

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	0.079	0.185	0.259	0.403	2.5	PASS
TX-ANH	FM	CH _M	-15	0.122	0.300	0.432	0.681	2.5	PASS
TX-ANH	FM	CH _M	-10	0.168	0.498	0.743	1.192	2.5	PASS
TX-ANH	FM	CH _M	-5	0.260	0.861	1.278	1.922	2.5	PASS
TX-ANH	FM	CH _M	0	0.445	1.526	1.974	2.149	2.5	PASS
TX-ANH	FM	CH _M	5	0.919	1.852	2.127	2.220	2.5	PASS
TX-ANH	FM	CH _M	10	1.331	2.069	2.167	2.247	2.5	PASS
TX-ANH	FM	CH _M	15	1.569	2.087	2.193	2.268	2.5	PASS
TX-ANH	FM	CH _M	20	2.262	2.114	2.182	2.287	2.5	PASS

Appendix D:Modulation Limit

TEST PLOT RESULT

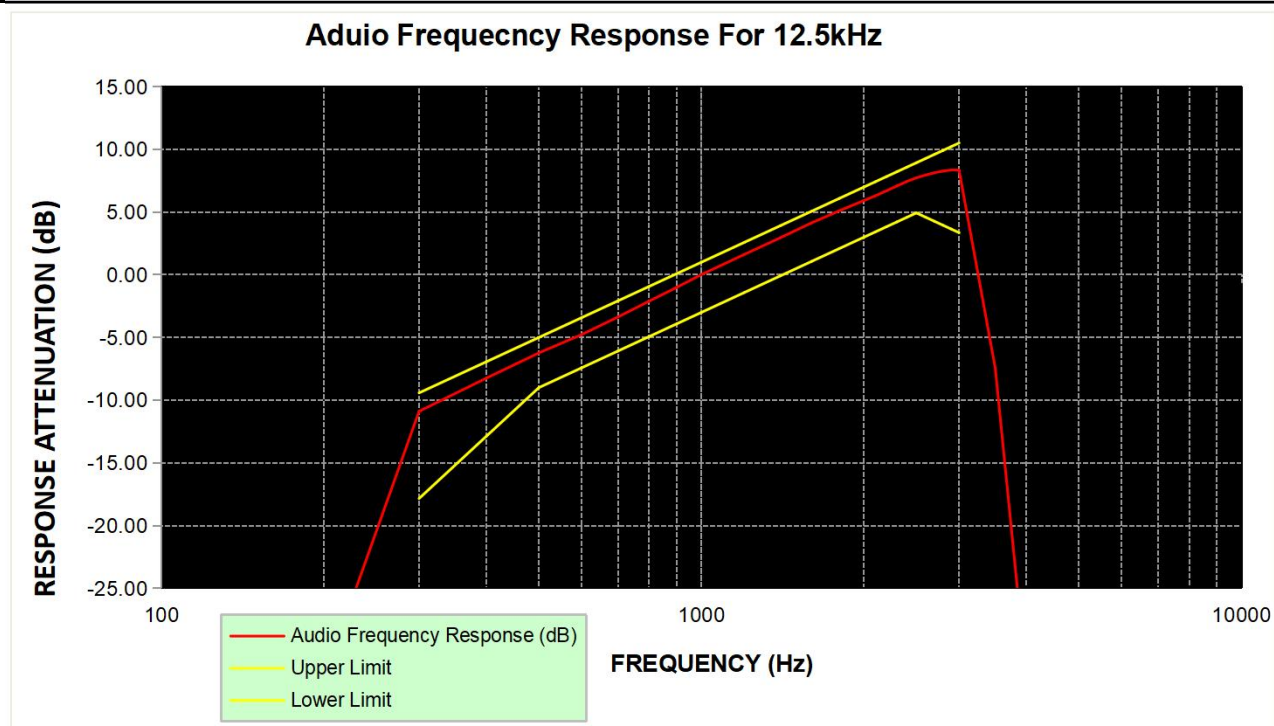


Appendix E:Audio Frequency Response

Operation Mode	Modulation Type	Test Channel	Frequency (Hz)	Audio Frequency Response (dB)	Lower Limit	Upper Limit	Result
TX-ANH	FM	CH _M	100	-32.25			PASS
TX-ANH	FM	CH _M	200	-32.19			PASS
TX-ANH	FM	CH _M	300	-10.89	-17.84	-9.42	PASS
TX-ANH	FM	CH _M	400	-8.24	-12.86	-6.93	PASS
TX-ANH	FM	CH _M	500	-6.23	-9.00	-5.00	PASS
TX-ANH	FM	CH _M	600	-4.77	-7.42	-3.42	PASS
TX-ANH	FM	CH _M	700	-3.38	-6.09	-2.09	PASS
TX-ANH	FM	CH _M	800	-2.11	-4.93	-0.93	PASS
TX-ANH	FM	CH _M	900	-1.00	-3.91	0.09	PASS
TX-ANH	FM	CH _M	1000	0.02	-3.00	1.00	PASS
TX-ANH	FM	CH _M	1200	1.62	-1.42	2.58	PASS
TX-ANH	FM	CH _M	1400	2.95	-0.09	3.91	PASS
TX-ANH	FM	CH _M	1600	4.14	1.07	5.07	PASS
TX-ANH	FM	CH _M	1800	5.10	2.09	6.09	PASS
TX-ANH	FM	CH _M	2000	5.92	3.00	7.00	PASS
TX-ANH	FM	CH _M	2100	6.30	3.42	7.42	PASS
TX-ANH	FM	CH _M	2200	6.69	3.83	7.83	PASS
TX-ANH	FM	CH _M	2300	7.08	4.21	8.21	PASS
TX-ANH	FM	CH _M	2400	7.44	4.58	8.58	PASS
TX-ANH	FM	CH _M	2500	7.73	4.93	8.93	PASS
TX-ANH	FM	CH _M	2600	7.95	4.59	9.27	PASS
TX-ANH	FM	CH _M	2700	8.13	4.27	9.60	PASS
TX-ANH	FM	CH _M	2800	8.27	3.95	9.91	PASS
TX-ANH	FM	CH _M	2900	8.35	3.65	10.22	PASS
TX-ANH	FM	CH _M	3000	8.31	3.35	10.51	PASS
TX-ANH	FM	CH _M	3500	-7.46			PASS
TX-ANH	FM	CH _M	4000	-32.36			PASS
TX-ANH	FM	CH _M	4500	-32.30			PASS
TX-ANH	FM	CH _M	5000	-32.18			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-	4FSK	V _N	-30	-0.141	-0.134	-0.157	±5.0	PASS
TX-	4FSK	V _N	-20	-0.145	-0.133	-0.166	±5.0	PASS
TX-	4FSK	V _N	-10	-0.147	-0.129	-0.162	±5.0	PASS
TX-	4FSK	V _N	0	-0.141	-0.141	-0.158	±5.0	PASS
TX-	4FSK	V _N	10	-0.148	-0.131	-0.168	±5.0	PASS
TX-	4FSK	V _N	20	-0.135	-0.128	-0.156	±5.0	PASS
TX-	4FSK	V _N	30	-0.141	-0.139	-0.163	±5.0	PASS
TX-	4FSK	V _N	40	-0.145	-0.139	-0.159	±5.0	PASS
TX-	4FSK	V _N	50	-0.136	-0.131	-0.165	±5.0	PASS
TX-	4FSK	V _N	-30	-0.108	-0.126	-0.107	±5.0	PASS
TX-	4FSK	V _N	-20	-0.105	-0.131	-0.107	±5.0	PASS
TX-	4FSK	V _N	-10	-0.099	-0.136	-0.112	±5.0	PASS
TX-	4FSK	V _N	0	-0.105	-0.125	-0.108	±5.0	PASS
TX-	4FSK	V _N	10	-0.107	-0.135	-0.112	±5.0	PASS
TX-	4FSK	V _N	20	-0.099	-0.125	-0.105	±5.0	PASS
TX-	4FSK	V _N	30	-0.102	-0.129	-0.105	±5.0	PASS
TX-	4FSK	V _N	40	-0.101	-0.131	-0.109	±5.0	PASS
TX-	4FSK	V _N	50	-0.101	-0.133	-0.110	±5.0	PASS
TX-DNH	4FSK	V _N	-30	-0.004	-0.024	-0.014	±5.0	PASS
TX-DNH	4FSK	V _N	-20	-0.004	-0.023	-0.014	±5.0	PASS
TX-DNH	4FSK	V _N	-10	-0.004	-0.024	-0.013	±5.0	PASS
TX-DNH	4FSK	V _N	0	-0.004	-0.024	-0.014	±5.0	PASS
TX-DNH	4FSK	V _N	10	-0.004	-0.025	-0.014	±5.0	PASS
TX-DNH	4FSK	V _N	20	-0.004	-0.023	-0.013	±5.0	PASS
TX-DNH	4FSK	V _N	30	-0.004	-0.025	-0.014	±5.0	PASS
TX-DNH	4FSK	V _N	40	-0.004	-0.024	-0.014	±5.0	PASS
TX-DNH	4FSK	V _N	50	-0.004	-0.024	-0.013	±5.0	PASS
TX-DNL	4FSK	V _N	-30	-0.027	-0.039	-0.027	±5.0	PASS
TX-DNL	4FSK	V _N	-20	-0.027	-0.039	-0.026	±5.0	PASS
TX-DNL	4FSK	V _N	-10	-0.027	-0.038	-0.026	±5.0	PASS
TX-DNL	4FSK	V _N	0	-0.028	-0.039	-0.027	±5.0	PASS
TX-DNL	4FSK	V _N	10	-0.026	-0.039	-0.026	±5.0	PASS
TX-DNL	4FSK	V _N	20	-0.026	-0.037	-0.025	±5.0	PASS
TX-DNL	4FSK	V _N	30	-0.028	-0.040	-0.025	±5.0	PASS
TX-DNL	4FSK	V _N	40	-0.028	-0.039	-0.026	±5.0	PASS
TX-DNL	4FSK	V _N	50	-0.027	-0.039	-0.026	±5.0	PASS
TX-ANH	FM	V _N	-30	0.016	0.108	0.107	±5.0	PASS
TX-ANH	FM	V _N	-20	0.016	0.115	0.114	±5.0	PASS
TX-ANH	FM	V _N	-10	0.016	0.113	0.112	±5.0	PASS
TX-ANH	FM	V _N	0	0.017	0.113	0.112	±5.0	PASS
TX-ANH	FM	V _N	10	0.016	0.113	0.106	±5.0	PASS
TX-ANH	FM	V _N	20	0.016	0.106	0.105	±5.0	PASS
TX-ANH	FM	V _N	30	0.017	0.107	0.112	±5.0	PASS
TX-ANH	FM	V _N	40	0.017	0.115	0.112	±5.0	PASS
TX-ANH	FM	V _N	50	0.017	0.107	0.111	±5.0	PASS

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-ANL	FM	V _N	-30	0.049	0.106	0.110	±5.0	PASS
TX-ANL	FM	V _N	-20	0.050	0.109	0.112	±5.0	PASS
TX-ANL	FM	V _N	-10	0.050	0.115	0.106	±5.0	PASS
TX-ANL	FM	V _N	0	0.051	0.114	0.108	±5.0	PASS
TX-ANL	FM	V _N	10	0.049	0.106	0.110	±5.0	PASS
TX-ANL	FM	V _N	20	0.048	0.105	0.103	±5.0	PASS
TX-ANL	FM	V _N	30	0.049	0.114	0.112	±5.0	PASS
TX-ANL	FM	V _N	40	0.053	0.109	0.104	±5.0	PASS
TX-ANL	FM	V _N	50	0.049	0.108	0.111	±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-NXDNH	4FSK	V _N	T _N	-0.135	-0.128	-0.156	±5.0	PASS
TX-NXDNH	4FSK	V _L	T _N	-0.136	-0.129	-0.156	±5.0	PASS
TX-NXDNH	4FSK	V _H	T _N	-0.139	-0.132	-0.157	±5.0	PASS
TX-NXDNL	4FSK	V _N	T _N	-0.099	-0.125	-0.105	±5.0	PASS
TX-NXDNL	4FSK	V _L	T _N	-0.099	-0.127	-0.107	±5.0	PASS
TX-NXDNL	4FSK	V _H	T _N	-0.103	-0.126	-0.107	±5.0	PASS
TX-DNH	4FSK	V _N	T _N	-0.004	-0.023	-0.013	±5.0	PASS
TX-DNH	4FSK	V _L	T _N	-0.004	-0.023	-0.013	±5.0	PASS
TX-DNH	4FSK	V _H	T _N	-0.004	-0.024	-0.014	±5.0	PASS
TX-DNL	4FSK	V _N	T _N	-0.026	-0.037	-0.025	±5.0	PASS
TX-DNL	4FSK	V _L	T _N	-0.026	-0.037	-0.025	±5.0	PASS
TX-DNL	4FSK	V _H	T _N	-0.027	-0.039	-0.026	±5.0	PASS
TX-ANH	FM	V _N	T _N	0.016	0.106	0.105	±5.0	PASS
TX-ANH	FM	V _L	T _N	0.016	0.108	0.105	±5.0	PASS
TX-ANH	FM	V _H	T _N	0.017	0.111	0.109	±5.0	PASS
TX-ANL	FM	V _N	T _N	0.048	0.105	0.103	±5.0	PASS
TX-ANL	FM	V _L	T _N	0.048	0.106	0.104	±5.0	PASS
TX-ANL	FM	V _H	T _N	0.050	0.108	0.107	±5.0	PASS

Appendix H:Transmitter Frequency Behavior

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-NXDNH	4FSK	CH _M	MultiViewSpectrumAnalog Demod Ref Level 50.00 dBm Offset 20.50 dB Att 39 dB AQT 99.968 ms DBW 12.5 kHz Freq 155.0 MHz TRG:IFR(17MHz) YIG Bypass 1 FM Time Domain 6.252 kHz 4.689 kHz 3.126 kHz 1.563 kHz 0 Hz -1.563 kHz -3.126 kHz -4.689 kHz -6.252 kHz CF 155.0 MHz 1001 pts 10.0 ms/ 4 Result Summary Carrier Power 43.00 dBm Carrier Offset -13.99 Hz FM +Peak 6.9311 kHz -Peak -7.05 kHz +Peak/2 6.9906 kHz RMS 1.3343 kHz Mod. Freq. --- SINAD --- THD --- Analog Demod: Waiting for Trigger... Measuring... 18.09.2025 14:43:09 Date: 18.SEP.2025 14:43:09
TX-NXDNH	4FSK	CH _M	MultiViewSpectrumAnalog Demod Ref Level 50.00 dBm Offset 20.50 dB Att 39 dB AQT 99.968 ms DBW 12.5 kHz Freq 155.0 MHz TRG:IFR(17MHz) YIG Bypass 1 FM Time Domain 6.252 kHz 4.689 kHz 3.126 kHz 1.563 kHz 0 Hz -1.563 kHz -3.126 kHz -4.689 kHz -6.252 kHz CF 155.0 MHz 1001 pts 10.0 ms/ 4 Result Summary Carrier Power 42.95 dBm Carrier Offset -16.26 Hz FM +Peak 6.8053 kHz -Peak -9.7835 kHz +Peak/2 8.2944 kHz RMS 1.4963 kHz Mod. Freq. --- SINAD --- THD --- Analog Demod: Waiting for Trigger... Measuring... 18.09.2025 14:47:37 Date: 18.SEP.2025 14:47:37
TX-DNH	4FSK	CH _M	MultiViewSpectrumAnalog Demod Ref Level 50.00 dBm Offset 20.50 dB Att 39 dB AQT 100 ms DBW 25 kHz Freq 155.0 MHz TRG:IFR(17MHz) YIG Bypass 1 FM Time Domain 32.5 kHz 22.5 kHz 12.5 kHz 2.5 kHz 0 Hz -2.5 kHz -12.5 kHz -22.5 kHz -32.5 kHz CF 155.0 MHz 1001 pts 10.0 ms/ 4 Result Summary Carrier Power 43.02 dBm Carrier Offset -12.42 Hz FM +Peak 20.876 kHz -Peak -18.682 kHz +Peak/2 19.779 kHz RMS 2.8029 kHz Mod. Freq. --- SINAD --- THD --- Analog Demod: Waiting for Trigger... Measuring... 18.09.2025 12:05:34 Date: 18.SEP.2025 12:05:34
			OFF~ON

OFF~ON

Appendix H:Transmitter Frequency Behavior

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																
TX-DNH	4FSK	CH _M	MultiViewSpectrumAnalog Demod Ref Level 50.00 dBm Offset 20.50 dB Att 39 dB AQT 100 ms DBW 25 kHz Freq 155.0 MHz TRG:IFR(17MHz) YIG Bypass 1 FM Time Domain CF 155.0 MHz 1001 pts 10.0 ms/ 4 Result Summary <table><tr><td></td><td>Carrier Power 42.97 dBm</td><td>Carrier Offset -13.88 Hz</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>FM</td><td>+Peak 16.707 kHz</td><td>-Peak -20.058 kHz</td><td>+Peak/2 18.383 kHz</td><td>RMS 9.2154 kHz</td><td>Mod. Freq. 961.56 Hz</td><td>SINAD</td><td>THD</td></tr></table> Analog Demod: Waiting for Trigger... Measuring... 18.09.2025 12:07:15 Date: 18.SEP.2025 12:07:15 ON-OFF		Carrier Power 42.97 dBm	Carrier Offset -13.88 Hz						FM	+Peak 16.707 kHz	-Peak -20.058 kHz	+Peak/2 18.383 kHz	RMS 9.2154 kHz	Mod. Freq. 961.56 Hz	SINAD	THD
	Carrier Power 42.97 dBm	Carrier Offset -13.88 Hz																	
FM	+Peak 16.707 kHz	-Peak -20.058 kHz	+Peak/2 18.383 kHz	RMS 9.2154 kHz	Mod. Freq. 961.56 Hz	SINAD	THD												
TX-ANH	FM	CH _M	MultiViewSpectrumAnalog Demod Ref Level 50.00 dBm Offset 20.50 dB Att 39 dB AQT 100 ms DBW 25 kHz Freq 155.0 MHz TRG:IFR(17MHz) YIG Bypass 1 FM Time Domain CF 155.0 MHz 1001 pts 10.0 ms/ 4 Result Summary <table><tr><td></td><td>Carrier Power 43.03 dBm</td><td>Carrier Offset -15.83 Hz</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>FM</td><td>+Peak 22.804 kHz</td><td>-Peak -21.469 kHz</td><td>+Peak/2 22.136 kHz</td><td>RMS 2.8087 kHz</td><td>Mod. Freq.</td><td>SINAD</td><td>THD</td></tr></table> Analog Demod: Waiting for Trigger... Measuring... 18.09.2025 12:05:04 Date: 18.SEP.2025 12:05:04 OFF~ON		Carrier Power 43.03 dBm	Carrier Offset -15.83 Hz						FM	+Peak 22.804 kHz	-Peak -21.469 kHz	+Peak/2 22.136 kHz	RMS 2.8087 kHz	Mod. Freq.	SINAD	THD
	Carrier Power 43.03 dBm	Carrier Offset -15.83 Hz																	
FM	+Peak 22.804 kHz	-Peak -21.469 kHz	+Peak/2 22.136 kHz	RMS 2.8087 kHz	Mod. Freq.	SINAD	THD												
TX-ANH	FM	CH _M	MultiViewSpectrumAnalog Demod Ref Level 50.00 dBm Offset 20.50 dB Att 39 dB AQT 100 ms DBW 25 kHz Freq 155.0 MHz TRG:IFR(17MHz) YIG Bypass 1 FM Time Domain CF 155.0 MHz 1001 pts 10.0 ms/ 4 Result Summary <table><tr><td></td><td>Carrier Power 42.97 dBm</td><td>Carrier Offset -9.50 Hz</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>FM</td><td>+Peak 16.393 kHz</td><td>-Peak -21.811 kHz</td><td>+Peak/2 19.102 kHz</td><td>RMS 2.9154 kHz</td><td>Mod. Freq.</td><td>SINAD</td><td>THD</td></tr></table> Analog Demod: Waiting for Trigger... Measuring... 18.09.2025 12:06:34 Date: 18.SEP.2025 12:06:34 ON-OFF		Carrier Power 42.97 dBm	Carrier Offset -9.50 Hz						FM	+Peak 16.393 kHz	-Peak -21.811 kHz	+Peak/2 19.102 kHz	RMS 2.9154 kHz	Mod. Freq.	SINAD	THD
	Carrier Power 42.97 dBm	Carrier Offset -9.50 Hz																	
FM	+Peak 16.393 kHz	-Peak -21.811 kHz	+Peak/2 19.102 kHz	RMS 2.9154 kHz	Mod. Freq.	SINAD	THD												

Appendix I:Spurious Emission On Antenna Port

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT												
TX-NXDNH	4FSK	CHL	MultiViewSpectrum Ref Level 30.00 dBm Offset 20.50 dB Mode Auto Sweep 1 Spurious Emissions M2[1] -35.31 dBm M1[1] -4.76 dBm 136.0150 MHz 30.0 MHz32001 pts97.0 MHz/1.0 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>ALimit</th></tr><tr><td>30.000 MHz</td><td>1.000 GHz</td><td>100.000 kHz</td><td>136.01466 MHz</td><td>-4.76 dBm</td><td>-200.00 dB</td></tr></table> Measuring... 22.09.2025 16:27:45 Date: 22 SEP.2025 16:27:45	Range Low	Range Up	RBW	Frequency	Power Abs	ALimit	30.000 MHz	1.000 GHz	100.000 kHz	136.01466 MHz	-4.76 dBm	-200.00 dB
Range Low	Range Up	RBW	Frequency	Power Abs	ALimit										
30.000 MHz	1.000 GHz	100.000 kHz	136.01466 MHz	-4.76 dBm	-200.00 dB										
TX-NXDNH	4FSK	CHL	MultiViewSpectrum Ref Level 30.00 dBm Offset 20.50 dB Mode Auto Sweep 1 Spurious Emissions M1[1] -35.31 dBm 1.3419790 GHz 1.0 GHz32001 pts36.01 MHz/1.360125 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>ALimit</th></tr><tr><td>1.000 GHz</td><td>1.360 GHz</td><td>1.000 MHz</td><td>1.34198 GHz</td><td>-46.51 dBm</td><td>-28.51 dB</td></tr></table> Measuring... 22.09.2025 16:29:32 Date: 22 SEP.2025 16:29:32	Range Low	Range Up	RBW	Frequency	Power Abs	ALimit	1.000 GHz	1.360 GHz	1.000 MHz	1.34198 GHz	-46.51 dBm	-28.51 dB
Range Low	Range Up	RBW	Frequency	Power Abs	ALimit										
1.000 GHz	1.360 GHz	1.000 MHz	1.34198 GHz	-46.51 dBm	-28.51 dB										
TX-NXDNH	4FSK	CHM	MultiViewSpectrum Ref Level 30.00 dBm Offset 20.50 dB Mode Auto Sweep 1 Spurious Emissions M1[1] -32.72 dBm 65.3280 MHz 30.0 MHz32001 pts97.0 MHz/1.0 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>ALimit</th></tr><tr><td>30.000 MHz</td><td>1.000 GHz</td><td>100.000 kHz</td><td>65.32811 MHz</td><td>-32.72 dBm</td><td>-14.72 dB</td></tr></table> Measuring... 22.09.2025 16:31:09 Date: 22 SEP.2025 16:31:09	Range Low	Range Up	RBW	Frequency	Power Abs	ALimit	30.000 MHz	1.000 GHz	100.000 kHz	65.32811 MHz	-32.72 dBm	-14.72 dB
Range Low	Range Up	RBW	Frequency	Power Abs	ALimit										
30.000 MHz	1.000 GHz	100.000 kHz	65.32811 MHz	-32.72 dBm	-14.72 dB										

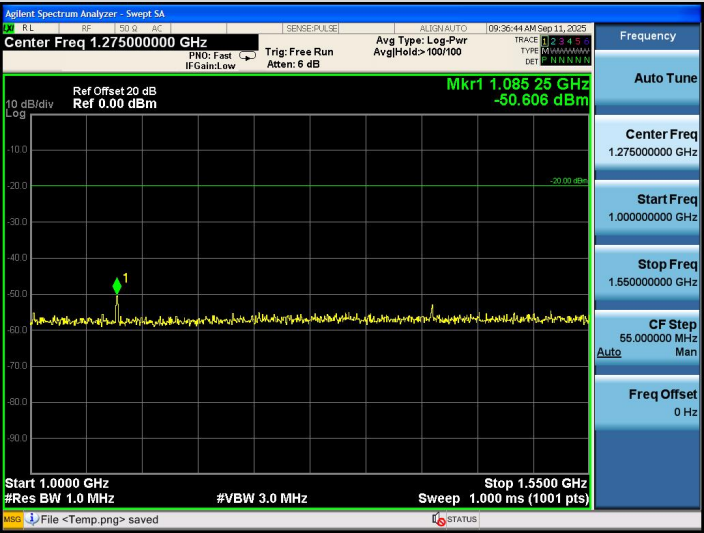
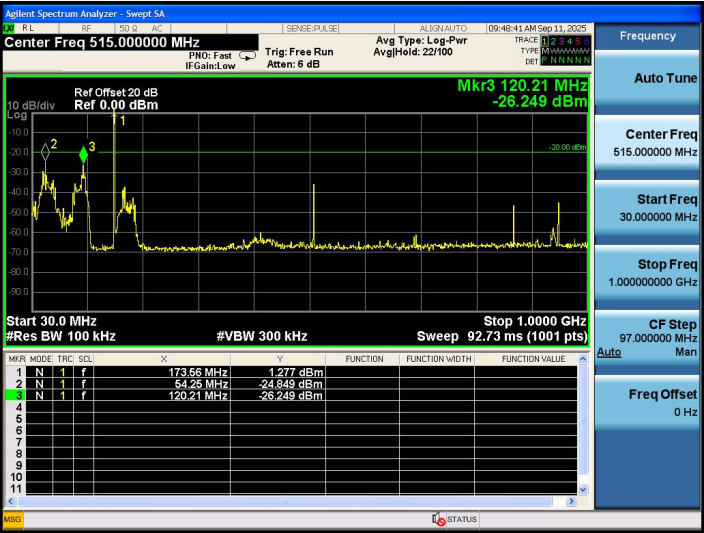
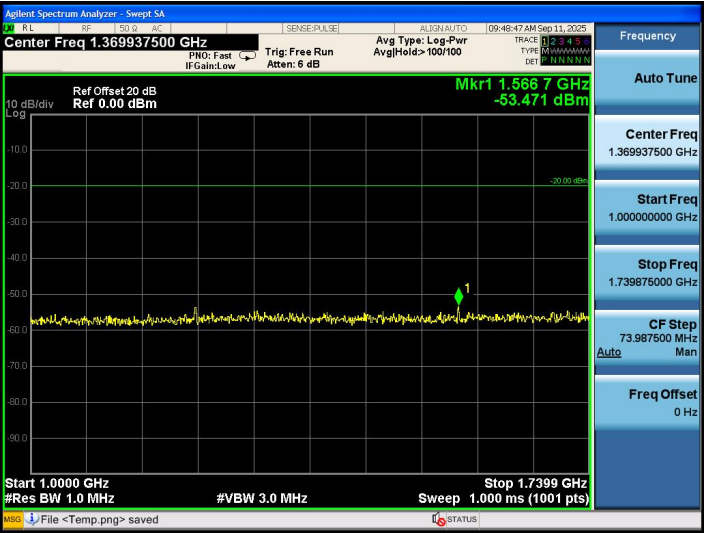
Appendix I:Spurious Emission On Antenna Port

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT												
TX-NXDNH	4FSK	CH _M	MultiViewSpectrum Ref Level 30.00 dBm Offset 20.50 dB Mode Auto Sweep 1 Spurious Emissions Limit Check Line _SPURIOUS_LINE_ABS_001 PASS PASS M1[1] -47.07 dBm 1.5060100 GHz 20 dBm 10 dBm 0 dBm -10 dBm -30 dBm -40 dBm -50 dBm SPURIOUS_LINE_ABS_001 1.0 GHz32001 pts55.0 MHz/1.55 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>ΔLimit</th></tr><tr><td>1.000 GHz</td><td>1.550 GHz</td><td>1.000 MHz</td><td>1.50601 GHz</td><td>-47.07 dBm</td><td>-29.07 dB</td></tr></table> Measuring... 22.09.2025 16:30:33 Date: 22 SEP.2025 16:30:34	Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit	1.000 GHz	1.550 GHz	1.000 MHz	1.50601 GHz	-47.07 dBm	-29.07 dB
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit										
1.000 GHz	1.550 GHz	1.000 MHz	1.50601 GHz	-47.07 dBm	-29.07 dB										
TX-NXDNH	4FSK	CH _H	MultiViewSpectrum Ref Level 30.00 dBm Offset 20.50 dB Mode Auto Sweep 1 Spurious Emissions M2[1] -23.84 dBm 53.9610 MHz M1[1] 16.47 dBm 173.9650 MHz 20 dBm 10 dBm 0 dBm -10 dBm -30 dBm -40 dBm -50 dBm SPURIOUS_LINE_ABS_001 30.0 MHz32001 pts97.0 MHz/1.0 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>ΔLimit</th></tr><tr><td>30.000 MHz</td><td>1.000 GHz</td><td>100.000 kHz</td><td>173.96472 MHz</td><td>16.47 dBm</td><td>-200.00 dB</td></tr></table> Measuring... 22.09.2025 16:32:22 Date: 22 SEP.2025 16:32:22	Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit	30.000 MHz	1.000 GHz	100.000 kHz	173.96472 MHz	16.47 dBm	-200.00 dB
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit										
30.000 MHz	1.000 GHz	100.000 kHz	173.96472 MHz	16.47 dBm	-200.00 dB										
TX-NXDNH	4FSK	CH _H	MultiViewSpectrum Ref Level 30.00 dBm Offset 20.50 dB Mode Auto Sweep 1 Spurious Emissions Limit Check Line _SPURIOUS_LINE_ABS_001 PASS PASS M1[1] -46.94 dBm 1.4944410 GHz 20 dBm 10 dBm 0 dBm -10 dBm -30 dBm -40 dBm -50 dBm SPURIOUS_LINE_ABS_001 1.0 GHz32001 pts73.99 MHz/1.739875 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>ΔLimit</th></tr><tr><td>1.000 GHz</td><td>1.740 GHz</td><td>1.000 MHz</td><td>1.49444 GHz</td><td>-46.94 dBm</td><td>-28.94 dB</td></tr></table> Measuring... 22.09.2025 16:33:22 Date: 22 SEP.2025 16:33:22	Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit	1.000 GHz	1.740 GHz	1.000 MHz	1.49444 GHz	-46.94 dBm	-28.94 dB
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit										
1.000 GHz	1.740 GHz	1.000 MHz	1.49444 GHz	-46.94 dBm	-28.94 dB										

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 10 dB/div Log 1 2 3 Mkr3 65.89 MHz -36.398 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>MNFR</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>135.73 MHz</td><td>-2.252 dBm</td><td></td><td></td><td></td></tr><tr><td>2</td><td>N</td><td>1</td><td>f</td><td>409.30 MHz</td><td>-34.250 dBm</td><td></td><td></td><td></td></tr><tr><td>3</td><td>N</td><td>1</td><td>f</td><td>65.89 MHz</td><td>-36.398 dBm</td><td></td><td></td><td></td></tr></table> 30MHz~1GHz	MNFR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	135.73 MHz	-2.252 dBm				2	N	1	f	409.30 MHz	-34.250 dBm				3	N	1	f	65.89 MHz	-36.398 dBm			
MNFR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE																															
1	N	1	f	135.73 MHz	-2.252 dBm																																		
2	N	1	f	409.30 MHz	-34.250 dBm																																		
3	N	1	f	65.89 MHz	-36.398 dBm																																		
TX-DNH	4FSK	CH _L	Agilent Spectrum Analyzer - Swept SA Center Freq 1.180062500 GHz Ref Offset 20 dB Ref 0.00 dBm 10 dB/div Log 1 Mkr1 1.225 GHz -54.255 dBm Start 1.0000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Stop 1.3601 GHz Sweep 1.000 ms (1001 pts) <table><tr><th>MNFR</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>1.225 GHz</td><td>-54.255 dBm</td><td></td><td></td><td></td></tr></table> 1GHz~10th Harmonic	MNFR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	1.225 GHz	-54.255 dBm																					
MNFR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE																															
1	N	1	f	1.225 GHz	-54.255 dBm																																		
TX-DNH	4FSK	CH _M	Agilent Spectrum Analyzer - Swept SA Center Freq 515.000000 MHz Ref Offset 20 dB Ref 0.00 dBm 10 dB/div Log 1 2 3 Mkr3 52.31 MHz -34.903 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>MNFR</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>155.13 MHz</td><td>-0.493 dBm</td><td></td><td></td><td></td></tr><tr><td>2</td><td>N</td><td>1</td><td>f</td><td>54.92 MHz</td><td>-33.762 dBm</td><td></td><td></td><td></td></tr><tr><td>3</td><td>N</td><td>1</td><td>f</td><td>52.31 MHz</td><td>-34.903 dBm</td><td></td><td></td><td></td></tr></table> 30MHz~1GHz	MNFR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	155.13 MHz	-0.493 dBm				2	N	1	f	54.92 MHz	-33.762 dBm				3	N	1	f	52.31 MHz	-34.903 dBm			
MNFR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE																															
1	N	1	f	155.13 MHz	-0.493 dBm																																		
2	N	1	f	54.92 MHz	-33.762 dBm																																		
3	N	1	f	52.31 MHz	-34.903 dBm																																		

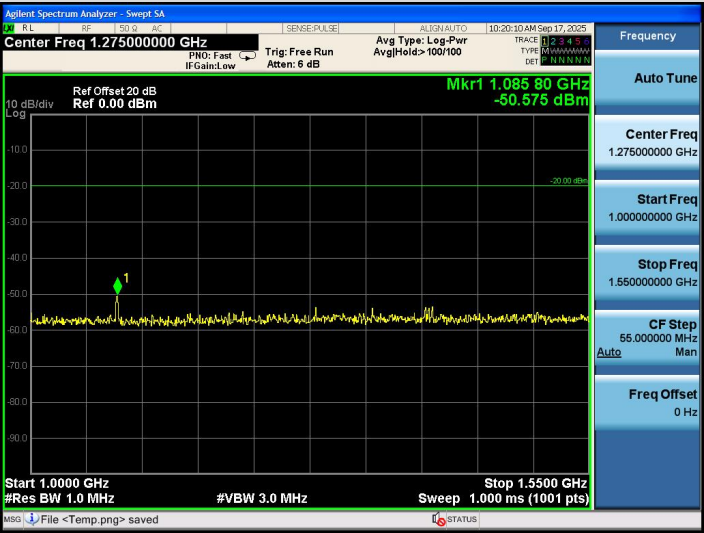
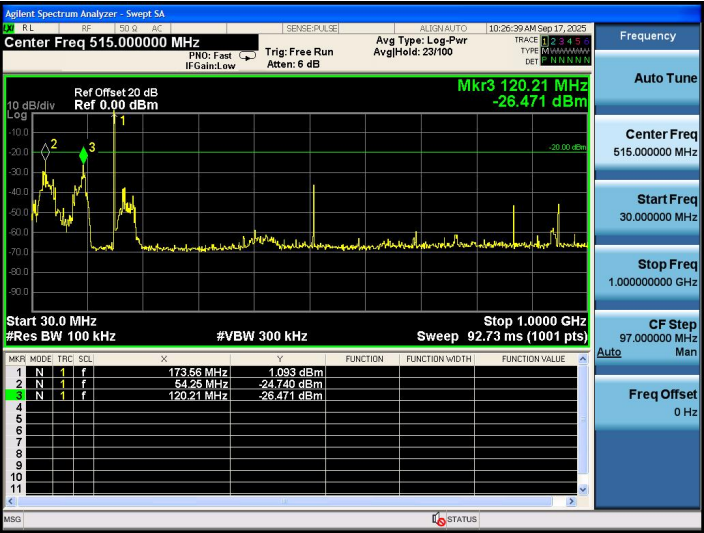
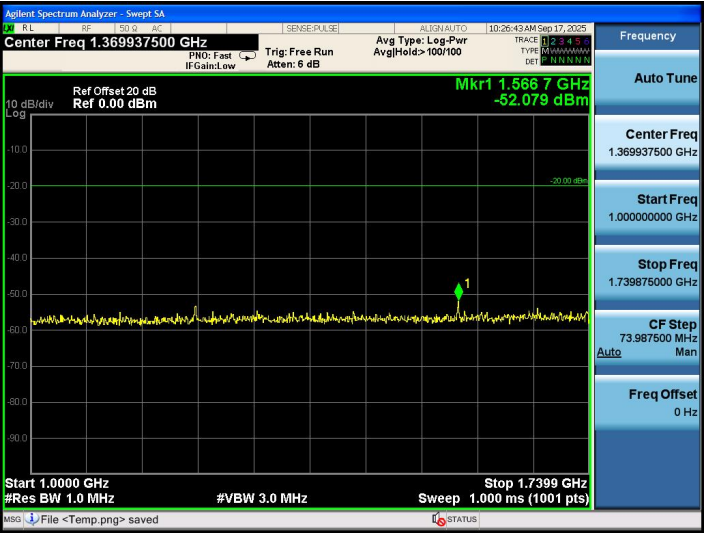
Appendix I:Spurious Emission On Antenna Port

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-DNH	4FSK	CH _M	 1GHz~10th Harmonic
TX-DNH	4FSK	CH _H	 30MHz~1GHz
TX-DNH	4FSK	CH _H	 1GHz~10th Harmonic

Appendix I:Spurious Emission On Antenna Port

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-ANH	FM	CH _L	Agilent Spectrum Analyzer - Swept SA Center Freq 515.000000 MHz Ref Offset 20 dB Ref 0.00 dBm Mkr3 83.35 MHz -37.609 dBm Start 30.0 MHz #Res BW 100 kHz Stop 1.0000 GHz #VBW 300 kHz Sweep 92.73 ms (1001 pts) Frequency Auto Tune Center Freq 515.000000 MHz Start Freq 30.000000 MHz Stop Freq 1.000000000 GHz CF Step 97.000000 MHz Freq Offset 0 Hz 30MHz~1GHz
TX-ANH	FM	CH _L	Agilent Spectrum Analyzer - Swept SA Center Freq 1.180062500 GHz Ref Offset 20 dB Ref 0.00 dBm Mkr1 1.088 2 GHz -53.573 dBm Start 1.0000 GHz #Res BW 1.0 MHz Stop 1.3601 GHz #VBW 3.0 MHz Sweep 1.000 ms (1001 pts) Frequency Auto Tune Center Freq 1.180062500 GHz Start Freq 1.000000000 GHz Stop Freq 1.360125000 GHz CF Step 36.012500 MHz Freq Offset 0 Hz 1GHz~10th Harmonic
TX-ANH	FM	CH _M	Agilent Spectrum Analyzer - Swept SA Center Freq 515.000000 MHz Ref Offset 20 dB Ref 0.00 dBm Mkr3 52.31 MHz -35.058 dBm Start 30.0 MHz #Res BW 100 kHz Stop 1.0000 GHz #VBW 300 kHz Sweep 92.73 ms (1001 pts) Frequency Auto Tune Center Freq 515.000000 MHz Start Freq 30.000000 MHz Stop Freq 1.000000000 GHz CF Step 97.000000 MHz 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	 1GHz~10th Harmonic
TX-ANH	FM	CH _H	 30MHz~1GHz
TX-ANH	FM	CH _H	 1GHz~10th Harmonic

----End of Report----