

APPENDIX A

MAXIMUM TRANSMITTER POWER TEST DATA

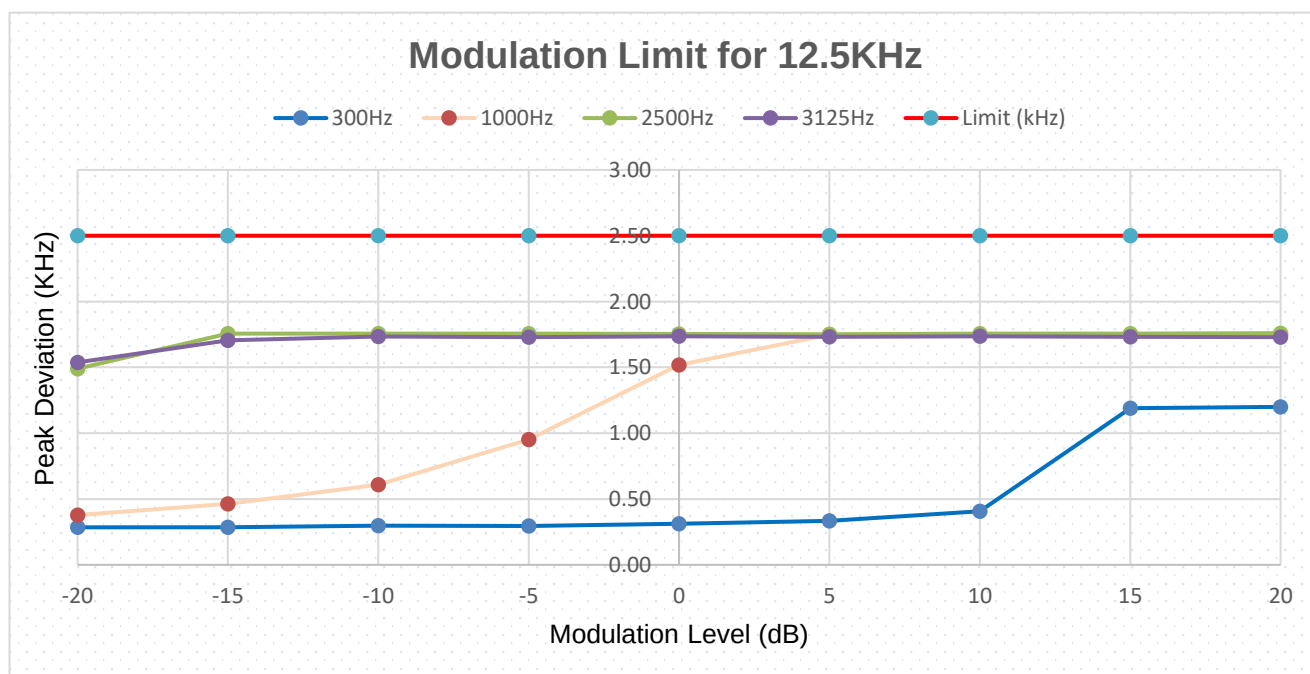
Operation Mode	Channel	Frequency (MHz)	ERP (dBm)	ERP (W)	Limits (W)	Margin (W)	Pass/Fail
FRS	2	462.5875	23.17	0.2075	5.00	-4.7925	Pass
	4	462.6375	23.17	0.2075	5.00	-4.7925	Pass
	7	462.7125	23.18	0.2080	5.00	-4.7920	Pass
	8	467.5625	23.33	0.2153	0.50	-0.2847	Pass
	9	467.5875	23.33	0.2153	0.50	-0.2847	Pass
	10	467.6125	23.54	0.2259	0.50	-0.2741	Pass

APPENDIX B

MODULATION LIMIT TEST DATA

FRS: Channel 4						
Modulation Level (dB)	Peak frequency deviation (kHz)				Limit (kHz)	Pass / Fail
	300Hz	1000Hz	2500Hz	3125Hz		
-20	0.29	0.38	1.49	1.54	2.50	Pass
-15	0.29	0.46	1.76	1.71	2.50	Pass
-10	0.30	0.61	1.76	1.73	2.50	Pass
-5	0.29	0.95	1.76	1.73	2.50	Pass
0	0.31	1.52	1.75	1.74	2.50	Pass
5	0.34	1.75	1.75	1.73	2.50	Pass
10	0.41	1.75	1.76	1.74	2.50	Pass
15	1.19	1.75	1.76	1.73	2.50	Pass
20	1.20	1.75	1.76	1.73	2.50	Pass

The test plot as follows:

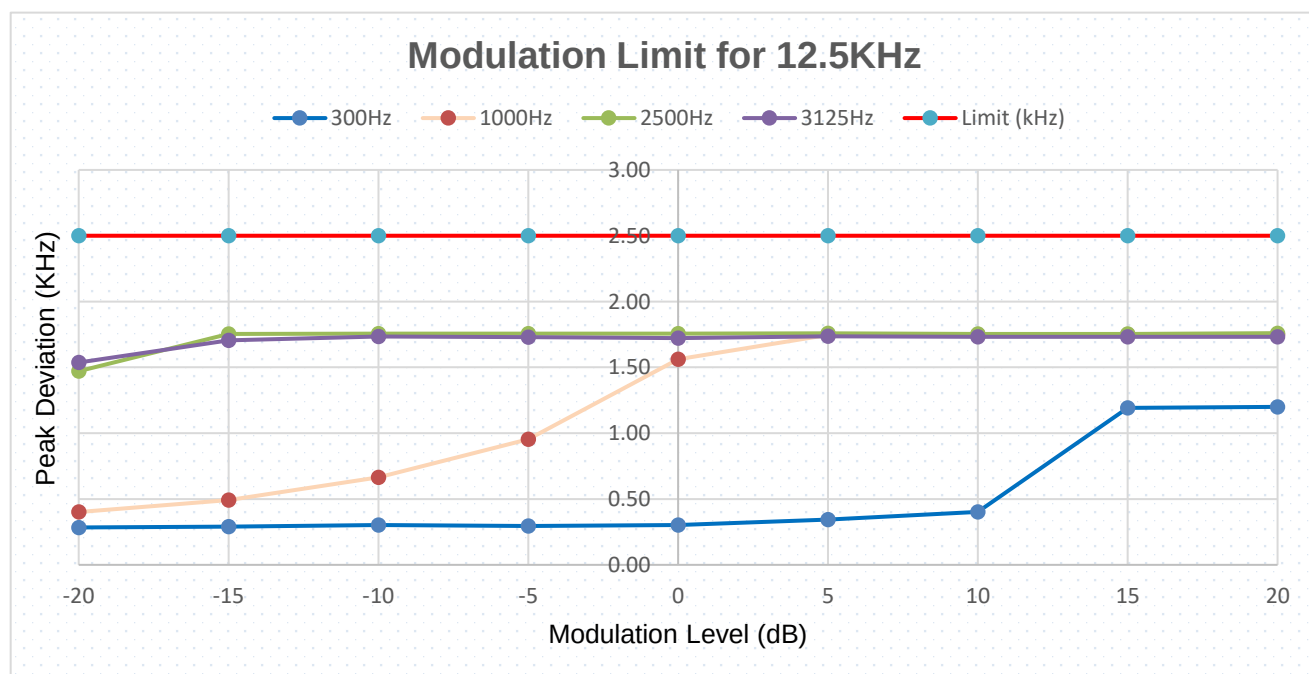


APPENDIX B

MODULATION LIMIT TEST DATA

FRS: Channel 9						
Modulation Level (dB)	Peak frequency deviation (kHz)				Limit (kHz)	Pass / Fail
	300Hz	1000Hz	2500Hz	3125Hz		
-20	0.28	0.40	1.47	1.54	2.50	Pass
-15	0.29	0.49	1.75	1.71	2.50	Pass
-10	0.30	0.66	1.76	1.74	2.50	Pass
-5	0.30	0.95	1.76	1.73	2.50	Pass
0	0.30	1.56	1.76	1.72	2.50	Pass
5	0.34	1.75	1.76	1.74	2.50	Pass
10	0.40	1.75	1.75	1.73	2.50	Pass
15	1.19	1.75	1.76	1.73	2.50	Pass
20	1.20	1.75	1.76	1.73	2.50	Pass

The test plot as follows:



APPENDIX C

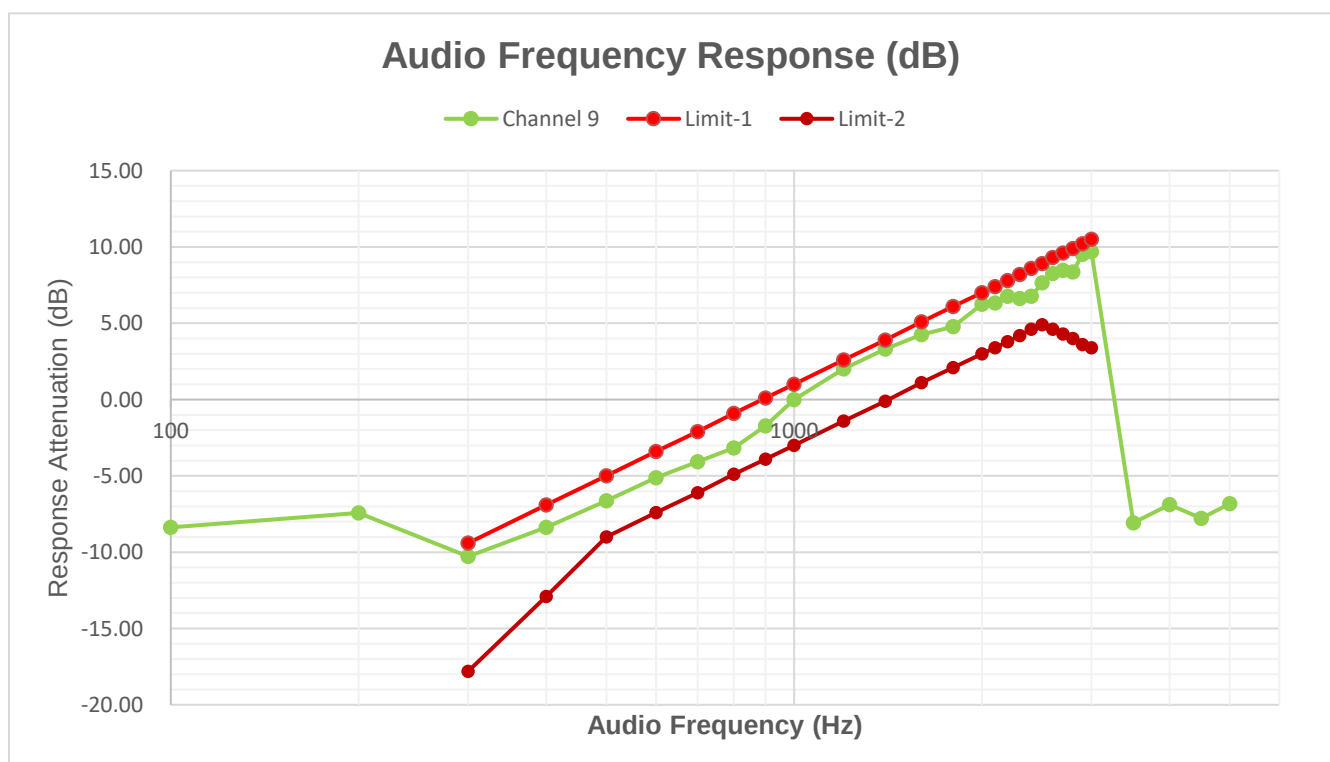
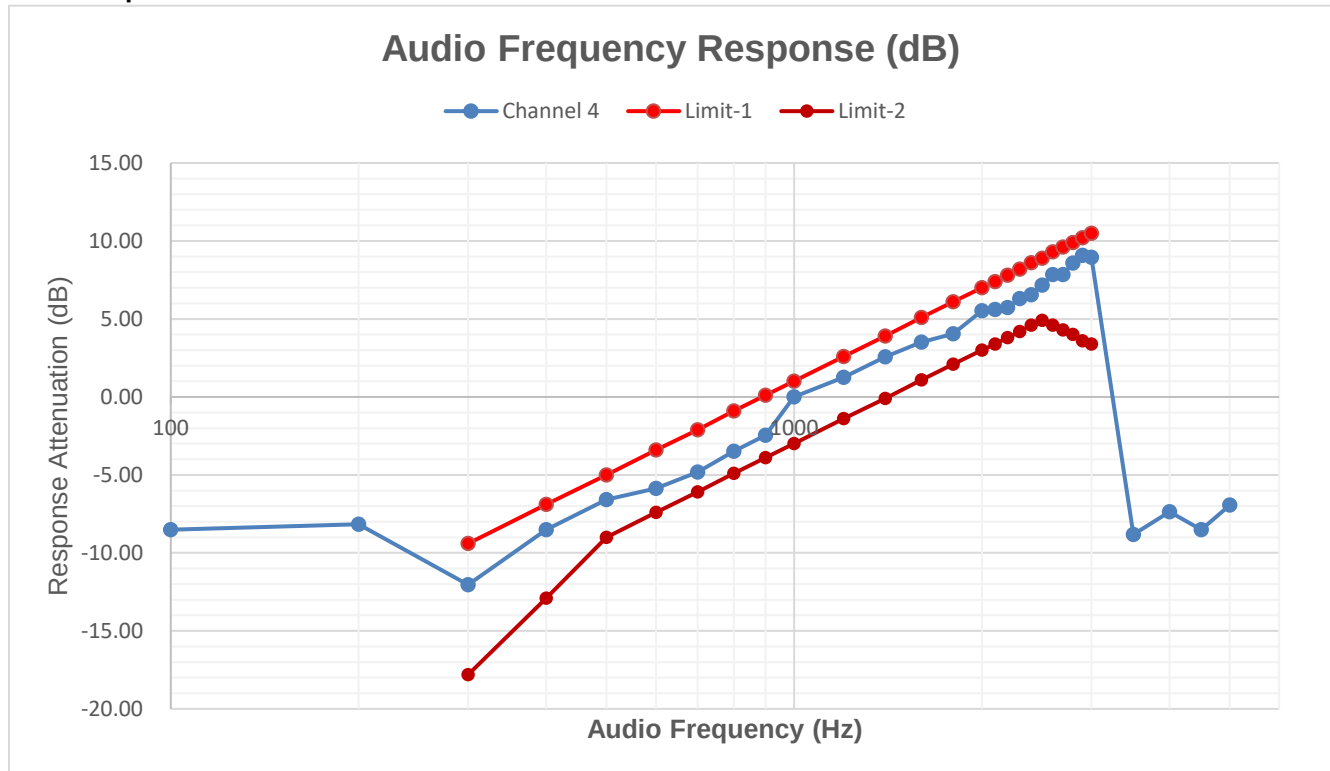
AUDIO FREQUENCY RESPONSE TEST DATA

Audio Frequency (Hz)	Frequency Deviation			Audio Frequency Response (dB)			Limit-1	Limit-2
	Channel 4	Channel 9	---	Channel 4	Channel 9	---		
100	0.12	0.11	---	-8.52	-8.38	---		
200	0.13	0.13	---	-8.16	-7.43	---		
300	0.08	0.09	---	-12.04	-10.28	---	-9.40	-17.80
400	0.12	0.11	---	-8.52	-8.38	---	-6.90	-12.90
500	0.15	0.14	---	-6.58	-6.63	---	-5.00	-9.00
600	0.16	0.16	---	-5.86	-5.12	---	-3.40	-7.40
700	0.18	0.18	---	-4.81	-4.07	---	-2.10	-6.10
800	0.21	0.20	---	-3.49	-3.17	---	-0.90	-4.90
900	0.24	0.24	---	-2.46	-1.73	---	0.10	-3.90
1000	0.32	0.29	---	0.00	0.00	---	1.00	-3.00
1200	0.37	0.37	---	1.26	2.00	---	2.60	-1.40
1400	0.43	0.43	---	2.57	3.30	---	3.90	-0.10
1600	0.48	0.48	---	3.52	4.26	---	5.10	1.10
1800	0.51	0.51	---	4.05	4.78	---	6.10	2.10
2000	0.60	0.60	---	5.52	6.25	---	7.00	3.00
2100	0.61	0.61	---	5.60	6.34	---	7.40	3.40
2200	0.62	0.64	---	5.74	6.76	---	7.80	3.80
2300	0.66	0.63	---	6.30	6.63	---	8.20	4.20
2400	0.68	0.64	---	6.55	6.76	---	8.60	4.60
2500	0.73	0.71	---	7.16	7.66	---	8.90	4.90
2600	0.79	0.76	---	7.85	8.25	---	9.30	4.60
2700	0.79	0.78	---	7.85	8.47	---	9.60	4.30
2800	0.86	0.77	---	8.59	8.36	---	9.90	4.00
2900	0.91	0.88	---	9.08	9.52	---	10.20	3.60
3000	0.90	0.90	---	8.95	9.69	---	10.50	3.40
3500	0.12	0.12	---	-8.81	-8.08	---		
4000	0.14	0.13	---	-7.37	-6.89	---		
4500	0.12	0.12	---	-8.52	-7.78	---		
5000	0.14	0.13	---	-6.94	-6.82	---		
Pass/Fail	Pass							

APPENDIX C

AUDIO FREQUENCY RESPONSE TEST DATA

The test plot as follows:

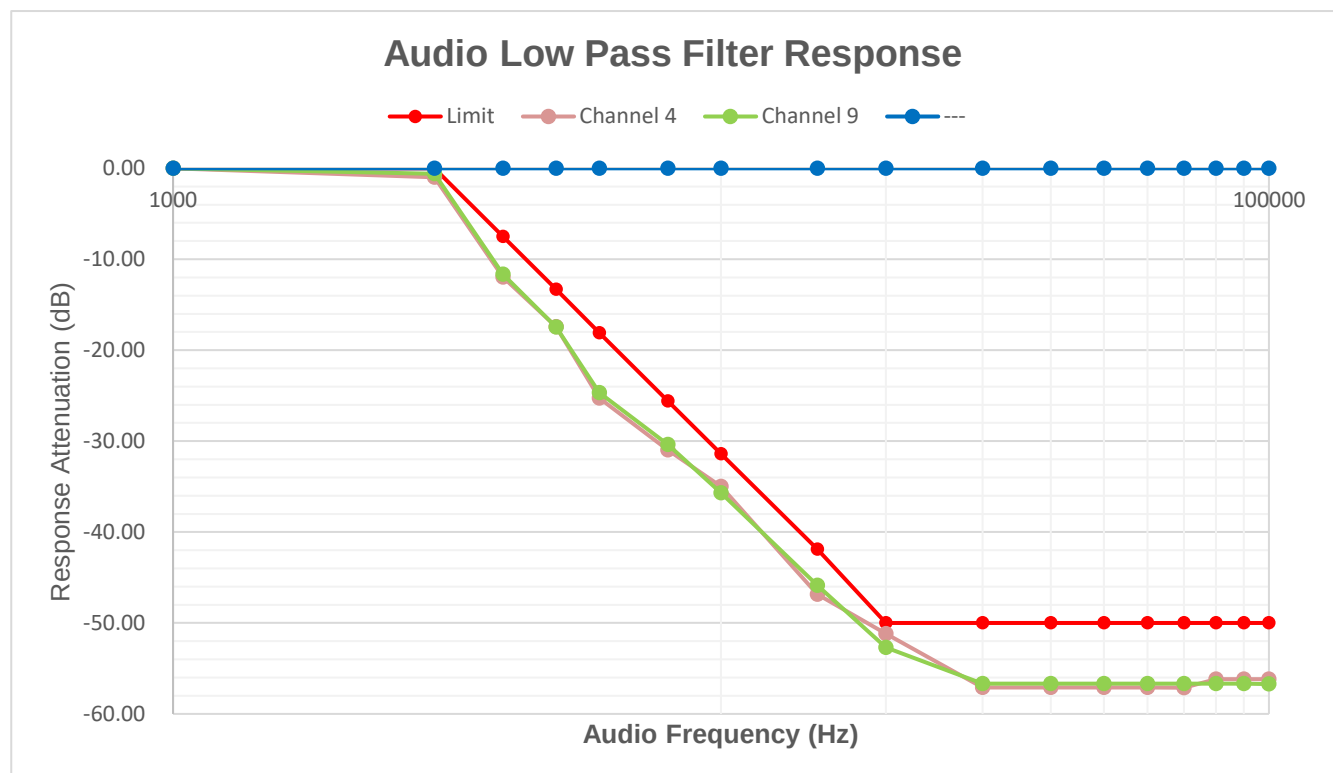


APPENDIX D

AUDIO LOW PASS FILTER RESPONSE TEST DATA

Audio Frequency (Hz)	Measured value (dB)			Response Attenuation (dB)			Limit	Pass/Fail
	Channel 4	Channel 9	---	Channel 4	Channel 9	---		
1000	-2.36	-2.77	---	0.00	0.00	---	0.00	Pass
3000	-3.33	-3.38	---	-0.97	-0.61	---	0.00	Pass
4000	-14.33	-14.42	---	-11.97	-11.65	---	-7.50	Pass
5000	-19.78	-20.24	---	-17.42	-17.47	---	-13.30	Pass
6000	-27.65	-27.46	---	-25.29	-24.69	---	-18.10	Pass
8000	-33.35	-33.15	---	-30.99	-30.38	---	-25.60	Pass
10000	-37.36	-38.46	---	-35.00	-35.69	---	-31.40	Pass
15000	-49.22	-48.62	---	-46.86	-45.85	---	-41.90	Pass
20000	-53.55	-55.45	---	-51.19	-52.68	---	-50.00	Pass
30000	-59.44	-59.46	---	-57.08	-56.69	---	-50.00	Pass
40000	-59.44	-59.46	---	-57.08	-56.69	---	-50.00	Pass
50000	-59.44	-59.46	---	-57.08	-56.69	---	-50.00	Pass
60000	-59.44	-59.46	---	-57.08	-56.69	---	-50.00	Pass
70000	-59.48	-59.46	---	-57.12	-56.69	---	-50.00	Pass
80000	-58.54	-59.46	---	-56.18	-56.69	---	-50.00	Pass
90000	-58.54	-59.46	---	-56.18	-56.69	---	-50.00	Pass
100000	-58.55	-59.49	---	-56.19	-56.72	---	-50.00	Pass

The test plot as follows:



APPENDIX E

FREQUENCY STABILITY TEST DATA

GMRS/FRS_ Channel 4 (462.637500 MHz)					
Temp.	Voltage	Measured Frequency	Frequency Drift	Limit	Pass/Fail
(°C)		(MHz)	(ppm)	(ppm)	
50	VN	462.637712	0.4582	2.5	Pass
40		462.637623	0.2659	2.5	Pass
30		462.637345	-0.3350	2.5	Pass
20		462.637556	0.1210	2.5	Pass
10		462.637666	0.3588	2.5	Pass
0		462.637587	0.1881	2.5	Pass
-10		462.637435	-0.1405	2.5	Pass
-20		462.637678	0.3848	2.5	Pass
-30		462.637314	-0.4020	2.5	Pass
TN	VL	462.637616	0.2507	2.5	Pass
	VH	462.637643	0.3091	2.5	Pass

FRS_ Channel 9 (467.587500 MHz)					
Temp.	Voltage	Measured Frequency	Frequency Drift	Limit	Pass/Fail
(°C)		(MHz)	(ppm)	(ppm)	
50	VN	467.587614	0.2438	2.5	Pass
40		467.587567	0.1433	2.5	Pass
30		467.587632	0.2823	2.5	Pass
20		467.587566	0.1412	2.5	Pass
10		467.587544	0.0941	2.5	Pass
0		467.587632	0.2823	2.5	Pass
-10		467.587621	0.2588	2.5	Pass
-20		467.587567	0.1433	2.5	Pass
-30		467.587235	-0.5667	2.5	Pass
TN	VL	467.587594	0.2010	2.5	Pass
	VH	467.587592	0.1968	2.5	Pass