

1. Effective (Isotropic) Radiated Power Output Data

1.1 Band II_EIRP(ANT41)

1.1.1 Test Result

Band II								
ENV	Mode		Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
	Network	Subset				Result	Limit	
NTNV	RMC	12.2kbps RMC	1852.4	23.54	-1.22	22.32	<=33.01	Pass
			1880	23.35	-1.22	22.13	<=33.01	Pass
			1907.6	23.39	-1.22	22.17	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 Band II

2.1.1 Test Result

Band II							
Network	Frequency (MHz)	Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
					Result	Limit	
RMC	1852.4	20	3.6	3.501	0.0019	/	Pass
			3.86	3.692	0.0020	/	Pass
			4.3	3.564	0.0019	/	Pass
		-30	3.86	3.760	0.0020	/	Pass
		-20	3.86	3.037	0.0016	/	Pass
		-10	3.86	3.294	0.0018	/	Pass
		0	3.86	3.832	0.0021	/	Pass
		10	3.86	3.550	0.0019	/	Pass
		30	3.86	4.074	0.0022	/	Pass
		40	3.86	4.059	0.0022	/	Pass
		50	3.86	3.982	0.0021	/	Pass
	1880	20	3.6	2.588	0.0014	/	Pass
			3.86	2.554	0.0014	/	Pass
			4.3	2.602	0.0014	/	Pass
		-30	3.86	2.350	0.0013	/	Pass
		-20	3.86	3.008	0.0016	/	Pass
		-10	3.86	3.074	0.0016	/	Pass
		0	3.86	2.905	0.0015	/	Pass
		10	3.86	2.699	0.0014	/	Pass
		30	3.86	2.681	0.0014	/	Pass
		40	3.86	2.655	0.0014	/	Pass
		50	3.86	2.634	0.0014	/	Pass
	1907.6	20	3.6	1.086	0.0006	/	Pass
			3.86	1.433	0.0008	/	Pass
			4.3	1.537	0.0008	/	Pass
		-30	3.86	1.201	0.0006	/	Pass
		-20	3.86	1.096	0.0006	/	Pass
		-10	3.86	1.353	0.0007	/	Pass
		0	3.86	1.105	0.0006	/	Pass
		10	3.86	0.653	0.0003	/	Pass
		30	3.86	1.166	0.0006	/	Pass
		40	3.86	1.099	0.0006	/	Pass

		50	3.85	1.211	0.0006	/	Pass
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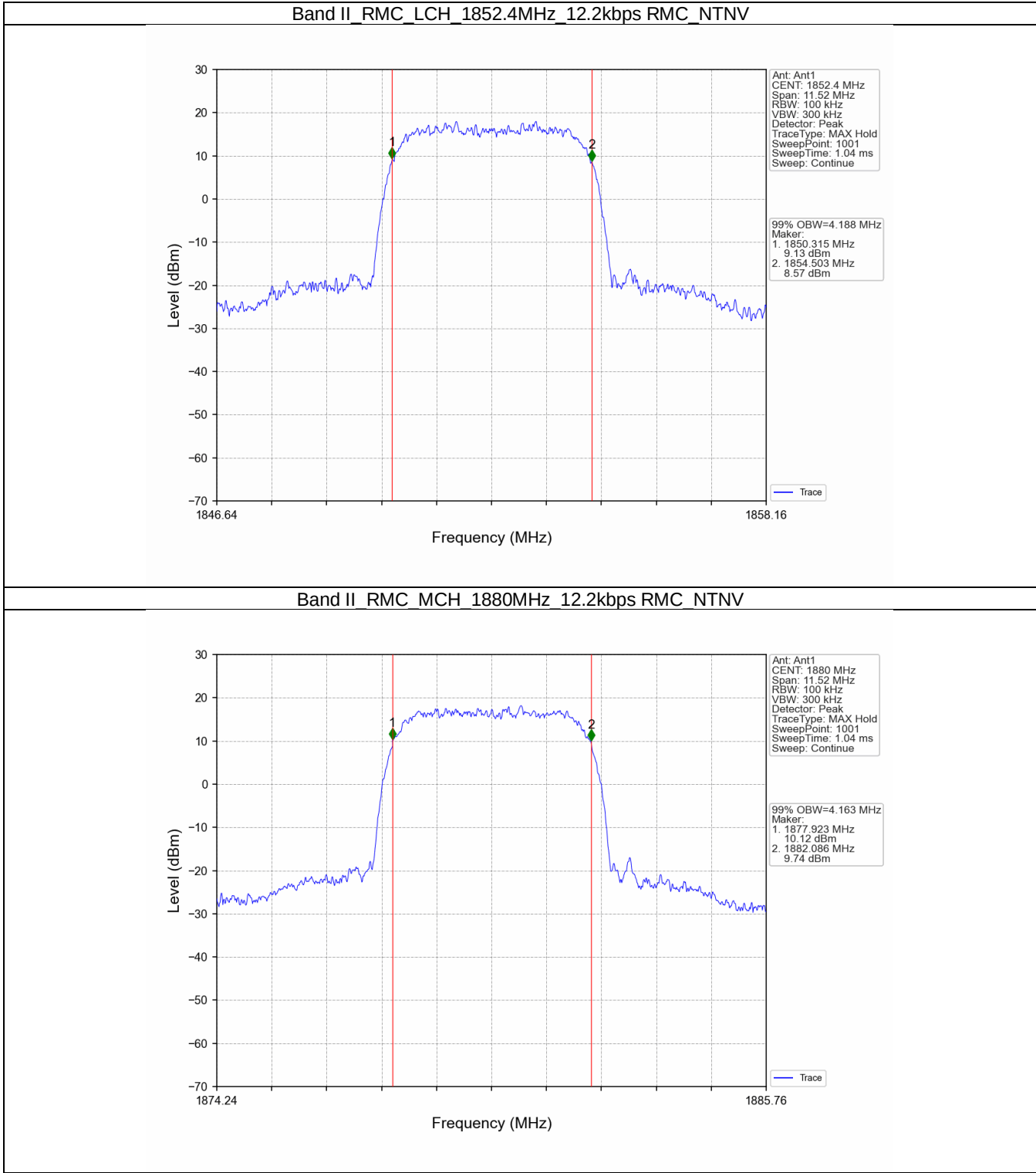
3. 99% & 26dB Bandwidth

3.1 Band II_OBW

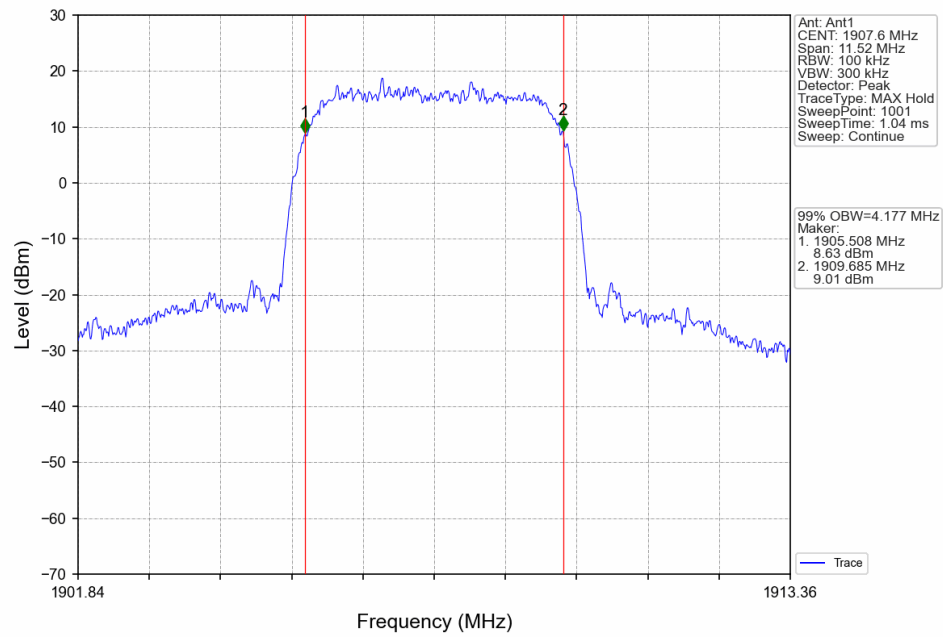
3.1.1 Test Result

Band II						
ENV	Mode		Frequency (MHz)	99% Occupied Bandwidth (MHz)		Verdict
	Network	Subset		Result	Limit	
NTNV	RMC	12.2kbps RMC	1852.4	4.188	/	Pass
			1880	4.163	/	Pass
			1907.6	4.177	/	Pass

3.1.2 Test Graph



Band II RMC HCH 1907.6MHz 12.2kbps RMC NTN

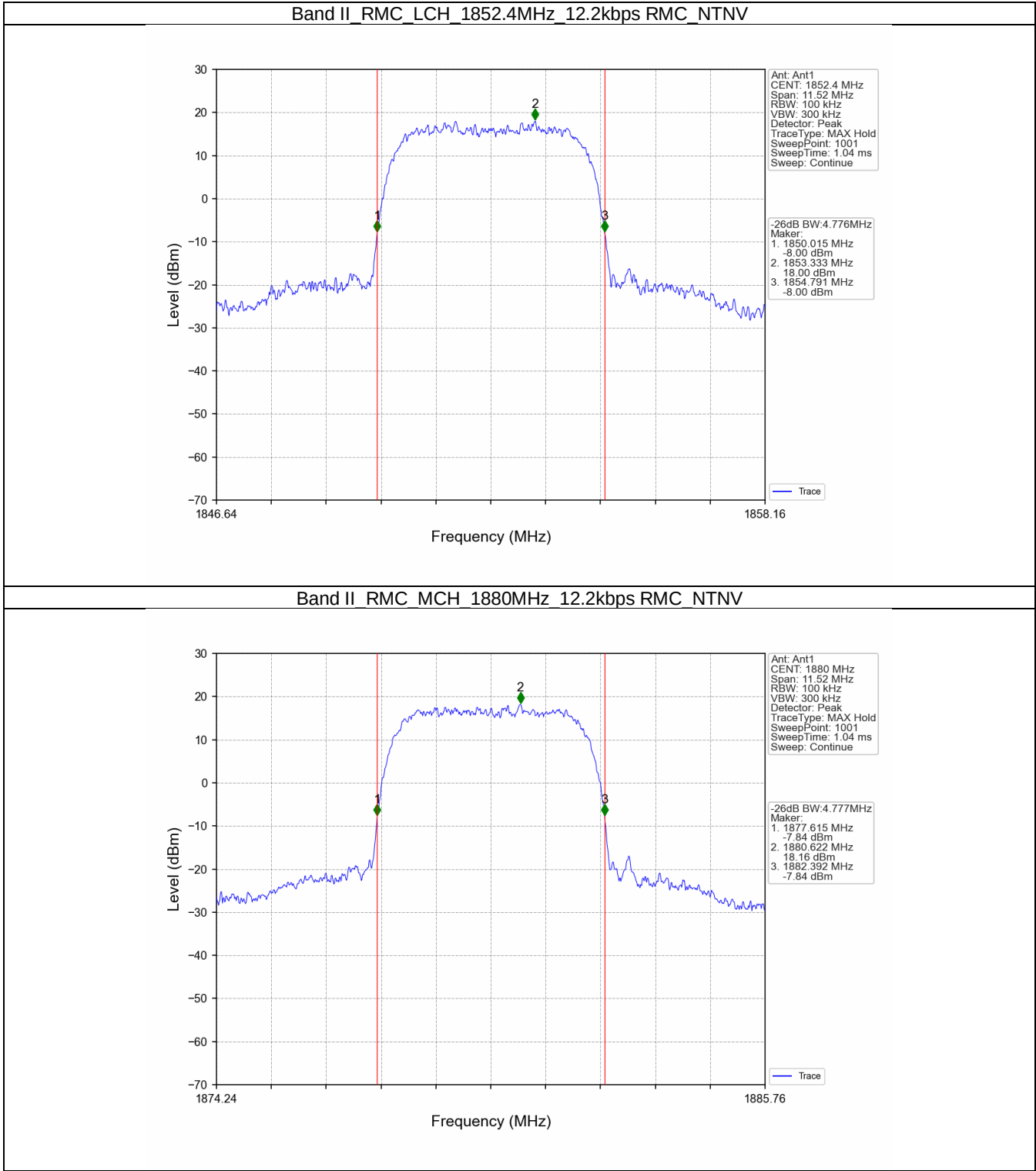


3.2 Band II_XDB

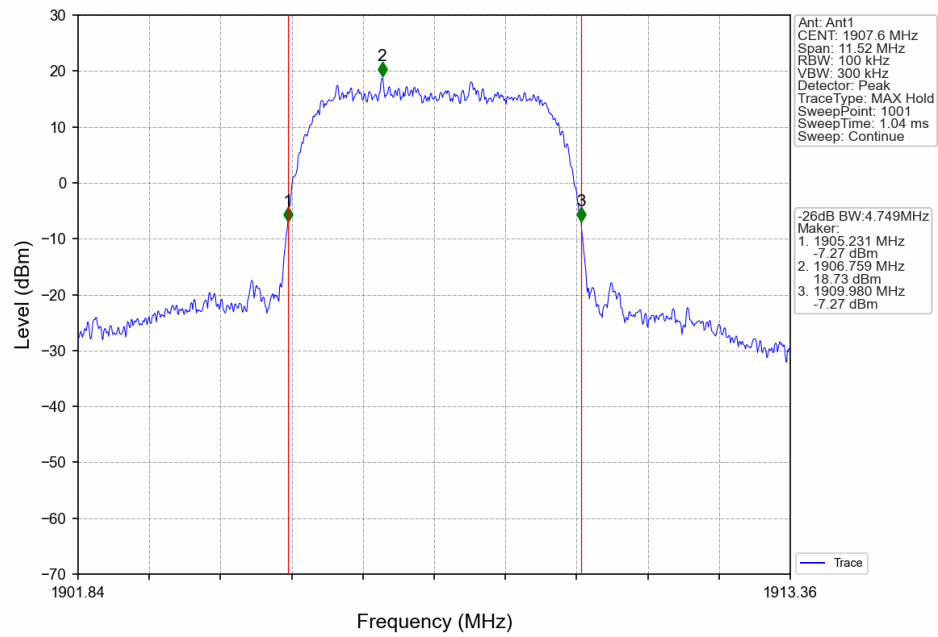
3.2.1 Test Result

Band II						
ENV	Mode		Frequency (MHz)	26dB Bandwidth (MHz)		Verdict
	Network	Subset		Result	Limit	
NTNV	RMC	12.2kbps RMC	1852.4	4.776	/	Pass
			1880	4.777	/	Pass
			1907.6	4.749	/	Pass

3.2.2 Test Graph



Band II RMC HCH 1907.6MHz 12.2kbps RMC NTN



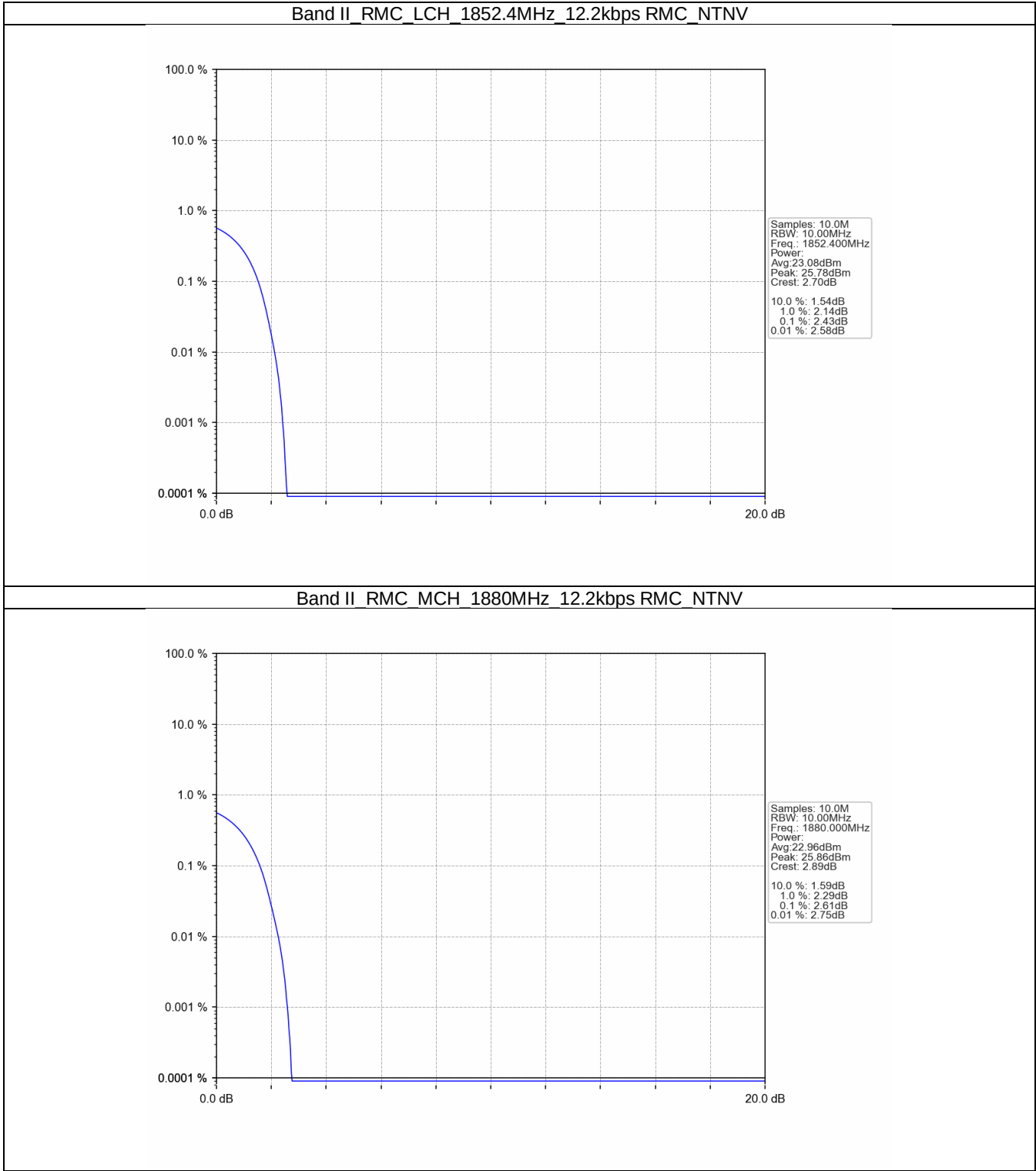
4. Peak-Average Ratio

4.1 Band II

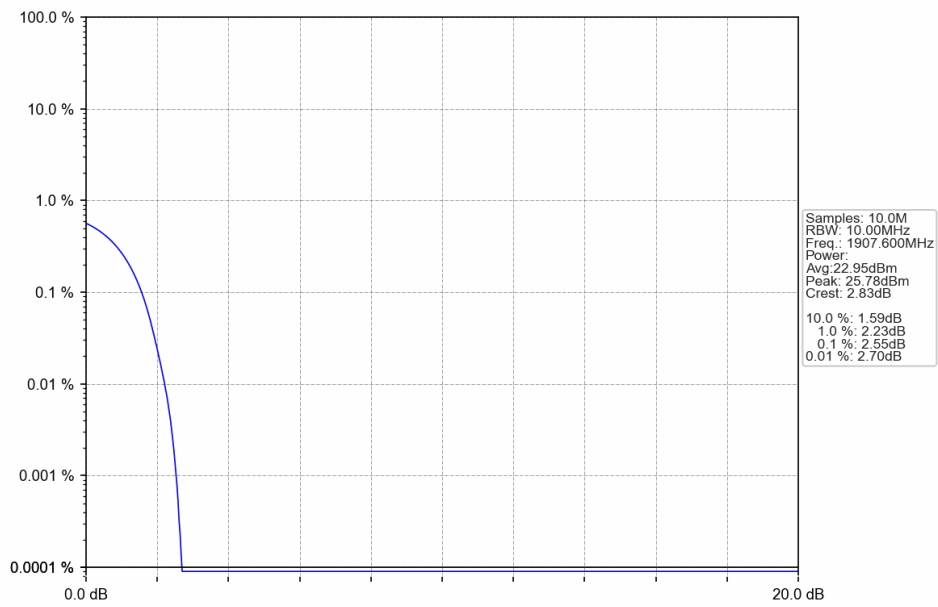
4.1.1 Test Result

Band II						
ENV	Mode		Frequency (MHz)	Peak-Average Ratio (dB)		Verdict
	Network	Subset		Result	Limit	
NTNV	RMC	12.2kbps RMC	1852.4	2.43	<=13	Pass
			1880	2.61	<=13	Pass
			1907.6	2.55	<=13	Pass

4.1.2 Test Graph



Band II RMC HCH 1907.6MHz 12.2kbps RMC NTNV



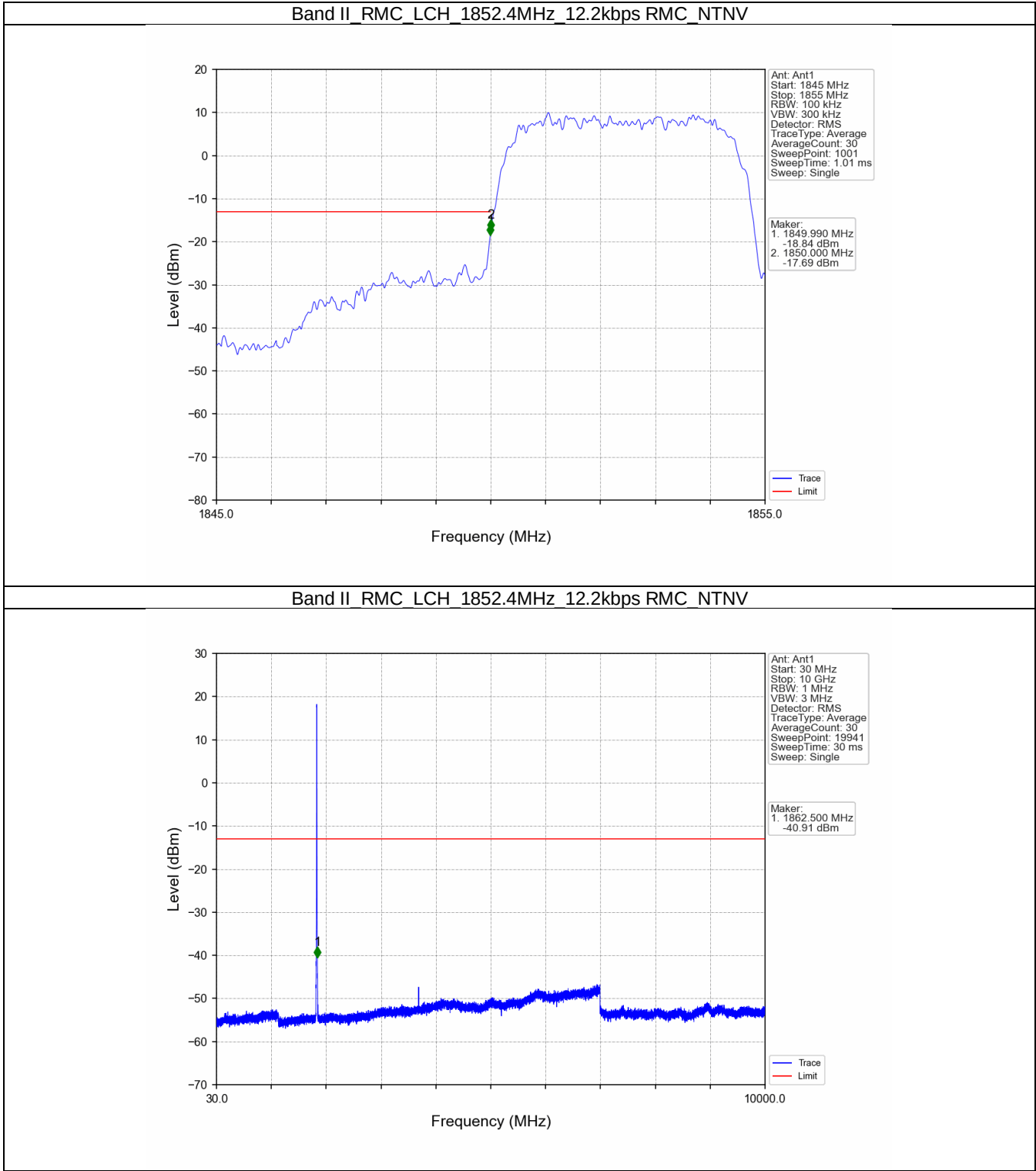
5. Spurious Emission & Band Edges

5.1 Band II

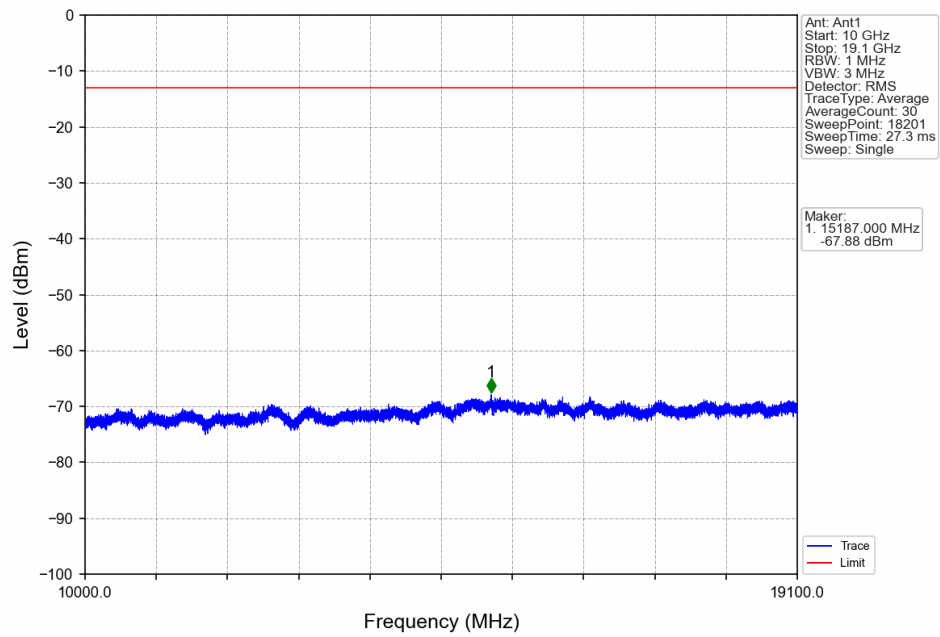
5.1.1 Test Result

Band II					
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

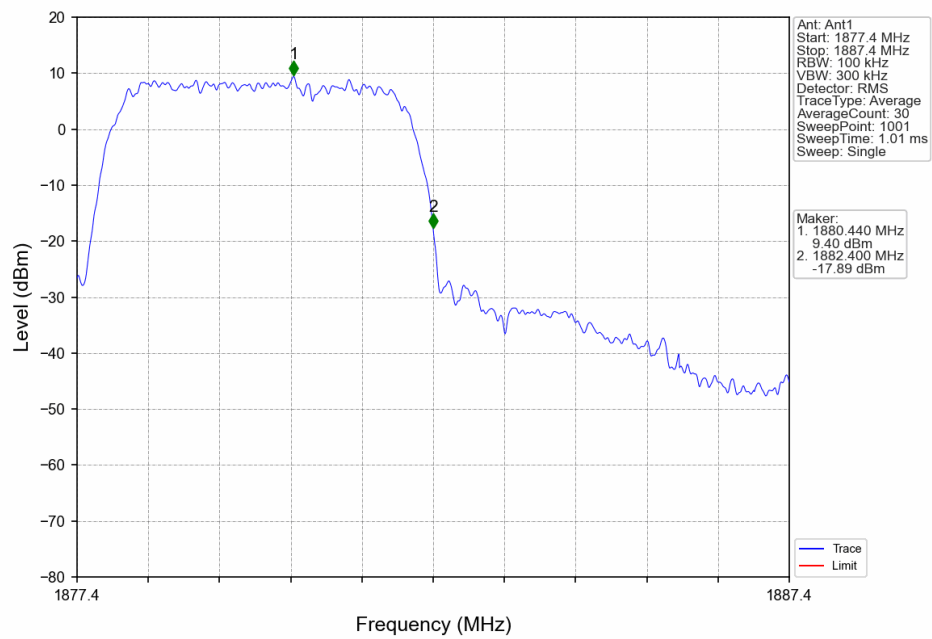
5.1.2 Test Graph



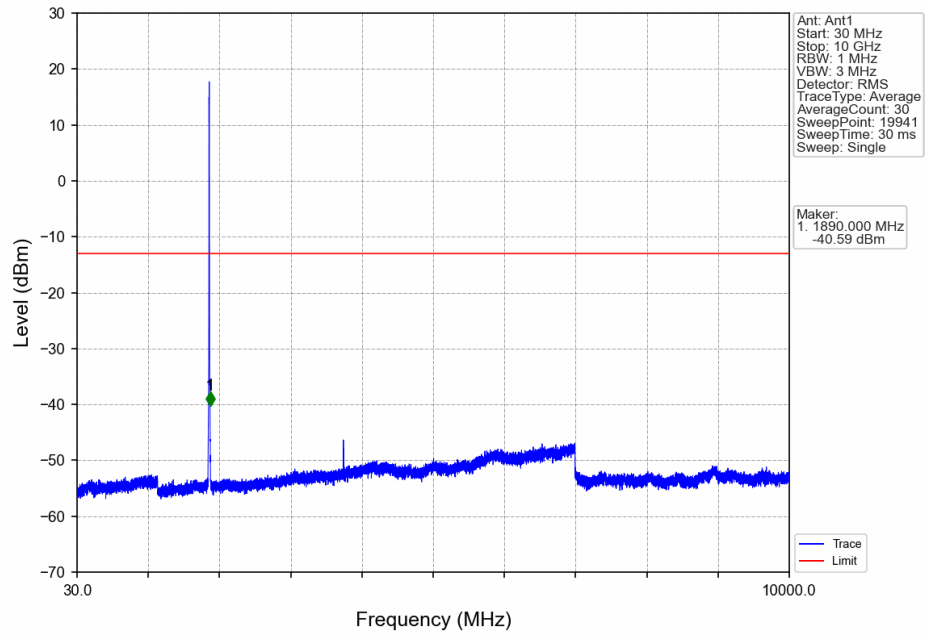
Band II_RMC_LCH_1852.4MHz_12.2kbps_RMC_NTNV



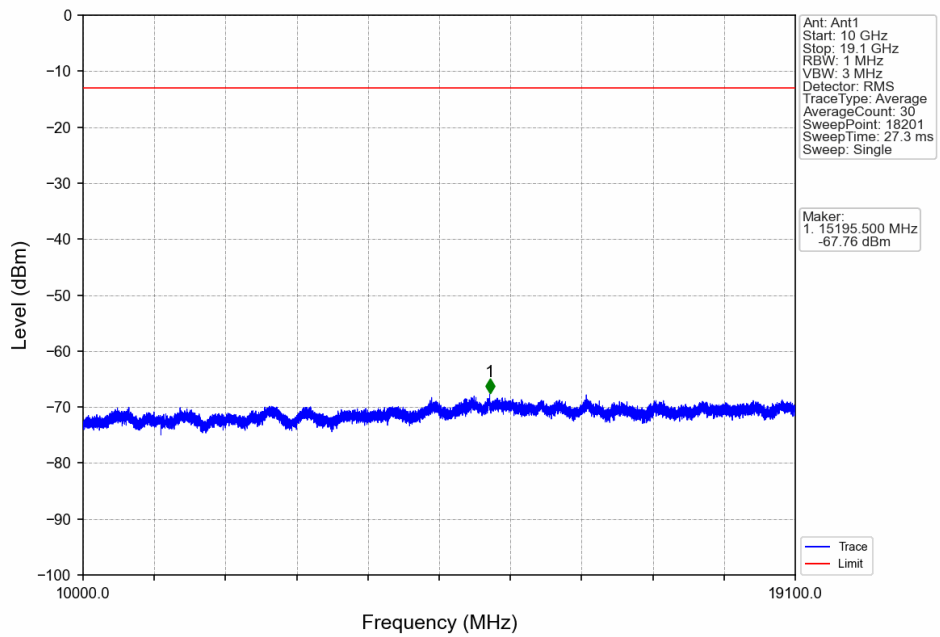
Band II_RMC_MCH_1880MHz_12.2kbps_RMC_NTNV



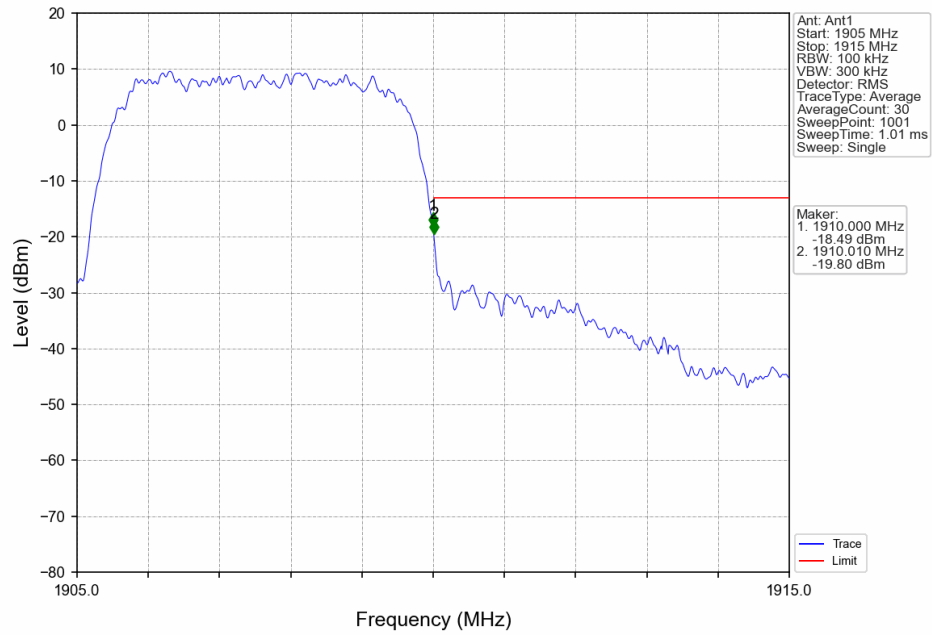
Band II_RMC_MCH_1880MHz_12.2kbps_RMC_NTNV



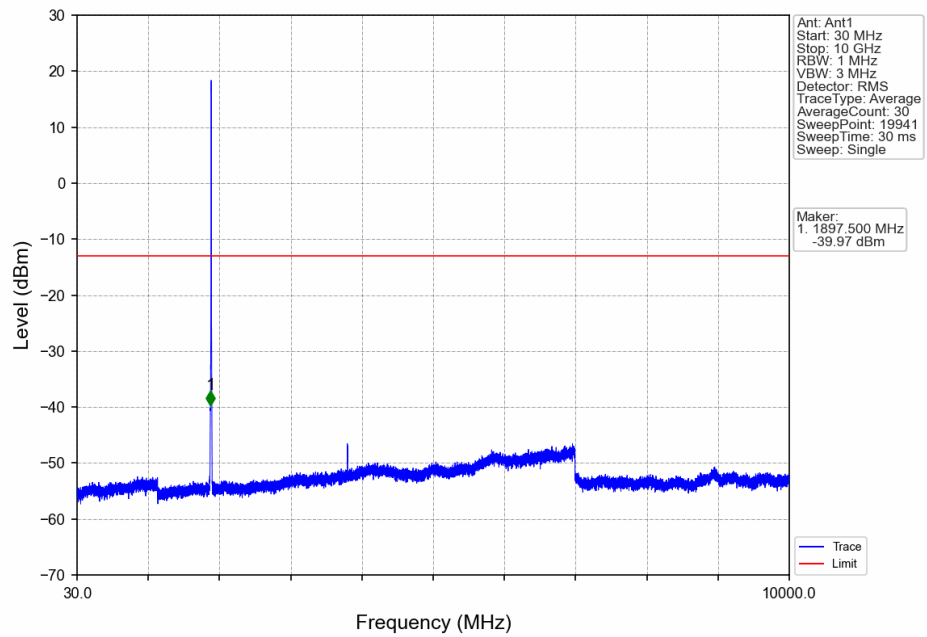
Band II_RMC_MCH_1880MHz_12.2kbps_RMC_NTNV



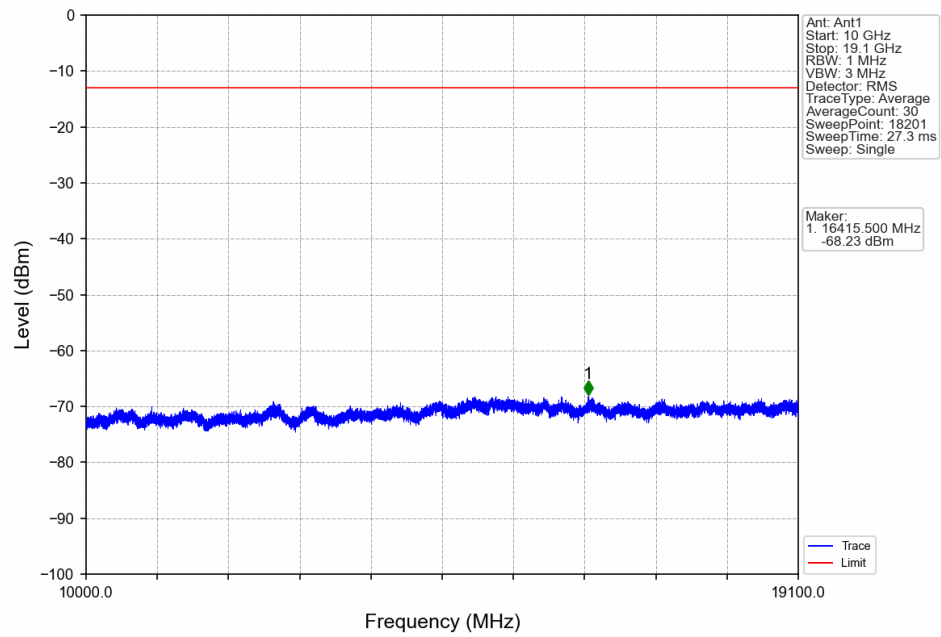
Band II_RMC_HCH_1907.6MHz_12.2kbps_RMC_NTNV



Band II_RMC_HCH_1907.6MHz_12.2kbps_RMC_NTNV



Band II RMC HCH 1907.6MHz 12.2kbps RMC NTN



6. Field Strength of Spurious Radiation

WCDMA Band II ANT41-Low channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3704.8	-66.62	-13	-53.62	-71.48	3.58	8.44	Horizontal	Pass
5557.2	-62.63	-13	-49.63	-68.34	4.74	10.45	Horizontal	Pass
7409.6	-60.58	-13	-47.58	-67.27	4.94	11.63	Horizontal	Pass
3704.8	-66.6	-13	-53.6	-71.46	3.58	8.44	Vertical	Pass
5557.2	-62.57	-13	-49.57	-68.28	4.74	10.45	Vertical	Pass
7409.6	-59.98	-13	-46.98	-66.67	4.94	11.63	Vertical	Pass

WCDMA Band II ANT41-Middle channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3760.0	-66.14	-13	-53.14	-71.03	3.63	8.52	Horizontal	Pass
5640.0	-62.39	-13	-49.39	-68.09	4.75	10.45	Horizontal	Pass
7520.0	-60.67	-13	-47.67	-67.49	4.94	11.76	Horizontal	Pass
3760.0	-66.37	-13	-53.37	-71.26	3.63	8.52	Vertical	Pass
5640.0	-62.31	-13	-49.31	-68.01	4.75	10.45	Vertical	Pass
7520.0	-60.33	-13	-47.33	-67.15	4.94	11.76	Vertical	Pass

WCDMA Band II ANT41-High channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3815.2	-66.01	-13	-53.01	-70.92	3.68	8.59	Horizontal	Pass
5722.8	-60.88	-13	-47.88	-66.57	4.76	10.45	Horizontal	Pass
7630.4	-60.19	-13	-47.19	-67.13	4.95	11.89	Horizontal	Pass
3815.2	-66.08	-13	-53.08	-70.99	3.68	8.59	Vertical	Pass
5722.8	-62.3	-13	-49.3	-67.99	4.76	10.45	Vertical	Pass
7630.4	-60.02	-13	-47.02	-66.96	4.95	11.89	Vertical	Pass

1) All antennas of RSE are tested, and only the worst data is presented.

---End of Attachment---