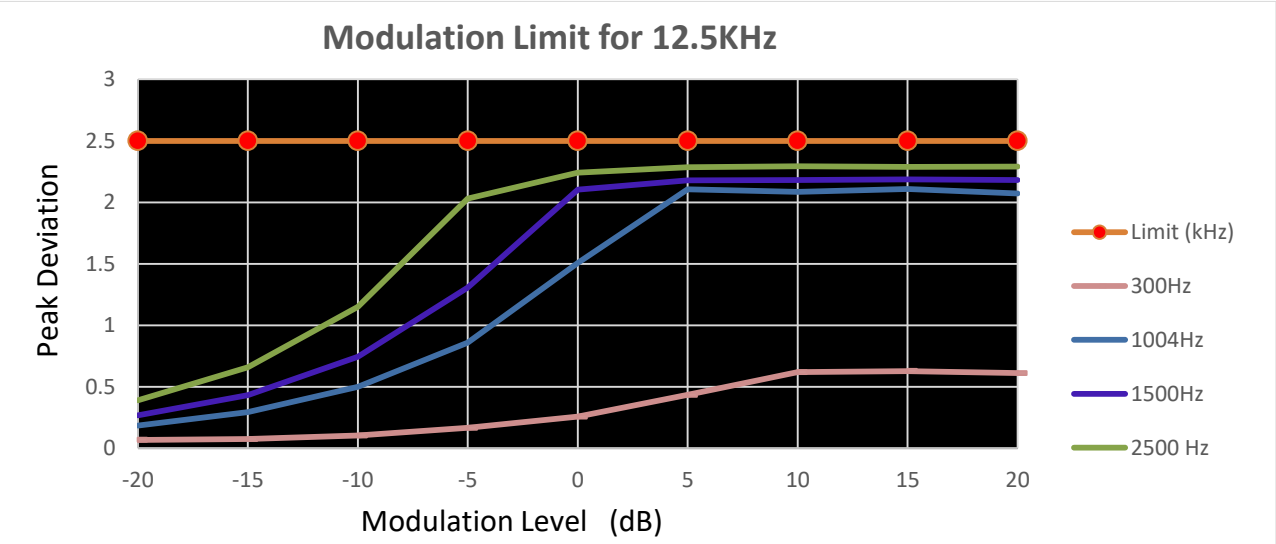
Appendix D:Modulation Limit

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	0.069	0.186	0.268	0.391	2.5	PASS
TX-ANH	FM	CH_{M2}	-15	0.076	0.295	0.432	0.659	2.5	PASS
TX-ANH	FM	CH_{M2}	-10	0.104	0.5	0.746	1.152	2.5	PASS
TX-ANH	FM	CH_{M2}	-5	0.166	0.86	1.308	2.03	2.5	PASS
TX-ANH	FM	CH_{M2}	0	0.258	1.507	2.104	2.24	2.5	PASS
TX-ANH	FM	CH_{M2}	5	0.434	2.106	2.178	2.286	2.5	PASS
TX-ANH	FM	CH_{M2}	10	0.619	2.085	2.18	2.294	2.5	PASS
TX-ANH	FM	CH_{M2}	15	0.628	2.109	2.187	2.289	2.5	PASS
TX-ANH	FM	CH_{M2}	20	0.612	2.071	2.181	2.291	2.5	PASS

Appendix D:Modulation Limit

TEST PLOT RESULT

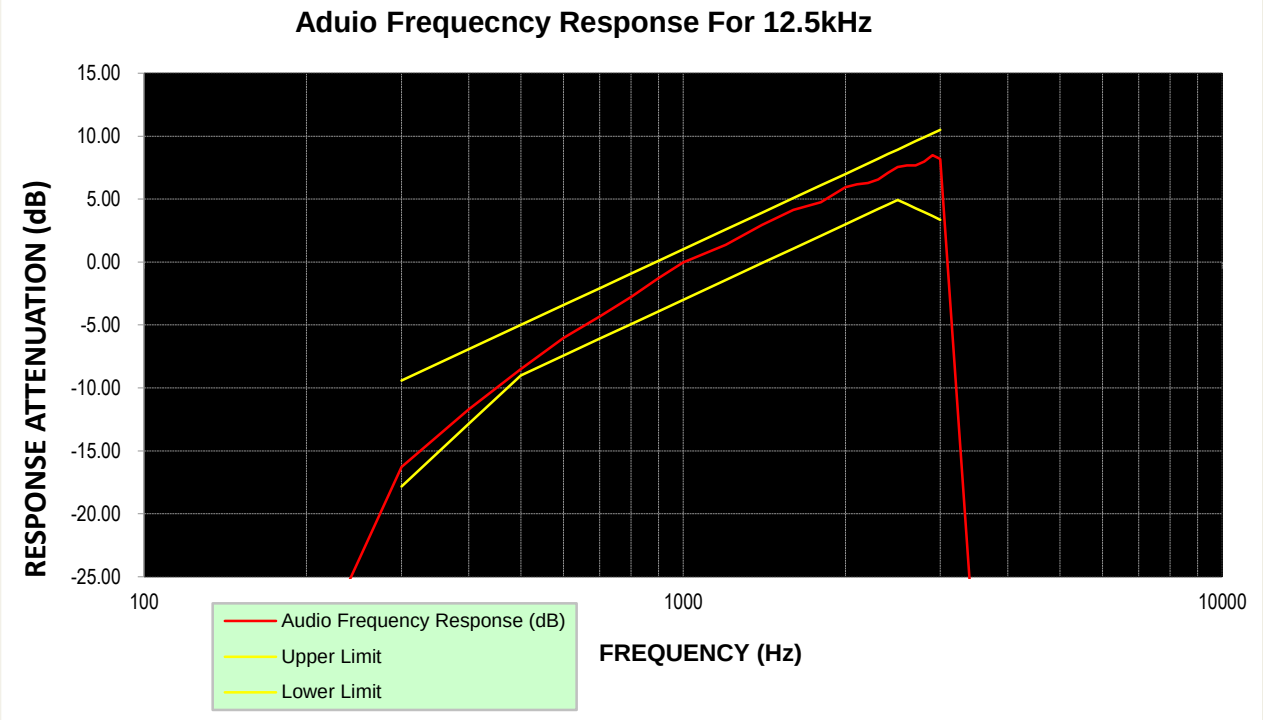


Appendix E:Audio Frequency Response

Operation Mode	Modulation Type	Test Channel	Frequency (Hz)	Audio Frequency Response (dB)	Lower Limit	Upper Limit	Result
TX-ANH	FM	CH_{M2}	100	-33.11			PASS
TX-ANH	FM	CH_{M2}	200	-32.75			PASS
TX-ANH	FM	CH_{M2}	300	-16.28	-17.84	-9.42	PASS
TX-ANH	FM	CH_{M2}	400	-11.70	-12.86	-6.93	PASS
TX-ANH	FM	CH_{M2}	500	-8.51	-9.00	-5.00	PASS
TX-ANH	FM	CH_{M2}	600	-6.03	-7.42	-3.42	PASS
TX-ANH	FM	CH_{M2}	700	-4.33	-6.09	-2.09	PASS
TX-ANH	FM	CH_{M2}	800	-2.79	-4.93	-0.93	PASS
TX-ANH	FM	CH_{M2}	900	-1.27	-3.91	0.09	PASS
TX-ANH	FM	CH_{M2}	1000	-0.03	-3.00	1.00	PASS
TX-ANH	FM	CH_{M2}	1200	1.37	-1.42	2.58	PASS
TX-ANH	FM	CH_{M2}	1400	2.94	-0.09	3.91	PASS
TX-ANH	FM	CH_{M2}	1600	4.14	1.07	5.07	PASS
TX-ANH	FM	CH_{M2}	1800	4.74	2.09	6.09	PASS
TX-ANH	FM	CH_{M2}	2000	5.94	3.00	7.00	PASS
TX-ANH	FM	CH_{M2}	2100	6.19	3.42	7.42	PASS
TX-ANH	FM	CH_{M2}	2200	6.26	3.83	7.83	PASS
TX-ANH	FM	CH_{M2}	2300	6.55	4.21	8.21	PASS
TX-ANH	FM	CH_{M2}	2400	7.08	4.58	8.58	PASS
TX-ANH	FM	CH_{M2}	2500	7.56	4.93	8.93	PASS
TX-ANH	FM	CH_{M2}	2600	7.67	4.59	9.27	PASS
TX-ANH	FM	CH_{M2}	2700	7.68	4.27	9.60	PASS
TX-ANH	FM	CH_{M2}	2800	7.99	3.95	9.91	PASS
TX-ANH	FM	CH_{M2}	2900	8.49	3.65	10.22	PASS
TX-ANH	FM	CH_{M2}	3000	8.18	3.35	10.51	PASS
TX-ANH	FM	CH_{M2}	3500	-33.08			PASS
TX-ANH	FM	CH_{M2}	4000	-33.08			PASS
TX-ANH	FM	CH_{M2}	4500	-33.19			PASS
TX-ANH	FM	CH_{M2}	5000	-33.07			PASS

Appendix E:Audio Frequency Response

TEST PLOT RESULT



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

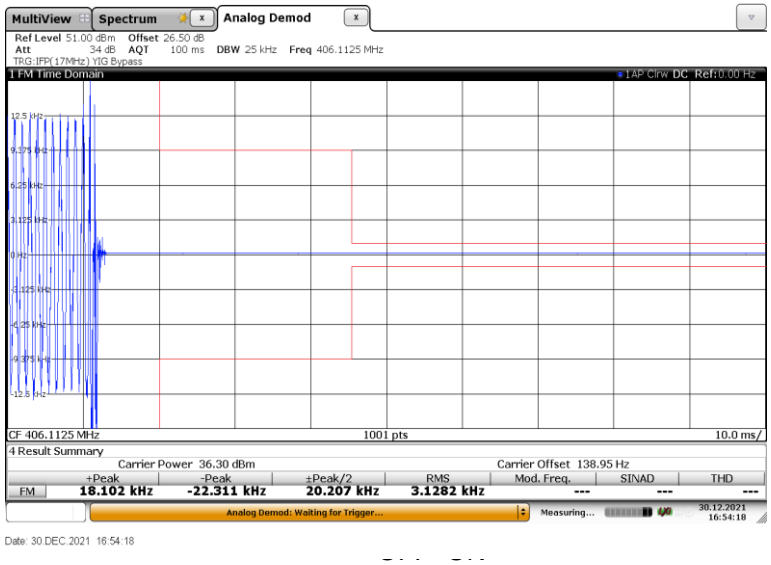
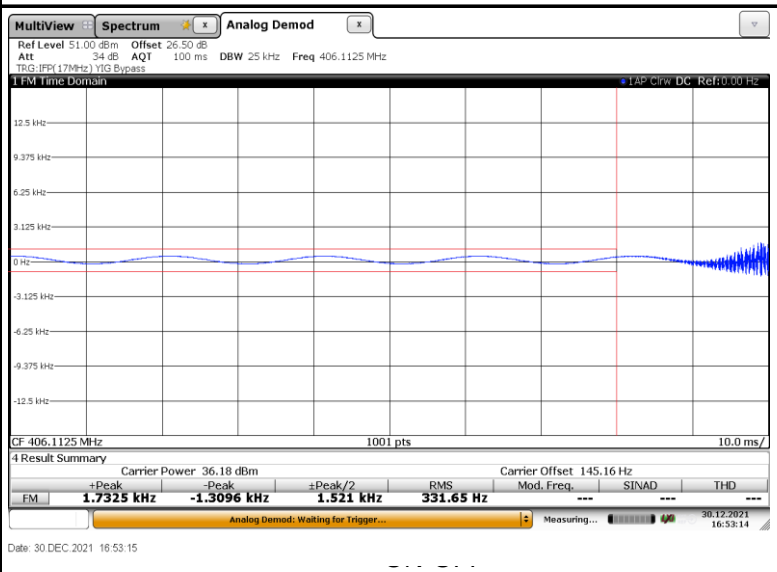
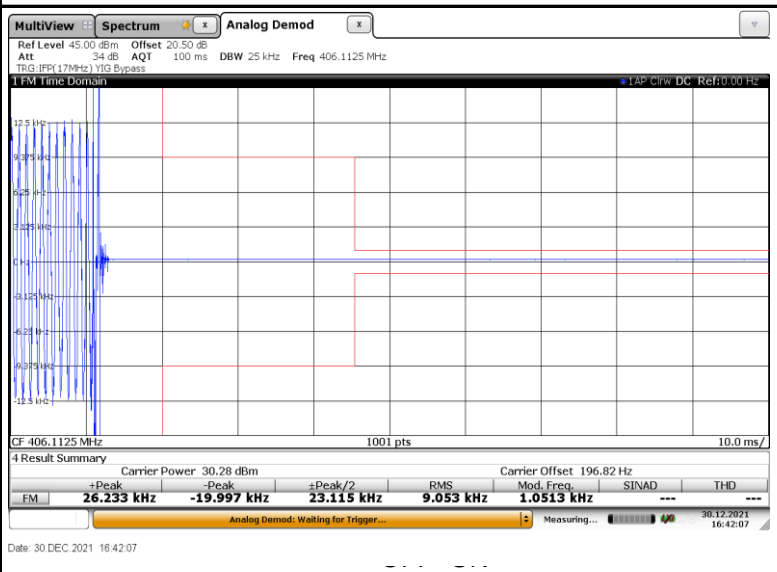
Appendix F:Frequency Stability Test & Temperature

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-ANH	FM	V_N	-30	0.354	0.328	0.309	0.292	0.308	±5.0	PASS
TX-ANH	FM	V_N	-20	0.359	0.328	0.308	0.313	0.306	±5.0	PASS
TX-ANH	FM	V_N	-10	0.355	0.342	0.311	0.315	0.327	±5.0	PASS
TX-ANH	FM	V_N	0	0.347	0.320	0.306	0.302	0.319	±5.0	PASS
TX-ANH	FM	V_N	10	0.332	0.336	0.294	0.292	0.323	±5.0	PASS
TX-ANH	FM	V_N	20	0.327	0.319	0.290	0.291	0.305	±5.0	PASS
TX-ANH	FM	V_N	30	0.334	0.345	0.306	0.295	0.321	±5.0	PASS
TX-ANH	FM	V_N	40	0.335	0.345	0.316	0.310	0.335	±5.0	PASS
TX-ANH	FM	V_N	50	0.352	0.333	0.314	0.304	0.331	±5.0	PASS
TX-ANL	FM	V_N	-30	0.317	0.308	0.295	0.310	0.298	±5.0	PASS
TX-ANL	FM	V_N	-20	0.310	0.300	0.307	0.300	0.300	±5.0	PASS
TX-ANL	FM	V_N	-10	0.320	0.322	0.293	0.290	0.322	±5.0	PASS
TX-ANL	FM	V_N	0	0.313	0.317	0.283	0.288	0.303	±5.0	PASS
TX-ANL	FM	V_N	10	0.326	0.300	0.299	0.305	0.299	±5.0	PASS
TX-ANL	FM	V_N	20	0.303	0.297	0.282	0.285	0.294	±5.0	PASS
TX-ANL	FM	V_N	30	0.305	0.324	0.302	0.305	0.305	±5.0	PASS
TX-ANL	FM	V_N	40	0.310	0.309	0.287	0.301	0.318	±5.0	PASS
TX-ANL	FM	V_N	50	0.313	0.311	0.286	0.309	0.321	±5.0	PASS

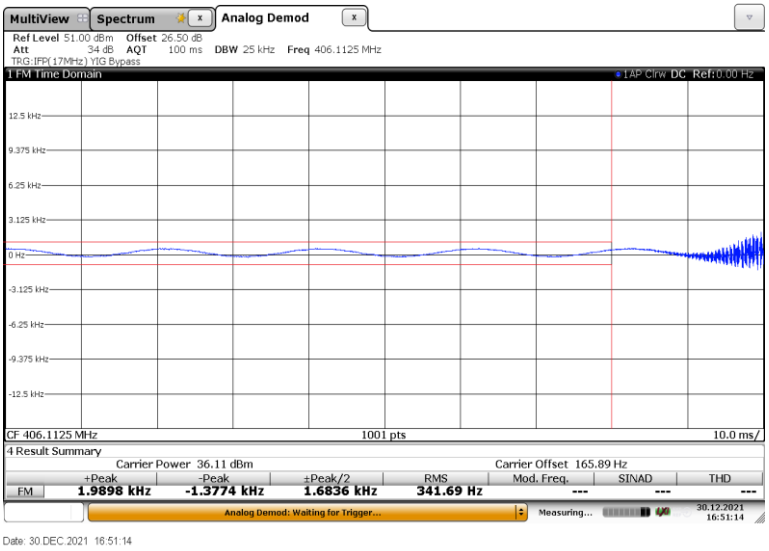
Appendix G:Frequency Stability Test & Voltage

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-ANH	FM	V_N	T_N	0.327	0.319	0.290	0.291	0.305	±5.0	PASS
TX-ANH	FM	V_L	T_N	0.332	0.324	0.293	0.293	0.310	±5.0	PASS
TX-ANH	FM	V_H	T_N	0.340	0.338	0.307	0.305	0.322	±5.0	PASS
TX-ANL	FM	V_N	T_N	0.303	0.297	0.282	0.285	0.294	±5.0	PASS
TX-ANL	FM	V_L	T_N	0.308	0.299	0.283	0.290	0.299	±5.0	PASS
TX-ANL	FM	V_H	T_N	0.308	0.313	0.284	0.294	0.308	±5.0	PASS

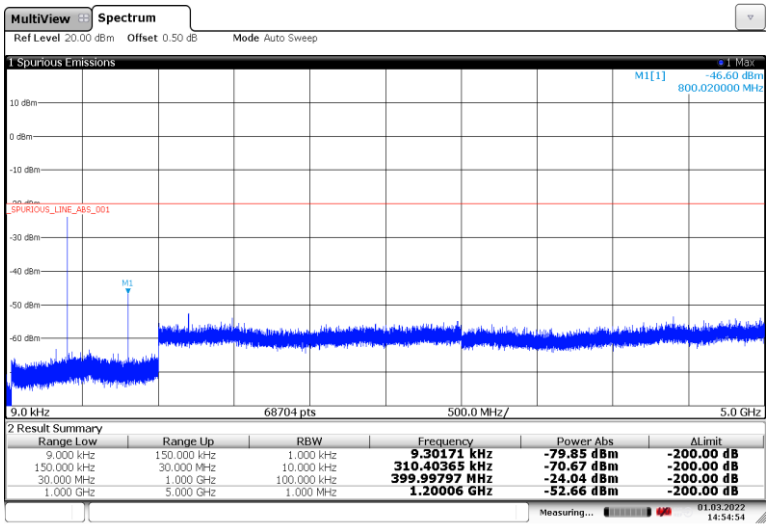
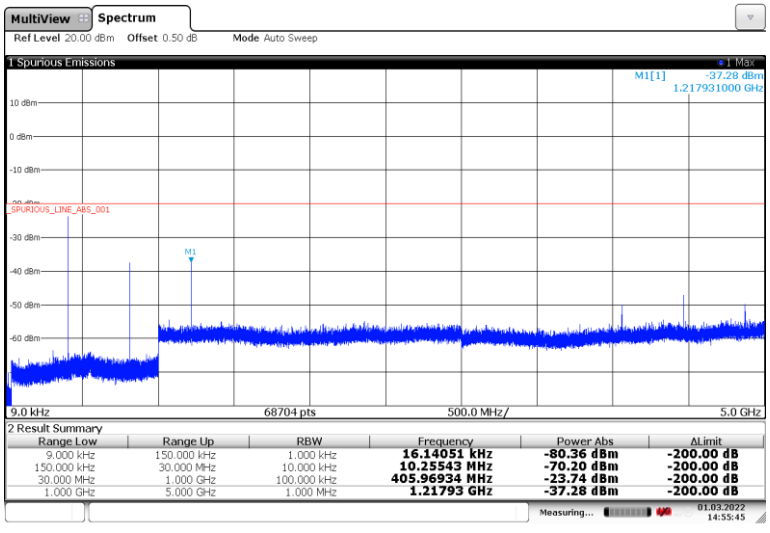
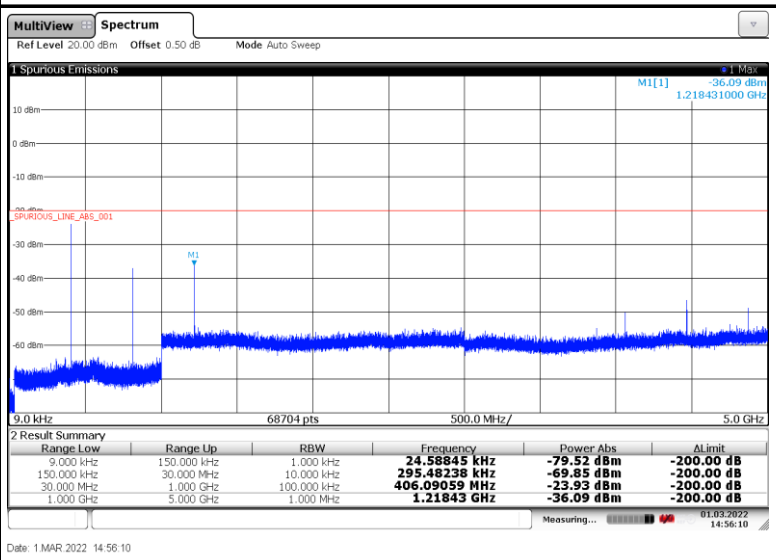
Appendix H:Transmitter Frequency Behavior

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-DNH	4FSK	CH_{M2}	
TX-DNH	4FSK	CH_{M2}	
TX-ANH	FM	CH_{M2}	

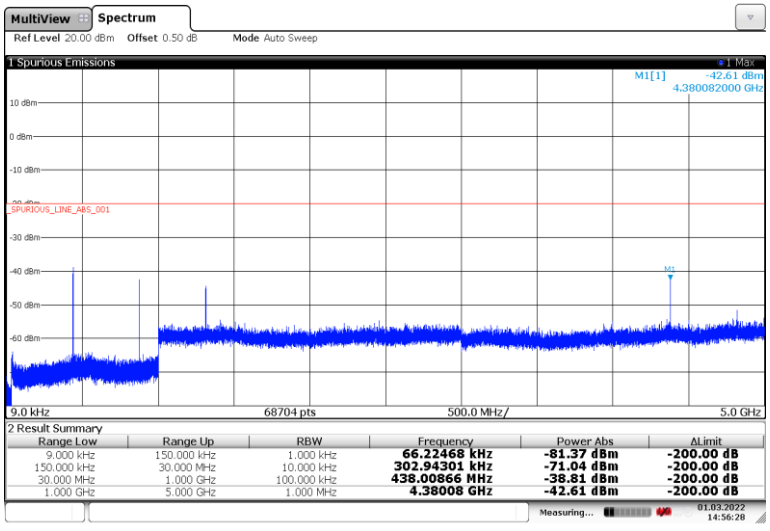
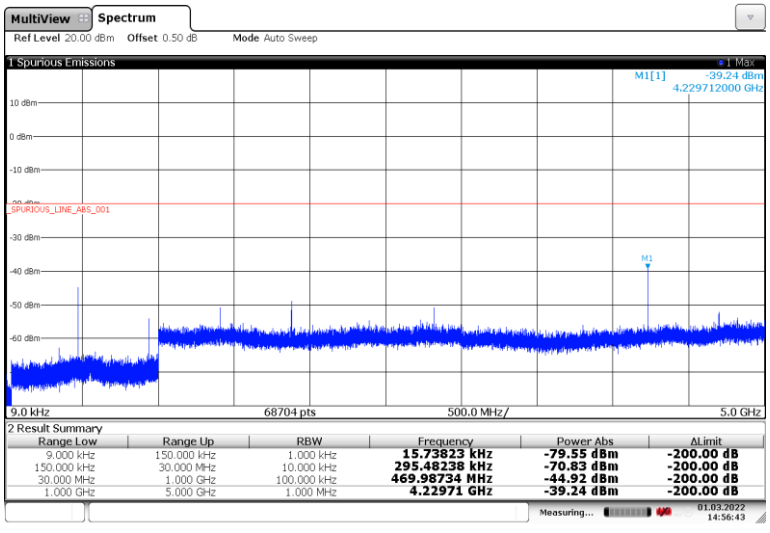
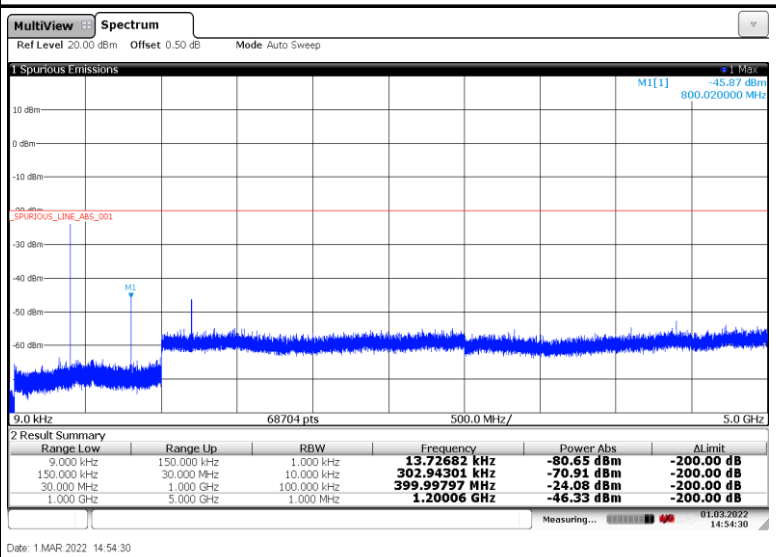
Appendix H:Transmitter Frequency Behavior

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-ANH	FM	CH_{M2}	

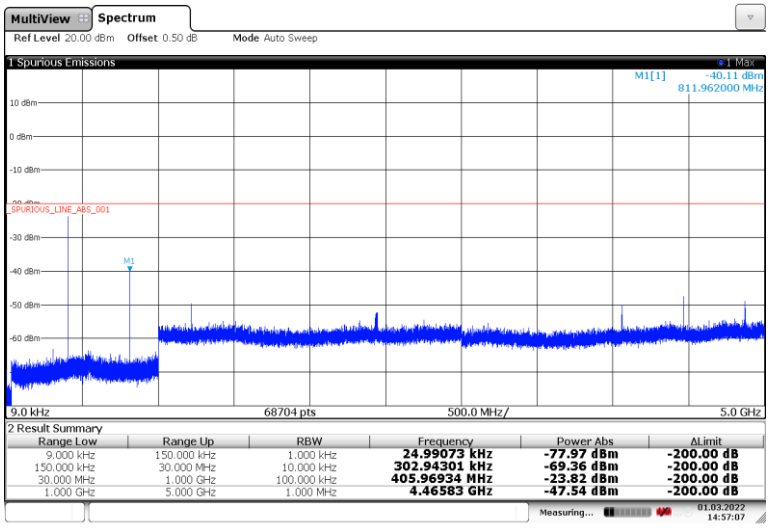
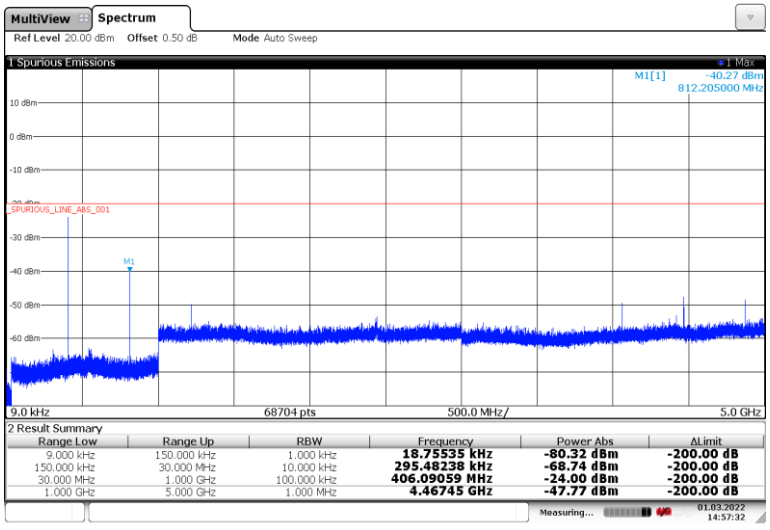
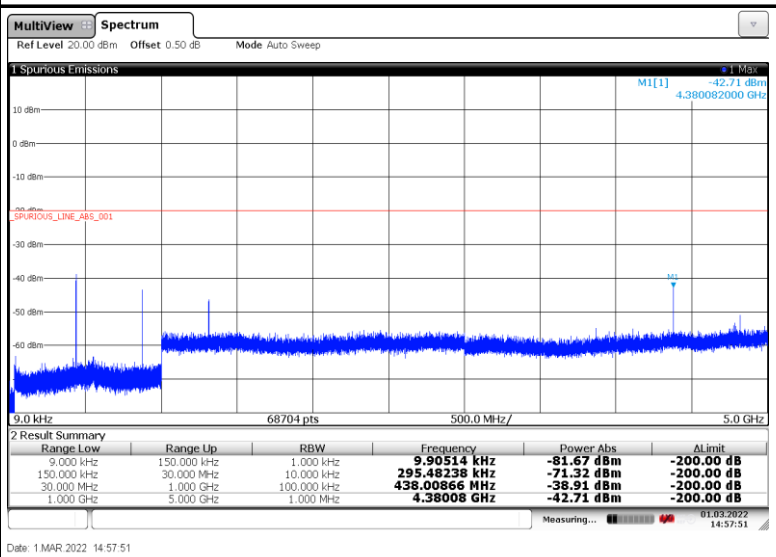
Appendix I:Spurious Emission On Antenna Port

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-DNH	4FSK	CH_L	
TX-DNH	4FSK	CH_{M1}	
TX-DNH	4FSK	CH_{M2}	

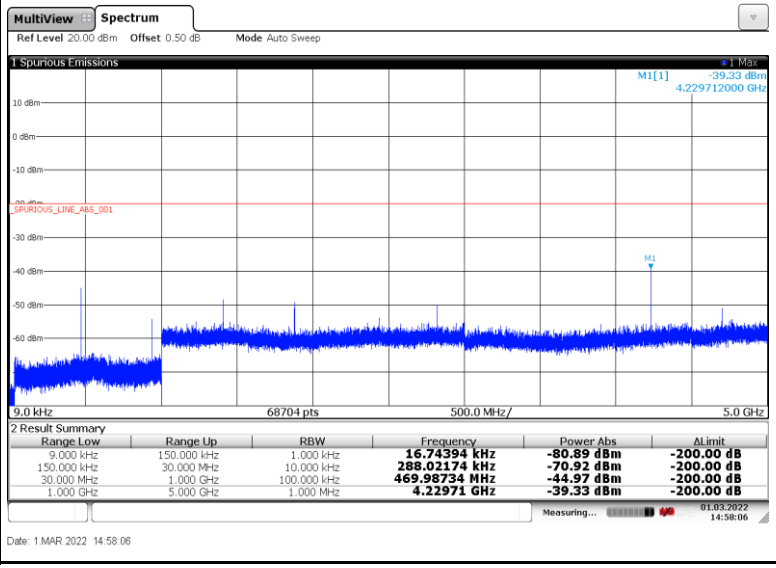
Appendix I:Spurious Emission On Antenna Port

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-DNH	4FSK	CH_{M3}	
TX-DNH	4FSK	CH_{H}	
TX-ANH	FM	CH_{L}	

Appendix I:Spurious Emission On Antenna Port

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-ANH	FM	CH_{M1}	
TX-ANH	FM	CH_{M2}	
TX-ANH	FM	CH_{M3}	

Appendix I:Spurious Emission On Antenna Port

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-ANH	FM	CH$_H$	

----End of Report----