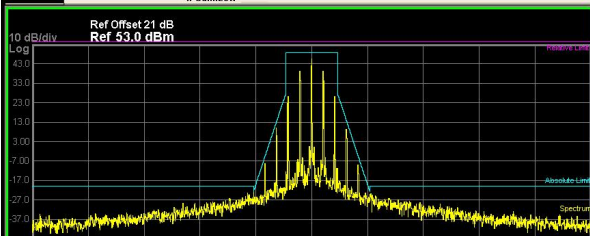
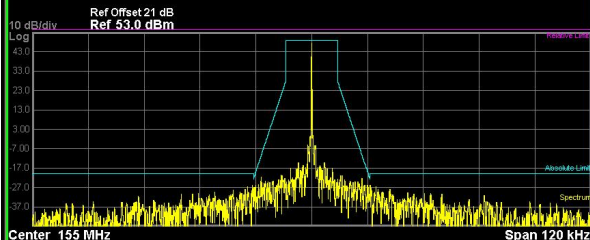
Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																															
TX-DNL	4FSK	CH _L	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 150 Q AC SENSE:PULSE ALIGN:AUTO 01:50:26 PM Jun 19, 2024 Center Freq 136.012500 MHz Center Freq: 136.012500 MHz Radio Std: None PASS IFGain:Low Trig: Free Run #Atten: 40 dB Radio Device: BTS Ref Offset 21 dB Ref 43.0 dBm 10 dB/div Log 33.0 23.0 13.0 3.00 7.00 17.0 27.0 37.0 47.0 Center 136 MHz Span 120 kHz Total Power Ref 37.99 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>37.43</td><td>(-1.45)</td><td>0.0</td><td>37.43</td><td>(-1.45)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-37.32</td><td>(-5.12)</td><td>-12.45 k</td><td>-37.45</td><td>(-4.88)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-35.35</td><td>(-15.35)</td><td>-12.70 k</td><td>-35.22</td><td>(-15.22)</td><td>12.75 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> File <MASK D.state> recalled STATUS Frequency Center Freq 136.012500 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	37.43	(-1.45)	0.0	37.43	(-1.45)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-37.32	(-5.12)	-12.45 k	-37.45	(-4.88)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-35.35	(-15.35)	-12.70 k	-35.22	(-15.22)	12.75 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
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TX-DNL	4FSK	CH _L	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 150 Q AC SENSE:PULSE ALIGN:AUTO 01:51:06 PM Jun 19, 2024 Center Freq 136.012500 MHz Center Freq: 136.012500 MHz Radio Std: None PASS IFGain:Low Trig: Free Run Avg: 100.00% of 10 #Atten: 40 dB Radio Device: BTS Ref Offset 21 dB Ref 43.0 dBm 10 dB/div Log 33.0 23.0 13.0 3.00 7.00 17.0 27.0 37.0 47.0 Center 136 MHz Span 120 kHz Total Power Ref 40.09 dBm @ 0.0125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>26.99</td><td>(-11.88)</td><td>-400.0</td><td>28.15</td><td>(-10.72)</td><td>1.000 k</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-34.22</td><td>(-3.48)</td><td>-12.25 k</td><td>-37.31</td><td>(-4.74)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-35.02</td><td>(-15.02)</td><td>-13.25 k</td><td>-34.90</td><td>(-14.90)</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> File <Temp.png> saved STATUS Frequency Center Freq 136.012500 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	26.99	(-11.88)	-400.0	28.15	(-10.72)	1.000 k	5.625 kHz	12.50 kHz	100.0 Hz	-34.22	(-3.48)	-12.25 k	-37.31	(-4.74)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-35.02	(-15.02)	-13.25 k	-34.90	(-14.90)	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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TX-DNL	4FSK	CH _M	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 150 Q AC SENSE:PULSE ALIGN:AUTO 01:56:35 PM Jun 19, 2024 Center Freq 155.000000 MHz Center Freq: 155.000000 MHz Radio Std: None PASS IFGain:Low Trig: Free Run #Atten: 40 dB Radio Device: BTS Ref Offset 21 dB Ref 43.0 dBm 10 dB/div Log 33.0 23.0 13.0 3.00 7.00 17.0 27.0 37.0 47.0 Center 155 MHz Span 120 kHz Total Power Ref 38.02 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>37.42</td><td>(-1.51)</td><td>0.0</td><td>37.43</td><td>(-1.49)</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>(-6.33)</td><td>-12.50 k</td><td>-41.09</td><td>(-9.31)</td><td>12.40 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-37.98</td><td>(-17.98)</td><td>-14.10 k</td><td>-37.78</td><td>(-17.78)</td><td>13.65 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> File <MASK D.state> recalled STATUS Frequency Center Freq 155.000000 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	37.42	(-1.51)	0.0	37.43	(-1.49)	50.00	5.625 kHz	12.50 kHz	100.0 Hz	-38.84	(-6.33)	-12.50 k	-41.09	(-9.31)	12.40 k	12.50 kHz	60.00 kHz	100.0 Hz	-37.98	(-17.98)	-14.10 k	-37.78	(-17.78)	13.65 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
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Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																																						
TX-DNL	4FSK	CH _M	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 150.0 AC SENSE: PULSE ALIGN: AUTO 01:57:15 PM Jun 19, 2024 Center Freq 155.000000 MHz Center Freq: 155.000000 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 43.0 dBm 10 dB/div Log 33.0 23.0 13.0 3.00 7.00 17.0 27.0 37.0 47.0 Center 155 MHz Span 120 kHz Total Power Ref 40.00 dBm 0.0125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak ></th><th>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>28.38</td><td>(-10.55)</td><td>-50.00</td><td>28.38</td><td>(-10.54)</td><td>1.500 k</td><td>1.500 k</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-36.72</td><td>(-4.57)</td><td>-12.45 k</td><td>-37.11</td><td>(-4.60)</td><td>12.50 k</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-35.94</td><td>(-15.94)</td><td>-13.05 k</td><td>-35.01</td><td>(-15.01)</td><td>13.55 k</td><td>13.55 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><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td><td>—</td></tr></tbody></table> MSO File <Temp.png> saved STATUS Frequency Center Freq 155.000000 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	28.38	(-10.55)	-50.00	28.38	(-10.54)	1.500 k	1.500 k	5.625 kHz	12.50 kHz	100.0 Hz	-36.72	(-4.57)	-12.45 k	-37.11	(-4.60)	12.50 k	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-35.94	(-15.94)	-13.05 k	-35.01	(-15.01)	13.55 k	13.55 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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TX-DNL	4FSK	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 173.987500 AC SENSE: PULSE ALIGN: AUTO 02:06:46 PM Jun 19, 2024 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 #Atten: 40 dB Radio Device: BTS Ref Offset 21 dB Ref 43.0 dBm 10 dB/div Log 33.0 23.0 13.0 3.00 7.00 17.0 27.0 37.0 47.0 Center 174 MHz Span 120 kHz Total Power Ref 36.68 dBm 0.0125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak ></th><th>dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>36.34</td><td>(-2.28)</td><td>0.0</td><td>36.71</td><td>(-1.91)</td><td>50.00</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-38.02</td><td>(-6.66)</td><td>-12.30 k</td><td>-38.64</td><td>(-6.58)</td><td>12.40 k</td><td>12.40 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-36.31</td><td>(-16.31)</td><td>-12.75 k</td><td>-36.26</td><td>(-16.26)</td><td>12.80 k</td><td>12.80 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><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td><td>—</td></tr></tbody></table> MSO File <MASK D.state> recalled STATUS Frequency Center Freq 173.987500 MHz CF Step 12.000 kHz Auto Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak >	dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	36.34	(-2.28)	0.0	36.71	(-1.91)	50.00	50.00	5.625 kHz	12.50 kHz	100.0 Hz	-38.02	(-6.66)	-12.30 k	-38.64	(-6.58)	12.40 k	12.40 k	12.50 kHz	60.00 kHz	100.0 Hz	-36.31	(-16.31)	-12.75 k	-36.26	(-16.26)	12.80 k	12.80 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-DNL	4FSK	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 173.987500 AC SENSE: PULSE ALIGN: AUTO 02:07:28 PM Jun 19, 2024 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 #Atten: 40 dB Radio Device: BTS Ref Offset 21 dB Ref 43.0 dBm 10 dB/div Log 33.0 23.0 13.0 3.00 7.00 17.0 27.0 37.0 47.0 Center 174 MHz Span 120 kHz Total Power Ref 39.46 dBm 0.0125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak ></th><th>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>26.18</td><td>(-12.44)</td><td>-1.050 k</td><td>30.08</td><td>(-8.54)</td><td>1.400 k</td><td>1.400 k</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-36.69</td><td>(-3.87)</td><td>-12.50 k</td><td>-35.69</td><td>(-3.24)</td><td>12.45 k</td><td>12.45 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-34.19</td><td>(-14.19)</td><td>-12.65 k</td><td>-33.18</td><td>(-13.18)</td><td>12.55 k</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><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td><td>—</td></tr></tbody></table> MSO File <Temp.png> saved STATUS Frequency Center Freq 173.987500 MHz CF Step 12.000 kHz Auto Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak >	dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	26.18	(-12.44)	-1.050 k	30.08	(-8.54)	1.400 k	1.400 k	5.625 kHz	12.50 kHz	100.0 Hz	-36.69	(-3.87)	-12.50 k	-35.69	(-3.24)	12.45 k	12.45 k	12.50 kHz	60.00 kHz	100.0 Hz	-34.19	(-14.19)	-12.65 k	-33.18	(-13.18)	12.55 k	12.55 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—	—
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak >	dBm	Upper ΔLim(dB)	Freq (Hz)																																																																
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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 150 Q AC SENSE:PULSE ALIGN:AUTO 01:11:12 PM Jun 19, 2024 Center Freq 136.012500 MHz Center Freq: 136.012500 MHz Radio Std: None PASS IF Gain: Low #Atten: 40 dB Radio Device: BTS Ref Offset 21 dB Ref 53.0 dBm  Center 136 MHz Span 120 kHz Total Power Ref 47.63 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 > dEm</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>47.37</td><td>(-1.38)</td><td>0.0</td><td>47.37</td><td>(-1.38)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-25.17</td><td>(-2.49)</td><td>-12.50 k</td><td>-25.43</td><td>(-2.75)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-22.95</td><td>(-2.95)</td><td>-13.60 k</td><td>-22.98</td><td>(-2.98)</td><td>13.65 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> File <MASK D.state> recalled STATUS Frequency Center Freq 136.012500 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 > dEm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	47.37	(-1.38)	0.0	47.37	(-1.38)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-25.17	(-2.49)	-12.50 k	-25.43	(-2.75)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-22.95	(-2.95)	-13.60 k	-22.98	(-2.98)	13.65 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dEm	Upper ΔLim(dB)	Freq (Hz)																																																										
0.0 Hz	5.625 kHz	100.0 Hz	47.37	(-1.38)	0.0	47.37	(-1.38)	0.0																																																										
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4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
TX-ANH	FM	CH _L	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 150 Q AC SENSE:PULSE ALIGN:AUTO 01:11:34 PM Jun 19, 2024 Center Freq 136.012500 MHz Center Freq: 136.012500 MHz Radio Std: None PASS IF Gain: Low #Atten: 40 dB Radio Device: BTS Ref Offset 21 dB Ref 53.0 dBm  Center 136 MHz Span 120 kHz Total Power Ref 47.74 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 > dEm</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>45.64</td><td>(-3.11)</td><td>0.0</td><td>45.69</td><td>(-3.06)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-22.92</td><td>(-0.60)</td><td>-12.45 k</td><td>-26.34</td><td>(-3.65)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-23.35</td><td>(-3.35)</td><td>-13.70 k</td><td>-23.03</td><td>(-3.03)</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> File <Temp.png> saved STATUS Frequency Center Freq 136.012500 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 > dEm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	45.64	(-3.11)	0.0	45.69	(-3.06)	50.00	5.625 kHz	12.50 kHz	100.0 Hz	-22.92	(-0.60)	-12.45 k	-26.34	(-3.65)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-23.35	(-3.35)	-13.70 k	-23.03	(-3.03)	12.55 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dEm	Upper ΔLim(dB)	Freq (Hz)																																																										
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TX-ANH	FM	CH _M	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 150 Q AC SENSE:PULSE ALIGN:AUTO 10:59:00 AM Jun 19, 2024 Center Freq 155.000000 MHz Center Freq: 155.000000 MHz Radio Std: None PASS IF Gain: Low #Atten: 40 dB Radio Device: BTS Ref Offset 21 dB Ref 53.0 dBm  Center 155 MHz Span 120 kHz Total Power Ref 48.03 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 > dEm</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>47.41</td><td>(-1.42)</td><td>0.0</td><td>47.43</td><td>(-1.41)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-26.89</td><td>(-6.11)</td><td>-12.25 k</td><td>-26.84</td><td>(-5.69)</td><td>12.30 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-25.86</td><td>(-5.86)</td><td>-12.65 k</td><td>-25.99</td><td>(-5.99)</td><td>12.70 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> File <MASK D.state> recalled STATUS Frequency Center Freq 155.000000 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 > dEm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	47.41	(-1.42)	0.0	47.43	(-1.41)	50.00	5.625 kHz	12.50 kHz	100.0 Hz	-26.89	(-6.11)	-12.25 k	-26.84	(-5.69)	12.30 k	12.50 kHz	60.00 kHz	100.0 Hz	-25.86	(-5.86)	-12.65 k	-25.99	(-5.99)	12.70 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 > dEm	Upper ΔLim(dB)	Freq (Hz)																																																										
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12.50 kHz	60.00 kHz	100.0 Hz	-25.86	(-5.86)	-12.65 k	-25.99	(-5.99)	12.70 k																																																										
4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
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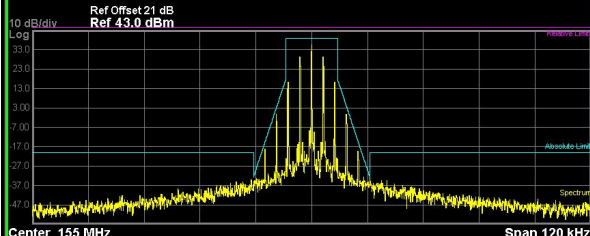
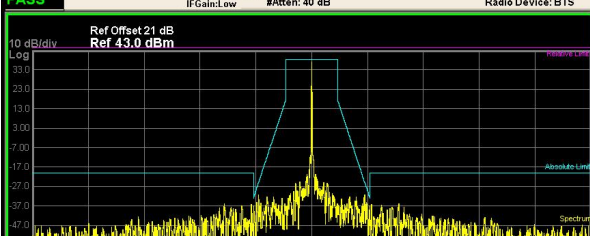
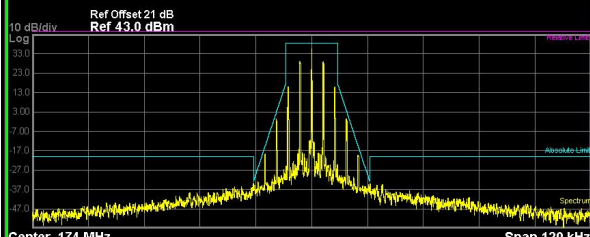
Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																															
TX-ANH	FM	CH _M	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 150.0 AC SENSE: PULSE ALIGN: AUTO 10:59:21 AM Jun 19, 2024 Center Freq 155.000000 MHz Center Freq: 155.000000 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 53.0 dBm 10 dB/div Log 43.0 33.0 23.0 13.0 3.00 7.00 17.0 27.0 37.0 Center 155 MHz Span 120 kHz Total Power Ref 47.95 dBm 0.0125 MHz <table><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>45.78</td><td>(-3.06)</td><td>0.0</td><td>45.78</td><td>(-3.06)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-25.48</td><td>(-2.88)</td><td>-12.50 k</td><td>-25.40</td><td>(-2.80)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-24.87</td><td>(-4.87)</td><td>-13.00 k</td><td>-24.78</td><td>(-4.78)</td><td>12.65 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></table> File <Temp.png> saved STATUS Frequency Center Freq 155.000000 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	45.78	(-3.06)	0.0	45.78	(-3.06)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-25.48	(-2.88)	-12.50 k	-25.40	(-2.80)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-24.87	(-4.87)	-13.00 k	-24.78	(-4.78)	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	—	(—)	—	—	(—)	—
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TX-ANH	FM	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 173.987500 AC SENSE: PULSE ALIGN: AUTO 11:39:45 AM Jun 19, 2024 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 #Atten: 40 dB Radio Device: BTS Ref Offset 21 dB Ref 52.0 dBm 10 dB/div Log 42.0 32.0 22.0 12.0 2.00 8.00 18.0 28.0 38.0 Center 174 MHz Span 120 kHz Total Power Ref 47.24 dBm 0.0125 MHz <table><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>46.59</td><td>(-1.64)</td><td>0.0</td><td>46.63</td><td>(-1.59)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-28.93</td><td>(-5.72)</td><td>-12.50 k</td><td>-28.04</td><td>(-7.74)</td><td>12.10 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-27.65</td><td>(-7.65)</td><td>-21.75 k</td><td>-27.51</td><td>(-7.51)</td><td>21.85 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></table> File <MASK D.state> recalled STATUS Frequency Center Freq 173.987500 MHz CF Step 12.000 kHz Auto Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	46.59	(-1.64)	0.0	46.63	(-1.59)	50.00	5.625 kHz	12.50 kHz	100.0 Hz	-28.93	(-5.72)	-12.50 k	-28.04	(-7.74)	12.10 k	12.50 kHz	60.00 kHz	100.0 Hz	-27.65	(-7.65)	-21.75 k	-27.51	(-7.51)	21.85 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
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TX-ANH	FM	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 173.987500 AC SENSE: PULSE ALIGN: AUTO 11:09:07 AM Jun 19, 2024 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 #Atten: 40 dB Radio Device: BTS Ref Offset 21 dB Ref 52.0 dBm 10 dB/div Log 42.0 32.0 22.0 12.0 2.00 8.00 18.0 28.0 38.0 Center 174 MHz Span 120 kHz Total Power Ref 46.98 dBm 0.0125 MHz <table><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>44.91</td><td>(-3.31)</td><td>0.0</td><td>44.91</td><td>(-3.31)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-24.47</td><td>(-1.26)</td><td>-12.50 k</td><td>-25.94</td><td>(-2.73)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-24.54</td><td>(-4.54)</td><td>-13.15 k</td><td>-25.60</td><td>(-5.60)</td><td>14.25 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></table> File <Temp.png> saved STATUS Frequency Center Freq 173.987500 MHz CF Step 12.000 kHz Auto Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	44.91	(-3.31)	0.0	44.91	(-3.31)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-24.47	(-1.26)	-12.50 k	-25.94	(-2.73)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-24.54	(-4.54)	-13.15 k	-25.60	(-5.60)	14.25 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
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Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																																																																																																																																																																					
TX-ANL	FM	CH _L	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 150 Q AC SENSE: PULSE ALIGN: AUTO 10:54:07 AM Jun 19, 2024 Center Freq 136.012500 MHz Center Freq: 136.012500 MHz Radio Std: None Trig: Free Run #Atten: 40 dB Radio Device: BTS PASS IF Gain: Low Ref Offset 21 dB Ref 43.0 dBm 10 dB/div Log 33.0 23.0 13.0 3.00 7.00 17.0 27.0 37.0 47.0 Center 136 MHz Span 120 kHz Total Power Ref 37.94 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 > dEm</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>37.30</td><td>(-1.45)</td><td>0.0</td><td>37.40</td><td>(-1.34)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-35.34</td><td>(-4.09)</td><td>-12.30 k</td><td>-35.30</td><td>(-3.70)</td><td>12.35 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-37.03</td><td>(-17.03)</td><td>-15.85 k</td><td>-36.84</td><td>(-16.84)</td><td>15.90 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> File <MASK D.state> recalled STATUS Frequency Center Freq 136.012500 MHz CF Step 12.000 kHz Man Auto Freq Offset 0 Hz <tr><td>TX-ANL</td><td>FM</td><td>CH_L</td><td> Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 150 Q AC SENSE: PULSE ALIGN: AUTO 10:54:20 AM Jun 19, 2024 Center Freq 136.012500 MHz Center Freq: 136.012500 MHz Radio Std: None Trig: Free Run Avg: 100.00% of 10 #Atten: 40 dB Radio Device: BTS PASS IF Gain: Low Ref Offset 21 dB Ref 43.0 dBm 10 dB/div Log 33.0 23.0 13.0 3.00 7.00 17.0 27.0 37.0 47.0 Center 136 MHz Span 120 kHz Total Power Ref 37.97 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 > dEm</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>35.65</td><td>(-3.09)</td><td>0.0</td><td>35.65</td><td>(-3.09)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-34.27</td><td>(-1.94)</td><td>-12.45 k</td><td>-32.86</td><td>(-0.16)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-33.32</td><td>(-13.32)</td><td>-12.50 k</td><td>-32.42</td><td>(-12.42)</td><td>14.75 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> File <Temp.png> saved STATUS Frequency Center Freq 136.012500 MHz CF Step 12.000 kHz Man Auto Freq Offset 0 Hz <tr><td>TX-ANL</td><td>FM</td><td>CH_M</td><td> Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 150 Q AC SENSE: PULSE ALIGN: AUTO 11:03:41 AM Jun 19, 2024 Center Freq 155.000000 MHz Center Freq: 155.000000 MHz Radio Std: None Trig: Free Run #Atten: 40 dB Radio Device: BTS PASS IF Gain: Low Ref Offset 21 dB Ref 43.0 dBm 10 dB/div Log 33.0 23.0 13.0 3.00 7.00 17.0 27.0 37.0 47.0 Center 155 MHz Span 120 kHz Total Power Ref 37.94 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 > dEm</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>37.40</td><td>(-1.33)</td><td>0.0</td><td>37.40</td><td>(-1.33)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-36.88</td><td>(-4.16)</td><td>-12.50 k</td><td>-36.50</td><td>(-4.51)</td><td>12.40 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-36.79</td><td>(-16.79)</td><td>-13.15 k</td><td>-36.85</td><td>(-16.85)</td><td>13.20 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> File <MASK D.state> recalled STATUS Frequency Center Freq 155.000000 MHz CF Step 12.000 kHz Man Auto Freq Offset 0 Hz </td></tr></td></tr>	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dEm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	37.30	(-1.45)	0.0	37.40	(-1.34)	50.00	5.625 kHz	12.50 kHz	100.0 Hz	-35.34	(-4.09)	-12.30 k	-35.30	(-3.70)	12.35 k	12.50 kHz	60.00 kHz	100.0 Hz	-37.03	(-17.03)	-15.85 k	-36.84	(-16.84)	15.90 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 _L	Agilent Spectrum Analyzer - 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Spectrum Emission Mask RL RF 150 Q AC SENSE: PULSE ALIGN: AUTO 11:03:41 AM Jun 19, 2024 Center Freq 155.000000 MHz Center Freq: 155.000000 MHz Radio Std: None Trig: Free Run #Atten: 40 dB Radio Device: BTS PASS IF Gain: Low Ref Offset 21 dB Ref 43.0 dBm 10 dB/div Log 33.0 23.0 13.0 3.00 7.00 17.0 27.0 37.0 47.0 Center 155 MHz Span 120 kHz Total Power Ref 37.94 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 > dEm</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>37.40</td><td>(-1.33)</td><td>0.0</td><td>37.40</td><td>(-1.33)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-36.88</td><td>(-4.16)</td><td>-12.50 k</td><td>-36.50</td><td>(-4.51)</td><td>12.40 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-36.79</td><td>(-16.79)</td><td>-13.15 k</td><td>-36.85</td><td>(-16.85)</td><td>13.20 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> File <MASK D.state> recalled STATUS Frequency Center Freq 155.000000 MHz CF Step 12.000 kHz Man Auto Freq Offset 0 Hz </td></tr>	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dEm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	35.65	(-3.09)	0.0	35.65	(-3.09)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-34.27	(-1.94)	-12.45 k	-32.86	(-0.16)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-33.32	(-13.32)	-12.50 k	-32.42	(-12.42)	14.75 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—	TX-ANL	FM	CH _M	Agilent Spectrum Analyzer - 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TX-ANL	FM	CH _L	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 150 Q AC SENSE: PULSE ALIGN: AUTO 10:54:20 AM Jun 19, 2024 Center Freq 136.012500 MHz Center Freq: 136.012500 MHz Radio Std: None Trig: Free Run Avg: 100.00% of 10 #Atten: 40 dB Radio Device: BTS PASS IF Gain: Low Ref Offset 21 dB Ref 43.0 dBm 10 dB/div Log 33.0 23.0 13.0 3.00 7.00 17.0 27.0 37.0 47.0 Center 136 MHz Span 120 kHz Total Power Ref 37.97 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 > dEm</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>35.65</td><td>(-3.09)</td><td>0.0</td><td>35.65</td><td>(-3.09)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-34.27</td><td>(-1.94)</td><td>-12.45 k</td><td>-32.86</td><td>(-0.16)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-33.32</td><td>(-13.32)</td><td>-12.50 k</td><td>-32.42</td><td>(-12.42)</td><td>14.75 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> File <Temp.png> saved STATUS Frequency Center Freq 136.012500 MHz CF Step 12.000 kHz Man Auto Freq Offset 0 Hz <tr><td>TX-ANL</td><td>FM</td><td>CH_M</td><td> Agilent Spectrum Analyzer - 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Appendix C:Emission Mask

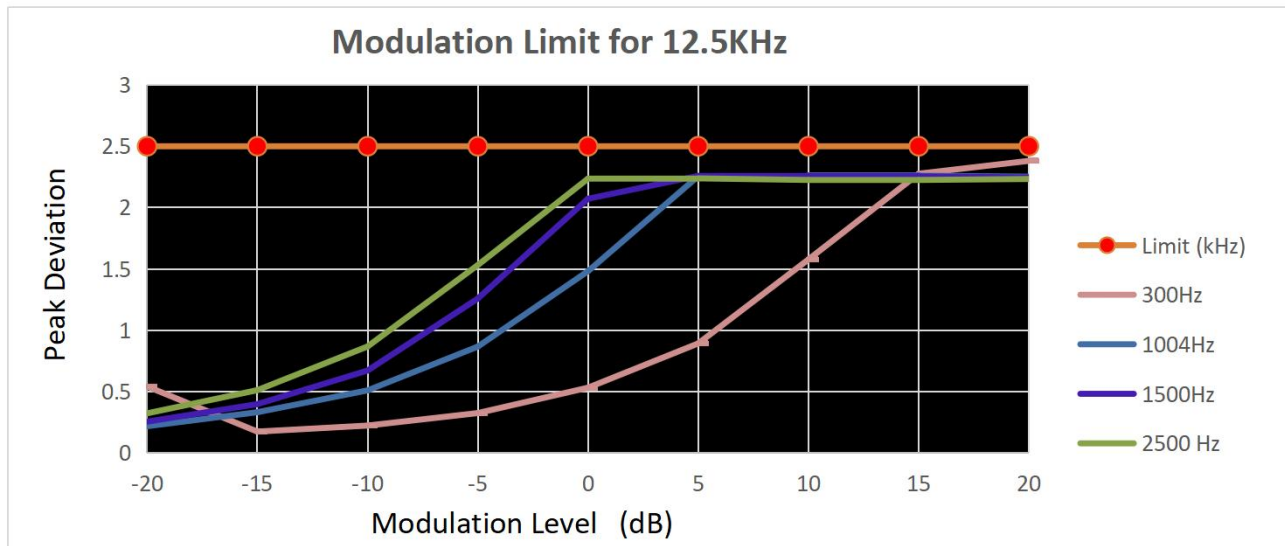
Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																															
TX-ANL	FM	CH _M	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50.0 AC SENSE: PULSE ALIGN: AUTO 11:04:03 AM Jun 19, 2024 Center Freq 155.000000 MHz Center Freq: 155.000000 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 43.0 dBm  Center 155 MHz Span 120 kHz Total Power Ref 37.74 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 > dEm</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>35.67</td><td>(-3.06)</td><td>0.0</td><td>35.69</td><td>(-3.03)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-18.29</td><td>(-3.75)</td><td>-10.00 k</td><td>-32.94</td><td>(-0.23)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-34.12</td><td>(-14.12)</td><td>-12.90 k</td><td>-34.35</td><td>(-14.35)</td><td>16.25 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> File <Temp.png> saved STATUS Frequency Center Freq 155.000000 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 > dEm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	35.67	(-3.06)	0.0	35.69	(-3.03)	50.00	5.625 kHz	12.50 kHz	100.0 Hz	-18.29	(-3.75)	-10.00 k	-32.94	(-0.23)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-34.12	(-14.12)	-12.90 k	-34.35	(-14.35)	16.25 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
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TX-ANL	FM	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50.0 AC SENSE: PULSE ALIGN: AUTO 11:13:48 AM Jun 19, 2024 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 #Atten: 40 dB Radio Device: BTS Ref Offset 21 dB Ref 43.0 dBm  Center 174 MHz Span 120 kHz Total Power Ref 37.09 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 > dEm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>36.70</td><td>(-1.81)</td><td>0.0</td><td>37.07</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>-37.07</td><td>(-4.87)</td><td>-12.40 k</td><td>-36.85</td><td>(-3.92)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-36.04</td><td>(-16.04)</td><td>-16.70 k</td><td>-35.75</td><td>(-15.75)</td><td>16.80 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> File <MASK D.state> recalled STATUS Frequency Center Freq 173.987500 MHz CF Step 12.000 kHz Auto Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dEm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	36.70	(-1.81)	0.0	37.07	(-1.43)	50.00	5.625 kHz	12.50 kHz	100.0 Hz	-37.07	(-4.87)	-12.40 k	-36.85	(-3.92)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-36.04	(-16.04)	-16.70 k	-35.75	(-15.75)	16.80 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-ANL	FM	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50.0 AC SENSE: PULSE ALIGN: AUTO 11:14:10 AM Jun 19, 2024 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 #Atten: 40 dB Radio Device: BTS Ref Offset 21 dB Ref 43.0 dBm  Center 174 MHz Span 120 kHz Total Power Ref 37.67 dBm 0.0125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dEm</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>35.18</td><td>(-3.33)</td><td>0.0</td><td>35.48</td><td>(-3.02)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-33.96</td><td>(-1.03)</td><td>-12.50 k</td><td>-34.80</td><td>(-1.87)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-34.23</td><td>(-14.23)</td><td>-12.50 k</td><td>-33.98</td><td>(-13.98)</td><td>12.60 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> File <Temp.png> saved STATUS Frequency Center Freq 173.987500 MHz CF Step 12.000 kHz Auto Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dEm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	35.18	(-3.33)	0.0	35.48	(-3.02)	50.00	5.625 kHz	12.50 kHz	100.0 Hz	-33.96	(-1.03)	-12.50 k	-34.80	(-1.87)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-34.23	(-14.23)	-12.50 k	-33.98	(-13.98)	12.60 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
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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	0.541	0.217	0.254	0.322	2.5	PASS
TX-ANH	FM	CH _M	-15	0.173	0.331	0.397	0.511	2.5	PASS
TX-ANH	FM	CH _M	-10	0.222	0.509	0.671	0.867	2.5	PASS
TX-ANH	FM	CH _M	-5	0.324	0.866	1.258	1.531	2.5	PASS
TX-ANH	FM	CH _M	0	0.531	1.481	2.072	2.236	2.5	PASS
TX-ANH	FM	CH _M	5	0.892	2.256	2.258	2.238	2.5	PASS
TX-ANH	FM	CH _M	10	1.577	2.263	2.257	2.225	2.5	PASS
TX-ANH	FM	CH _M	15	2.276	2.260	2.255	2.225	2.5	PASS
TX-ANH	FM	CH _M	20	2.381	2.252	2.245	2.233	2.5	PASS

Appendix D:Modulation Limit

TEST PLOT RESULT

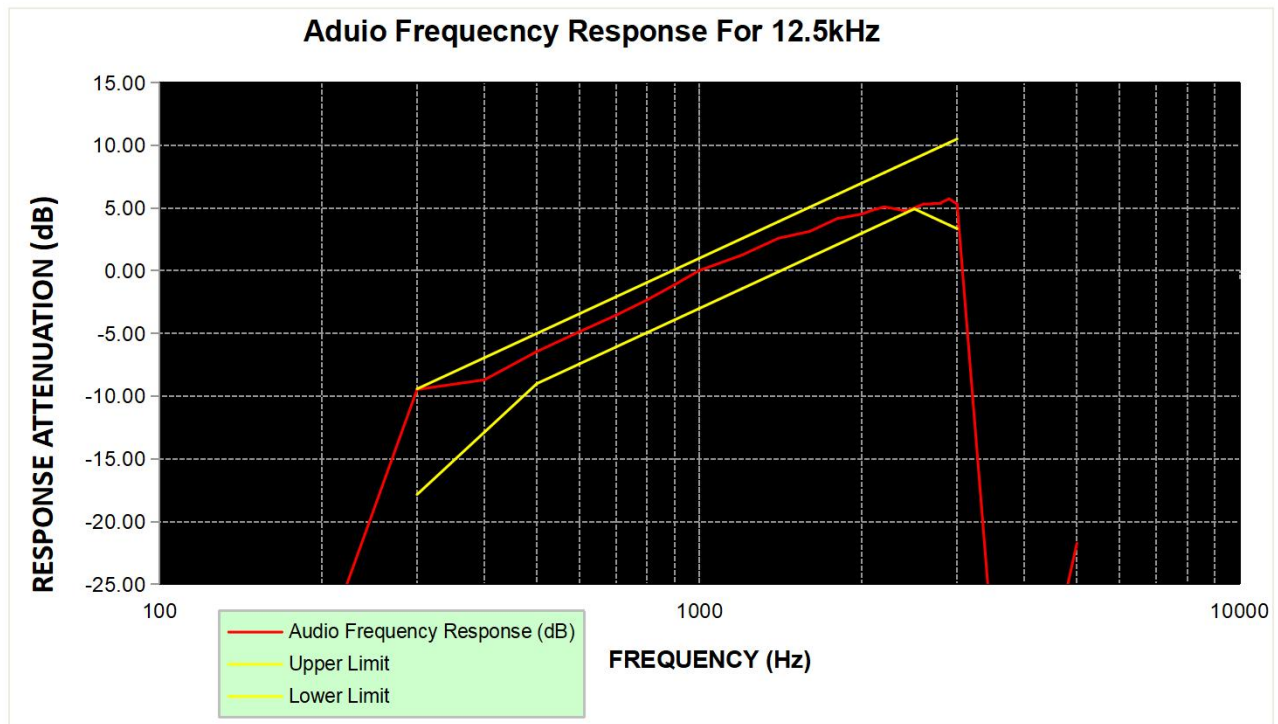


Appendix E:Audio Frequency Response

Operation Mode	Modulation Type	Test Channel	Frequency (Hz)	Audio Frequency Response (dB)	Lower Limit	Upper Limit	Result
TX-ANH	FM	CH _M	100	-30.29			PASS
TX-ANH	FM	CH _M	200	-30.51			PASS
TX-ANH	FM	CH _M	300	-9.47	-17.84	-9.42	PASS
TX-ANH	FM	CH _M	400	-8.69	-12.86	-6.93	PASS
TX-ANH	FM	CH _M	500	-6.44	-9.00	-5.00	PASS
TX-ANH	FM	CH _M	600	-4.86	-7.42	-3.42	PASS
TX-ANH	FM	CH _M	700	-3.55	-6.09	-2.09	PASS
TX-ANH	FM	CH _M	800	-2.33	-4.93	-0.93	PASS
TX-ANH	FM	CH _M	900	-1.11	-3.91	0.09	PASS
TX-ANH	FM	CH _M	1000	0.02	-3.00	1.00	PASS
TX-ANH	FM	CH _M	1200	1.26	-1.42	2.58	PASS
TX-ANH	FM	CH _M	1400	2.59	-0.09	3.91	PASS
TX-ANH	FM	CH _M	1600	3.14	1.07	5.07	PASS
TX-ANH	FM	CH _M	1800	4.16	2.09	6.09	PASS
TX-ANH	FM	CH _M	2000	4.53	3.00	7.00	PASS
TX-ANH	FM	CH _M	2100	4.86	3.42	7.42	PASS
TX-ANH	FM	CH _M	2200	5.09	3.83	7.83	PASS
TX-ANH	FM	CH _M	2300	4.94	4.21	8.21	PASS
TX-ANH	FM	CH _M	2400	4.77	4.58	8.58	PASS
TX-ANH	FM	CH _M	2500	5.01	4.93	8.93	PASS
TX-ANH	FM	CH _M	2600	5.32	4.59	9.27	PASS
TX-ANH	FM	CH _M	2700	5.37	4.27	9.60	PASS
TX-ANH	FM	CH _M	2800	5.43	3.95	9.91	PASS
TX-ANH	FM	CH _M	2900	5.74	3.65	10.22	PASS
TX-ANH	FM	CH _M	3000	5.31	3.35	10.51	PASS
TX-ANH	FM	CH _M	3500	-30.44			PASS
TX-ANH	FM	CH _M	4000	-30.72			PASS
TX-ANH	FM	CH _M	4500	-30.60			PASS
TX-ANH	FM	CH _M	5000	-21.73			PASS

Appendix E:Audio Frequency Response

TEST PLOT RESULT



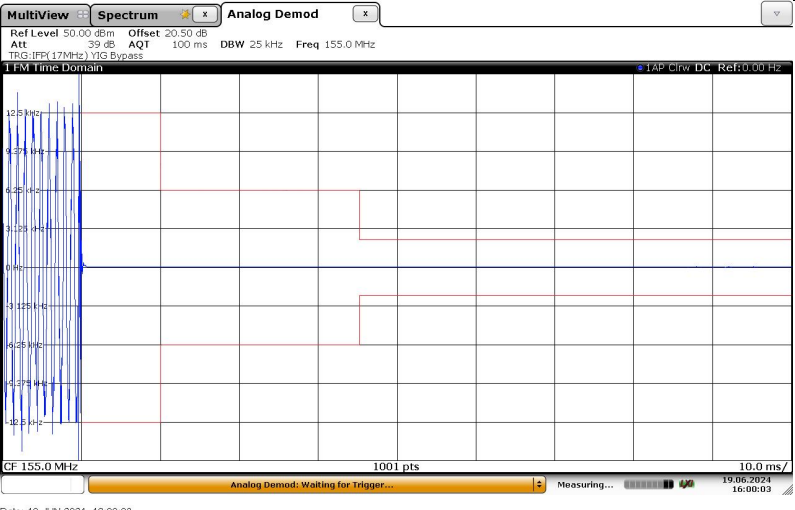
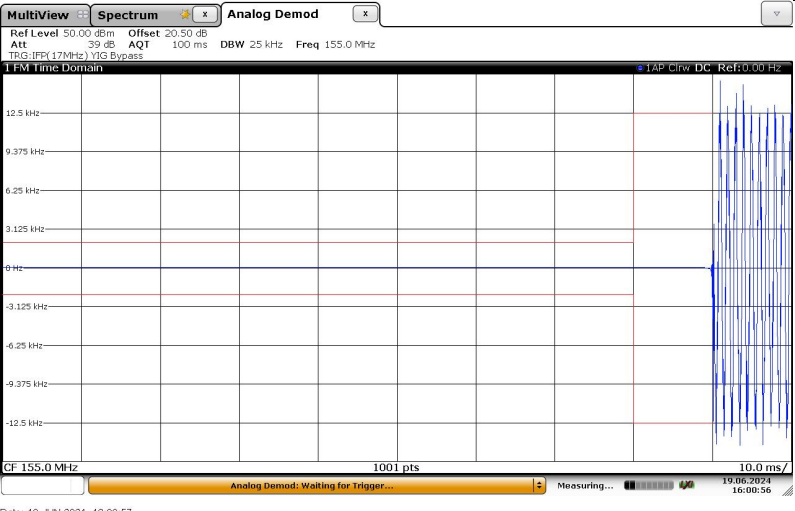
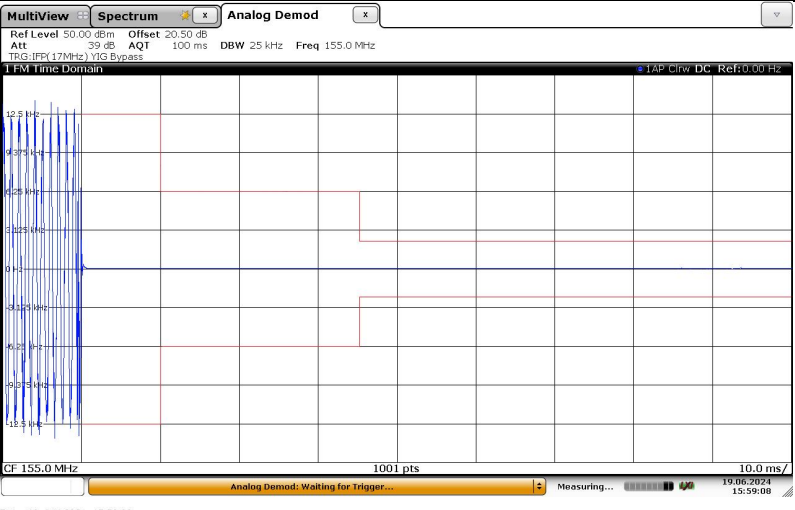
Appendix F:Frequency Stability Test & Temperature

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	0.013	0.016	0.027	±5.0	PASS
TX-DNH	4FSK	V _N	-20	0.013	0.016	0.026	±5.0	PASS
TX-DNH	4FSK	V _N	-10	0.012	0.016	0.027	±5.0	PASS
TX-DNH	4FSK	V _N	0	0.013	0.016	0.028	±5.0	PASS
TX-DNH	4FSK	V _N	10	0.013	0.015	0.028	±5.0	PASS
TX-DNH	4FSK	V _N	20	0.012	0.015	0.026	±5.0	PASS
TX-DNH	4FSK	V _N	30	0.013	0.016	0.027	±5.0	PASS
TX-DNH	4FSK	V _N	40	0.013	0.016	0.028	±5.0	PASS
TX-DNH	4FSK	V _N	50	0.012	0.016	0.028	±5.0	PASS
TX-DNL	4FSK	V _N	-30	0.023	0.027	0.021	±5.0	PASS
TX-DNL	4FSK	V _N	-20	0.024	0.026	0.019	±5.0	PASS
TX-DNL	4FSK	V _N	-10	0.023	0.026	0.019	±5.0	PASS
TX-DNL	4FSK	V _N	0	0.023	0.026	0.019	±5.0	PASS
TX-DNL	4FSK	V _N	10	0.023	0.025	0.020	±5.0	PASS
TX-DNL	4FSK	V _N	20	0.022	0.025	0.019	±5.0	PASS
TX-DNL	4FSK	V _N	30	0.023	0.026	0.021	±5.0	PASS
TX-DNL	4FSK	V _N	40	0.023	0.027	0.020	±5.0	PASS
TX-DNL	4FSK	V _N	50	0.024	0.025	0.020	±5.0	PASS
TX-ANH	FM	V _N	-30	0.287	0.243	0.305	±5.0	PASS
TX-ANH	FM	V _N	-20	0.289	0.228	0.313	±5.0	PASS
TX-ANH	FM	V _N	-10	0.303	0.230	0.317	±5.0	PASS
TX-ANH	FM	V _N	0	0.291	0.244	0.313	±5.0	PASS
TX-ANH	FM	V _N	10	0.297	0.237	0.312	±5.0	PASS
TX-ANH	FM	V _N	20	0.281	0.222	0.302	±5.0	PASS
TX-ANH	FM	V _N	30	0.285	0.238	0.331	±5.0	PASS
TX-ANH	FM	V _N	40	0.286	0.233	0.326	±5.0	PASS
TX-ANH	FM	V _N	50	0.288	0.227	0.303	±5.0	PASS
TX-ANL	FM	V _N	-30	0.032	0.026	0.343	±5.0	PASS
TX-ANL	FM	V _N	-20	0.032	0.026	0.328	±5.0	PASS
TX-ANL	FM	V _N	-10	0.031	0.025	0.336	±5.0	PASS
TX-ANL	FM	V _N	0	0.033	0.026	0.352	±5.0	PASS
TX-ANL	FM	V _N	10	0.032	0.025	0.326	±5.0	PASS
TX-ANL	FM	V _N	20	0.031	0.024	0.322	±5.0	PASS
TX-ANL	FM	V _N	30	0.031	0.025	0.351	±5.0	PASS
TX-ANL	FM	V _N	40	0.032	0.024	0.343	±5.0	PASS
TX-ANL	FM	V _N	50	0.034	0.026	0.344	±5.0	PASS

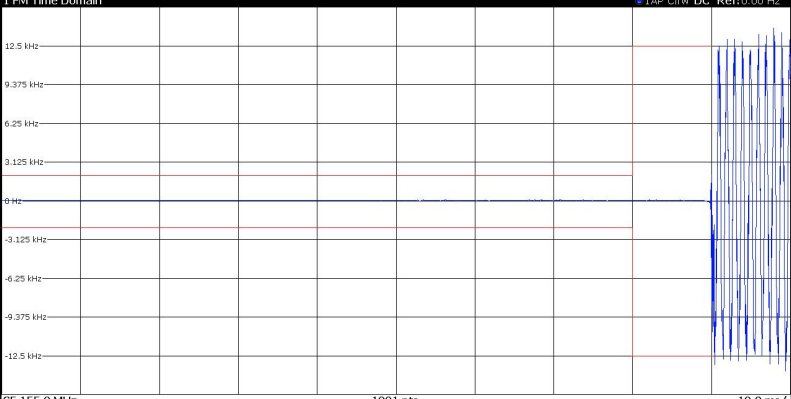
Appendix G:Frequency Stability Test & Voltage

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	0.012	0.015	0.026	±5.0	PASS
TX-DNH	4FSK	V _L	T _N	0.012	0.015	0.026	±5.0	PASS
TX-DNH	4FSK	V _H	T _N	0.013	0.016	0.027	±5.0	PASS
TX-DNL	4FSK	V _N	T _N	0.022	0.025	0.019	±5.0	PASS
TX-DNL	4FSK	V _L	T _N	0.022	0.025	0.019	±5.0	PASS
TX-DNL	4FSK	V _H	T _N	0.022	0.026	0.020	±5.0	PASS
TX-ANH	FM	V _N	T _N	0.281	0.222	0.302	±5.0	PASS
TX-ANH	FM	V _L	T _N	0.283	0.225	0.304	±5.0	PASS
TX-ANH	FM	V _H	T _N	0.292	0.228	0.320	±5.0	PASS
TX-ANL	FM	V _N	T _N	0.031	0.024	0.322	±5.0	PASS
TX-ANL	FM	V _L	T _N	0.031	0.024	0.326	±5.0	PASS
TX-ANL	FM	V _H	T _N	0.032	0.025	0.329	±5.0	PASS

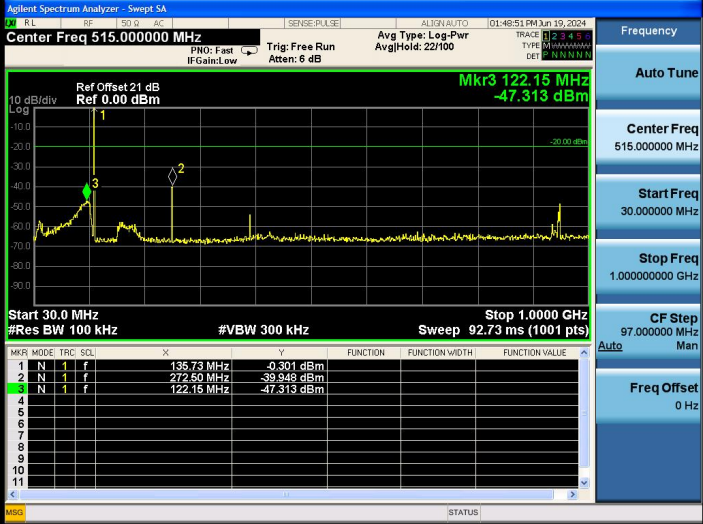
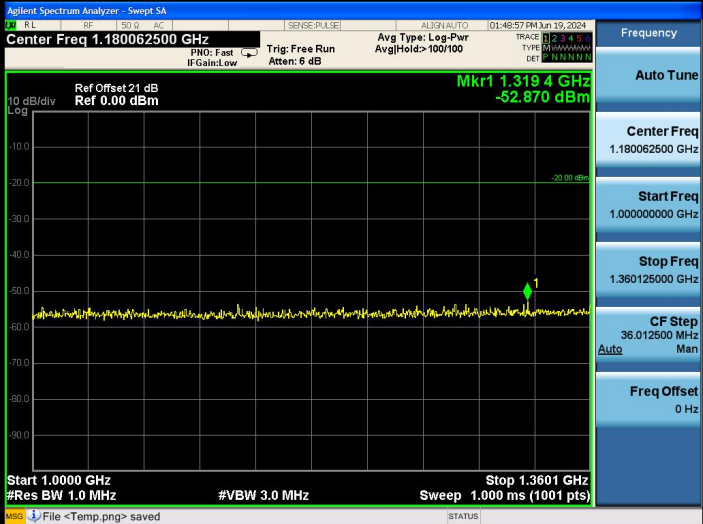
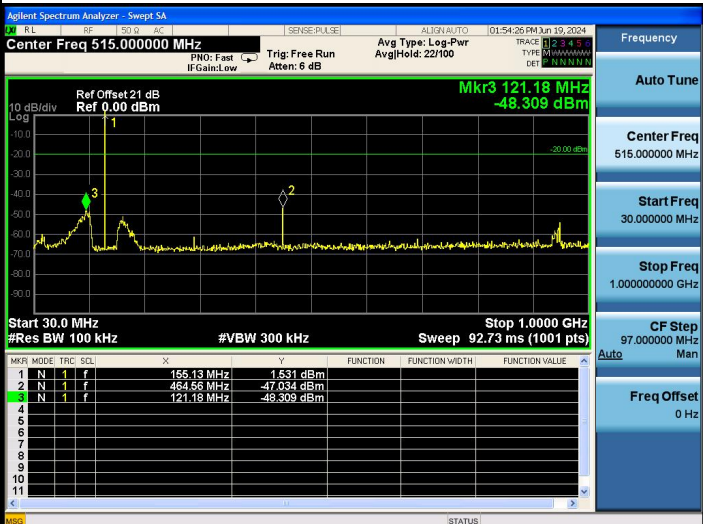
Appendix H:Transmitter Frequency Behavior

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-DNH	4FSK	CH _M	 MultiView Spectrum Analog Demod Ref Level 50.00 dBm Offset 20.50 dB Att 39 dB AQT 100 ms DBW 25 kHz Freq 155.0 MHz TRG:IFP(17MHz) YIG Bypass 1 FM Time Domain 1AP Clrw DC Ref:0.00 Hz 12.5 kHz 9.375 kHz 6.25 kHz 3.125 kHz 0 Hz -3.125 kHz -6.25 kHz -9.375 kHz -12.5 kHz CF 155.0 MHz 1001 pts 10.0 ms/ Analog Demod: Waiting for Trigger... Measuring... 19.06.2024 16:00:03 Date: 19 JUN 2024 16:00:03 OFF~ON
TX-DNH	4FSK	CH _M	 MultiView Spectrum Analog Demod Ref Level 50.00 dBm Offset 20.50 dB Att 39 dB AQT 100 ms DBW 25 kHz Freq 155.0 MHz TRG:IFP(17MHz) YIG Bypass 1 FM Time Domain 1AP Clrw DC Ref:0.00 Hz 12.5 kHz 9.375 kHz 6.25 kHz 3.125 kHz 0 Hz -3.125 kHz -6.25 kHz -9.375 kHz -12.5 kHz CF 155.0 MHz 1001 pts 10.0 ms/ Analog Demod: Waiting for Trigger... Measuring... 19.06.2024 16:00:56 Date: 19 JUN 2024 16:00:57 ON-OFF
TX-ANH	FM	CH _M	 MultiView Spectrum Analog Demod Ref Level 50.00 dBm Offset 20.50 dB Att 39 dB AQT 100 ms DBW 25 kHz Freq 155.0 MHz TRG:IFP(17MHz) YIG Bypass 1 FM Time Domain 1AP Clrw DC Ref:0.00 Hz 12.5 kHz 9.375 kHz 6.25 kHz 3.125 kHz 0 Hz -3.125 kHz -6.25 kHz -9.375 kHz -12.5 kHz CF 155.0 MHz 1001 pts 10.0 ms/ Analog Demod: Waiting for Trigger... Measuring... 19.06.2024 15:59:08 Date: 19 JUN 2024 15:59:08 OFF~ON

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 155.0 MHz Trig: (FEX 17MHz) 100 Bypass 1 FM Time Domain 12.5 kHz 9.375 kHz 6.25 kHz 3.125 kHz 0 kHz -3.125 kHz -6.25 kHz -9.375 kHz -12.5 kHz  CF 155.0 MHz1001 pts10.0 ms/ Analog Demod. Waiting for Trigger...Measuring... Date: 19 JUN 2024 16:00:41 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 - Sweep SA Center Freq 1.27500000 GHz Ref Offset 21 dB Ref 0.00 dBm Mkr1 1.312 95 GHz -53.231 dBm Start 1.0000 GHz #Res BW 1.0 MHz Stop 1.5500 GHz #VBW 3.0 MHz Sweep 1.000 ms (1001 pts) 1GHz~10th Harmonic Frequency Auto Tune Center Freq 1.27500000 GHz Start Freq 1.00000000 GHz Stop Freq 1.55000000 GHz CF Step 55.000000 MHz Auto Man Freq Offset 0 Hz																																																																																																												
TX-DNH	4FSK	CH _H	Agilent Spectrum Analyzer - Sweep SA Center Freq 515.000000 MHz Ref Offset 21 dB Ref 0.00 dBm Mkr3 183.26 MHz -49.083 dBm Start 30.0 MHz #Res BW 100 kHz Stop 1.0000 GHz #VBW 300 kHz Sweep 92.73 ms (1001 pts) <table><tr><th>MRK</th><th>MODE</th><th>TRIG</th><th>SCL</th><th>X</th><th>Y</th><th>FUNCTION</th><th>FUNCTION WIDTH</th><th>FUNCTION VALUE</th></tr><tr><td>1</td><td>N</td><td>1</td><td>f</td><td>173.56 MHz</td><td>2.725 dBm</td><td></td><td></td><td></td></tr><tr><td>2</td><td>N</td><td>1</td><td>f</td><td>948.69 MHz</td><td>-41.014 dBm</td><td></td><td></td><td></td></tr><tr><td>3</td><td>N</td><td>1</td><td>f</td><td>183.26 MHz</td><td>-49.083 dBm</td><td></td><td></td><td></td></tr><tr><td>4</td><td></td><td></td><td></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><td></td><td></td><td></td></tr><tr><td>6</td><td></td><td></td><td></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><td></td><td></td><td></td></tr><tr><td>8</td><td></td><td></td><td></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><td></td><td></td><td></td></tr><tr><td>10</td><td></td><td></td><td></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><td></td><td></td><td></td></tr></table> 30MHz~1GHz Frequency Auto Tune Center Freq 515.000000 MHz Start Freq 30.000000 MHz Stop Freq 1.00000000 GHz CF Step 97.000000 MHz Auto Man Freq Offset 0 Hz	MRK	MODE	TRIG	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	173.56 MHz	2.725 dBm				2	N	1	f	948.69 MHz	-41.014 dBm				3	N	1	f	183.26 MHz	-49.083 dBm				4									5									6									7									8									9									10									11								
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TX-DNH	4FSK	CH _H	Agilent Spectrum Analyzer - Sweep SA Center Freq 1.369937500 GHz Ref Offset 21 dB Ref 0.00 dBm Mkr1 1.710 3 GHz -53.641 dBm Start 1.0000 GHz #Res BW 1.0 MHz Stop 1.7399 GHz #VBW 3.0 MHz Sweep 1.000 ms (1001 pts) 1GHz~10th Harmonic Frequency Auto Tune Center Freq 1.369937500 GHz Start Freq 1.00000000 GHz Stop Freq 1.739875000 GHz CF Step 73.987500 MHz Auto Man Freq Offset 0 Hz																																																																																																												

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 21 dB Ref 0.00 dBm Mkr3 123.12 MHz -45.926 dBm 10 dB/div Log Start 30.0 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 92.73 ms (1001 pts) MFR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE 1 N 1 f 135.73 MHz -0.618 dBm 2 N 1 f 272.50 MHz -39.312 dBm 3 N 1 f 123.12 MHz -45.926 dBm 4 5 6 7 8 9 10 11 MSK File <Temp.png> saved STATUS Frequency Auto Tune Center Freq 515.000000 MHz Start Freq 30.000000 MHz Stop Freq 1.000000000 GHz CF Step 97.000000 MHz Auto Man Freq Offset 0 Hz 30MHz~1GHz			
			TX-ANH	FM	CH _L	Agilent Spectrum Analyzer - Swept SA Center Freq 1.180062500 GHz Ref Offset 21 dB Ref 0.00 dBm Mkr1 1.316 5 GHz -53.951 dBm 10 dB/div Log Start 1.0000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 1.000 ms (1001 pts) MSK File <Temp.png> saved STATUS Frequency Auto Tune Center Freq 1.180062500 GHz Start Freq 1.000000000 GHz Stop Freq 1.360125000 GHz CF Step 36.012500 MHz Auto Man Freq Offset 0 Hz 1GHz~10th Harmonic
						TX-ANH

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 1.275000000 GHz Ref Offset 21 dB Ref 0.00 dBm Mkr1 1.228 25 GHz -53.879 dBm Start 1.0000 GHz #Res BW 1.0 MHz Stop 1.5500 GHz #VBW 3.0 MHz Sweep 1.000 ms (1001 pts) 1 Frequency Auto Tune Center Freq 1.275000000 GHz Start Freq 1.000000000 GHz Stop Freq 1.550000000 GHz CF Step 55.000000 MHz Auto Man Freq Offset 0 Hz 1GHz~10th Harmonic																																																																																																												
TX-ANH	FM	CH _H	Agilent Spectrum Analyzer - Swept SA Center Freq 515.000000 MHz Ref Offset 21 dB Ref 0.00 dBm Mkr3 127.97 MHz -50.072 dBm Start 30.0 MHz #Res BW 100 kHz Stop 1.0000 GHz #VBW 300 kHz Sweep 92.73 ms (1001 pts) 1 3 2 <table><tr><th>MRK</th><th>MODE</th><th>TRC</th><th>SCL</th><th>X</th><th>Y</th><th>FUNCTION</th><th>FUNCTION WIDTH</th><th>FUNCTION VALUE</th></tr><tr><td>1</td><td>N</td><td>1</td><td>f</td><td>173.56 MHz</td><td>-0.873 dBm</td><td></td><td></td><td></td></tr><tr><td>2</td><td>N</td><td>1</td><td>f</td><td>948.53 MHz</td><td>-47.654 dBm</td><td></td><td></td><td></td></tr><tr><td>3</td><td>N</td><td>1</td><td>f</td><td>127.97 MHz</td><td>-50.072 dBm</td><td></td><td></td><td></td></tr><tr><td>4</td><td></td><td></td><td></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><td></td><td></td><td></td></tr><tr><td>6</td><td></td><td></td><td></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><td></td><td></td><td></td></tr><tr><td>8</td><td></td><td></td><td></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><td></td><td></td><td></td></tr><tr><td>10</td><td></td><td></td><td></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><td></td><td></td><td></td></tr></table> Frequency Auto Tune Center Freq 515.000000 MHz Start Freq 30.000000 MHz Stop Freq 1.000000000 GHz CF Step 97.000000 MHz Auto Man Freq Offset 0 Hz 30MHz~1GHz	MRK	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	173.56 MHz	-0.873 dBm				2	N	1	f	948.53 MHz	-47.654 dBm				3	N	1	f	127.97 MHz	-50.072 dBm				4									5									6									7									8									9									10									11								
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TX-ANH	FM	CH _H	Agilent Spectrum Analyzer - Swept SA Center Freq 1.369937500 GHz Ref Offset 21 dB Ref 0.00 dBm Mkr1 1.429 9 GHz -52.820 dBm Start 1.0000 GHz #Res BW 1.0 MHz Stop 1.7399 GHz #VBW 3.0 MHz Sweep 1.000 ms (1001 pts) 1 Frequency Auto Tune Center Freq 1.369937500 GHz Start Freq 1.000000000 GHz Stop Freq 1.739875000 GHz CF Step 73.987500 MHz Auto Man Freq Offset 0 Hz 1GHz~10th Harmonic																																																																																																												

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