

1. Conducted Output Power Data

1.1 Band2_Power

1.1.1 Test Result

Band: 2						
ENV	Mode		Frequency (MHz)	Conducted Power (dBm)	Limit	Verdict
	Network	Subset				
NTNV	HSDPA	Subtest 1	1852.4	20.26	<=33.01	Pass
		Subtest 2	1852.4	20.26	<=33.01	Pass
		Subtest 3	1852.4	20.23	<=33.01	Pass
		Subtest 4	1852.4	20.28	<=33.01	Pass
		Subtest 1	1880	20.18	<=33.01	Pass
		Subtest 2	1880	20.19	<=33.01	Pass
		Subtest 3	1880	20.20	<=33.01	Pass
		Subtest 4	1880	20.22	<=33.01	Pass
		Subtest 1	1907.6	20.16	<=33.01	Pass
		Subtest 2	1907.6	20.15	<=33.01	Pass
		Subtest 3	1907.6	20.15	<=33.01	Pass
		Subtest 4	1907.6	20.16	<=33.01	Pass
	HSUPA	Subtest 1	1852.4	18.27	<=33.01	Pass
		Subtest 2	1852.4	18.26	<=33.01	Pass
		Subtest 3	1852.4	17.87	<=33.01	Pass
		Subtest 4	1852.4	17.67	<=33.01	Pass
		Subtest 5	1852.4	17.87	<=33.01	Pass
		Subtest 1	1880	18.15	<=33.01	Pass
		Subtest 2	1880	17.78	<=33.01	Pass
		Subtest 3	1880	17.76	<=33.01	Pass
		Subtest 4	1880	17.67	<=33.01	Pass
		Subtest 5	1880	17.56	<=33.01	Pass
		Subtest 1	1907.6	18.06	<=33.01	Pass
		Subtest 2	1907.6	17.49	<=33.01	Pass
		Subtest 3	1907.6	18.10	<=33.01	Pass
		Subtest 4	1907.6	18.08	<=33.01	Pass
		Subtest 5	1907.6	17.61	<=33.01	Pass

2. Frequency Stability

2.1 Band2

2.1.1 Test Result

Band: 2							
Network	Frequency (MHz)	Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
					Result	Limit	
HSDPA	1852.4	20	3.27	-45.948	-0.0248	-2.5 to 2.5	Pass
			3.85	-34.361	-0.0185	-2.5 to 2.5	Pass
			4.43	-36.879	-0.0199	-2.5 to 2.5	Pass
		-30	3.85	-26.693	-0.0144	-2.5 to 2.5	Pass
		-20	3.85	-21.472	-0.0116	-2.5 to 2.5	Pass
		-10	3.85	-18.368	-0.0099	-2.5 to 2.5	Pass
		0	3.85	-13.082	-0.0071	-2.5 to 2.5	Pass
		10	3.85	-6.423	-0.0035	-2.5 to 2.5	Pass
		30	3.85	-17.295	-0.0093	-2.5 to 2.5	Pass
		40	3.85	-12.860	-0.0069	-2.5 to 2.5	Pass
		50	3.85	-9.806	-0.0053	-2.5 to 2.5	Pass
	1880	20	3.27	-16.279	-0.0087	-2.5 to 2.5	Pass
			3.85	-18.539	-0.0099	-2.5 to 2.5	Pass
			4.43	-7.811	-0.0042	-2.5 to 2.5	Pass
		-30	3.85	-5.221	-0.0028	-2.5 to 2.5	Pass
		-20	3.85	-2.890	-0.0015	-2.5 to 2.5	Pass
		-10	3.85	-5.736	-0.0031	-2.5 to 2.5	Pass
		0	3.85	-6.638	-0.0035	-2.5 to 2.5	Pass
		10	3.85	-8.640	-0.0046	-2.5 to 2.5	Pass
		30	3.85	-7.610	-0.0040	-2.5 to 2.5	Pass
		40	3.85	-13.962	-0.0074	-2.5 to 2.5	Pass
		50	3.85	-18.926	-0.0101	-2.5 to 2.5	Pass
	1907.6	20	3.27	-15.485	-0.0081	-2.5 to 2.5	Pass
			3.85	-40.998	-0.0215	-2.5 to 2.5	Pass
			4.43	-32.558	-0.0171	-2.5 to 2.5	Pass
		-30	3.85	-30.820	-0.0162	-2.5 to 2.5	Pass
		-20	3.85	-28.317	-0.0148	-2.5 to 2.5	Pass
		-10	3.85	-25.699	-0.0135	-2.5 to 2.5	Pass
		0	3.85	-24.226	-0.0127	-2.5 to 2.5	Pass
		10	3.85	-19.562	-0.0103	-2.5 to 2.5	Pass
		30	3.85	-19.248	-0.0101	-2.5 to 2.5	Pass
		40	3.85	-25.334	-0.0133	-2.5 to 2.5	Pass
		50	3.85	-19.212	-0.0101	-2.5 to 2.5	Pass
HSUPA	1852.4	20	3.27	-43.530	-0.0235	-2.5 to 2.5	Pass
			3.85	-38.352	-0.0207	-2.5 to 2.5	Pass
			4.43	-33.703	-0.0182	-2.5 to 2.5	Pass
		-30	3.85	-29.712	-0.0160	-2.5 to 2.5	Pass
		-20	3.85	-24.233	-0.0131	-2.5 to 2.5	Pass
		-10	3.85	-24.626	-0.0133	-2.5 to 2.5	Pass
		0	3.85	-24.362	-0.0132	-2.5 to 2.5	Pass
		10	3.85	-19.062	-0.0103	-2.5 to 2.5	Pass
		30	3.85	-18.590	-0.0100	-2.5 to 2.5	Pass
		40	3.85	-20.342	-0.0110	-2.5 to 2.5	Pass
		50	3.85	-17.359	-0.0094	-2.5 to 2.5	Pass
	1880	20	3.27	-3.004	-0.0016	-2.5 to 2.5	Pass
			3.85	-16.279	-0.0087	-2.5 to 2.5	Pass
			4.43	-18.203	-0.0097	-2.5 to 2.5	Pass
		-30	3.85	-17.223	-0.0092	-2.5 to 2.5	Pass
		-20	3.85	-14.913	-0.0079	-2.5 to 2.5	Pass

		-10	3.85	-18.983	-0.0101	-2.5 to 2.5	Pass
		0	3.85	-15.221	-0.0081	-2.5 to 2.5	Pass
		10	3.85	-18.640	-0.0099	-2.5 to 2.5	Pass
		30	3.85	-16.823	-0.0089	-2.5 to 2.5	Pass
		40	3.85	-13.261	-0.0071	-2.5 to 2.5	Pass
		50	3.85	-12.095	-0.0064	-2.5 to 2.5	Pass
	1907.6	20	3.27	-10.657	-0.0056	-2.5 to 2.5	Pass
			3.85	-15.764	-0.0083	-2.5 to 2.5	Pass
			4.43	-11.251	-0.0059	-2.5 to 2.5	Pass
		-30	3.85	-14.534	-0.0076	-2.5 to 2.5	Pass
		-20	3.85	-18.847	-0.0099	-2.5 to 2.5	Pass
		-10	3.85	-16.015	-0.0084	-2.5 to 2.5	Pass
		0	3.85	-17.009	-0.0089	-2.5 to 2.5	Pass
		10	3.85	-11.158	-0.0058	-2.5 to 2.5	Pass
		30	3.85	-13.990	-0.0073	-2.5 to 2.5	Pass
		40	3.85	-14.427	-0.0076	-2.5 to 2.5	Pass
		50	3.85	-10.264	-0.0054	-2.5 to 2.5	Pass

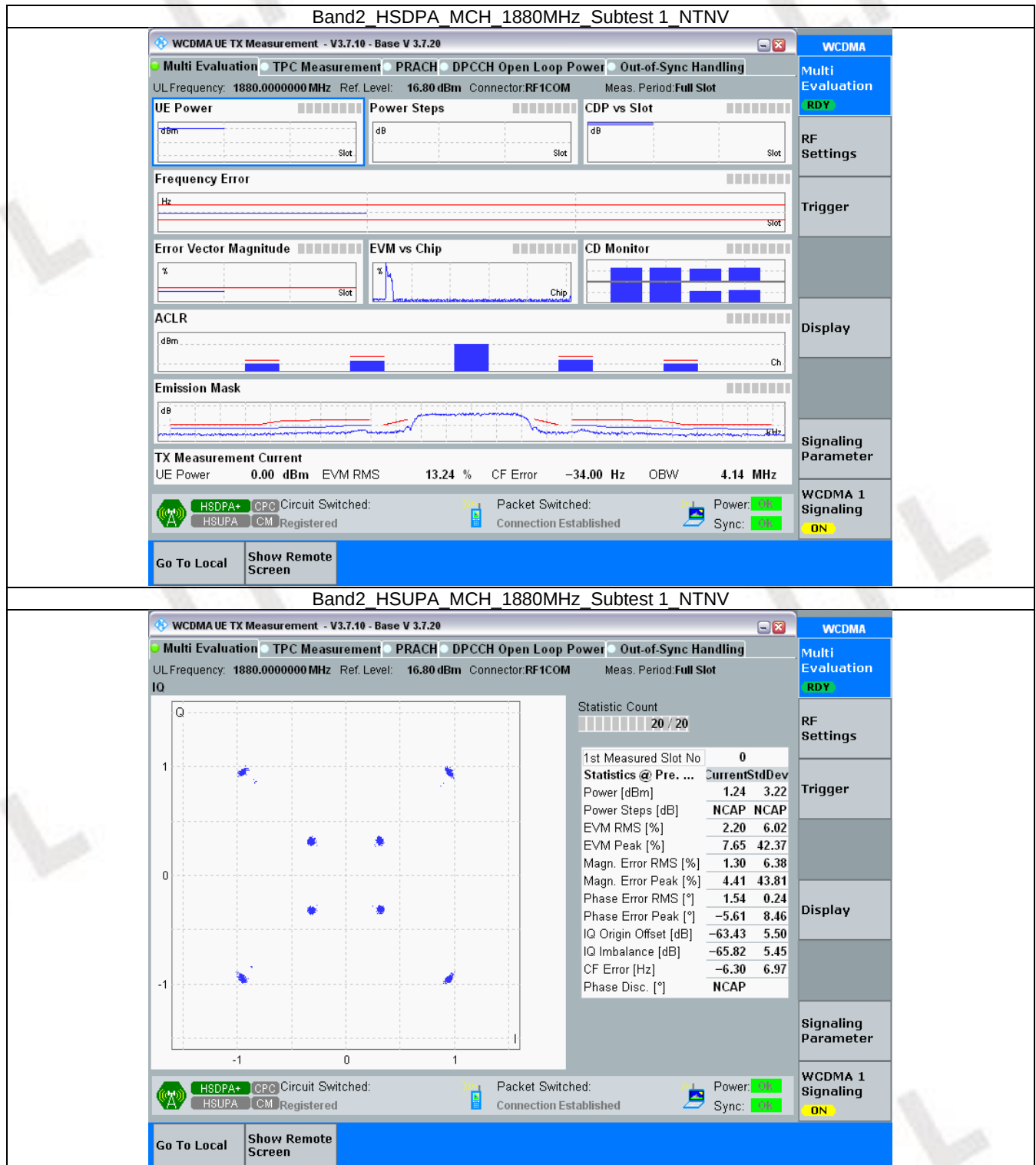
3. Modulation Characteristics

3.1 Band2

3.1.1 Test Result

Band: 2					
ENV	Mode		Frequency (MHz)	Modulation Characteristics	
	Network	Subset		Result	Limit
NTNV	HSDPA	Subtest 1	1880	Refer To Test Graph	Pass
	HSUPA	Subtest 1	1880	Refer To Test Graph	Pass

3.1.2 Test Graph



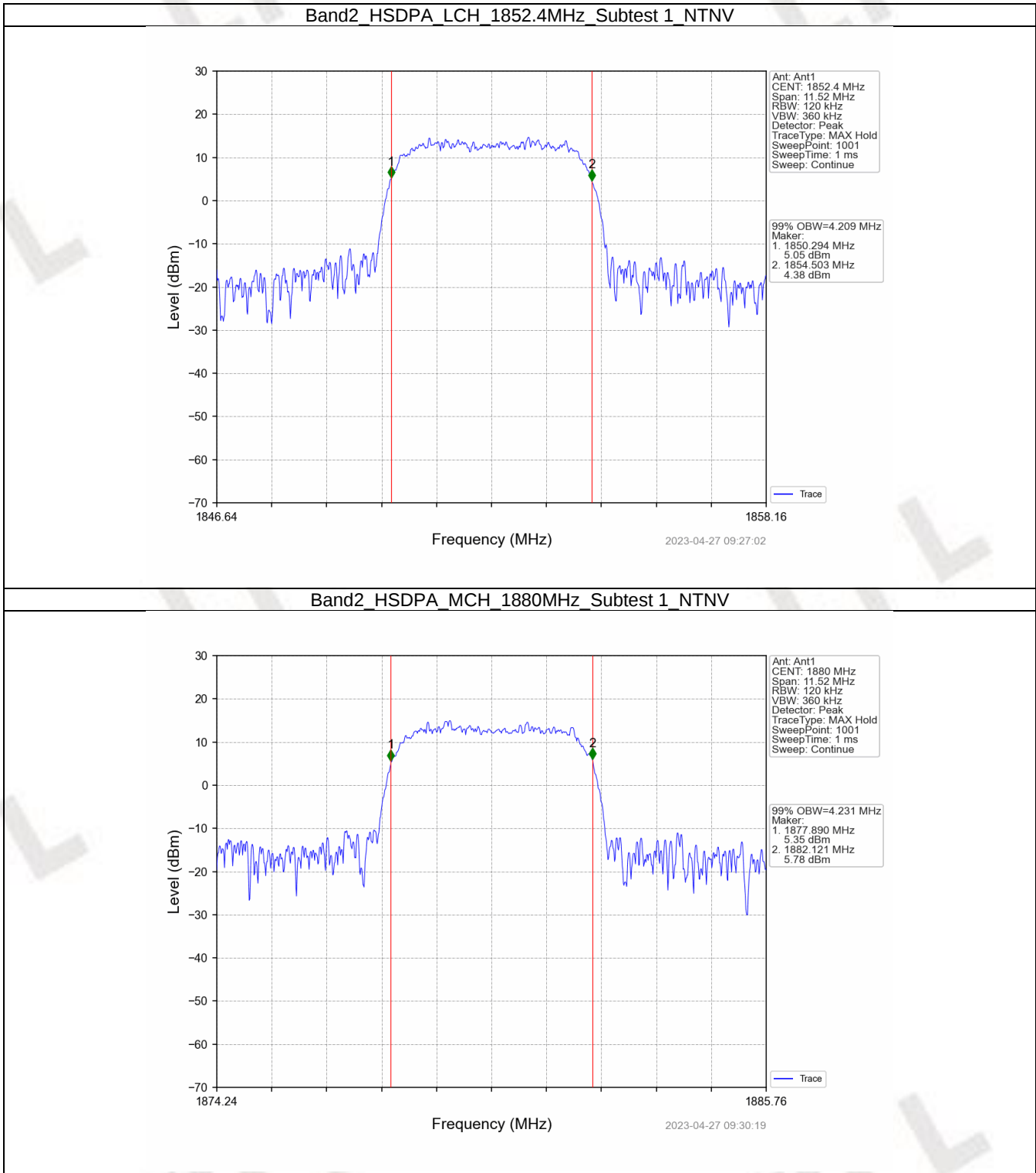
4. 99% & 26dB Bandwidth

4.1 Band2_OBW

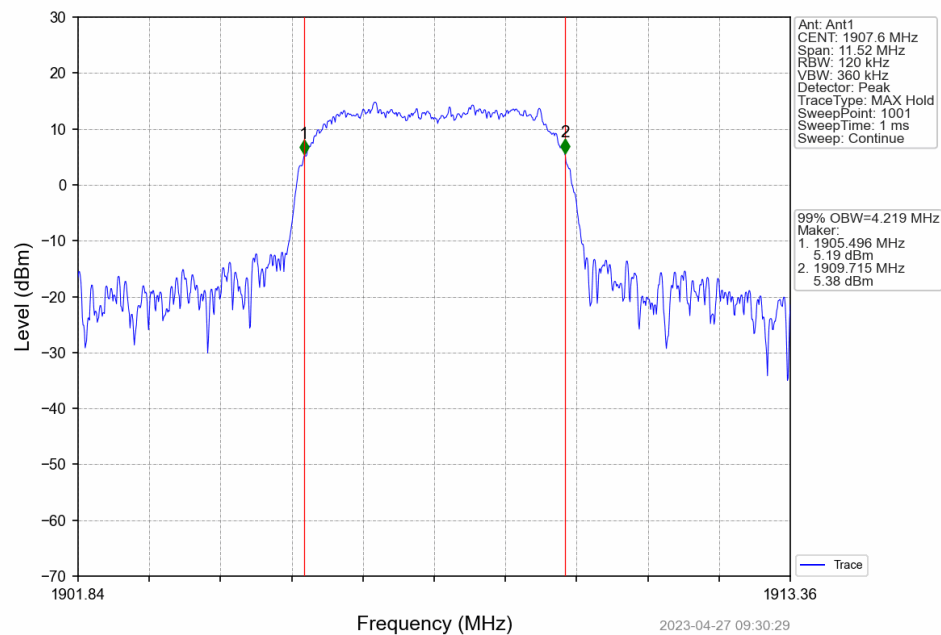
4.1.1 Test Result

Band: 2					
ENV	Mode		Frequency (MHz)	99% Occupied Bandwidth (MHz)	Verdict
	Network	Subset		Result	
NTNV	HSDPA	Subtest 1	1852.4	4.209	Pass
			1880	4.231	Pass
			1907.6	4.219	Pass
	HSUPA	Subtest 1	1852.4	4.216	Pass
			1880	4.225	Pass
			1907.6	4.223	Pass

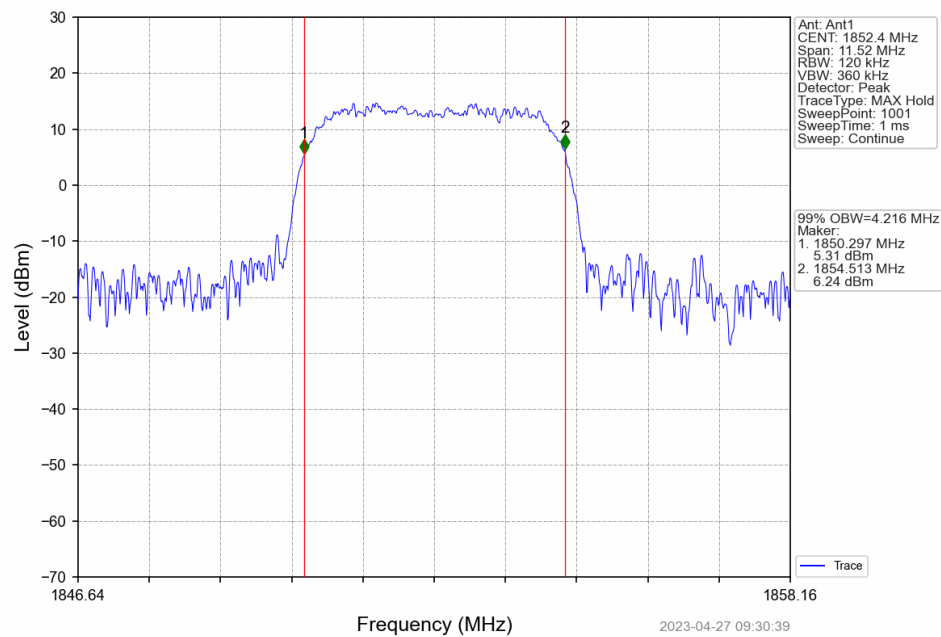
4.1.2 Test Graph



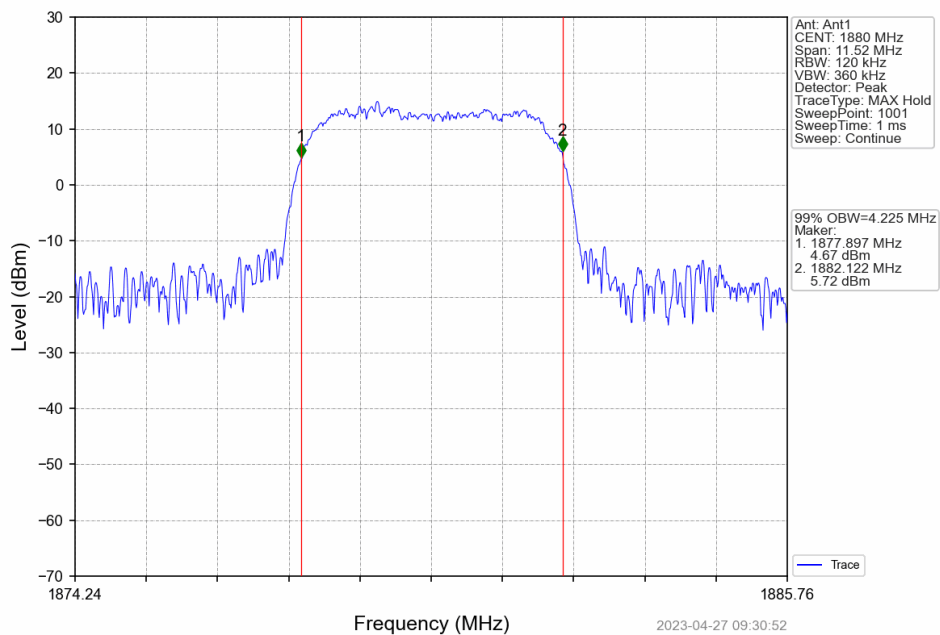
Band2 HSDPA HCH 1907.6MHz Subtest 1 NTN



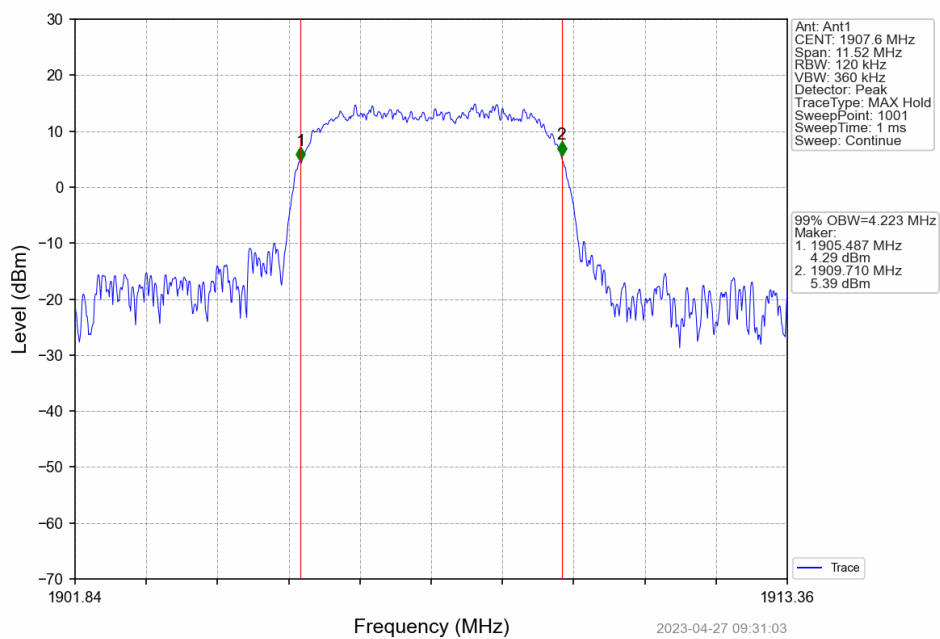
Band2_HSUPA_LCH_1852.4MHz_Subtest 1 NTN



Band2 HSUPA MCH 1880MHz Subtest 1 NTN



Band2 HSUPA HCH 1907.6MHz Subtest 1 NTN

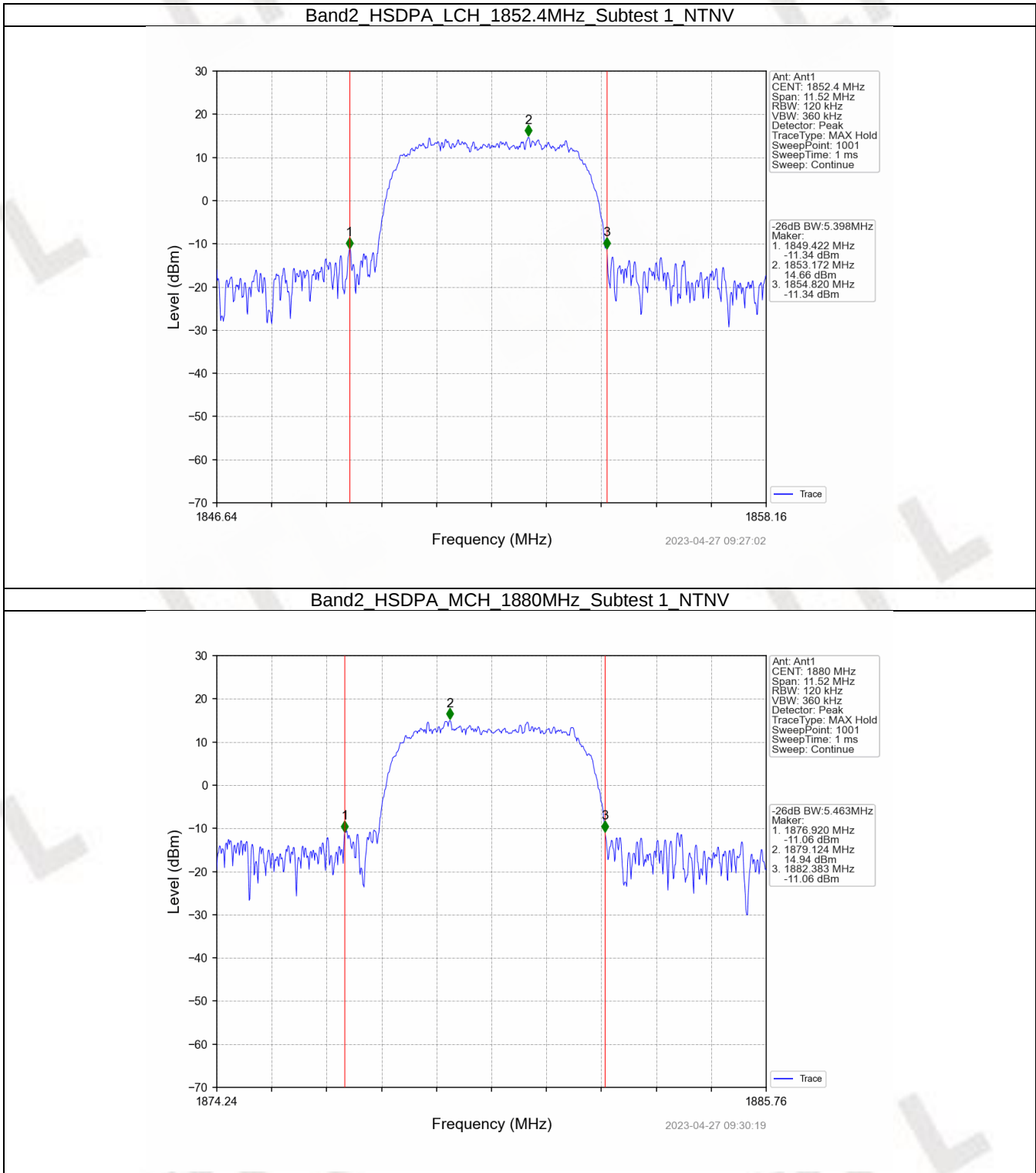


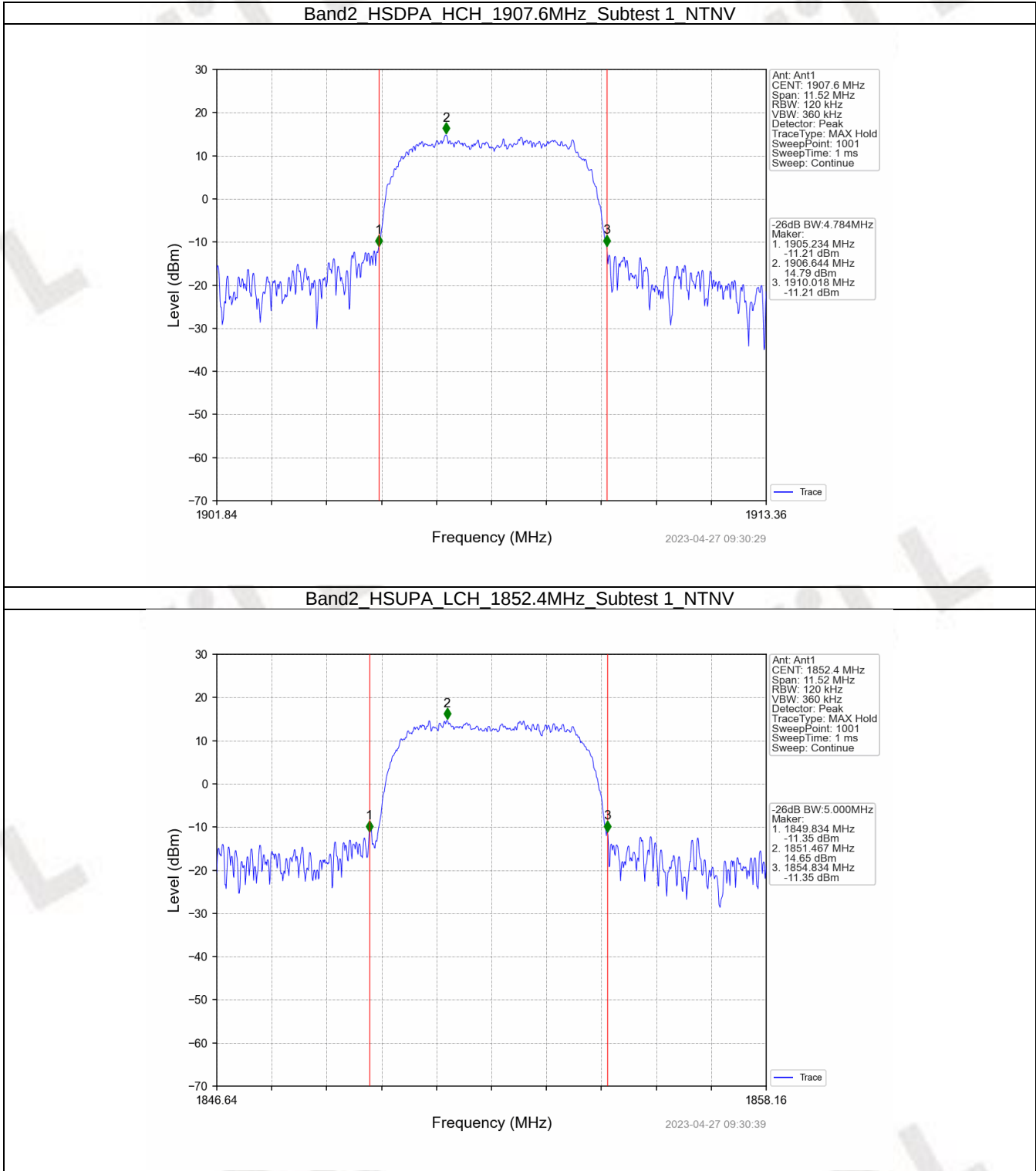
4.2 Band2_XDB

4.2.1 Test Result

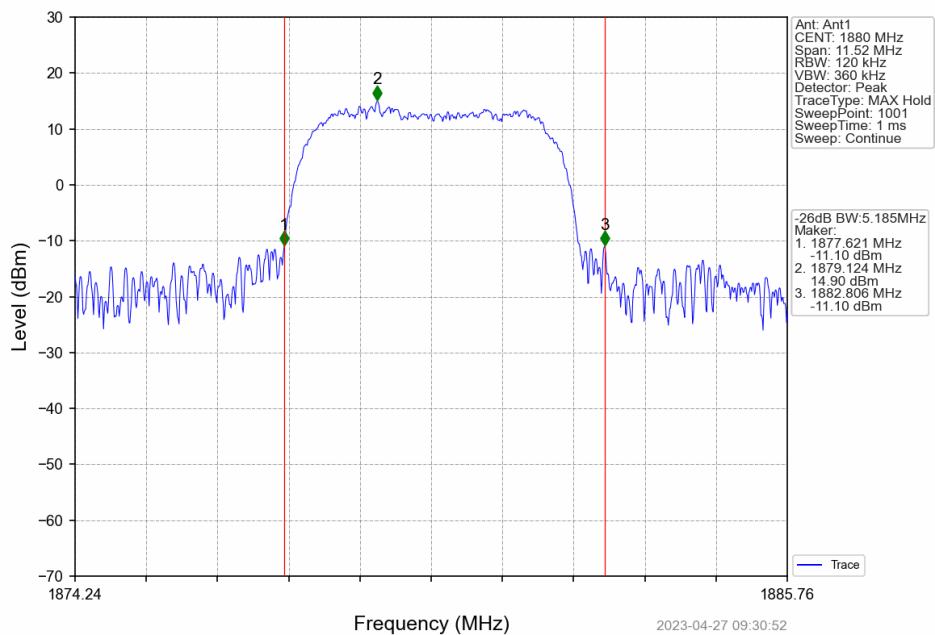
Band: 2					
ENV	Mode		Frequency (MHz)	26dB Bandwidth (MHz)	Verdict
	Network	Subset		Result	
NTNV	HSDPA	Subtest 1	1852.4	5.398	Pass
			1880	5.463	Pass
			1907.6	4.784	Pass
	HSUPA	Subtest 1	1852.4	5.000	Pass
			1880	5.185	Pass
			1907.6	5.436	Pass

4.2.2 Test Graph

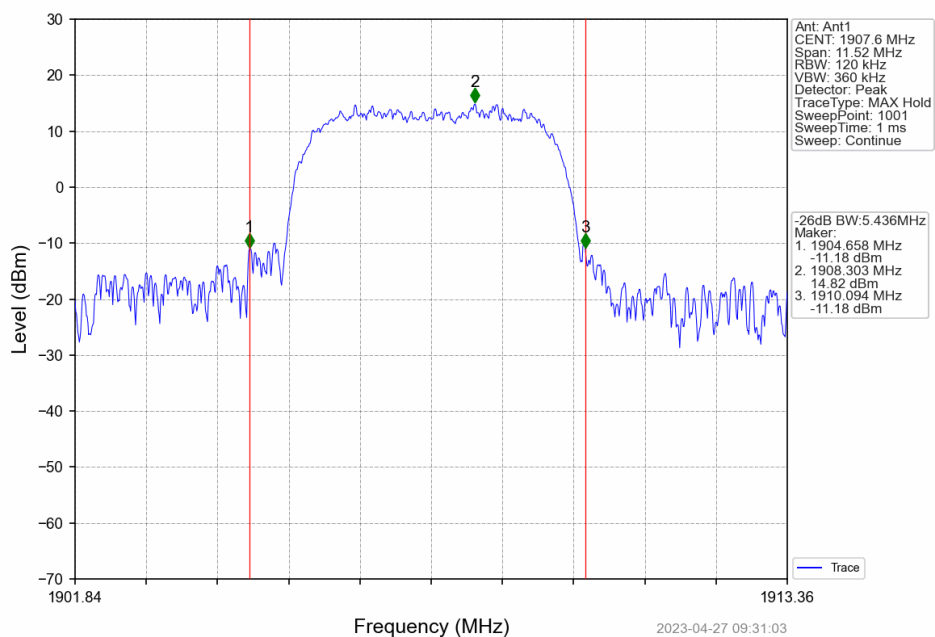




Band2 HSUPA MCH 1880MHz Subtest 1 NTN



Band2 HSUPA HCH 1907.6MHz Subtest 1 NTN



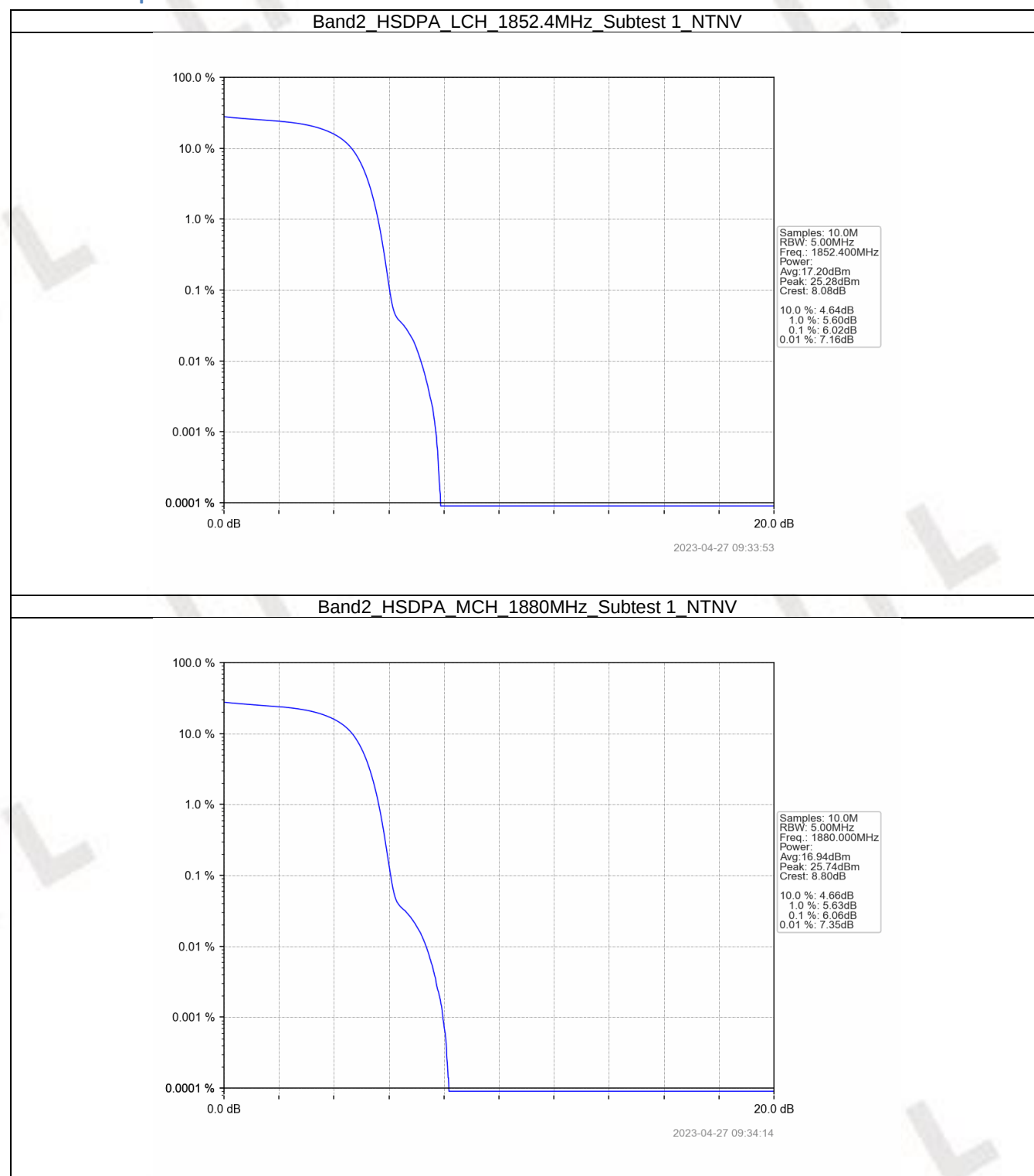
5. Peak-Average Ratio

5.1 Band2

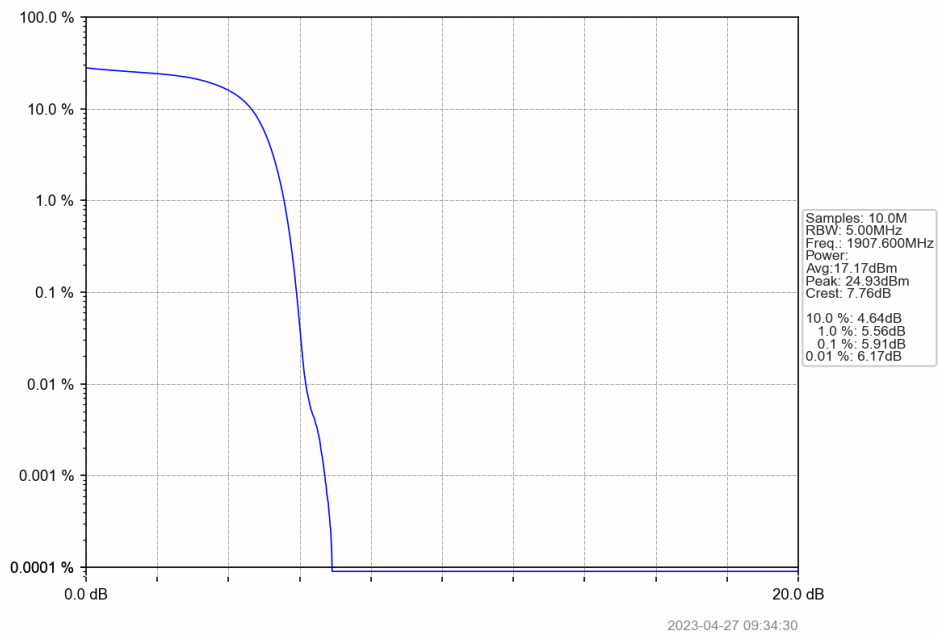
5.1.1 Test Result

Band: 2						
ENV	Mode		Frequency (MHz)	Peak-Average Ratio (dB)		Verdict
	Network	Subset		Result	Limit	
NTNV	HSDPA	Subtest 1	1852.4	6.02	<=13	Pass
			1880	6.06	<=13	Pass
			1907.6	5.91	<=13	Pass
	HSUPA	Subtest 1	1852.4	5.96	<=13	Pass
			1880	6.01	<=13	Pass
			1907.6	5.86	<=13	Pass

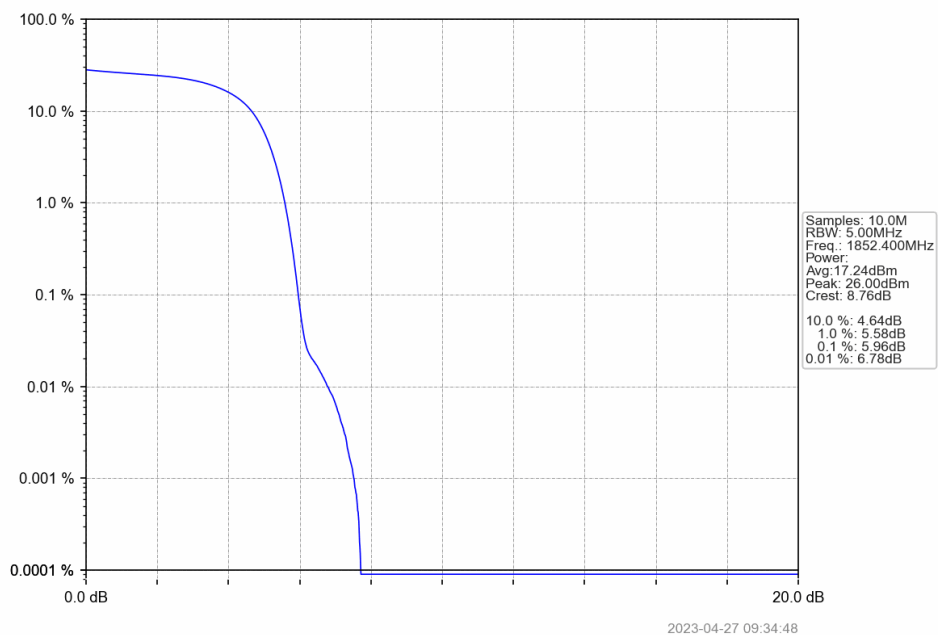
5.1.2 Test Graph



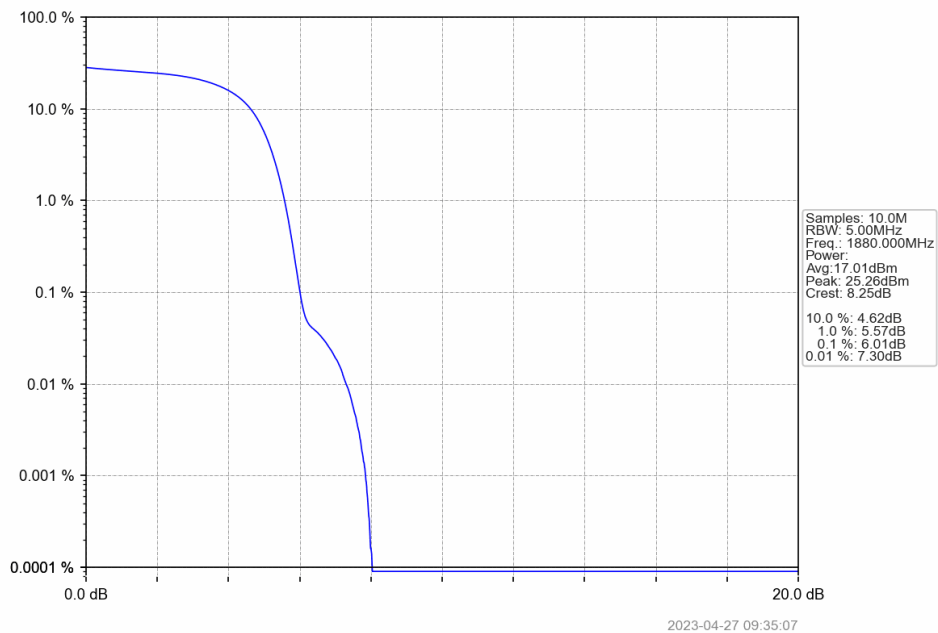
Band2 HSDPA HCH 1907.6MHz Subtest 1 NTNV



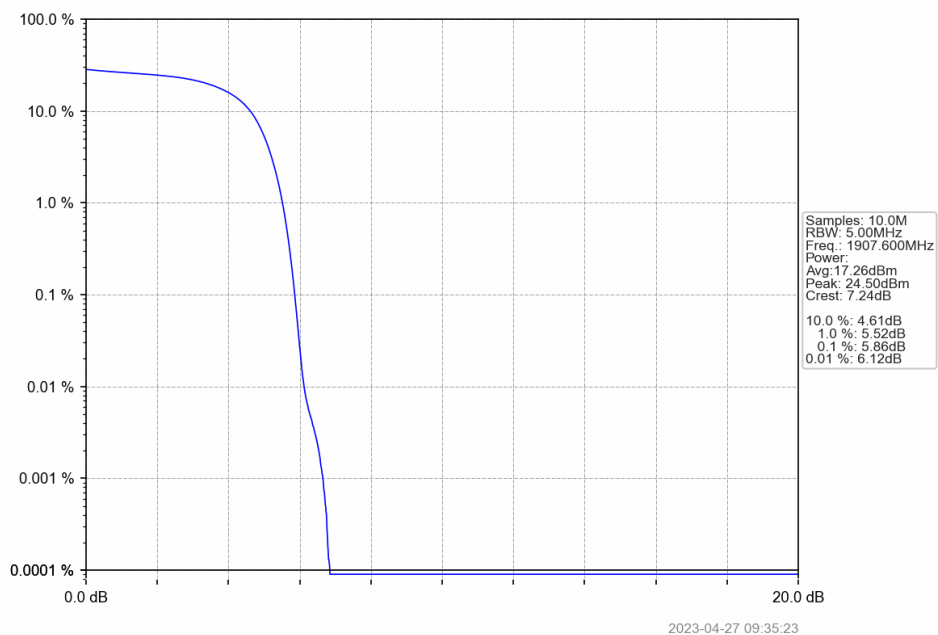
Band2 HSUPA LCH 1852.4MHz Subtest 1 NTNV



Band2_HSUPA_MCH_1880MHz_Subtest 1_NTNV



Band2_HSUPA_HCH_1907.6MHz_Subtest 1_NTNV



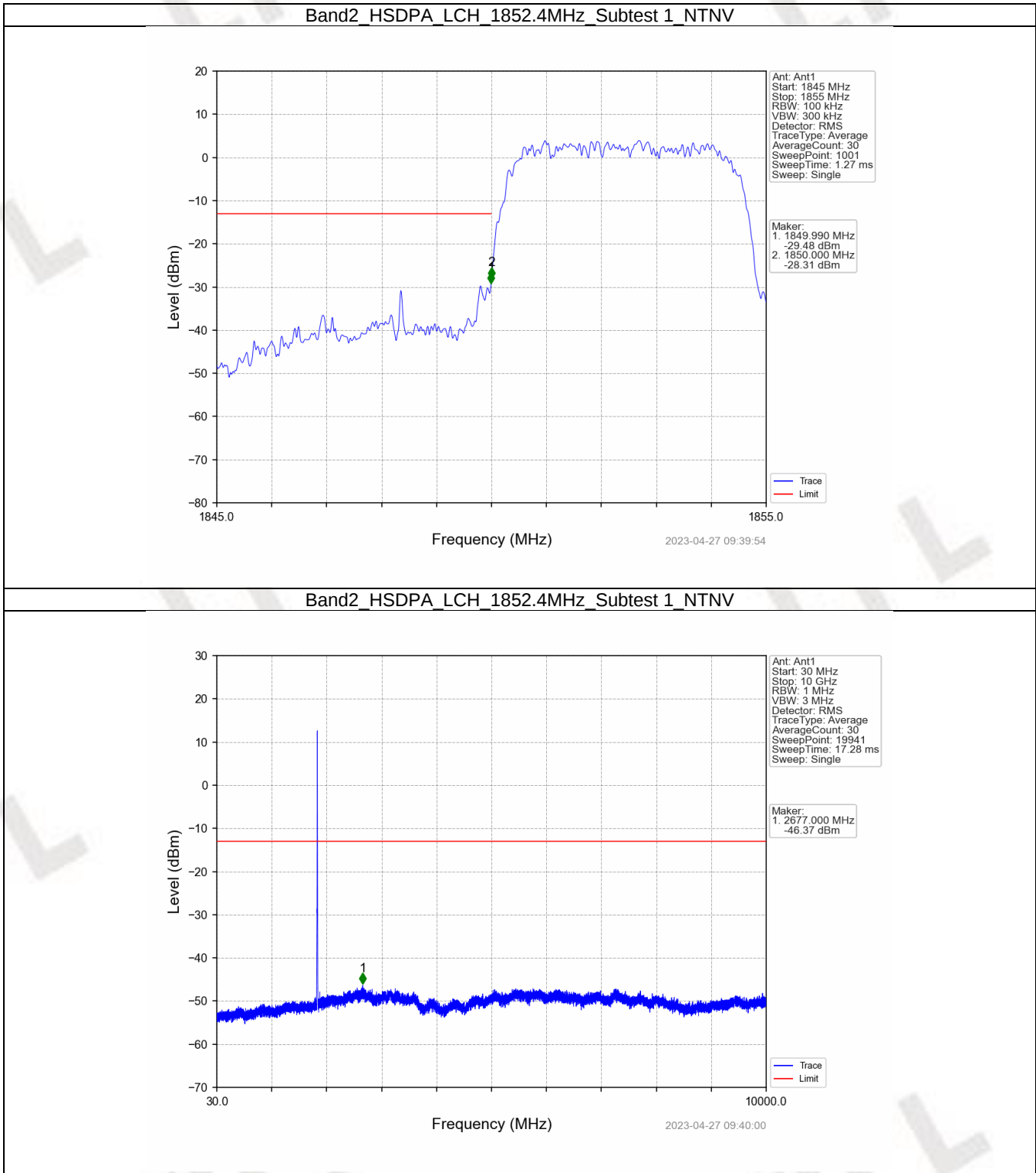
6. Spurious Emission

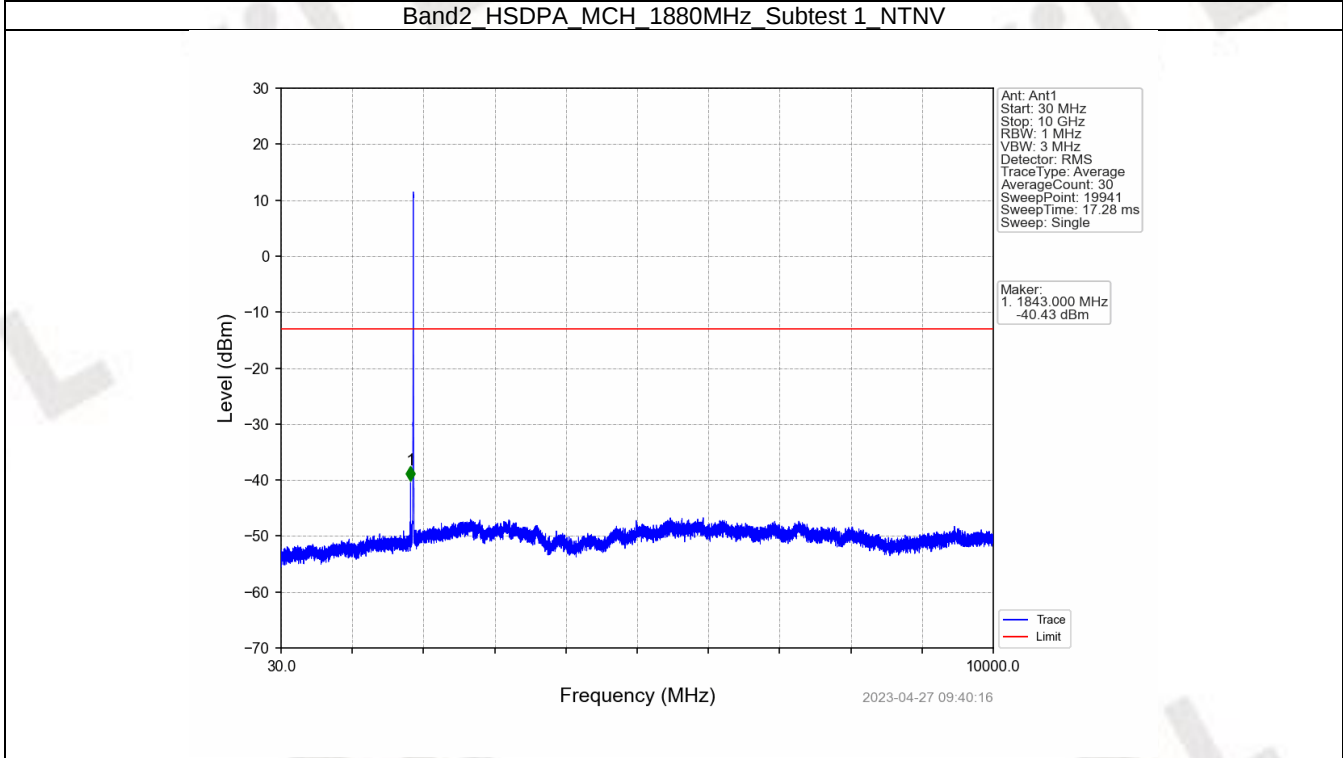
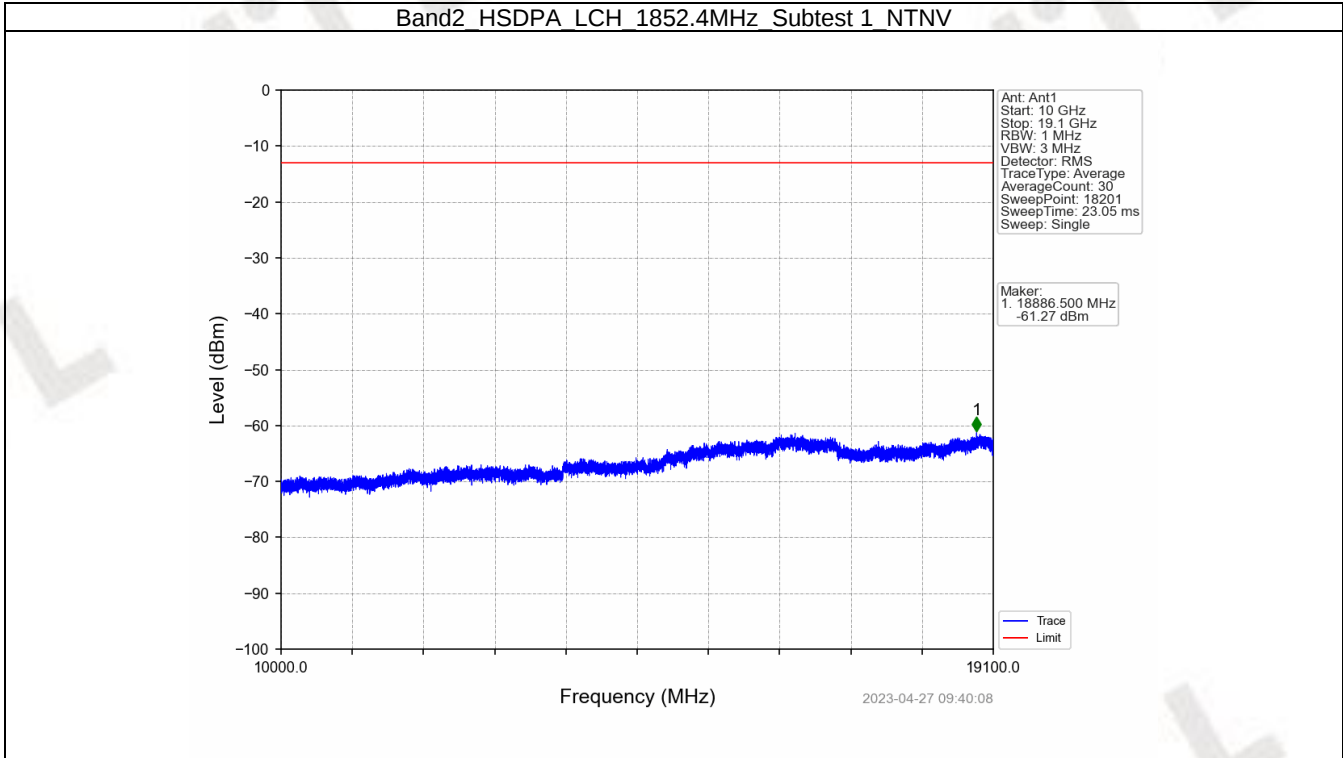
6.1 Band2

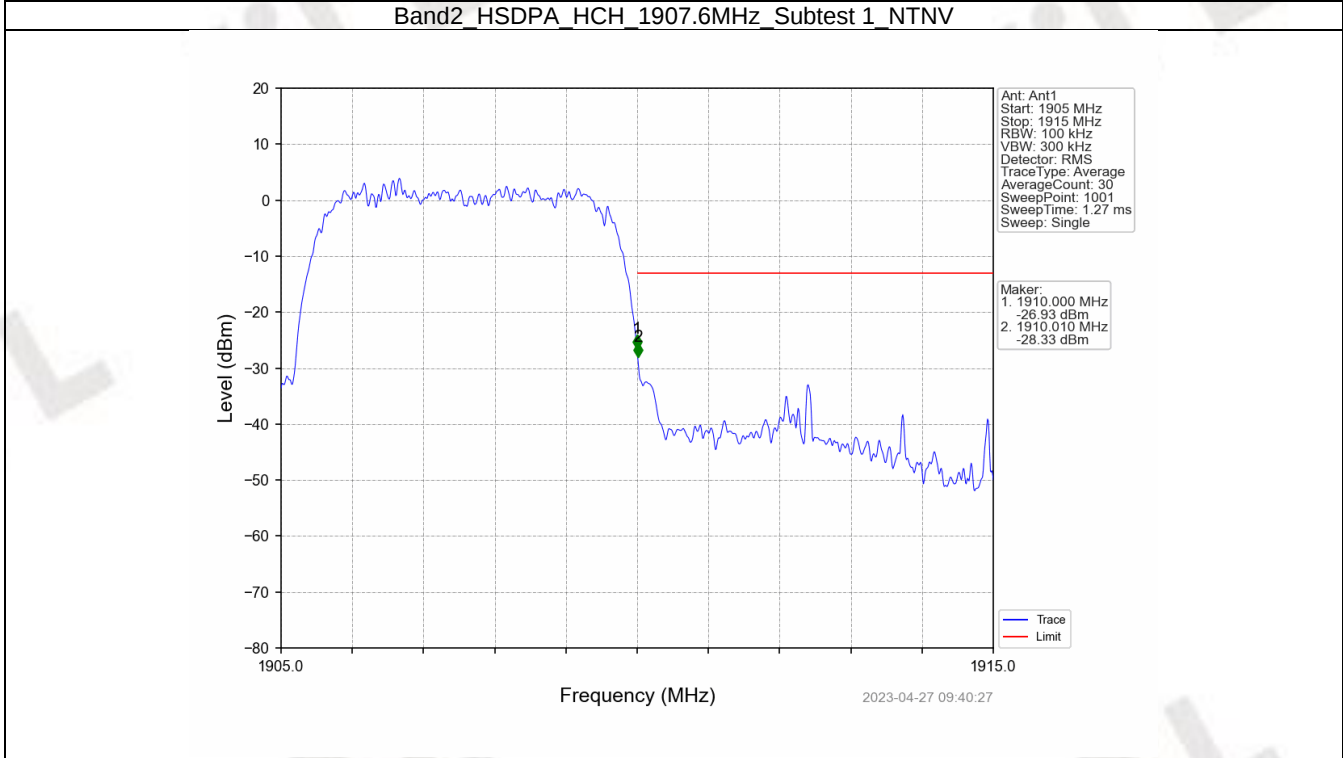
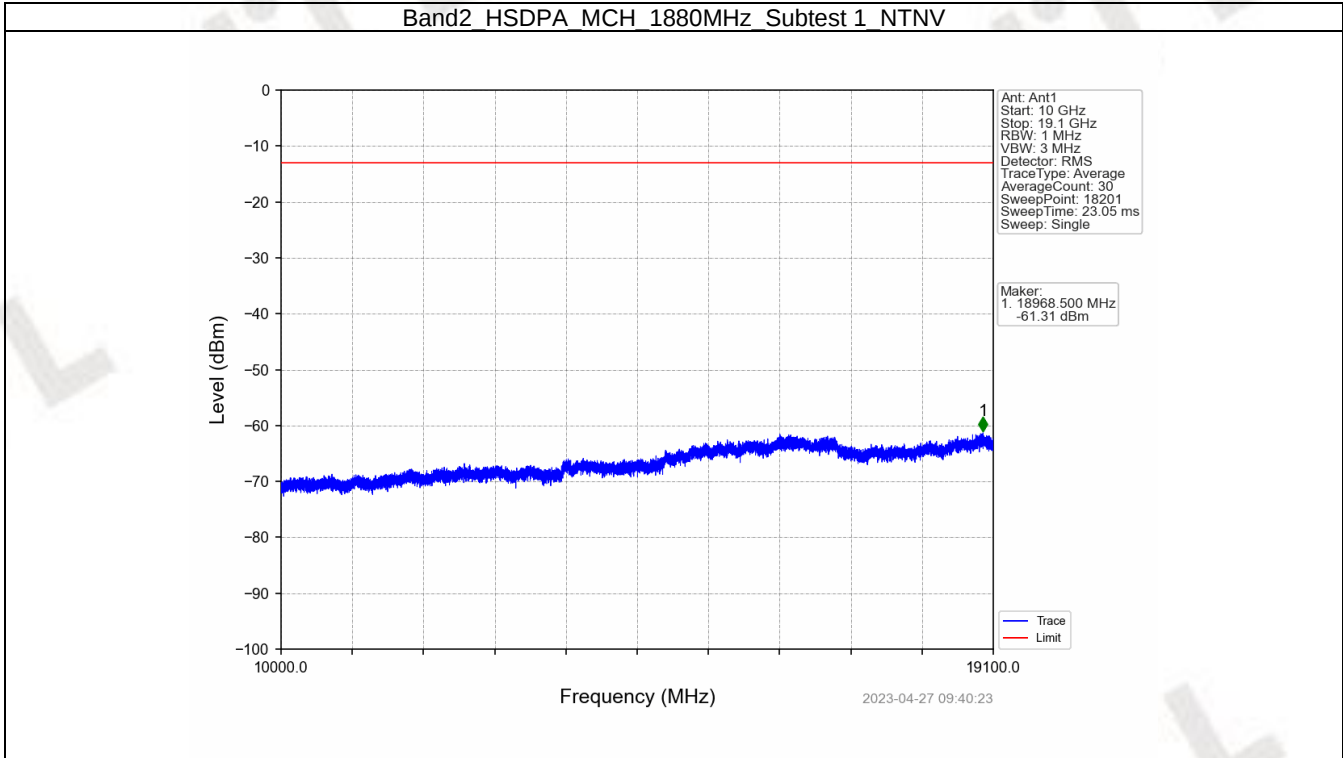
6.1.1 Test Result

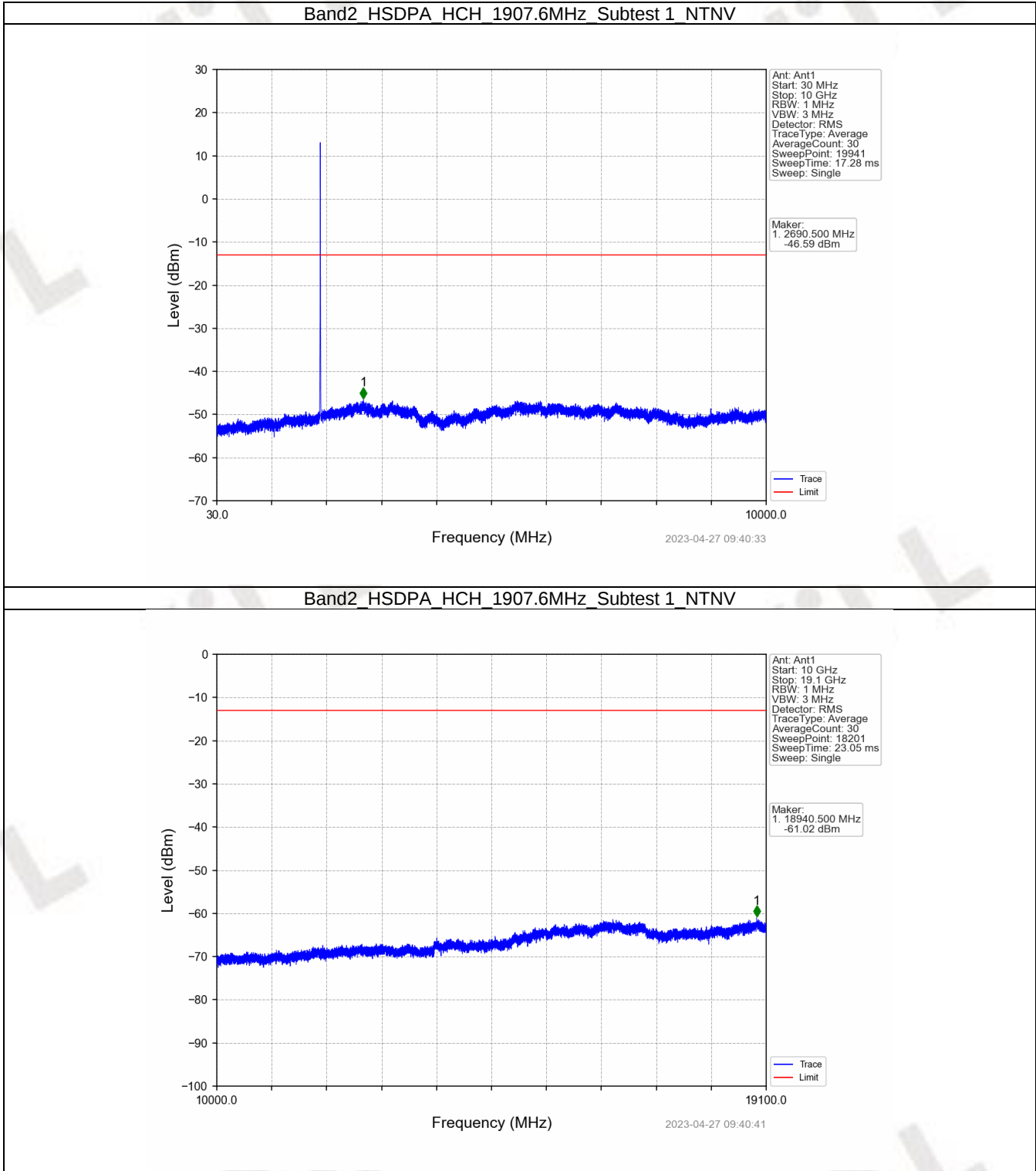
Band: 2						
ENV	Mode		Frequency (MHz)	Spurious Emission		Verdict
	Network	Subset		Result	Limit	
NTNV	HSDPA	Subtest 1	1852.4	Refer To Test Graph		Pass
			1880	Refer To Test Graph		Pass
			1907.6	Refer To Test Graph		Pass
	HSUPA	Subtest 1	1852.4	Refer To Test Graph		Pass
			1880	Refer To Test Graph		Pass
			1907.6	Refer To Test Graph		Pass

6.1.2 Test Graph

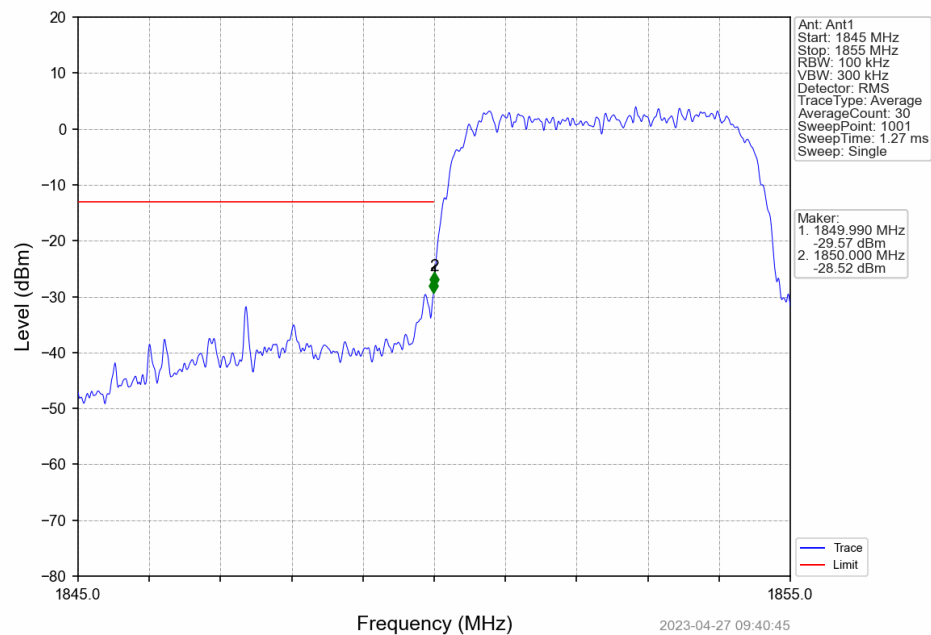




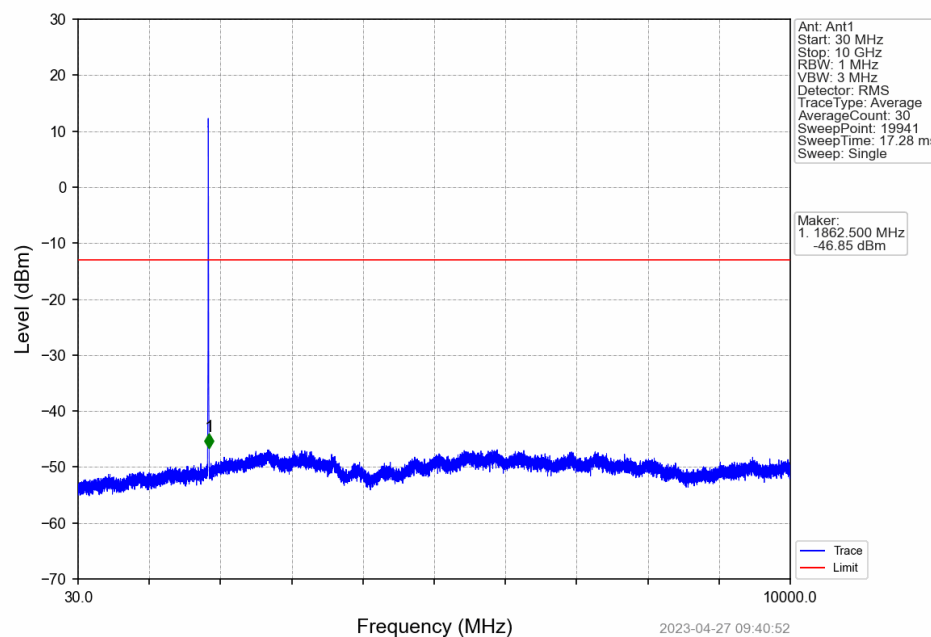




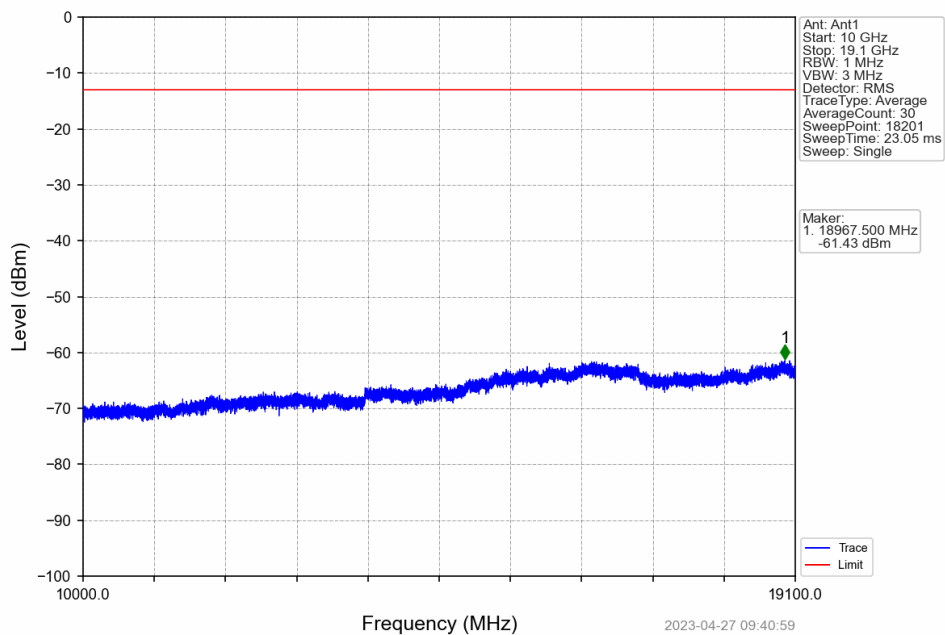
Band2 HSUPA LCH 1852.4MHz Subtest 1 NTNV



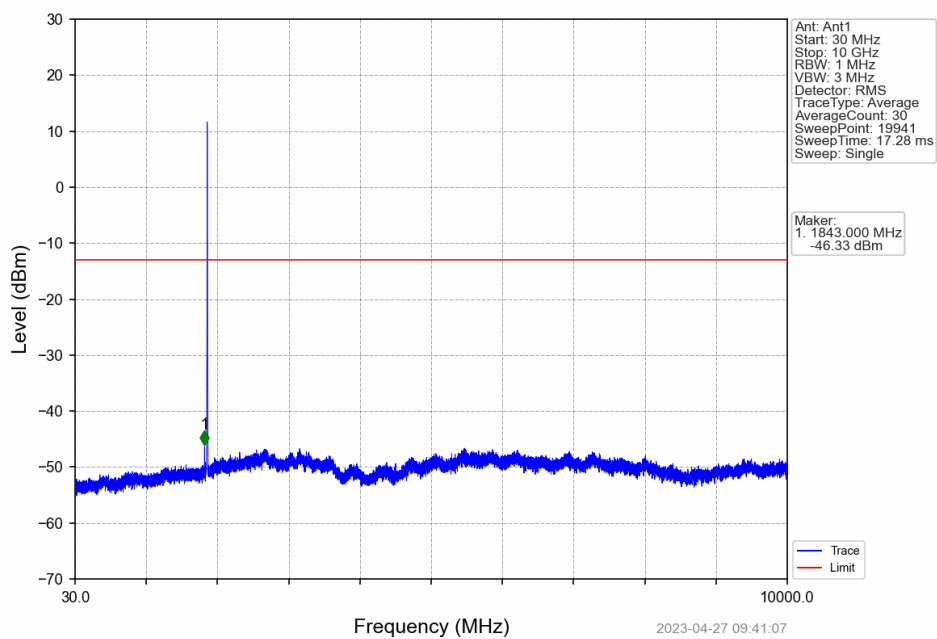
Band2 HSUPA LCH 1852.4MHz Subtest 1 NTNV



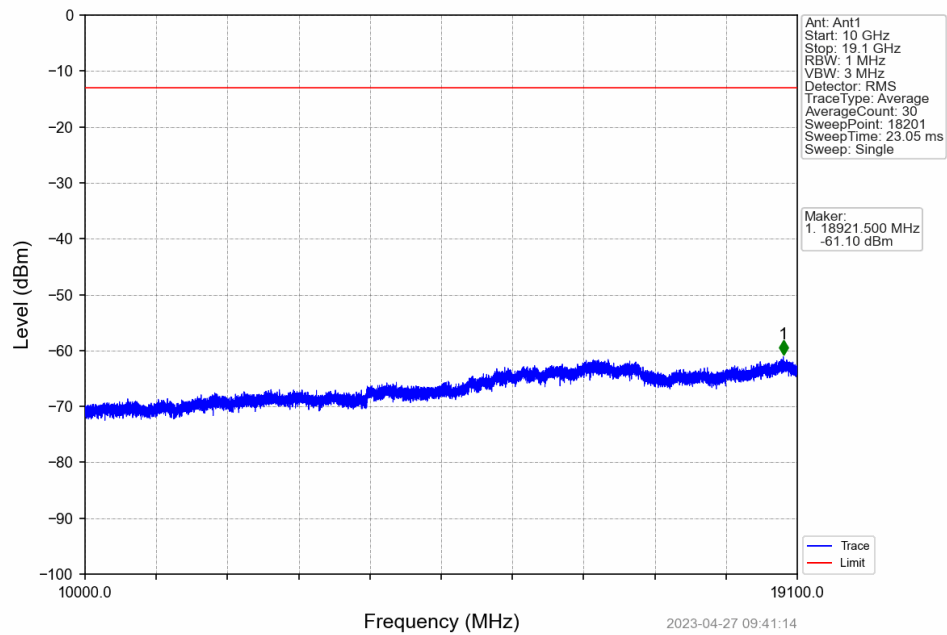
Band2 HSUPA LCH 1852.4MHz Subtest 1 NTNV



Band2 HSUPA MCH 1880MHz Subtest 1 NTNV



Band2_HSUPA_MCH_1880MHz_Subtest 1_NTNV



Band2_HSUPA_HCH_1907.6MHz_Subtest 1_NTNV

