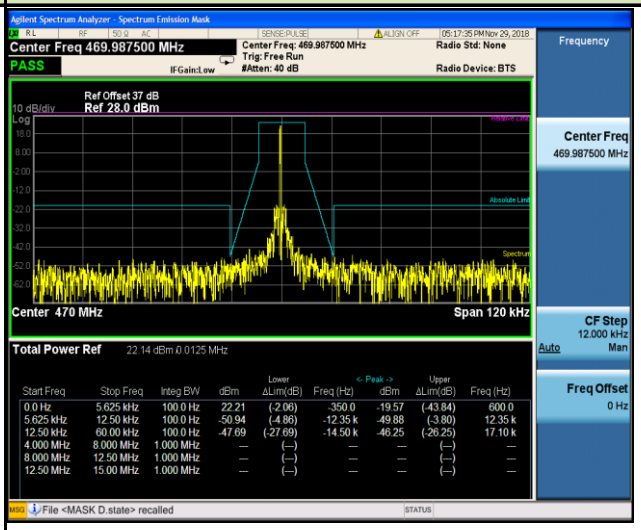
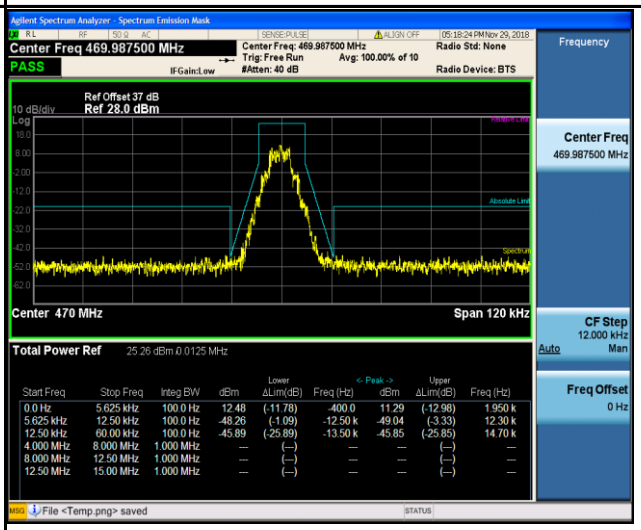
Appendix C:Emission Mask For UHF Band

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-DNL	4FSK	CH_{H1}	
TX-DNL	4FSK	CH_{H1}	

Appendix F:Frequency Stability Test & Temperature For VHF Band

Operation Mode	Modulation Type	Test Conditions		Frequency error (ppm)			Limit (ppm)	Result
		Voltage	Temperature	CH_L	CH_M	CH_H		
TX-DNH	4FSK	V_N	-30	0.059	0.056	0.079	±5.0	PASS
TX-DNH	4FSK	V_N	-20	0.042	0.047	**0.084**	±5.0	PASS
TX-DNH	4FSK	V_N	-10	0.031	0.037	0.061	±5.0	PASS
TX-DNH	4FSK	V_N	0	0.025	0.022	0.061	±5.0	PASS
TX-DNH	4FSK	V_N	10	0.018	0.019	0.045	±5.0	PASS
TX-DNH	4FSK	V_N	20	0.009	0.010	0.023	±5.0	PASS
TX-DNH	4FSK	V_N	30	0.027	0.030	0.046	±5.0	PASS
TX-DNH	4FSK	V_N	40	0.034	0.037	0.052	±5.0	PASS
TX-DNH	4FSK	V_N	55	0.055	0.061	0.081	±5.0	PASS
TX-DNL	4FSK	V_N	-30	-0.062	0.075	0.074	±5.0	PASS
TX-DNL	4FSK	V_N	-20	-0.047	0.049	0.050	±5.0	PASS
TX-DNL	4FSK	V_N	-10	-0.035	0.057	0.057	±5.0	PASS
TX-DNL	4FSK	V_N	0	-0.033	0.034	0.038	±5.0	PASS
TX-DNL	4FSK	V_N	10	-0.027	0.032	0.031	±5.0	PASS
TX-DNL	4FSK	V_N	20	-0.009	0.016	0.016	±5.0	PASS
TX-DNL	4FSK	V_N	30	-0.025	0.028	0.042	±5.0	PASS
TX-DNL	4FSK	V_N	40	-0.041	0.045	0.041	±5.0	PASS
TX-DNL	4FSK	V_N	55	-0.060	0.062	0.061	±5.0	PASS

Appendix F:Frequency Stability Test & Temperature For UHF Band

Operation Mode	Modulation Type	Test Conditions		Frequency error (ppm)					Limit (ppm)	Result
		Voltage	Temperature	CH_{L1}	CH_{M1}	CH_{M2}	CH_{M3}	CH_{H1}		
TX-DNH	4FSK	V_N	-30	-0.035	-0.080	-0.057	-0.058	-0.066	±5.0	PASS
TX-DNH	4FSK	V_N	-20	-0.037	-0.076	-0.051	-0.060	-0.064	±5.0	PASS
TX-DNH	4FSK	V_N	-10	-0.022	-0.057	-0.040	-0.037	-0.049	±5.0	PASS
TX-DNH	4FSK	V_N	0	-0.014	-0.051	-0.037	-0.022	-0.046	±5.0	PASS
TX-DNH	4FSK	V_N	10	-0.010	-0.050	-0.034	-0.017	-0.041	±5.0	PASS
TX-DNH	4FSK	V_N	20	-0.003	-0.021	-0.015	-0.005	-0.018	±5.0	PASS
TX-DNH	4FSK	V_N	30	-0.012	-0.042	-0.032	-0.020	-0.048	±5.0	PASS
TX-DNH	4FSK	V_N	40	-0.016	-0.054	-0.038	-0.027	-0.062	±5.0	PASS
TX-DNH	4FSK	V_N	55	-0.020	-0.060	-0.043	-0.033	-0.072	±5.0	PASS
TX-DNL	4FSK	V_N	-30	-0.078	-0.068	**0.026**	-0.055	-0.081	±5.0	PASS
TX-DNL	4FSK	V_N	-20	-0.069	-0.066	0.024	-0.055	-0.072	±5.0	PASS
TX-DNL	4FSK	V_N	-10	-0.063	-0.058	0.022	-0.048	-0.071	±5.0	PASS
TX-DNL	4FSK	V_N	0	-0.057	-0.053	0.018	-0.044	-0.064	±5.0	PASS
TX-DNL	4FSK	V_N	10	-0.048	-0.042	0.016	-0.037	-0.052	±5.0	PASS
TX-DNL	4FSK	V_N	20	-0.033	-0.030	0.011	-0.025	-0.036	±5.0	PASS
TX-DNL	4FSK	V_N	30	-0.059	-0.051	0.020	-0.044	-0.062	±5.0	PASS
TX-DNL	4FSK	V_N	40	-0.063	-0.055	0.020	-0.047	-0.067	±5.0	PASS
TX-DNL	4FSK	V_N	55	-0.067	-0.064	0.024	-0.051	-0.074	±5.0	PASS

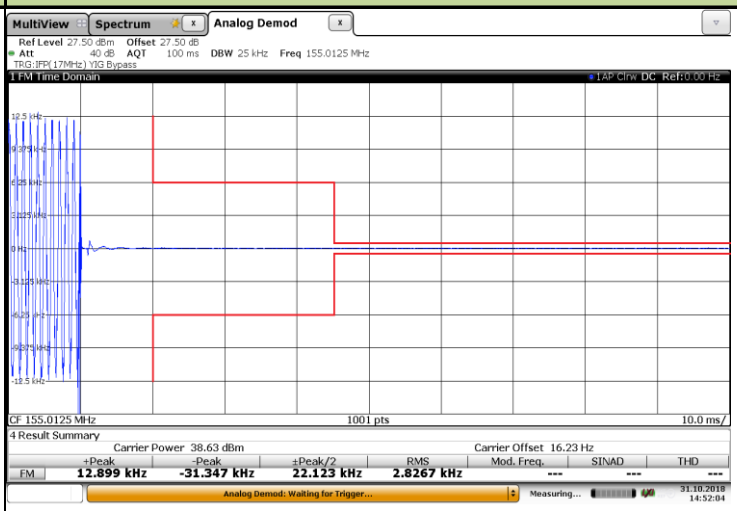
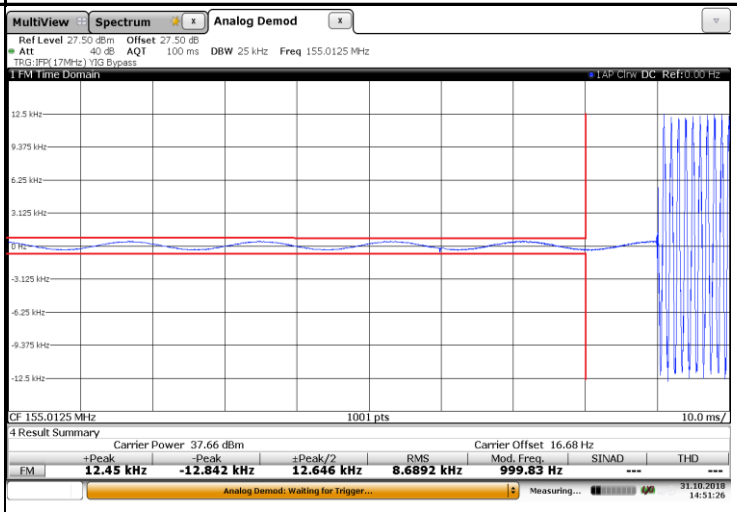
Appendix G:Frequency Stability Test & Voltage For VHF Band

Operation Mode	Modulation Type	Test Conditions		Frequency error (ppm)			Limit (ppm)	Result
		Voltage	Temperature	CH_L	CH_{M1}	CH_H		
TX-DNH	4FSK	V_N	T_N	0.009	0.010	0.023	±5.0	PASS
TX-DNH	4FSK	V_L	T_N	0.024	0.027	**0.062**	±5.0	PASS
TX-DNH	4FSK	V_H	T_N	0.016	0.027	0.045	±5.0	PASS
TX-DNL	4FSK	V_N	T_N	-0.009	0.016	0.016	±5.0	PASS
TX-DNL	4FSK	V_L	T_N	-0.020	0.039	**0.041**	±5.0	PASS
TX-DNL	4FSK	V_H	T_N	-0.014	0.024	0.025	±5.0	PASS

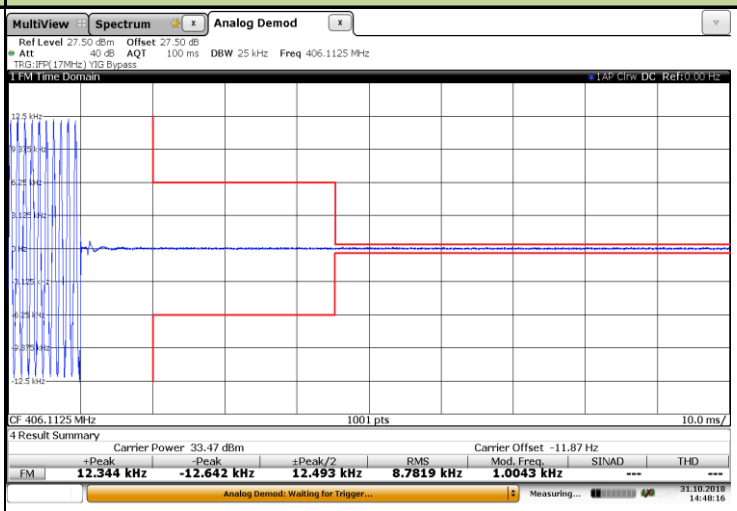
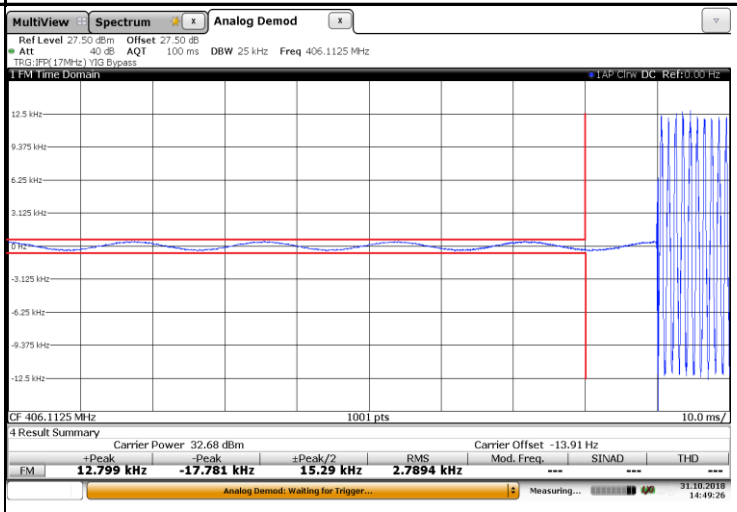
Appendix G:Frequency Stability Test & Voltage For UHF Band

Operation Mode	Modulation Type	Test Conditions		Frequency error (ppm)					Limit (ppm)	Result
		Voltage	Temperature	CH_{L1}	CH_{M1}	CH_{M2}	CH_{M3}	CH_{H1}		
TX-DNH	4FSK	V_N	T_N	**-0.003**	-0.021	-0.015	-0.005	-0.018	±5.0	PASS
TX-DNH	4FSK	V_L	T_N	-0.010	-0.070	-0.050	-0.017	-0.058	±5.0	PASS
TX-DNH	4FSK	V_H	T_N	-0.010	-0.028	-0.023	-0.009	-0.027	±5.0	PASS
TX-DNL	4FSK	V_N	T_N	-0.033	-0.030	0.011	-0.025	-0.036	±5.0	PASS
TX-DNL	4FSK	V_L	T_N	-0.061	-0.056	**0.021**	-0.046	-0.072	±5.0	PASS
TX-DNL	4FSK	V_H	T_N	-0.052	-0.040	0.017	-0.037	-0.053	±5.0	PASS

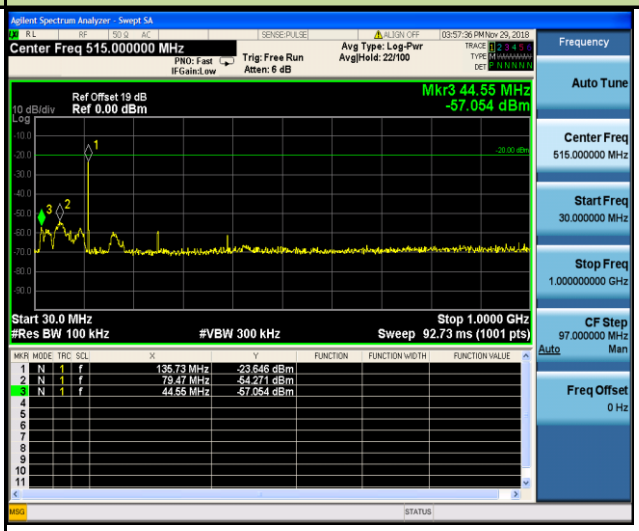
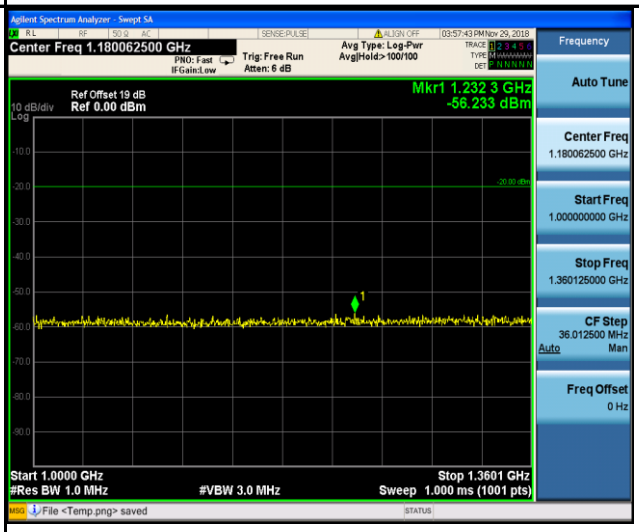
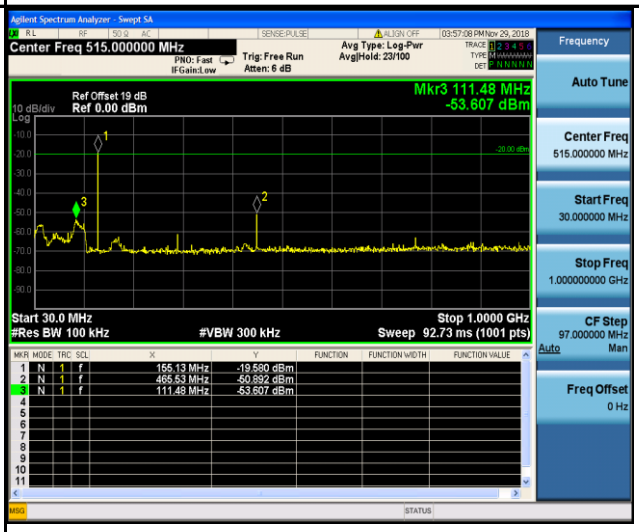
Appendix H:Transmitter Frequency Behavior For VHF Band

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-DNH	4FSK	CHM	 OFF~ON
TX-DNH	4FSK	CHM	 ON-OFF

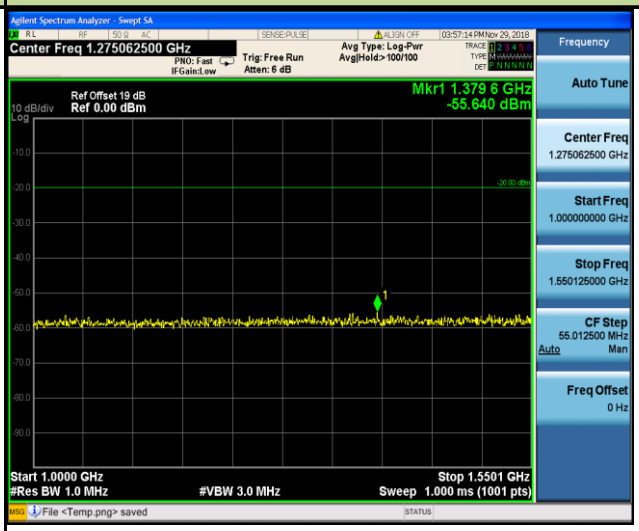
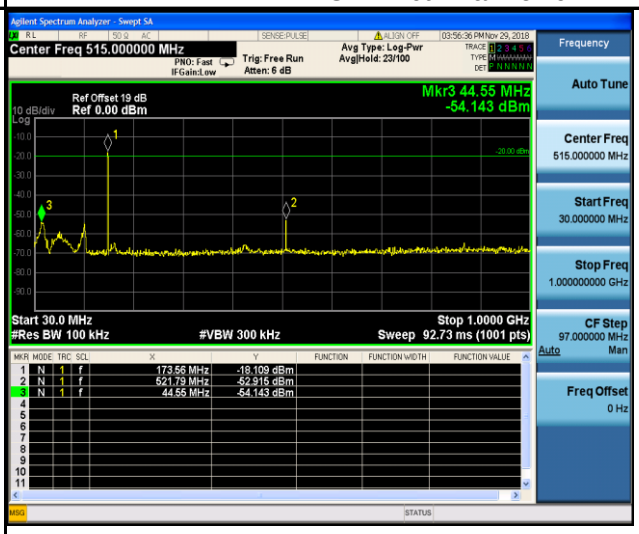
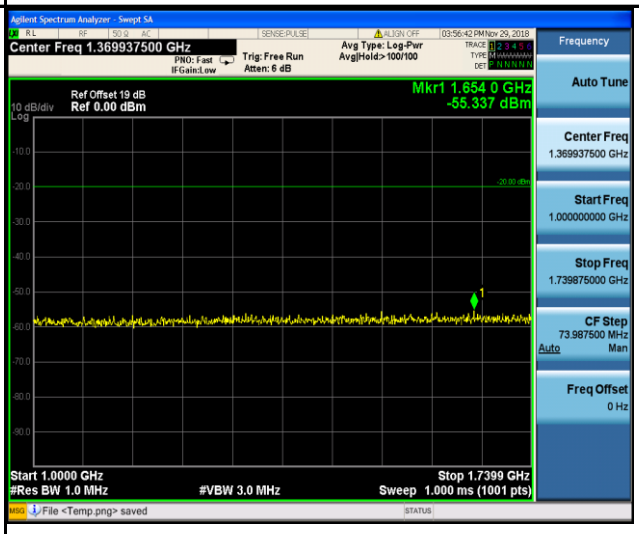
Appendix H:Transmitter Frequency Behavior For UHF Band

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

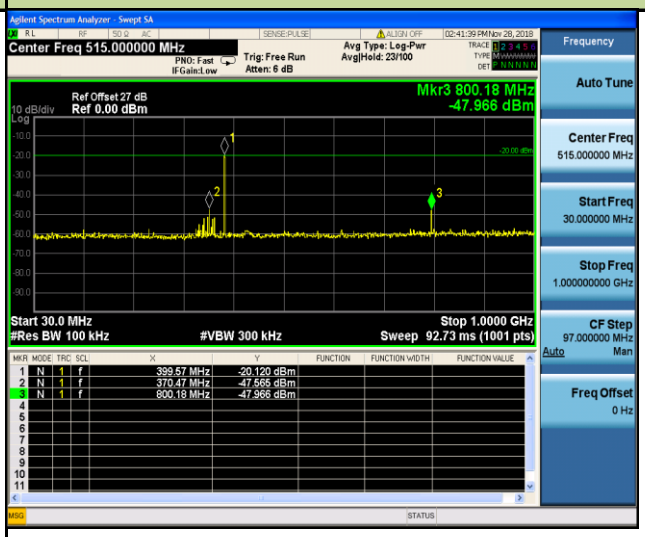
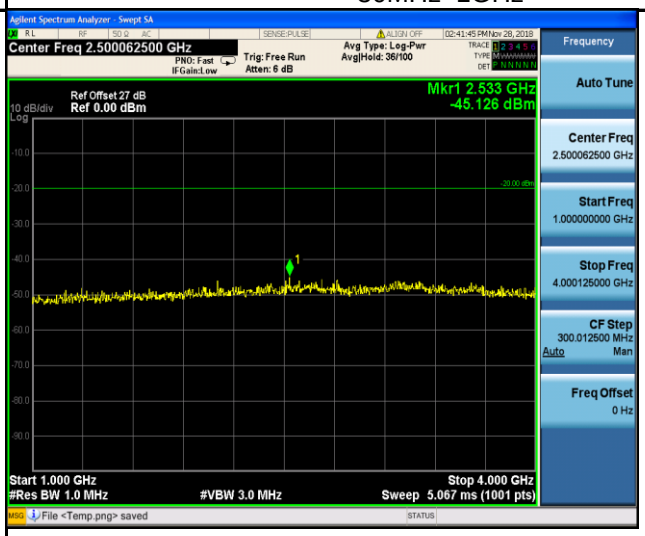
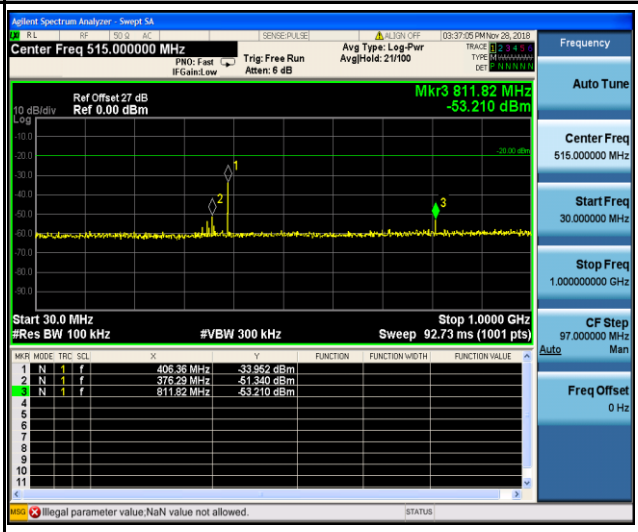
Appendix I:Spurious Emission On Antenna Port For VHF Band

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

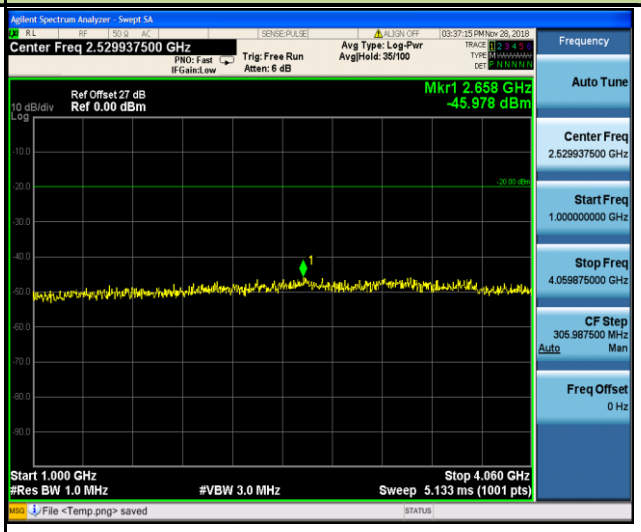
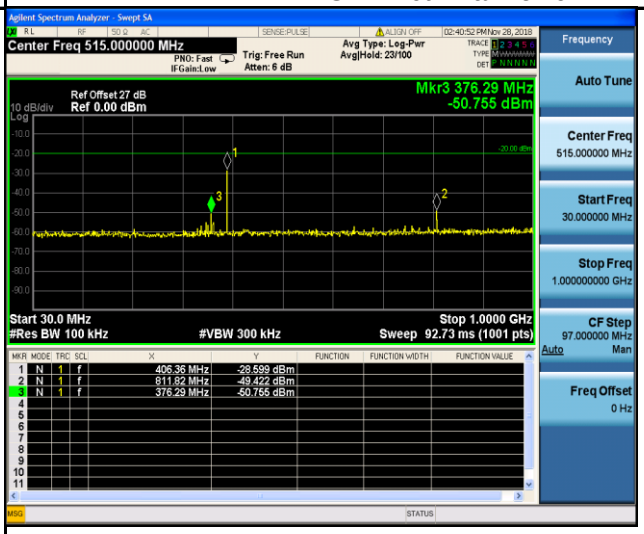
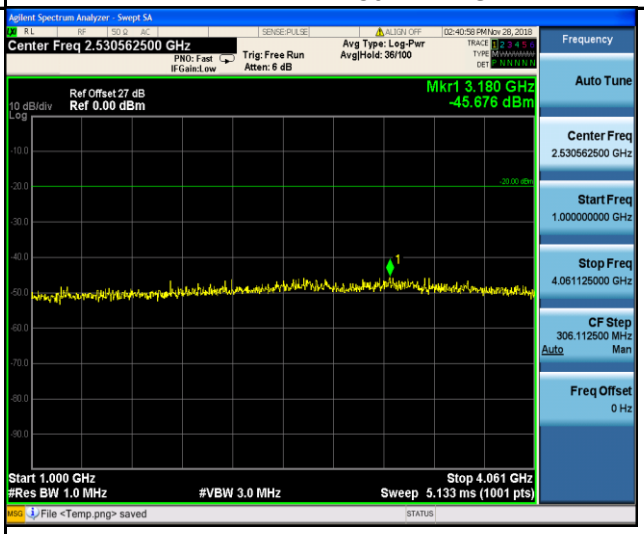
Appendix I:Spurious Emission On Antenna Port For VHF Band

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

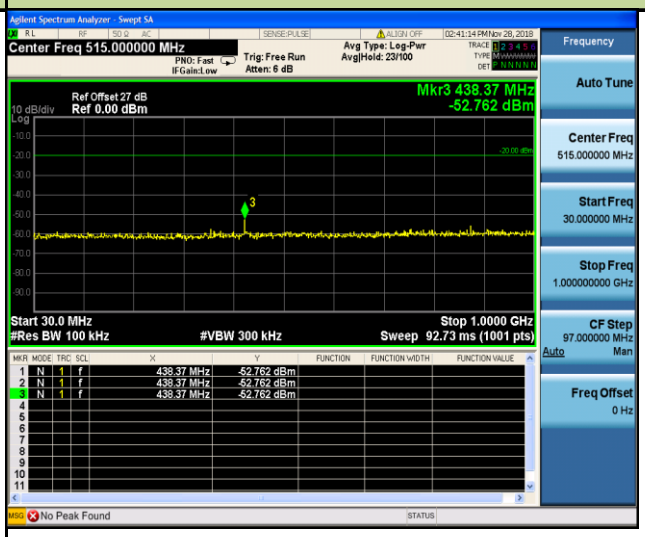
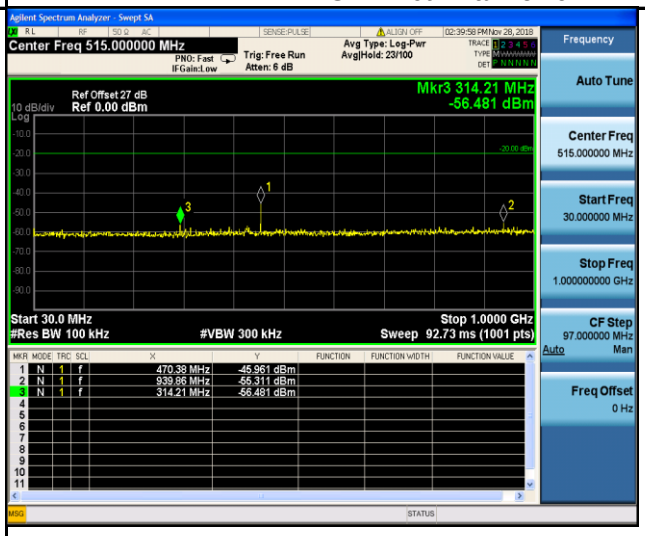
Appendix I:Spurious Emission On Antenna Port For UHF Band

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-DNH	4FSK	CH_{L1}	 30MHz~1GHz
TX-DNH	4FSK	CH_{L1}	 1GHz~10th Harmonic
TX-DNH	4FSK	CH_{M1}	 30MHz~1GHz

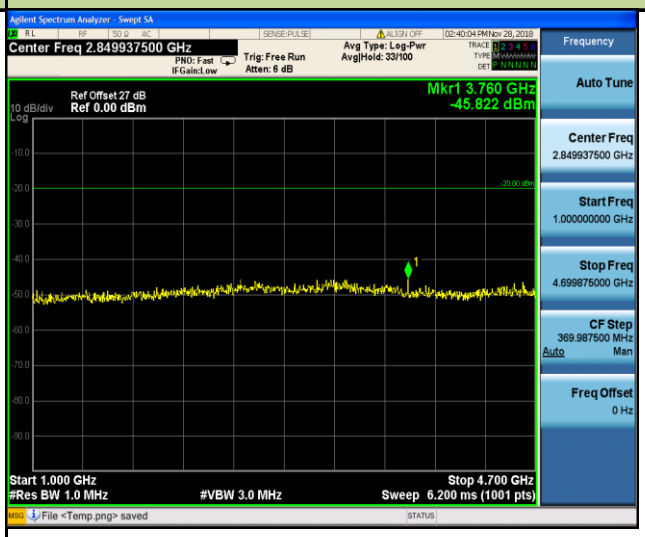
Appendix I:Spurious Emission On Antenna Port For UHF Band

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-DNH	4FSK	CH_{M1}	 1GHz~10th Harmonic
TX-DNH	4FSK	CH_{M2}	 30MHz~1GHz
TX-DNH	4FSK	CH_{M2}	 1GHz~10th Harmonic

Appendix I:Spurious Emission On Antenna Port For UHF Band

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-DNH	4FSK	CH_{M3}	 30MHz~1GHz
TX-DNH	4FSK	CH_{M3}	 1GHz~10th Harmonic
TX-DNH	4FSK	CH_{H1}	 30MHz~1GHz

Appendix I:Spurious Emission On Antenna Port For UHF Band

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-DNH	4FSK	CH_{H1}	 1GHz~10th Harmonic

----End of Report----