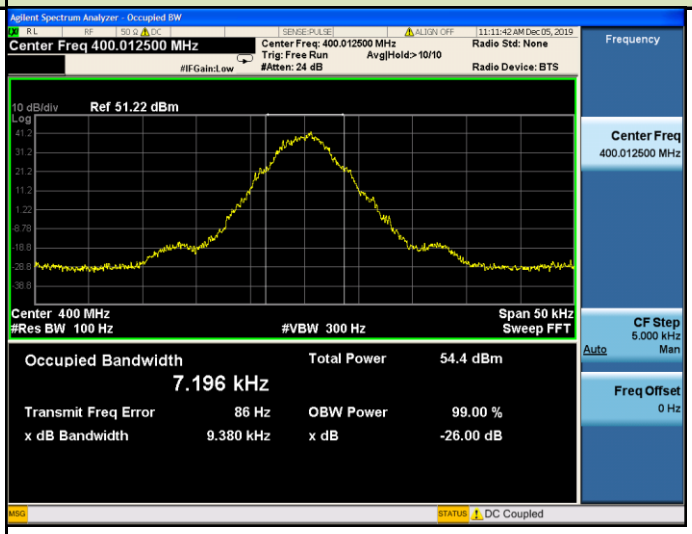
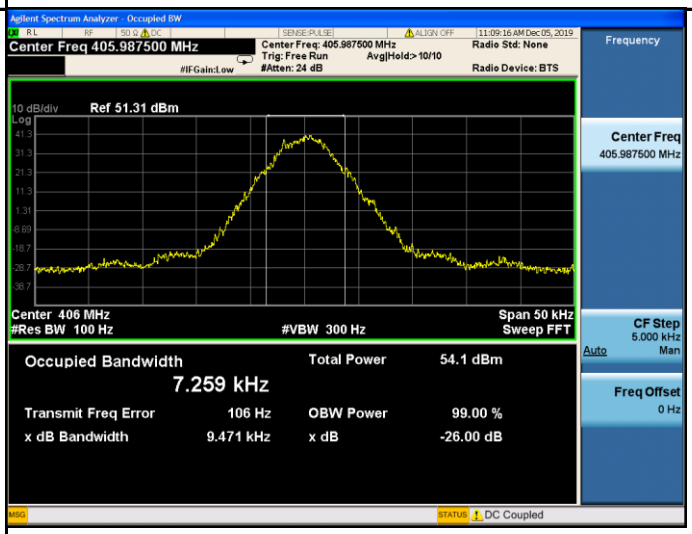
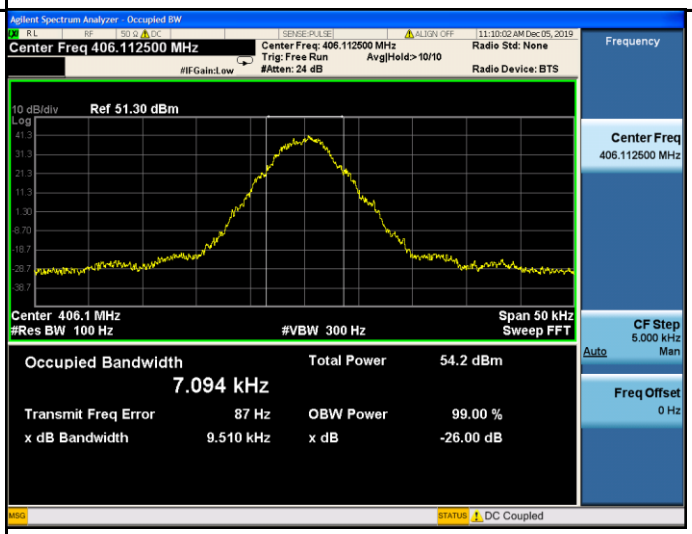
Appendix A:Maximum Transmitter Power

Operation Mode	Modulation Type	Test Channel	Measured Power(dBm)	Measured Power(W)	Rated Power(W)	Percentage (%)	Limit (%)	Result
TX-DNH	4FSK	CH_L	47.6	57.54	50.00	15.1	±20	PASS
TX-DNH	4FSK	CH_{M1}	47.7	58.88	50.00	17.8	±20	PASS
TX-DNH	4FSK	CH_{M2}	47.7	58.88	50.00	17.8	±20	PASS
TX-DNH	4FSK	CH_{M3}	47.5	56.23	50.00	12.5	±20	PASS
TX-DNH	4FSK	CH_H	47.5	56.23	50.00	12.5	±20	PASS
TX-DNM	4FSK	CH_L	44.3	26.92	25.00	7.7	±20	PASS
TX-DNM	4FSK	CH_{M1}	44.5	28.18	25.00	12.7	±20	PASS
TX-DNM	4FSK	CH_{M2}	44.5	28.18	25.00	12.7	±20	PASS
TX-DNM	4FSK	CH_{M3}	44.2	26.30	25.00	5.2	±20	PASS
TX-DNM	4FSK	CH_H	44.5	28.18	25.00	12.7	±20	PASS
TX-DNL	4FSK	CH_L	37.5	5.62	5.00	12.5	±20	PASS
TX-DNL	4FSK	CH_{M1}	37.7	5.89	5.00	17.8	±20	PASS
TX-DNL	4FSK	CH_{M2}	37.7	5.89	5.00	17.8	±20	PASS
TX-DNL	4FSK	CH_{M3}	37.1	5.13	5.00	2.6	±20	PASS
TX-DNL	4FSK	CH_H	37.2	5.25	5.00	5.0	±20	PASS
TX-ANH	FM	CH_L	46.9	48.75	50.00	-2.5	±20	PASS
TX-ANH	FM	CH_{M1}	46.9	49.43	50.00	-1.1	±20	PASS
TX-ANH	FM	CH_{M2}	46.9	49.20	50.00	-1.6	±20	PASS
TX-ANH	FM	CH_{M3}	46.8	48.31	50.00	-3.4	±20	PASS
TX-ANH	FM	CH_H	46.8	47.86	50.00	-4.3	±20	PASS
TX-ANM	FM	CH_L	43.7	23.50	25.00	-6.0	±20	PASS
TX-ANM	FM	CH_{M1}	43.8	24.15	25.00	-3.4	±20	PASS
TX-ANM	FM	CH_{M2}	43.8	24.10	25.00	-3.6	±20	PASS
TX-ANM	FM	CH_{M3}	43.7	23.17	25.00	-7.3	±20	PASS
TX-ANM	FM	CH_H	43.6	23.01	25.00	-7.9	±20	PASS
TX-ANL	FM	CH_L	37.0	5.04	5.00	0.7	±20	PASS
TX-ANL	FM	CH_{M1}	37.1	5.13	5.00	2.6	±20	PASS
TX-ANL	FM	CH_{M2}	37.0	5.01	5.00	0.2	±20	PASS
TX-ANL	FM	CH_{M3}	36.8	4.79	5.00	-4.3	±20	PASS
TX-ANL	FM	CH_H	36.7	4.68	5.00	-6.5	±20	PASS

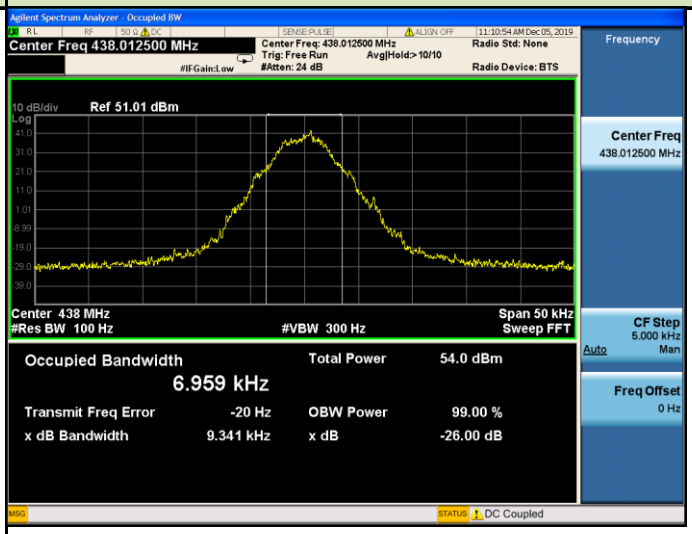
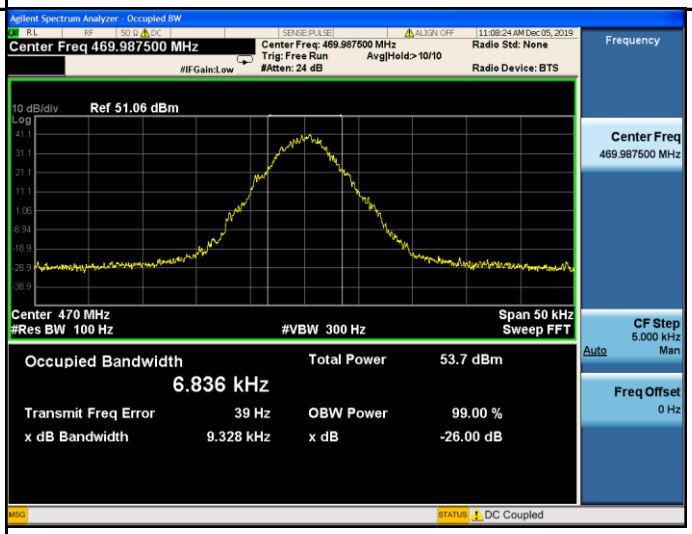
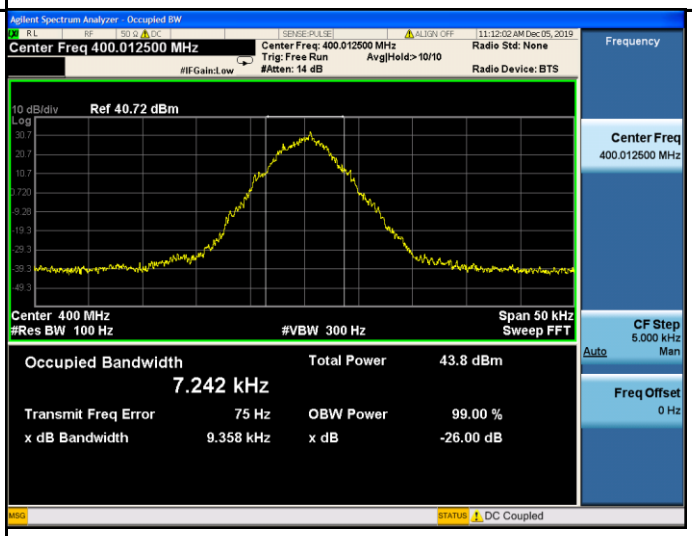
Appendix B:Occupied Bandwidth

Operation Mode	Modulation Type	Test Channel	Occupied Bandwidth		99% Limit(kHz)	Result
			99%(kHz)	26dB(kHz)		
TX-DNH	4FSK	CH_L	7.196	9.380	⩽11.25	PASS
TX-DNH	4FSK	CH_{M1}	7.256	9.471	⩽11.25	PASS
TX-DNH	4FSK	CH_{M2}	7.094	9.510	⩽11.25	PASS
TX-DNH	4FSK	CH_{M3}	6.959	9.341	⩽11.25	PASS
TX-DNH	4FSK	CH_H	6.836	9.328	⩽11.25	PASS
TX-DNL	4FSK	CH_L	7.242	9.358	⩽11.25	PASS
TX-DNL	4FSK	CH_{M1}	7.131	9.388	⩽11.25	PASS
TX-DNL	4FSK		7.300	9.688	⩽11.25	PASS
TX-DNL	4FSK	CH_{M3}	7.169	9.468	⩽11.25	PASS
TX-DNL	4FSK	CH_H	6.988	9.301	⩽11.25	PASS
TX-ANH	FM	CH_L	5.165	7.649	⩽11.25	PASS
TX-ANH	FM	CH_{M1}	5.158	7.664	⩽11.25	PASS
TX-ANH	FM	CH_{M2}	5.155	7.663	⩽11.25	PASS
TX-ANH	FM	CH_{M3}	5.162	7.640	⩽11.25	PASS
TX-ANH	FM	CH_H	5.176	7.665	⩽11.25	PASS
TX-ANL	FM	CH_L	5.166	7.646	⩽11.25	PASS
TX-ANL	FM	CH_{M1}	5.156	7.664	⩽11.25	PASS
TX-ANL	FM	CH_{M2}	5.159	7.662	⩽11.25	PASS
TX-ANL	FM	CH_{M3}	5.167	7.637	⩽11.25	PASS
TX-ANL	FM	CH_H	5.177	7.662	⩽11.25	PASS

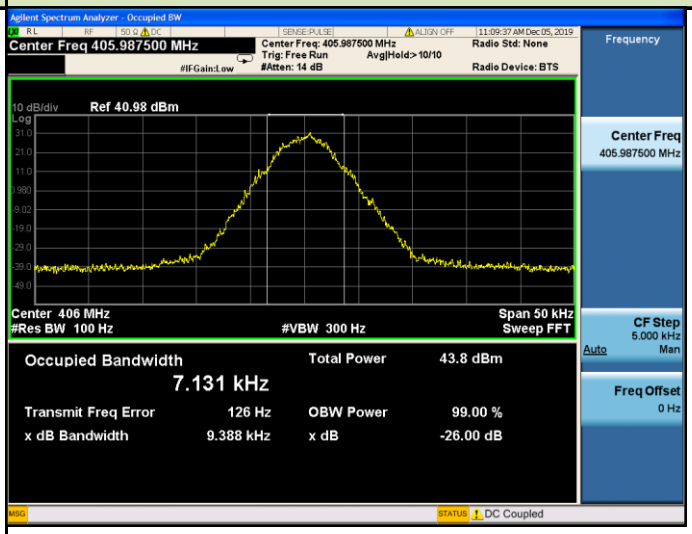
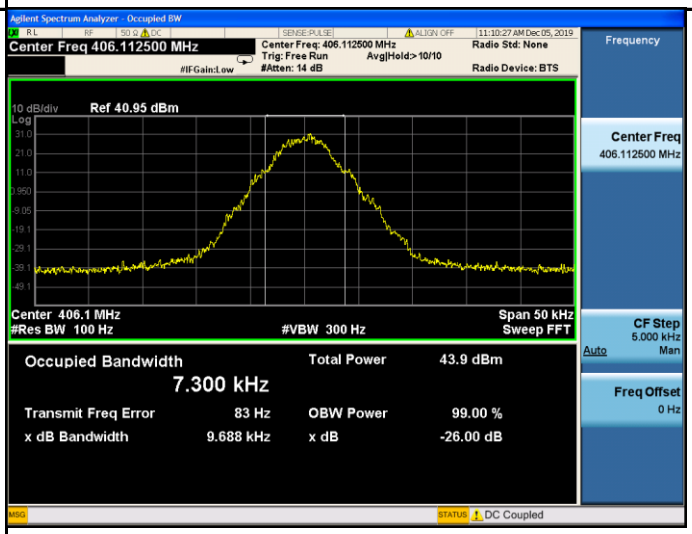
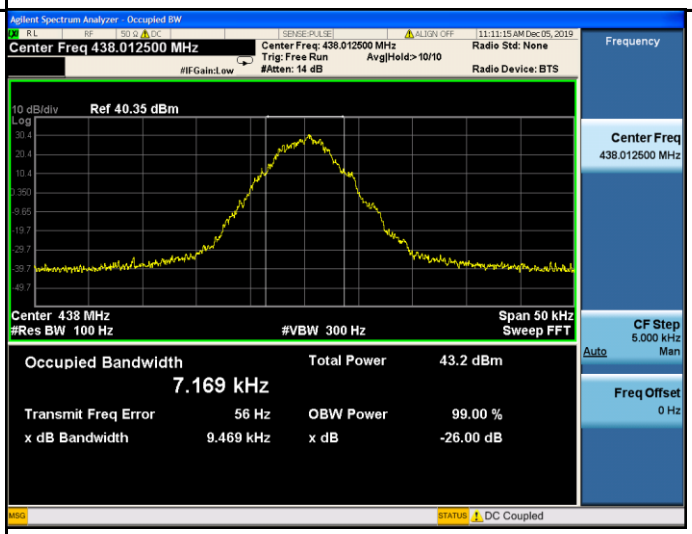
Appendix B:Occupied Bandwidth

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

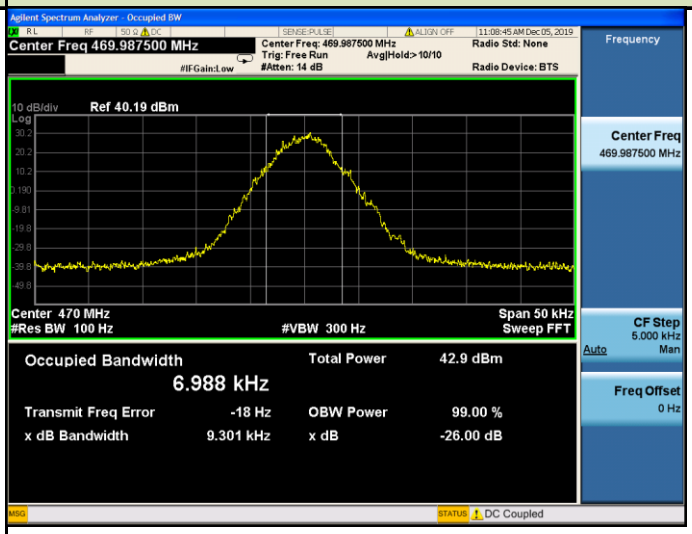
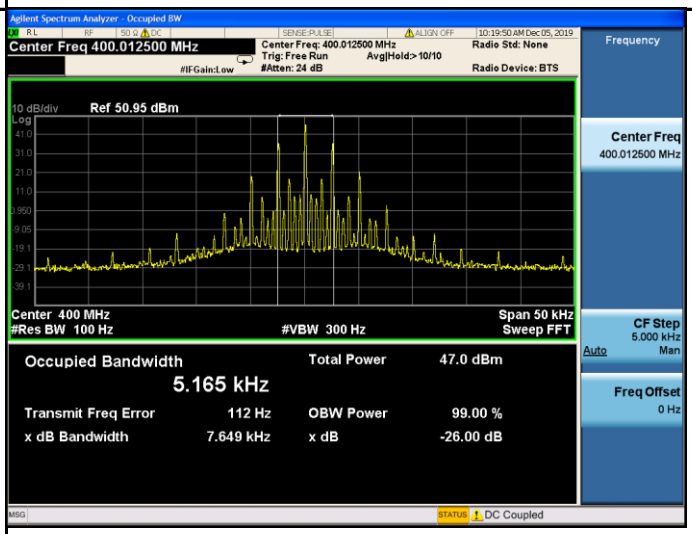
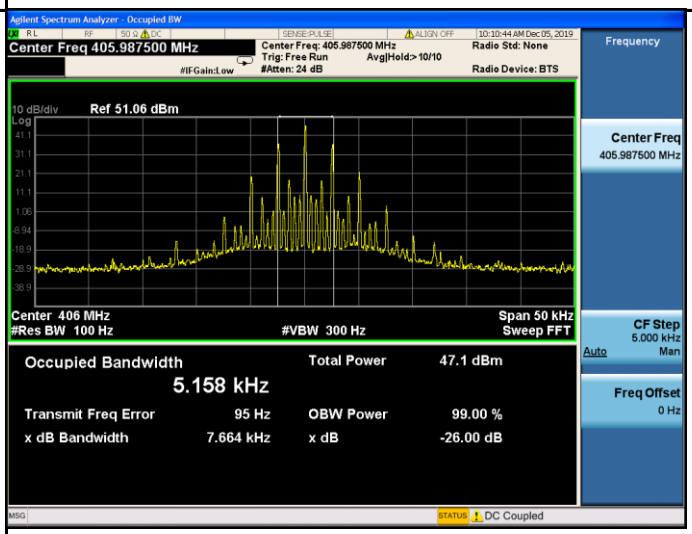
Appendix B:Occupied Bandwidth

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

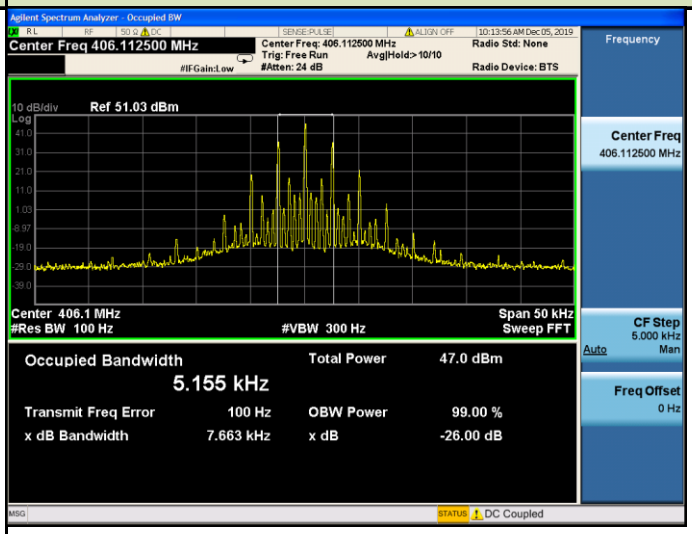
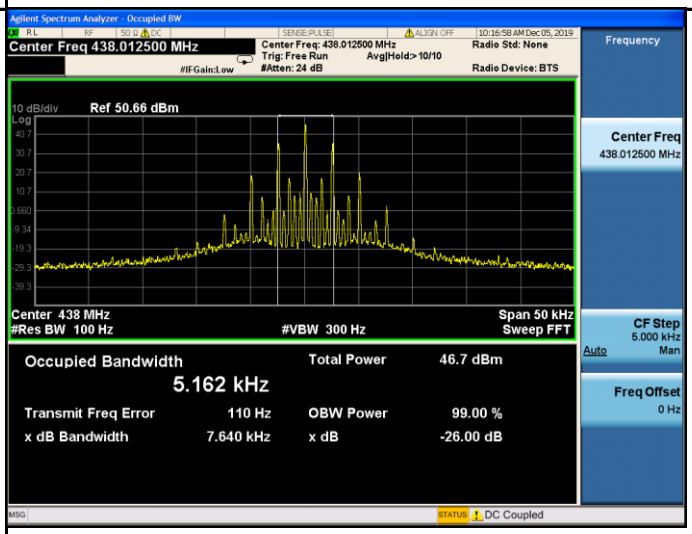
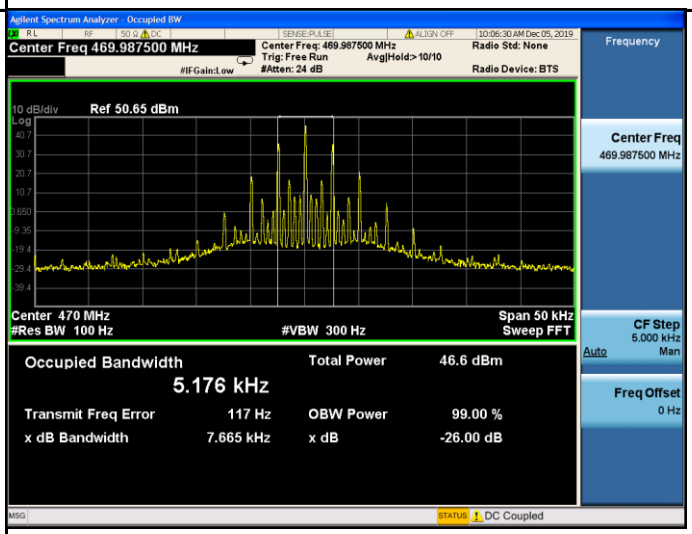
Appendix B:Occupied Bandwidth

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-DNL	4FSK	CH_{M1}	
TX-DNL	4FSK	CH_{M2}	
TX-DNL	4FSK	CH_{M3}	

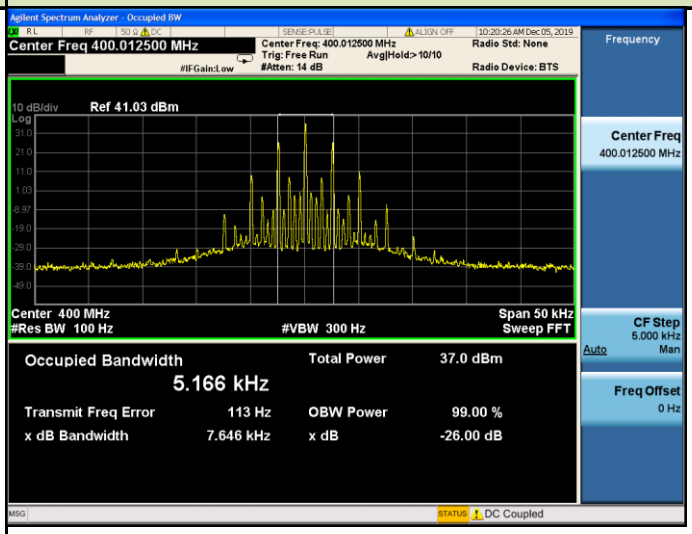
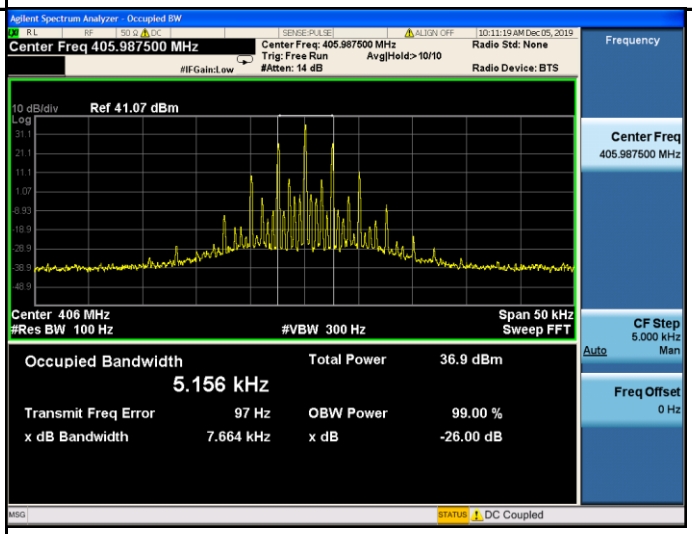
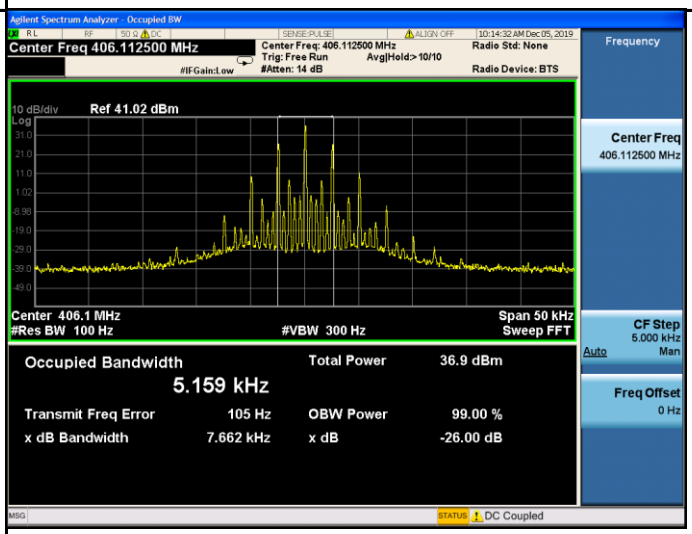
Appendix B:Occupied Bandwidth

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-DNL	4FSK	CH_H	
TX-ANH	FM	CH_L	
TX-ANH	FM	CH_{M1}	

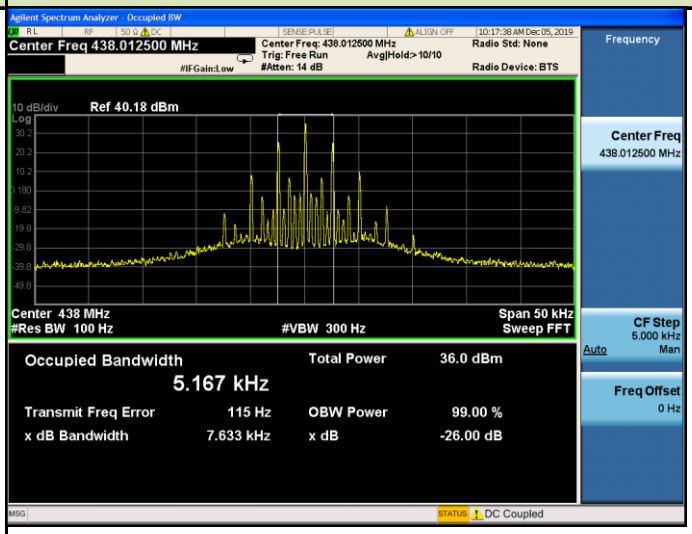
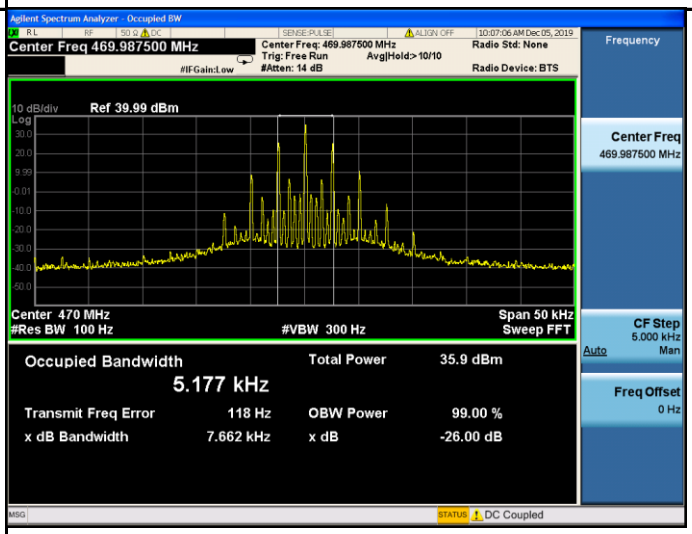
Appendix B:Occupied Bandwidth

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

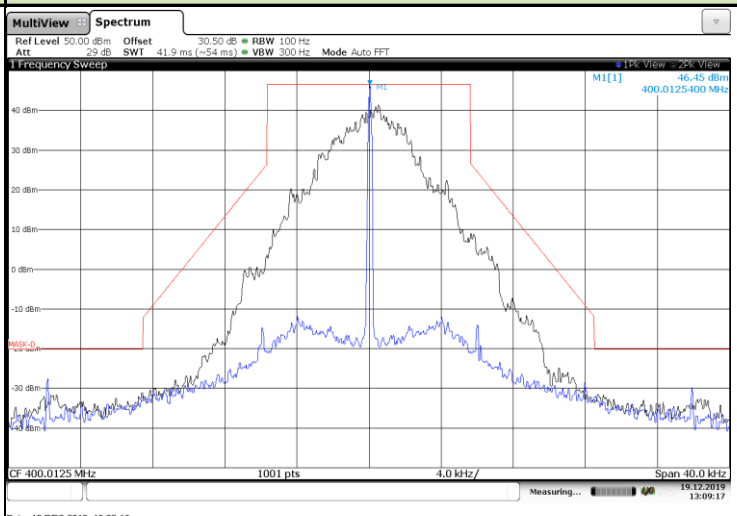
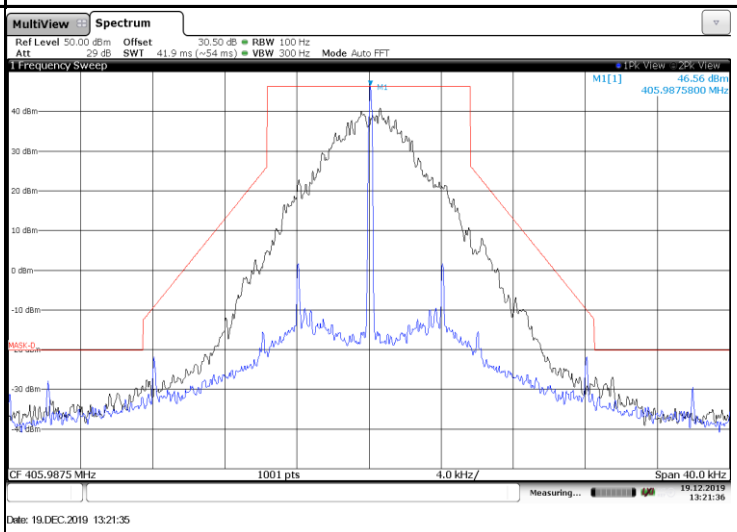
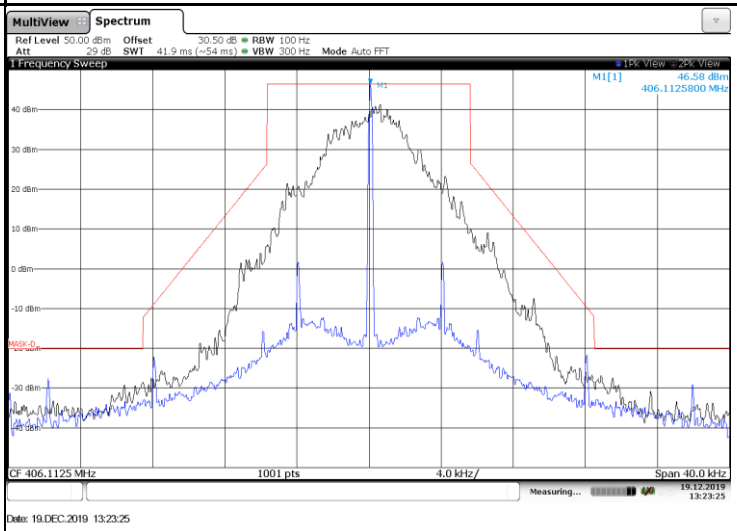
Appendix B:Occupied Bandwidth

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

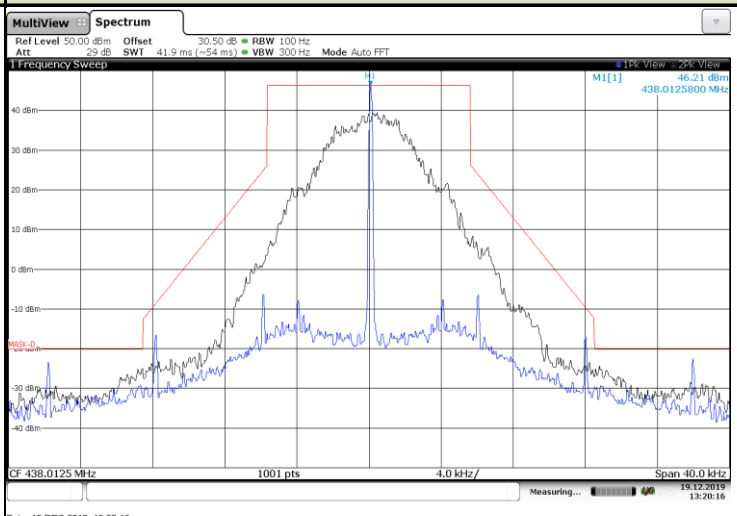
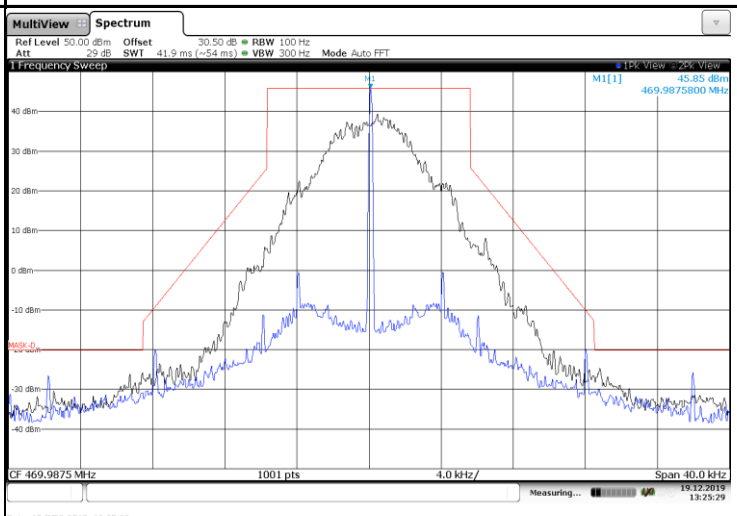
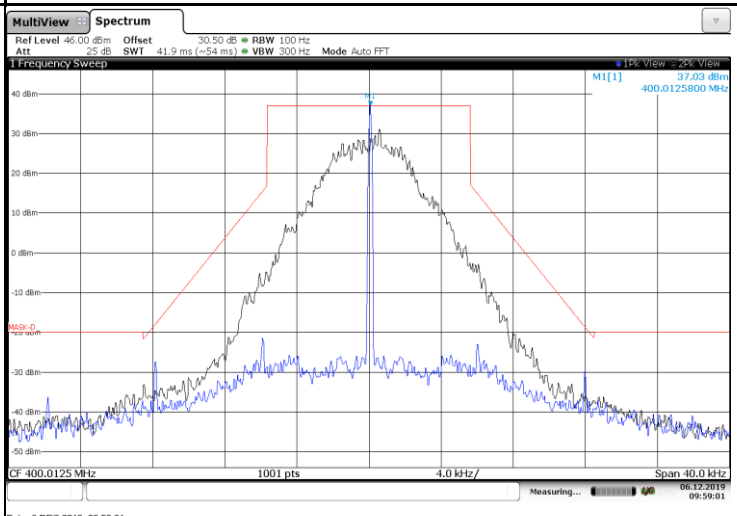
Appendix B:Occupied Bandwidth

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-ANL	FM	CH_{M3}	
TX-ANL	FM	CH_{H}	

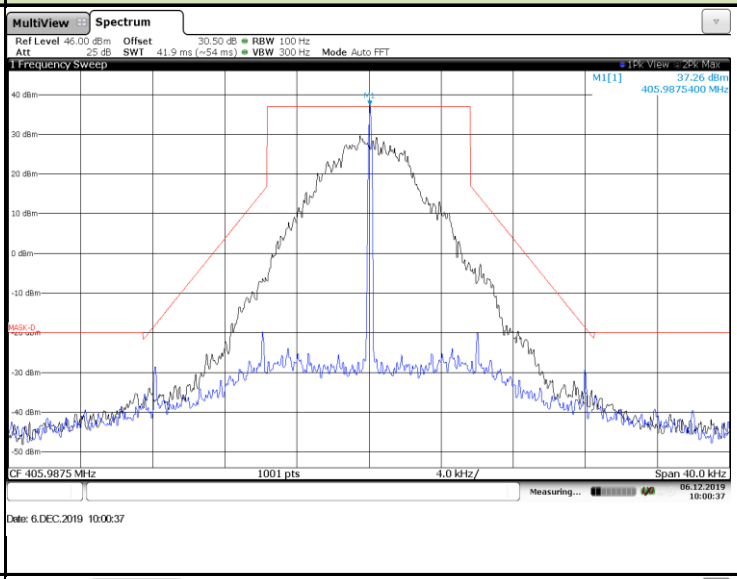
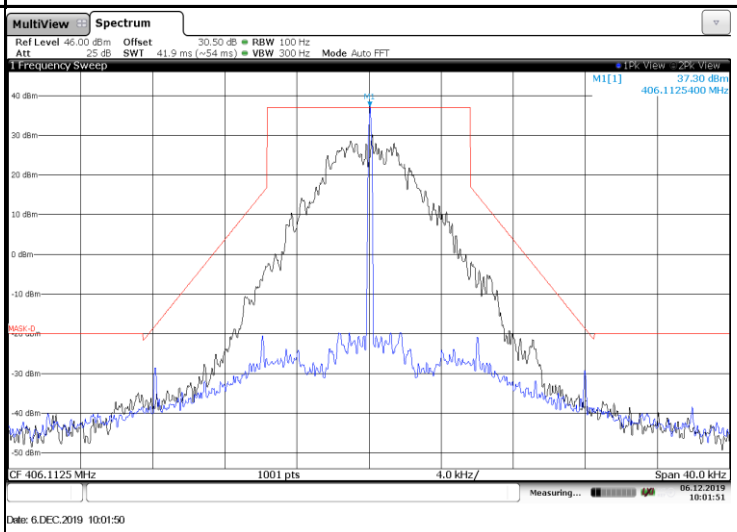
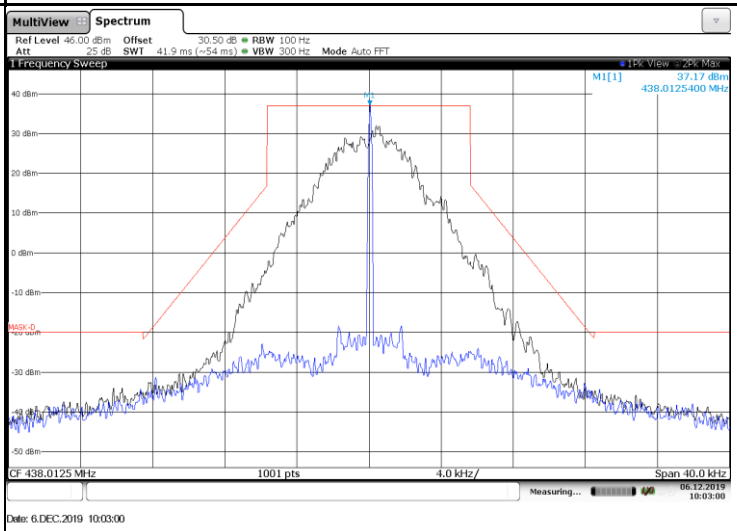
Appendix C:Emission Mask

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

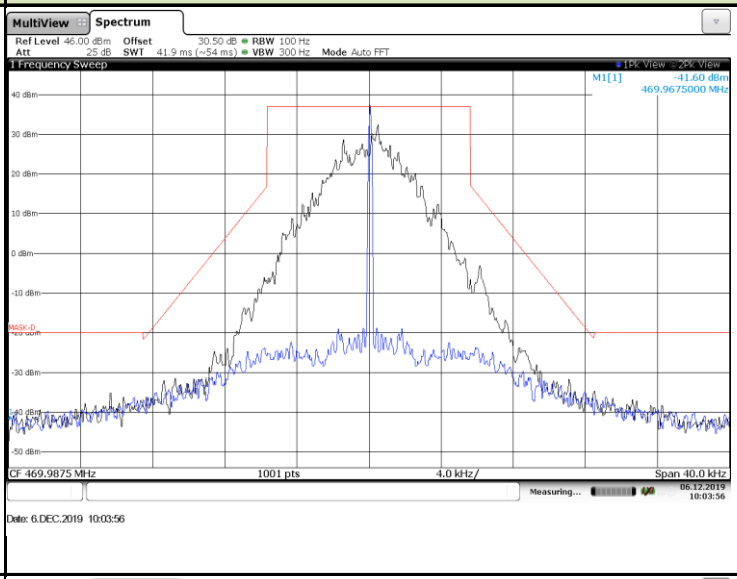
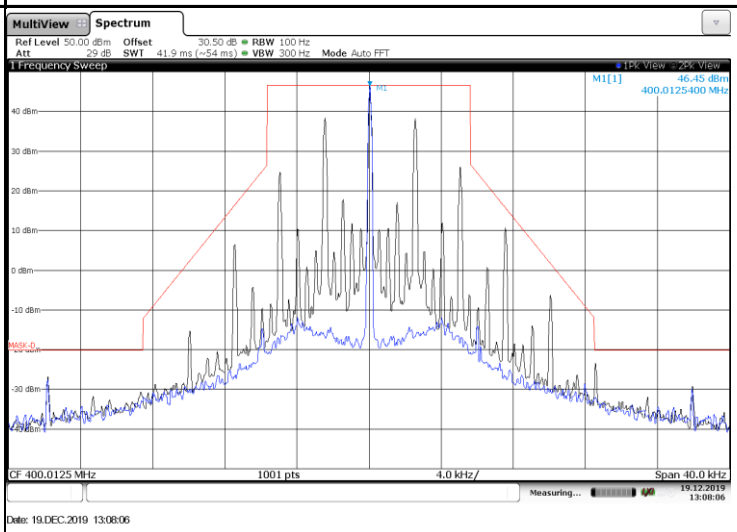
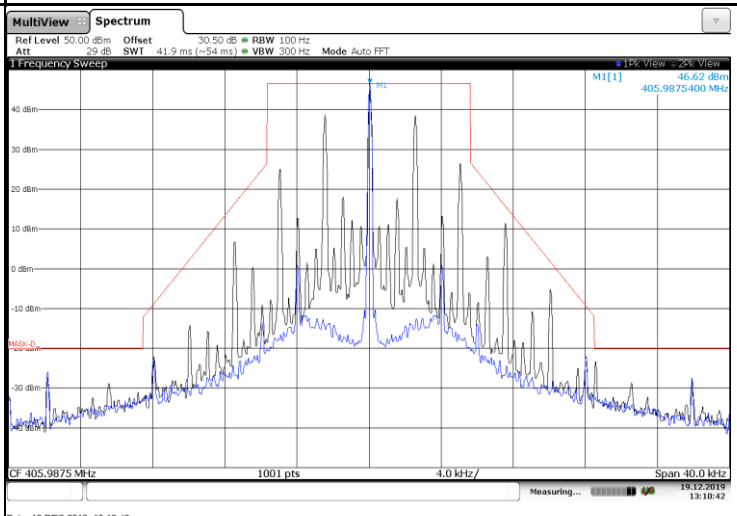
Appendix C:Emission Mask

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

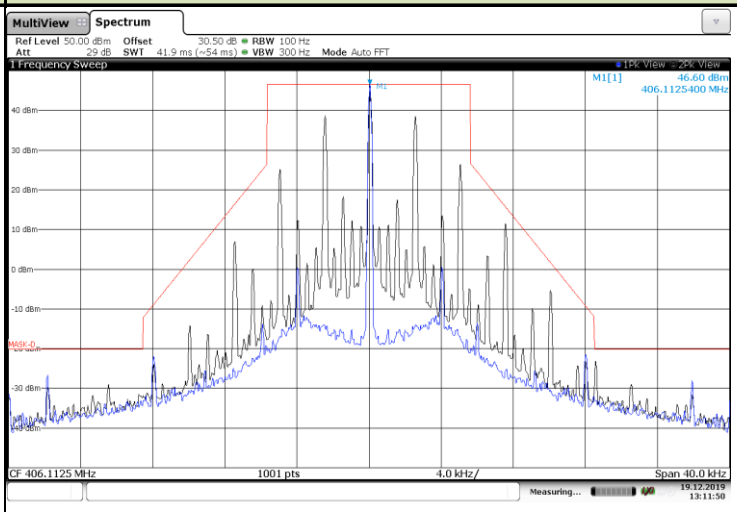
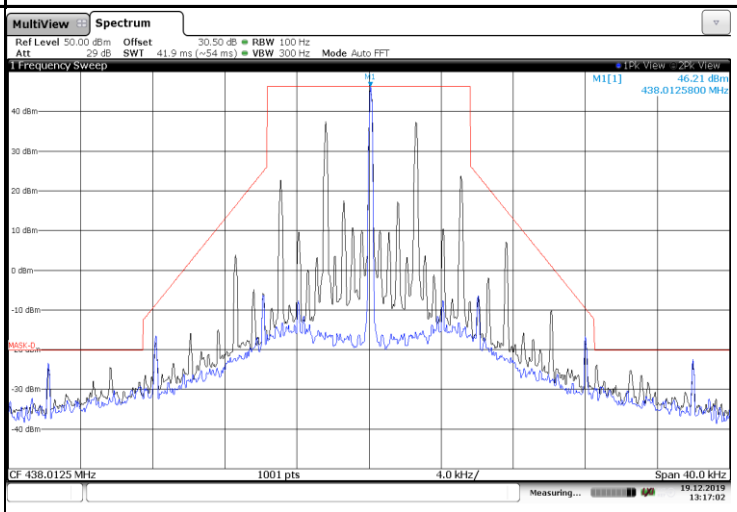
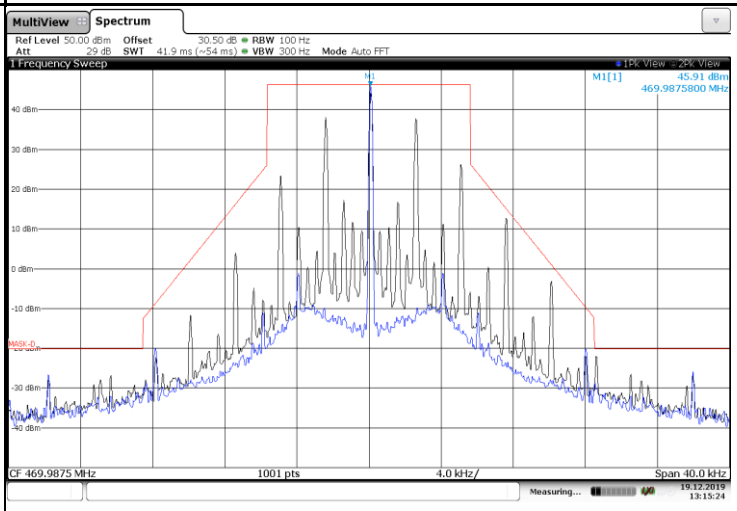
Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-DNL	4FSK	CH_{M1}	
TX-DNL	4FSK	CH_{M2}	
TX-DNL	4FSK	CH_{M3}	

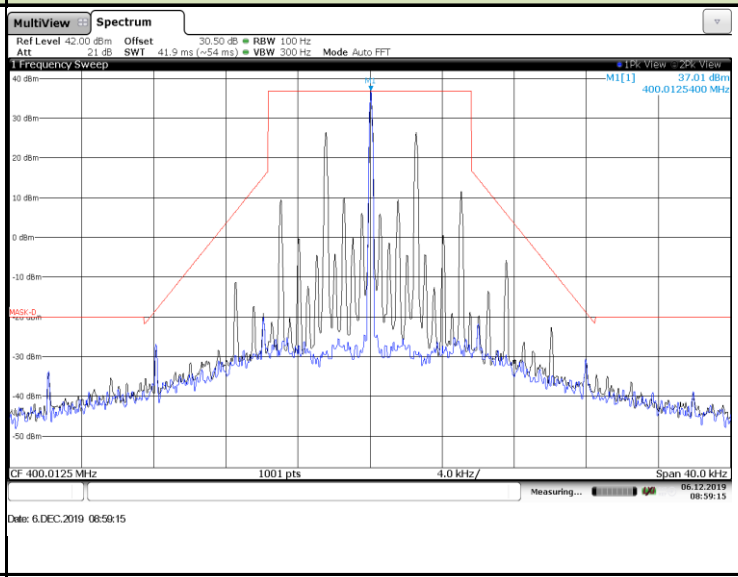
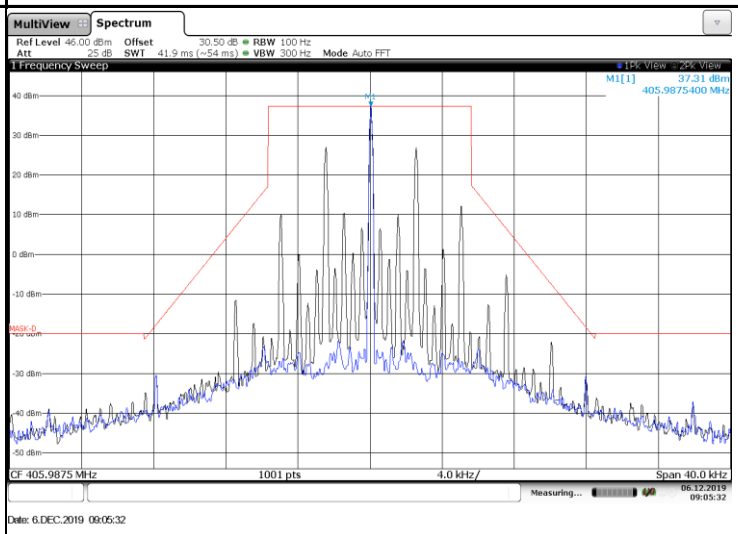
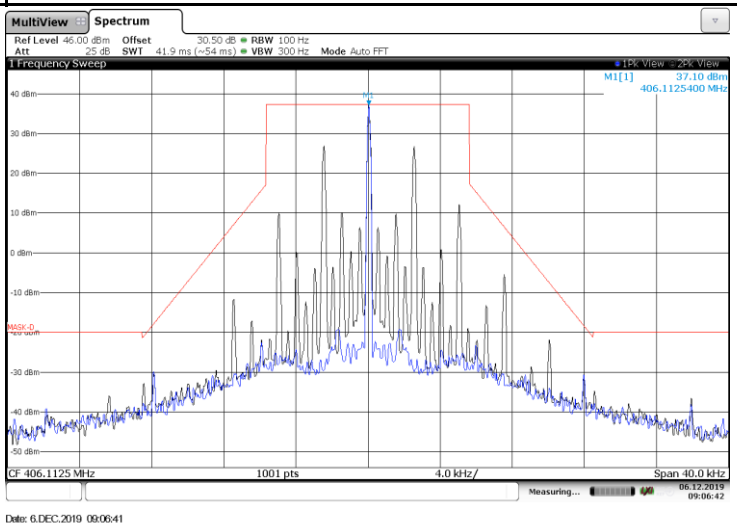
Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-DNL	4FSK	CH_H	
TX-ANH	FM	CH_L	
TX-ANH	FM	CH_{M1}	

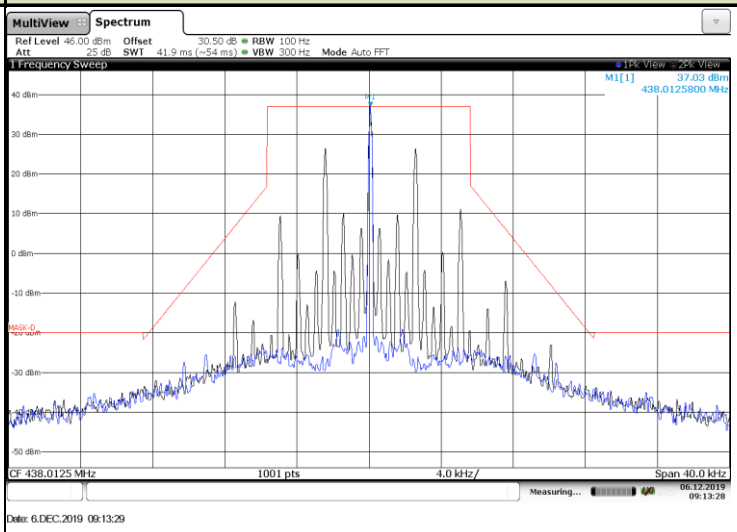
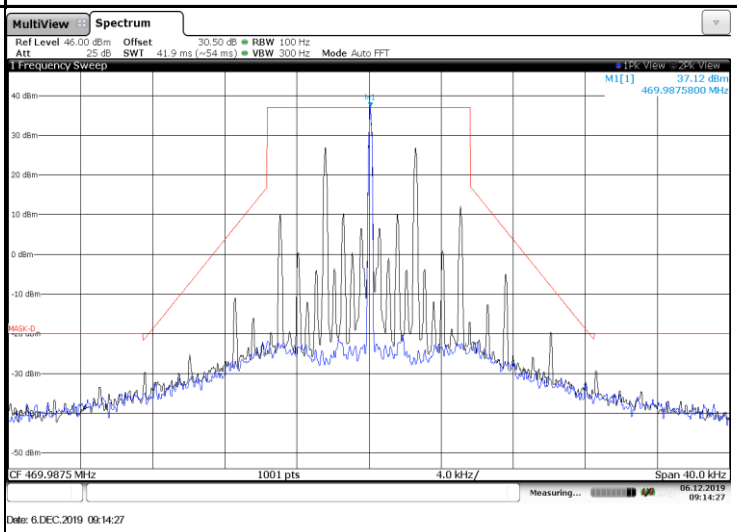
Appendix C:Emission Mask

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

Appendix C:Emission Mask

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

Appendix C:Emission Mask

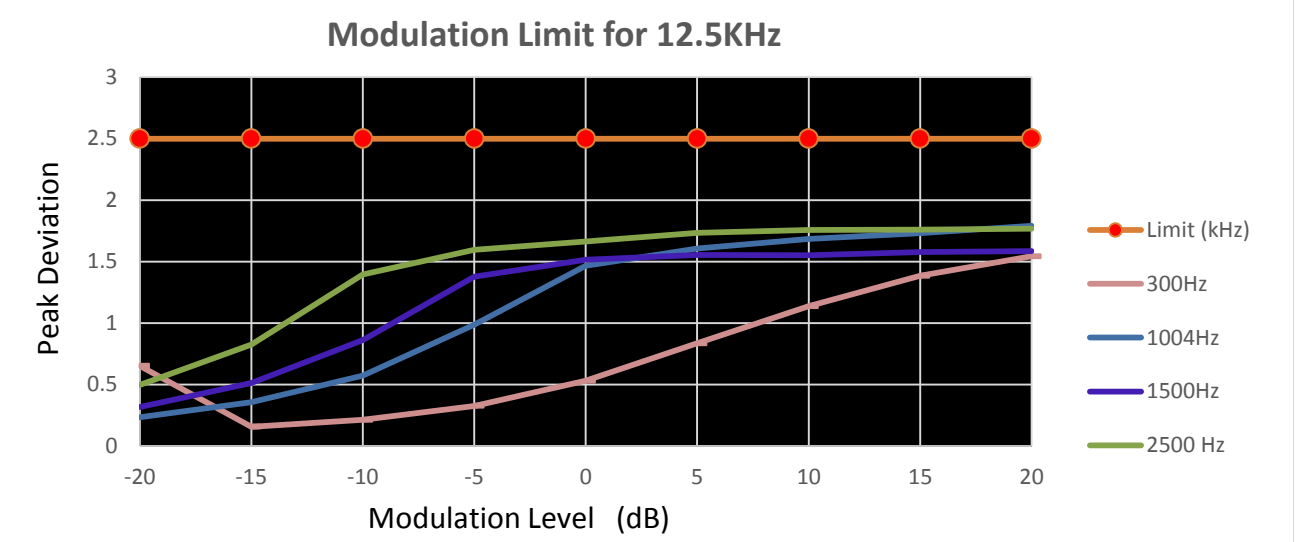
Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-ANL	FM	CH_{M3}	
TX-ANL	FM	CH_{H}	

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	0.652	0.234	0.319	0.497	2.5	PASS
TX-ANH	FM	CH_{M2}	-15	0.157	0.357	0.513	0.825	2.5	PASS
TX-ANH	FM	CH_{M2}	-10	0.214	0.573	0.863	1.396	2.5	PASS
TX-ANH	FM	CH_{M2}	-5	0.327	0.986	1.376	1.597	2.5	PASS
TX-ANH	FM	CH_{M2}	0	0.531	1.467	1.514	1.664	2.5	PASS
TX-ANH	FM	CH_{M2}	5	0.835	1.606	1.553	1.734	2.5	PASS
TX-ANH	FM	CH_{M2}	10	1.137	1.685	1.551	1.757	2.5	PASS
TX-ANH	FM	CH_{M2}	15	1.385	1.732	1.577	1.759	2.5	PASS
TX-ANH	FM	CH_{M2}	20	1.543	1.791	1.585	1.767	2.5	PASS

Appendix D:Modulation Limit

TEST PLOT RESULT

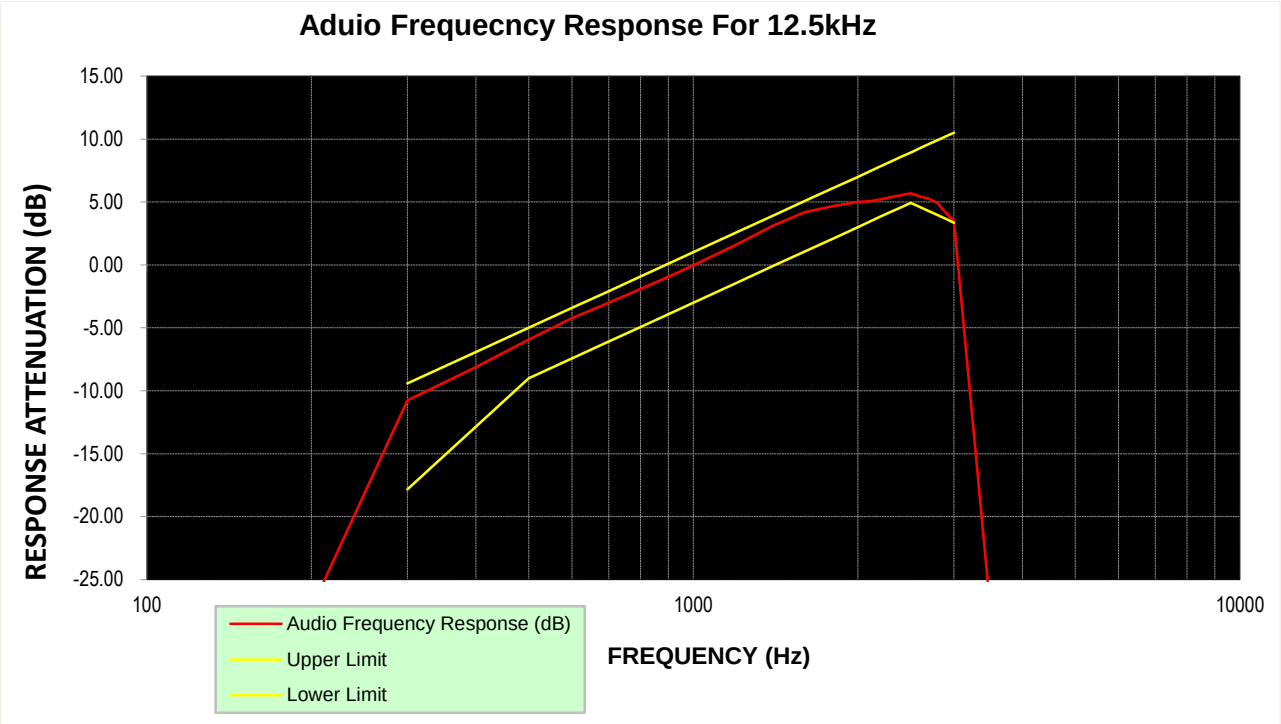


Appendix E:Aduio Frequency Response

Operation Mode	Modulation Type	Test Channel	Frequency (Hz)	Audio Frequency Response (dB)	Lower Limit	Upper Limit	Result
TX-ANH	FM	CH_{M2}	100	-27.34			PASS
TX-ANH	FM	CH_{M2}	200	-27.30			PASS
TX-ANH	FM	CH_{M2}	300	-10.76	-17.84	-9.42	PASS
TX-ANH	FM	CH_{M2}	400	-8.13	-12.86	-6.93	PASS
TX-ANH	FM	CH_{M2}	500	-5.93	-9.00	-5.00	PASS
TX-ANH	FM	CH_{M2}	600	-4.24	-7.42	-3.42	PASS
TX-ANH	FM	CH_{M2}	700	-3.01	-6.09	-2.09	PASS
TX-ANH	FM	CH_{M2}	800	-1.93	-4.93	-0.93	PASS
TX-ANH	FM	CH_{M2}	900	-0.94	-3.91	0.09	PASS
TX-ANH	FM	CH_{M2}	1000	-0.03	-3.00	1.00	PASS
TX-ANH	FM	CH_{M2}	1200	1.62	-1.42	2.58	PASS
TX-ANH	FM	CH_{M2}	1400	3.12	-0.09	3.91	PASS
TX-ANH	FM	CH_{M2}	1600	4.20	1.07	5.07	PASS
TX-ANH	FM	CH_{M2}	1800	4.68	2.09	6.09	PASS
TX-ANH	FM	CH_{M2}	2000	5.00	3.00	7.00	PASS
TX-ANH	FM	CH_{M2}	2100	5.05	3.42	7.42	PASS
TX-ANH	FM	CH_{M2}	2200	5.21	3.83	7.83	PASS
TX-ANH	FM	CH_{M2}	2300	5.37	4.21	8.21	PASS
TX-ANH	FM	CH_{M2}	2400	5.54	4.58	8.58	PASS
TX-ANH	FM	CH_{M2}	2500	5.70	4.93	8.93	PASS
TX-ANH	FM	CH_{M2}	2600	5.43	4.59	9.27	PASS
TX-ANH	FM	CH_{M2}	2700	5.25	4.27	9.60	PASS
TX-ANH	FM	CH_{M2}	2800	4.89	3.95	9.91	PASS
TX-ANH	FM	CH_{M2}	2900	4.15	3.65	10.22	PASS
TX-ANH	FM	CH_{M2}	3000	3.47	3.35	10.51	PASS
TX-ANH	FM	CH_{M2}	3500	-27.73			PASS
TX-ANH	FM	CH_{M2}	4000	-27.44			PASS
TX-ANH	FM	CH_{M2}	4500	-27.50			PASS
TX-ANH	FM	CH_{M2}	5000	-27.53			PASS

Appendix E:Aduio Frequency Response

TEST PLOT RESULT



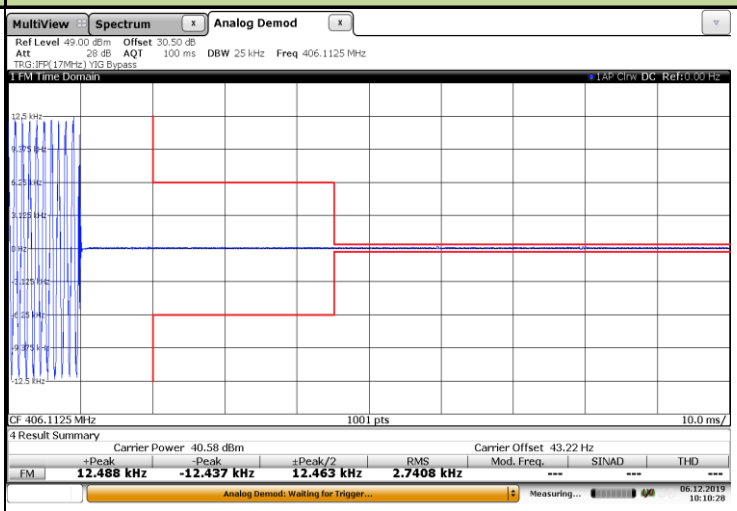
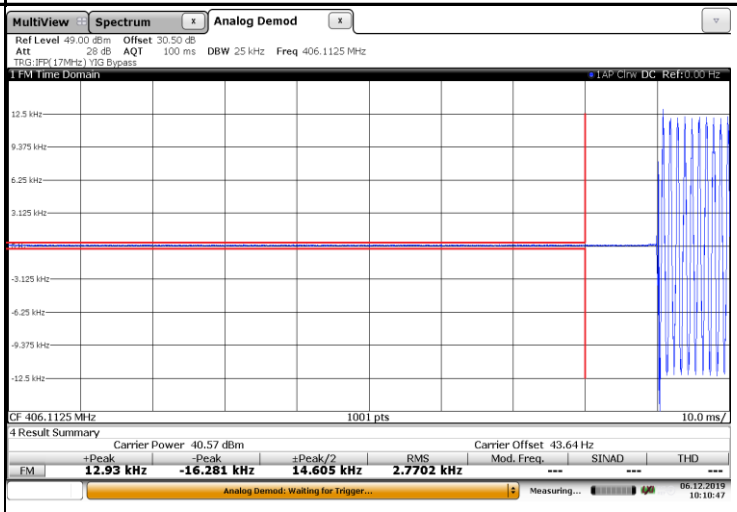
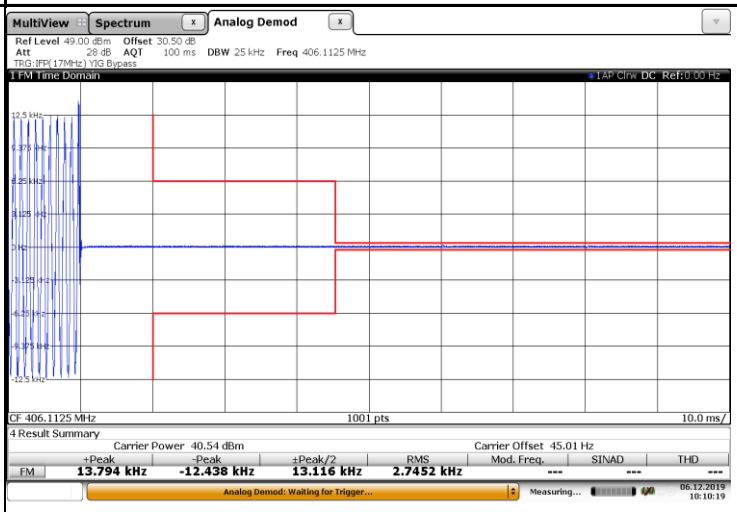
Appendix F:Frequency Stability Test & Temperature

Operation Mode	Modulation Type	Test Conditions		Frequency error (ppm)					Limit (ppm)	Result
		Voltage	Temperature	CH_L	CH_{M1}	CH_{M2}	CH_{M3}	CH_H		
TX-DNH	4FSK	V_N	-30	-0.126	-0.120	-0.124	-0.134	-0.167	±5.0	PASS
TX-DNH	4FSK	V_N	-20	-0.120	-0.120	-0.120	-0.141	-0.172	±5.0	PASS
TX-DNH	4FSK	V_N	-10	-0.125	-0.126	-0.121	-0.139	-0.170	±5.0	PASS
TX-DNH	4FSK	V_N	0	-0.127	-0.120	-0.120	-0.137	-0.171	±5.0	PASS
TX-DNH	4FSK	V_N	10	-0.125	-0.122	-0.120	-0.139	-0.173	±5.0	PASS
TX-DNH	4FSK	V_N	20	-0.119	-0.118	-0.119	-0.131	-0.163	±5.0	PASS
TX-DNH	4FSK	V_N	30	-0.120	-0.124	-0.127	-0.139	-0.170	±5.0	PASS
TX-DNH	4FSK	V_N	40	-0.121	-0.119	-0.130	-0.143	-0.170	±5.0	PASS
TX-DNH	4FSK	V_N	55	-0.130	-0.119	-0.124	-0.141	-0.178	±5.0	PASS
TX-DNL	4FSK	V_N	-30	-0.131	-0.133	-0.140	-0.065	-0.187	±5.0	PASS
TX-DNL	4FSK	V_N	-20	-0.122	-0.130	-0.130	-0.065	-0.176	±5.0	PASS
TX-DNL	4FSK	V_N	-10	-0.133	-0.130	-0.141	-0.065	-0.175	±5.0	PASS
TX-DNL	4FSK	V_N	0	-0.130	-0.129	-0.138	-0.071	-0.186	±5.0	PASS
TX-DNL	4FSK	V_N	10	-0.126	-0.133	-0.135	-0.069	-0.185	±5.0	PASS
TX-DNL	4FSK	V_N	20	-0.121	-0.128	-0.128	-0.065	-0.173	±5.0	PASS
TX-DNL	4FSK	V_N	30	-0.132	-0.132	-0.139	-0.066	-0.183	±5.0	PASS
TX-DNL	4FSK	V_N	40	-0.122	-0.132	-0.137	-0.066	-0.178	±5.0	PASS
TX-DNL	4FSK	V_N	55	-0.126	-0.138	-0.129	-0.069	-0.179	±5.0	PASS
TX-ANH	FM	V_N	-30	0.221	0.234	0.233	0.218	0.266	±5.0	PASS
TX-ANH	FM	V_N	-20	0.220	0.245	0.239	0.215	0.263	±5.0	PASS
TX-ANH	FM	V_N	-10	0.211	0.243	0.235	0.225	0.265	±5.0	PASS
TX-ANH	FM	V_N	0	0.218	0.246	0.231	0.208	0.250	±5.0	PASS
TX-ANH	FM	V_N	10	0.213	0.229	0.235	0.221	0.256	±5.0	PASS
TX-ANH	FM	V_N	20	0.204	0.225	0.219	0.207	0.244	±5.0	PASS
TX-ANH	FM	V_N	30	0.212	0.235	0.231	0.219	0.256	±5.0	PASS
TX-ANH	FM	V_N	40	0.216	0.233	0.230	0.211	0.267	±5.0	PASS
TX-ANH	FM	V_N	55	0.206	0.243	0.220	0.227	0.268	±5.0	PASS
TX-ANL	FM	V_N	-30	0.203	0.230	0.221	0.220	0.236	±5.0	PASS
TX-ANL	FM	V_N	-20	0.212	0.226	0.223	0.210	0.244	±5.0	PASS
TX-ANL	FM	V_N	-10	0.217	0.233	0.230	0.220	0.253	±5.0	PASS
TX-ANL	FM	V_N	0	0.216	0.242	0.227	0.219	0.244	±5.0	PASS
TX-ANL	FM	V_N	10	0.201	0.241	0.223	0.210	0.247	±5.0	PASS
TX-ANL	FM	V_N	20	0.201	0.222	0.216	0.201	0.233	±5.0	PASS
TX-ANL	FM	V_N	30	0.220	0.226	0.227	0.215	0.248	±5.0	PASS
TX-ANL	FM	V_N	40	0.218	0.228	0.226	0.207	0.247	±5.0	PASS
TX-ANL	FM	V_N	55	0.205	0.228	0.233	0.212	0.242	±5.0	PASS

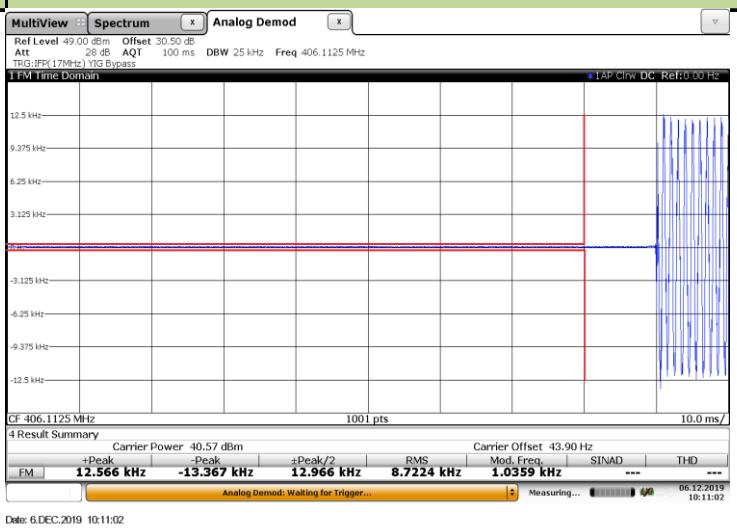
Appendix G:Frequency Stability Test & Voltage

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	-0.119	-0.118	-0.119	-0.131	-0.163	±5.0	PASS
TX-DNH	4FSK	V_L	T_N	-0.119	-0.120	-0.119	-0.132	-0.165	±5.0	PASS
TX-DNH	4FSK	V_H	T_N	-0.122	-0.123	-0.121	-0.133	-0.171	±5.0	PASS
TX-DNL	4FSK	V_N	T_N	-0.121	-0.128	-0.128	-0.065	-0.173	±5.0	PASS
TX-DNL	4FSK	V_L	T_N	-0.121	-0.129	-0.129	-0.066	-0.175	±5.0	PASS
TX-DNL	4FSK	V_H	T_N	-0.126	-0.135	-0.134	-0.066	-0.177	±5.0	PASS
TX-ANH	FM	V_N	T_N	0.204	0.225	0.219	0.207	0.244	±5.0	PASS
TX-ANH	FM	V_L	T_N	0.208	0.228	0.222	0.207	0.246	±5.0	PASS
TX-ANH	FM	V_H	T_N	0.205	0.236	0.222	0.217	0.248	±5.0	PASS
TX-ANL	FM	V_N	T_N	0.201	0.222	0.216	0.201	0.233	±5.0	PASS
TX-ANL	FM	V_L	T_N	0.204	0.222	0.217	0.205	0.234	±5.0	PASS
TX-ANL	FM	V_H	T_N	0.202	0.224	0.229	0.208	0.240	±5.0	PASS

Appendix H:Transmitter Frequency Behavior

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

Appendix H:Transmitter Frequency Behavior

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