

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 09:30:09 AM Jun 20, 2024 Center Freq 400.012500 MHz Center Freq: 400.012500 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run #Atten: 40 dB Radio Device: BTS Ref Offset 22 dB Ref 42.0 dBm 10 dB/div Log 32.0 22.0 12.0 2.00 8.00 18.0 28.0 38.0 48.0 32.0 22.0 12.0 2.00 8.00 18.0 28.0 38.0 48.0 Center 400 MHz Span 120 kHz Total Power Ref 37.28 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>16.15</td><td>(-21.99)</td><td>0.0</td><td>37.26</td><td>(-0.88)</td><td>100.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-37.57</td><td>(-5.01)</td><td>-12.40 k</td><td>-39.81</td><td>(-6.51)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-33.92</td><td>(-13.92)</td><td>-15.30 k</td><td>-33.85</td><td>(-13.85)</td><td>15.55 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> MSO File <MASK D.state> recalled STATUS Frequency Center Freq 400.012500 MHz CF Step 12.000 kHz Auto Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	16.15	(-21.99)	0.0	37.26	(-0.88)	100.0	5.625 kHz	12.50 kHz	100.0 Hz	-37.57	(-5.01)	-12.40 k	-39.81	(-6.51)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-33.92	(-13.92)	-15.30 k	-33.85	(-13.85)	15.55 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 _L	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 150 Q AC SENSE-PULSE ALIGN-AUTO 09:30:46 AM Jun 20, 2024 Center Freq 400.012500 MHz Center Freq: 400.012500 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run Avg: 100.00% of 10 Radio Device: BTS Ref Offset 22 dB Ref 42.0 dBm 10 dB/div Log 32.0 22.0 12.0 2.00 8.00 18.0 28.0 38.0 48.0 32.0 22.0 12.0 2.00 8.00 18.0 28.0 38.0 48.0 Center 400 MHz Span 120 kHz Total Power Ref 40.75 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>27.70</td><td>(-10.44)</td><td>-350.0</td><td>29.19</td><td>(-8.96)</td><td>1.600 k</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-36.63</td><td>(-4.27)</td><td>-12.40 k</td><td>-38.10</td><td>(-4.80)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-34.49</td><td>(-14.49)</td><td>-13.10 k</td><td>-35.16</td><td>(-15.16)</td><td>13.15 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> MSO File <Temp.png> saved STATUS Frequency Center Freq 400.012500 MHz CF Step 12.000 kHz Auto Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	27.70	(-10.44)	-350.0	29.19	(-8.96)	1.600 k	5.625 kHz	12.50 kHz	100.0 Hz	-36.63	(-4.27)	-12.40 k	-38.10	(-4.80)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-34.49	(-14.49)	-13.10 k	-35.16	(-15.16)	13.15 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
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TX-DNL	4FSK	CH _M	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 150 Q AC SENSE-PULSE ALIGN-AUTO 09:36:28 AM Jun 20, 2024 Center Freq 435.000000 MHz Center Freq: 435.000000 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run #Atten: 40 dB Radio Device: BTS Ref Offset 22 dB Ref 42.0 dBm 10 dB/div Log 32.0 22.0 12.0 2.00 8.00 18.0 28.0 38.0 48.0 32.0 22.0 12.0 2.00 8.00 18.0 28.0 38.0 48.0 Center 435 MHz Span 120 kHz Total Power Ref 37.43 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>-1.466</td><td>(-39.16)</td><td>0.0</td><td>36.84</td><td>(-0.85)</td><td>150.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-37.65</td><td>(-5.36)</td><td>-12.30 k</td><td>-39.15</td><td>(-5.41)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-36.54</td><td>(-16.54)</td><td>-14.75 k</td><td>-35.13</td><td>(-15.13)</td><td>12.65 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> MSO File <MASK D.state> recalled STATUS Frequency Center Freq 435.000000 MHz CF Step 12.000 kHz Auto Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	-1.466	(-39.16)	0.0	36.84	(-0.85)	150.0	5.625 kHz	12.50 kHz	100.0 Hz	-37.65	(-5.36)	-12.30 k	-39.15	(-5.41)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-36.54	(-16.54)	-14.75 k	-35.13	(-15.13)	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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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 50 Q AC SENSE-PULSE ALIGN-AUTO 09:37:07 AM Jun 20, 2024 Center Freq 435.000000 MHz Center Freq: 435.000000 MHz Radio Std: None Trig: Free Run Avg: 100.00% of 10 IF Gain: Low #Atten: 40 dB Radio Device: BTS Ref Offset 22 dB Ref 42.0 dBm 10 dB/div Log 32.0 22.0 12.0 2.00 8.00 18.0 28.0 38.0 48.0 Spectrum Center 435 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>27.70</td><td>(-9.99)</td><td>0.0</td><td>31.32</td><td>(-6.37)</td><td>700.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-33.54</td><td>(-1.61)</td><td>-12.25 k</td><td>-38.13</td><td>(-4.39)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-34.76</td><td>(-14.76)</td><td>-13.90 k</td><td>-32.98</td><td>(-12.98)</td><td>13.95 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> File <Temp.png> saved STATUS Frequency Center Freq 435.000000 MHz CF Step 12.000 kHz Man Auto Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	Peak dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	27.70	(-9.99)	0.0	31.32	(-6.37)	700.0	5.625 kHz	12.50 kHz	100.0 Hz	-33.54	(-1.61)	-12.25 k	-38.13	(-4.39)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-34.76	(-14.76)	-13.90 k	-32.98	(-12.98)	13.95 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
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TX-DNL	4FSK	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50 Q AC SENSE-PULSE ALIGN-AUTO 09:43:11 AM Jun 20, 2024 Center Freq 469.987500 MHz Center Freq: 469.987500 MHz Radio Std: None Trig: Free Run Avg: 100.00% of 10 IF Gain: Low #Atten: 40 dB Radio Device: BTS Ref Offset 22 dB Ref 42.0 dBm 10 dB/div Log 32.0 22.0 12.0 2.00 8.00 18.0 28.0 38.0 48.0 Spectrum Center 470 MHz Span 120 kHz Total Power Ref 36.91 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>-5.91</td><td>(-43.48)</td><td>-50.00</td><td>36.73</td><td>(-1.16)</td><td>150.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-39.24</td><td>(5.69)</td><td>-12.50 k</td><td>-40.03</td><td>(-8.66)</td><td>12.20 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-38.23</td><td>(-16.23)</td><td>-15.30 k</td><td>-38.14</td><td>(-16.14)</td><td>15.60 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 <MASK D.state> recalled STATUS Frequency Center Freq 469.987500 MHz CF Step 12.000 kHz Man Auto Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	Peak dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	-5.91	(-43.48)	-50.00	36.73	(-1.16)	150.0	5.625 kHz	12.50 kHz	100.0 Hz	-39.24	(5.69)	-12.50 k	-40.03	(-8.66)	12.20 k	12.50 kHz	60.00 kHz	100.0 Hz	-38.23	(-16.23)	-15.30 k	-38.14	(-16.14)	15.60 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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12.50 kHz	60.00 kHz	100.0 Hz	-35.91	(-15.91)	-13.40 k	-35.15	(-15.15)	13.30 k																																																										
4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										

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 03:53:15 PM Jun 19, 2024 Center Freq 400.012500 MHz Center Freq: 400.012500 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run #Atten: 40 dB Radio Device: BTS Ref Offset 22 dB Ref 52.0 dBm 10 dB/div Log 42.0 32.0 22.0 12.0 2.00 0.00 18.0 26.0 38.0 Center 400 MHz Span 120 kHz Total Power Ref 46.89 dBm @ 0.0125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>31.66</td><td>(-16.02)</td><td>0.0</td><td>46.91</td><td>(-0.76)</td><td>100.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-26.46</td><td>(-2.70)</td><td>-12.50 k</td><td>-28.88</td><td>(-6.21)</td><td>12.35 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-26.34</td><td>(-6.34)</td><td>-13.10 k</td><td>-26.43</td><td>(-6.43)</td><td>13.30 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> File <MASK D.state> recalled STATUS Frequency Center Freq 400.012500 MHz CF Step 12.000 kHz Auto Freq Offset 0 Hz <tr><td>TX-ANH</td><td>FM</td><td>CH_L</td><td> Agilent Spectrum Analyzer - 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TX-ANH	FM	CH _L	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 150 Q AC SENSE: PULSE ALIGN: AUTO 03:53:37 PM Jun 19, 2024 Center Freq 400.012500 MHz Center Freq: 400.012500 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run Avg: 100.00% of 10 #Atten: 40 dB Radio Device: BTS Ref Offset 22 dB Ref 52.0 dBm 10 dB/div Log 42.0 32.0 22.0 12.0 2.00 0.00 18.0 26.0 38.0 Center 400 MHz Span 120 kHz Total Power Ref 46.93 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>38.82</td><td>(-8.85)</td><td>-2.400 k</td><td>45.25</td><td>(-2.42)</td><td>100.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-23.79</td><td>(-0.38)</td><td>-12.45 k</td><td>-26.61</td><td>(-2.84)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-23.46</td><td>(-3.46)</td><td>-12.70 k</td><td>-21.65</td><td>(-1.65)</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 400.012500 MHz CF Step 12.000 kHz Auto Freq Offset 0 Hz <tr><td>TX-ANH</td><td>FM</td><td>CH_M</td><td> Agilent Spectrum Analyzer - 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Spectrum Emission Mask RL RF 150 Q AC SENSE: PULSE ALIGN: AUTO 03:57:20 PM Jun 19, 2024 Center Freq 435.000000 MHz Center Freq: 435.000000 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run #Atten: 40 dB Radio Device: BTS Ref Offset 22 dB Ref 51.0 dBm 10 dB/div Log 41.0 31.0 21.0 11.0 9.00 1.00 19.0 29.0 39.0 Center 435 MHz Span 120 kHz Total Power Ref 47.15 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>10.63</td><td>(-36.67)</td><td>0.0</td><td>46.58</td><td>(-0.73)</td><td>150.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-27.70</td><td>(-3.94)</td><td>-12.45 k</td><td>-29.38</td><td>(-5.61)</td><td>12.45 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-27.84</td><td>(-7.84)</td><td>-15.55 k</td><td>-27.98</td><td>(-7.98)</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 435.000000 MHz CF Step 12.000 kHz Auto Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	10.63	(-36.67)	0.0	46.58	(-0.73)	150.0	5.625 kHz	12.50 kHz	100.0 Hz	-27.70	(-3.94)	-12.45 k	-29.38	(-5.61)	12.45 k	12.50 kHz	60.00 kHz	100.0 Hz	-27.84	(-7.84)	-15.55 k	-27.98	(-7.98)	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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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 dB AC SENSE: PULSE ALIGN: AUTO 03:57:42 PM Jun 19, 2024 Center Freq 435.000000 MHz Center Freq: 435.000000 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run Avg: 100.00% of 10 #Atten: 40 dB Radio Device: BTS Ref Offset 22 dB Ref 51.0 dBm Center 435 MHz Span 120 kHz Total Power Ref 47.04 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>38.68</td><td>(-8.63)</td><td>2.350 k</td><td>44.85</td><td>(-2.46)</td><td>100.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-25.15</td><td>(-2.11)</td><td>-12.35 k</td><td>-25.20</td><td>(-1.07)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-24.31</td><td>(-4.31)</td><td>-14.25 k</td><td>-24.73</td><td>(-4.73)</td><td>18.05 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></table> File <Temp.png> saved STATUS Frequency Center Freq 435.000000 MHz CF Step 12.000 kHz Man Auto Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	38.68	(-8.63)	2.350 k	44.85	(-2.46)	100.0	5.625 kHz	12.50 kHz	100.0 Hz	-25.15	(-2.11)	-12.35 k	-25.20	(-1.07)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-24.31	(-4.31)	-14.25 k	-24.73	(-4.73)	18.05 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
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TX-ANH	FM	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 150 dB AC SENSE: PULSE ALIGN: AUTO 04:05:40 PM Jun 19, 2024 Center Freq 469.987500 MHz Center Freq: 469.987500 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run Avg: 100.00% of 10 #Atten: 40 dB Radio Device: BTS Ref Offset 22 dB Ref 51.0 dBm Center 470 MHz Span 120 kHz Total Power Ref 46.57 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>25.54</td><td>(-21.76)</td><td>0.0</td><td>46.59</td><td>(-0.72)</td><td>100.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-26.95</td><td>(-4.28)</td><td>-12.30 k</td><td>-26.99</td><td>(-2.86)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-26.47</td><td>(-6.47)</td><td>-12.90 k</td><td>-26.59</td><td>(-6.59)</td><td>13.10 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></table> File <MASK.D.state> recalled STATUS Frequency Center Freq 469.987500 MHz CF Step 12.000 kHz Man Auto Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	25.54	(-21.76)	0.0	46.59	(-0.72)	100.0	5.625 kHz	12.50 kHz	100.0 Hz	-26.95	(-4.28)	-12.30 k	-26.99	(-2.86)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-26.47	(-6.47)	-12.90 k	-26.59	(-6.59)	13.10 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
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TX-ANH	FM	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 150 dB AC SENSE: PULSE ALIGN: AUTO 04:07:02 PM Jun 19, 2024 Center Freq 469.987500 MHz Center Freq: 469.987500 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run Avg: 100.00% of 10 #Atten: 40 dB Radio Device: BTS Ref Offset 22 dB Ref 51.0 dBm Center 470 MHz Span 120 kHz Total Power Ref 46.60 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>38.57</td><td>(-8.73)</td><td>-2.400 k</td><td>44.85</td><td>(-2.46)</td><td>100.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-25.13</td><td>(-1.36)</td><td>-12.45 k</td><td>-25.24</td><td>(-1.11)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-25.14</td><td>(-5.14)</td><td>-13.40 k</td><td>-23.24</td><td>(-3.24)</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 469.987500 MHz CF Step 12.000 kHz Man Auto Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	38.57	(-8.73)	-2.400 k	44.85	(-2.46)	100.0	5.625 kHz	12.50 kHz	100.0 Hz	-25.13	(-1.36)	-12.45 k	-25.24	(-1.11)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-25.14	(-5.14)	-13.40 k	-23.24	(-3.24)	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-ANL	FM	CH _L	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 150 Q AC SENSE: PULSE ALIGN: AUTO 03:55:22 PM Jun 19, 2024 Center Freq 400.012500 MHz Center Freq: 400.012500 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run #Atten: 40 dB Radio Device: BTS Ref Offset 22 dB Ref 42.0 dBm 10 dB/div Log 32.0 22.0 12.0 2.00 0.00 18.0 28.0 38.0 48.0 37.47 36.47 35.47 34.47 33.47 32.47 31.47 30.47 29.47 28.47 27.47 26.47 25.47 24.47 23.47 22.47 21.47 20.47 19.47 18.47 17.47 16.47 15.47 14.47 13.47 12.47 11.47 10.47 9.47 8.47 7.47 6.47 5.47 4.47 3.47 2.47 1.47 0.47 -0.47 -1.47 -2.47 -3.47 -4.47 -5.47 -6.47 -7.47 -8.47 -9.47 -10.47 -11.47 -12.47 -13.47 -14.47 -15.47 -16.47 -17.47 -18.47 -19.47 -20.47 -21.47 -22.47 -23.47 -24.47 -25.47 -26.47 -27.47 -28.47 -29.47 -30.47 -31.47 -32.47 -33.47 -34.47 -35.47 -36.47 -37.47 -38.47 -39.47 -40.47 -41.47 -42.47 -43.47 -44.47 -45.47 -46.47 -47.47 -48.47 -49.47 -50.47 Center 400 MHz Span 120 kHz Total Power Ref 37.47 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>16.59</td><td>(-21.72)</td><td>0.0</td><td>37.45</td><td>(-0.86)</td><td>100.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-35.40</td><td>(-3.72)</td><td>-12.30 k</td><td>-35.77</td><td>(-2.64)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-34.45</td><td>(-14.45)</td><td>-14.55 k</td><td>-34.46</td><td>(-14.46)</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 <MASK D.state> recalled STATUS Frequency Center Freq 400.012500 MHz CF Step 12.000 kHz Auto Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dEm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	16.59	(-21.72)	0.0	37.45	(-0.86)	100.0	5.625 kHz	12.50 kHz	100.0 Hz	-35.40	(-3.72)	-12.30 k	-35.77	(-2.64)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-34.45	(-14.45)	-14.55 k	-34.46	(-14.46)	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	—	(—)	—	—	(—)	—
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 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
TX-ANL	FM	CH _L	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 150 Q AC SENSE: PULSE ALIGN: AUTO 03:55:49 PM Jun 19, 2024 Center Freq 400.012500 MHz Center Freq: 400.012500 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run Avg: 100.00% of 10 #Atten: 40 dB Radio Device: BTS Ref Offset 22 dB Ref 42.0 dBm 10 dB/div Log 32.0 22.0 12.0 2.00 0.00 18.0 28.0 38.0 48.0 37.49 36.49 35.49 34.49 33.49 32.49 31.49 30.49 29.49 28.49 27.49 26.49 25.49 24.49 23.49 22.49 21.49 20.49 19.49 18.49 17.49 16.49 15.49 14.49 13.49 12.49 11.49 10.49 9.49 8.49 7.49 6.49 5.49 4.49 3.49 2.49 1.49 0.49 -0.49 -1.49 -2.49 -3.49 -4.49 -5.49 -6.49 -7.49 -8.49 -9.49 -10.49 -11.49 -12.49 -13.49 -14.49 -15.49 -16.49 -17.49 -18.49 -19.49 -20.49 -21.49 -22.49 -23.49 -24.49 -25.49 -26.49 -27.49 -28.49 -29.49 -30.49 -31.49 -32.49 -33.49 -34.49 -35.49 -36.49 -37.49 -38.49 -39.49 -40.49 -41.49 -42.49 -43.49 -44.49 -45.49 -46.49 -47.49 -48.49 -49.49 -50.49 Center 400 MHz Span 120 kHz Total Power Ref 37.49 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>29.35</td><td>(-8.95)</td><td>-2.400 k</td><td>35.79</td><td>(-2.52)</td><td>100.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-33.29</td><td>(-0.89)</td><td>-12.40 k</td><td>-32.89</td><td>(-1.21)</td><td>12.30 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-34.74</td><td>(-14.74)</td><td>-18.95 k</td><td>-33.44</td><td>(-13.44)</td><td>13.45 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 400.012500 MHz CF Step 12.000 kHz Auto Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dEm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	29.35	(-8.95)	-2.400 k	35.79	(-2.52)	100.0	5.625 kHz	12.50 kHz	100.0 Hz	-33.29	(-0.89)	-12.40 k	-32.89	(-1.21)	12.30 k	12.50 kHz	60.00 kHz	100.0 Hz	-34.74	(-14.74)	-18.95 k	-33.44	(-13.44)	13.45 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 _M	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 150 Q AC SENSE: PULSE ALIGN: AUTO 04:02:26 PM Jun 19, 2024 Center Freq 435.000000 MHz Center Freq: 435.000000 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run #Atten: 40 dB Radio Device: BTS Ref Offset 22 dB Ref 41.0 dBm 10 dB/div Log 32.0 22.0 12.0 2.00 0.00 18.0 28.0 38.0 48.0 36.99 35.99 34.99 33.99 32.99 31.99 30.99 29.99 28.99 27.99 26.99 25.99 24.99 23.99 22.99 21.99 20.99 19.99 18.99 17.99 16.99 15.99 14.99 13.99 12.99 11.99 10.99 9.99 8.99 7.99 6.99 5.99 4.99 3.99 2.99 1.99 0.99 -0.01 -1.01 -2.01 -3.01 -4.01 -5.01 -6.01 -7.01 -8.01 -9.01 -10.01 -11.01 -12.01 -13.01 -14.01 -15.01 -16.01 -17.01 -18.01 -19.01 -20.01 -21.01 -22.01 -23.01 -24.01 -25.01 -26.01 -27.01 -28.01 -29.01 -30.01 -31.01 -32.01 -33.01 -34.01 -35.01 -36.01 -37.01 -38.01 -39.01 -40.01 -41.01 -42.01 -43.01 -44.01 -45.01 -46.01 -47.01 -48.01 -49.01 -50.01 Center 435 MHz Span 120 kHz Total Power Ref 36.99 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 > 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>1.911</td><td>(-35.49)</td><td>0.0</td><td>36.46</td><td>(-0.94)</td><td>100.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-35.41</td><td>(-3.92)</td><td>-12.15 k</td><td>-35.38</td><td>(-2.43)</td><td>12.35 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-37.79</td><td>(-17.79)</td><td>-13.30 k</td><td>-36.40</td><td>(-16.40)</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 435.000000 MHz CF Step 12.000 kHz Auto Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dEm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	1.911	(-35.49)	0.0	36.46	(-0.94)	100.0	5.625 kHz	12.50 kHz	100.0 Hz	-35.41	(-3.92)	-12.15 k	-35.38	(-2.43)	12.35 k	12.50 kHz	60.00 kHz	100.0 Hz	-37.79	(-17.79)	-13.30 k	-36.40	(-16.40)	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	—	(—)	—	—	(—)	—
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Appendix C:Emission Mask

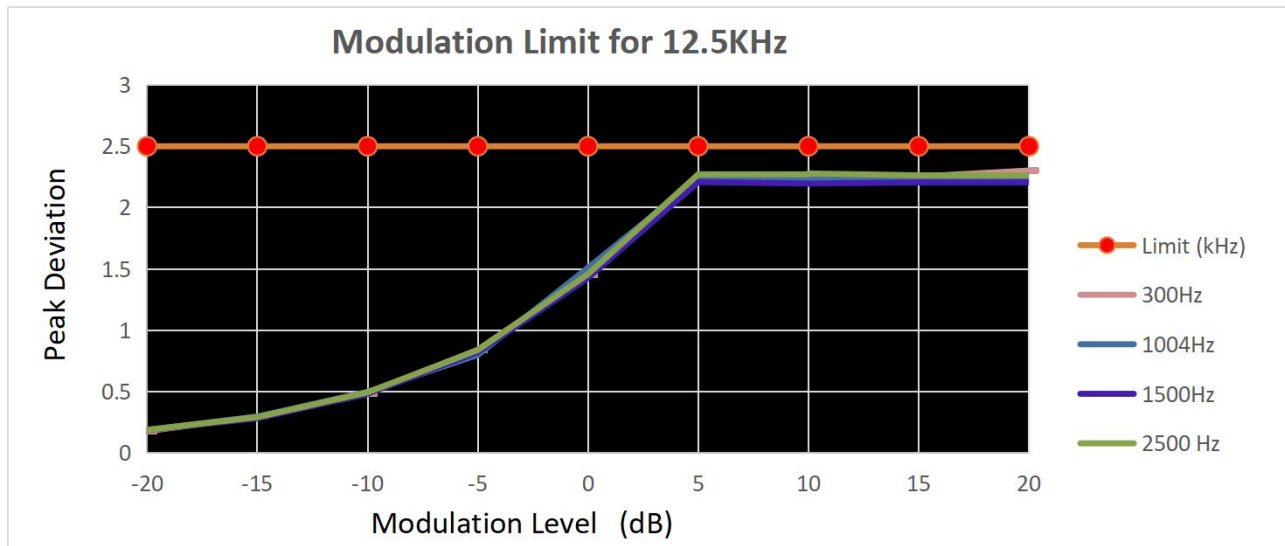
Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																															
TX-ANL	FM	CH _M	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50 Ω AC SENSE: PULSE ALIGN: AUTO 04:02:48 PM Jun 19, 2024 Center Freq 435.000000 MHz Center Freq: 435.000000 MHz Trig: Free Run Avg: 100.00% of 10 Radio Std: None PASS IF Gain: Low #Atten: 40 dB Radio Device: BTS Ref Offset 22 dB Ref 41.0 dBm 10 dB/div Log 31.0 21.0 11.0 1.00 9.00 19.0 29.0 39.0 49.0 Center 435 MHz Span 120 kHz Total Power Ref 37.06 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>28.63</td><td>(-8.76)</td><td>2.400 k</td><td>34.81</td><td>(-2.58)</td><td>100.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-34.05</td><td>(-0.74)</td><td>12.40 k</td><td>-33.02</td><td>(-1.52)</td><td>12.15 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-34.33</td><td>(-14.33)</td><td>15.35 k</td><td>-33.45</td><td>(-13.45)</td><td>14.45 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> MSO File <Temp.png> saved STATUS Frequency Center Freq 435.000000 MHz CF Step 12.000 kHz Auto Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	28.63	(-8.76)	2.400 k	34.81	(-2.58)	100.0	5.625 kHz	12.50 kHz	100.0 Hz	-34.05	(-0.74)	12.40 k	-33.02	(-1.52)	12.15 k	12.50 kHz	60.00 kHz	100.0 Hz	-34.33	(-14.33)	15.35 k	-33.45	(-13.45)	14.45 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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12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
TX-ANL	FM	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50 Ω AC SENSE: PULSE ALIGN: AUTO 04:59:15 PM Jun 19, 2024 Center Freq 469.987500 MHz Center Freq: 469.987500 MHz Trig: Free Run Avg: 100.00% of 10 Radio Std: None PASS IF Gain: Low #Atten: 40 dB Radio Device: BTS Ref Offset 22 dB Ref 42.0 dBm 10 dB/div Log 32.0 22.0 12.0 2.00 8.00 18.0 28.0 38.0 48.0 Center 470 MHz Span 120 kHz Total Power Ref 37.66 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>10.02</td><td>(-27.84)</td><td>0.0</td><td>37.07</td><td>(-0.80)</td><td>100.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-36.88</td><td>(-5.84)</td><td>12.00 k</td><td>-37.15</td><td>(-5.39)</td><td>12.25 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-37.40</td><td>(-17.40)</td><td>12.90 k</td><td>-37.40</td><td>(-17.40)</td><td>13.15 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> MSO File <MASK D.state> recalled STATUS Frequency Center Freq 469.987500 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	10.02	(-27.84)	0.0	37.07	(-0.80)	100.0	5.625 kHz	12.50 kHz	100.0 Hz	-36.88	(-5.84)	12.00 k	-37.15	(-5.39)	12.25 k	12.50 kHz	60.00 kHz	100.0 Hz	-37.40	(-17.40)	12.90 k	-37.40	(-17.40)	13.15 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)																																																										
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Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)																																																										
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4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										

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	0.177	0.186	0.186	0.187	2.5	PASS
TX-ANH	FM	CH _M	-15	0.294	0.296	0.281	0.291	2.5	PASS
TX-ANH	FM	CH _M	-10	0.481	0.497	0.482	0.493	2.5	PASS
TX-ANH	FM	CH _M	-5	0.840	0.798	0.821	0.838	2.5	PASS
TX-ANH	FM	CH _M	0	1.449	1.509	1.426	1.457	2.5	PASS
TX-ANH	FM	CH _M	5	2.241	2.235	2.208	2.271	2.5	PASS
TX-ANH	FM	CH _M	10	2.234	2.242	2.196	2.278	2.5	PASS
TX-ANH	FM	CH _M	15	2.253	2.233	2.205	2.263	2.5	PASS
TX-ANH	FM	CH _M	20	2.302	2.251	2.201	2.266	2.5	PASS

Appendix D:Modulation Limit

TEST PLOT RESULT

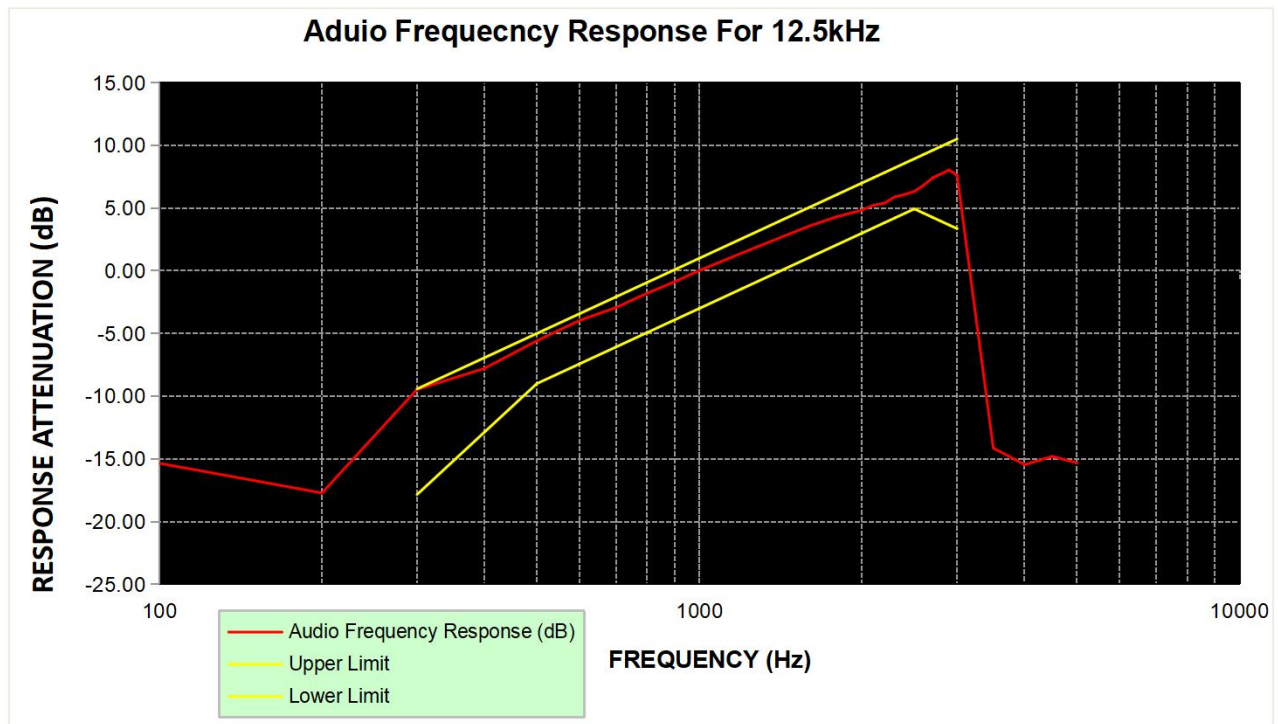


Appendix E:Audio Frequency Response

Operation Mode	Modulation Type	Test Channel	Frequency (Hz)	Audio Frequency Response (dB)	Lower Limit	Upper Limit	Result
TX-ANH	FM	CH _M	100	-15.36			PASS
TX-ANH	FM	CH _M	200	-17.72			PASS
TX-ANH	FM	CH _M	300	-9.47	-17.84	-9.42	PASS
TX-ANH	FM	CH _M	400	-7.79	-12.86	-6.93	PASS
TX-ANH	FM	CH _M	500	-5.59	-9.00	-5.00	PASS
TX-ANH	FM	CH _M	600	-3.96	-7.42	-3.42	PASS
TX-ANH	FM	CH _M	700	-2.94	-6.09	-2.09	PASS
TX-ANH	FM	CH _M	800	-1.79	-4.93	-0.93	PASS
TX-ANH	FM	CH _M	900	-0.88	-3.91	0.09	PASS
TX-ANH	FM	CH _M	1000	0.03	-3.00	1.00	PASS
TX-ANH	FM	CH _M	1200	1.42	-1.42	2.58	PASS
TX-ANH	FM	CH _M	1400	2.58	-0.09	3.91	PASS
TX-ANH	FM	CH _M	1600	3.58	1.07	5.07	PASS
TX-ANH	FM	CH _M	1800	4.32	2.09	6.09	PASS
TX-ANH	FM	CH _M	2000	4.83	3.00	7.00	PASS
TX-ANH	FM	CH _M	2100	5.23	3.42	7.42	PASS
TX-ANH	FM	CH _M	2200	5.39	3.83	7.83	PASS
TX-ANH	FM	CH _M	2300	5.89	4.21	8.21	PASS
TX-ANH	FM	CH _M	2400	6.09	4.58	8.58	PASS
TX-ANH	FM	CH _M	2500	6.33	4.93	8.93	PASS
TX-ANH	FM	CH _M	2600	6.81	4.59	9.27	PASS
TX-ANH	FM	CH _M	2700	7.40	4.27	9.60	PASS
TX-ANH	FM	CH _M	2800	7.72	3.95	9.91	PASS
TX-ANH	FM	CH _M	2900	8.03	3.65	10.22	PASS
TX-ANH	FM	CH _M	3000	7.60	3.35	10.51	PASS
TX-ANH	FM	CH _M	3500	-14.13			PASS
TX-ANH	FM	CH _M	4000	-15.47			PASS
TX-ANH	FM	CH _M	4500	-14.80			PASS
TX-ANH	FM	CH _M	5000	-15.32			PASS

Appendix E:Audio Frequency Response

TEST PLOT RESULT



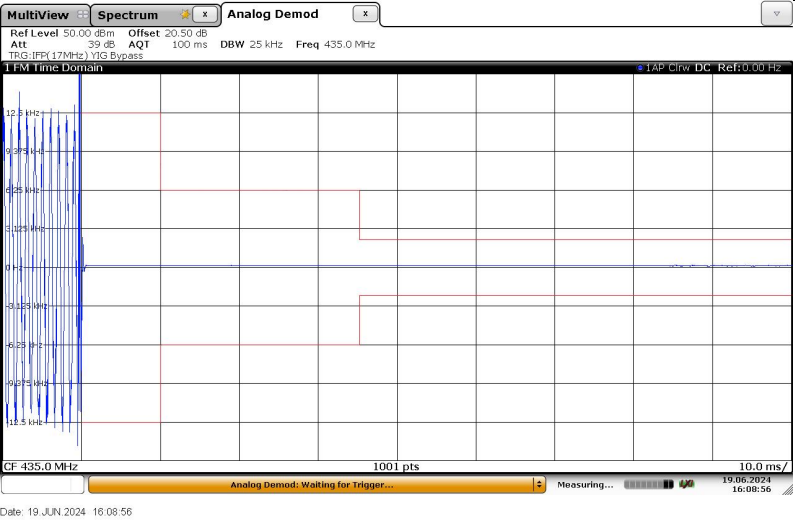
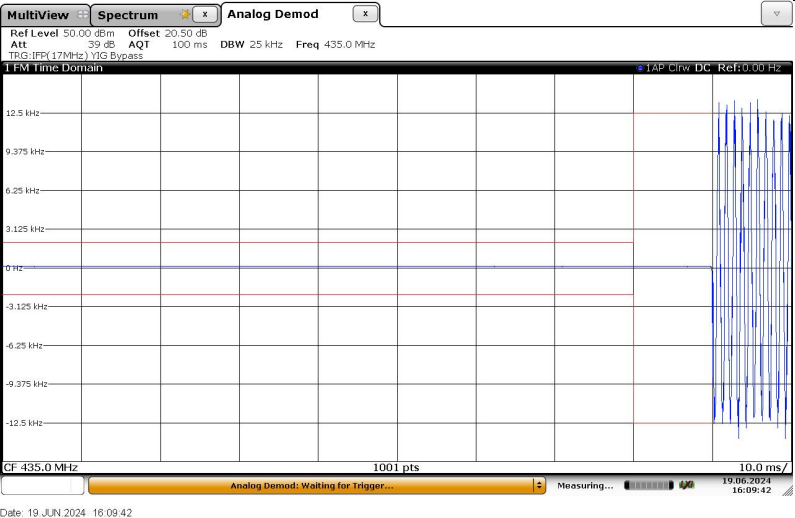
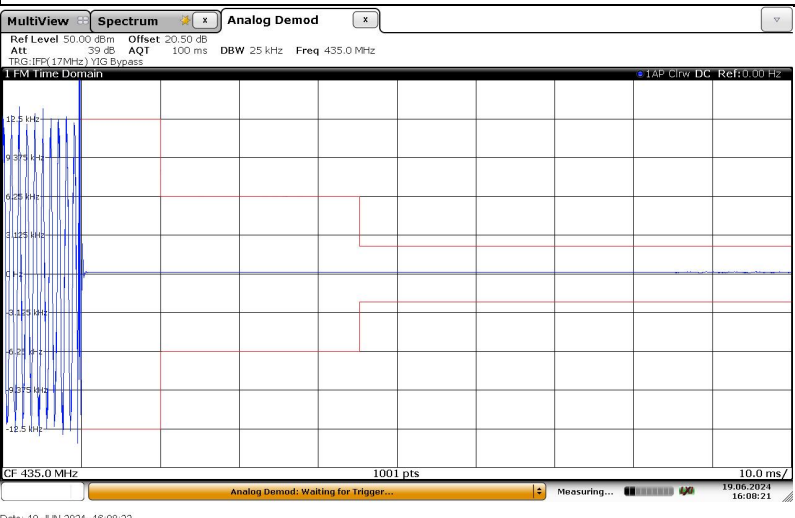
Appendix F:Frequency Stability Test & Temperature

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	0.065	0.047	0.059	±5.0	PASS
TX-DNH	4FSK	V _N	-20	0.069	0.044	0.062	±5.0	PASS
TX-DNH	4FSK	V _N	-10	0.069	0.046	0.063	±5.0	PASS
TX-DNH	4FSK	V _N	0	0.068	0.046	0.064	±5.0	PASS
TX-DNH	4FSK	V _N	10	0.064	0.045	0.061	±5.0	PASS
TX-DNH	4FSK	V _N	20	0.063	0.043	0.058	±5.0	PASS
TX-DNH	4FSK	V _N	30	0.069	0.045	0.059	±5.0	PASS
TX-DNH	4FSK	V _N	40	0.068	0.047	0.060	±5.0	PASS
TX-DNH	4FSK	V _N	50	0.065	0.046	0.061	±5.0	PASS
TX-DNL	4FSK	V _N	-30	0.028	0.372	0.031	±5.0	PASS
TX-DNL	4FSK	V _N	-20	0.028	0.352	0.032	±5.0	PASS
TX-DNL	4FSK	V _N	-10	0.026	0.366	0.034	±5.0	PASS
TX-DNL	4FSK	V _N	0	0.027	0.342	0.034	±5.0	PASS
TX-DNL	4FSK	V _N	10	0.027	0.360	0.032	±5.0	PASS
TX-DNL	4FSK	V _N	20	0.026	0.339	0.031	±5.0	PASS
TX-DNL	4FSK	V _N	30	0.028	0.364	0.031	±5.0	PASS
TX-DNL	4FSK	V _N	40	0.028	0.361	0.033	±5.0	PASS
TX-DNL	4FSK	V _N	50	0.026	0.355	0.032	±5.0	PASS
TX-ANH	FM	V _N	-30	0.035	0.350	0.044	±5.0	PASS
TX-ANH	FM	V _N	-20	0.036	0.338	0.044	±5.0	PASS
TX-ANH	FM	V _N	-10	0.036	0.354	0.042	±5.0	PASS
TX-ANH	FM	V _N	0	0.034	0.350	0.045	±5.0	PASS
TX-ANH	FM	V _N	10	0.036	0.333	0.041	±5.0	PASS
TX-ANH	FM	V _N	20	0.033	0.323	0.041	±5.0	PASS
TX-ANH	FM	V _N	30	0.035	0.330	0.044	±5.0	PASS
TX-ANH	FM	V _N	40	0.035	0.345	0.043	±5.0	PASS
TX-ANH	FM	V _N	50	0.034	0.348	0.045	±5.0	PASS
TX-ANL	FM	V _N	-30	0.077	0.074	0.070	±5.0	PASS
TX-ANL	FM	V _N	-20	0.071	0.077	0.070	±5.0	PASS
TX-ANL	FM	V _N	-10	0.071	0.079	0.067	±5.0	PASS
TX-ANL	FM	V _N	0	0.072	0.073	0.071	±5.0	PASS
TX-ANL	FM	V _N	10	0.071	0.074	0.066	±5.0	PASS
TX-ANL	FM	V _N	20	0.071	0.072	0.065	±5.0	PASS
TX-ANL	FM	V _N	30	0.077	0.078	0.069	±5.0	PASS
TX-ANL	FM	V _N	40	0.075	0.072	0.067	±5.0	PASS
TX-ANL	FM	V _N	50	0.075	0.074	0.070	±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	0.063	0.043	0.058	±5.0	PASS
TX-DNH	4FSK	V _L	T _N	0.064	0.044	0.059	±5.0	PASS
TX-DNH	4FSK	V _H	T _N	0.065	0.044	0.061	±5.0	PASS
TX-DNL	4FSK	V _N	T _N	0.026	0.339	0.031	±5.0	PASS
TX-DNL	4FSK	V _L	T _N	0.026	0.345	0.031	±5.0	PASS
TX-DNL	4FSK	V _H	T _N	0.027	0.357	0.032	±5.0	PASS
TX-ANH	FM	V _N	T _N	0.033	0.323	0.041	±5.0	PASS
TX-ANH	FM	V _L	T _N	0.033	0.324	0.042	±5.0	PASS
TX-ANH	FM	V _H	T _N	0.033	0.340	0.041	±5.0	PASS
TX-ANL	FM	V _N	T _N	0.071	0.072	0.065	±5.0	PASS
TX-ANL	FM	V _L	T _N	0.071	0.072	0.066	±5.0	PASS
TX-ANL	FM	V _H	T _N	0.074	0.072	0.068	±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 435.0 MHz TRG:IFPX(17MHz) YIG Bypass 1 FM Time Domain CF 435.0 MHz 1001 pts 10.0 ms/ Analog Demod: Waiting for Trigger... Measuring... 19.06.2024 16:08:56 Date: 19 JUN 2024 16:08:56 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 435.0 MHz TRG:IFPX(17MHz) YIG Bypass 1 FM Time Domain CF 435.0 MHz 1001 pts 10.0 ms/ Analog Demod: Waiting for Trigger... Measuring... 19.06.2024 16:09:42 Date: 19 JUN 2024 16:09:42 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 435.0 MHz TRG:IFPX(17MHz) YIG Bypass 1 FM Time Domain CF 435.0 MHz 1001 pts 10.0 ms/ Analog Demod: Waiting for Trigger... Measuring... 19.06.2024 16:08:21 Date: 19 JUN 2024 16:08:22 OFF~ON

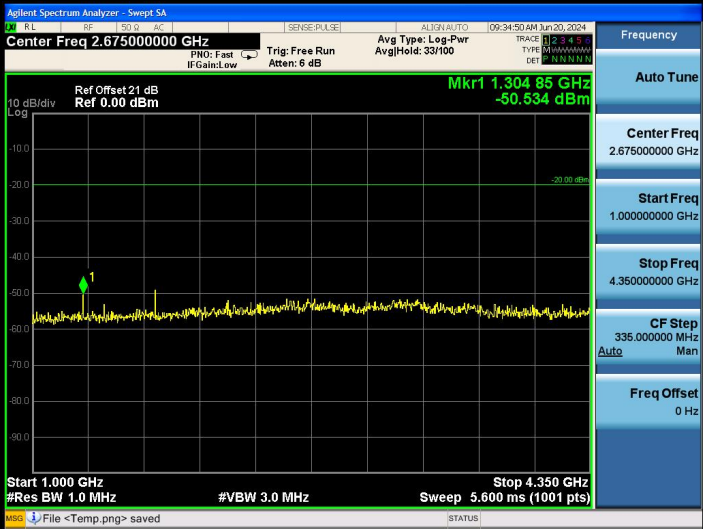
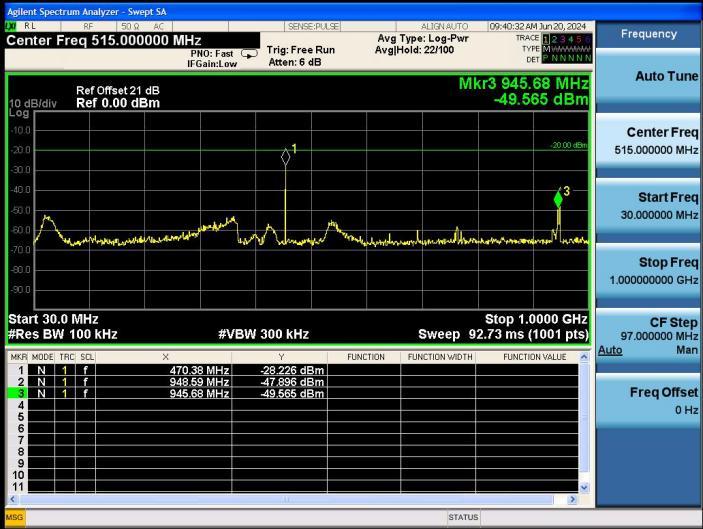
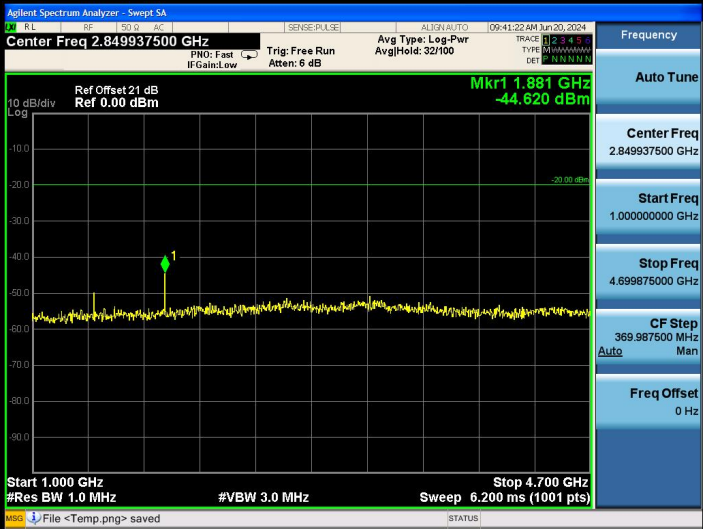
Appendix H:Transmitter Frequency Behavior

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 435.0 MHz Trig: (FEX 17MHz) 100 Bypass 1 FM Time Domain 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 435.0 MHz 1001 pts 10.0 ms Analog Demod. Waiting for Trigger... Measuring... 19.06.2024 16:09:26 Date: 19 JUN 2024 16:09:27 ON-OFF

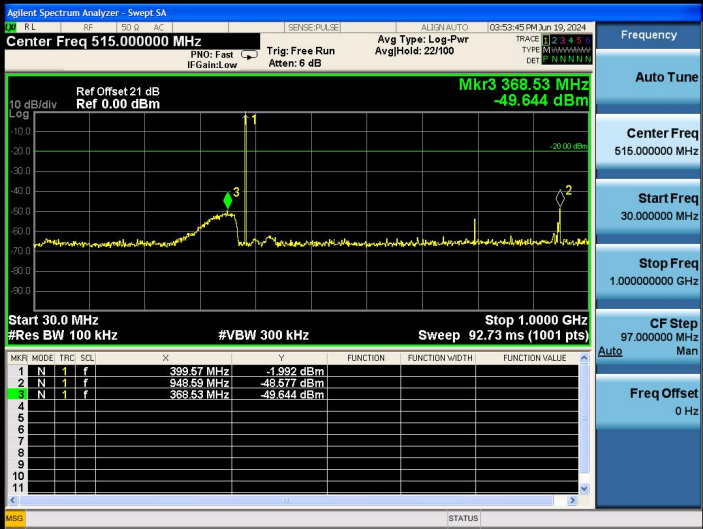
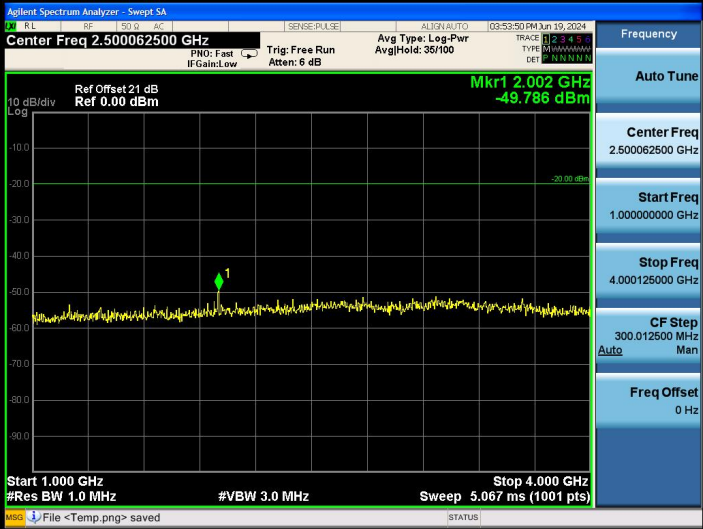
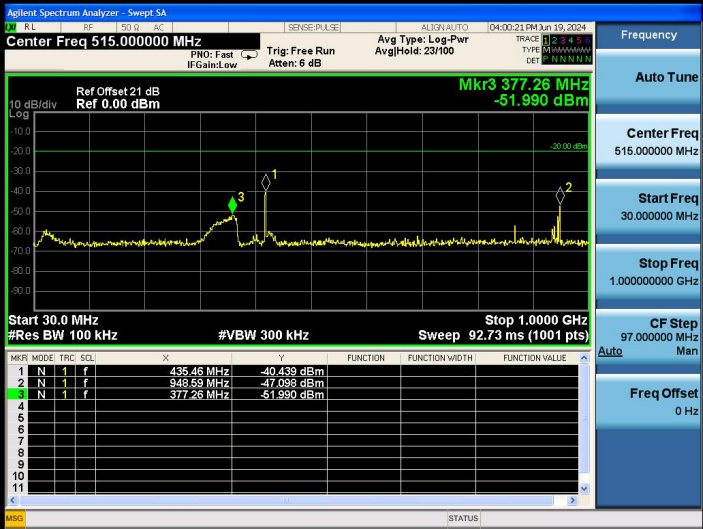
Appendix I:Spurious Emission On Antenna Port

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																																																																													
TX-DNH	4FSK	CHL	Agilent Spectrum Analyzer - Swept SA RL RF ISO AC SENSE-PULSE ALIST-AUTO 09:28:33 AM Jun 20, 2024 Center Freq 515.000000 MHz PHO: Fast IF Gain: Low Trig: Free Run Atten: 6 dB Avg Type: Log-Pwr Avg/Hold: 22/100 TRACE 1 2 3 4 5 TYPE M M M M M M M M DET N N N N N N N N Ref Offset 21 dB Ref 0.00 dBm Mkr3 800.18 MHz -54.141 dBm 10 dB/div Log -10.0 -20.0 -30.0 -40.0 -50.0 -60.0 -70.0 -80.0 -90.0 Start 30.0 MHz #Res BW 100 kHz #VBW 300 kHz Stop 1.0000 GHz Sweep 92.73 ms (1001 pts) <table><tr><th>MKR</th><th>MODE</th><th>TRC</th><th>SOL</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>399.57 MHz</td><td>-1.904 dBm</td><td></td><td></td><td></td></tr><tr><td>2</td><td>N</td><td>1</td><td>f</td><td>365.62 MHz</td><td>-50.613 dBm</td><td></td><td></td><td></td></tr><tr><td>3</td><td>N</td><td>1</td><td>f</td><td>800.18 MHz</td><td>-54.141 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> NSG 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	MKR	MODE	TRC	SOL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	399.57 MHz	-1.904 dBm				2	N	1	f	365.62 MHz	-50.613 dBm				3	N	1	f	800.18 MHz	-54.141 dBm				4									5									6									7									8									9									10									11									Agilent Spectrum Analyzer - Swept SA RL RF ISO AC SENSE-PULSE ALIST-AUTO 09:28:39 AM Jun 20, 2024 Center Freq 2.500062500 GHz PHO: Fast IF Gain: Low Trig: Free Run Atten: 6 dB Avg Type: Log-Pwr Avg/Hold: 35/100 TRACE 1 2 3 4 5 TYPE M M M M M M M M DET N N N N N N N N Ref Offset 21 dB Ref 0.00 dBm Mkr1 2.002 GHz -50.403 dBm 10 dB/div Log -10.0 -20.0 -30.0 -40.0 -50.0 -60.0 -70.0 -80.0 -90.0 Start 1.000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Stop 4.000 GHz Sweep 5.067 ms (1001 pts) File <Temp.png> saved STATUS Frequency Auto Tune Center Freq 2.500062500 GHz Start Freq 1.000000000 GHz Stop Freq 4.000125000 GHz CF Step 300.012500 MHz Auto Man Freq Offset 0 Hz 1GHz~10th Harmonic
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TX-DNH	4FSK	CHM	Agilent Spectrum Analyzer - Swept SA RL RF ISO AC SENSE-PULSE ALIST-AUTO 09:34:44 AM Jun 20, 2024 Center Freq 515.000000 MHz PHO: Fast IF Gain: Low Trig: Free Run Atten: 6 dB Avg Type: Log-Pwr Avg/Hold: 22/100 TRACE 1 2 3 4 5 TYPE M M M M M M M M DET N N N N N N N N Ref Offset 21 dB Ref 0.00 dBm Mkr3 870.02 MHz -57.909 dBm 10 dB/div Log -10.0 -20.0 -30.0 -40.0 -50.0 -60.0 -70.0 -80.0 -90.0 Start 30.0 MHz #Res BW 100 kHz #VBW 300 kHz Stop 1.0000 GHz Sweep 92.73 ms (1001 pts) <table><tr><th>MKR</th><th>MODE</th><th>TRC</th><th>SOL</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>435.46 MHz</td><td>-38.308 dBm</td><td></td><td></td><td></td></tr><tr><td>2</td><td>N</td><td>1</td><td>f</td><td>371.44 MHz</td><td>-51.705 dBm</td><td></td><td></td><td></td></tr><tr><td>3</td><td>N</td><td>1</td><td>f</td><td>870.02 MHz</td><td>-57.909 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> NSG 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	MKR	MODE	TRC	SOL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	435.46 MHz	-38.308 dBm				2	N	1	f	371.44 MHz	-51.705 dBm				3	N	1	f	870.02 MHz	-57.909 dBm				4									5									6									7									8									9									10									11									
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Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-DNH	4FSK	CH _M	 1GHz~10th Harmonic
TX-DNH	4FSK	CH _H	 30MHz~1GHz
TX-DNH	4FSK	CH _H	 1GHz~10th Harmonic

Appendix I:Spurious Emission On Antenna Port

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-ANH	FM	CHL	 30MHz~1GHz
TX-ANH	FM	CHL	 1GHz~10th Harmonic
TX-ANH	FM	CH _M	 30MHz~1GHz

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Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-ANH	FM	CH _M	Agilent Spectrum Analyzer - Swept SA Center Freq 2.675000000 GHz Ref Offset 21 dB Ref 0.00 dBm Mkr1 1.740 35 GHz -48.733 dBm Start 1.000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 5.600 ms (1001 pts) File <Temp.png> saved Frequency Auto Tune Center Freq 2.675000000 GHz Start Freq 1.000000000 GHz Stop Freq 4.350000000 GHz CF Step 335.000000 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 944.71 MHz -45.807 dBm Start 30.0 MHz #Res BW 100 kHz #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 2.849937500 GHz Ref Offset 21 dB Ref 0.00 dBm Mkr1 1.881 GHz -44.204 dBm Start 1.000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 6.200 ms (1001 pts) File <Temp.png> saved Frequency Auto Tune Center Freq 2.849937500 GHz Start Freq 1.000000000 GHz Stop Freq 4.699875000 GHz CF Step 369.987500 MHz Auto Man Freq Offset 0 Hz 1GHz~10th Harmonic

----End of Report----