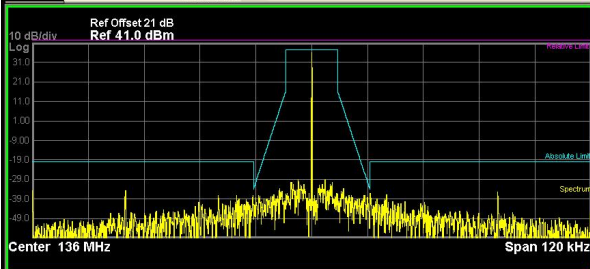
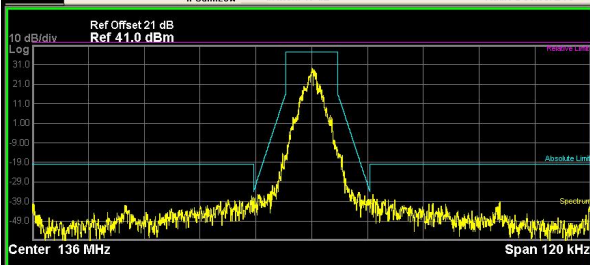
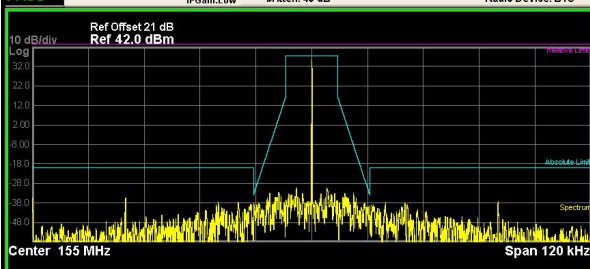
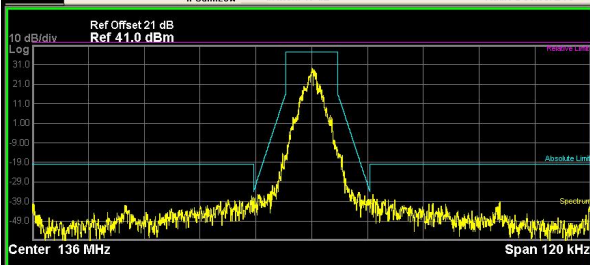
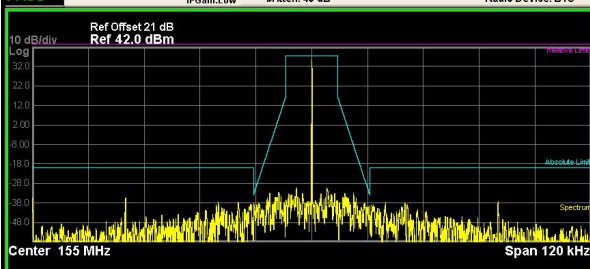
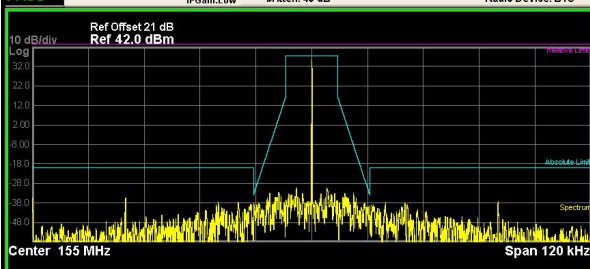
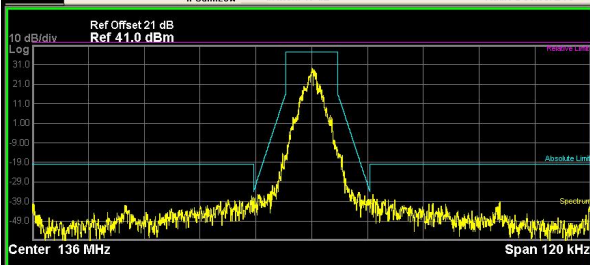
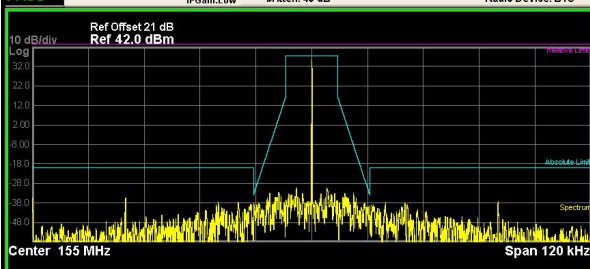
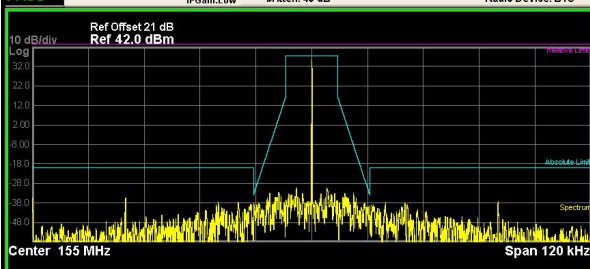
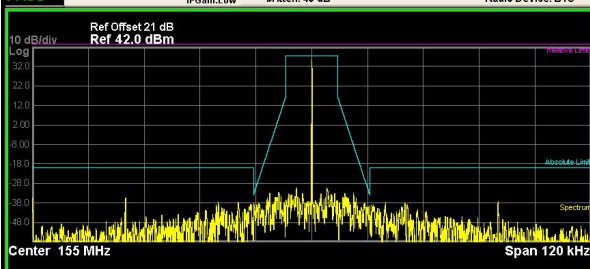


Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																																																																																																																																																																					
TX-DNL	4FSK	CH _L	Agilent Spectrum Analyzer - Spectrum Emission Mask RLRF150QACSENSE-PULSEALIGN-AUTO03:10:14 PM J130, 2024 Center Freq 136.012500 MHzCenter Freq: 136.012500 MHzRadio Std: None PASSIF Gain: low#Atten: 40 dBRadio Device: BTS Ref Offset 21 dB Ref 41.0 dBm  Center 136 MHzSpan 120 kHz Total Power Ref 36.00 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 > 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>33.71</td><td>(-3.76)</td><td>0.0</td><td>35.93</td><td>(-1.53)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-41.73</td><td>(-7.76)</td><td>-12.50 k</td><td>-38.22</td><td>(-7.15)</td><td>12.10 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-34.58</td><td>(-14.58)</td><td>-59.95 k</td><td>-35.49</td><td>(-15.49)</td><td>40.05 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></tbody></table> MSOFile <MASK D.state> recalledSTATUS Frequency Center Freq 136.012500 MHz CF Step 12.000 kHz AutoMan Freq Offset 0 Hz <tr><td>TX-DNL</td><td>4FSK</td><td>CH_L</td><td> Agilent Spectrum Analyzer - 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Spectrum Emission Mask RLRF150QACSENSE-PULSEALIGN-AUTO03:13:09 PM J130, 2024 Center Freq 155.0000000 MHzCenter Freq: 155.0000000 MHzRadio Std: None PASSIF Gain: low#Atten: 40 dBRadio Device: BTS Ref Offset 21 dB Ref 42.0 dBm  Center 155 MHzSpan 120 kHz Total Power Ref 35.63 dBm @ 0.0125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>30.92</td><td>(-6.58)</td><td>0.0</td><td>35.41</td><td>(-2.09)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-38.29</td><td>(-5.08)</td><td>-12.40 k</td><td>-39.25</td><td>(-5.31)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-35.38</td><td>(-15.38)</td><td>-59.90 k</td><td>-37.17</td><td>(-17.17)</td><td>40.10 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> MSOFile <MASK D.state> recalledSTATUS Frequency Center Freq 155.000000 MHz CF Step 12.000 kHz AutoMan Freq Offset 0 Hz </td></tr>	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	27.24	(-10.22)	-100.0	29.47	(-7.99)	100.0	5.625 kHz	12.50 kHz	100.0 Hz	-36.65	(-3.04)	-12.45 k	-38.64	(-4.67)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-35.94	(-15.94)	-12.75 k	-35.47	(-15.47)	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	—	(—)	—	—	(—)	—	TX-DNL	4FSK	CH _M	Agilent Spectrum Analyzer - Spectrum Emission Mask RLRF150QACSENSE-PULSEALIGN-AUTO03:13:09 PM J130, 2024 Center Freq 155.0000000 MHzCenter Freq: 155.0000000 MHzRadio Std: None PASSIF Gain: low#Atten: 40 dBRadio Device: BTS Ref Offset 21 dB Ref 42.0 dBm  Center 155 MHzSpan 120 kHz Total Power Ref 35.63 dBm @ 0.0125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>30.92</td><td>(-6.58)</td><td>0.0</td><td>35.41</td><td>(-2.09)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-38.29</td><td>(-5.08)</td><td>-12.40 k</td><td>-39.25</td><td>(-5.31)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-35.38</td><td>(-15.38)</td><td>-59.90 k</td><td>-37.17</td><td>(-17.17)</td><td>40.10 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> MSOFile <MASK D.state> recalledSTATUS Frequency Center Freq 155.000000 MHz CF Step 12.000 kHz AutoMan Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	30.92	(-6.58)	0.0	35.41	(-2.09)	50.00	5.625 kHz	12.50 kHz	100.0 Hz	-38.29	(-5.08)	-12.40 k	-39.25	(-5.31)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-35.38	(-15.38)	-59.90 k	-37.17	(-17.17)	40.10 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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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 Ω AC SENSE: PULSE ALIGN: AUTO 03:13:48 PM J130, 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 Radio Device: BTS Ref Offset 21 dB Ref 42.0 dBm 10 dB/div Log 31.0 21.0 11.0 1.00 0.00 -9.00 -19.00 -29.00 -39.00 -49.00 Center 155 MHz Span 120 kHz Total Power Ref 38.33 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>24.55</td><td>(-12.95)</td><td>-450.0</td><td>30.34</td><td>(-7.16)</td><td>250.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-39.58</td><td>(-5.64)</td><td>-12.50 k</td><td>-37.91</td><td>(-4.70)</td><td>12.40 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-36.44</td><td>(-16.44)</td><td>-14.35 k</td><td>-37.32</td><td>(-17.32)</td><td>13.85 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><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> MSO File <Temp.png> saved STATUS Frequency Center Freq 155.000000 MHz CF Step 12.000 kHz Auto Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	24.55	(-12.95)	-450.0	30.34	(-7.16)	250.0	5.625 kHz	12.50 kHz	100.0 Hz	-39.58	(-5.64)	-12.50 k	-37.91	(-4.70)	12.40 k	12.50 kHz	60.00 kHz	100.0 Hz	-36.44	(-16.44)	-14.35 k	-37.32	(-17.32)	13.85 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
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TX-DNL	4FSK	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50 Ω AC SENSE: PULSE ALIGN: AUTO 03:15:10 PM J130, 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 Radio Device: BTS Ref Offset 21 dB Ref 41.0 dBm 10 dB/div Log 31.0 21.0 11.0 1.00 0.00 -9.00 -19.00 -29.00 -39.00 -49.00 Center 174 MHz Span 120 kHz Total Power Ref 35.38 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>27.42</td><td>(-9.87)</td><td>0.0</td><td>35.22</td><td>(-2.07)</td><td>100.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-40.16</td><td>(-7.11)</td><td>-12.35 k</td><td>-40.15</td><td>(-6.00)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-36.43</td><td>(-16.43)</td><td>-59.90 k</td><td>-37.31</td><td>(-17.31)</td><td>40.10 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> MSO File <MASK D.state> recalled STATUS Frequency Center Freq 173.987500 MHz CF Step 12.000 kHz Auto Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	27.42	(-9.87)	0.0	35.22	(-2.07)	100.0	5.625 kHz	12.50 kHz	100.0 Hz	-40.16	(-7.11)	-12.35 k	-40.15	(-6.00)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-36.43	(-16.43)	-59.90 k	-37.31	(-17.31)	40.10 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-DNL	4FSK	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50 Ω AC SENSE: PULSE ALIGN: AUTO 03:16:48 PM J130, 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 Radio Device: BTS Ref Offset 21 dB Ref 41.0 dBm 10 dB/div Log 31.0 21.0 11.0 1.00 0.00 -9.00 -19.00 -29.00 -39.00 -49.00 Center 174 MHz Span 120 kHz Total Power Ref 38.38 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>26.42</td><td>(-10.88)</td><td>-200.0</td><td>30.30</td><td>(-7.00)</td><td>450.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-39.18</td><td>(-5.39)</td><td>-12.45 k</td><td>-41.33</td><td>(-7.19)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-37.16</td><td>(-17.16)</td><td>-12.50 k</td><td>-37.22</td><td>(-17.22)</td><td>16.70 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> MSO File <Temp.png> saved STATUS Frequency Center Freq 173.987500 MHz CF Step 12.000 kHz Auto Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	26.42	(-10.88)	-200.0	30.30	(-7.00)	450.0	5.625 kHz	12.50 kHz	100.0 Hz	-39.18	(-5.39)	-12.45 k	-41.33	(-7.19)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-37.16	(-17.16)	-12.50 k	-37.22	(-17.22)	16.70 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)																																																										
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Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																															
TX-ANH	FM	CH _L	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50 Ω AC SENSE: PULSE ALIGN: AUTO 02:53:10 PM J130, 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 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 136 MHz Span 120 kHz Spectrum Total Power Ref 46.35 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>44.77</td><td>(-2.94)</td><td>0.0</td><td>46.34</td><td>(-1.37)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-27.54</td><td>(-7.09)</td><td>-12.05 k</td><td>-27.56</td><td>(-6.37)</td><td>12.15 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-27.75</td><td>(-7.75)</td><td>-12.55 k</td><td>-27.78</td><td>(-7.78)</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></tbody></table> MSO: 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	44.77	(-2.94)	0.0	46.34	(-1.37)	50.00	5.625 kHz	12.50 kHz	100.0 Hz	-27.54	(-7.09)	-12.05 k	-27.56	(-6.37)	12.15 k	12.50 kHz	60.00 kHz	100.0 Hz	-27.75	(-7.75)	-12.55 k	-27.78	(-7.78)	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	—	(—)	—	—	(—)	—
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	—	(—)	—	—	(—)	—																																																										
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12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
TX-ANH	FM	CH _L	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50 Ω AC SENSE: PULSE ALIGN: AUTO 02:53:32 PM J130, 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 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 136 MHz Span 120 kHz Spectrum Total Power Ref 46.36 dBm 0.0125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>43.38</td><td>(-4.33)</td><td>0.0</td><td>45.06</td><td>(-2.65)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-26.61</td><td>(-3.25)</td><td>-12.45 k</td><td>-24.34</td><td>(-1.34)</td><td>12.40 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-24.53</td><td>(-4.53)</td><td>-12.60 k</td><td>-26.49</td><td>(-6.49)</td><td>13.40 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> MSO: 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	43.38	(-4.33)	0.0	45.06	(-2.65)	50.00	5.625 kHz	12.50 kHz	100.0 Hz	-26.61	(-3.25)	-12.45 k	-24.34	(-1.34)	12.40 k	12.50 kHz	60.00 kHz	100.0 Hz	-24.53	(-4.53)	-12.60 k	-26.49	(-6.49)	13.40 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)																																																										
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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 50 Ω AC SENSE: PULSE ALIGN: AUTO 02:56:04 PM J130, 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 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 155 MHz Span 120 kHz Spectrum Total Power Ref 46.44 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>41.79</td><td>(-5.82)</td><td>0.0</td><td>46.22</td><td>(-1.39)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-28.18</td><td>(-6.17)</td><td>-12.25 k</td><td>-28.25</td><td>(-5.16)</td><td>12.40 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-27.05</td><td>(-7.05)</td><td>-16.05 k</td><td>-26.85</td><td>(-6.85)</td><td>16.20 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> MSO: 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	41.79	(-5.82)	0.0	46.22	(-1.39)	50.00	5.625 kHz	12.50 kHz	100.0 Hz	-28.18	(-6.17)	-12.25 k	-28.25	(-5.16)	12.40 k	12.50 kHz	60.00 kHz	100.0 Hz	-27.05	(-7.05)	-16.05 k	-26.85	(-6.85)	16.20 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)																																																										
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Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																															
TX-ANH	FM	CH _M	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 150.0 AC SENSE: PULSE ALIGN: AUTO 02:56:25 PM J130, 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 52.0 dBm 10 dB/div Log 42.0 32.0 22.0 12.0 2.00 0.00 18.0 28.0 38.0 Spectrum Center 155 MHz Span 120 kHz Total Power Ref 46.45 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>40.66</td><td>(-6.95)</td><td>0.0</td><td>45.13</td><td>(-2.48)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-24.48</td><td>(-2.47)</td><td>-12.25 k</td><td>-27.10</td><td>(-3.27)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-24.90</td><td>(-4.90)</td><td>-17.35 k</td><td>-26.77</td><td>(-6.77)</td><td>16.00 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><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> MSO File <Temp.png> saved STATUS Frequency Center Freq 155.00000 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	40.66	(-6.95)	0.0	45.13	(-2.48)	50.00	5.625 kHz	12.50 kHz	100.0 Hz	-24.48	(-2.47)	-12.25 k	-27.10	(-3.27)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-24.90	(-4.90)	-17.35 k	-26.77	(-6.77)	16.00 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
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TX-ANH	FM	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 173.98750 AC SENSE: PULSE ALIGN: AUTO 02:59:48 PM J130, 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 52.0 dBm 10 dB/div Log 42.0 32.0 22.0 12.0 2.00 0.00 18.0 28.0 38.0 Spectrum Center 174 MHz Span 120 kHz Total Power Ref 46.31 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>38.77</td><td>(-8.81)</td><td>0.0</td><td>46.13</td><td>(-1.46)</td><td>100.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-29.35</td><td>(-8.40)</td><td>-12.10 k</td><td>-29.66</td><td>(-7.26)</td><td>12.30 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-27.77</td><td>(-7.77)</td><td>-13.70 k</td><td>-27.66</td><td>(-7.66)</td><td>13.90 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></table> MSO File <MASK D.state> recalled STATUS Frequency Center Freq 173.987500 MHz CF Step 12.000 kHz Auto Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	38.77	(-8.81)	0.0	46.13	(-1.46)	100.0	5.625 kHz	12.50 kHz	100.0 Hz	-29.35	(-8.40)	-12.10 k	-29.66	(-7.26)	12.30 k	12.50 kHz	60.00 kHz	100.0 Hz	-27.77	(-7.77)	-13.70 k	-27.66	(-7.66)	13.90 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
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5.625 kHz	12.50 kHz	100.0 Hz	-29.35	(-8.40)	-12.10 k	-29.66	(-7.26)	12.30 k																																																										
12.50 kHz	60.00 kHz	100.0 Hz	-27.77	(-7.77)	-13.70 k	-27.66	(-7.66)	13.90 k																																																										
4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
TX-ANH	FM	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 173.98750 AC SENSE: PULSE ALIGN: AUTO 03:00:09 PM J130, 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 52.0 dBm 10 dB/div Log 42.0 32.0 22.0 12.0 2.00 0.00 18.0 28.0 38.0 Spectrum Center 174 MHz Span 120 kHz Total Power Ref 46.32 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>37.80</td><td>(-9.78)</td><td>-2.400 k</td><td>44.54</td><td>(-3.05)</td><td>100.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-26.86</td><td>(-3.37)</td><td>-12.45 k</td><td>-23.40</td><td>(-2.45)</td><td>12.10 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-26.35</td><td>(-6.35)</td><td>-12.90 k</td><td>-24.85</td><td>(-4.85)</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></table> MSO File <Temp.png> saved STATUS Frequency Center Freq 173.987500 MHz CF Step 12.000 kHz Auto Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	37.80	(-9.78)	-2.400 k	44.54	(-3.05)	100.0	5.625 kHz	12.50 kHz	100.0 Hz	-26.86	(-3.37)	-12.45 k	-23.40	(-2.45)	12.10 k	12.50 kHz	60.00 kHz	100.0 Hz	-26.35	(-6.35)	-12.90 k	-24.85	(-4.85)	12.60 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)																																																										
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8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										

Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																															
TX-ANL	FM	CH _L	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 150 Q AC SENSE PULSE ALIGN AUTO 02:54:27 PM J130, 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 41.0 dBm 10 dB/div Log 31.0 21.0 11.0 1.00 0.00 -9.00 -19.0 -29.0 -39.0 -49.0 Center 136 MHz Span 120 kHz Total Power Ref 36.18 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>33.76</td><td>(-3.73)</td><td>0.0</td><td>36.10</td><td>(-1.40)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-42.15</td><td>(-9.30)</td><td>-12.35 k</td><td>-42.37</td><td>(-8.43)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-34.00</td><td>(-14.00)</td><td>-59.95 k</td><td>-34.55</td><td>(-14.55)</td><td>40.05 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></tbody></table> MSO 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	33.76	(-3.73)	0.0	36.10	(-1.40)	50.00	5.625 kHz	12.50 kHz	100.0 Hz	-42.15	(-9.30)	-12.35 k	-42.37	(-8.43)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-34.00	(-14.00)	-59.95 k	-34.55	(-14.55)	40.05 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	—	(—)	—	—	(—)	—
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	—	(—)	—	—	(—)	—																																																										
TX-ANL	FM	CH _L	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 150 Q AC SENSE PULSE ALIGN AUTO 02:54:49 PM J130, 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 41.0 dBm 10 dB/div Log 31.0 21.0 11.0 1.00 0.00 -9.00 -19.0 -29.0 -39.0 -49.0 Center 136 MHz Span 120 kHz Total Power Ref 36.19 dBm 0.0125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>32.45</td><td>(-5.05)</td><td>0.0</td><td>34.81</td><td>(-2.69)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-34.50</td><td>(-3.10)</td><td>-12.15 k</td><td>-36.41</td><td>(-3.55)</td><td>12.35 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-34.08</td><td>(-14.08)</td><td>-59.95 k</td><td>-35.24</td><td>(-15.24)</td><td>40.05 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></tbody></table> MSO 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	32.45	(-5.05)	0.0	34.81	(-2.69)	50.00	5.625 kHz	12.50 kHz	100.0 Hz	-34.50	(-3.10)	-12.15 k	-36.41	(-3.55)	12.35 k	12.50 kHz	60.00 kHz	100.0 Hz	-34.08	(-14.08)	-59.95 k	-35.24	(-15.24)	40.05 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	—	(—)	—	—	(—)	—
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	—	(—)	—	—	(—)	—																																																										
TX-ANL	FM	CH _M	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 150 Q AC SENSE PULSE ALIGN AUTO 02:58:41 PM J130, 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 42.0 dBm 10 dB/div Log 32.0 22.0 12.0 2.00 0.00 -9.00 -19.0 -29.0 -39.0 -49.0 Center 155 MHz Span 120 kHz Total Power Ref 36.75 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>31.14</td><td>(-6.45)</td><td>0.0</td><td>36.19</td><td>(-1.40)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-40.29</td><td>(-9.35)</td><td>-12.10 k</td><td>-39.90</td><td>(-7.87)</td><td>12.25 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-35.17</td><td>(-15.17)</td><td>-19.90 k</td><td>-35.15</td><td>(-15.15)</td><td>40.05 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></tbody></table> MSO 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	31.14	(-6.45)	0.0	36.19	(-1.40)	50.00	5.625 kHz	12.50 kHz	100.0 Hz	-40.29	(-9.35)	-12.10 k	-39.90	(-7.87)	12.25 k	12.50 kHz	60.00 kHz	100.0 Hz	-35.17	(-15.17)	-19.90 k	-35.15	(-15.15)	40.05 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	—	(—)	—	—	(—)	—
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

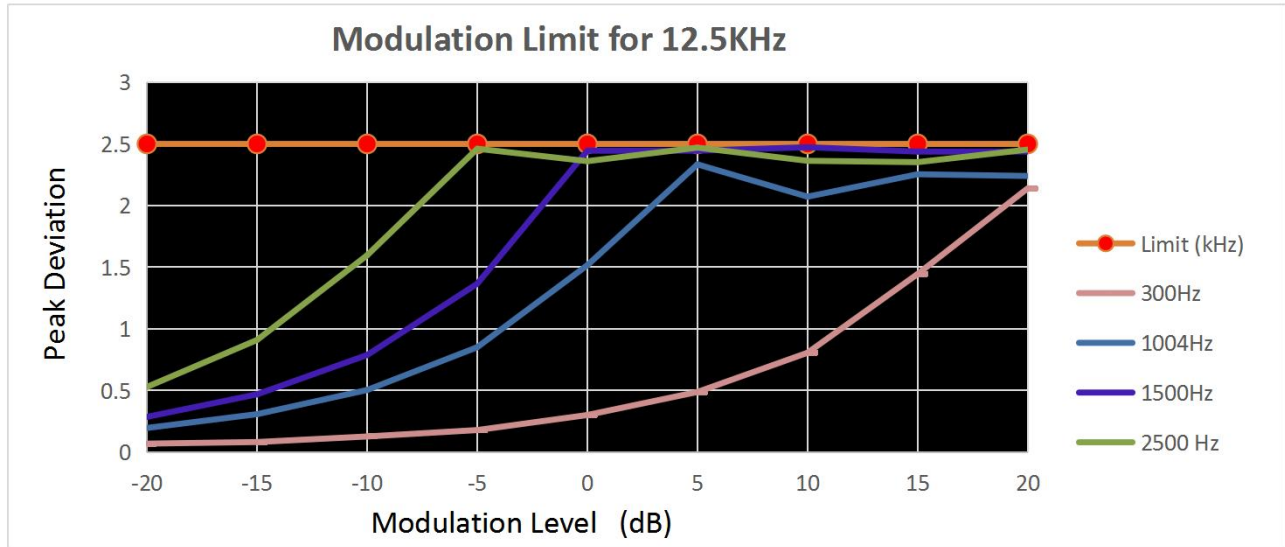
Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																															
TX-ANL	FM	CH _M	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 150.0 AC SENSE: PULSE ALIGN: AUTO 02:59:02 PM Jul 30, 2024 Center Freq 155.000000 MHz Center Freq: 155.000000 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run Avg: 100.00% of 10 Radio Device: BTS Ref Offset 21 dB Ref 42.0 dBm 10 dB/div Log 31.0 21.0 11.0 1.00 0.00 -9.00 -19.0 -29.0 -39.0 -49.0 Center 155 MHz Span 120 kHz Total Power Ref 36.69 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>30.07</td><td>(-7.52)</td><td>0.0</td><td>35.11</td><td>(-2.48)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-37.76</td><td>(-3.92)</td><td>-12.50 k</td><td>-37.57</td><td>(-4.44)</td><td>12.40 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-34.93</td><td>(-14.93)</td><td>-59.95 k</td><td>-34.98</td><td>(-14.98)</td><td>40.10 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> MSO File <Temp.png> saved STATUS Frequency Center Freq 155.000000 MHz CF Step 12.000 kHz Auto Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	30.07	(-7.52)	0.0	35.11	(-2.48)	50.00	5.625 kHz	12.50 kHz	100.0 Hz	-37.76	(-3.92)	-12.50 k	-37.57	(-4.44)	12.40 k	12.50 kHz	60.00 kHz	100.0 Hz	-34.93	(-14.93)	-59.95 k	-34.98	(-14.98)	40.10 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	—	(—)	—	—	(—)	—
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	—	(—)	—	—	(—)	—																																																										
TX-ANL	FM	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 173.987500 AC SENSE: PULSE ALIGN: AUTO 03:02:54 PM Jul 30, 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 Radio Device: BTS Ref Offset 21 dB Ref 41.0 dBm 10 dB/div Log 31.0 21.0 11.0 1.00 0.00 -9.00 -19.0 -29.0 -39.0 -49.0 Center 174 MHz Span 120 kHz Total Power Ref 35.96 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>28.00</td><td>(-9.35)</td><td>0.0</td><td>35.84</td><td>(-1.50)</td><td>100.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-38.56</td><td>(-4.47)</td><td>-12.50 k</td><td>-40.04</td><td>(-9.59)</td><td>12.00 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-36.51</td><td>(-16.51)</td><td>-59.90 k</td><td>-37.02</td><td>(-17.02)</td><td>40.10 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> MSO File <MASK D.state> recalled STATUS Frequency Center Freq 173.987500 MHz CF Step 12.000 kHz Auto Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	28.00	(-9.35)	0.0	35.84	(-1.50)	100.0	5.625 kHz	12.50 kHz	100.0 Hz	-38.56	(-4.47)	-12.50 k	-40.04	(-9.59)	12.00 k	12.50 kHz	60.00 kHz	100.0 Hz	-36.51	(-16.51)	-59.90 k	-37.02	(-17.02)	40.10 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	—	(—)	—	—	(—)	—
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	—	(—)	—	—	(—)	—																																																										
TX-ANL	FM	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 173.987500 AC SENSE: PULSE ALIGN: AUTO 03:03:16 PM Jul 30, 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 Radio Device: BTS Ref Offset 21 dB Ref 41.0 dBm 10 dB/div Log 31.0 21.0 11.0 1.00 0.00 -9.00 -19.0 -29.0 -39.0 -49.0 Center 174 MHz Span 120 kHz Total Power Ref 35.98 dBm 0.0125 MHz <table><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>27.48</td><td>(-9.87)</td><td>-2.400 k</td><td>34.27</td><td>(-3.08)</td><td>100.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-35.95</td><td>(-3.31)</td><td>-12.30 k</td><td>-36.84</td><td>(-3.12)</td><td>12.45 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-35.53</td><td>(-15.53)</td><td>-13.50 k</td><td>-35.88</td><td>(-15.88)</td><td>12.95 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></table> MSO File <Temp.png> saved STATUS Frequency Center Freq 173.987500 MHz CF Step 12.000 kHz Auto Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	27.48	(-9.87)	-2.400 k	34.27	(-3.08)	100.0	5.625 kHz	12.50 kHz	100.0 Hz	-35.95	(-3.31)	-12.30 k	-36.84	(-3.12)	12.45 k	12.50 kHz	60.00 kHz	100.0 Hz	-35.53	(-15.53)	-13.50 k	-35.88	(-15.88)	12.95 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	—	(—)	—	—	(—)	—
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 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	0.069	0.196	0.286	0.529	2.5	PASS
TX-ANH	FM	CH _M	-15	0.082	0.308	0.469	0.910	2.5	PASS
TX-ANH	FM	CH _M	-10	0.127	0.504	0.788	1.597	2.5	PASS
TX-ANH	FM	CH _M	-5	0.179	0.851	1.366	2.461	2.5	PASS
TX-ANH	FM	CH _M	0	0.301	1.516	2.445	2.360	2.5	PASS
TX-ANH	FM	CH _M	5	0.488	2.334	2.445	2.470	2.5	PASS
TX-ANH	FM	CH _M	10	0.806	2.072	2.473	2.363	2.5	PASS
TX-ANH	FM	CH _M	15	1.445	2.254	2.438	2.352	2.5	PASS
TX-ANH	FM	CH _M	20	2.140	2.240	2.437	2.454	2.5	PASS

Appendix D:Modulation Limit

TEST PLOT RESULT

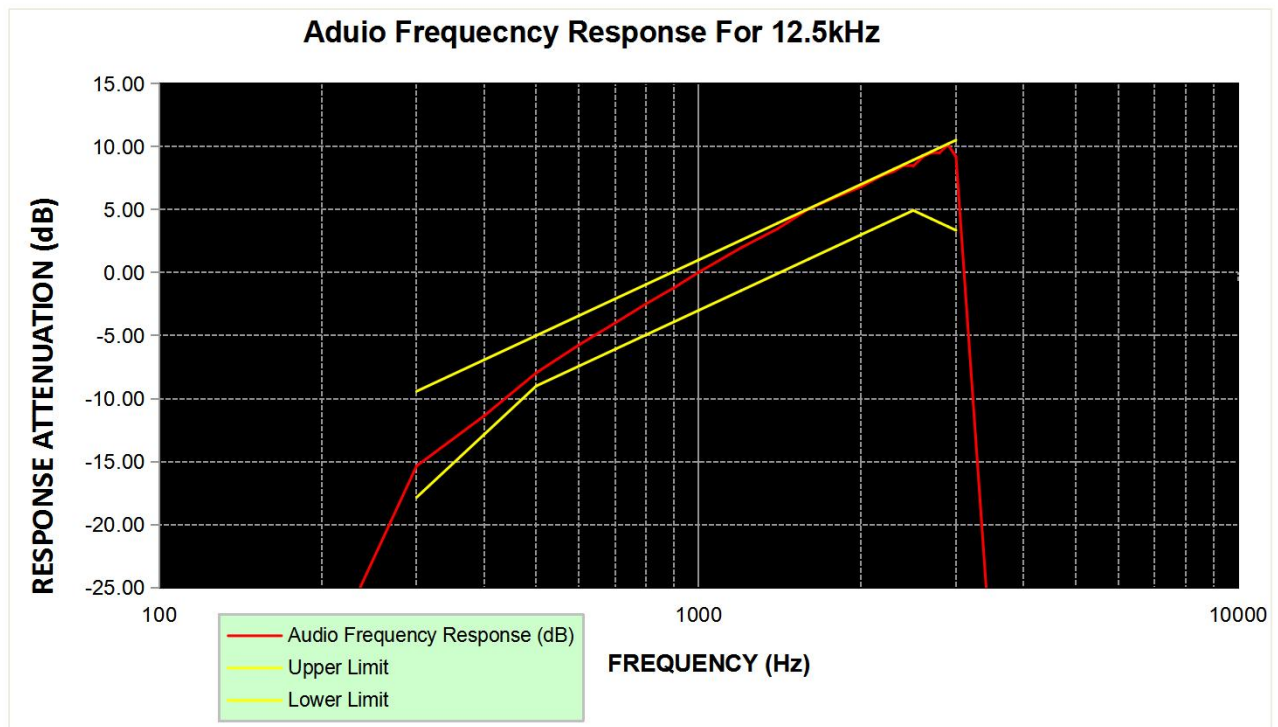


Appendix E:Audio Frequency Response

Operation Mode	Modulation Type	Test Channel	Frequency (Hz)	Audio Frequency Response (dB)	Lower Limit	Upper Limit	Result
TX-ANH	FM	CH _M	100	-31.77			PASS
TX-ANH	FM	CH _M	200	-31.59			PASS
TX-ANH	FM	CH _M	300	-15.35	-17.84	-9.42	PASS
TX-ANH	FM	CH _M	400	-11.38	-12.86	-6.93	PASS
TX-ANH	FM	CH _M	500	-7.96	-9.00	-5.00	PASS
TX-ANH	FM	CH _M	600	-5.74	-7.42	-3.42	PASS
TX-ANH	FM	CH _M	700	-4.00	-6.09	-2.09	PASS
TX-ANH	FM	CH _M	800	-2.47	-4.93	-0.93	PASS
TX-ANH	FM	CH _M	900	-1.21	-3.91	0.09	PASS
TX-ANH	FM	CH _M	1000	0.02	-3.00	1.00	PASS
TX-ANH	FM	CH _M	1200	1.98	-1.42	2.58	PASS
TX-ANH	FM	CH _M	1400	3.47	-0.09	3.91	PASS
TX-ANH	FM	CH _M	1600	5.05	1.07	5.07	PASS
TX-ANH	FM	CH _M	1800	6.00	2.09	6.09	PASS
TX-ANH	FM	CH _M	2000	6.81	3.00	7.00	PASS
TX-ANH	FM	CH _M	2100	7.30	3.42	7.42	PASS
TX-ANH	FM	CH _M	2200	7.75	3.83	7.83	PASS
TX-ANH	FM	CH _M	2300	8.02	4.21	8.21	PASS
TX-ANH	FM	CH _M	2400	8.49	4.58	8.58	PASS
TX-ANH	FM	CH _M	2500	8.44	4.93	8.93	PASS
TX-ANH	FM	CH _M	2600	9.16	4.59	9.27	PASS
TX-ANH	FM	CH _M	2700	9.51	4.27	9.60	PASS
TX-ANH	FM	CH _M	2800	9.53	3.95	9.91	PASS
TX-ANH	FM	CH _M	2900	10.14	3.65	10.22	PASS
TX-ANH	FM	CH _M	3000	9.19	3.35	10.51	PASS
TX-ANH	FM	CH _M	3500	-31.71			PASS
TX-ANH	FM	CH _M	4000	-31.65			PASS
TX-ANH	FM	CH _M	4500	-31.83			PASS
TX-ANH	FM	CH _M	5000	-31.83			PASS

Appendix E:Audio Frequency Response

TEST PLOT RESULT



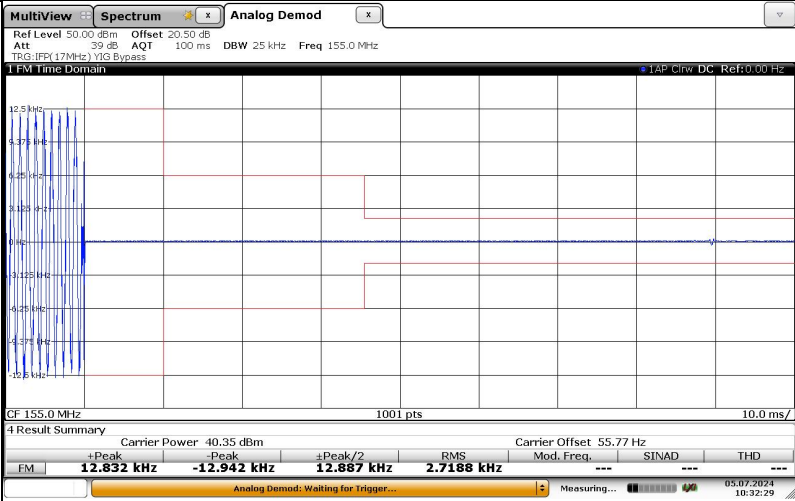
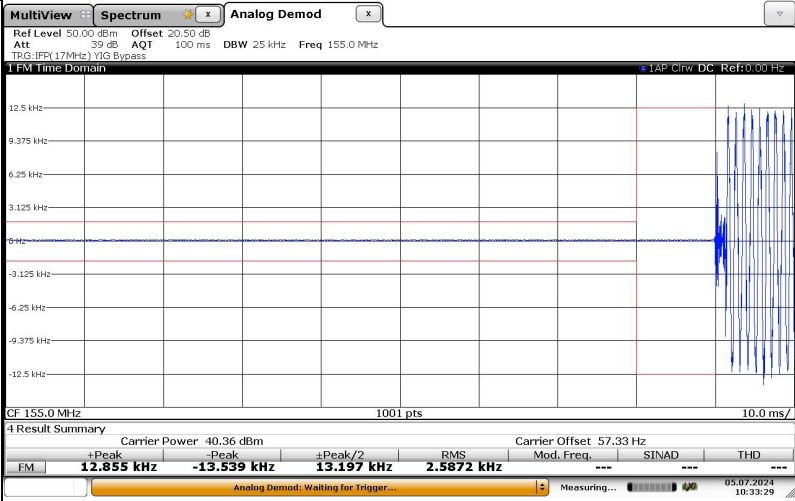
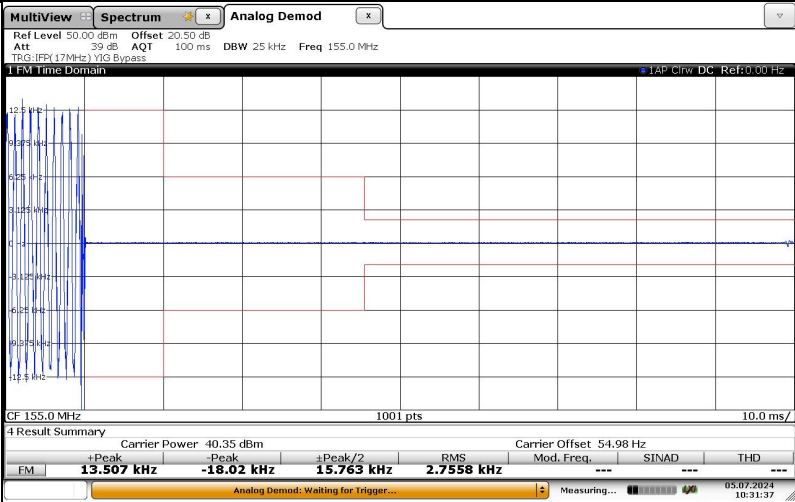
Appendix F:Frequency Stability Test & Temperature

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	-0.050	0.081	0.024	±5.0	PASS
TX-DNH	4FSK	V _N	-20	-0.051	0.080	0.024	±5.0	PASS
TX-DNH	4FSK	V _N	-10	-0.051	0.077	0.024	±5.0	PASS
TX-DNH	4FSK	V _N	0	-0.052	0.080	0.024	±5.0	PASS
TX-DNH	4FSK	V _N	10	-0.054	0.078	0.023	±5.0	PASS
TX-DNH	4FSK	V _N	20	-0.050	0.075	0.023	±5.0	PASS
TX-DNH	4FSK	V _N	30	-0.052	0.081	0.024	±5.0	PASS
TX-DNH	4FSK	V _N	40	-0.052	0.082	0.025	±5.0	PASS
TX-DNH	4FSK	V _N	50	-0.050	0.081	0.025	±5.0	PASS
TX-DNL	4FSK	V _N	-30	0.123	0.068	0.059	±5.0	PASS
TX-DNL	4FSK	V _N	-20	0.122	0.062	0.060	±5.0	PASS
TX-DNL	4FSK	V _N	-10	0.129	0.066	0.057	±5.0	PASS
TX-DNL	4FSK	V _N	0	0.119	0.064	0.059	±5.0	PASS
TX-DNL	4FSK	V _N	10	0.121	0.066	0.060	±5.0	PASS
TX-DNL	4FSK	V _N	20	0.117	0.062	0.055	±5.0	PASS
TX-DNL	4FSK	V _N	30	0.128	0.068	0.057	±5.0	PASS
TX-DNL	4FSK	V _N	40	0.123	0.068	0.060	±5.0	PASS
TX-DNL	4FSK	V _N	50	0.119	0.068	0.057	±5.0	PASS
TX-ANH	FM	V _N	-30	0.500	0.551	0.521	±5.0	PASS
TX-ANH	FM	V _N	-20	0.520	0.552	0.508	±5.0	PASS
TX-ANH	FM	V _N	-10	0.533	0.559	0.517	±5.0	PASS
TX-ANH	FM	V _N	0	0.520	0.530	0.532	±5.0	PASS
TX-ANH	FM	V _N	10	0.528	0.547	0.552	±5.0	PASS
TX-ANH	FM	V _N	20	0.494	0.512	0.502	±5.0	PASS
TX-ANH	FM	V _N	30	0.499	0.557	0.516	±5.0	PASS
TX-ANH	FM	V _N	40	0.507	0.556	0.550	±5.0	PASS
TX-ANH	FM	V _N	50	0.522	0.562	0.529	±5.0	PASS
TX-ANL	FM	V _N	-30	0.389	0.561	0.469	±5.0	PASS
TX-ANL	FM	V _N	-20	0.390	0.571	0.442	±5.0	PASS
TX-ANL	FM	V _N	-10	0.399	0.596	0.435	±5.0	PASS
TX-ANL	FM	V _N	0	0.392	0.583	0.474	±5.0	PASS
TX-ANL	FM	V _N	10	0.397	0.566	0.435	±5.0	PASS
TX-ANL	FM	V _N	20	0.369	0.542	0.435	±5.0	PASS
TX-ANL	FM	V _N	30	0.384	0.593	0.454	±5.0	PASS
TX-ANL	FM	V _N	40	0.401	0.543	0.435	±5.0	PASS
TX-ANL	FM	V _N	50	0.406	0.575	0.475	±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	-0.050	0.075	0.023	±5.0	PASS
TX-DNH	4FSK	V _L	T _N	-0.050	0.076	0.023	±5.0	PASS
TX-DNH	4FSK	V _H	T _N	-0.051	0.076	0.023	±5.0	PASS
TX-DNL	4FSK	V _N	T _N	0.117	0.062	0.055	±5.0	PASS
TX-DNL	4FSK	V _L	T _N	0.117	0.063	0.055	±5.0	PASS
TX-DNL	4FSK	V _H	T _N	0.123	0.064	0.055	±5.0	PASS
TX-ANH	FM	V _N	T _N	0.494	0.512	0.502	±5.0	PASS
TX-ANH	FM	V _L	T _N	0.500	0.521	0.504	±5.0	PASS
TX-ANH	FM	V _H	T _N	0.517	0.521	0.509	±5.0	PASS
TX-ANL	FM	V _N	T _N	0.369	0.542	0.435	±5.0	PASS
TX-ANL	FM	V _L	T _N	0.370	0.543	0.442	±5.0	PASS
TX-ANL	FM	V _H	T _N	0.379	0.565	0.447	±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:IFX (17MHz) YIG Bypass 1 FM Time Domain CF 155.0 MHz 1001 pts 10.0 ms/ 4 Result Summary <table border="1"> <thead> <tr> <th colspan="2">Carrier Power -40.35 dBm</th> <th colspan="2">Carrier Offset 55.77 Hz</th> </tr> <tr> <th>+Peak</th> <th>-Peak</th> <th>+Peak/2</th> <th>RMS</th> </tr> </thead> <tbody> <tr> <td>12.832 kHz</td> <td>-12.942 kHz</td> <td>12.887 kHz</td> <td>2.7188 kHz</td> </tr> </tbody> </table> Mod. Freq. --- SINAD --- THD --- Analog Demod: Waiting for Trigger... Date: 5 JUL 2024 10:32:29 OFF~ON	Carrier Power -40.35 dBm		Carrier Offset 55.77 Hz		+Peak	-Peak	+Peak/2	RMS	12.832 kHz	-12.942 kHz	12.887 kHz	2.7188 kHz
Carrier Power -40.35 dBm		Carrier Offset 55.77 Hz													
+Peak	-Peak	+Peak/2	RMS												
12.832 kHz	-12.942 kHz	12.887 kHz	2.7188 kHz												
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:IFX (17MHz) YIG Bypass 1 FM Time Domain CF 155.0 MHz 1001 pts 10.0 ms/ 4 Result Summary <table border="1"> <thead> <tr> <th colspan="2">Carrier Power -40.36 dBm</th> <th colspan="2">Carrier Offset 57.33 Hz</th> </tr> <tr> <th>+Peak</th> <th>-Peak</th> <th>+Peak/2</th> <th>RMS</th> </tr> </thead> <tbody> <tr> <td>12.855 kHz</td> <td>-13.539 kHz</td> <td>13.197 kHz</td> <td>2.5872 kHz</td> </tr> </tbody> </table> Mod. Freq. --- SINAD --- THD --- Analog Demod: Waiting for Trigger... Date: 5 JUL 2024 10:33:29 ON-OFF	Carrier Power -40.36 dBm		Carrier Offset 57.33 Hz		+Peak	-Peak	+Peak/2	RMS	12.855 kHz	-13.539 kHz	13.197 kHz	2.5872 kHz
Carrier Power -40.36 dBm		Carrier Offset 57.33 Hz													
+Peak	-Peak	+Peak/2	RMS												
12.855 kHz	-13.539 kHz	13.197 kHz	2.5872 kHz												
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:IFX (17MHz) YIG Bypass 1 FM Time Domain CF 155.0 MHz 1001 pts 10.0 ms/ 4 Result Summary <table border="1"> <thead> <tr> <th colspan="2">Carrier Power -40.35 dBm</th> <th colspan="2">Carrier Offset 54.98 Hz</th> </tr> <tr> <th>+Peak</th> <th>-Peak</th> <th>+Peak/2</th> <th>RMS</th> </tr> </thead> <tbody> <tr> <td>13.507 kHz</td> <td>-18.02 kHz</td> <td>15.763 kHz</td> <td>2.7558 kHz</td> </tr> </tbody> </table> Mod. Freq. --- SINAD --- THD --- Analog Demod: Waiting for Trigger... Date: 5 JUL 2024 10:31:37 OFF~ON	Carrier Power -40.35 dBm		Carrier Offset 54.98 Hz		+Peak	-Peak	+Peak/2	RMS	13.507 kHz	-18.02 kHz	15.763 kHz	2.7558 kHz
Carrier Power -40.35 dBm		Carrier Offset 54.98 Hz													
+Peak	-Peak	+Peak/2	RMS												
13.507 kHz	-18.02 kHz	15.763 kHz	2.7558 kHz												

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: (FXY 17MHz) VIO Bypass 1 FM Time Domain CF 155.0 MHz 1001 pts 10.0 ms/ 4 Result Summary Carrier Power 40.36 dBm Carrier Offset 55.66 Hz FM +Peak 12.934 kHz -Peak -12.757 kHz +Peak/2 12.845 kHz RMS 2.5767 kHz Mod. Freq. --- SINAD --- THD --- Analog Demand: Waiting for Trigger... Measuring... 05.07.2024 10:33:08 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 - Sweep SA RL RF ISO Q AC SENSE-PULSE ALIGN-AUTO 04:00:13 PM 3/04, 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 0

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 1.275000000 GHz Ref Offset 21 dB Ref 0.00 dBm Mkr1 1.301 95 GHz -53.048 dBm Start 1.0000 GHz #Res BW 1.0 MHz Stop 1.5500 GHz #VBW 3.0 MHz Sweep 1.000 ms (1001 pts) 1GHz~10th Harmonic Frequency Auto Tune Center Freq 1.275000000 GHz Start Freq 1.000000000 GHz Stop Freq 1.550000000 GHz CF Step 55.000000 MHz Auto Man Freq Offset 0 Hz																																																																																																												
TX-DNH	4FSK	CH _H	Agilent Spectrum Analyzer - Sweep SA Center Freq 515.000000 MHz Ref Offset 21 dB Ref 0.00 dBm Mkr3 63.95 MHz -49.510 dBm Start 30.0 MHz #Res BW 100 kHz Stop 1.0000 GHz #VBW 300 kHz Sweep 92.73 ms (1001 pts) 30MHz~1GHz 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 <table><thead><tr><th>MARKER</th><th>MODE</th><th>TRIG</th><th>SOL</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>173.56 MHz</td><td>1.933 dBm</td><td></td><td></td><td></td></tr><tr><td>2</td><td>N</td><td>1</td><td>f</td><td>114.39 MHz</td><td>-46.116 dBm</td><td></td><td></td><td></td></tr><tr><td>3</td><td>N</td><td>1</td><td>f</td><td>63.95 MHz</td><td>-49.510 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></tbody></table>	MARKER	MODE	TRIG	SOL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	173.56 MHz	1.933 dBm				2	N	1	f	114.39 MHz	-46.116 dBm				3	N	1	f	63.95 MHz	-49.510 dBm				4									5									6									7									8									9									10									11								
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TX-DNH	4FSK	CH _H	Agilent Spectrum Analyzer - Sweep SA Center Freq 1.369937500 GHz Ref Offset 21 dB Ref 0.00 dBm Mkr1 1.413 6 GHz -52.901 dBm Start 1.0000 GHz #Res BW 1.0 MHz Stop 1.7399 GHz #VBW 3.0 MHz Sweep 1.000 ms (1001 pts) 1GHz~10th Harmonic Frequency Auto Tune Center Freq 1.369937500 GHz Start Freq 1.000000000 GHz Stop Freq 1.739875000 GHz CF Step 73.987500 MHz Auto Man Freq Offset 0 Hz																																																																																																												

Appendix I:Spurious Emission On Antenna Port

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-ANH	FM	CHL	Agilent Spectrum Analyzer - Swept SA Center Freq 515.000000 MHz Ref Offset 21 dB Ref 0.00 dBm 10 dB/div Log 1 2 3 126.03 MHz -47.749 dBm Start 30.0 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 92.73 ms (1001 pts) MKR MODE TRC SOL 1 N 1 f 135.73 MHz -0.330 dBm 2 N 1 f 272.50 MHz -41.492 dBm 3 N 1 f 126.03 MHz -47.749 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 Freq Offset 0 Hz 30MHz~1GHz
TX-ANH	FM	CHL	Agilent Spectrum Analyzer - Swept SA Center Freq 1.180062500 GHz Ref Offset 21 dB Ref 0.00 dBm 10 dB/div Log 1 1.148 7 GHz -53.969 dBm Start 1.0000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 1.000 ms (1001 pts) MKR1 1.148 7 GHz -53.969 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 Freq Offset 0 Hz 1GHz~10th Harmonic
TX-ANH	FM	CHM	Agilent Spectrum Analyzer - Swept SA Center Freq 515.000000 MHz Ref Offset 21 dB Ref 0.00 dBm 10 dB/div Log 1 2 3 310.33 MHz -50.740 dBm Start 30.0 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 92.73 ms (1001 pts) MKR MODE TRC SOL 1 N 1 f 155.13 MHz 0.350 dBm 2 N 1 f 948.59 MHz -50.705 dBm 3 N 1 f 310.33 MHz -50.740 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 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 1.393 80 GHz -53.516 dBm 10 dB/div Log

----End of Report----