

**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	0.100	0.107	0.117	±5.0	PASS
TX-DNH	4FSK	V _N	-20	0.088	0.094	0.100	±5.0	PASS
TX-DNH	4FSK	V _N	-10	0.079	0.089	0.091	±5.0	PASS
TX-DNH	4FSK	V _N	0	0.075	0.079	0.085	±5.0	PASS
TX-DNH	4FSK	V _N	10	0.055	0.056	0.069	±5.0	PASS
TX-DNH	4FSK	V _N	20	0.034	0.037	0.039	±5.0	PASS
TX-DNH	4FSK	V _N	30	0.035	0.039	0.040	±5.0	PASS
TX-DNH	4FSK	V _N	40	0.053	0.059	0.061	±5.0	PASS
TX-DNH	4FSK	V _N	55	0.070	0.077	0.082	±5.0	PASS
TX-DNL	4FSK	V _N	-30	0.061	0.038	-0.090	±5.0	PASS
TX-DNL	4FSK	V _N	-20	0.055	0.031	-0.070	±5.0	PASS
TX-DNL	4FSK	V _N	-10	0.046	0.027	-0.073	±5.0	PASS
TX-DNL	4FSK	V _N	0	0.025	0.016	-0.064	±5.0	PASS
TX-DNL	4FSK	V _N	10	0.022	0.014	-0.052	±5.0	PASS
TX-DNL	4FSK	V _N	20	0.013	0.008	-0.032	±5.0	PASS
TX-DNL	4FSK	V _N	30	0.022	0.014	-0.055	±5.0	PASS
TX-DNL	4FSK	V _N	40	0.047	0.028	-0.072	±5.0	PASS
TX-DNL	4FSK	V _N	55	0.060	0.034	-0.085	±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	0.138	0.115	0.171	0.222	0.108	±5.0	PASS
TX-DNH	4FSK	V _N	-20	0.112	0.102	0.145	0.184	0.090	±5.0	PASS
TX-DNH	4FSK	V _N	-10	0.109	0.094	0.135	0.174	0.084	±5.0	PASS
TX-DNH	4FSK	V _N	0	0.091	0.081	0.116	0.149	0.072	±5.0	PASS
TX-DNH	4FSK	V _N	10	0.082	0.073	0.104	0.134	0.064	±5.0	PASS
TX-DNH	4FSK	V _N	20	0.078	0.069	0.099	0.127	0.061	±5.0	PASS
TX-DNH	4FSK	V _N	30	0.080	0.072	0.109	0.130	0.061	±5.0	PASS
TX-DNH	4FSK	V _N	40	0.144	0.135	0.197	0.152	0.107	±5.0	PASS
TX-DNH	4FSK	V _N	55	0.147	0.126	0.170	0.239	0.106	±5.0	PASS
TX-DNL	4FSK	V _N	-30	0.079	<u>0.332</u>	0.234	0.264	0.194	±5.0	PASS
TX-DNL	4FSK	V _N	-20	0.072	0.303	0.207	0.237	0.180	±5.0	PASS
TX-DNL	4FSK	V _N	-10	0.049	0.204	0.139	0.162	0.114	±5.0	PASS
TX-DNL	4FSK	V _N	0	0.042	0.163	0.116	0.140	0.099	±5.0	PASS
TX-DNL	4FSK	V _N	10	0.030	0.133	0.091	0.096	0.074	±5.0	PASS
TX-DNL	4FSK	V _N	20	0.018	0.074	0.051	0.059	0.043	±5.0	PASS
TX-DNL	4FSK	V _N	30	0.022	0.132	0.088	0.103	0.047	±5.0	PASS
TX-DNL	4FSK	V _N	40	0.047	0.204	0.139	0.162	0.118	±5.0	PASS
TX-DNL	4FSK	V _N	55	0.068	0.271	0.174	0.216	0.152	±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 _M	CH _H		
TX-DNH	4FSK	V _N	T _N	0.034	0.037	0.039	±5.0	PASS
TX-DNH	4FSK	V _L	T _N	0.050	0.053	<u>0.062</u>	±5.0	PASS
TX-DNH	4FSK	V _H	T _N	0.052	0.038	0.040	±5.0	PASS
TX-DNL	4FSK	V _N	T _N	0.013	0.008	-0.032	±5.0	PASS
TX-DNL	4FSK	V _L	T _N	<u>0.022</u>	0.014	-0.055	±5.0	PASS
TX-DNL	4FSK	V _H	T _N	0.021	0.012	-0.048	±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	0.078	0.069	0.099	0.127	0.061	±5.0	PASS
TX-DNH	4FSK	V _L	T _N	0.095	0.086	0.125	<u>0.156</u>	0.075	±5.0	PASS
TX-DNH	4FSK	V _H	T _N	0.098	0.073	0.102	0.129	0.063	±5.0	PASS
TX-DNL	4FSK	V _N	T _N	0.018	0.074	0.051	0.059	0.043	±5.0	PASS
TX-DNL	4FSK	V _L	T _N	0.024	<u>0.099</u>	0.069	0.081	0.060	±5.0	PASS
TX-DNL	4FSK	V _H	T _N	0.023	0.097	0.067	0.075	0.056	±5.0	PASS

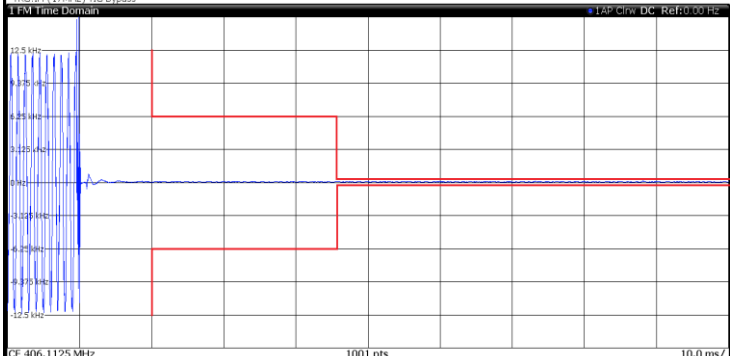
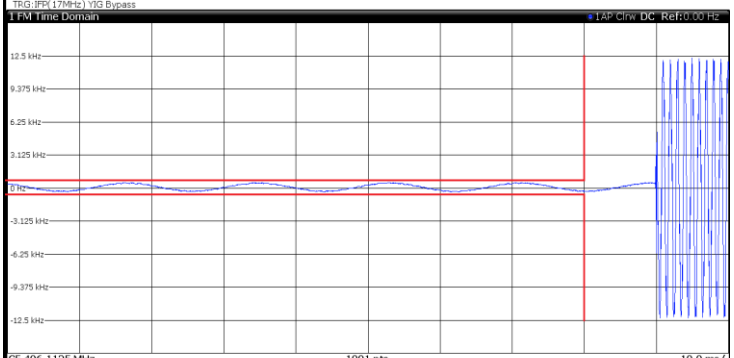


Appendix H:Transmitter Frequency Behavior for VHF Band

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																												
TX-DNH	4FSK	CH _M	<div><div><div>MultiViewSpectrumAnalog Demod</div><div>Ref Level 38.00 dBm Offset 20.50 dB Att 27 dB AQT 100 ms DBW 25 kHz Freq 155.0125 MHz TRG:JFPI (17MHz) YIG Bypass</div><div><div>1 FM Time Domain</div><div><div>12.5 kHz</div><div>9.375 kHz</div><div>6.25 kHz</div><div>3.125 kHz</div><div>0 kHz</div><div>-3.125 kHz</div><div>-6.25 kHz</div><div>-9.375 kHz</div><div>-12.5 kHz</div></div><div><div>CF 155.0125 MHz</div><div>1001 pts</div><div>10.0 ms/</div></div></div><div><div>4 Result Summary</div><table><tr><td></td><td>Carrier Power</td><td>27.77 dBm</td><td></td><td>Carrier Offset</td><td>29.55 Hz</td><td></td><td></td><td></td><td></td></tr><tr><td>FM</td><td>+Peak</td><td>12.14 kHz</td><td>-Peak</td><td>-12.206 kHz</td><td>+Peak/2</td><td>12.173 kHz</td><td>RMS</td><td>2.742 kHz</td><td>Mod. Freq. --- SINAD --- THD ---</td></tr></table><div>Analog Demod: Waiting for Trigger... Measuring... 29.10.2018 15:39:34</div></div><div>Date: 29.OCT.2018 15:39:34</div><div>OFF~ON</div></div></div> <tr><td>TX-DNH</td><td>4FSK</td><td>CH_M</td><td><div><div><div>MultiViewSpectrumAnalog Demod</div><div>Ref Level 38.00 dBm Offset 20.50 dB Att 27 dB AQT 100 ms DBW 25 kHz Freq 155.0125 MHz TRG:JFPI (17MHz) YIG Bypass</div><div><div>1 FM Time Domain</div><div><div>12.5 kHz</div><div>9.375 kHz</div><div>6.25 kHz</div><div>3.125 kHz</div><div>0 kHz</div><div>-3.125 kHz</div><div>-6.25 kHz</div><div>-9.375 kHz</div><div>-12.5 kHz</div></div><div><div>CF 155.0125 MHz</div><div>1001 pts</div><div>10.0 ms/</div></div></div><div><div>4 Result Summary</div><table><tr><td></td><td>Carrier Power</td><td>27.28 dBm</td><td></td><td>Carrier Offset</td><td>32.28 Hz</td><td></td><td></td><td></td><td></td></tr><tr><td>FM</td><td>+Peak</td><td>12.119 kHz</td><td>-Peak</td><td>-13.123 kHz</td><td>+Peak/2</td><td>12.621 kHz</td><td>RMS</td><td>8.675 kHz</td><td>Mod. Freq. 1.0001 kHz SINAD --- THD ---</td></tr></table><div>Analog Demod: Waiting for Trigger... Measuring... 29.10.2018 15:39:02</div></div><div>Date: 29.OCT.2018 15:39:02</div><div>ON-OFF</div></div></div></td></tr>		Carrier Power	27.77 dBm		Carrier Offset	29.55 Hz					FM	+Peak	12.14 kHz	-Peak	-12.206 kHz	+Peak/2	12.173 kHz	RMS	2.742 kHz	Mod. Freq. --- SINAD --- THD ---	TX-DNH	4FSK	CH _M	<div><div><div>MultiViewSpectrumAnalog Demod</div><div>Ref Level 38.00 dBm Offset 20.50 dB Att 27 dB AQT 100 ms DBW 25 kHz Freq 155.0125 MHz TRG:JFPI (17MHz) YIG Bypass</div><div><div>1 FM Time Domain</div><div><div>12.5 kHz</div><div>9.375 kHz</div><div>6.25 kHz</div><div>3.125 kHz</div><div>0 kHz</div><div>-3.125 kHz</div><div>-6.25 kHz</div><div>-9.375 kHz</div><div>-12.5 kHz</div></div><div><div>CF 155.0125 MHz</div><div>1001 pts</div><div>10.0 ms/</div></div></div><div><div>4 Result Summary</div><table><tr><td></td><td>Carrier Power</td><td>27.28 dBm</td><td></td><td>Carrier Offset</td><td>32.28 Hz</td><td></td><td></td><td></td><td></td></tr><tr><td>FM</td><td>+Peak</td><td>12.119 kHz</td><td>-Peak</td><td>-13.123 kHz</td><td>+Peak/2</td><td>12.621 kHz</td><td>RMS</td><td>8.675 kHz</td><td>Mod. Freq. 1.0001 kHz SINAD --- THD ---</td></tr></table><div>Analog Demod: Waiting for Trigger... Measuring... 29.10.2018 15:39:02</div></div><div>Date: 29.OCT.2018 15:39:02</div><div>ON-OFF</div></div></div>		Carrier Power	27.28 dBm		Carrier Offset	32.28 Hz					FM	+Peak	12.119 kHz	-Peak	-13.123 kHz	+Peak/2	12.621 kHz	RMS	8.675 kHz	Mod. Freq. 1.0001 kHz SINAD --- THD ---
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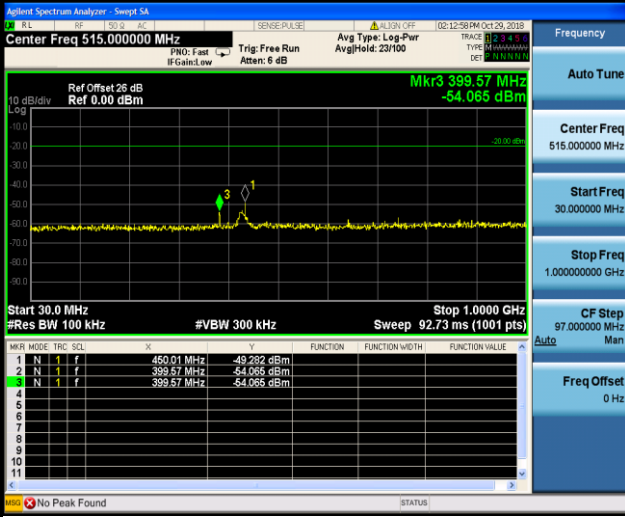
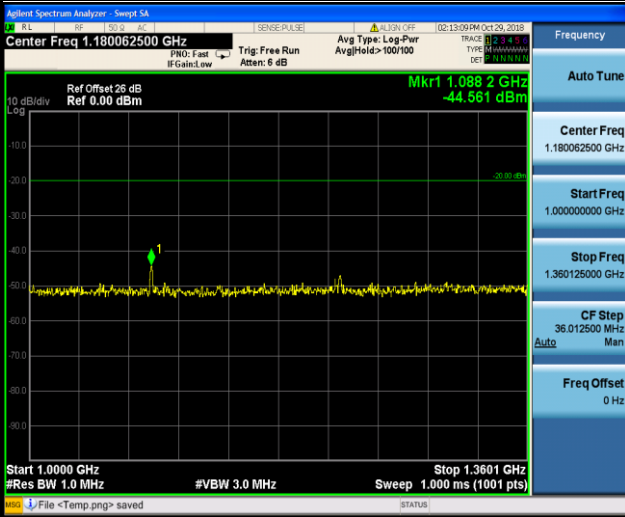
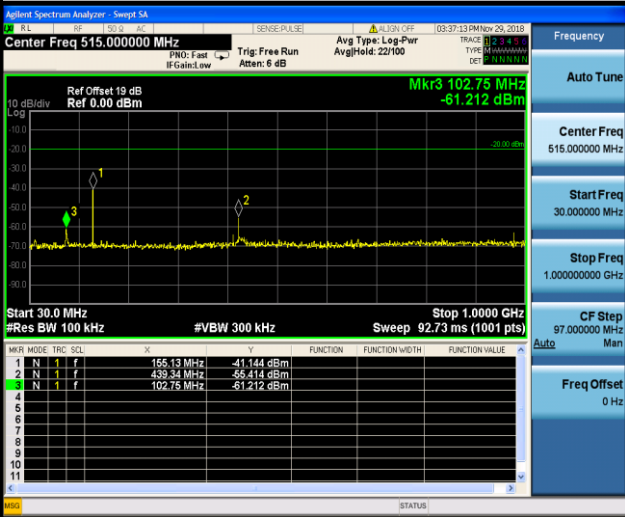


Appendix H:Transmitter Frequency Behavior for UHF Band

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT												
TX-DNH	4FSK	CH _{M2}	<div><div><div>MultiViewSpectrumAnalog Demod</div><div>Ref Level 38.00 dBm Offset 20.50 dB Att 27 dB AQT 100 ms DBW 25 kHz Freq 406.1125 MHz TRIG:IFP(17MHz) YIG Bypass</div><div><div>IFM Time Domain</div><div></div><div>CF 406.1125 MHz 1001 pts 10.0 ms/</div></div><div>4 Result Summary</div><table><tr><th></th><th>Carrier Power</th><th>Carrier Offset</th><th>Mod. Freq.</th><th>SINAD</th><th>THD</th></tr><tr><td>FM</td><td>31.22 dBm</td><td>60.41 Hz</td><td>406.1125 MHz</td><td>...</td><td>...</td></tr></table><div>Analog Demod: Waiting for Trigger... Measuring... 29.10.2018 15:32:47</div><div>Date: 29.OCT.2018 15:32:47</div><div>OFF~ON</div></div></div>		Carrier Power	Carrier Offset	Mod. Freq.	SINAD	THD	FM	31.22 dBm	60.41 Hz	406.1125 MHz
	Carrier Power	Carrier Offset	Mod. Freq.	SINAD	THD										
FM	31.22 dBm	60.41 Hz	406.1125 MHz										
TX-DNH	4FSK	CH _{M2}	<div><div><div>MultiViewSpectrumAnalog Demod</div><div>Ref Level 38.00 dBm Offset 20.50 dB Att 27 dB AQT 100 ms DBW 25 kHz Freq 406.1125 MHz TRIG:IFP(17MHz) YIG Bypass</div><div><div>IFM Time Domain</div><div></div><div>CF 406.1125 MHz 1001 pts 10.0 ms/</div></div><div>4 Result Summary</div><table><tr><th></th><th>Carrier Power</th><th>Carrier Offset</th><th>Mod. Freq.</th><th>SINAD</th><th>THD</th></tr><tr><td>FM</td><td>30.89 dBm</td><td>71.40 Hz</td><td>406.1125 MHz</td><td>...</td><td>...</td></tr></table><div>Analog Demod: Waiting for Trigger... Measuring... 29.10.2018 15:33:33</div><div>Date: 29.OCT.2018 15:33:33</div><div>ON-OFF</div></div></div>		Carrier Power	Carrier Offset	Mod. Freq.	SINAD	THD	FM	30.89 dBm	71.40 Hz	406.1125 MHz
	Carrier Power	Carrier Offset	Mod. Freq.	SINAD	THD										
FM	30.89 dBm	71.40 Hz	406.1125 MHz										

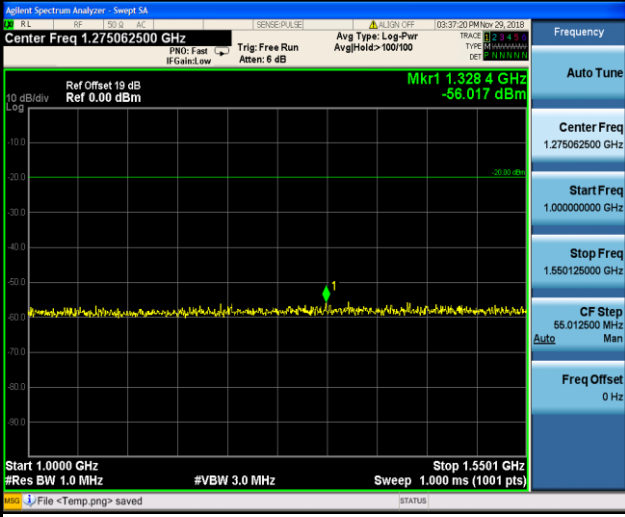
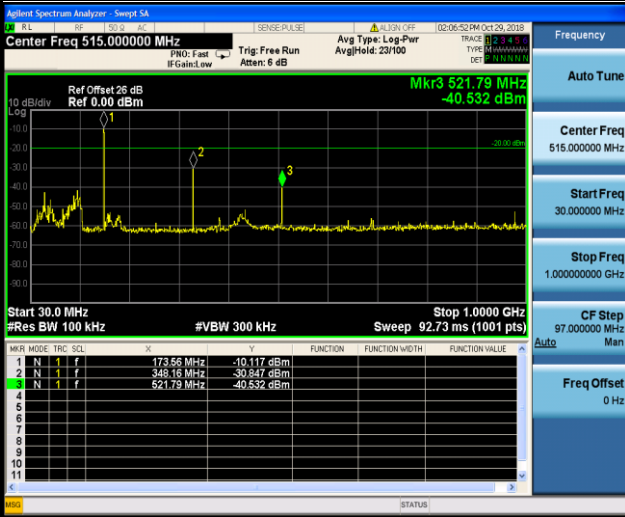
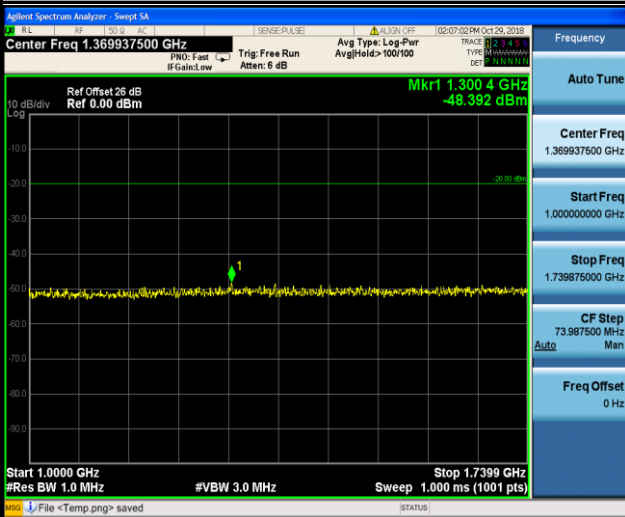


Appendix I:Spurious Emission On Antenna Port for VHF Band

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-DNH	4FSK	CH _L	<div><p>Agilent Spectrum Analyzer - Sweep SA Center Freq 515.000000 MHz Ref Offset 26 dB Ref 0.00 dBm Mkr3 399.57 MHz -54.065 dBm Start 30.0 MHz #Res BW 100 kHz #VBW 300 kHz Stop 1.0000 GHz Sweep 92.73 ms (1001 pts) No Peak Found</p></div> <p>30MHz~1GHz</p>
TX-DNH	4FSK	CH _L	<div><p>Agilent Spectrum Analyzer - Sweep SA Center Freq 1.180062500 GHz Ref Offset 26 dB Ref 0.00 dBm Mkr1 1.0882 GHz -44.561 dBm Start 1.0000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Stop 1.3601 GHz Sweep 1.000 ms (1001 pts) File <Temp.png> saved</p></div> <p>1GHz~10th Harmonic</p>
TX-DNH	4FSK	CH _M	<div><p>Agilent Spectrum Analyzer - Sweep SA Center Freq 515.000000 MHz Ref Offset 19 dB Ref 0.00 dBm Mkr3 102.75 MHz -61.212 dBm Start 30.0 MHz #Res BW 100 kHz #VBW 300 kHz Stop 1.0000 GHz Sweep 92.73 ms (1001 pts)</p></div> <p>30MHz~1GHz</p>



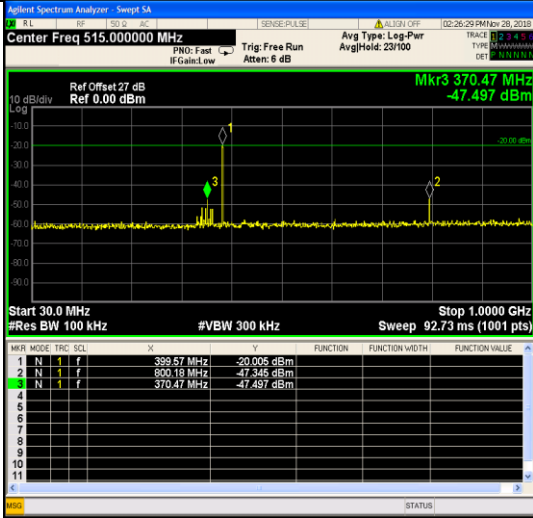
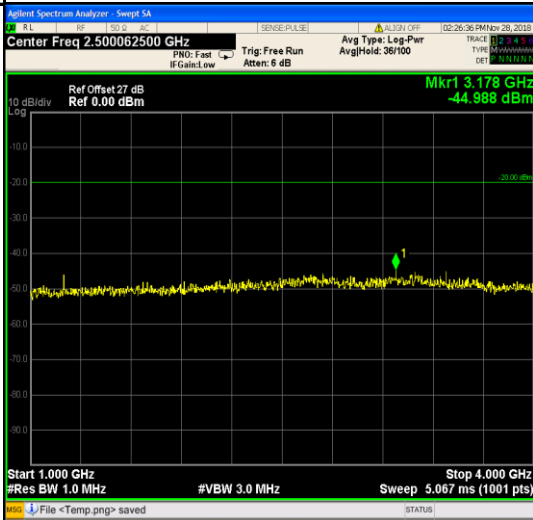
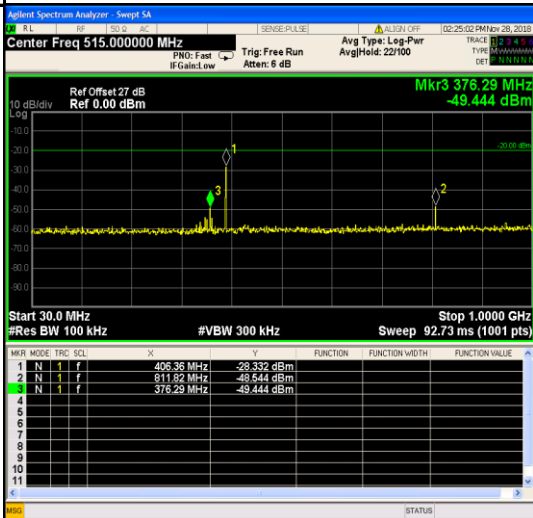
Appendix I:Spurious Emission On Antenna Port for VHF Band

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-DNH	4FSK	CH _M	 <p>1GHz~10th Harmonic</p>
TX-DNH	4FSK	CH _H	 <p>30MHz~1GHz</p>
TX-DNH	4FSK	CH _H	 <p>1GHz~10th Harmonic</p>

----End of Report----



Appendix I:Spurious Emission On Antenna Port for UHF Band

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																					
TX-DNH	4FSK	CH _{L1}	 <p>Agilent Spectrum Analyzer - Sweep SA Center Freq 515.000000 MHz Ref Offset 27 dB Ref 0.00 dBm Mkr3 370.47 MHz -47.497 dBm Start 30.0 MHz #Res BW 100 kHz #VBW 300 kHz Stop 1.0000 GHz Sweep 92.73 ms (1001 pts)</p> <table><tr><th>Mkr</th><th>Mode</th><th>Trc</th><th>SCL</th><th>X</th><th>Y</th><th>FUNCTION</th><th>FUNCTION WIDTH</th><th>FUNCTION VALUE</th></tr><tr><td>1</td><td>N</td><td>1</td><td>f</td><td>399.57 MHz</td><td>-20.005 dBm</td><td></td><td></td><td></td></tr><tr><td>2</td><td>N</td><td>1</td><td>f</td><td>800.18 MHz</td><td>-47.345 dBm</td><td></td><td></td><td></td></tr><tr><td>3</td><td>N</td><td>1</td><td>f</td><td>370.47 MHz</td><td>-47.497 dBm</td><td></td><td></td><td></td></tr></table>	Mkr	Mode	Trc	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	399.57 MHz	-20.005 dBm				2	N	1	f	800.18 MHz	-47.345 dBm				3	N	1	f	370.47 MHz	-47.497 dBm				<div>Frequency</div> <div>Auto Tune</div> <div>Center Freq 515.000000 MHz</div> <div>Start Freq 30.000000 MHz</div> <div>Stop Freq 1.000000000 GHz</div> <div>CF Step 97.000000 MHz Auto Man</div> <div>Freq Offset 0 Hz</div>
			Mkr	Mode	Trc	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE																													
1	N	1	f	399.57 MHz	-20.005 dBm																																			
2	N	1	f	800.18 MHz	-47.345 dBm																																			
3	N	1	f	370.47 MHz	-47.497 dBm																																			
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TX-DNH	4FSK	CH _{L1}	 <p>Agilent Spectrum Analyzer - Sweep SA Center Freq 2.500062500 GHz Ref Offset 27 dB Ref 0.00 dBm Mkr1 3.178 GHz -44.988 dBm Start 1.000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Stop 4.000 GHz Sweep 5.067 ms (1001 pts)</p> <p>File <Temp.png> saved</p>	<div>Frequency</div> <div>Auto Tune</div> <div>Center Freq 2.500062500 GHz</div> <div>Start Freq 1.000000000 GHz</div> <div>Stop Freq 4.000125000 GHz</div> <div>CF Step 300.012500 MHz Auto Man</div> <div>Freq Offset 0 Hz</div>																																				
			1GHz~10th Harmonic																																					
TX-DNH	4FSK	CH _{M1}	 <p>Agilent Spectrum Analyzer - Sweep SA Center Freq 515.000000 MHz Ref Offset 27 dB Ref 0.00 dBm Mkr3 376.29 MHz -49.444 dBm Start 30.0 MHz #Res BW 100 kHz #VBW 300 kHz Stop 1.0000 GHz Sweep 92.73 ms (1001 pts)</p> <table><tr><th>Mkr</th><th>Mode</th><th>Trc</th><th>SCL</th><th>X</th><th>Y</th><th>FUNCTION</th><th>FUNCTION WIDTH</th><th>FUNCTION VALUE</th></tr><tr><td>1</td><td>N</td><td>1</td><td>f</td><td>405.36 MHz</td><td>-28.332 dBm</td><td></td><td></td><td></td></tr><tr><td>2</td><td>N</td><td>1</td><td>f</td><td>811.62 MHz</td><td>-49.544 dBm</td><td></td><td></td><td></td></tr><tr><td>3</td><td>N</td><td>1</td><td>f</td><td>376.29 MHz</td><td>-49.444 dBm</td><td></td><td></td><td></td></tr></table>	Mkr	Mode	Trc	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	405.36 MHz	-28.332 dBm				2	N	1	f	811.62 MHz	-49.544 dBm				3	N	1	f	376.29 MHz	-49.444 dBm				<div>Frequency</div> <div>Auto Tune</div> <div>Center Freq 515.000000 MHz</div> <div>Start Freq 30.000000 MHz</div> <div>Stop Freq 1.000000000 GHz</div> <div>CF Step 97.000000 MHz Auto Man</div> <div>Freq Offset 0 Hz</div>
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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}	<div><div><div><div>Agilent Spectrum Analyzer - Swept SA</div><div>Center Freq 2.529937500 GHz</div><div>Ref Offset 27 dB Ref 0.00 dBm</div><div>Mkr1 3.270 GHz -45.241 dBm</div><div>Start 1.000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 5.133 ms (1001 pts)</div><div>File <Temp.png> saved</div></div><div><div>Frequency</div><div>Auto Tune</div><div>Center Freq 2.529937500 GHz</div><div>Start Freq 1.000000000 GHz</div><div>Stop Freq 4.059875000 GHz</div><div>CF Step 305.987500 MHz Auto Man</div><div>Freq Offset 0 Hz</div></div></div></div> <div>1GHz~10th Harmonic</div>																																				
TX-DNH	4FSK	CH _{M2}	<div><div><div><div>Agilent Spectrum Analyzer - Swept SA</div><div>Center Freq 515.000000 MHz</div><div>Ref Offset 27 dB Ref 0.00 dBm</div><div>Mkr3 376.29 MHz -49.927 dBm</div><div>Start 30.0 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 92.73 ms (1001 pts)</div><div><table><tr><th>Mkr</th><th>Mode</th><th>Trc</th><th>SCL</th><th>X</th><th>Y</th><th>Function</th><th>Function Width</th><th>Function Value</th></tr><tr><td>1</td><td>N</td><td>1</td><td>f</td><td>405.36 MHz</td><td>-28.625 dBm</td><td></td><td></td><td></td></tr><tr><td>2</td><td>N</td><td>1</td><td>f</td><td>811.82 MHz</td><td>-48.280 dBm</td><td></td><td></td><td></td></tr><tr><td>3</td><td>N</td><td>1</td><td>f</td><td>376.29 MHz</td><td>-49.927 dBm</td><td></td><td></td><td></td></tr></table></div><div>File <Temp.png> saved</div></div><div><div>Frequency</div><div>Auto Tune</div><div>Center Freq 515.000000 MHz</div><div>Start Freq 30.000000 MHz</div><div>Stop Freq 1.000000000 GHz</div><div>CF Step 97.000000 MHz Auto Man</div><div>Freq Offset 0 Hz</div></div></div><div>30MHz~1GHz</div></div>	Mkr	Mode	Trc	SCL	X	Y	Function	Function Width	Function Value	1	N	1	f	405.36 MHz	-28.625 dBm				2	N	1	f	811.82 MHz	-48.280 dBm				3	N	1	f	376.29 MHz	-49.927 dBm			
Mkr	Mode	Trc	SCL	X	Y	Function	Function Width	Function Value																															
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TX-DNH	4FSK	CH _{M2}	<div><div><div><div>Agilent Spectrum Analyzer - Swept SA</div><div>Center Freq 2.530562500 GHz</div><div>Ref Offset 27 dB Ref 0.00 dBm</div><div>Mkr1 3.173 GHz -44.582 dBm</div><div>Start 1.000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 5.133 ms (1001 pts)</div><div>File <Temp.png> saved</div></div><div><div>Frequency</div><div>Auto Tune</div><div>Center Freq 2.530562500 GHz</div><div>Start Freq 1.000000000 GHz</div><div>Stop Freq 4.061125000 GHz</div><div>CF Step 305.112500 MHz Auto Man</div><div>Freq Offset 0 Hz</div></div></div></div> <div>1GHz~10th Harmonic</div>																																				



Appendix I:Spurious Emission On Antenna Port for UHF Band

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-DNH	4FSK	CH _{M3}	<p>Agilent Spectrum Analyzer - Sweep SA Center Freq 515.000000 MHz Ref Offset 27 dB Ref 0.00 dBm Mkr3 438.37 MHz -54.567 dBm Start 30.0 MHz #Res BW 100 kHz #VBW 300 kHz Stop 1.0000 GHz Sweep 92.73 ms (1001 pts) Mkr MODE TRG SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE 1 N 1 f 438.37 MHz -54.567 dBm 2 N 1 f 438.37 MHz -54.567 dBm 3 N 1 f 438.37 MHz -54.567 dBm 4 5 6 7 8 9 10 11 No Peak Found</p> <p>Frequency Auto Tune Center Freq 515.000000 MHz Start Freq 30.000000 MHz Stop Freq 1.000000000 GHz CF Step 97.000000 MHz Man Freq Offset 0 Hz</p> <p>30MHz~1GHz</p>
TX-DNH	4FSK	CH _{M3}	<p>Agilent Spectrum Analyzer - Sweep SA Center Freq 2.690062500 GHz Ref Offset 27 dB Ref 0.00 dBm Mkr1 1.314 GHz -43.041 dBm Start 1.000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Stop 4.380 GHz Sweep 5.667 ms (1001 pts) File <Temp.png> saved</p> <p>Frequency Auto Tune Center Freq 2.690062500 GHz Start Freq 1.000000000 GHz Stop Freq 4.380125000 GHz CF Step 338.012500 MHz Auto Man Freq Offset 0 Hz</p> <p>1GHz~10th Harmonic</p>
TX-DNH	4FSK	CH _{H1}	<p>Agilent Spectrum Analyzer - Sweep SA Center Freq 515.000000 MHz Ref Offset 27 dB Ref 0.00 dBm Mkr3 939.86 MHz -54.953 dBm Start 30.0 MHz #Res BW 100 kHz #VBW 300 kHz Stop 1.0000 GHz Sweep 92.73 ms (1001 pts) Mkr MODE TRG SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE 1 N 1 f 470.38 MHz -46.080 dBm 2 N 1 f 939.86 MHz -54.953 dBm 3 N 1 f 939.86 MHz -54.953 dBm 4 5 6 7 8 9 10 11 No Peak Found</p> <p>Frequency Auto Tune Center Freq 515.000000 MHz Start Freq 30.000000 MHz Stop Freq 1.000000000 GHz CF Step 97.000000 MHz Auto Man Freq Offset 0 Hz</p> <p>30MHz~1GHz</p>



Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-DNH	4FSK	CH _{H1}	<p> Center Freq 2.849937500 GHz Mkr1 3.760 GHz -45.164 dBm Start 1.000 GHz Stop 4.700 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 6.200 ms (1001 pts) </p> <p> Frequency Auto Tune Center Freq 2.849937500 GHz Start Freq 1.000000000 GHz Stop Freq 4.699875000 GHz CF Step 369.987500 MHz Auto Man Freq Offset 0 Hz </p>

-----End of Report-----