



Appendix C:Emission Mask For UHF Band

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																															
TX-DNL	4FSK	CH _{M1}	<p>Agilent Spectrum Analyzer - Spectrum Emission Mask</p> <p>Center Freq 405.987500 MHz Center Freq: 405.987500 MHz Radio Std: None</p> <p>Trig: Free Run #Atten: 40 dB Radio Device: BTS</p> <p>Ref Offset: 37 dB Ref: 35.0 dBm</p> <p>Center 406 MHz Span 120 kHz</p> <p>Total Power Ref: 29.08 dBm @ 0.0125 MHz</p> <table border="1"> <thead> <tr> <th>Start Freq</th> <th>Stop Freq</th> <th>Integ BW</th> <th>dBm</th> <th>Lower ΔLim(dB)</th> <th>Freq (Hz)</th> <th>Peak dBm</th> <th>Upper ΔLim(dB)</th> <th>Freq (Hz)</th> </tr> </thead> <tbody> <tr> <td>0.0 Hz</td> <td>5.625 kHz</td> <td>100.0 Hz</td> <td>28.31</td> <td>(-2.41)</td> <td>0.0</td> <td>29.43</td> <td>(-1.29)</td> <td>50.00</td> </tr> <tr> <td>5.625 kHz</td> <td>12.50 kHz</td> <td>100.0 Hz</td> <td>-40.83</td> <td>(-0.11)</td> <td>-12.50 k</td> <td>-43.36</td> <td>(-2.63)</td> <td>12.50 k</td> </tr> <tr> <td>12.50 kHz</td> <td>60.00 kHz</td> <td>100.0 Hz</td> <td>-43.08</td> <td>(-23.08)</td> <td>-12.60 k</td> <td>-42.24</td> <td>(-22.24)</td> <td>12.60 k</td> </tr> <tr> <td>4.000 MHz</td> <td>8.000 MHz</td> <td>1.000 MHz</td> <td>—</td> <td>(—)</td> <td>—</td> <td>—</td> <td>(—)</td> <td>—</td> </tr> <tr> <td>8.000 MHz</td> <td>12.50 MHz</td> <td>1.000 MHz</td> <td>—</td> <td>(—)</td> <td>—</td> <td>—</td> <td>(—)</td> <td>—</td> </tr> <tr> <td>12.50 MHz</td> <td>15.00 MHz</td> <td>1.000 MHz</td> <td>—</td> <td>(—)</td> <td>—</td> <td>—</td> <td>(—)</td> <td>—</td> </tr> </tbody> </table>	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	Peak dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	28.31	(-2.41)	0.0	29.43	(-1.29)	50.00	5.625 kHz	12.50 kHz	100.0 Hz	-40.83	(-0.11)	-12.50 k	-43.36	(-2.63)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-43.08	(-23.08)	-12.60 k	-42.24	(-22.24)	12.60 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
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TX-DNL	4FSK	CH _{M1}	<p>Agilent Spectrum Analyzer - Spectrum Emission Mask</p> <p>Center Freq 405.987500 MHz Center Freq: 405.987500 MHz Radio Std: None</p> <p>Trig: Free Run #Atten: 40 dB Avg: 100.00% of 10 Radio Device: BTS</p> <p>Ref Offset: 37 dB Ref: 35.0 dBm</p> <p>Center 406 MHz Span 120 kHz</p> <p>Total Power Ref: 32.64 dBm @ 0.0125 MHz</p> <table border="1"> <thead> <tr> <th>Start Freq</th> <th>Stop Freq</th> <th>Integ BW</th> <th>dBm</th> <th>Lower ΔLim(dB)</th> <th>Freq (Hz)</th> <th>Peak dBm</th> <th>Upper ΔLim(dB)</th> <th>Freq (Hz)</th> </tr> </thead> <tbody> <tr> <td>0.0 Hz</td> <td>5.625 kHz</td> <td>100.0 Hz</td> <td>18.25</td> <td>(-12.47)</td> <td>-200.0</td> <td>21.94</td> <td>(-8.77)</td> <td>900.0</td> </tr> <tr> <td>5.625 kHz</td> <td>12.50 kHz</td> <td>100.0 Hz</td> <td>-43.26</td> <td>(2.54)</td> <td>-12.50 k</td> <td>-43.43</td> <td>(3.43)</td> <td>12.40 k</td> </tr> <tr> <td>12.50 kHz</td> <td>60.00 kHz</td> <td>100.0 Hz</td> <td>-41.81</td> <td>(-21.81)</td> <td>-15.25 k</td> <td>-40.58</td> <td>(-20.58)</td> <td>15.00 k</td> </tr> <tr> <td>4.000 MHz</td> <td>8.000 MHz</td> <td>1.000 MHz</td> <td>—</td> <td>(—)</td> <td>—</td> <td>—</td> <td>(—)</td> <td>—</td> </tr> <tr> <td>8.000 MHz</td> <td>12.50 MHz</td> <td>1.000 MHz</td> <td>—</td> <td>(—)</td> <td>—</td> <td>—</td> <td>(—)</td> <td>—</td> </tr> <tr> <td>12.50 MHz</td> <td>15.00 MHz</td> <td>1.000 MHz</td> <td>—</td> <td>(—)</td> <td>—</td> <td>—</td> <td>(—)</td> <td>—</td> </tr> </tbody> </table>	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	Peak dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	18.25	(-12.47)	-200.0	21.94	(-8.77)	900.0	5.625 kHz	12.50 kHz	100.0 Hz	-43.26	(2.54)	-12.50 k	-43.43	(3.43)	12.40 k	12.50 kHz	60.00 kHz	100.0 Hz	-41.81	(-21.81)	-15.25 k	-40.58	(-20.58)	15.00 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
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12.50 kHz	60.00 kHz	100.0 Hz	-44.48	(-24.48)	-15.25 k	-44.97	(-24.97)	12.65 k																																																										
4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										



Appendix C:Emission Mask For UHF Band

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																								
TX-DNL	4FSK	CH _{H1}	<p>Agilent Spectrum Analyzer - Spectrum Emission Mask</p> <p>Center Freq 469.987500 MHz Center Freq: 469.987500 MHz Radio Std: None</p> <p>Trig: Free Run #Atten: 40 dB Radio Device: BTS</p> <p>Ref Offset 37 dB Ref 28.0 dBm</p> <p>Center 470 MHz Span 120 kHz</p> <p>Total Power Ref 22.25 dBm 0.0125 MHz</p> <table border="1"> <thead> <tr> <th>Start Freq</th> <th>Stop Freq</th> <th>Integ BW</th> <th>dBm</th> <th>Lower ΔLim(dB)</th> <th>Peak (dBm)</th> <th>Upper ΔLim(dB)</th> <th>Upper Freq (Hz)</th> </tr> </thead> <tbody> <tr> <td>0.0 Hz</td> <td>5.625 kHz</td> <td>100.0 Hz</td> <td>22.33</td> <td>(-2.02)</td> <td>-350.0</td> <td>-18.28</td> <td>(-42.64) 500.0</td> </tr> <tr> <td>5.625 kHz</td> <td>12.50 kHz</td> <td>100.0 Hz</td> <td>-48.30</td> <td>(-2.31)</td> <td>-12.35 k</td> <td>-47.04</td> <td>(-2.50) 12.15 k</td> </tr> <tr> <td>12.50 kHz</td> <td>60.00 kHz</td> <td>100.0 Hz</td> <td>-46.31</td> <td>(-26.31)</td> <td>-16.65 k</td> <td>-46.33</td> <td>(-26.33) 39.95 k</td> </tr> <tr> <td>4.000 MHz</td> <td>8.000 MHz</td> <td>1.000 MHz</td> <td>—</td> <td>(—)</td> <td>—</td> <td>—</td> <td>(—) —</td> </tr> <tr> <td>8.000 MHz</td> <td>12.50 MHz</td> <td>1.000 MHz</td> <td>—</td> <td>(—)</td> <td>—</td> <td>—</td> <td>(—) —</td> </tr> <tr> <td>12.50 MHz</td> <td>15.00 MHz</td> <td>1.000 MHz</td> <td>—</td> <td>(—)</td> <td>—</td> <td>—</td> <td>(—) —</td> </tr> </tbody> </table> <p>File <MASK D.state> recalled</p>	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Peak (dBm)	Upper ΔLim(dB)	Upper Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	22.33	(-2.02)	-350.0	-18.28	(-42.64) 500.0	5.625 kHz	12.50 kHz	100.0 Hz	-48.30	(-2.31)	-12.35 k	-47.04	(-2.50) 12.15 k	12.50 kHz	60.00 kHz	100.0 Hz	-46.31	(-26.31)	-16.65 k	-46.33	(-26.33) 39.95 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—) —	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—) —	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—) —
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TX-DNL	4FSK	CH _{H1}	<p>Agilent Spectrum Analyzer - Spectrum Emission Mask</p> <p>Center Freq 469.987500 MHz Center Freq: 469.987500 MHz Radio Std: None</p> <p>Trig: Free Run Avg: 100.00% of 10 #Atten: 40 dB Radio Device: BTS</p> <p>Ref Offset 37 dB Ref 28.0 dBm</p> <p>Center 470 MHz Span 120 kHz</p> <p>Total Power Ref 25.04 dBm 0.0125 MHz</p> <table border="1"> <thead> <tr> <th>Start Freq</th> <th>Stop Freq</th> <th>Integ BW</th> <th>dBm</th> <th>Lower ΔLim(dB)</th> <th>Peak (dBm)</th> <th>Upper ΔLim(dB)</th> <th>Upper Freq (Hz)</th> </tr> </thead> <tbody> <tr> <td>0.0 Hz</td> <td>5.625 kHz</td> <td>100.0 Hz</td> <td>12.08</td> <td>(-12.28)</td> <td>-450.0</td> <td>16.59</td> <td>(7.77) 350.0</td> </tr> <tr> <td>5.625 kHz</td> <td>12.50 kHz</td> <td>100.0 Hz</td> <td>-45.94</td> <td>(2.49)</td> <td>-12.00 k</td> <td>-49.12</td> <td>(2.41) 12.45 k</td> </tr> <tr> <td>12.50 kHz</td> <td>60.00 kHz</td> <td>100.0 Hz</td> <td>-45.13</td> <td>(-25.13)</td> <td>-56.30 k</td> <td>-46.74</td> <td>(-26.74) 17.45 k</td> </tr> <tr> <td>4.000 MHz</td> <td>8.000 MHz</td> <td>1.000 MHz</td> <td>—</td> <td>(—)</td> <td>—</td> <td>—</td> <td>(—) —</td> </tr> <tr> <td>8.000 MHz</td> <td>12.50 MHz</td> <td>1.000 MHz</td> <td>—</td> <td>(—)</td> <td>—</td> <td>—</td> <td>(—) —</td> </tr> <tr> <td>12.50 MHz</td> <td>15.00 MHz</td> <td>1.000 MHz</td> <td>—</td> <td>(—)</td> <td>—</td> <td>—</td> <td>(—) —</td> </tr> </tbody> </table> <p>File <Temp.png> saved</p>	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Peak (dBm)	Upper ΔLim(dB)	Upper Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	12.08	(-12.28)	-450.0	16.59	(7.77) 350.0	5.625 kHz	12.50 kHz	100.0 Hz	-45.94	(2.49)	-12.00 k	-49.12	(2.41) 12.45 k	12.50 kHz	60.00 kHz	100.0 Hz	-45.13	(-25.13)	-56.30 k	-46.74	(-26.74) 17.45 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—) —	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—) —	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—) —
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Peak (dBm)	Upper ΔLim(dB)	Upper Freq (Hz)																																																				
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**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	0.062	0.077	0.128	±5.0	PASS
TX-DNH	4FSK	V _N	-20	0.053	0.066	0.117	±5.0	PASS
TX-DNH	4FSK	V _N	-10	0.041	0.048	0.098	±5.0	PASS
TX-DNH	4FSK	V _N	0	0.030	0.041	0.081	±5.0	PASS
TX-DNH	4FSK	V _N	10	0.017	0.021	0.067	±5.0	PASS
TX-DNH	4FSK	V _N	20	0.013	0.016	0.048	±5.0	PASS
TX-DNH	4FSK	V _N	30	0.021	0.025	0.077	±5.0	PASS
TX-DNH	4FSK	V _N	40	0.043	0.049	0.097	±5.0	PASS
TX-DNH	4FSK	V _N	55	0.044	0.055	0.111	±5.0	PASS
TX-DNL	4FSK	V _N	-30	0.050	0.082	0.114	±5.0	PASS
TX-DNL	4FSK	V _N	-20	0.040	0.066	0.090	±5.0	PASS
TX-DNL	4FSK	V _N	-10	0.035	0.064	0.087	±5.0	PASS
TX-DNL	4FSK	V _N	0	0.026	0.078	0.063	±5.0	PASS
TX-DNL	4FSK	V _N	10	0.019	0.046	0.046	±5.0	PASS
TX-DNL	4FSK	V _N	20	0.008	0.023	0.019	±5.0	PASS
TX-DNL	4FSK	V _N	30	0.017	0.055	0.043	±5.0	PASS
TX-DNL	4FSK	V _N	40	0.028	0.055	0.066	±5.0	PASS
TX-DNL	4FSK	V _N	55	0.041	0.071	0.103	±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	0.139	0.139	0.119	0.138	0.167	±5.0	PASS
TX-DNH	4FSK	V _N	-20	0.131	0.132	0.110	0.127	0.155	±5.0	PASS
TX-DNH	4FSK	V _N	-10	0.123	0.122	0.106	0.118	0.151	±5.0	PASS
TX-DNH	4FSK	V _N	0	0.103	0.103	0.090	0.106	0.135	±5.0	PASS
TX-DNH	4FSK	V _N	10	0.092	0.087	0.080	0.089	0.110	±5.0	PASS
TX-DNH	4FSK	V _N	20	0.085	0.085	0.075	0.085	0.105	±5.0	PASS
TX-DNH	4FSK	V _N	30	0.107	0.109	0.094	0.102	0.137	±5.0	PASS
TX-DNH	4FSK	V _N	40	0.113	0.111	0.098	0.116	0.141	±5.0	PASS
TX-DNH	4FSK	V _N	55	0.128	0.119	0.107	0.122	0.152	±5.0	PASS
TX-DNL	4FSK	V _N	-30	0.141	0.156	0.185	0.140	0.125	±5.0	PASS
TX-DNL	4FSK	V _N	-20	0.137	0.141	0.176	0.136	0.115	±5.0	PASS
TX-DNL	4FSK	V _N	-10	0.135	0.143	0.175	0.131	0.118	±5.0	PASS
TX-DNL	4FSK	V _N	0	0.113	0.124	0.146	0.111	0.098	±5.0	PASS
TX-DNL	4FSK	V _N	10	0.094	0.105	0.124	0.086	0.081	±5.0	PASS
TX-DNL	4FSK	V _N	20	0.087	0.096	0.115	0.085	0.078	±5.0	PASS
TX-DNL	4FSK	V _N	30	0.094	0.105	0.125	0.089	0.082	±5.0	PASS
TX-DNL	4FSK	V _N	40	0.117	0.130	0.150	0.116	0.108	±5.0	PASS
TX-DNL	4FSK	V _N	55	0.135	0.147	0.176	0.135	0.117	±5.0	PASS

**Appendix G: Frequency Stability Test & Voltage For VHF Band**

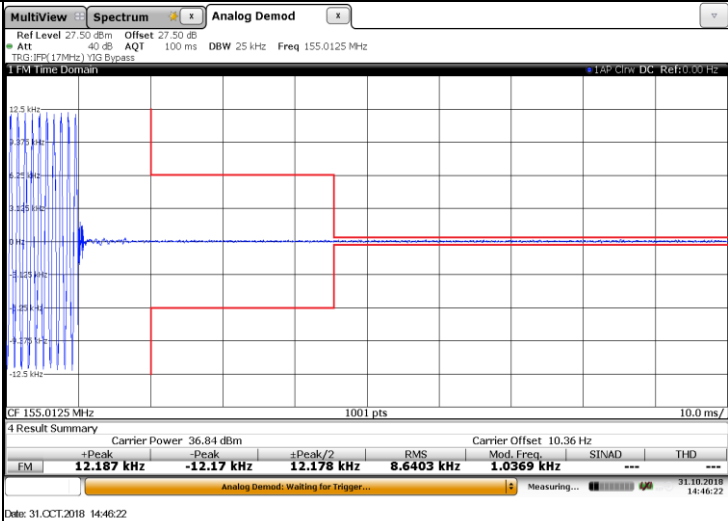
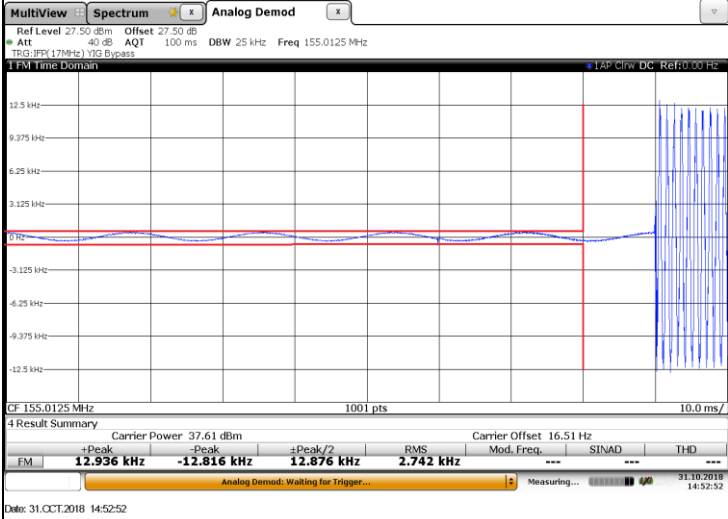
Operation Mode	Modulation Type	Test Conditions		Frequency error (ppm)			Limit (ppm)	Result
		Voltage	Temperature	CH _L	CH _M	CH _H		
TX-DNH	4FSK	V _N	T _N	0.013	0.016	0.048	±5.0	PASS
TX-DNH	4FSK	V _L	T _N	0.026	0.031	0.068	±5.0	PASS
TX-DNH	4FSK	V _H	T _N	0.021	0.032	0.069	±5.0	PASS
TX-DNL	4FSK	V _N	T _N	0.008	0.023	0.019	±5.0	PASS
TX-DNL	4FSK	V _L	T _N	0.015	0.036	0.027	±5.0	PASS
TX-DNL	4FSK	V _H	T _N	0.010	0.032	0.021	±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	0.085	0.085	0.075	0.085	0.105	±5.0	PASS
TX-DNH	4FSK	V _L	T _N	0.113	0.117	0.102	0.108	0.143	±5.0	PASS
TX-DNH	4FSK	V _H	T _N	0.118	0.090	0.078	0.088	0.110	±5.0	PASS
TX-DNL	4FSK	V _N	T _N	0.087	0.096	0.115	0.085	0.078	±5.0	PASS
TX-DNL	4FSK	V _L	T _N	0.121	0.126	0.150	0.115	0.112	±5.0	PASS
TX-DNL	4FSK	V _H	T _N	0.100	0.115	0.139	0.099	0.091	±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	 <p style="text-align: center;">OFF~ON</p>
TX-DNH	4FSK	CH _M	 <p style="text-align: center;">ON-OFF</p>

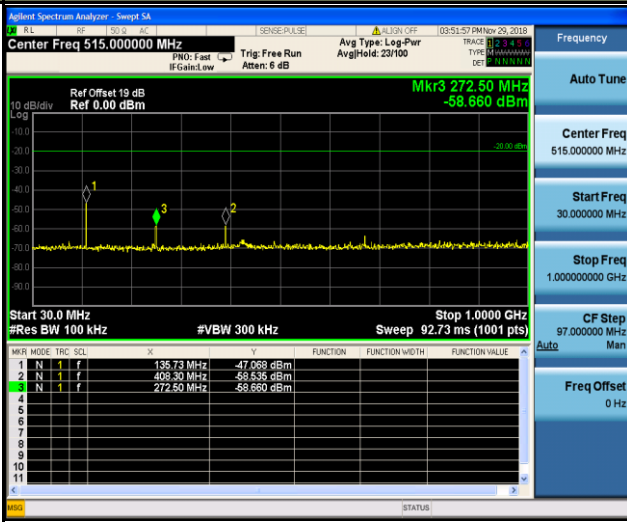
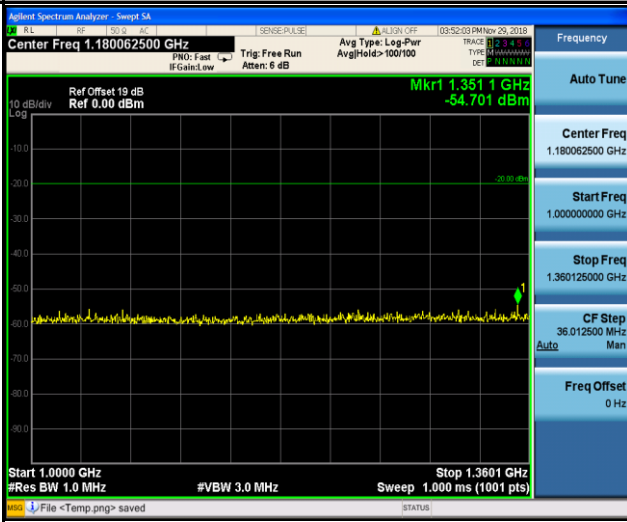
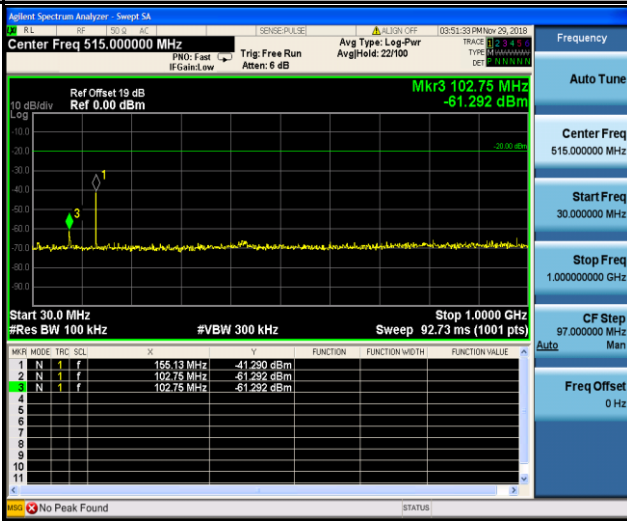


Appendix H:Transmitter Frequency Behavior For UHF Band

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT										
TX-DNH	4FSK	CH _{M2}	<p>MultiView Spectrum Analog Demod</p> <p>Ref Level 27.50 dBm Offset 27.50 dB</p> <p>ATT 40 dB AQT 100 ms DBW 25 kHz Freq 406.1125 MHz</p> <p>TRG:IFP(17MHz) VGS Bypass</p> <p>1 FM Time Domain</p> <p>CF 406.1125 MHz 1001 pts 10.0 ms/</p> <p>4 Result Summary</p> <table border="1"> <thead> <tr> <th></th> <th>Carrier Power</th> <th>Carrier Offset</th> <th>SINAD</th> <th>THD</th> </tr> </thead> <tbody> <tr> <td>FM</td> <td>32.59 dBm</td> <td>103.26 Hz</td> <td>---</td> <td>---</td> </tr> </tbody> </table> <p>+Peak 12.246 kHz -Peak -15.677 kHz ±Peak/2 13.961 kHz RMS 2.7628 kHz</p> <p>Mod. Freq. ---</p> <p>Analog Demod: Waiting for Trigger...</p> <p>Date: 31.OCT.2018 14:38:53</p> <p>OFF~ON</p>		Carrier Power	Carrier Offset	SINAD	THD	FM	32.59 dBm	103.26 Hz	---	---
	Carrier Power	Carrier Offset	SINAD	THD									
FM	32.59 dBm	103.26 Hz	---	---									
TX-DNH	4FSK	CH _{M2}	<p>MultiView Spectrum Analog Demod</p> <p>Ref Level 27.50 dBm Offset 27.50 dB</p> <p>ATT 40 dB AQT 100 ms DBW 25 kHz Freq 406.1125 MHz</p> <p>TRG:IFP(17MHz) VGS Bypass</p> <p>1 FM Time Domain</p> <p>CF 406.1125 MHz 1001 pts 10.0 ms/</p> <p>4 Result Summary</p> <table border="1"> <thead> <tr> <th></th> <th>Carrier Power</th> <th>Carrier Offset</th> <th>SINAD</th> <th>THD</th> </tr> </thead> <tbody> <tr> <td>FM</td> <td>32.65 dBm</td> <td>-18.89 Hz</td> <td>---</td> <td>---</td> </tr> </tbody> </table> <p>+Peak 12.781 kHz -Peak -12.824 kHz ±Peak/2 12.802 kHz RMS 8.7227 kHz</p> <p>Mod. Freq. 1.0255 kHz</p> <p>Analog Demod: Waiting for Trigger...</p> <p>Date: 31.OCT.2018 14:49:49</p> <p>ON-OFF</p>		Carrier Power	Carrier Offset	SINAD	THD	FM	32.65 dBm	-18.89 Hz	---	---
	Carrier Power	Carrier Offset	SINAD	THD									
FM	32.65 dBm	-18.89 Hz	---	---									



Appendix I:Spurious Emission On Antenna Port For VHF Band

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-DNH	4FSK	CHL	 <p style="text-align: center;">30MHz~1GHz</p>
TX-DNH	4FSK	CHL	 <p style="text-align: center;">1GHz~10th Harmonic</p>
TX-DNH	4FSK	CH _M	 <p style="text-align: center;">30MHz~1GHz</p>



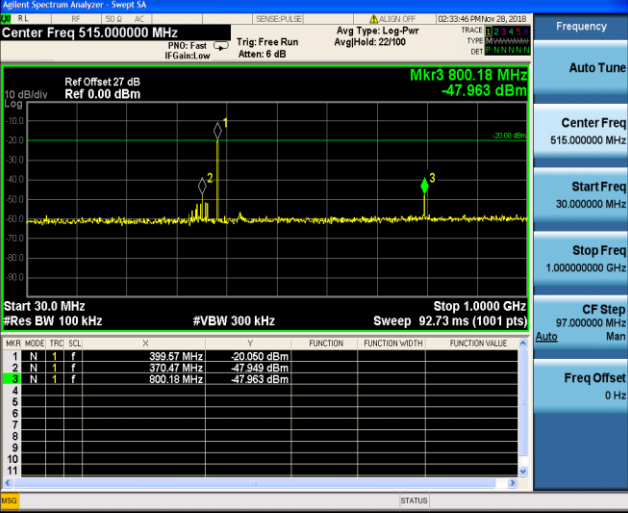
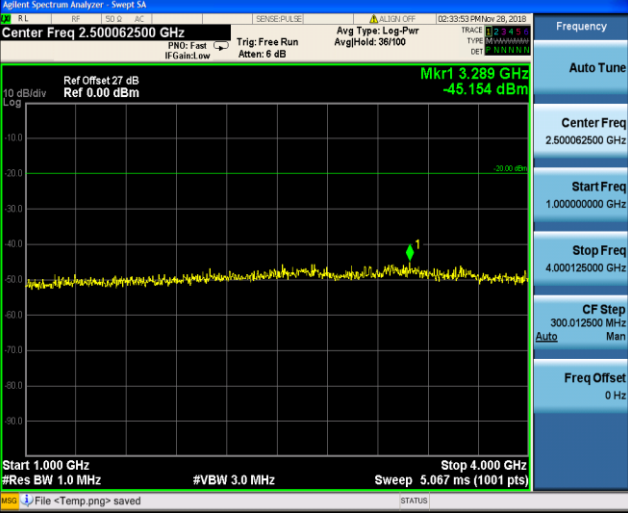
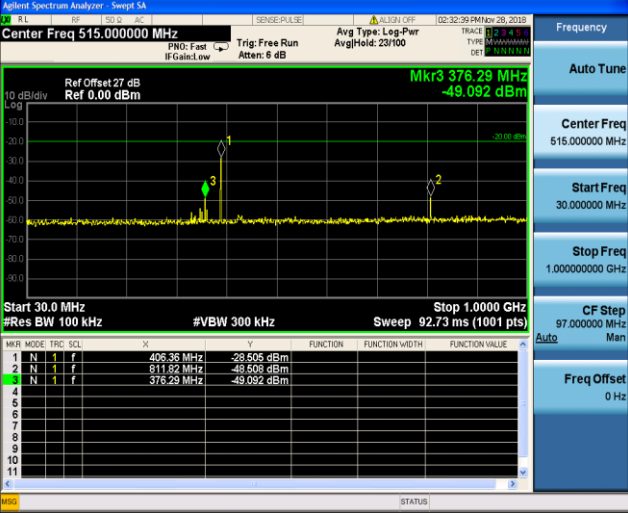
Appendix I:Spurious Emission On Antenna Port For VHF Band

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																				
TX-DNH	4FSK	CH _M	<p>Agilent Spectrum Analyzer - Sweep SA Center Freq 1.275062500 GHz Ref Offset 19 dB Ref 0.00 dBm Mkr1 1.3240 GHz -55.856 dBm Start 1.0000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Stop 1.5501 GHz Sweep 1.000 ms (1001 pts)</p> <p>1GHz~10th Harmonic</p>																																				
TX-DNH	4FSK	CH _H	<p>Agilent Spectrum Analyzer - Sweep SA Center Freq 515.000000 MHz Ref Offset 19 dB Ref 0.00 dBm Mkr3 233.70 MHz -45.319 dBm Start 30.0 MHz #Res BW 100 kHz #VBW 300 kHz Stop 1.0000 GHz Sweep 92.73 ms (1001 pts)</p> <table border="1"> <thead> <tr> <th>MKR</th> <th>MODE</th> <th>TRC</th> <th>SCL</th> <th>F</th> <th>Y</th> <th>FUNCTION</th> <th>FUNCTION WIDTH</th> <th>FUNCTION VALUE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>N</td> <td>1</td> <td>f</td> <td>173.66 MHz</td> <td>-39.392 dBm</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td>N</td> <td>1</td> <td>f</td> <td>241.48 MHz</td> <td>-44.820 dBm</td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td>N</td> <td>1</td> <td>f</td> <td>233.70 MHz</td> <td>-45.319 dBm</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>30MHz~1GHz</p>	MKR	MODE	TRC	SCL	F	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	173.66 MHz	-39.392 dBm				2	N	1	f	241.48 MHz	-44.820 dBm				3	N	1	f	233.70 MHz	-45.319 dBm			
MKR	MODE	TRC	SCL	F	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE																															
1	N	1	f	173.66 MHz	-39.392 dBm																																		
2	N	1	f	241.48 MHz	-44.820 dBm																																		
3	N	1	f	233.70 MHz	-45.319 dBm																																		
TX-DNH	4FSK	CH _H	<p>Agilent Spectrum Analyzer - Sweep SA Center Freq 1.369937500 GHz Ref Offset 19 dB Ref 0.00 dBm Mkr1 1.6996 GHz -55.656 dBm Start 1.0000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Stop 1.7399 GHz Sweep 1.000 ms (1001 pts)</p> <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 style="text-align: center;">30MHz~1GHz</p>
TX-DNH	4FSK	CH _{L1}	 <p style="text-align: center;">1GHz~10th Harmonic</p>
TX-DNH	4FSK	CH _{M1}	 <p style="text-align: center;">30MHz~1GHz</p>

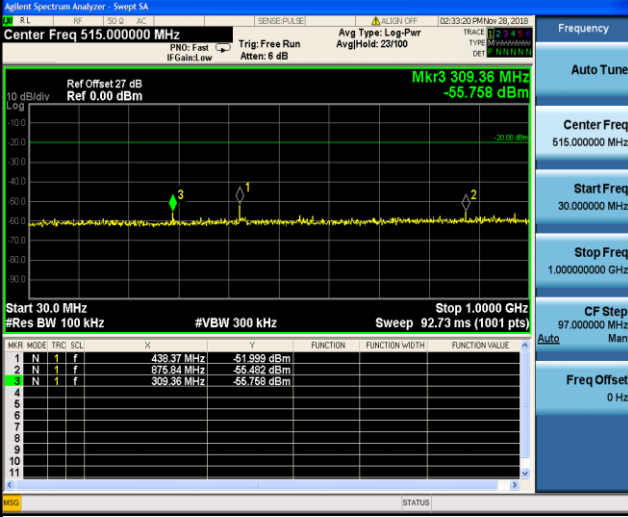
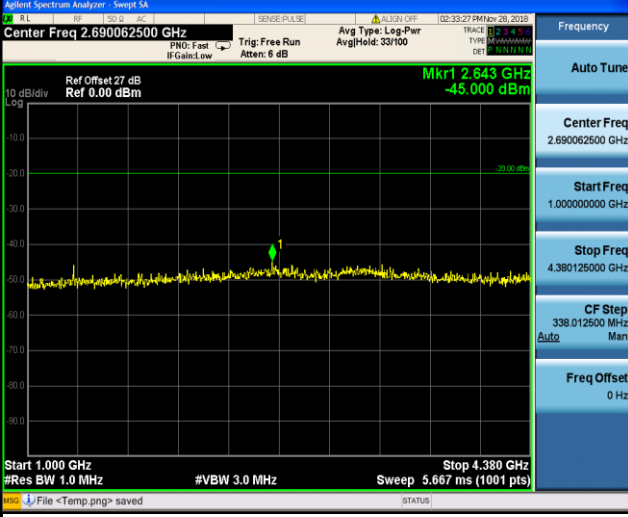
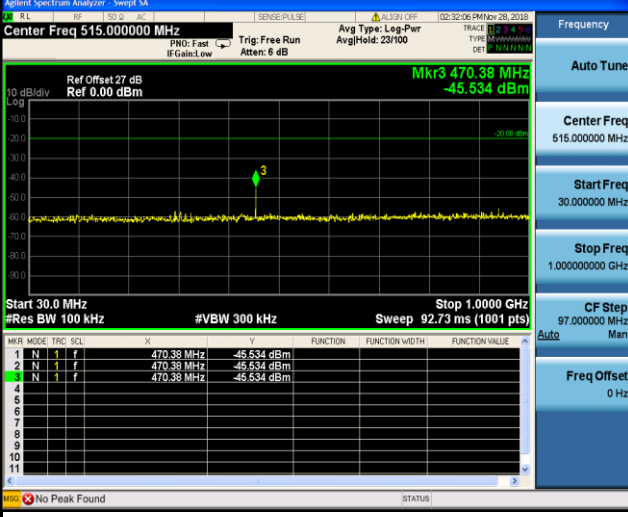


Appendix I:Spurious Emission On Antenna Port For UHF Band

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																				
TX-DNH	4FSK	CH _{M1}	<p>Agilent Spectrum Analyzer - Swept SA Center Freq 2.529937500 GHz Ref Offset 27 dB Ref 0.00 dBm Mkr1 2.686 GHz -45.763 dBm Start 1.000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 5.133 ms (1001 pts)</p> <p>1GHz~10th Harmonic</p>																																				
TX-DNH	4FSK	CH _{M2}	<p>Agilent Spectrum Analyzer - Swept SA Center Freq 515.000000 MHz Ref Offset 27 dB Ref 0.00 dBm Mkr3 376.29 MHz -50.612 dBm Start 30.0 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 92.73 ms (1001 pts)</p> <table border="1"> <thead> <tr> <th>MKR</th> <th>MODE</th> <th>TRG</th> <th>SCL</th> <th>X</th> <th>Y</th> <th>FUNCTION</th> <th>FUNCTION WIDTH</th> <th>FUNCTION VALUE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>N</td> <td>f</td> <td>f</td> <td>468.38 MHz</td> <td>-28.637 dBm</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td>N</td> <td>f</td> <td>f</td> <td>511.82 MHz</td> <td>-49.934 dBm</td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td>N</td> <td>f</td> <td>f</td> <td>376.29 MHz</td> <td>-50.612 dBm</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>30MHz~1GHz</p>	MKR	MODE	TRG	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	f	f	468.38 MHz	-28.637 dBm				2	N	f	f	511.82 MHz	-49.934 dBm				3	N	f	f	376.29 MHz	-50.612 dBm			
MKR	MODE	TRG	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE																															
1	N	f	f	468.38 MHz	-28.637 dBm																																		
2	N	f	f	511.82 MHz	-49.934 dBm																																		
3	N	f	f	376.29 MHz	-50.612 dBm																																		
TX-DNH	4FSK	CH _{M2}	<p>Agilent Spectrum Analyzer - Swept SA Center Freq 2.530562500 GHz Ref Offset 27 dB Ref 0.00 dBm Mkr1 2.656 GHz -45.295 dBm Start 1.000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 5.133 ms (1001 pts)</p> <p>1GHz~10th Harmonic</p>																																				

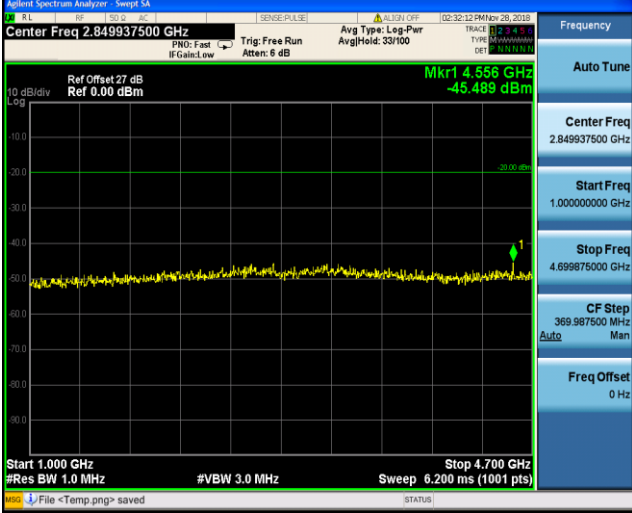


Appendix I:Spurious Emission On Antenna Port For UHF Band

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-DNH	4FSK	CH _{M3}	 <p style="text-align: center;">30MHz~1GHz</p>
TX-DNH	4FSK	CH _{M3}	 <p style="text-align: center;">1GHz~10th Harmonic</p>
TX-DNH	4FSK	CH _{H1}	 <p style="text-align: center;">30MHz~1GHz</p>



Appendix I:Spurious Emission On Antenna Port For UHF Band

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-DNH	4FSK	CH _{H1}	 <p style="text-align: center;">1GHz~10th Harmonic</p>

----End of Report----