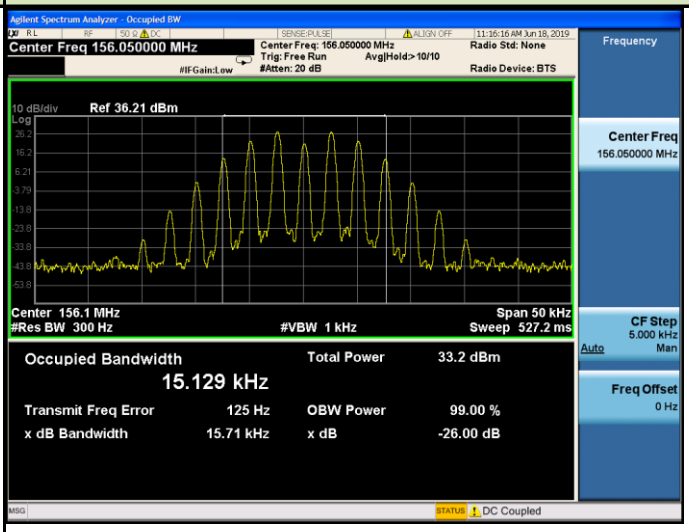
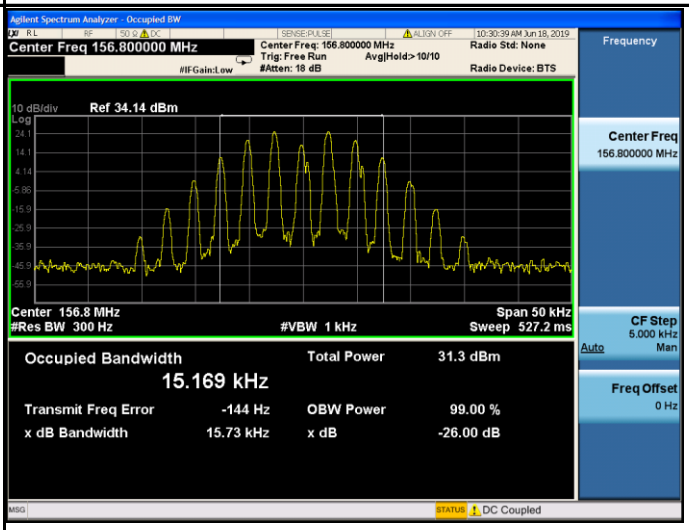
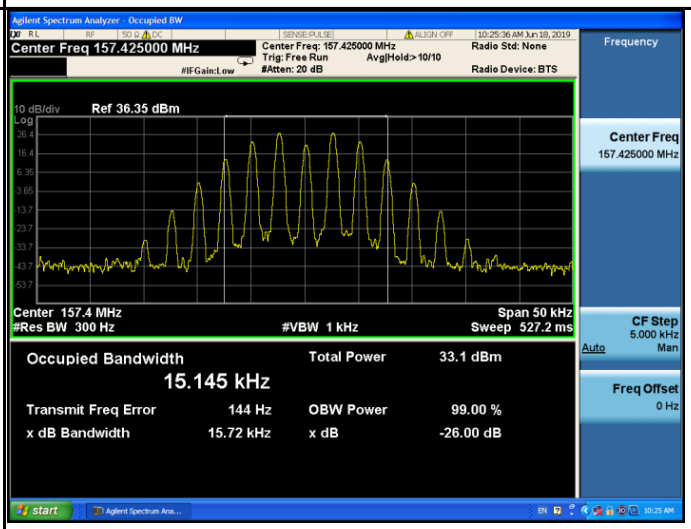
Appendix A:Maximum Transmitter Power

Operation Mode	Modulation Type	Test Channel	Measured Power(dBm)	Measured Power(W)	Rated Power(W)	Percentage (%)	Limit (%)	Result
TX-AWH	FM	CH_L	36.75	4.73	5.00	-5.4	±20	PASS
TX-AWH	FM	CH_{M2}	36.81	4.80	5.00	-4.1	±20	PASS
TX-AWH	FM	CH_H	36.78	4.76	5.00	-4.7	±20	PASS
TX-AWL	FM	CH_L	29.73	0.94	1.00	-6.0	±20	PASS
TX-AWL	FM	CH_{M2}	29.69	0.93	1.00	-6.9	±20	PASS
TX-AWL	FM	CH_H	29.71	0.94	1.00	-6.5	±20	PASS

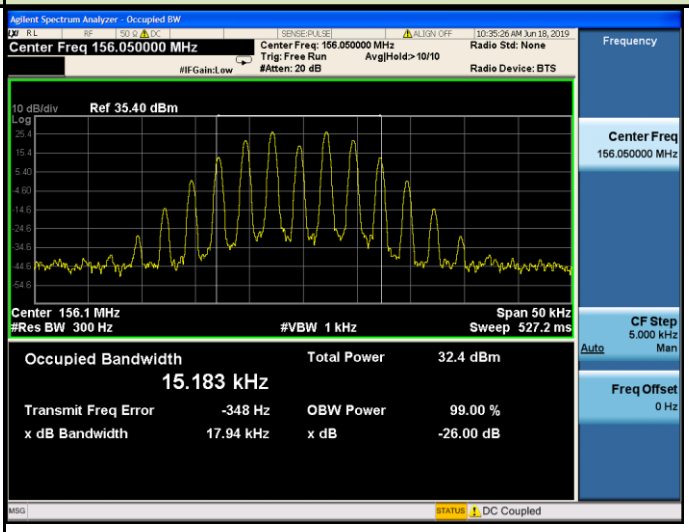
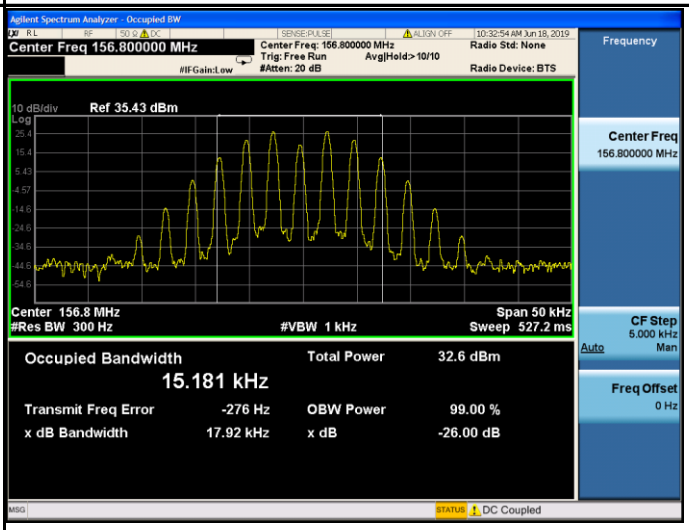
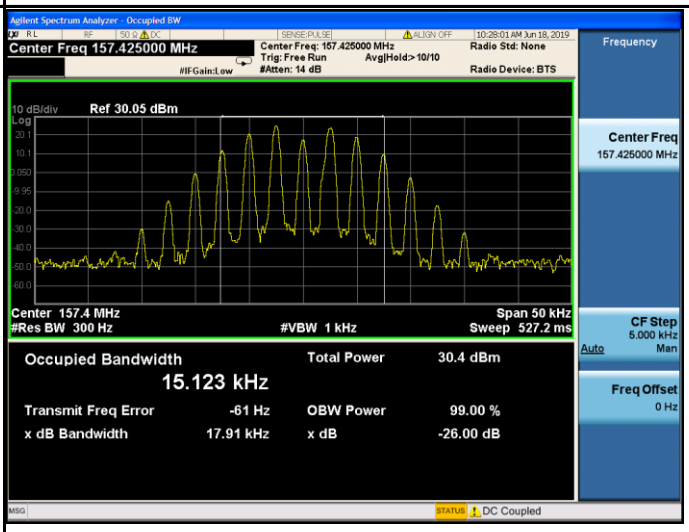
Appendix B:Occupied Bandwidth

Operation Mode	Modulation Type	Test Channel	Occupied Bandwidth		99% Limit(kHz)	Result
			99%(kHz)	26dB(kHz)		
TX-AWH	FM	CH_L	15.129	15.714	⩽20	PASS
TX-AWH	FM	CH_{M2}	15.169	15.734	⩽20	PASS
TX-AWH	FM	CH_H	15.145	15.723	⩽20	PASS
TX-AWL	FM	CH_L	15.183	17.943	⩽20	PASS
TX-AWL	FM	CH_{M2}	15.181	17.922	⩽20	PASS
TX-AWL	FM	CH_H	15.123	17.911	⩽20	PASS

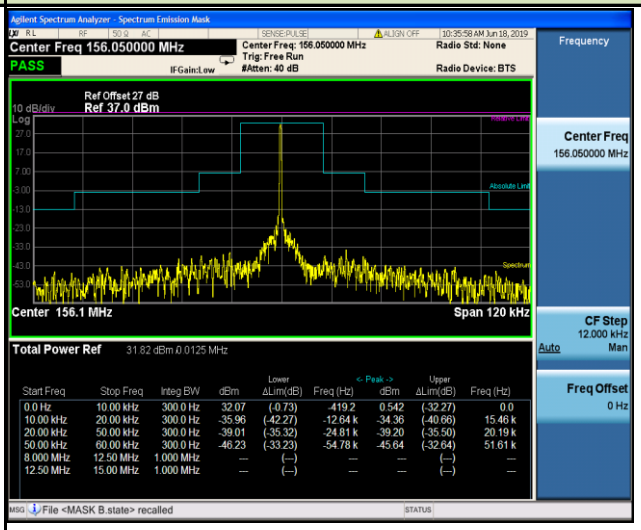
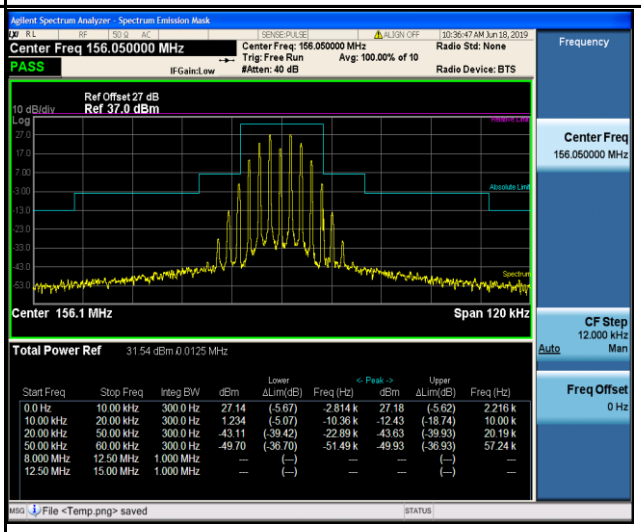
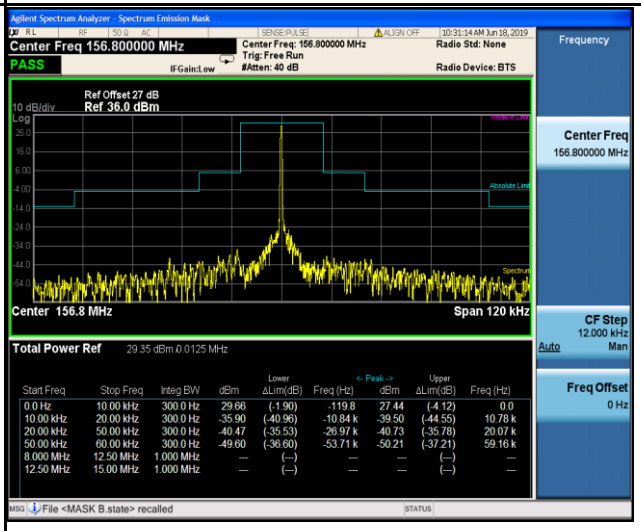
Appendix B:Occupied Bandwidth

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

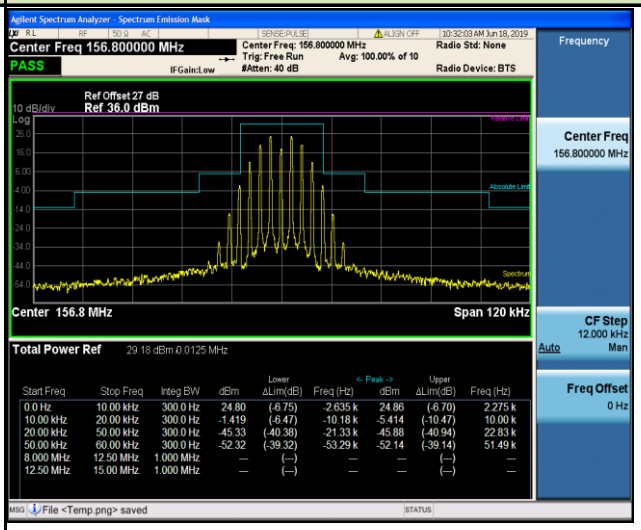
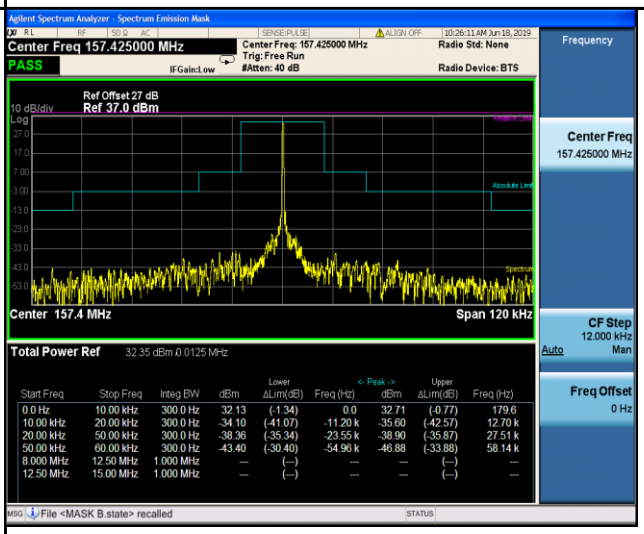
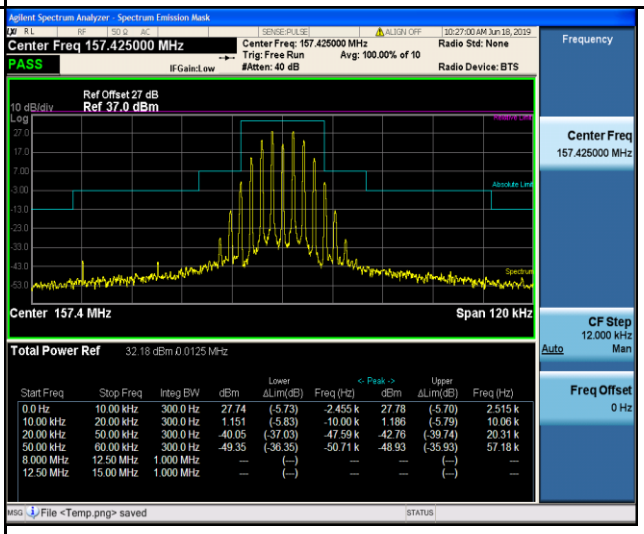
Appendix B:Occupied Bandwidth

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

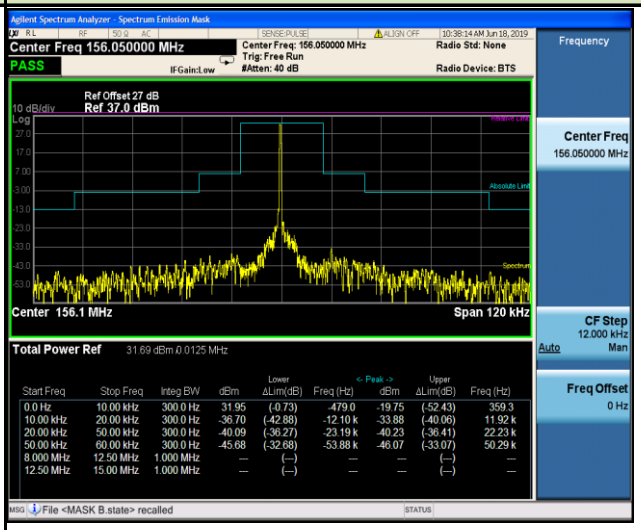
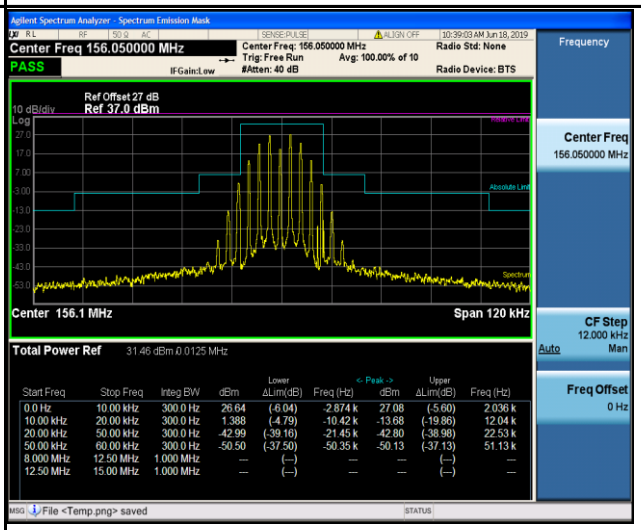
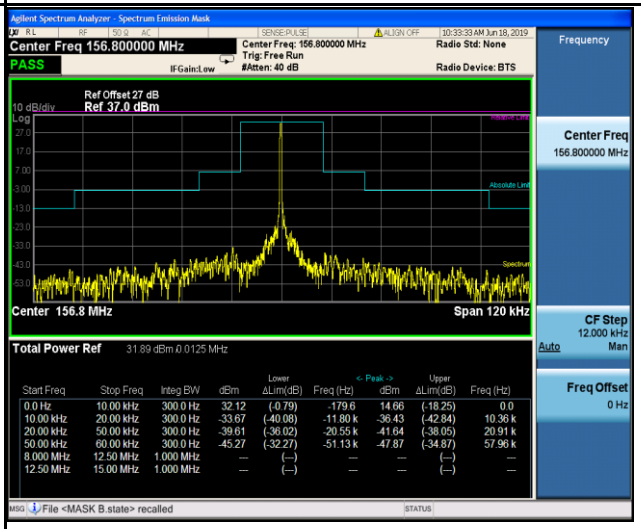
Appendix C:Emission Mask

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

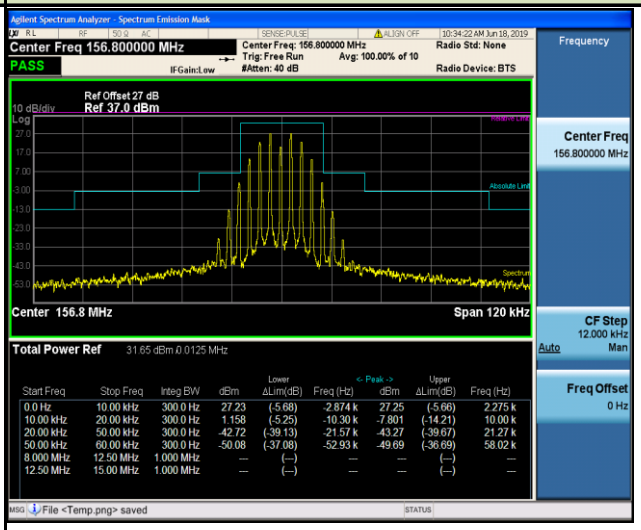
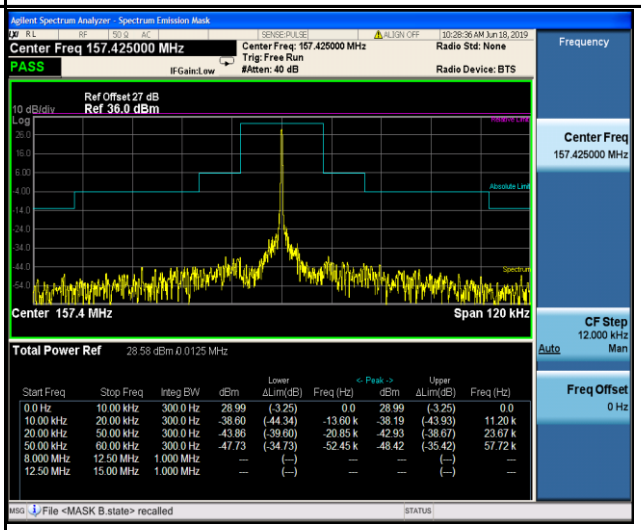
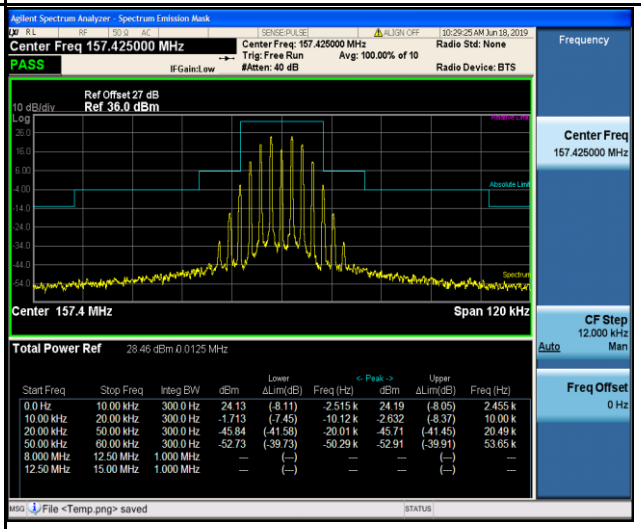
Appendix C:Emission Mask

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

Appendix C:Emission Mask

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

Appendix C:Emission Mask

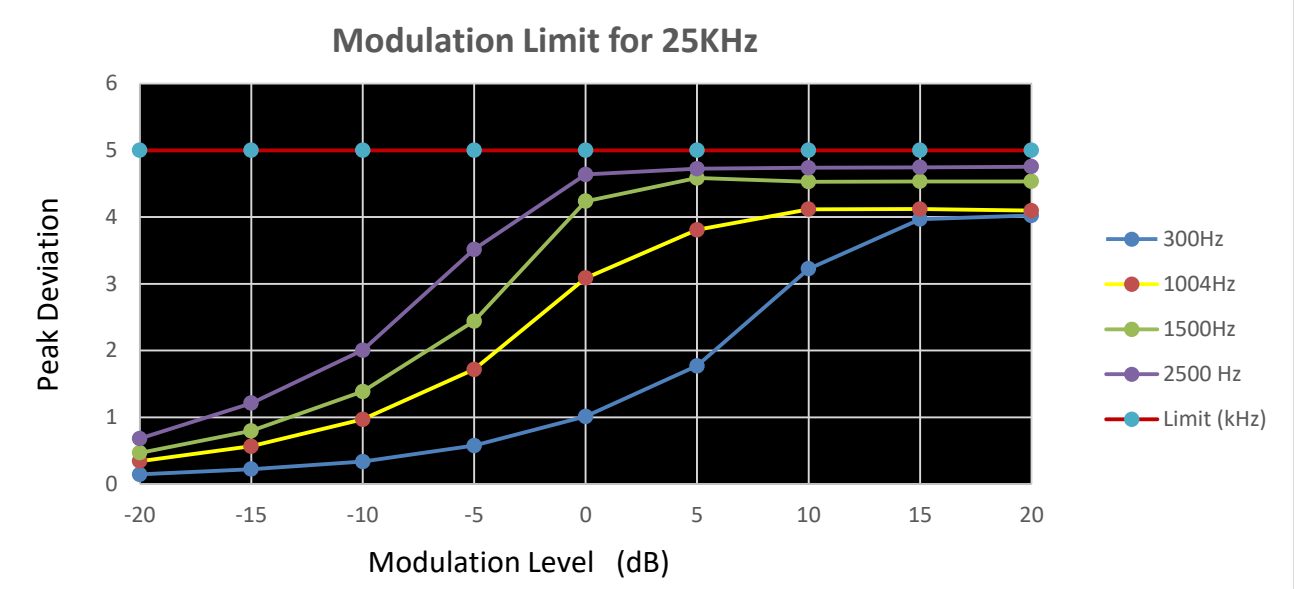
Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-AWL	FM	CH_{M2}	
TX-AWL	FM	CH_{H}	
TX-AWL	FM	CH_{H}	

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-AWH	FM	CH_{M2}	-20	0.143	0.342	0.467	0.681	5	PASS
TX-AWH	FM	CH_{M2}	-15	0.224	0.566	0.796	1.212	5	PASS
TX-AWH	FM	CH_{M2}	-10	0.337	0.969	1.385	2.004	5	PASS
TX-AWH	FM	CH_{M2}	-5	0.576	1.717	2.441	3.515	5	PASS
TX-AWH	FM	CH_{M2}	0	1.013	3.085	4.238	4.638	5	PASS
TX-AWH	FM	CH_{M2}	5	1.769	3.809	4.584	4.723	5	PASS
TX-AWH	FM	CH_{M2}	10	3.225	4.117	4.529	4.737	5	PASS
TX-AWH	FM	CH_{M2}	15	3.969	4.119	4.535	4.745	5	PASS
TX-AWH	FM	CH_{M2}	20	4.024	4.095	4.534	4.755	5	PASS

Appendix D:Modulation Limit

TEST PLOT RESULT

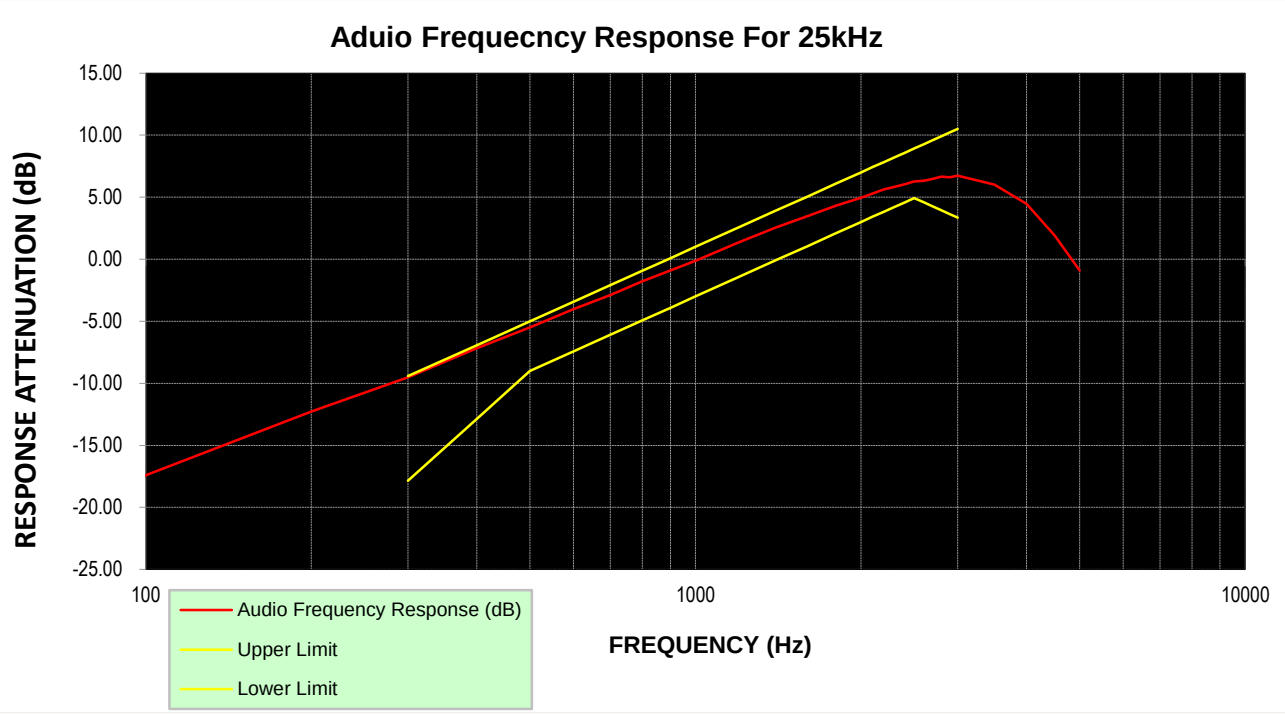


Appendix E:Aduio Frequency Response

Operation Mode	Modulation Type	Test Channel	Frequency (Hz)	Audio Frequency Response (dB)	Lower Limit	Upper Limit	Result
TX-AWH	FM	CH_{M2}	100	-17.41			PASS
TX-AWH	FM	CH_{M2}	200	-12.28			PASS
TX-AWH	FM	CH_{M2}	300	-9.51	-17.84	-9.42	PASS
TX-AWH	FM	CH_{M2}	400	-7.17	-12.86	-6.93	PASS
TX-AWH	FM	CH_{M2}	500	-5.49	-9.00	-5.00	PASS
TX-AWH	FM	CH_{M2}	600	-4.03	-7.42	-3.42	PASS
TX-AWH	FM	CH_{M2}	700	-2.89	-6.09	-2.09	PASS
TX-AWH	FM	CH_{M2}	800	-1.79	-4.93	-0.93	PASS
TX-AWH	FM	CH_{M2}	900	-0.91	-3.91	0.09	PASS
TX-AWH	FM	CH_{M2}	1000	-0.13	-3.00	1.00	PASS
TX-AWH	FM	CH_{M2}	1200	1.38	-1.42	2.58	PASS
TX-AWH	FM	CH_{M2}	1400	2.56	-0.09	3.91	PASS
TX-AWH	FM	CH_{M2}	1600	3.48	1.07	5.07	PASS
TX-AWH	FM	CH_{M2}	1800	4.31	2.09	6.09	PASS
TX-AWH	FM	CH_{M2}	2000	4.96	3.00	7.00	PASS
TX-AWH	FM	CH_{M2}	2100	5.29	3.42	7.42	PASS
TX-AWH	FM	CH_{M2}	2200	5.63	3.83	7.83	PASS
TX-AWH	FM	CH_{M2}	2300	5.83	4.21	8.21	PASS
TX-AWH	FM	CH_{M2}	2400	6.05	4.58	8.58	PASS
TX-AWH	FM	CH_{M2}	2500	6.26	4.93	8.93	PASS
TX-AWH	FM	CH_{M2}	2600	6.32	4.59	9.27	PASS
TX-AWH	FM	CH_{M2}	2700	6.49	4.27	9.60	PASS
TX-AWH	FM	CH_{M2}	2800	6.65	3.95	9.91	PASS
TX-AWH	FM	CH_{M2}	2900	6.61	3.65	10.22	PASS
TX-AWH	FM	CH_{M2}	3000	6.73	3.35	10.51	PASS
TX-AWH	FM	CH_{M2}	3500	6.01			PASS
TX-AWH	FM	CH_{M2}	4000	4.47			PASS
TX-AWH	FM	CH_{M2}	4500	1.92			PASS
TX-AWH	FM	CH_{M2}	5000	-0.89			PASS

Appendix E:Aduio Frequency Response

TEST PLOT RESULT

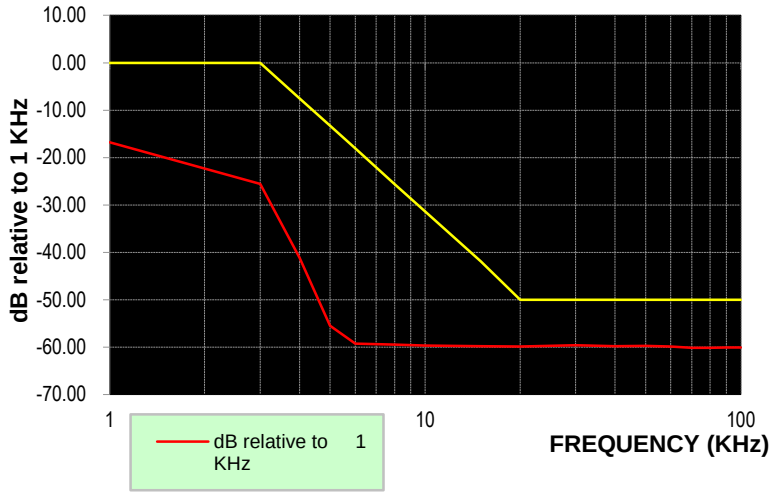


Note: The highest audio frequency response at 3kHz<3.125kHz, so meet the requirement.

Appendix F:Audio Low Pass Filter Response

Operation Mode	Modulation Type	Test Channel	Frequency (KHz)	dB relative to 1 KHz	Limit	Result
TX-AWH	FM	CH_{M2}	1	-16.77	0.00	PASS
TX-AWH	FM	CH_{M2}	3	-25.58	0.00	PASS
TX-AWH	FM	CH_{M2}	4	-41.19	-7.50	PASS
TX-AWH	FM	CH_{M2}	5	-55.52	-13.30	PASS
TX-AWH	FM	CH_{M2}	6	-59.26	-18.10	PASS
TX-AWH	FM	CH_{M2}	8	-59.45	-25.60	PASS
TX-AWH	FM	CH_{M2}	10	-59.67	-31.40	PASS
TX-AWH	FM	CH_{M2}	15	-59.84	-41.90	PASS
TX-AWH	FM	CH_{M2}	20	-59.91	-50.00	PASS
TX-AWH	FM	CH_{M2}	30	-59.64	-50.00	PASS
TX-AWH	FM	CH_{M2}	40	-59.83	-50.00	PASS
TX-AWH	FM	CH_{M2}	50	-59.72	-50.00	PASS
TX-AWH	FM	CH_{M2}	60	-59.91	-50.00	PASS
TX-AWH	FM	CH_{M2}	70	-60.13	-50.00	PASS
TX-AWH	FM	CH_{M2}	80	-60.12	-50.00	PASS
TX-AWH	FM	CH_{M2}	90	-60.09	-50.00	PASS
TX-AWH	FM	CH_{M2}	100	-60.11	-50.00	PASS

Appendix F:Audio Low Pass Filter Response

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

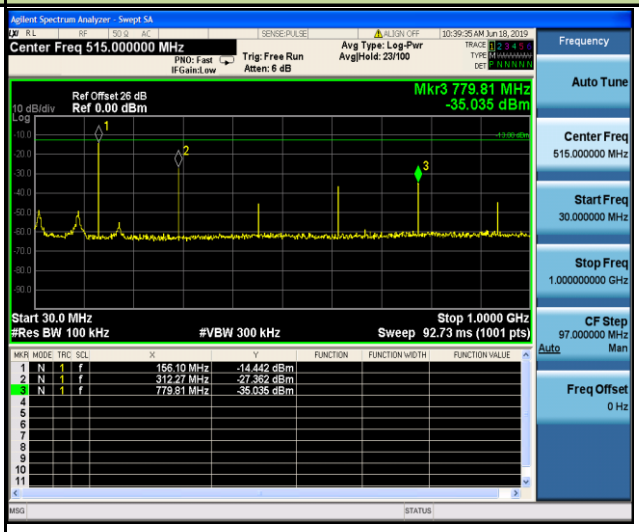
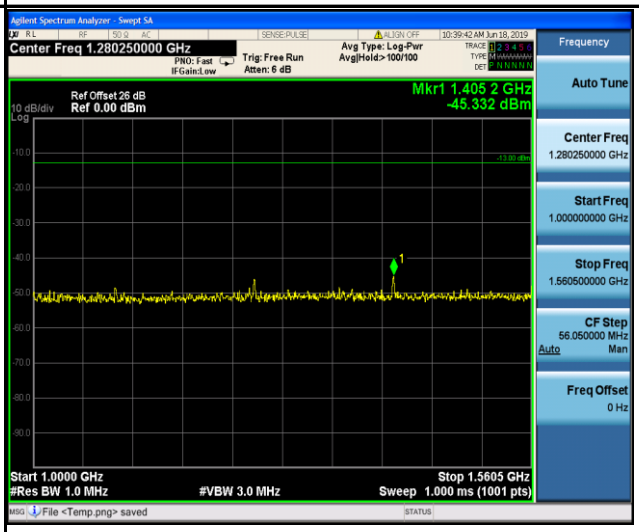
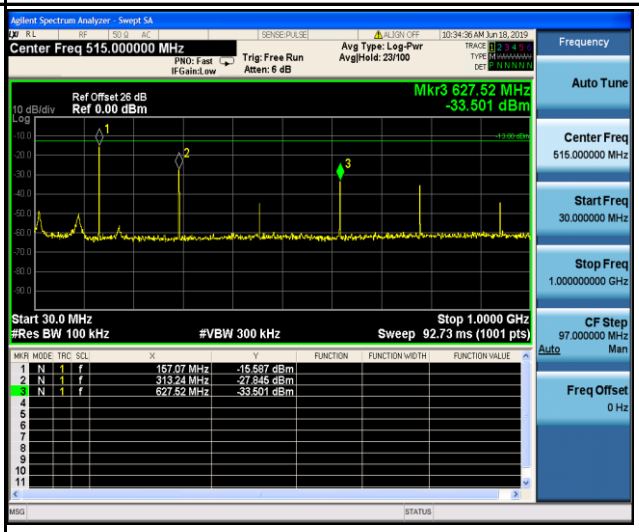
Appendix G:Frequency Stability Test & Temperature

Operation Mode	Modulation Type	Test Conditions		Frequency error (ppm)			Limit (ppm)	Result
		Voltage	Temperature	CH_L	CH_{M2}	CH_H		
TX-AWH	FM	V_N	-30	-0.400	0.189	0.187	±10	PASS
TX-AWH	FM	V_N	-20	-0.382	0.180	0.192	±10	PASS
TX-AWH	FM	V_N	-10	-0.387	0.185	0.180	±10	PASS
TX-AWH	FM	V_N	0	-0.387	0.180	0.187	±10	PASS
TX-AWH	FM	V_N	10	-0.378	0.190	0.180	±10	PASS
TX-AWH	FM	V_N	20	-0.364	0.179	0.176	±10	PASS
TX-AWH	FM	V_N	30	-0.383	0.185	0.177	±10	PASS
TX-AWH	FM	V_N	40	-0.377	0.180	0.191	±10	PASS
TX-AWH	FM	V_N	55	-0.398	**0.193**	0.178	±10	PASS
TX-AWL	FM	V_N	-30	-0.421	0.167	0.173	±10	PASS
TX-AWL	FM	V_N	-20	-0.423	0.162	0.165	±10	PASS
TX-AWL	FM	V_N	-10	-0.392	0.171	0.170	±10	PASS
TX-AWL	FM	V_N	0	-0.402	0.162	0.175	±10	PASS
TX-AWL	FM	V_N	10	-0.413	0.161	0.169	±10	PASS
TX-AWL	FM	V_N	20	-0.391	0.156	0.159	±10	PASS
TX-AWL	FM	V_N	30	-0.399	0.171	0.163	±10	PASS
TX-AWL	FM	V_N	40	-0.398	0.165	0.162	±10	PASS
TX-AWL	FM	V_N	55	-0.428	0.156	0.161	±10	PASS

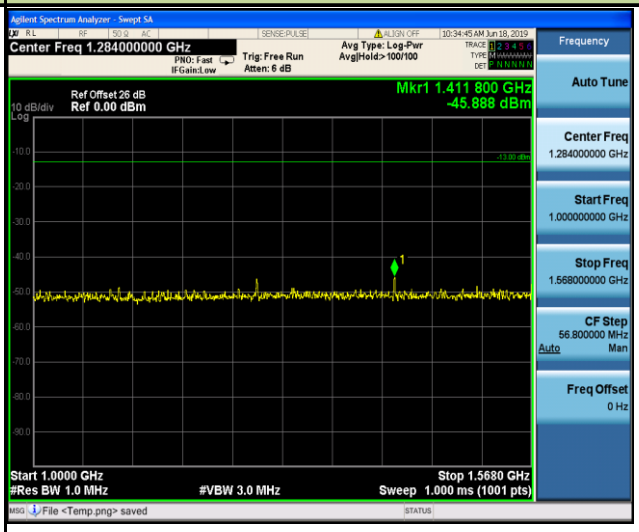
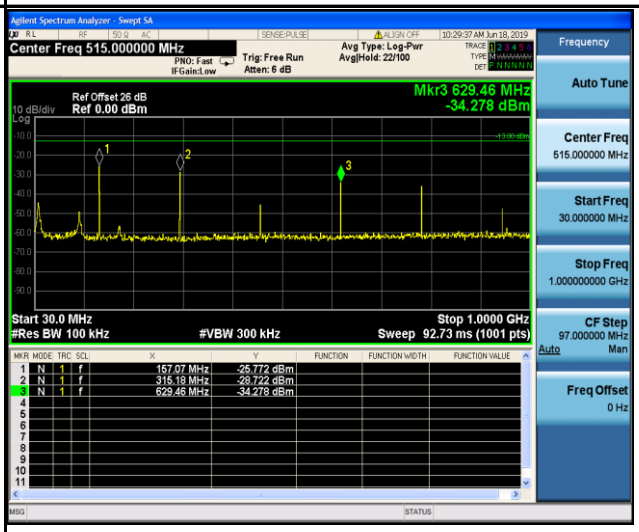
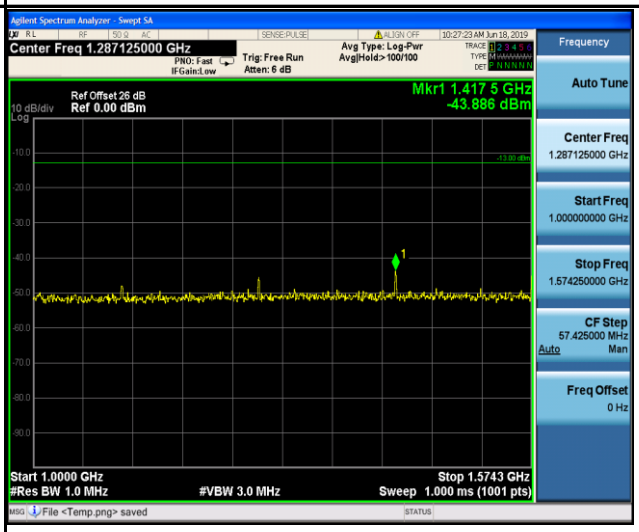
Appendix H:Frequency Stability Test & Voltage

Operation Mode	Modulation Type	Test Conditions		Frequency error (ppm)			Limit (ppm)	Result
		Voltage	Temperature	CH_L	CH_{M2}	CH_H		
TX-AWH	FM	V_N	T_N	-0.364	0.179	0.176	±10	PASS
TX-AWH	FM	V_L	T_N	-0.368	**0.182**	0.176	±10	PASS
TX-AWH	FM	V_H	T_N	-0.372	**0.182**	0.181	±10	PASS
TX-AWL	FM	V_N	T_N	-0.391	0.156	0.159	±10	PASS
TX-AWL	FM	V_L	T_N	-0.396	0.158	0.161	±10	PASS
TX-AWL	FM	V_H	T_N	-0.400	0.163	0.164	±10	PASS

Appendix I:Spurious Emission On Antenna Port

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-AWH	FM	CH_L	 30MHz~1GHz
TX-AWH	FM	CH_L	 1GHz~10th Harmonic
TX-AWH	FM	CH_{M2}	 30MHz~1GHz

Appendix I:Spurious Emission On Antenna Port

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-AWH	FM	CH_{M2}	 1GHz~10th Harmonic
TX-AWH	FM	CH_{H}	 30MHz~1GHz
TX-AWH	FM	CH_{H}	 1GHz~10th Harmonic

----End of Report----