

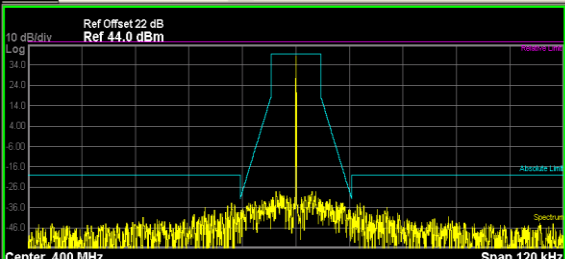
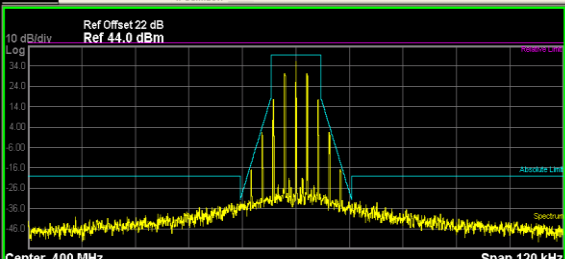
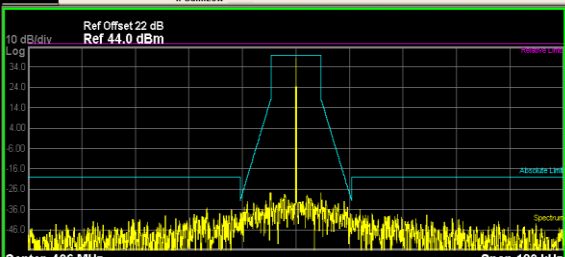
Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																															
TX-ANH	FM	CH _{M2}	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50.0 AC SE (SIGNAL) ALIGN AUTO 01:54:46 PM Jan 19, 2022 Center Freq 406.112500 MHz Center Freq: 406.112500 MHz Trig: Free Run #Atten: 40 dB Radio Std: None Radio Device: BTS PASS IF Gain: Low Ref Offset 22 dB Ref 50.0 dBm 10 dB/div Log 40.0 30.0 20.0 10.0 0.00 -10.0 -20.0 -30.0 -40.0 Mask Limit Absolute Limit Spectrum Center 406.1 MHz Span 120 kHz Total Power Ref 44.84 dBm/0.0125 MHz <table><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>44.26</td><td>(-2.01)</td><td>0.0</td><td>44.83</td><td>(-1.44)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-32.22</td><td>(-7.78)</td><td>-12.40 k</td><td>-31.93</td><td>(-6.77)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-27.58</td><td>(-7.58)</td><td>-14.20 k</td><td>-27.63</td><td>(-7.63)</td><td>14.30 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></table> MSO File <MASK D.state> recalled STATUS Frequency Center Freq 406.112500 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	44.26	(-2.01)	0.0	44.83	(-1.44)	50.00	5.625 kHz	12.50 kHz	100.0 Hz	-32.22	(-7.78)	-12.40 k	-31.93	(-6.77)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-27.58	(-7.58)	-14.20 k	-27.63	(-7.63)	14.30 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	—	(—)	—	—	(—)	—
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12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
TX-ANH	FM	CH _{M2}	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50.0 AC SE (SIGNAL) ALIGN AUTO 01:55:08 PM Jan 19, 2022 Center Freq 406.112500 MHz Center Freq: 406.112500 MHz Trig: Free Run Avg: 100.00% of 10 #Atten: 40 dB Radio Std: None Radio Device: BTS PASS IF Gain: Low Ref Offset 22 dB Ref 50.0 dBm 10 dB/div Log 40.0 30.0 20.0 10.0 0.00 -10.0 -20.0 -30.0 -40.0 Mask Limit Absolute Limit Spectrum Center 406.1 MHz Span 120 kHz Total Power Ref 44.85 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>42.43</td><td>(-3.84)</td><td>0.0</td><td>43.01</td><td>(-3.27)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>8.112</td><td>(-3.44)</td><td>-7.450 k</td><td>8.019</td><td>(-2.80)</td><td>7.550 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-24.68</td><td>(-4.68)</td><td>-13.35 k</td><td>-26.46</td><td>(-6.46)</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 406.112500 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	42.43	(-3.84)	0.0	43.01	(-3.27)	50.00	5.625 kHz	12.50 kHz	100.0 Hz	8.112	(-3.44)	-7.450 k	8.019	(-2.80)	7.550 k	12.50 kHz	60.00 kHz	100.0 Hz	-24.68	(-4.68)	-13.35 k	-26.46	(-6.46)	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	—	(—)	—	—	(—)	—
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 _{M3}	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50.0 AC SE (SIGNAL) ALIGN AUTO 01:58:40 PM Jan 19, 2022 Center Freq 438.012500 MHz Center Freq: 438.012500 MHz Trig: Free Run #Atten: 40 dB Radio Std: None Radio Device: BTS PASS IF Gain: Low Ref Offset 23 dB Ref 50.0 dBm 10 dB/div Log 40.0 30.0 20.0 10.0 0.00 -10.0 -20.0 -30.0 -40.0 Mask Limit Absolute Limit Spectrum Center 438 MHz Span 120 kHz Total Power Ref 45.54 dBm/0.0125 MHz <table><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>44.88</td><td>(-1.39)</td><td>0.0</td><td>45.54</td><td>(-0.73)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-29.14</td><td>(-7.97)</td><td>-11.95 k</td><td>-29.23</td><td>(-7.33)</td><td>12.05 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-29.60</td><td>(-9.60)</td><td>-13.25 k</td><td>-29.48</td><td>(-9.48)</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></table> MSO File <MASK D.state> recalled STATUS Frequency Center Freq 438.012500 MHz CF Step 12.000 kHz Man Auto Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	44.88	(-1.39)	0.0	45.54	(-0.73)	50.00	5.625 kHz	12.50 kHz	100.0 Hz	-29.14	(-7.97)	-11.95 k	-29.23	(-7.33)	12.05 k	12.50 kHz	60.00 kHz	100.0 Hz	-29.60	(-9.60)	-13.25 k	-29.48	(-9.48)	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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Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																															
TX-ANH	FM	CH _{M3}	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 150.0 AC IF Gain: Low Center Freq: 438.012500 MHz Trig: Free Run Avg: 100.00% of 10 Radio Std: None PASS IF Gain: Low #Att: 40 dB Radio Device: BTS SENSE PULSE ALIGN AUTO 01:59:01 PM Jan 19, 2022 Center Freq 438.012500 MHz Span 120 kHz Center 438 MHz Ref Offset 23 dB Ref 50.0 dBm 10 dB/div Log 40.0 30.0 20.0 10.0 0.0 -10.0 -20.0 -30.0 -40.0 Mask Limit Absolute Limit Spectrum Total Power Ref 45.57 dBm @ 0.0125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak ></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>43.09</td><td>(-3.18)</td><td>0.0</td><td>43.70</td><td>(-2.57)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-23.53</td><td>(-0.55)</td><td>-12.45 k</td><td>-25.65</td><td>(-0.47)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-25.34</td><td>(-5.34)</td><td>-13.60 k</td><td>-25.91</td><td>(-5.91)</td><td>12.55 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> MSO File <Temp.png> saved STATUS Frequency Center Freq 438.012500 MHz CF Step 12.000 kHz Auto Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak >	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	43.09	(-3.18)	0.0	43.70	(-2.57)	50.00	5.625 kHz	12.50 kHz	100.0 Hz	-23.53	(-0.55)	-12.45 k	-25.65	(-0.47)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-25.34	(-5.34)	-13.60 k	-25.91	(-5.91)	12.55 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
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TX-ANH	FM	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 150.0 AC IF Gain: Low Center Freq: 469.987500 MHz Trig: Free Run Avg: 100.00% of 10 Radio Std: None PASS IF Gain: Low #Att: 40 dB Radio Device: BTS SENSE PULSE ALIGN AUTO 02:02:22 PM Jan 19, 2022 Center Freq 469.987500 MHz Span 120 kHz Center 470 MHz Ref Offset 23 dB Ref 50.0 dBm 10 dB/div Log 40.0 30.0 20.0 10.0 0.0 -10.0 -20.0 -30.0 -40.0 Mask Limit Absolute Limit Spectrum Total Power Ref 45.96 dBm @ 0.0125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak ></th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>45.04</td><td>(-1.45)</td><td>0.0</td><td>46.00</td><td>(-0.48)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-26.19</td><td>(-2.69)</td><td>-12.30 k</td><td>-26.56</td><td>(-1.98)</td><td>12.45 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-27.65</td><td>(-7.65)</td><td>-12.75 k</td><td>-27.55</td><td>(-7.55)</td><td>12.85 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> MSO File <MASK D.state> recalled STATUS Frequency Center Freq 469.987500 MHz CF Step 12.000 kHz Auto Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak >	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	45.04	(-1.45)	0.0	46.00	(-0.48)	50.00	5.625 kHz	12.50 kHz	100.0 Hz	-26.19	(-2.69)	-12.30 k	-26.56	(-1.98)	12.45 k	12.50 kHz	60.00 kHz	100.0 Hz	-27.65	(-7.65)	-12.75 k	-27.55	(-7.55)	12.85 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
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12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
TX-ANH	FM	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 150.0 AC IF Gain: Low Center Freq: 469.987500 MHz Trig: Free Run Avg: 100.00% of 10 Radio Std: None PASS IF Gain: Low #Att: 40 dB Radio Device: BTS SENSE PULSE ALIGN AUTO 02:02:44 PM Jan 19, 2022 Center Freq 469.987500 MHz Span 120 kHz Center 470 MHz Ref Offset 23 dB Ref 50.0 dBm 10 dB/div Log 40.0 30.0 20.0 10.0 0.0 -10.0 -20.0 -30.0 -40.0 Mask Limit Absolute Limit Spectrum Total Power Ref 45.96 dBm @ 0.0125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak ></th><th>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>43.30</td><td>(-3.19)</td><td>0.0</td><td>44.14</td><td>(-2.35)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-24.55</td><td>(-0.35)</td><td>-12.50 k</td><td>-24.32</td><td>(-0.45)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-25.96</td><td>(-5.96)</td><td>-12.60 k</td><td>-24.33</td><td>(-4.33)</td><td>12.55 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> MSO File <Temp.png> saved STATUS Frequency Center Freq 469.987500 MHz CF Step 12.000 kHz Auto Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak >	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	43.30	(-3.19)	0.0	44.14	(-2.35)	50.00	5.625 kHz	12.50 kHz	100.0 Hz	-24.55	(-0.35)	-12.50 k	-24.32	(-0.45)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-25.96	(-5.96)	-12.60 k	-24.33	(-4.33)	12.55 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
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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 150.0 AC SENSE PULSE ALIGN AUTO 01:48:20 PM Jan 19, 2022 Center Freq 400.012500 MHz Center Freq: 400.012500 MHz Trig: Free Run Radio Std: None PASS IF Gain: Low #Att: 40 dB Radio Device: BTS 10 dB/div Log Ref Offset 22 dB Ref 44.0 dBm  Center 400 MHz Span 120 kHz Total Power Ref 38.82 dBm @ 0.0125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>Peak -> dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>37.99</td><td>(-1.60)</td><td>0.0</td><td>38.23</td><td>(-1.36)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-37.28</td><td>(-7.61)</td><td>-12.20 k</td><td>-37.44</td><td>(-7.05)</td><td>12.30 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>-14.35 k</td><td>-33.68</td><td>(-13.68)</td><td>14.40 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> 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	37.99	(-1.60)	0.0	38.23	(-1.36)	50.00	5.625 kHz	12.50 kHz	100.0 Hz	-37.28	(-7.61)	-12.20 k	-37.44	(-7.05)	12.30 k	12.50 kHz	60.00 kHz	100.0 Hz	-33.92	(-13.92)	-14.35 k	-33.68	(-13.68)	14.40 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
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TX-ANL	FM	CH _L	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 150.0 AC SENSE PULSE ALIGN AUTO 01:48:42 PM Jan 19, 2022 Center Freq 400.012500 MHz Center Freq: 400.012500 MHz Trig: Free Run Avg: 100.00% of 10 Radio Std: None PASS IF Gain: Low #Att: 40 dB Radio Device: BTS 10 dB/div Log Ref Offset 22 dB Ref 44.0 dBm  Center 400 MHz Span 120 kHz Total Power Ref 38.84 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>36.19</td><td>(-3.40)</td><td>0.0</td><td>36.41</td><td>(-3.18)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-32.61</td><td>(-0.76)</td><td>-12.50 k</td><td>1.299</td><td>(-2.84)</td><td>7.550 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-33.49</td><td>(-13.49)</td><td>-14.40 k</td><td>-32.58</td><td>(-12.58)</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> 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	36.19	(-3.40)	0.0	36.41	(-3.18)	50.00	5.625 kHz	12.50 kHz	100.0 Hz	-32.61	(-0.76)	-12.50 k	1.299	(-2.84)	7.550 k	12.50 kHz	60.00 kHz	100.0 Hz	-33.49	(-13.49)	-14.40 k	-32.58	(-12.58)	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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TX-ANL	FM	CH _{M1}	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 150.0 AC SENSE PULSE ALIGN AUTO 01:50:30 PM Jan 19, 2022 Center Freq 405.987500 MHz Center Freq: 405.987500 MHz Trig: Free Run Radio Std: None PASS IF Gain: Low #Att: 40 dB Radio Device: BTS 10 dB/div Log Ref Offset 22 dB Ref 44.0 dBm  Center 406 MHz Span 120 kHz Total Power Ref 38.21 dBm @ 0.0125 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>Peak -> dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>37.64</td><td>(-1.98)</td><td>0.0</td><td>38.20</td><td>(-1.42)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-37.40</td><td>(-5.58)</td><td>-12.50 k</td><td>-37.89</td><td>(-7.53)</td><td>12.30 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-35.37</td><td>(-15.37)</td><td>-19.90 k</td><td>-35.82</td><td>(-15.82)</td><td>14.40 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> File <MASK.D.state> recalled STATUS Frequency Center Freq 405.987500 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	37.64	(-1.98)	0.0	38.20	(-1.42)	50.00	5.625 kHz	12.50 kHz	100.0 Hz	-37.40	(-5.58)	-12.50 k	-37.89	(-7.53)	12.30 k	12.50 kHz	60.00 kHz	100.0 Hz	-35.37	(-15.37)	-19.90 k	-35.82	(-15.82)	14.40 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
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Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-ANL	FM	CH _{M1}	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF FS 150.0 AC IF 10.0 dB 10.0</

Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																															
TX-ANL	FM	CH _{M3}	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 150.0 AC SENSE PULSE ALIGN AUTO 02:00:18 PM Jan 19, 2022 Center Freq 438.012500 MHz Center Freq: 438.012500 MHz Trig: Free Run Radio Std: None PASS IF Gain: Low #Attenu: 40 dB Radio Device: BTS Ref Offset 23 dB Ref 44.0 dBm 10 dB/div Log 34.0 24.0 14.0 4.00 16.0 26.0 36.0 46.0 Center 438 MHz Span 120 kHz Total Power Ref 38.86 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 > dBr</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>38.18</td><td>(-1.41)</td><td>0.0</td><td>38.87</td><td>(-0.73)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-37.53</td><td>(-6.77)</td><td>-12.35 k</td><td>-37.73</td><td>(-6.24)</td><td>12.45 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-34.55</td><td>(-14.55)</td><td>-15.35 k</td><td>-34.81</td><td>(-14.81)</td><td>15.45 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 <MASK.D.state> recalled STATUS Frequency Center Freq 438.012500 MHz CF Step 12.000 kHz Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBr	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	38.18	(-1.41)	0.0	38.87	(-0.73)	50.00	5.625 kHz	12.50 kHz	100.0 Hz	-37.53	(-6.77)	-12.35 k	-37.73	(-6.24)	12.45 k	12.50 kHz	60.00 kHz	100.0 Hz	-34.55	(-14.55)	-15.35 k	-34.81	(-14.81)	15.45 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 _{M3}	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 150.0 AC SENSE PULSE ALIGN AUTO 02:00:39 PM Jan 19, 2022 Center Freq 438.012500 MHz Center Freq: 438.012500 MHz Trig: Free Run Avg: 100.00% of 10 Radio Std: None PASS IF Gain: Low #Attenu: 40 dB Radio Device: BTS Ref Offset 23 dB Ref 44.0 dBm 10 dB/div Log 34.0 24.0 14.0 4.00 16.0 26.0 36.0 46.0 Center 438 MHz Span 120 kHz Total Power Ref 38.87 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 > dBr</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>36.40</td><td>(-3.19)</td><td>0.0</td><td>37.02</td><td>(-2.57)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-30.77</td><td>(-0.12)</td><td>-12.50 k</td><td>-15.58</td><td>(-1.55)</td><td>10.05 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-32.95</td><td>(-12.95)</td><td>-14.85 k</td><td>-31.70</td><td>(-11.70)</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></tbody></table> File <Temp.png> saved STATUS Frequency Center Freq 438.012500 MHz CF Step 12.000 kHz Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBr	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	36.40	(-3.19)	0.0	37.02	(-2.57)	50.00	5.625 kHz	12.50 kHz	100.0 Hz	-30.77	(-0.12)	-12.50 k	-15.58	(-1.55)	10.05 k	12.50 kHz	60.00 kHz	100.0 Hz	-32.95	(-12.95)	-14.85 k	-31.70	(-11.70)	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	—	(—)	—	—	(—)	—
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12.50 kHz	60.00 kHz	100.0 Hz	-32.95	(-12.95)	-14.85 k	-31.70	(-11.70)	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	—	(—)	—	—	(—)	—																																																										
TX-ANL	FM	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 150.0 AC SENSE PULSE ALIGN AUTO 02:04:11 PM Jan 19, 2022 Center Freq 469.987500 MHz Center Freq: 469.987500 MHz Trig: Free Run Radio Std: None PASS IF Gain: Low #Attenu: 40 dB Radio Device: BTS Ref Offset 23 dB Ref 42.0 dBm 10 dB/div Log 32.0 22.0 12.0 2.00 18.0 28.0 38.0 48.0 Center 470 MHz Span 120 kHz Total Power Ref 37.31 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 > dBr</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>36.46</td><td>(-1.38)</td><td>0.0</td><td>37.32</td><td>(-0.53)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-32.81</td><td>(-3.22)</td><td>-11.95 k</td><td>-32.67</td><td>(-2.71)</td><td>12.00 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-37.06</td><td>(-17.06)</td><td>-16.35 k</td><td>-36.16</td><td>(-16.16)</td><td>20.10 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> File <MASK.D.state> recalled STATUS Frequency Center Freq 469.987500 MHz CF Step 12.000 kHz Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBr	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	36.46	(-1.38)	0.0	37.32	(-0.53)	50.00	5.625 kHz	12.50 kHz	100.0 Hz	-32.81	(-3.22)	-11.95 k	-32.67	(-2.71)	12.00 k	12.50 kHz	60.00 kHz	100.0 Hz	-37.06	(-17.06)	-16.35 k	-36.16	(-16.16)	20.10 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 > dBr	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 C:Emission Mask

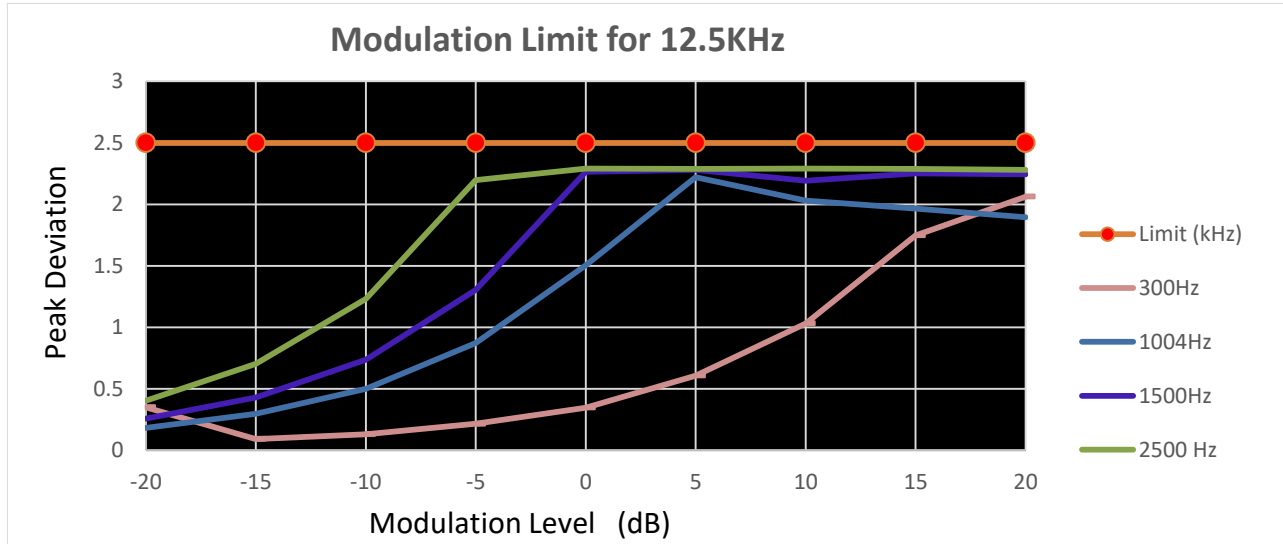
Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																															
TX-ANL	FM	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 469.987500 MHz Ref Offset 23 dB Ref 42.0 dBm Center 470 MHz Span 120 kHz 10 dB/div Log 32.0 22.0 12.0 2.00 8.00 18.0 38.0 48.0 37.31 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>Peak Freq (Hz)</th><th>dBm</th><th>Upper ΔLim(dB)</th><th>Upper Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>34.69</td><td>(-3.15)</td><td>0.0</td><td>35.49</td><td>(-2.35)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-32.16</td><td>(-0.33)</td><td>-12.50 k</td><td>-34.71</td><td>(-1.12)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-33.71</td><td>(-13.71)</td><td>-13.65 k</td><td>-32.78</td><td>(-12.78)</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> Frequency Center Freq 469.987500 MHz CF Step 12.000 kHz Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Peak Freq (Hz)	dBm	Upper ΔLim(dB)	Upper Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	34.69	(-3.15)	0.0	35.49	(-2.35)	50.00	5.625 kHz	12.50 kHz	100.0 Hz	-32.16	(-0.33)	-12.50 k	-34.71	(-1.12)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-33.71	(-13.71)	-13.65 k	-32.78	(-12.78)	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)	Peak Freq (Hz)	dBm	Upper ΔLim(dB)	Upper 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 _{M2}	-20	0.35	0.184	0.257	0.404	2.5	PASS
TX-ANH	FM	CH _{M2}	-15	0.093	0.297	0.431	0.704	2.5	PASS
TX-ANH	FM	CH _{M2}	-10	0.131	0.5	0.736	1.231	2.5	PASS
TX-ANH	FM	CH _{M2}	-5	0.216	0.873	1.305	2.198	2.5	PASS
TX-ANH	FM	CH _{M2}	0	0.348	1.504	2.265	2.291	2.5	PASS
TX-ANH	FM	CH _{M2}	5	0.607	2.221	2.279	2.288	2.5	PASS
TX-ANH	FM	CH _{M2}	10	1.032	2.031	2.193	2.291	2.5	PASS
TX-ANH	FM	CH _{M2}	15	1.748	1.966	2.252	2.289	2.5	PASS
TX-ANH	FM	CH _{M2}	20	2.062	1.894	2.243	2.279	2.5	PASS

Appendix D:Modulation Limit

TEST PLOT RESULT

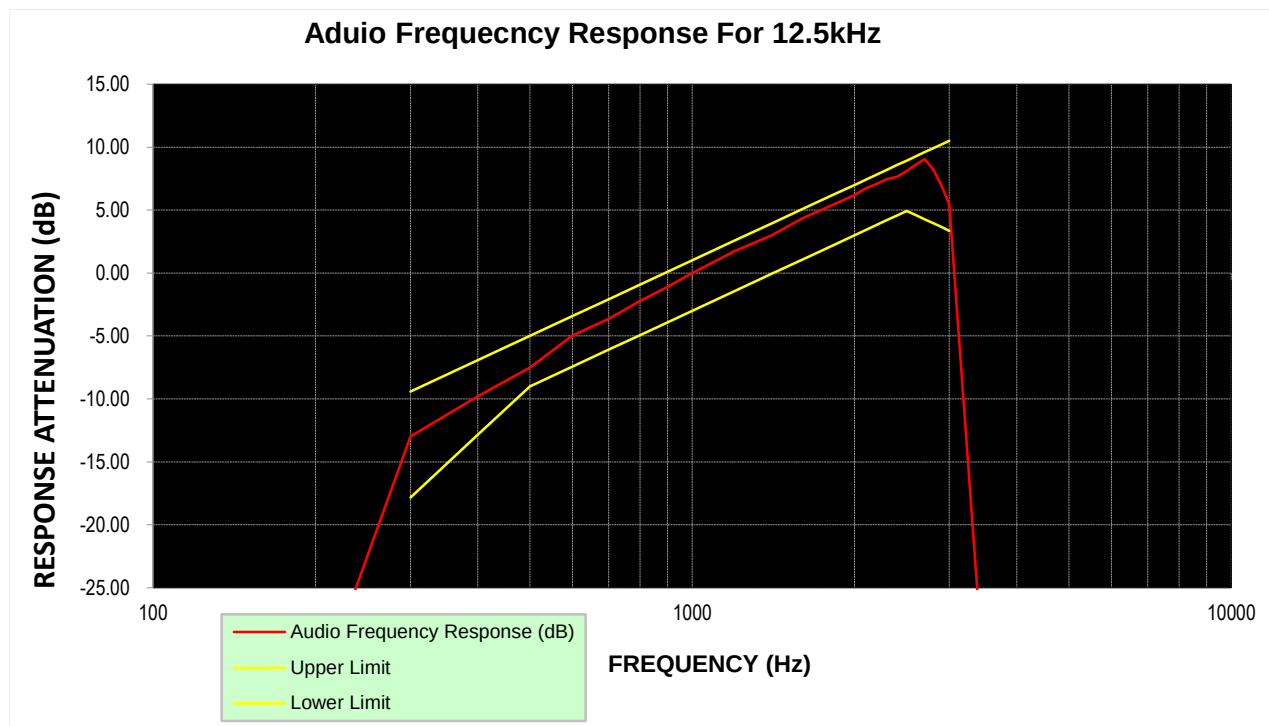


Appendix E:Audio Frequency Response

Operation Mode	Modulation Type	Test Channel	Frequency (Hz)	Audio Frequency Response (dB)	Lower Limit	Upper Limit	Result
TX-ANH	FM	CH _{M2}	100	-34.10			PASS
TX-ANH	FM	CH _{M2}	200	-33.94			PASS
TX-ANH	FM	CH _{M2}	300	-12.98	-17.84	-9.42	PASS
TX-ANH	FM	CH _{M2}	400	-9.80	-12.86	-6.93	PASS
TX-ANH	FM	CH _{M2}	500	-7.52	-9.00	-5.00	PASS
TX-ANH	FM	CH _{M2}	600	-4.97	-7.42	-3.42	PASS
TX-ANH	FM	CH _{M2}	700	-3.64	-6.09	-2.09	PASS
TX-ANH	FM	CH _{M2}	800	-2.21	-4.93	-0.93	PASS
TX-ANH	FM	CH _{M2}	900	-1.10	-3.91	0.09	PASS
TX-ANH	FM	CH _{M2}	1000	-0.01	-3.00	1.00	PASS
TX-ANH	FM	CH _{M2}	1200	1.75	-1.42	2.58	PASS
TX-ANH	FM	CH _{M2}	1400	2.96	-0.09	3.91	PASS
TX-ANH	FM	CH _{M2}	1600	4.35	1.07	5.07	PASS
TX-ANH	FM	CH _{M2}	1800	5.32	2.09	6.09	PASS
TX-ANH	FM	CH _{M2}	2000	6.20	3.00	7.00	PASS
TX-ANH	FM	CH _{M2}	2100	6.72	3.42	7.42	PASS
TX-ANH	FM	CH _{M2}	2200	7.09	3.83	7.83	PASS
TX-ANH	FM	CH _{M2}	2300	7.48	4.21	8.21	PASS
TX-ANH	FM	CH _{M2}	2400	7.66	4.58	8.58	PASS
TX-ANH	FM	CH _{M2}	2500	8.12	4.93	8.93	PASS
TX-ANH	FM	CH _{M2}	2600	8.61	4.59	9.27	PASS
TX-ANH	FM	CH _{M2}	2700	9.05	4.27	9.60	PASS
TX-ANH	FM	CH _{M2}	2800	8.24	3.95	9.91	PASS
TX-ANH	FM	CH _{M2}	2900	6.94	3.65	10.22	PASS
TX-ANH	FM	CH _{M2}	3000	5.45	3.35	10.51	PASS
TX-ANH	FM	CH _{M2}	3500	-34.06			PASS
TX-ANH	FM	CH _{M2}	4000	-33.93			PASS
TX-ANH	FM	CH _{M2}	4500	-34.24			PASS
TX-ANH	FM	CH _{M2}	5000	-33.98			PASS

Appendix E:Audio Frequency Response

TEST PLOT RESULT



Note: The highest audio frequency response at 3kHz<3.125kHz, so meet the requirement.

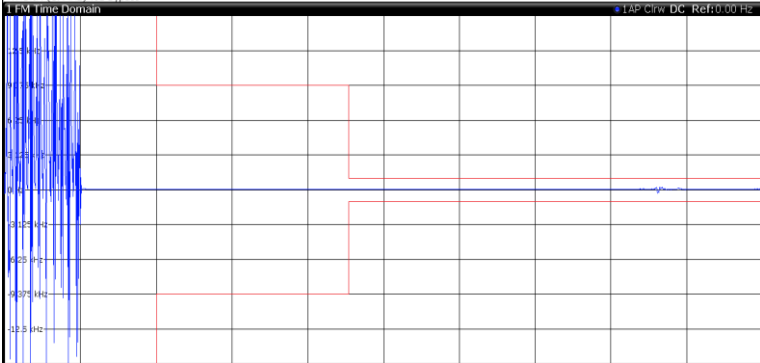
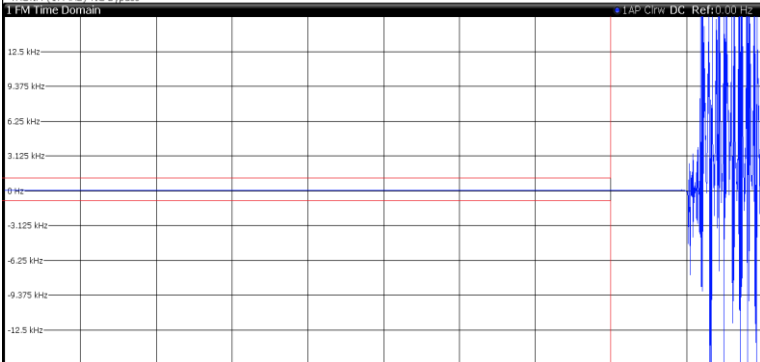
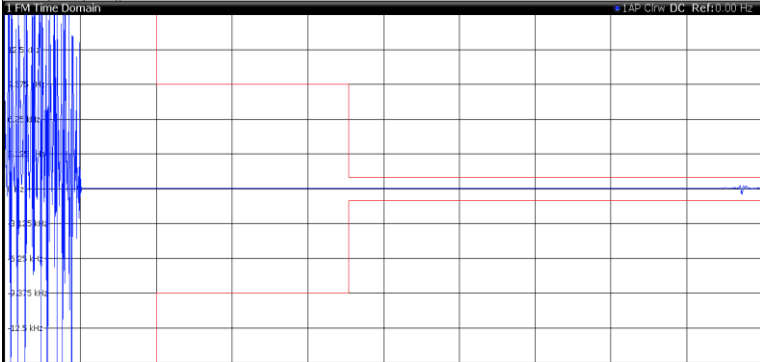
Appendix F:Frequency Stability Test & Temperature

Operation Mode	Modulation Type	Test Conditions		Frequency error (ppm)					Limit (ppm)	Result
		Voltage	Temperature	CH _L	CH _{M1}	CH _{M2}	CH _{M3}	CH _H		
TX-DNH	4FSK	V _N	-30	0.016	0.013	0.020	0.007	0.015	±5.0	PASS
TX-DNH	4FSK	V _N	-20	0.016	0.013	0.021	0.007	0.015	±5.0	PASS
TX-DNH	4FSK	V _N	-10	0.016	0.013	0.022	0.008	0.016	±5.0	PASS
TX-DNH	4FSK	V _N	0	0.015	0.014	0.020	0.007	0.016	±5.0	PASS
TX-DNH	4FSK	V _N	10	0.016	0.013	0.020	0.007	0.015	±5.0	PASS
TX-DNH	4FSK	V _N	20	0.000	0.012	0.020	0.007	0.015	±5.0	PASS
TX-DNH	4FSK	V _N	30	0.016	0.013	0.021	0.007	0.015	±5.0	PASS
TX-DNH	4FSK	V _N	40	0.015	0.012	0.021	0.007	0.016	±5.0	PASS
TX-DNH	4FSK	V _N	50	0.016	0.013	0.020	0.007	0.016	±5.0	PASS
TX-DNL	4FSK	V _N	-30	0.013	0.013	0.060	0.007	0.014	±5.0	PASS
TX-DNL	4FSK	V _N	-20	0.013	0.012	0.063	0.007	0.013	±5.0	PASS
TX-DNL	4FSK	V _N	-10	0.013	0.012	0.059	0.007	0.014	±5.0	PASS
TX-DNL	4FSK	V _N	0	0.013	0.013	0.062	0.007	0.013	±5.0	PASS
TX-DNL	4FSK	V _N	10	0.013	0.013	0.065	0.007	0.014	±5.0	PASS
TX-DNL	4FSK	V _N	20	0.000	0.012	0.059	0.007	0.013	±5.0	PASS
TX-DNL	4FSK	V _N	30	0.013	0.012	0.061	0.007	0.013	±5.0	PASS
TX-DNL	4FSK	V _N	40	0.013	0.013	0.060	0.007	0.013	±5.0	PASS
TX-DNL	4FSK	V _N	50	0.014	0.013	0.064	0.007	0.014	±5.0	PASS
TX-ANH	FM	V _N	-30	0.420	0.459	0.495	0.422	0.388	±5.0	PASS
TX-ANH	FM	V _N	-20	0.438	0.460	0.459	0.447	0.393	±5.0	PASS
TX-ANH	FM	V _N	-10	0.437	0.467	0.470	0.417	0.410	±5.0	PASS
TX-ANH	FM	V _N	0	0.422	0.469	0.503	0.413	0.410	±5.0	PASS
TX-ANH	FM	V _N	10	0.437	0.480	0.459	0.447	0.385	±5.0	PASS
TX-ANH	FM	V _N	20	0.415	0.441	0.458	0.409	0.374	±5.0	PASS
TX-ANH	FM	V _N	30	0.420	0.452	0.475	0.441	0.398	±5.0	PASS
TX-ANH	FM	V _N	40	0.419	0.479	0.496	0.449	0.396	±5.0	PASS
TX-ANH	FM	V _N	50	0.453	0.442	0.502	0.440	0.405	±5.0	PASS
TX-ANL	FM	V _N	-30	0.447	0.478	0.506	0.435	0.380	±5.0	PASS
TX-ANL	FM	V _N	-20	0.422	0.454	0.497	0.410	0.397	±5.0	PASS
TX-ANL	FM	V _N	-10	0.450	0.487	0.501	0.447	0.381	±5.0	PASS
TX-ANL	FM	V _N	0	0.438	0.492	0.506	0.410	0.376	±5.0	PASS
TX-ANL	FM	V _N	10	0.460	0.454	0.508	0.444	0.379	±5.0	PASS
TX-ANL	FM	V _N	20	0.422	0.451	0.465	0.409	0.374	±5.0	PASS
TX-ANL	FM	V _N	30	0.426	0.486	0.503	0.414	0.376	±5.0	PASS
TX-ANL	FM	V _N	40	0.449	0.467	0.510	0.416	0.376	±5.0	PASS
TX-ANL	FM	V _N	50	0.451	0.465	0.508	0.423	0.394	±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 _{M1}	CH _{M2}	CH _{M3}	CH _H		
TX-DNH	4FSK	V _N	T _N	0.012	0.012	0.020	0.007	0.015	±5.0	PASS
TX-DNH	4FSK	V _L	T _N	0.012	0.012	0.020	0.007	0.015	±5.0	PASS
TX-DNH	4FSK	V _H	T _N	0.013	0.012	0.020	0.007	0.015	±5.0	PASS
TX-DNL	4FSK	V _N	T _N	0.012	0.012	0.059	0.007	0.013	±5.0	PASS
TX-DNL	4FSK	V _L	T _N	0.012	0.012	0.059	0.007	0.013	±5.0	PASS
TX-DNL	4FSK	V _H	T _N	0.013	0.013	0.060	0.007	0.013	±5.0	PASS
TX-ANH	FM	V _N	T _N	0.415	0.441	0.458	0.409	0.374	±5.0	PASS
TX-ANH	FM	V _L	T _N	0.416	0.445	0.462	0.416	0.377	±5.0	PASS
TX-ANH	FM	V _H	T _N	0.422	0.454	0.464	0.411	0.379	±5.0	PASS
TX-ANL	FM	V _N	T _N	0.422	0.451	0.465	0.409	0.374	±5.0	PASS
TX-ANL	FM	V _L	T _N	0.423	0.457	0.473	0.412	0.376	±5.0	PASS
TX-ANL	FM	V _H	T _N	0.445	0.455	0.490	0.416	0.386	±5.0	PASS

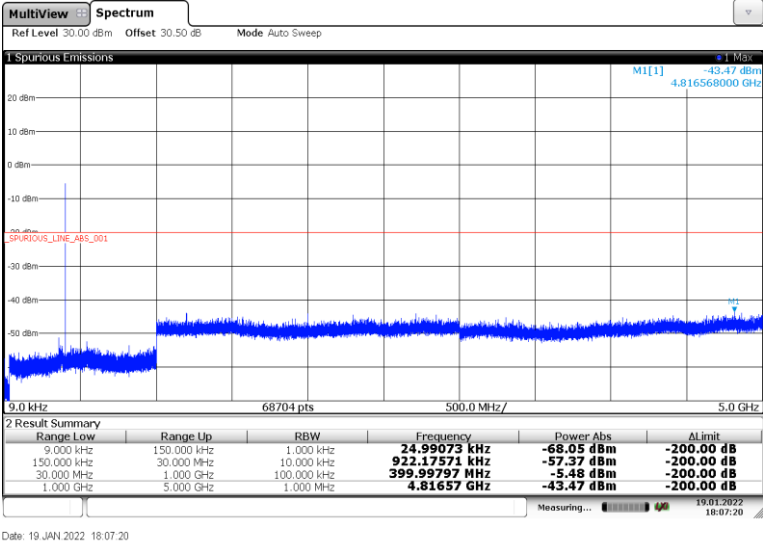
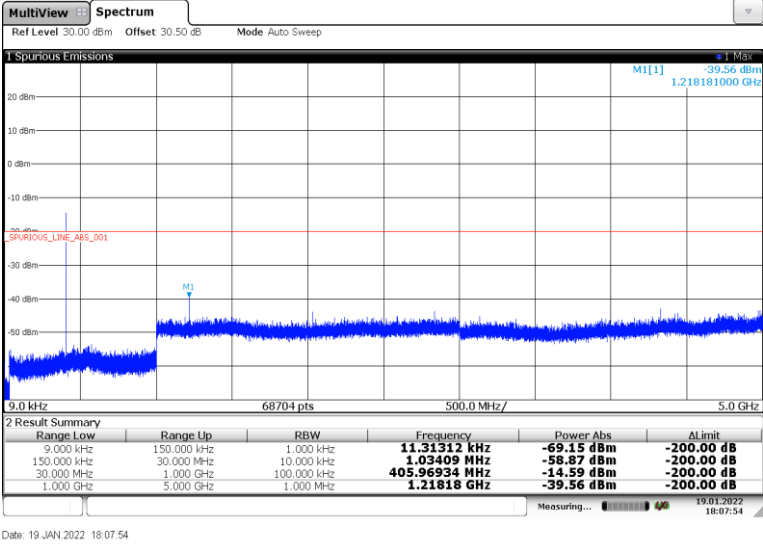
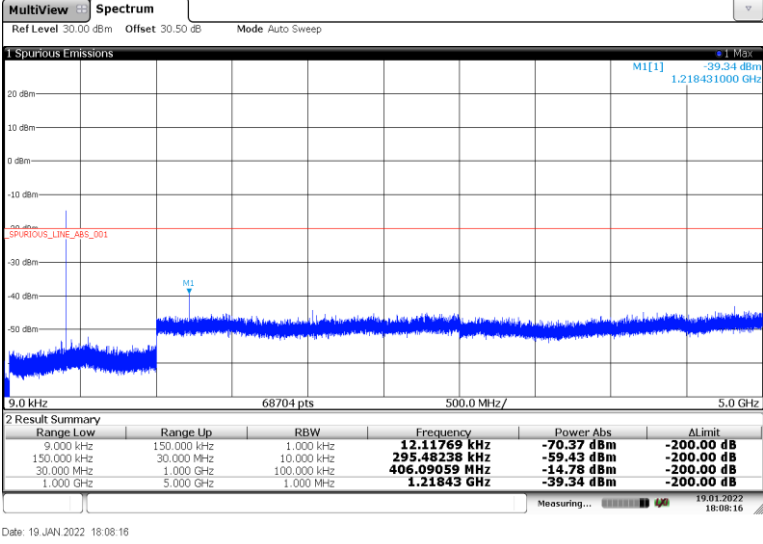
Appendix H:Transmitter Frequency Behavior

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																		
TX-DNH	4FSK	CH _{M2}	MultiViewSpectrumAnalog Demod Ref Level 55.00 dBm Offset 37.00 dB Att 28 dB AQT 100 ms DBW 25 kHz Freq 406.1125 MHz TRG: IFX (17MHz) YIG Bypass IFM Time Domain LAP Cirw DC Ref: 0.00 Hz  CF 406.1125 MHz1001 pts10.0 ms/ 4 Result Summary <table><tr><td colspan="2">Carrier Power 44.78 dBm</td><td colspan="2">Carrier Offset 48.58 Hz</td><td colspan="2"></td></tr><tr><td>+Peak</td><td>-Peak</td><td>+Peak/2</td><td>RMS</td><td>Mod. Freq.</td><td>SINAD</td></tr><tr><td>FM</td><td>22.443 kHz</td><td>-30.53 kHz</td><td>26.487 kHz</td><td>2.9345 kHz</td><td>---</td></tr></table> Analog Demod: Waiting for Trigger... Measuring... 19.01.2022 18:01:07 Date: 19 JAN 2022 18:01:08	Carrier Power 44.78 dBm		Carrier Offset 48.58 Hz				+Peak	-Peak	+Peak/2	RMS	Mod. Freq.	SINAD	FM	22.443 kHz	-30.53 kHz	26.487 kHz	2.9345 kHz	---
Carrier Power 44.78 dBm		Carrier Offset 48.58 Hz																			
+Peak	-Peak	+Peak/2	RMS	Mod. Freq.	SINAD																
FM	22.443 kHz	-30.53 kHz	26.487 kHz	2.9345 kHz	---																
TX-DNH	4FSK	CH _{M2}	MultiViewSpectrumAnalog Demod Ref Level 55.00 dBm Offset 37.00 dB Att 28 dB AQT 100 ms DBW 25 kHz Freq 406.1125 MHz TRG: IFX (17MHz) YIG Bypass IFM Time Domain LAP Cirw DC Ref: 0.00 Hz  CF 406.1125 MHz1001 pts10.0 ms/ 4 Result Summary <table><tr><td colspan="2">Carrier Power 44.79 dBm</td><td colspan="2">Carrier Offset 45.25 Hz</td><td colspan="2"></td></tr><tr><td>+Peak</td><td>-Peak</td><td>+Peak/2</td><td>RMS</td><td>Mod. Freq.</td><td>SINAD</td></tr><tr><td>FM</td><td>25.838 kHz</td><td>-27.499 kHz</td><td>26.669 kHz</td><td>2.7824 kHz</td><td>---</td></tr></table> Analog Demod: Waiting for Trigger... Measuring... 19.01.2022 18:01:40 Date: 19 JAN 2022 18:01:40	Carrier Power 44.79 dBm		Carrier Offset 45.25 Hz				+Peak	-Peak	+Peak/2	RMS	Mod. Freq.	SINAD	FM	25.838 kHz	-27.499 kHz	26.669 kHz	2.7824 kHz	---
Carrier Power 44.79 dBm		Carrier Offset 45.25 Hz																			
+Peak	-Peak	+Peak/2	RMS	Mod. Freq.	SINAD																
FM	25.838 kHz	-27.499 kHz	26.669 kHz	2.7824 kHz	---																
TX-ANH	FM	CH _{M2}	MultiViewSpectrumAnalog Demod Ref Level 55.00 dBm Offset 37.00 dB Att 28 dB AQT 100 ms DBW 25 kHz Freq 406.1125 MHz TRG: IFX (17MHz) YIG Bypass IFM Time Domain LAP Cirw DC Ref: 0.00 Hz  CF 406.1125 MHz1001 pts10.0 ms/ 4 Result Summary <table><tr><td colspan="2">Carrier Power 44.78 dBm</td><td colspan="2">Carrier Offset 46.89 Hz</td><td colspan="2"></td></tr><tr><td>+Peak</td><td>-Peak</td><td>+Peak/2</td><td>RMS</td><td>Mod. Freq.</td><td>SINAD</td></tr><tr><td>FM</td><td>23.949 kHz</td><td>-26.354 kHz</td><td>25.151 kHz</td><td>2.933 kHz</td><td>---</td></tr></table> Analog Demod: Waiting for Trigger... Measuring... 19.01.2022 18:00:11 Date: 19 JAN 2022 18:00:11	Carrier Power 44.78 dBm		Carrier Offset 46.89 Hz				+Peak	-Peak	+Peak/2	RMS	Mod. Freq.	SINAD	FM	23.949 kHz	-26.354 kHz	25.151 kHz	2.933 kHz	---
Carrier Power 44.78 dBm		Carrier Offset 46.89 Hz																			
+Peak	-Peak	+Peak/2	RMS	Mod. Freq.	SINAD																
FM	23.949 kHz	-26.354 kHz	25.151 kHz	2.933 kHz	---																

Appendix H:Transmitter Frequency Behavior

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																								
TX-ANH	FM	CH _{M2}	MultiViewSpectrumAnalog Demod Ref Level 55.00 dBm Offset 37.00 dB Att 28 dB AQT 100 ms DBW 25 kHz Freq 406.1125 MHz TRG: IFX(17MHz) YIG Bypass 1 FM Time Domain CF 406.1125 MHz1001 pts10.0 ms 4 Result Summary <table><thead><tr><th colspan="4">Carrier Power 44.79 dBm</th><th colspan="4">Carrier Offset 45.19 Hz</th></tr><tr><th></th><th>+Peak</th><th>-Peak</th><th>+Peak/2</th><th>RMS</th><th>Mod. Freq.</th><th>SINAD</th><th>THD</th></tr></thead><tbody><tr><td>FM</td><td>22.511 kHz</td><td>-22.289 kHz</td><td>22.4 kHz</td><td>2.6775 kHz</td><td>---</td><td>---</td><td>---</td></tr></tbody></table> Analog Demod: Waiting for Trigger... Measuring... 19.01.2022 18:01:48	Carrier Power 44.79 dBm				Carrier Offset 45.19 Hz					+Peak	-Peak	+Peak/2	RMS	Mod. Freq.	SINAD	THD	FM	22.511 kHz	-22.289 kHz	22.4 kHz	2.6775 kHz	---	---	---
Carrier Power 44.79 dBm				Carrier Offset 45.19 Hz																							
	+Peak	-Peak	+Peak/2	RMS	Mod. Freq.	SINAD	THD																				
FM	22.511 kHz	-22.289 kHz	22.4 kHz	2.6775 kHz	---	---	---																				

Appendix I:Spurious Emission On Antenna Port

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-DNH	4FSK	CHL	
TX-DNH	4FSK	CHM1	
TX-DNH	4FSK	CHM2	

Appendix I:Spurious Emission On Antenna Port

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																														
TX-DNH	4FSK	CH _{M3}	MultiViewSpectrum Ref Level 30.00 dBmOffset 30.50 dBMode Auto Sweep 1 Spurious Emissions M1[1] -38.70 dBm 2.190025000 GHz 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm 9.0 kHz 68704 pts 500.0 MHz/ 5.0 GHz SPURIOUS_LINE_ABS_001 2 Result Summary <table><tr><th>Range Low</th><th>Range Up</th><th>RBW</th><th>Frequency</th><th>Power Abs</th><th>ALimit</th></tr><tr><td>9.000 kHz</td><td>150.000 kHz</td><td>1.000 kHz</td><td>16.74394 kHz</td><td>-69.71 dBm</td><td>-200.00 dB</td></tr><tr><td>150.000 kHz</td><td>30.000 MHz</td><td>10.000 kHz</td><td>288.02174 kHz</td><td>-53.31 dBm</td><td>-200.00 dB</td></tr><tr><td>30.000 MHz</td><td>1.000 GHz</td><td>100.000 kHz</td><td>438.00866 MHz</td><td>-34.12 dBm</td><td>-200.00 dB</td></tr><tr><td>1.000 GHz</td><td>5.000 GHz</td><td>1.000 MHz</td><td>2.19003 GHz</td><td>-38.70 dBm</td><td>-200.00 dB</td></tr></table> Measuring...19.01.2022 18:08:46 Date: 19 JAN 2022 18:08:46	Range Low	Range Up	RBW	Frequency	Power Abs	ALimit	9.000 kHz	150.000 kHz	1.000 kHz	16.74394 kHz	-69.71 dBm	-200.00 dB	150.000 kHz	30.000 MHz	10.000 kHz	288.02174 kHz	-53.31 dBm	-200.00 dB	30.000 MHz	1.000 GHz	100.000 kHz	438.00866 MHz	-34.12 dBm	-200.00 dB	1.000 GHz	5.000 GHz	1.000 MHz	2.19003 GHz	-38.70 dBm	-200.00 dB
Range Low	Range Up	RBW	Frequency	Power Abs	ALimit																												
9.000 kHz	150.000 kHz	1.000 kHz	16.74394 kHz	-69.71 dBm	-200.00 dB																												
150.000 kHz	30.000 MHz	10.000 kHz	288.02174 kHz	-53.31 dBm	-200.00 dB																												
30.000 MHz	1.000 GHz	100.000 kHz	438.00866 MHz	-34.12 dBm	-200.00 dB																												
1.000 GHz	5.000 GHz	1.000 MHz	2.19003 GHz	-38.70 dBm	-200.00 dB																												
TX-DNH	4FSK	CH _H	MultiViewSpectrum Ref Level 30.00 dBmOffset 30.50 dBMode Auto Sweep 1 Spurious Emissions M1[1] -39.22 dBm 1.409925000 GHz 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm 9.0 kHz 68704 pts 500.0 MHz/ 5.0 GHz SPURIOUS_LINE_ABS_001 2 Result Summary <table><tr><th>Range Low</th><th>Range Up</th><th>RBW</th><th>Frequency</th><th>Power Abs</th><th>ALimit</th></tr><tr><td>9.000 kHz</td><td>150.000 kHz</td><td>1.000 kHz</td><td>10.91084 kHz</td><td>-70.13 dBm</td><td>-200.00 dB</td></tr><tr><td>150.000 kHz</td><td>30.000 MHz</td><td>10.000 kHz</td><td>295.48238 kHz</td><td>-60.16 dBm</td><td>-200.00 dB</td></tr><tr><td>30.000 MHz</td><td>1.000 GHz</td><td>100.000 kHz</td><td>469.98734 MHz</td><td>-35.67 dBm</td><td>-200.00 dB</td></tr><tr><td>1.000 GHz</td><td>5.000 GHz</td><td>1.000 MHz</td><td>1.40992 GHz</td><td>-39.22 dBm</td><td>-200.00 dB</td></tr></table> Measuring...19.01.2022 18:12:15 Date: 19 JAN 2022 18:12:15	Range Low	Range Up	RBW	Frequency	Power Abs	ALimit	9.000 kHz	150.000 kHz	1.000 kHz	10.91084 kHz	-70.13 dBm	-200.00 dB	150.000 kHz	30.000 MHz	10.000 kHz	295.48238 kHz	-60.16 dBm	-200.00 dB	30.000 MHz	1.000 GHz	100.000 kHz	469.98734 MHz	-35.67 dBm	-200.00 dB	1.000 GHz	5.000 GHz	1.000 MHz	1.40992 GHz	-39.22 dBm	-200.00 dB
Range Low	Range Up	RBW	Frequency	Power Abs	ALimit																												
9.000 kHz	150.000 kHz	1.000 kHz	10.91084 kHz	-70.13 dBm	-200.00 dB																												
150.000 kHz	30.000 MHz	10.000 kHz	295.48238 kHz	-60.16 dBm	-200.00 dB																												
30.000 MHz	1.000 GHz	100.000 kHz	469.98734 MHz	-35.67 dBm	-200.00 dB																												
1.000 GHz	5.000 GHz	1.000 MHz	1.40992 GHz	-39.22 dBm	-200.00 dB																												
TX-ANH	FM	CH _L	MultiViewSpectrum Ref Level 30.00 dBmOffset 30.50 dBMode Auto Sweep 1 Spurious Emissions M1[1] -44.22 dBm 2.000156000 GHz 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm 9.0 kHz 68704 pts 500.0 MHz/ 5.0 GHz SPURIOUS_LINE_ABS_001 2 Result Summary <table><tr><th>Range Low</th><th>Range Up</th><th>RBW</th><th>Frequency</th><th>Power Abs</th><th>ALimit</th></tr><tr><td>9.000 kHz</td><td>150.000 kHz</td><td>1.000 kHz</td><td>10.70970 kHz</td><td>-70.17 dBm</td><td>-200.00 dB</td></tr><tr><td>150.000 kHz</td><td>30.000 MHz</td><td>10.000 kHz</td><td>288.02174 kHz</td><td>-61.04 dBm</td><td>-200.00 dB</td></tr><tr><td>30.000 MHz</td><td>1.000 GHz</td><td>100.000 kHz</td><td>399.99797 MHz</td><td>-5.46 dBm</td><td>-200.00 dB</td></tr><tr><td>1.000 GHz</td><td>5.000 GHz</td><td>1.000 MHz</td><td>2.72701 GHz</td><td>-44.17 dBm</td><td>-200.00 dB</td></tr></table> Measuring...19.01.2022 18:13:26 Date: 19 JAN 2022 18:13:26	Range Low	Range Up	RBW	Frequency	Power Abs	ALimit	9.000 kHz	150.000 kHz	1.000 kHz	10.70970 kHz	-70.17 dBm	-200.00 dB	150.000 kHz	30.000 MHz	10.000 kHz	288.02174 kHz	-61.04 dBm	-200.00 dB	30.000 MHz	1.000 GHz	100.000 kHz	399.99797 MHz	-5.46 dBm	-200.00 dB	1.000 GHz	5.000 GHz	1.000 MHz	2.72701 GHz	-44.17 dBm	-200.00 dB
Range Low	Range Up	RBW	Frequency	Power Abs	ALimit																												
9.000 kHz	150.000 kHz	1.000 kHz	10.70970 kHz	-70.17 dBm	-200.00 dB																												
150.000 kHz	30.000 MHz	10.000 kHz	288.02174 kHz	-61.04 dBm	-200.00 dB																												
30.000 MHz	1.000 GHz	100.000 kHz	399.99797 MHz	-5.46 dBm	-200.00 dB																												
1.000 GHz	5.000 GHz	1.000 MHz	2.72701 GHz	-44.17 dBm	-200.00 dB																												

Appendix I:Spurious Emission On Antenna Port

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																														
TX-ANH	FM	CHM1	MultiViewSpectrum Ref Level 30.00 dBmOffset 30.50 dBMode Auto Sweep 1 Spurious Emissions M1[1] -39.75 dBm 1.217806000 GHz 2 Result Summary <table><thead><tr><th>Range Low</th><th>Range Up</th><th>RBW</th><th>Frequency</th><th>Power Abs</th><th>ALimit</th></tr></thead><tbody><tr><td>9.000 kHz</td><td>150.000 kHz</td><td>1.000 kHz</td><td>24.78959 kHz</td><td>-70.39 dBm</td><td>-200.00 dB</td></tr><tr><td>150.000 kHz</td><td>30.000 MHz</td><td>10.000 kHz</td><td>295.48238 kHz</td><td>-59.15 dBm</td><td>-200.00 dB</td></tr><tr><td>30.000 MHz</td><td>1.000 GHz</td><td>100.000 kHz</td><td>405.96934 MHz</td><td>-14.53 dBm</td><td>-200.00 dB</td></tr><tr><td>1.000 GHz</td><td>5.000 GHz</td><td>1.000 MHz</td><td>1.21793 GHz</td><td>-39.45 dBm</td><td>-200.00 dB</td></tr></tbody></table> Date: 19 JAN 2022 18:13:50	Range Low	Range Up	RBW	Frequency	Power Abs	ALimit	9.000 kHz	150.000 kHz	1.000 kHz	24.78959 kHz	-70.39 dBm	-200.00 dB	150.000 kHz	30.000 MHz	10.000 kHz	295.48238 kHz	-59.15 dBm	-200.00 dB	30.000 MHz	1.000 GHz	100.000 kHz	405.96934 MHz	-14.53 dBm	-200.00 dB	1.000 GHz	5.000 GHz	1.000 MHz	1.21793 GHz	-39.45 dBm	-200.00 dB
Range Low	Range Up	RBW	Frequency	Power Abs	ALimit																												
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1.000 GHz	5.000 GHz	1.000 MHz	1.21793 GHz	-39.45 dBm	-200.00 dB																												
TX-ANH	FM	CHM2	MultiViewSpectrum Ref Level 30.00 dBmOffset 30.50 dBMode Auto Sweep 1 Spurious Emissions M1[1] -39.87 dBm 1.218306000 GHz 2 Result Summary <table><thead><tr><th>Range Low</th><th>Range Up</th><th>RBW</th><th>Frequency</th><th>Power Abs</th><th>ALimit</th></tr></thead><tbody><tr><td>9.000 kHz</td><td>150.000 kHz</td><td>1.000 kHz</td><td>24.58845 kHz</td><td>-69.80 dBm</td><td>-200.00 dB</td></tr><tr><td>150.000 kHz</td><td>30.000 MHz</td><td>10.000 kHz</td><td>295.48238 kHz</td><td>-60.33 dBm</td><td>-200.00 dB</td></tr><tr><td>30.000 MHz</td><td>1.000 GHz</td><td>100.000 kHz</td><td>406.09059 MHz</td><td>-14.71 dBm</td><td>-200.00 dB</td></tr><tr><td>1.000 GHz</td><td>5.000 GHz</td><td>1.000 MHz</td><td>1.21831 GHz</td><td>-39.87 dBm</td><td>-200.00 dB</td></tr></tbody></table> Date: 19 JAN 2022 18:14:08	Range Low	Range Up	RBW	Frequency	Power Abs	ALimit	9.000 kHz	150.000 kHz	1.000 kHz	24.58845 kHz	-69.80 dBm	-200.00 dB	150.000 kHz	30.000 MHz	10.000 kHz	295.48238 kHz	-60.33 dBm	-200.00 dB	30.000 MHz	1.000 GHz	100.000 kHz	406.09059 MHz	-14.71 dBm	-200.00 dB	1.000 GHz	5.000 GHz	1.000 MHz	1.21831 GHz	-39.87 dBm	-200.00 dB
Range Low	Range Up	RBW	Frequency	Power Abs	ALimit																												
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TX-ANH	FM	CHM3	MultiViewSpectrum Ref Level 30.00 dBmOffset 30.50 dBMode Auto Sweep 1 Spurious Emissions M1[1] -39.29 dBm 2.190025000 GHz 2 Result Summary <table><thead><tr><th>Range Low</th><th>Range Up</th><th>RBW</th><th>Frequency</th><th>Power Abs</th><th>ALimit</th></tr></thead><tbody><tr><td>9.000 kHz</td><td>150.000 kHz</td><td>1.000 kHz</td><td>24.99073 kHz</td><td>-67.44 dBm</td><td>-200.00 dB</td></tr><tr><td>150.000 kHz</td><td>30.000 MHz</td><td>10.000 kHz</td><td>295.48238 kHz</td><td>-60.94 dBm</td><td>-200.00 dB</td></tr><tr><td>30.000 MHz</td><td>1.000 GHz</td><td>100.000 kHz</td><td>438.00866 MHz</td><td>-33.83 dBm</td><td>-200.00 dB</td></tr><tr><td>1.000 GHz</td><td>5.000 GHz</td><td>1.000 MHz</td><td>2.19003 GHz</td><td>-39.29 dBm</td><td>-200.00 dB</td></tr></tbody></table> Date: 19 JAN 2022 18:14:30	Range Low	Range Up	RBW	Frequency	Power Abs	ALimit	9.000 kHz	150.000 kHz	1.000 kHz	24.99073 kHz	-67.44 dBm	-200.00 dB	150.000 kHz	30.000 MHz	10.000 kHz	295.48238 kHz	-60.94 dBm	-200.00 dB	30.000 MHz	1.000 GHz	100.000 kHz	438.00866 MHz	-33.83 dBm	-200.00 dB	1.000 GHz	5.000 GHz	1.000 MHz	2.19003 GHz	-39.29 dBm	-200.00 dB
Range Low	Range Up	RBW	Frequency	Power Abs	ALimit																												
9.000 kHz	150.000 kHz	1.000 kHz	24.99073 kHz	-67.44 dBm	-200.00 dB																												
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Appendix I:Spurious Emission On Antenna Port

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																														
TX-ANH	FM	CH _H	MultiView Spectrum Ref Level 30.00 dBm Offset 30.50 dB Mode Auto Sweep 1 Spurious Emissions 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm SPURIOUS_LINE_A65_001 M1 1 Max -39.56 dBm 1.409925000 GHz 9.0 kHz 68704 pts 500.0 MHz/ 5.0 GHz 2 Result Summary <table><tr><th>Range Low</th><th>Range Up</th><th>RBW</th><th>Frequency</th><th>Power Abs</th><th>At Limit</th></tr><tr><td>9.000 kHz</td><td>150.000 kHz</td><td>1.000 kHz</td><td>12.72111 kHz</td><td>-70.81 dBm</td><td>-200.00 dB</td></tr><tr><td>150.000 kHz</td><td>30.000 MHz</td><td>10.000 kHz</td><td>295.48238 kHz</td><td>-59.44 dBm</td><td>-200.00 dB</td></tr><tr><td>30.000 MHz</td><td>1.000 GHz</td><td>100.000 kHz</td><td>469.98734 MHz</td><td>-35.50 dBm</td><td>-200.00 dB</td></tr><tr><td>1.000 GHz</td><td>5.000 GHz</td><td>1.000 MHz</td><td>1.40980 GHz</td><td>-38.98 dBm</td><td>-200.00 dB</td></tr></table> Measuring... 19.01.2022 18:14:54 Date: 19 JAN 2022 18:14:54	Range Low	Range Up	RBW	Frequency	Power Abs	At Limit	9.000 kHz	150.000 kHz	1.000 kHz	12.72111 kHz	-70.81 dBm	-200.00 dB	150.000 kHz	30.000 MHz	10.000 kHz	295.48238 kHz	-59.44 dBm	-200.00 dB	30.000 MHz	1.000 GHz	100.000 kHz	469.98734 MHz	-35.50 dBm	-200.00 dB	1.000 GHz	5.000 GHz	1.000 MHz	1.40980 GHz	-38.98 dBm	-200.00 dB
Range Low	Range Up	RBW	Frequency	Power Abs	At Limit																												
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----End of Report----