



Appendix A.3

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 Band2_EIRP

Band: 2								
ENV	Mode		Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
	Network	Subset				Result	Limit	
NTNV	RMC	12.2kbps RMC	1852.4	22.74	1.59	24.33	<=33.01	Pass
			1880	22.99	1.59	24.58	<=33.01	Pass
			1907.6	22.91	1.59	24.50	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 Test Result

2.1.1 Band2

Band: 2							
Network	Frequency (MHz)	Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
					Result	Limit	
RMC	1852.4	20	3.30	-4.277	-0.0023	-2.5 to 2.5	Pass
			3.80	-4.041	-0.0022	-2.5 to 2.5	Pass
			4.30	-3.884	-0.0021	-2.5 to 2.5	Pass
		-30	3.80	-3.970	-0.0021	-2.5 to 2.5	Pass
		-20	3.80	-3.648	-0.0020	-2.5 to 2.5	Pass
		-10	3.80	-3.526	-0.0019	-2.5 to 2.5	Pass
		0	3.80	-4.191	-0.0023	-2.5 to 2.5	Pass
		10	3.80	-3.934	-0.0021	-2.5 to 2.5	Pass
		30	3.80	-4.041	-0.0022	-2.5 to 2.5	Pass
		40	3.80	-4.334	-0.0023	-2.5 to 2.5	Pass
	1880	20	3.30	-0.451	-0.0002	-2.5 to 2.5	Pass
			3.80	-0.908	-0.0005	-2.5 to 2.5	Pass
			4.30	-0.823	-0.0004	-2.5 to 2.5	Pass
		-30	3.80	-0.994	-0.0005	-2.5 to 2.5	Pass
		-20	3.80	-1.509	-0.0008	-2.5 to 2.5	Pass
		-10	3.80	-0.815	-0.0004	-2.5 to 2.5	Pass
		0	3.80	-0.837	-0.0004	-2.5 to 2.5	Pass
		10	3.80	-0.515	-0.0003	-2.5 to 2.5	Pass
		30	3.80	-0.644	-0.0003	-2.5 to 2.5	Pass
		40	3.80	-0.672	-0.0004	-2.5 to 2.5	Pass



Report No.: SUCR260500041102

Page: 2 of 18

	1907.6	50	3.80	-0.458	-0.0002	-2.5 to 2.5	Pass
		20	3.30	2.110	0.0011	-2.5 to 2.5	Pass
			3.80	2.460	0.0013	-2.5 to 2.5	Pass
			4.30	2.146	0.0011	-2.5 to 2.5	Pass
		-30	3.80	2.789	0.0015	-2.5 to 2.5	Pass
		-20	3.80	1.695	0.0009	-2.5 to 2.5	Pass
		-10	3.80	1.566	0.0008	-2.5 to 2.5	Pass
		0	3.80	2.618	0.0014	-2.5 to 2.5	Pass
		10	3.80	1.960	0.0010	-2.5 to 2.5	Pass
		30	3.80	1.638	0.0009	-2.5 to 2.5	Pass
		40	3.80	3.247	0.0017	-2.5 to 2.5	Pass
		50	3.80	1.924	0.0010	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band2_OBW

Band: 2						
ENV	Mode		Frequency (MHz)	99% Occupied Bandwidth (MHz)		Verdict
	Network	Subset		Result	Limit	
NTNV	RMC	12.2kbps RMC	1852.4	4.136	/	Pass
			1880	4.141	/	Pass
			1907.6	4.141	/	Pass

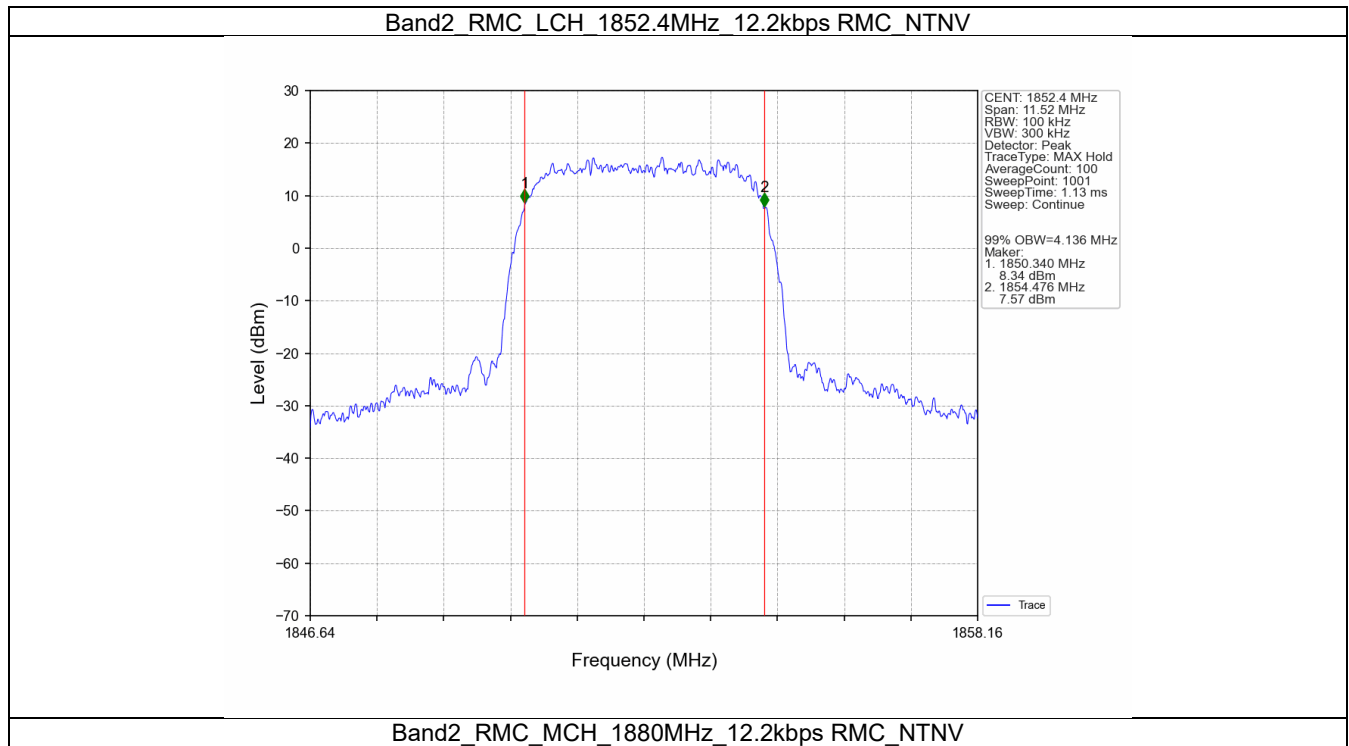
3.1.2 Band2_XDB

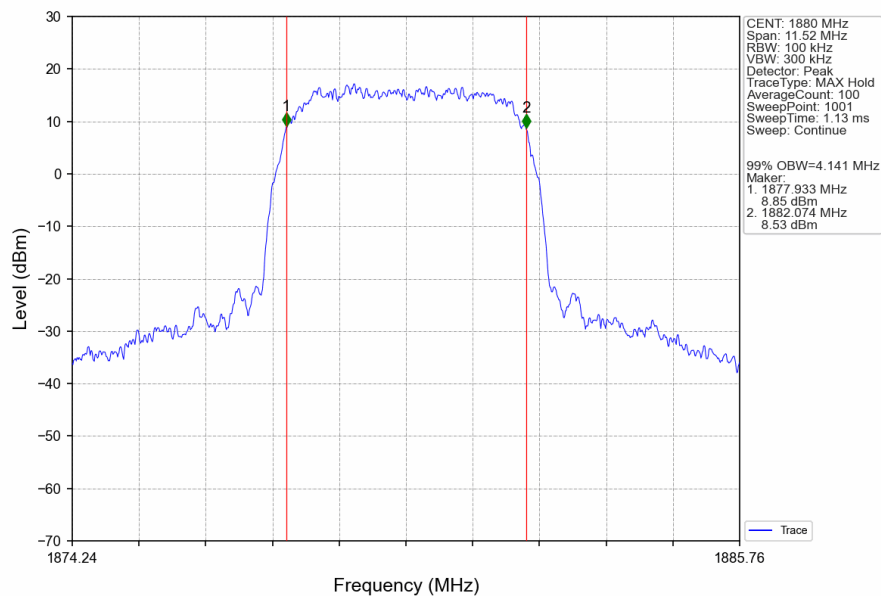
Band: 2						
ENV	Mode		Frequency (MHz)	26dB Bandwidth (MHz)		Verdict
	Network	Subset		Result	Limit	
NTNV	RMC	12.2kbps RMC	1852.4	4.757	/	Pass
			1880	4.752	/	Pass
			1907.6	4.743	/	Pass

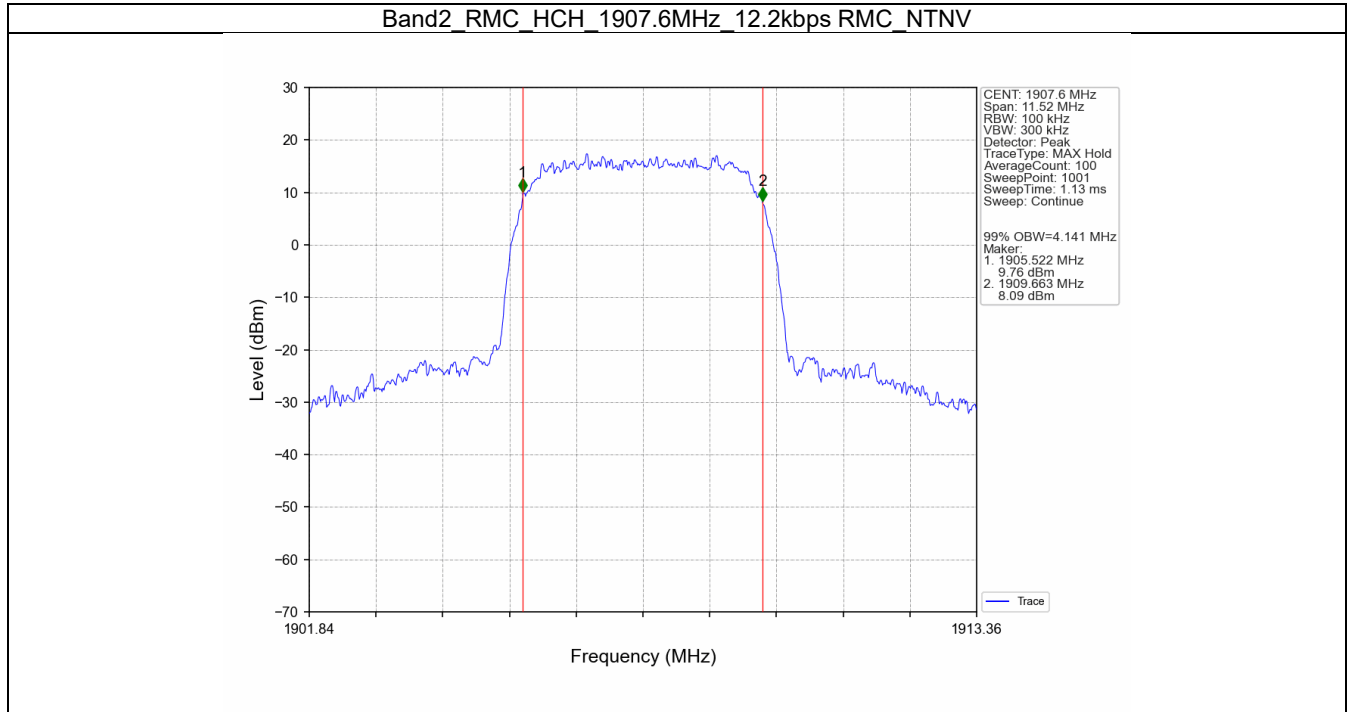


3.2 Test Graph

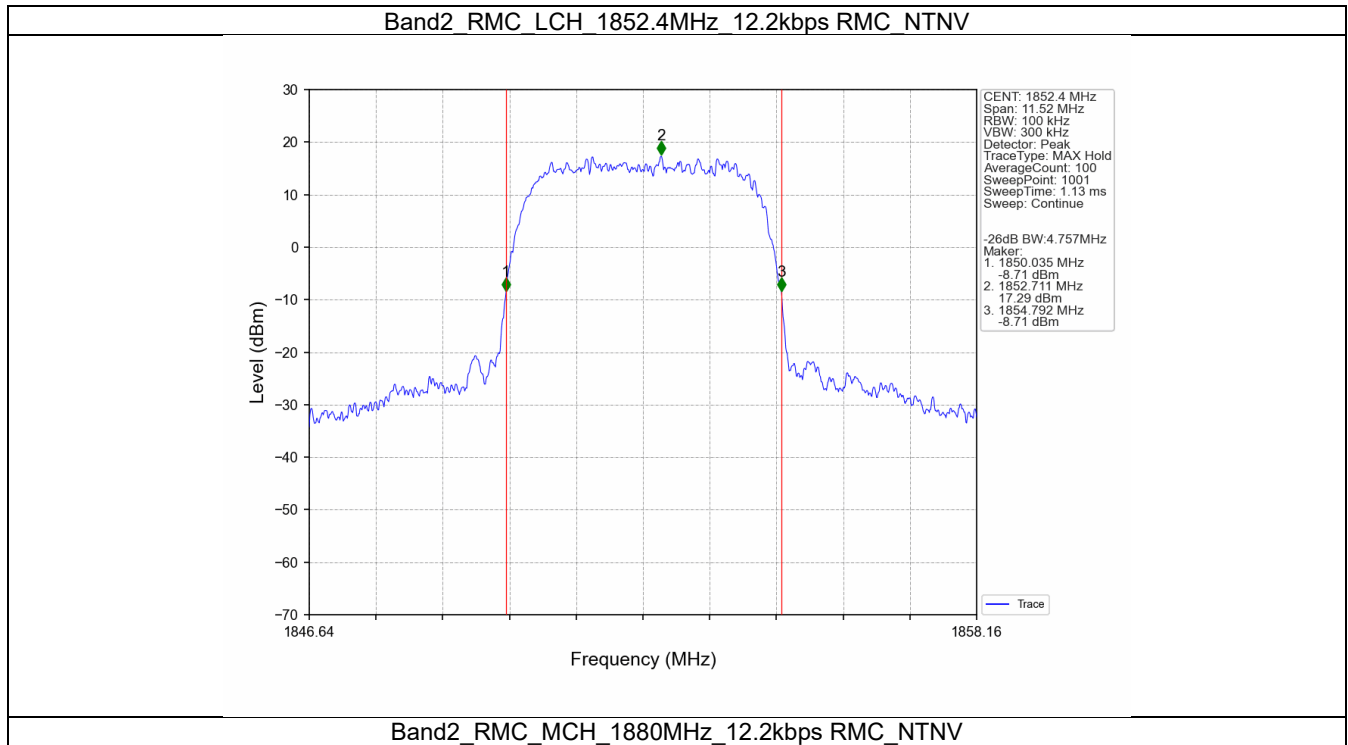
3.2.1 Band2_OBW

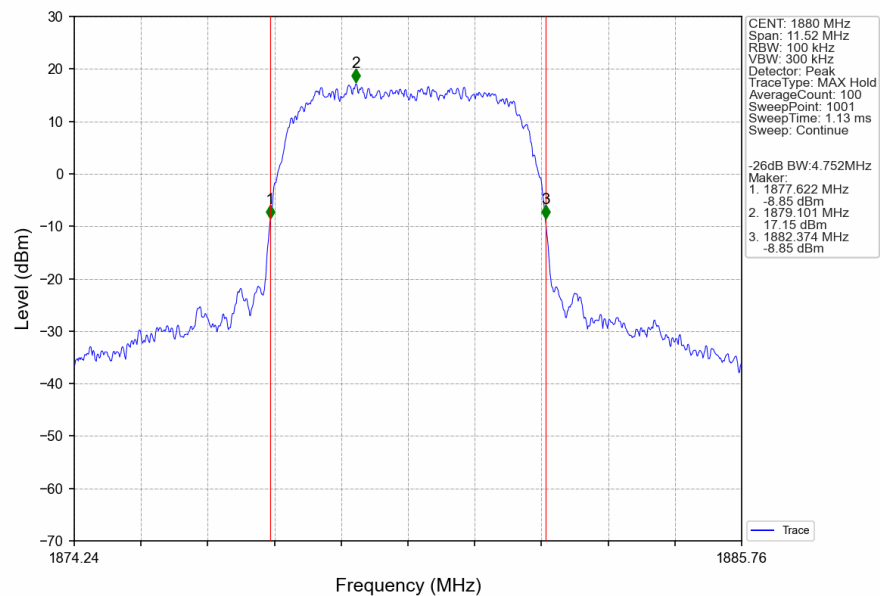


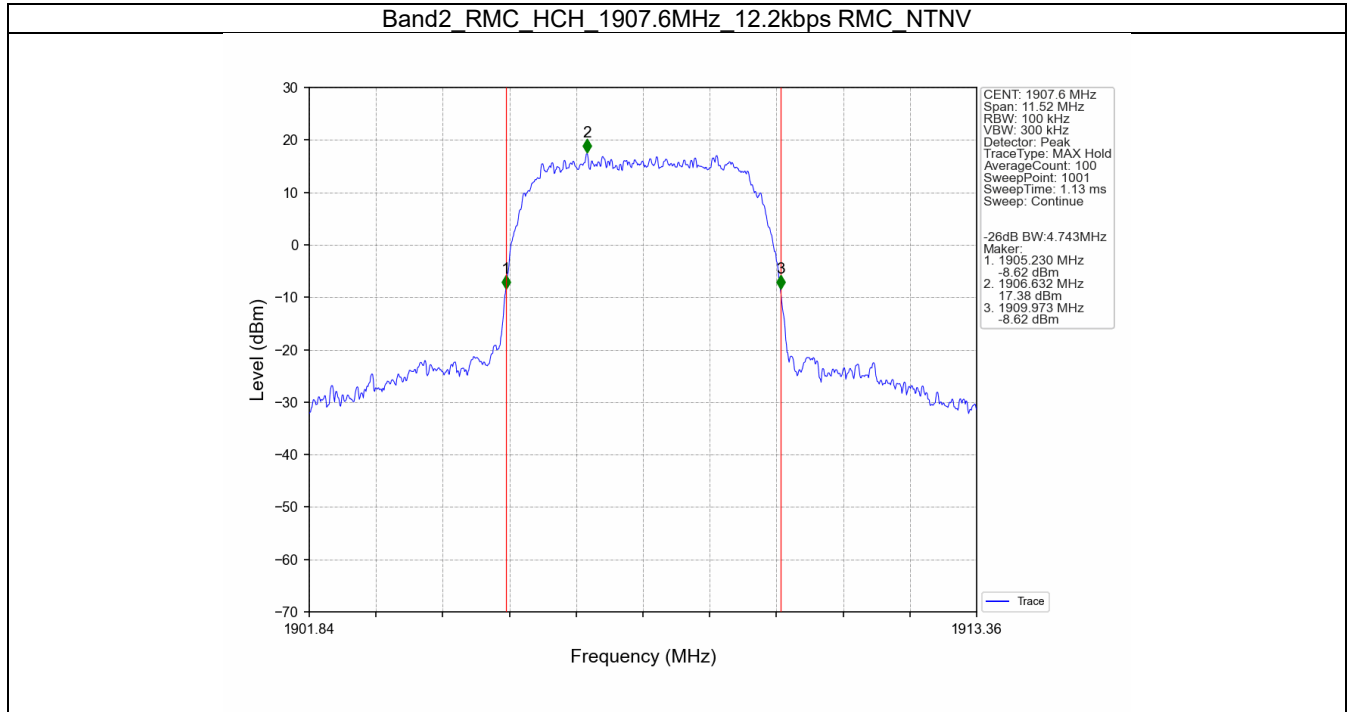




3.2.2 Band2_XDB









4. Peak-Average Ratio

4.1 Test Result

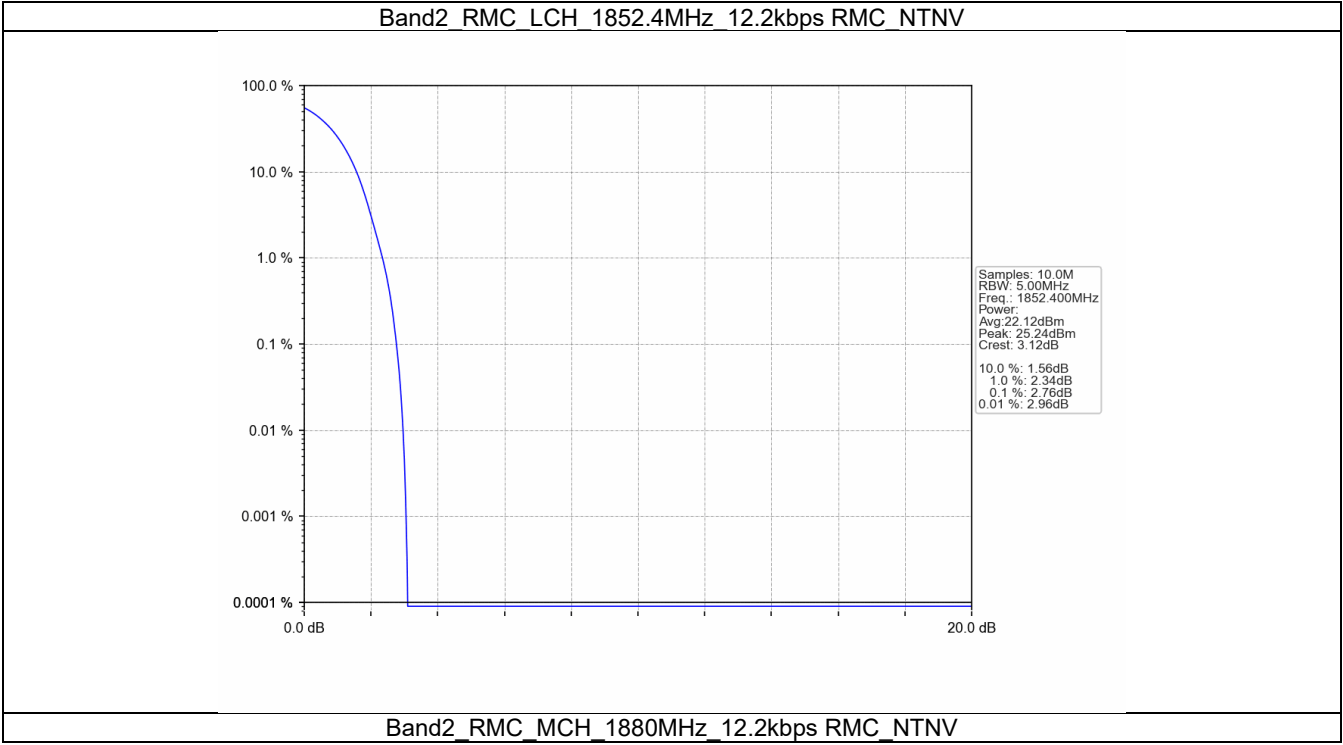
4.1.1 Band2

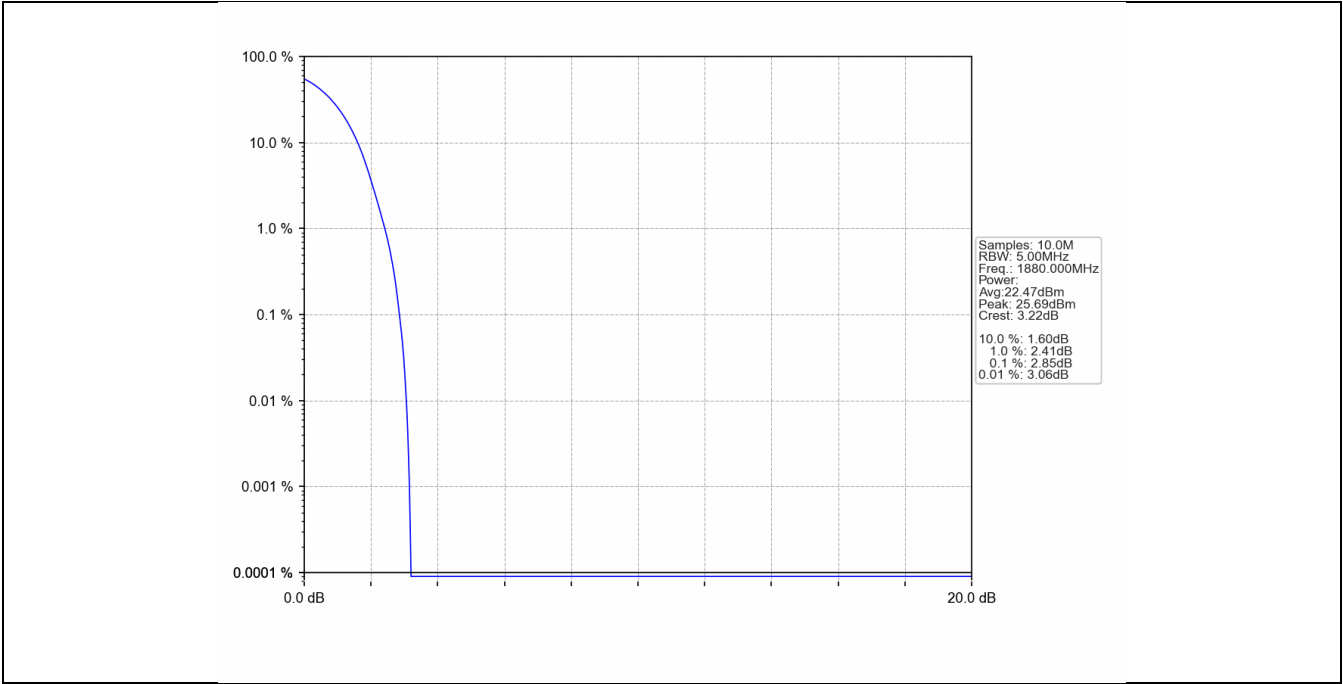
Band: 2						
ENV	Mode		Frequency (MHz)	Peak-Average Ratio (dB)		Verdict
	Network	Subset		Result	Limit	
NTNV	RMC	12.2kbps RMC	1852.4	2.76	<=13	Pass
			1880	2.85	<=13	Pass
			1907.6	2.77	<=13	Pass

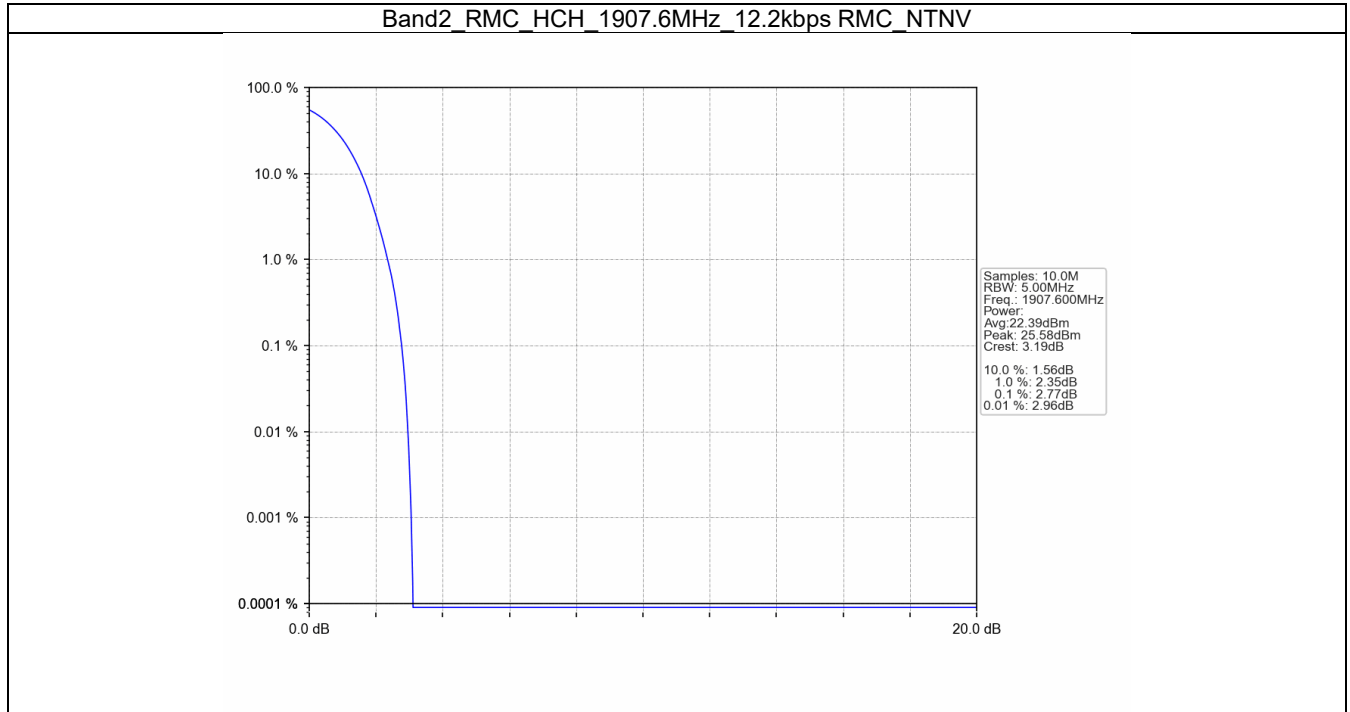


4.2 Test Graph

4.2.1 Band2









Report No.: SUCR260500041102
Page: 13 of 18

5. Spurious Emission

5.1 Test Result

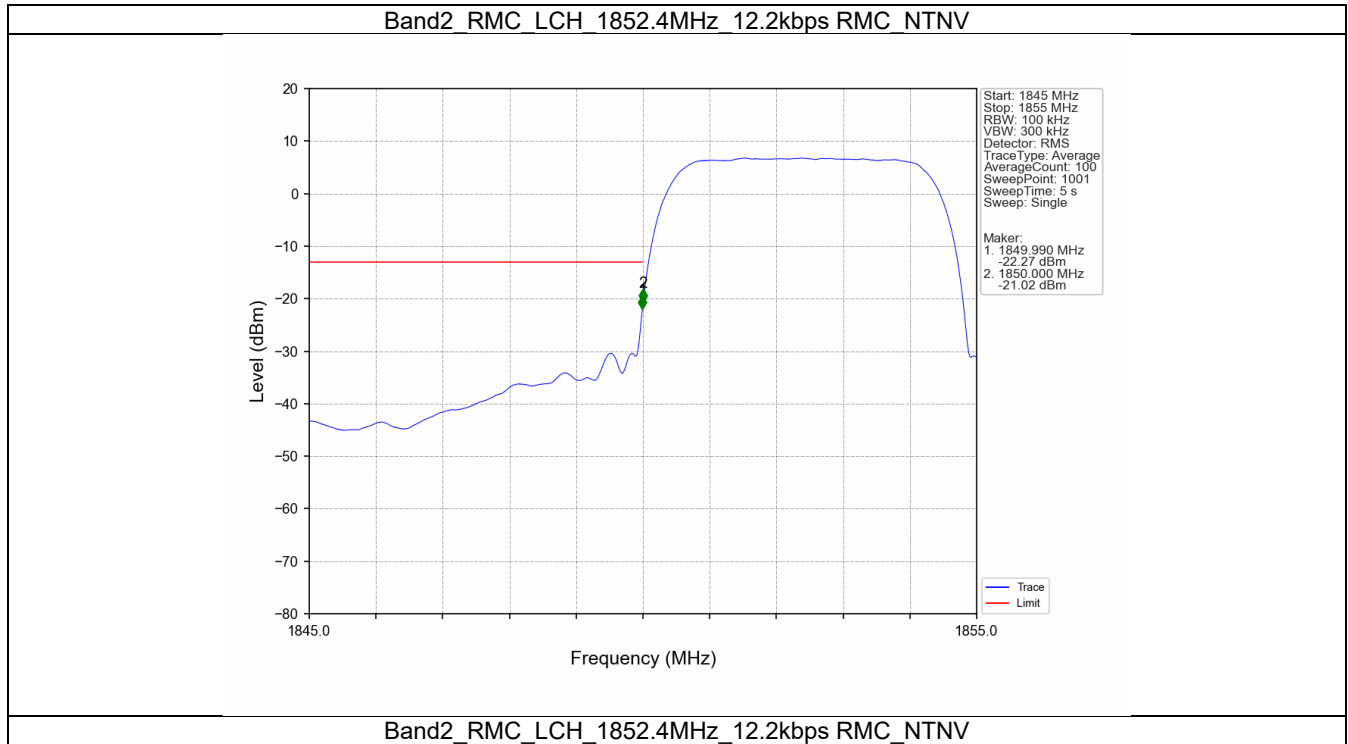
5.1.1 Band2

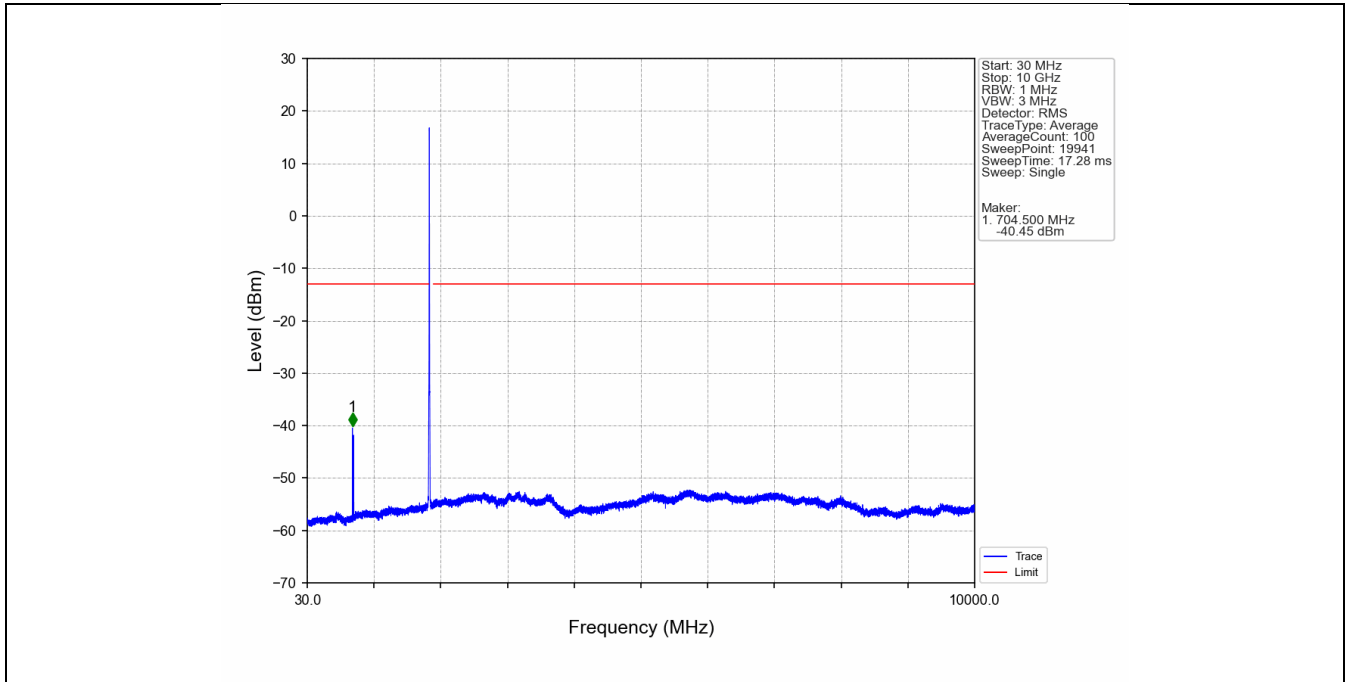
Band: 2					
ENV	Mode		Frequency (MHz)	Spurious Emission	
	Network	Subset		Result	Limit
NTNV	RMC	12.2kbps RMC	1852.4	Refer To Test Graph	Pass
			1880	Refer To Test Graph	Pass
			1907.6	Refer To Test Graph	Pass



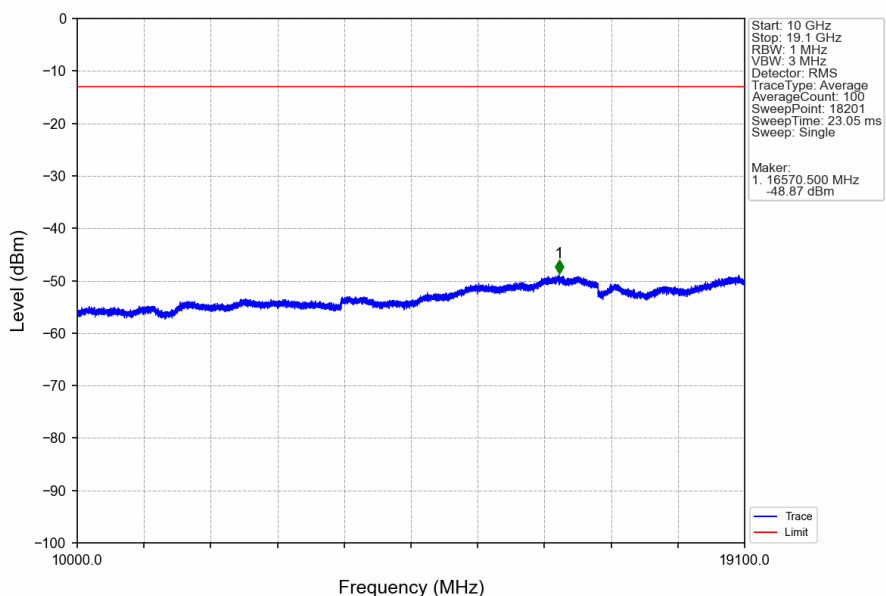
5.2 Test Graph

5.2.1 Band2

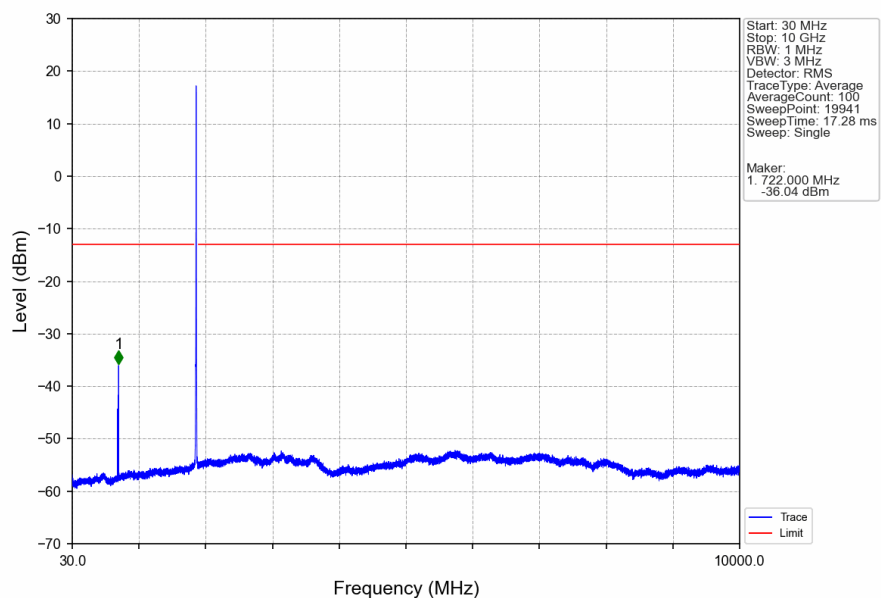




Band2_RMC_LCH_1852.4MHz_12.2kbps RMC_NTNV

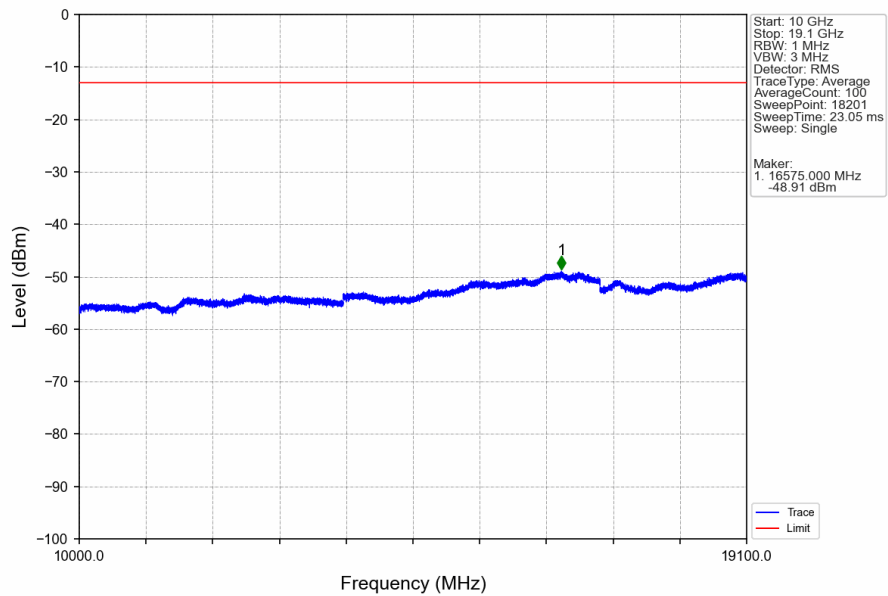


Band2_RMC_MCH_1880MHz_12.2kbps RMC_NTNV

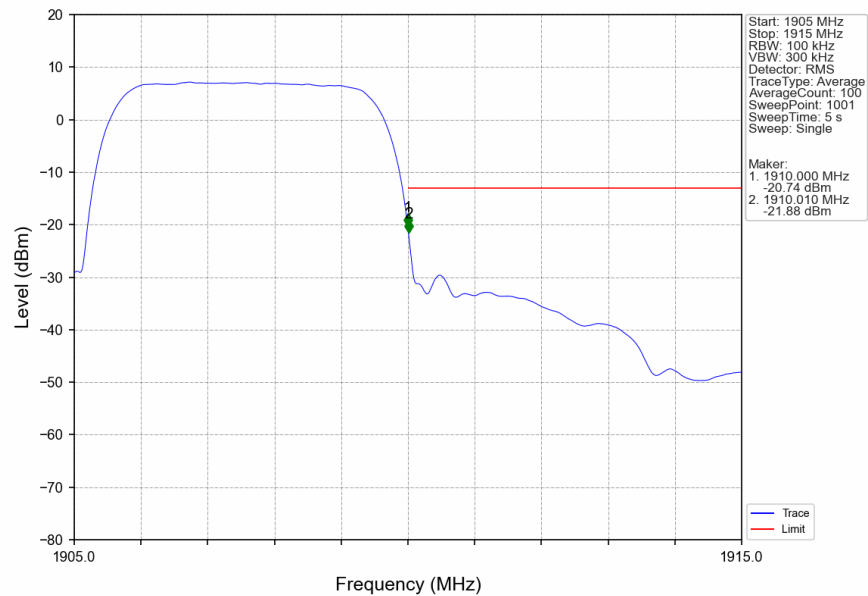




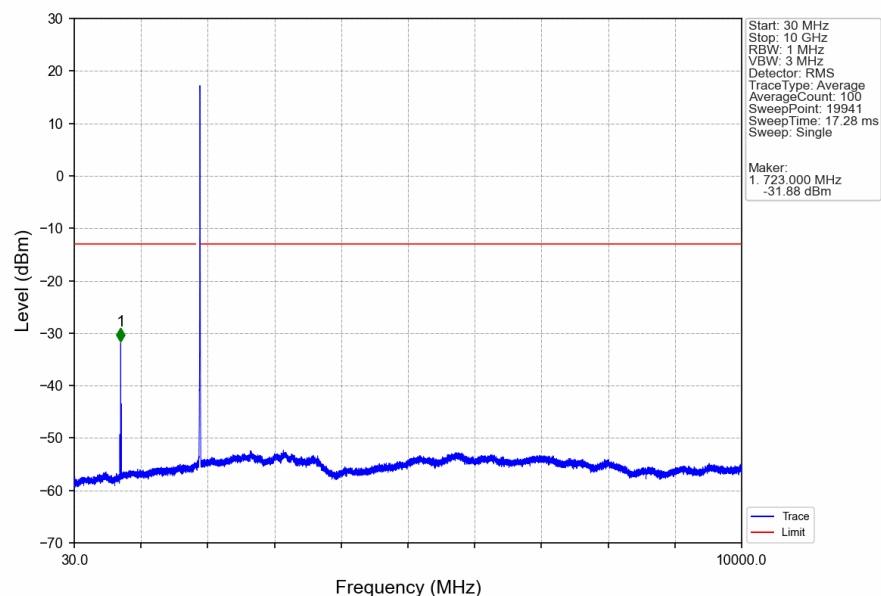
Band2_RMC_MCH_1880MHz_12.2kbps RMC_NTNV



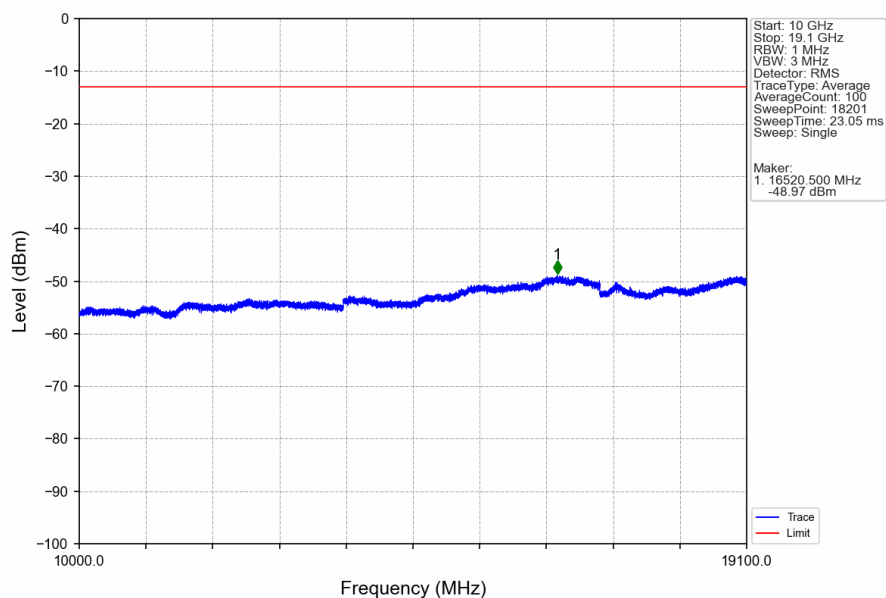
Band2_RMC_HCH_1907.6MHz_12.2kbps RMC_NTNV



Band2_RMC_HCH_1907.6MHz_12.2kbps RMC_NTNV



Band2_RMC_HCH_1907.6MHz_12.2kbps RMC_NTNV



- End of the Appendix -