

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 50 AC SENSE: PULSE ALIGN: AUTO 09:02:16 PM Jun 10, 2023 Center Freq 400.100000 MHz Center Freq: 400.100000 MHz Radio Std: None PASS IF Gain: low #Atten: 40 dB Radio Device: BTS Ref Offset 21 dB Ref 36.0 dBm 10 dB/div Log 26.0 16.0 6.00 -4.00 -14.0 -24.0 -34.0 -44.0 -54.0 Center 400.1 MHz Span 120 kHz Total Power Ref 30.52 dBm @ 0.125 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>30.53</td><td>(-1.15)</td><td>0.0</td><td>30.53</td><td>(-1.15)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-45.38</td><td>(-6.35)</td><td>-12.40 k</td><td>-44.88</td><td>(-5.49)</td><td>12.45 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-42.87</td><td>(-22.87)</td><td>-15.75 k</td><td>-43.17</td><td>(-23.17)</td><td>15.75 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> MSO File <MASK D.state> recalled STATUS Frequency Center Freq 400.100000 MHz CF Step 12.000 kHz 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	30.53	(-1.15)	0.0	30.53	(-1.15)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-45.38	(-6.35)	-12.40 k	-44.88	(-5.49)	12.45 k	12.50 kHz	60.00 kHz	100.0 Hz	-42.87	(-22.87)	-15.75 k	-43.17	(-23.17)	15.75 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
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TX-ANL	FM	CH _L	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50 AC SENSE: PULSE ALIGN: AUTO 09:02:37 PM Jun 10, 2023 Center Freq 400.100000 MHz Center Freq: 400.100000 MHz Radio Std: None PASS IF Gain: low #Atten: 40 dB Avg: 100.00% of 10 Radio Device: BTS Ref Offset 21 dB Ref 36.0 dBm 10 dB/div Log 26.0 16.0 6.00 -4.00 -14.0 -24.0 -34.0 -44.0 -54.0 Center 400.1 MHz Span 120 kHz Total Power Ref 30.53 dBm @ 0.125 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>29.71</td><td>(-1.97)</td><td>0.0</td><td>29.71</td><td>(-1.97)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-42.62</td><td>(-3.58)</td><td>-12.40 k</td><td>-44.66</td><td>(-5.99)</td><td>12.35 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-40.97</td><td>(-20.97)</td><td>-13.05 k</td><td>-42.03</td><td>(-22.03)</td><td>13.65 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> MSO File <Temp.png> saved STATUS Frequency Center Freq 400.100000 MHz CF Step 12.000 kHz 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	29.71	(-1.97)	0.0	29.71	(-1.97)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-42.62	(-3.58)	-12.40 k	-44.66	(-5.99)	12.35 k	12.50 kHz	60.00 kHz	100.0 Hz	-40.97	(-20.97)	-13.05 k	-42.03	(-22.03)	13.65 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
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TX-ANL	FM	CH _M	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50 AC SENSE: PULSE ALIGN: AUTO 09:08:45 PM Jun 10, 2023 Center Freq 435.000000 MHz Center Freq: 435.000000 MHz Radio Std: None PASS IF Gain: low #Atten: 40 dB Radio Device: BTS Ref Offset 21 dB Ref 36.0 dBm 10 dB/div Log 26.0 16.0 6.00 -4.00 -14.0 -24.0 -34.0 -44.0 -54.0 Center 435 MHz Span 120 kHz Total Power Ref 30.77 dBm @ 0.125 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>30.75</td><td>(-1.09)</td><td>0.0</td><td>30.75</td><td>(-1.09)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-42.87</td><td>(-4.73)</td><td>-12.30 k</td><td>-43.02</td><td>(-4.88)</td><td>12.30 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-43.46</td><td>(-23.48)</td><td>-12.60 k</td><td>-43.15</td><td>(-23.15)</td><td>14.05 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 435.000000 MHz CF Step 12.000 kHz 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	30.75	(-1.09)	0.0	30.75	(-1.09)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-42.87	(-4.73)	-12.30 k	-43.02	(-4.88)	12.30 k	12.50 kHz	60.00 kHz	100.0 Hz	-43.46	(-23.48)	-12.60 k	-43.15	(-23.15)	14.05 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
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Appendix C:Emission Mask

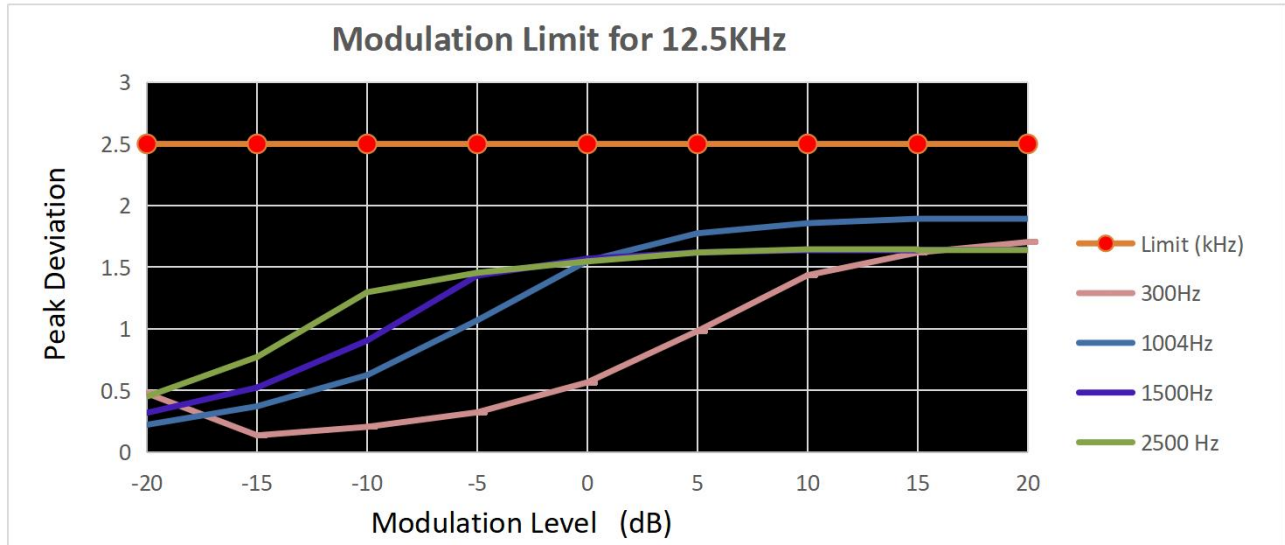
Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																															
TX-ANL	FM	CH _M	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50.0 AC SENSE:PULSE ALIGN:AUTO 03:09:07 PM Jan 10, 2023 Center Freq 435.000000 MHz Center Freq: 435.000000 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run Avg: 100.00% of 10 #Atten: 40 dB Radio Device: BTS Ref Offset 21 dB Ref 36.0 dBm 10 dB/div Log 26.0 16.0 6.00 0.00 -14.0 -24.0 -34.0 -44.0 -54.0 Center 435 MHz Span 120 kHz Total Power Ref 30.80 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>29.95</td><td>(-1.89)</td><td>0.0</td><td>29.95</td><td>(-1.89)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-39.52</td><td>(-2.83)</td><td>-12.10 k</td><td>-41.24</td><td>(-3.10)</td><td>12.30 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-40.86</td><td>(-20.86)</td><td>-14.05 k</td><td>-41.41</td><td>(-21.41)</td><td>12.50 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> msd File <Temp.png> saved STATUS Frequency Center Freq 435.000000 MHz CF Step 12.000 kHz Auto Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	29.95	(-1.89)	0.0	29.95	(-1.89)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-39.52	(-2.83)	-12.10 k	-41.24	(-3.10)	12.30 k	12.50 kHz	60.00 kHz	100.0 Hz	-40.86	(-20.86)	-14.05 k	-41.41	(-21.41)	12.50 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
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TX-ANL	FM	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50.0 AC SENSE:PULSE ALIGN:AUTO 03:19:32 PM Jan 10, 2023 Center Freq 479.900000 MHz Center Freq: 479.900000 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run Avg: 100.00% of 10 #Atten: 40 dB Radio Device: BTS Ref Offset 21 dB Ref 36.0 dBm 10 dB/div Log 26.0 16.0 6.00 0.00 -14.0 -24.0 -34.0 -44.0 -54.0 Center 479.9 MHz Span 120 kHz Total Power Ref 30.65 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>30.51</td><td>(-1.18)</td><td>0.0</td><td>30.51</td><td>(-1.18)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-45.87</td><td>(-6.12)</td><td>-12.50 k</td><td>-44.67</td><td>(-4.91)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-41.27</td><td>(-21.27)</td><td>-12.75 k</td><td>-41.55</td><td>(-21.55)</td><td>12.75 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table> msd File <MASK D.state> recalled STATUS Frequency Center Freq 479.900000 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	30.51	(-1.18)	0.0	30.51	(-1.18)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-45.87	(-6.12)	-12.50 k	-44.67	(-4.91)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-41.27	(-21.27)	-12.75 k	-41.55	(-21.55)	12.75 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
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			0.0 Hz	5.625 kHz	100.0 Hz	29.80	(-1.89)	0.0	29.80	(-1.89)	0.0																																																							
5.625 kHz	12.50 kHz	100.0 Hz	-42.02	(-2.63)	-12.45 k	-40.75	(-2.09)	12.35 k																																																										
12.50 kHz	60.00 kHz	100.0 Hz	-40.66	(-20.66)	-15.20 k	-41.27	(-21.27)	12.55 k																																																										
4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										

Appendix 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	0.477	0.222	0.319	0.451	2.5	PASS
TX-ANH	FM	CH _M	-15	0.136	0.372	0.524	0.772	2.5	PASS
TX-ANH	FM	CH _M	-10	0.205	0.625	0.905	1.297	2.5	PASS
TX-ANH	FM	CH _M	-5	0.323	1.069	1.432	1.455	2.5	PASS
TX-ANH	FM	CH _M	0	0.566	1.551	1.569	1.547	2.5	PASS
TX-ANH	FM	CH _M	5	0.982	1.775	1.621	1.619	2.5	PASS
TX-ANH	FM	CH _M	10	1.435	1.857	1.637	1.645	2.5	PASS
TX-ANH	FM	CH _M	15	1.619	1.893	1.641	1.639	2.5	PASS
TX-ANH	FM	CH _M	20	1.704	1.895	1.641	1.633	2.5	PASS

Appendix D:Modulation Limit

TEST PLOT RESULT

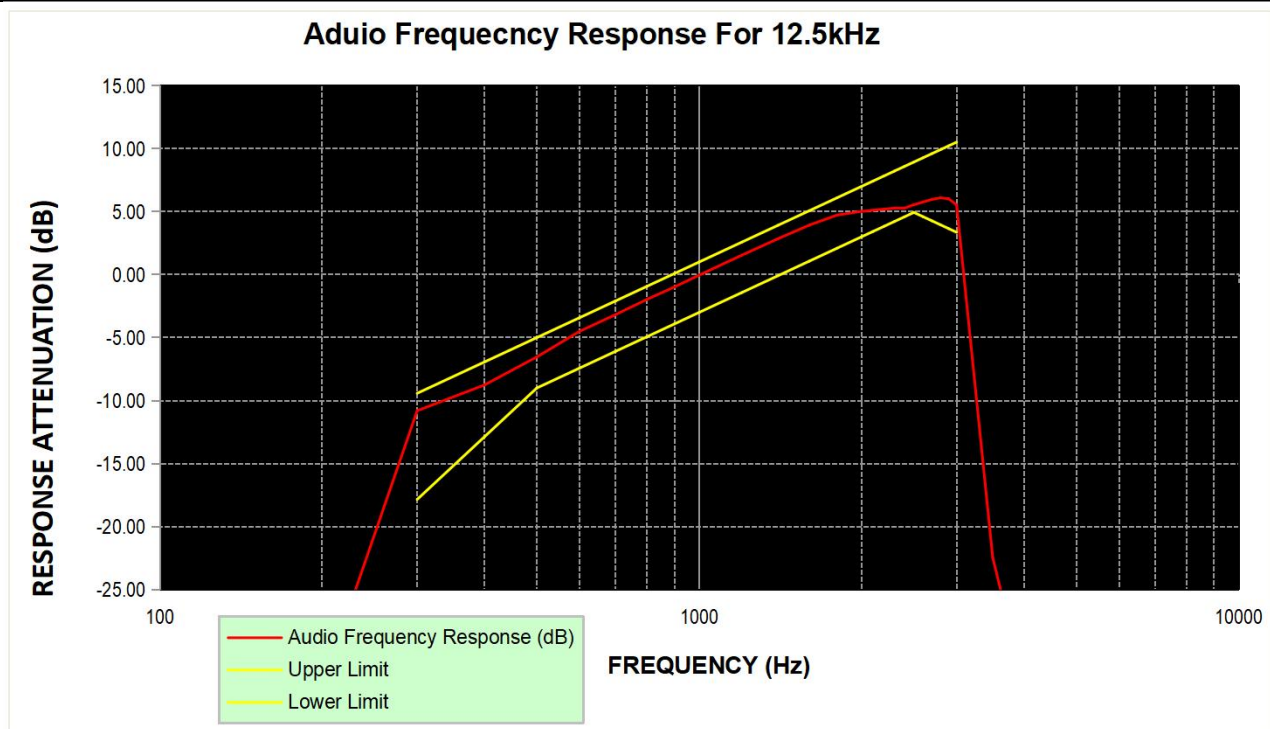


Appendix E:Audio Frequency Response

Operation Mode	Modulation Type	Test Channel	Frequency (Hz)	Audio Frequency Response (dB)	Lower Limit	Upper Limit	Result
TX-ANH	FM	CH _M	100	-32.86			PASS
TX-ANH	FM	CH _M	200	-32.68			PASS
TX-ANH	FM	CH _M	300	-10.80	-17.84	-9.42	PASS
TX-ANH	FM	CH _M	400	-8.76	-12.86	-6.93	PASS
TX-ANH	FM	CH _M	500	-6.54	-9.00	-5.00	PASS
TX-ANH	FM	CH _M	600	-4.50	-7.42	-3.42	PASS
TX-ANH	FM	CH _M	700	-3.17	-6.09	-2.09	PASS
TX-ANH	FM	CH _M	800	-1.97	-4.93	-0.93	PASS
TX-ANH	FM	CH _M	900	-0.98	-3.91	0.09	PASS
TX-ANH	FM	CH _M	1000	-0.04	-3.00	1.00	PASS
TX-ANH	FM	CH _M	1200	1.54	-1.42	2.58	PASS
TX-ANH	FM	CH _M	1400	2.85	-0.09	3.91	PASS
TX-ANH	FM	CH _M	1600	3.93	1.07	5.07	PASS
TX-ANH	FM	CH _M	1800	4.72	2.09	6.09	PASS
TX-ANH	FM	CH _M	2000	5.02	3.00	7.00	PASS
TX-ANH	FM	CH _M	2100	5.11	3.42	7.42	PASS
TX-ANH	FM	CH _M	2200	5.19	3.83	7.83	PASS
TX-ANH	FM	CH _M	2300	5.27	4.21	8.21	PASS
TX-ANH	FM	CH _M	2400	5.27	4.58	8.58	PASS
TX-ANH	FM	CH _M	2500	5.54	4.93	8.93	PASS
TX-ANH	FM	CH _M	2600	5.76	4.59	9.27	PASS
TX-ANH	FM	CH _M	2700	5.97	4.27	9.60	PASS
TX-ANH	FM	CH _M	2800	6.09	3.95	9.91	PASS
TX-ANH	FM	CH _M	2900	6.02	3.65	10.22	PASS
TX-ANH	FM	CH _M	3000	5.53	3.35	10.51	PASS
TX-ANH	FM	CH _M	3500	-22.46			PASS
TX-ANH	FM	CH _M	4000	-32.65			PASS
TX-ANH	FM	CH _M	4500	-32.47			PASS
TX-ANH	FM	CH _M	5000	-32.78			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	-0.833	-0.731	-0.698	±5.0	PASS
TX-DNH	4FSK	V _N	-20	-0.824	-0.785	-0.731	±5.0	PASS
TX-DNH	4FSK	V _N	-10	-0.823	-0.783	-0.731	±5.0	PASS
TX-DNH	4FSK	V _N	0	-0.821	-0.725	-0.707	±5.0	PASS
TX-DNH	4FSK	V _N	10	-0.801	-0.775	-0.726	±5.0	PASS
TX-DNH	4FSK	V _N	20	-0.769	-0.723	-0.687	±5.0	PASS
TX-DNH	4FSK	V _N	30	-0.806	-0.752	-0.754	±5.0	PASS
TX-DNH	4FSK	V _N	40	-0.794	-0.738	-0.725	±5.0	PASS
TX-DNH	4FSK	V _N	50	-0.832	-0.772	-0.721	±5.0	PASS
TX-DNL	4FSK	V _N	-30	-0.786	-0.724	-0.678	±5.0	PASS
TX-DNL	4FSK	V _N	-20	-0.790	-0.744	-0.663	±5.0	PASS
TX-DNL	4FSK	V _N	-10	-0.821	-0.753	-0.685	±5.0	PASS
TX-DNL	4FSK	V _N	0	-0.812	-0.763	-0.682	±5.0	PASS
TX-DNL	4FSK	V _N	10	-0.791	-0.736	-0.691	±5.0	PASS
TX-DNL	4FSK	V _N	20	-0.777	-0.709	-0.654	±5.0	PASS
TX-DNL	4FSK	V _N	30	-0.811	-0.755	-0.712	±5.0	PASS
TX-DNL	4FSK	V _N	40	-0.819	-0.732	-0.664	±5.0	PASS
TX-DNL	4FSK	V _N	50	-0.853	-0.765	-0.691	±5.0	PASS
TX-ANH	FM	V _N	-30	0.084	0.057	0.012	±5.0	PASS
TX-ANH	FM	V _N	-20	0.084	0.053	0.012	±5.0	PASS
TX-ANH	FM	V _N	-10	0.086	0.058	0.011	±5.0	PASS
TX-ANH	FM	V _N	0	0.085	0.054	0.011	±5.0	PASS
TX-ANH	FM	V _N	10	0.086	0.055	0.012	±5.0	PASS
TX-ANH	FM	V _N	20	0.080	0.053	0.011	±5.0	PASS
TX-ANH	FM	V _N	30	0.086	0.054	0.012	±5.0	PASS
TX-ANH	FM	V _N	40	0.083	0.055	0.012	±5.0	PASS
TX-ANH	FM	V _N	50	0.084	0.056	0.012	±5.0	PASS
TX-ANL	FM	V _N	-30	0.075	0.040	0.035	±5.0	PASS
TX-ANL	FM	V _N	-20	0.081	0.040	0.035	±5.0	PASS
TX-ANL	FM	V _N	-10	0.080	0.041	0.035	±5.0	PASS
TX-ANL	FM	V _N	0	0.076	0.041	0.034	±5.0	PASS
TX-ANL	FM	V _N	10	0.080	0.041	0.035	±5.0	PASS
TX-ANL	FM	V _N	20	0.074	0.038	0.034	±5.0	PASS
TX-ANL	FM	V _N	30	0.080	0.040	0.034	±5.0	PASS
TX-ANL	FM	V _N	40	0.075	0.041	0.037	±5.0	PASS
TX-ANL	FM	V _N	50	0.077	0.042	0.036	±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	-0.769	-0.723	-0.687	±5.0	PASS
TX-DNH	4FSK	V _L	T _N	-0.775	-0.728	-0.701	±5.0	PASS
TX-DNH	4FSK	V _H	T _N	-0.788	-0.737	-0.723	±5.0	PASS
TX-DNL	4FSK	V _N	T _N	-0.777	-0.709	-0.654	±5.0	PASS
TX-DNL	4FSK	V _L	T _N	-0.786	-0.714	-0.664	±5.0	PASS
TX-DNL	4FSK	V _H	T _N	-0.816	-0.729	-0.664	±5.0	PASS
TX-ANH	FM	V _N	T _N	0.080	0.053	0.011	±5.0	PASS
TX-ANH	FM	V _L	T _N	0.081	0.054	0.011	±5.0	PASS
TX-ANH	FM	V _H	T _N	0.081	0.055	0.011	±5.0	PASS
TX-ANL	FM	V _N	T _N	0.074	0.038	0.034	±5.0	PASS
TX-ANL	FM	V _L	T _N	0.075	0.038	0.034	±5.0	PASS
TX-ANL	FM	V _H	T _N	0.078	0.039	0.035	±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 47.00 dBm Offset 27.00 dB Att 30 dB AQT 100 ms DBW 25 kHz Freq 435.0 MHz TRG: IFY (17MHz) YIG Bypass 1 FM Time Domain CF 435.0 MHz 1001 pts 10.0 ms/ 4 Result Summary <table border="1"> <thead> <tr> <th colspan="2">Carrier Power 38.13 dBm</th> <th colspan="2">Carrier Offset -62.59 Hz</th> </tr> </thead> <tbody> <tr> <td>+Peak</td> <td>-Peak</td> <td>+Peak/2</td> <td>RMS</td> </tr> <tr> <td>19.597 kHz</td> <td>-12.765 kHz</td> <td>16.181 kHz</td> <td>2.7431 kHz</td> </tr> </tbody> </table> Mod. Freq. --- SINAD --- THD --- Analog Demod: Waiting for Trigger... Measuring... Date: 11. JAN 2023 10:30:48	Carrier Power 38.13 dBm		Carrier Offset -62.59 Hz		+Peak	-Peak	+Peak/2	RMS	19.597 kHz	-12.765 kHz	16.181 kHz	2.7431 kHz
Carrier Power 38.13 dBm		Carrier Offset -62.59 Hz													
+Peak	-Peak	+Peak/2	RMS												
19.597 kHz	-12.765 kHz	16.181 kHz	2.7431 kHz												
TX-DNH	4FSK	CH _M	MultiView Spectrum Analog Demod Ref Level 47.00 dBm Offset 27.00 dB Att 30 dB AQT 100 ms DBW 25 kHz Freq 435.0 MHz TRG: IFY (17MHz) YIG Bypass 1 FM Time Domain CF 435.0 MHz 1001 pts 10.0 ms/ 4 Result Summary <table border="1"> <thead> <tr> <th colspan="2">Carrier Power 38.11 dBm</th> <th colspan="2">Carrier Offset -33.78 Hz</th> </tr> </thead> <tbody> <tr> <td>+Peak</td> <td>-Peak</td> <td>+Peak/2</td> <td>RMS</td> </tr> <tr> <td>17.341 kHz</td> <td>-35.291 kHz</td> <td>26.316 kHz</td> <td>2.873 kHz</td> </tr> </tbody> </table> Mod. Freq. --- SINAD --- THD --- Analog Demod: Waiting for Trigger... Measuring... Date: 11. JAN 2023 10:28:50	Carrier Power 38.11 dBm		Carrier Offset -33.78 Hz		+Peak	-Peak	+Peak/2	RMS	17.341 kHz	-35.291 kHz	26.316 kHz	2.873 kHz
Carrier Power 38.11 dBm		Carrier Offset -33.78 Hz													
+Peak	-Peak	+Peak/2	RMS												
17.341 kHz	-35.291 kHz	26.316 kHz	2.873 kHz												
TX-ANH	FM	CH _M	MultiView Spectrum Analog Demod Ref Level 47.00 dBm Offset 27.00 dB Att 30 dB AQT 100 ms DBW 25 kHz Freq 435.0 MHz TRG: IFY (17MHz) YIG Bypass 1 FM Time Domain CF 435.0 MHz 1001 pts 10.0 ms/ 4 Result Summary <table border="1"> <thead> <tr> <th colspan="2">Carrier Power 38.12 dBm</th> <th colspan="2">Carrier Offset -51.43 Hz</th> </tr> </thead> <tbody> <tr> <td>+Peak</td> <td>-Peak</td> <td>+Peak/2</td> <td>RMS</td> </tr> <tr> <td>16.388 kHz</td> <td>-24.804 kHz</td> <td>20.596 kHz</td> <td>2.7795 kHz</td> </tr> </tbody> </table> Mod. Freq. --- SINAD --- THD --- Analog Demod: Waiting for Trigger... Measuring... Date: 11. JAN 2023 10:30:16	Carrier Power 38.12 dBm		Carrier Offset -51.43 Hz		+Peak	-Peak	+Peak/2	RMS	16.388 kHz	-24.804 kHz	20.596 kHz	2.7795 kHz
Carrier Power 38.12 dBm		Carrier Offset -51.43 Hz													
+Peak	-Peak	+Peak/2	RMS												
16.388 kHz	-24.804 kHz	20.596 kHz	2.7795 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 47.00 dBm Offset 27.00 dB Att 30 dB AQT 100 ms DBW 25 kHz Freq 435.0 MHz TRG:IF(17MHz) TIG Bypass Time Domain CF 435.0 MHz 1001 pts 10.0 ms/ 4 Result Summary <table border="1"> <thead> <tr> <th colspan="2">Carrier Power 38.11 dBm</th> <th colspan="2">Carrier Offset -33.78 Hz</th> </tr> <tr> <th>+Peak</th> <th>-Peak</th> <th>+Peak/2</th> <th>RMS</th> </tr> </thead> <tbody> <tr> <td>17.341 kHz</td> <td>-35.291 kHz</td> <td>26.316 kHz</td> <td>2.873 kHz</td> </tr> </tbody> </table> Mod. Freq. --- SINAD --- THD --- Analog Demod: Waiting for Trigger... Date: 11.01.2023 10:28:50	Carrier Power 38.11 dBm		Carrier Offset -33.78 Hz		+Peak	-Peak	+Peak/2	RMS	17.341 kHz	-35.291 kHz	26.316 kHz	2.873 kHz
Carrier Power 38.11 dBm		Carrier Offset -33.78 Hz													
+Peak	-Peak	+Peak/2	RMS												
17.341 kHz	-35.291 kHz	26.316 kHz	2.873 kHz												

Appendix I:Spurious Emission On Antenna Port

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																																																																												
TX-DNH	4FSK	CH _L	Agilent Spectrum Analyzer - Swept SA Center Freq 515.000000 MHz Ref Offset 20 dB Ref 0.00 dBm Mkr3 109.54 MHz -53.701 dBm Start 30.0 MHz #Res BW 100 kHz #VBW 300 kHz Stop 1.0000 GHz Sweep 92.73 ms (1001 pts) <table><tr><th>Mkr</th><th>Mode</th><th>Trig</th><th>SCL</th><th>X</th><th>Y</th><th>Function</th><th>Function Width</th><th>Function Value</th></tr><tr><td>1</td><td>N</td><td>1</td><td>f</td><td>400.54 MHz</td><td>-10.510 dBm</td><td></td><td></td><td></td></tr><tr><td>2</td><td>N</td><td>1</td><td>f</td><td>800.18 MHz</td><td>-44.345 dBm</td><td></td><td></td><td></td></tr><tr><td>3</td><td>N</td><td>1</td><td>f</td><td>109.54 MHz</td><td>-53.701 dBm</td><td></td><td></td><td></td></tr><tr><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>7</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>8</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>9</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>10</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>11</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table> MSO STATUS Frequency Auto Tune Center Freq 515.000000 MHz Start Freq 30.000000 MHz Stop Freq 1.000000000 GHz CF Step 97.000000 MHz Auto Man Freq Offset 0 Hz	Mkr	Mode	Trig	SCL	X	Y	Function	Function Width	Function Value	1	N	1	f	400.54 MHz	-10.510 dBm				2	N	1	f	800.18 MHz	-44.345 dBm				3	N	1	f	109.54 MHz	-53.701 dBm				4									5									6									7									8									9									10									11								
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TX-DNH	4FSK	CH _L	Agilent Spectrum Analyzer - Swept SA Center Freq 2.500500000 GHz Ref Offset 20 dB Ref 0.00 dBm Mkr1 1.201 GHz -48.661 dBm Start 1.000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Stop 4.001 GHz Sweep 5.067 ms (1001 pts) <table><tr><th>Mkr</th><th>Mode</th><th>Trig</th><th>SCL</th><th>X</th><th>Y</th><th>Function</th><th>Function Width</th><th>Function Value</th></tr><tr><td>1</td><td>N</td><td>1</td><td>f</td><td>400.54 MHz</td><td>-10.510 dBm</td><td></td><td></td><td></td></tr><tr><td>2</td><td>N</td><td>1</td><td>f</td><td>800.18 MHz</td><td>-44.345 dBm</td><td></td><td></td><td></td></tr><tr><td>3</td><td>N</td><td>1</td><td>f</td><td>109.54 MHz</td><td>-53.701 dBm</td><td></td><td></td><td></td></tr><tr><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>7</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>8</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>9</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>10</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>11</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table> MSO File <Temp.png> saved STATUS Frequency Auto Tune Center Freq 2.500500000 GHz Start Freq 1.000000000 GHz Stop Freq 4.001000000 GHz CF Step 300.100000 MHz Auto Man Freq Offset 0 Hz	Mkr	Mode	Trig	SCL	X	Y	Function	Function Width	Function Value	1	N	1	f	400.54 MHz	-10.510 dBm				2	N	1	f	800.18 MHz	-44.345 dBm				3	N	1	f	109.54 MHz	-53.701 dBm				4									5									6									7									8									9									10									11								
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TX-DNH	4FSK	CH _M	Agilent Spectrum Analyzer - Swept SA Center Freq 515.000000 MHz Ref Offset 20 dB Ref 0.00 dBm Mkr3 870.02 MHz -60.221 dBm Start 30.0 MHz #Res BW 100 kHz #VBW 300 kHz Stop 1.0000 GHz Sweep 92.73 ms (1001 pts) <table><tr><th>Mkr</th><th>Mode</th><th>Trig</th><th>SCL</th><th>X</th><th>Y</th><th>Function</th><th>Function Width</th><th>Function Value</th></tr><tr><td>1</td><td>N</td><td>1</td><td>f</td><td>435.46 MHz</td><td>-47.404 dBm</td><td></td><td></td><td></td></tr><tr><td>2</td><td>N</td><td>1</td><td>f</td><td>416.06 MHz</td><td>-54.173 dBm</td><td></td><td></td><td></td></tr><tr><td>3</td><td>N</td><td>1</td><td>f</td><td>870.02 MHz</td><td>-60.221 dBm</td><td></td><td></td><td></td></tr><tr><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>7</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>8</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>9</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>10</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>11</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table> MSO STATUS Frequency Auto Tune Center Freq 515.000000 MHz Start Freq 30.000000 MHz Stop Freq 1.000000000 GHz CF Step 97.000000 MHz Auto Man Freq Offset 0 Hz	Mkr	Mode	Trig	SCL	X	Y	Function	Function Width	Function Value	1	N	1	f	435.46 MHz	-47.404 dBm				2	N	1	f	416.06 MHz	-54.173 dBm				3	N	1	f	870.02 MHz	-60.221 dBm				4									5									6									7									8									9									10									11								
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Appendix I:Spurious Emission On Antenna Port

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-DNH	4FSK	CH _M	Agilent Spectrum Analyzer - Swept SA Center Freq 2.675000000 GHz Ref Offset 20 dB Ref 0.00 dBm Mkr1 1.30485 GHz -49.829 dBm Start 1.000 GHz #Res BW 1.0 MHz Stop 4.350 GHz #VBW 3.0 MHz Sweep 5.600 ms (1001 pts) MSG File <Temp.png> saved Frequency Auto Tune Center Freq 2.675000000 GHz Start Freq 1.000000000 GHz Stop Freq 4.350000000 GHz CF Step 335.000000 MHz Auto Man Freq Offset 0 Hz
TX-DNH	4FSK	CH _H	Agilent Spectrum Analyzer - Swept SA Center Freq 515.0000000 MHz Ref Offset 20 dB Ref 0.00 dBm Mkr3 416.06 MHz -57.813 dBm Start 30.0 MHz #Res BW 100 kHz Stop 1.0000 GHz #VBW 300 kHz Sweep 92.73 ms (1001 pts) MSG File <Temp.png> saved Frequency Auto Tune Center Freq 515.000000 MHz Start Freq 30.000000 MHz Stop Freq 1.000000000 GHz CF Step 97.000000 MHz Auto Man Freq Offset 0 Hz
TX-DNH	4FSK	CH _H	Agilent Spectrum Analyzer - Swept SA Center Freq 2.899500000 GHz Ref Offset 20 dB Ref 0.00 dBm Mkr1 4.799 GHz -42.180 dBm Start 1.000 GHz #Res BW 1.0 MHz Stop 4.799 GHz #VBW 3.0 MHz Sweep 6.333 ms (1001 pts) MSG File <Temp.png> saved Frequency Auto Tune Center Freq 2.899500000 GHz Start Freq 1.000000000 GHz Stop Freq 4.799000000 GHz CF Step 379.900000 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 20 dB Ref 0.00 dBm Mkr3 109.54 MHz -52.829 dBm Start 30.0 MHz #Res BW 100 kHz #VBW 300 kHz Stop 1.000 GHz Sweep 92.73 ms (1001 pts) <table><tr><th>MKR</th><th>MODE</th><th>TRC</th><th>SCL</th><th>X</th><th>Y</th><th>FUNCTION</th><th>FUNCTION WIDTH</th><th>FUNCTION VALUE</th></tr><tr><td>1</td><td>N</td><td>1</td><td>f</td><td>400.54 MHz</td><td>-13.482 dBm</td><td></td><td></td><td></td></tr><tr><td>2</td><td>N</td><td>1</td><td>f</td><td>800.18 MHz</td><td>-50.906 dBm</td><td></td><td></td><td></td></tr><tr><td>3</td><td>N</td><td>1</td><td>f</td><td>109.54 MHz</td><td>-52.829 dBm</td><td></td><td></td><td></td></tr></table> Frequency Auto Tune Center Freq 515.000000 MHz Start Freq 30.000000 MHz Stop Freq 1.000000000 GHz CF Step 97.000000 MHz Auto Man Freq Offset 0 Hz	MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	400.54 MHz	-13.482 dBm				2	N	1	f	800.18 MHz	-50.906 dBm				3	N	1	f	109.54 MHz	-52.829 dBm			
MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE																															
1	N	1	f	400.54 MHz	-13.482 dBm																																		
2	N	1	f	800.18 MHz	-50.906 dBm																																		
3	N	1	f	109.54 MHz	-52.829 dBm																																		
TX-ANH	FM	CHL	Agilent Spectrum Analyzer - Swept SA Center Freq 2.500500000 GHz Ref Offset 20 dB Ref 0.00 dBm Mkr1 1.201 GHz -48.827 dBm Start 1.000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Stop 4.001 GHz Sweep 5.067 ms (1001 pts) <table><tr><th>MKR</th><th>MODE</th><th>TRC</th><th>SCL</th><th>X</th><th>Y</th><th>FUNCTION</th><th>FUNCTION WIDTH</th><th>FUNCTION VALUE</th></tr><tr><td>1</td><td>N</td><td>1</td><td>f</td><td>1.201 GHz</td><td>-48.827 dBm</td><td></td><td></td><td></td></tr></table> Frequency Auto Tune Center Freq 2.500500000 GHz Start Freq 1.000000000 GHz Stop Freq 4.001000000 GHz CF Step 300.100000 MHz Auto Man Freq Offset 0 Hz	MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	1.201 GHz	-48.827 dBm																					
MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE																															
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TX-ANH	FM	CHM	Agilent Spectrum Analyzer - Swept SA Center Freq 515.000000 MHz Ref Offset 20 dB Ref 0.00 dBm Mkr3 700.27 MHz -61.184 dBm Start 30.0 MHz #Res BW 100 kHz #VBW 300 kHz Stop 1.000 GHz Sweep 92.73 ms (1001 pts) <table><tr><th>MKR</th><th>MODE</th><th>TRC</th><th>SCL</th><th>X</th><th>Y</th><th>FUNCTION</th><th>FUNCTION WIDTH</th><th>FUNCTION VALUE</th></tr><tr><td>1</td><td>N</td><td>1</td><td>f</td><td>435.46 MHz</td><td>-46.602 dBm</td><td></td><td></td><td></td></tr><tr><td>2</td><td>N</td><td>1</td><td>f</td><td>870.02 MHz</td><td>-50.781 dBm</td><td></td><td></td><td></td></tr><tr><td>3</td><td>N</td><td>1</td><td>f</td><td>700.27 MHz</td><td>-61.184 dBm</td><td></td><td></td><td></td></tr></table> Frequency Auto Tune Center Freq 515.000000 MHz Start Freq 30.000000 MHz Stop Freq 1.000000000 GHz CF Step 97.000000 MHz Auto Man Freq Offset 0 Hz	MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	435.46 MHz	-46.602 dBm				2	N	1	f	870.02 MHz	-50.781 dBm				3	N	1	f	700.27 MHz	-61.184 dBm			
MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE																															
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Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																																																																												
TX-ANH	FM	CH _M	Agilent Spectrum Analyzer - Swept SA RL RF ISO IF GC SENSE: PULSE ALIGN: AUTO 03:28:41 PM Jan 10, 2023 Center Freq 2.675000000 GHz PN0: Fast IF Gain: Low Trig: Free Run Atten: 6 dB Avg Type: Log-Pwr Avg/Hold: 33/100 TRACE 1 2 3 4 5 TYPE MAAAAA DET MINN Ref Offset 20 dB Ref 0.00 dBm Mkr1 3.29140 GHz -51.561 dBm 10 dB/div Log Start 1.000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Stop 4.350 GHz Sweep 5.600 ms (1001 pts) MSO File <Temp.png> saved STATUS Frequency Auto Tune Center Freq 2.675000000 GHz Start Freq 1.000000000 GHz Stop Freq 4.350000000 GHz CF Step 335.000000 MHz Auto Man Freq Offset 0 Hz																																																																																																												
TX-ANH	FM	CH _H	Agilent Spectrum Analyzer - Swept SA RL RF ISO IF GC SENSE: PULSE ALIGN: AUTO 03:29:23 PM Jan 10, 2023 Center Freq 515.0000000 MHz PN0: 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 MAAAAA DET MINN Ref Offset 20 dB Ref 0.00 dBm Mkr3 442.25 MHz -59.374 dBm 10 dB/div Log Start 30.0 MHz #Res BW 100 kHz #VBW 300 kHz Stop 1.000 GHz Sweep 92.73 ms (1001 pts) MSO STATUS Frequency Auto Tune Center Freq 515.000000 MHz Start Freq 30.000000 MHz Stop Freq 1.000000000 GHz CF Step 97.000000 MHz Auto Man Freq Offset 0 Hz <table><tr><th>MKR</th><th>MODE</th><th>TRG</th><th>SOL</th><th>X</th><th>Y</th><th>FUNCTION</th><th>FUNCTION WIDTH</th><th>FUNCTION VALUE</th></tr><tr><td>1</td><td>N</td><td>1</td><td>f</td><td>480.08 MHz</td><td>-31.395 dBm</td><td></td><td></td><td></td></tr><tr><td>2</td><td>N</td><td>1</td><td>f</td><td>960.23 MHz</td><td>-52.679 dBm</td><td></td><td></td><td></td></tr><tr><td>3</td><td>N</td><td>1</td><td>f</td><td>442.25 MHz</td><td>-59.374 dBm</td><td></td><td></td><td></td></tr><tr><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>7</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>8</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>9</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>10</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>11</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>	MKR	MODE	TRG	SOL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	480.08 MHz	-31.395 dBm				2	N	1	f	960.23 MHz	-52.679 dBm				3	N	1	f	442.25 MHz	-59.374 dBm				4									5									6									7									8									9									10									11								
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TX-ANH	FM	CH _H	Agilent Spectrum Analyzer - Swept SA RL RF ISO IF GC SENSE: PULSE ALIGN: AUTO 03:29:35 PM Jan 10, 2023 Center Freq 2.899500000 GHz PN0: Fast IF Gain: Low Trig: Free Run Atten: 6 dB Avg Type: Log-Pwr Avg/Hold: 33/100 TRACE 1 2 3 4 5 TYPE MAAAAA DET MINN Ref Offset 20 dB Ref 0.00 dBm Mkr1 3.283 GHz -52.364 dBm 10 dB/div Log Start 1.000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Stop 4.799 GHz Sweep 6.333 ms (1001 pts) MSO File <Temp.png> saved STATUS Frequency Auto Tune Center Freq 2.899500000 GHz Start Freq 1.000000000 GHz Stop Freq 4.799000000 GHz CF Step 379.900000 MHz Auto Man Freq Offset 0 Hz																																																																																																												