

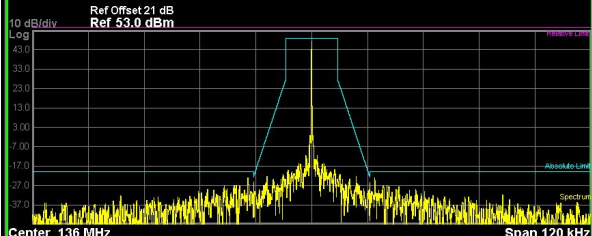
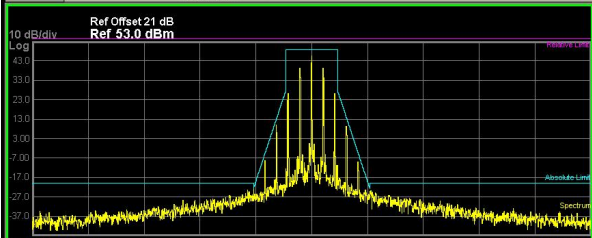
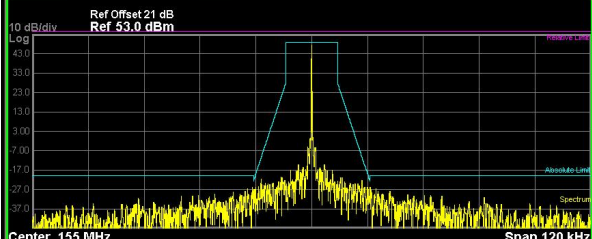
Appendix C:Emission Mask

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 IF Gain: Low #Atten: 40 dB Radio Device: BTS Ref Offset 21 dB Ref 43.0 dBm 10 dB/div Log 33.0 23.0 13.0 3.0 7.0 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	—	(—)	—	—	(—)	—
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)																																																										
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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 IF Gain: Low #Atten: 40 dB Radio Device: BTS Ref Offset 21 dB Ref 43.0 dBm 10 dB/div Log 33.0 23.0 13.0 3.0 7.0 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 IF Gain: Low #Atten: 40 dB Radio Device: BTS Ref Offset 21 dB Ref 43.0 dBm 10 dB/div Log 33.0 23.0 13.0 3.0 7.0 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 Q AC SENSE-PULSE ALIGN-AUTO 01:57:15 PM Jun 19, 2024 Center Freq 155.000000 MHz Center Freq: 155.000000 MHz Trig: Free Run Avg: 100.00% of 10 Radio Std: None PASS IF Gain: Low #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 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>28.38</td><td>(-10.55)</td><td>-50.00</td><td>28.38</td><td>(-10.54)</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></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></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 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	28.38	(-10.55)	-50.00	28.38	(-10.54)	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 kHz	60.00 kHz	100.0 Hz	-35.94	(-15.94)	-13.05 k	-35.01	(-15.01)	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 150 Q AC SENSE-PULSE ALIGN-AUTO 02:06:46 PM Jun 19, 2024 Center Freq 173.987500 MHz Center Freq: 173.987500 MHz Trig: Free Run Avg: 100.00% of 10 Radio Std: None PASS IF Gain: Low #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 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>36.34</td><td>(-2.28)</td><td>0.0</td><td>36.71</td><td>(-1.91)</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>(8.69)</td><td>-12.30 k</td><td>-38.64</td><td>(8.58)</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></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 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	36.34	(-2.28)	0.0	36.71	(-1.91)	50.00	5.625 kHz	12.50 kHz	100.0 Hz	-38.02	(8.69)	-12.30 k	-38.64	(8.58)	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	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 150 Q AC SENSE-PULSE ALIGN-AUTO 02:07:28 PM Jun 19, 2024 Center Freq 173.987500 MHz Center Freq: 173.987500 MHz Trig: Free Run Avg: 100.00% of 10 Radio Std: None PASS IF Gain: Low #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 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>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></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></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></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 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	26.18	(-12.44)	-1.050 k	30.08	(-8.54)	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	12.50 kHz	60.00 kHz	100.0 Hz	-34.19	(-14.19)	-12.65 k	-33.18	(-13.18)	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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12.50 kHz	60.00 kHz	100.0 Hz	-34.19	(-14.19)	-12.65 k	-33.18	(-13.18)	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	—	(—)	—	—	(—)	—																																																										

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><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><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></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																																																										
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	—	(—)	—	—	(—)	—																																																										
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><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><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></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)																																																										
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																																																										
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12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
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><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><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></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)																																																										
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	—	(—)	—	—	(—)	—																																																										

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 > dEm</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 <tr><td>TX-ANH</td><td>FM</td><td>CH_H</td><td> Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 150.0 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 > dEm</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 <tr><td>TX-ANH</td><td>FM</td><td>CH_H</td><td> Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 150.0 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 > dEm</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 </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	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	—	(—)	—	—	(—)	—	TX-ANH	FM	CH _H	Agilent Spectrum Analyzer - 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TX-ANH	FM	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 150.0 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 > dEm</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 > dEm	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 - 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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 - 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 - 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	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	37.40	(-1.33)	0.0	37.40	(-1.33)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-36.88	(-4.16)	-12.50 k	-36.50	(-4.51)	12.40 k	12.50 kHz	60.00 kHz	100.0 Hz	-36.79	(-16.79)	-13.15 k	-36.85	(-16.85)	13.20 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	—	(—)	—	—	(—)	—																																																																			
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Appendix C:Emission Mask

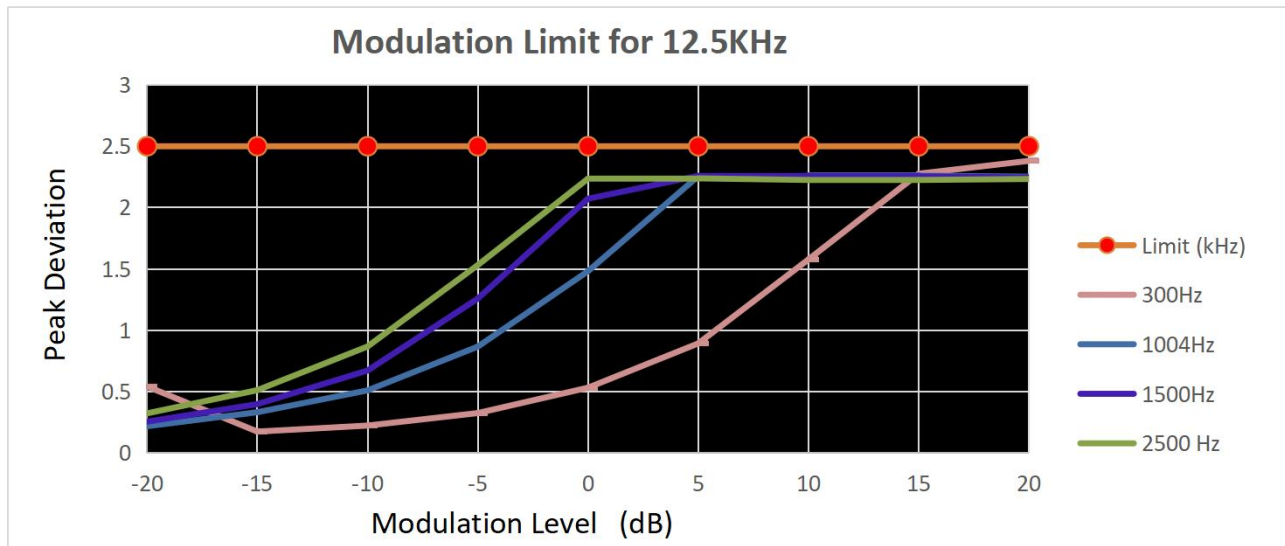
Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-ANL	FM	CH _M	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50.0 AC SENSE: PULSE ALIGN: AUTO 11:04:03 AM Jun 19, 2024 Center Freq 155.000000 MHz Center Freq: 155.000000 MHz Trig: Free Run Avg: 100.00% of 10 Radio Std: None PASS IF Gain: Low #Atten: 40 dB Radio Device: BTS Ref Offset 21 dB Ref 43.0 dBm 10 dB/div Log

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

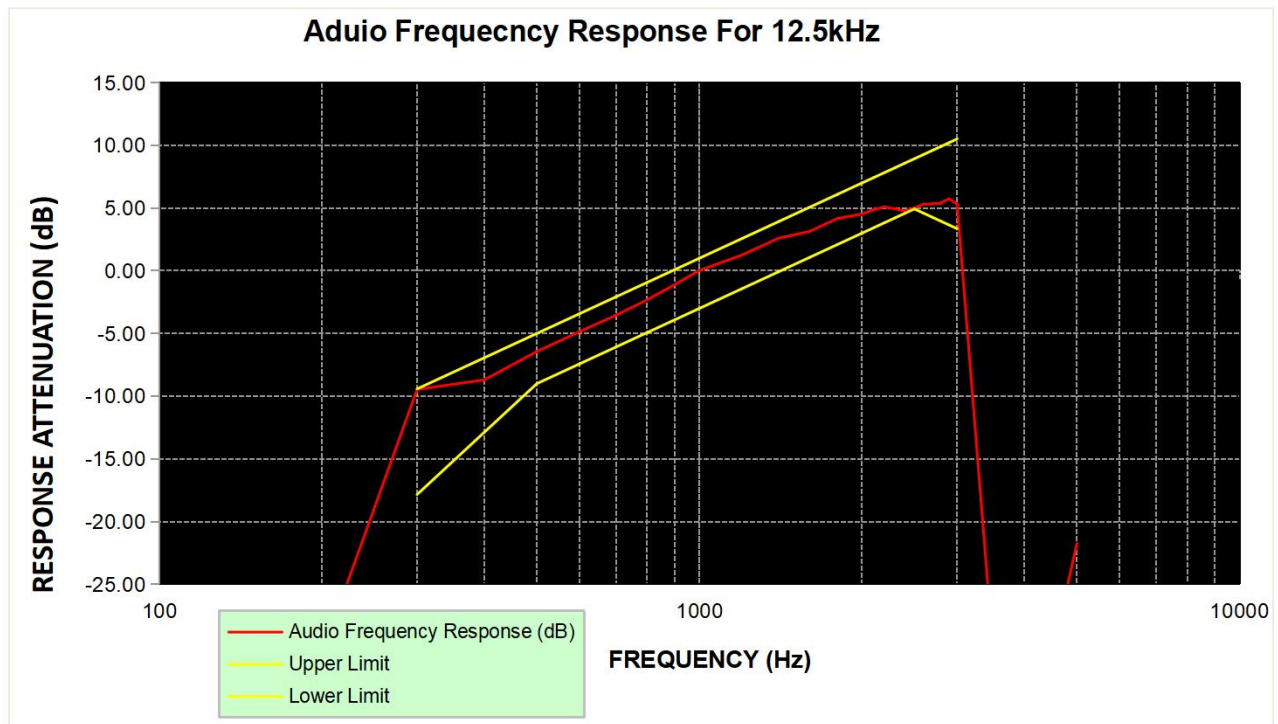


Appendix E:Audio Frequency Response

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



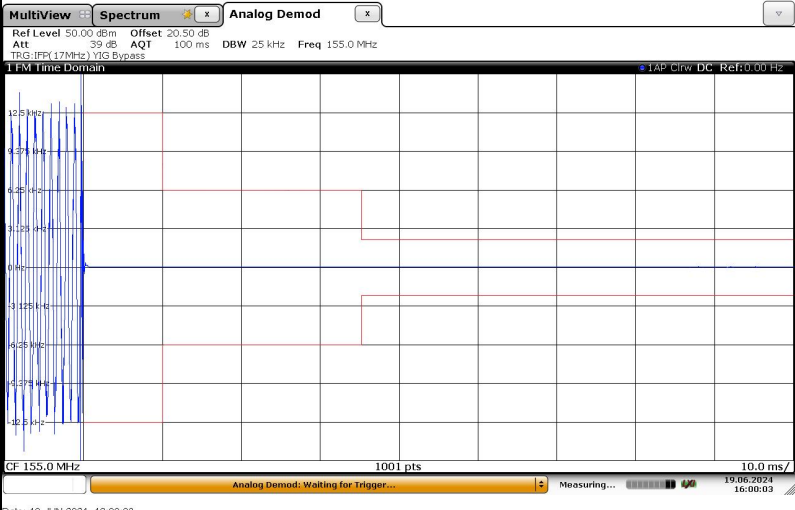
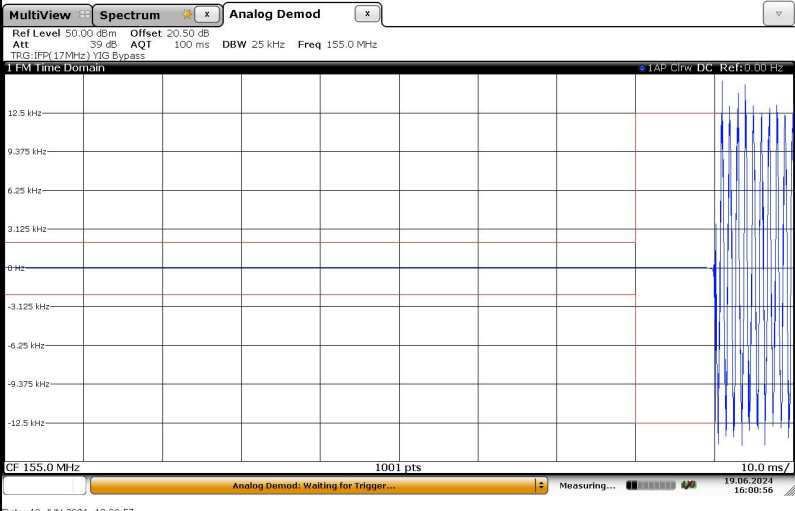
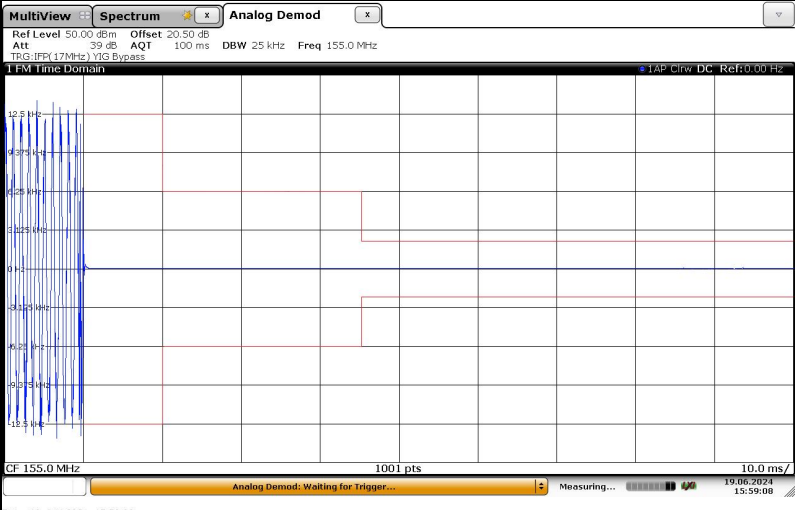
Appendix F:Frequency Stability Test & Temperature

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

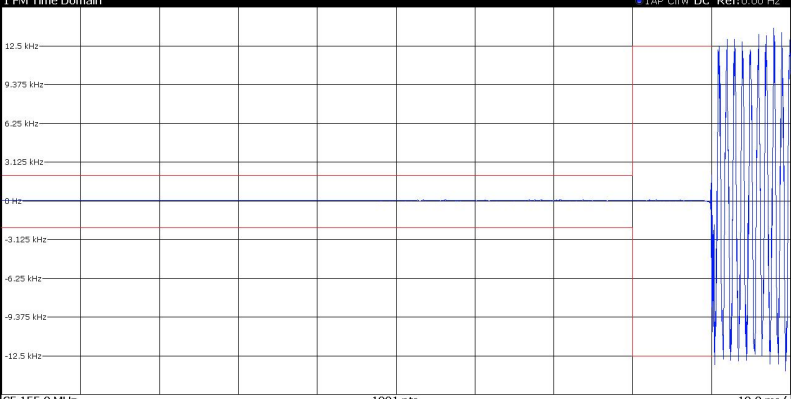
Appendix G:Frequency Stability Test & Voltage

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	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 Trig: (FEX 17MHz) 100 Bypass 1 FM Time Domain  CF 155.0 MHz 1001 pts 10.0 ms Analog Demod. Waiting for Trigger... Measuring... 19.06.2024 16:00:40 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	Agilent Spectrum Analyzer - Swept SA Center Freq 515.000000 MHz Ref Offset 21 dB Ref 0.00 dBm Mkr3 122.15 MHz -47.313 dBm Start 30.0 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 92.73 ms (1001 pts) Stop 1.0000 GHz <table><thead><tr><th>MNR</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></thead><tbody><tr><td>1</td><td>N</td><td>1</td><td>f</td><td>135.73 MHz</td><td>-30.301 dBm</td><td></td><td></td><td></td></tr><tr><td>2</td><td>N</td><td>1</td><td>f</td><td>272.50 MHz</td><td>-39.849 dBm</td><td></td><td></td><td></td></tr><tr><td>3</td><td>N</td><td>1</td><td>f</td><td>122.15 MHz</td><td>-47.313 dBm</td><td></td><td></td><td></td></tr></tbody></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	MNR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	135.73 MHz	-30.301 dBm				2	N	1	f	272.50 MHz	-39.849 dBm				3	N	1	f	122.15 MHz	-47.313 dBm			
MNR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE																															
1	N	1	f	135.73 MHz	-30.301 dBm																																		
2	N	1	f	272.50 MHz	-39.849 dBm																																		
3	N	1	f	122.15 MHz	-47.313 dBm																																		
TX-DNH	4FSK	CH _L	Agilent Spectrum Analyzer - Swept SA Center Freq 1.180062500 GHz Ref Offset 21 dB Ref 0.00 dBm Mkr1 1.319 4 GHz -52.870 dBm Start 1.0000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 1.000 ms (1001 pts) Stop 1.3601 GHz <table><thead><tr><th>MNR</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></thead><tbody></tbody></table> 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	MNR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE																											
MNR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE																															
TX-DNH	4FSK	CH _M	Agilent Spectrum Analyzer - Swept SA Center Freq 515.000000 MHz Ref Offset 21 dB Ref 0.00 dBm Mkr3 121.18 MHz -48.309 dBm Start 30.0 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 92.73 ms (1001 pts) Stop 1.0000 GHz <table><thead><tr><th>MNR</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></thead><tbody><tr><td>1</td><td>N</td><td>1</td><td>f</td><td>155.13 MHz</td><td>-1.631 dBm</td><td></td><td></td><td></td></tr><tr><td>2</td><td>N</td><td>1</td><td>f</td><td>484.58 MHz</td><td>-47.034 dBm</td><td></td><td></td><td></td></tr><tr><td>3</td><td>N</td><td>1</td><td>f</td><td>121.18 MHz</td><td>-48.309 dBm</td><td></td><td></td><td></td></tr></tbody></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	MNR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	155.13 MHz	-1.631 dBm				2	N	1	f	484.58 MHz	-47.034 dBm				3	N	1	f	121.18 MHz	-48.309 dBm			
MNR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE																															
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2	N	1	f	484.58 MHz	-47.034 dBm																																		
3	N	1	f	121.18 MHz	-48.309 dBm																																		

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) 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 1GHz~10th Harmonic
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) 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 30MHz~1GHz
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) 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 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 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) 1 2 3 4 5 6 7 8 9 10 11 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 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) 1 2 3 MFR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE 1 N 1 f 1.316 5 GHz -53.951 dBm 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	FM	CH _M	Agilent Spectrum Analyzer - Swept SA Center Freq 515.000000 MHz Ref Offset 21 dB Ref 0.00 dBm Mkr3 948.59 MHz -50.261 dBm 10 dB/div Log Start 30.0 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 92.73 ms (1001 pts) 1 2 3 4 5 6 7 8 9 10 11 MFR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE 1 N 1 f 155.13 MHz -1.630 dBm 2 N 1 f 123.03 MHz -49.612 dBm 3 N 1 f 948.59 MHz -50.261 dBm 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

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) File <Temp.png> saved 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) File <Temp.png> saved 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 _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) File <Temp.png> saved 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

----End of Report----