



1. Effective (Isotropic) Radiated Power Output Data

1.1 Band2_EIRP

1.1.1 Test Result

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	21.91	0.68	22.59	<=33.01	Pass	
			1880	22.33	0.68	23.01	<=33.01	Pass	
			1907.6	22.10	0.68	22.78	<=33.01	Pass	
	HSDPA	Subtest 1	1852.4	19.62	0.68	20.30	<=33.01	Pass	
		Subtest 2	1852.4	19.60	0.68	20.28	<=33.01	Pass	
		Subtest 3	1852.4	19.58	0.68	20.26	<=33.01	Pass	
		Subtest 4	1852.4	19.60	0.68	20.28	<=33.01	Pass	
		Subtest 1	1880	20.03	0.68	20.71	<=33.01	Pass	
		Subtest 2	1880	20.03	0.68	20.71	<=33.01	Pass	
		Subtest 3	1880	20.01	0.68	20.69	<=33.01	Pass	
		Subtest 4	1880	20.01	0.68	20.69	<=33.01	Pass	
		Subtest 1	1907.6	19.75	0.68	20.43	<=33.01	Pass	
		Subtest 2	1907.6	19.77	0.68	20.45	<=33.01	Pass	
		Subtest 3	1907.6	19.81	0.68	20.49	<=33.01	Pass	
		Subtest 4	1907.6	19.78	0.68	20.46	<=33.01	Pass	
		HSUPA	Subtest 1	1852.4	17.43	0.68	18.11	<=33.01	Pass
			Subtest 2	1852.4	17.67	0.68	18.35	<=33.01	Pass
			Subtest 3	1852.4	17.42	0.68	18.10	<=33.01	Pass
			Subtest 4	1852.4	17.17	0.68	17.85	<=33.01	Pass
	Subtest 5		1852.4	17.17	0.68	17.85	<=33.01	Pass	
	Subtest 1		1880	18.08	0.68	18.76	<=33.01	Pass	
	Subtest 2		1880	17.57	0.68	18.25	<=33.01	Pass	
	Subtest 3		1880	17.83	0.68	18.51	<=33.01	Pass	
	Subtest 4		1880	17.56	0.68	18.24	<=33.01	Pass	
	Subtest 5		1880	18.07	0.68	18.75	<=33.01	Pass	
	Subtest 1		1907.6	17.32	0.68	18.00	<=33.01	Pass	
	Subtest 2		1907.6	17.84	0.68	18.52	<=33.01	Pass	
	Subtest 3		1907.6	17.83	0.68	18.51	<=33.01	Pass	
	Subtest 4		1907.6	17.37	0.68	18.05	<=33.01	Pass	
	Subtest 5	1907.6	17.63	0.68	18.31	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

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	
RMC	1852.4	20	3.27	-9.263	-0.0050	-2.5 to 2.5	Pass



			3.85	-11.845	-0.0064	-2.5 to 2.5	Pass		
			4.43	-13.125	-0.0071	-2.5 to 2.5	Pass		
		-30	3.85	-9.813	-0.0053	-2.5 to 2.5	Pass		
		-20	3.85	-14.734	-0.0080	-2.5 to 2.5	Pass		
		-10	3.85	-9.770	-0.0053	-2.5 to 2.5	Pass		
		0	3.85	-8.268	-0.0045	-2.5 to 2.5	Pass		
		10	3.85	-8.583	-0.0046	-2.5 to 2.5	Pass		
		30	3.85	-11.401	-0.0062	-2.5 to 2.5	Pass		
		40	3.85	-15.872	-0.0086	-2.5 to 2.5	Pass		
		50	3.85	-16.859	-0.0091	-2.5 to 2.5	Pass		
		1880	20		3.27	-11.566	-0.0062	-2.5 to 2.5	Pass
					3.85	-18.225	-0.0097	-2.5 to 2.5	Pass
					4.43	-13.340	-0.0071	-2.5 to 2.5	Pass
			-30	3.85	-13.061	-0.0069	-2.5 to 2.5	Pass	
			-20	3.85	-9.778	-0.0052	-2.5 to 2.5	Pass	
	-10		3.85	-10.622	-0.0056	-2.5 to 2.5	Pass		
	0		3.85	-9.692	-0.0052	-2.5 to 2.5	Pass		
	10		3.85	-14.112	-0.0075	-2.5 to 2.5	Pass		
	30		3.85	-15.221	-0.0081	-2.5 to 2.5	Pass		
	40		3.85	-17.481	-0.0093	-2.5 to 2.5	Pass		
	50	3.85	-15.607	-0.0083	-2.5 to 2.5	Pass			
	1907.6	20		3.27	-14.598	-0.0077	-2.5 to 2.5	Pass	
				3.85	-9.792	-0.0051	-2.5 to 2.5	Pass	
				4.43	-13.225	-0.0069	-2.5 to 2.5	Pass	
		-30	3.85	-10.500	-0.0055	-2.5 to 2.5	Pass		
		-20	3.85	-11.330	-0.0059	-2.5 to 2.5	Pass		
		-10	3.85	-9.120	-0.0048	-2.5 to 2.5	Pass		
		0	3.85	-13.626	-0.0071	-2.5 to 2.5	Pass		
		10	3.85	-10.736	-0.0056	-2.5 to 2.5	Pass		
		30	3.85	-11.044	-0.0058	-2.5 to 2.5	Pass		
		40	3.85	-17.581	-0.0092	-2.5 to 2.5	Pass		
	50	3.85	-19.319	-0.0101	-2.5 to 2.5	Pass			
	HSDPA	1852.4	20		3.27	-12.567	-0.0068	-2.5 to 2.5	Pass
					3.85	-11.215	-0.0061	-2.5 to 2.5	Pass
					4.43	-9.584	-0.0052	-2.5 to 2.5	Pass
-30			3.85	-11.265	-0.0061	-2.5 to 2.5	Pass		
-20			3.85	-10.593	-0.0057	-2.5 to 2.5	Pass		
-10			3.85	-11.730	-0.0063	-2.5 to 2.5	Pass		
0			3.85	-5.879	-0.0032	-2.5 to 2.5	Pass		
10			3.85	-10.364	-0.0056	-2.5 to 2.5	Pass		
30			3.85	-8.075	-0.0044	-2.5 to 2.5	Pass		
40			3.85	-3.648	-0.0020	-2.5 to 2.5	Pass		
50			3.85	-14.749	-0.0080	-2.5 to 2.5	Pass		
1880			20		3.27	-8.411	-0.0045	-2.5 to 2.5	Pass
					3.85	-6.924	-0.0037	-2.5 to 2.5	Pass
					4.43	-12.431	-0.0066	-2.5 to 2.5	Pass
			-30	3.85	-9.692	-0.0052	-2.5 to 2.5	Pass	
		-20	3.85	-8.705	-0.0046	-2.5 to 2.5	Pass		
		-10	3.85	-10.293	-0.0055	-2.5 to 2.5	Pass		
		0	3.85	-6.588	-0.0035	-2.5 to 2.5	Pass		
		10	3.85	-10.893	-0.0058	-2.5 to 2.5	Pass		
		30	3.85	-11.694	-0.0062	-2.5 to 2.5	Pass		
		40	3.85	-5.865	-0.0031	-2.5 to 2.5	Pass		
50		3.85	-7.739	-0.0041	-2.5 to 2.5	Pass			
1907.6		20		3.27	-16.315	-0.0086	-2.5 to 2.5	Pass	
				3.85	-15.900	-0.0083	-2.5 to 2.5	Pass	



			4.43	-16.387	-0.0086	-2.5 to 2.5	Pass
		-30	3.85	-13.433	-0.0070	-2.5 to 2.5	Pass
		-20	3.85	-6.573	-0.0034	-2.5 to 2.5	Pass
		-10	3.85	-14.505	-0.0076	-2.5 to 2.5	Pass
		0	3.85	-10.829	-0.0057	-2.5 to 2.5	Pass
		10	3.85	-12.074	-0.0063	-2.5 to 2.5	Pass
		30	3.85	-10.378	-0.0054	-2.5 to 2.5	Pass
		40	3.85	-11.795	-0.0062	-2.5 to 2.5	Pass
HSUPA	1852.4	20	3.27	-11.809	-0.0064	-2.5 to 2.5	Pass
			3.85	-13.347	-0.0072	-2.5 to 2.5	Pass
			4.43	-15.757	-0.0085	-2.5 to 2.5	Pass
		-30	3.85	-11.473	-0.0062	-2.5 to 2.5	Pass
		-20	3.85	-11.072	-0.0060	-2.5 to 2.5	Pass
		-10	3.85	-11.294	-0.0061	-2.5 to 2.5	Pass
		0	3.85	-7.832	-0.0042	-2.5 to 2.5	Pass
		10	3.85	-10.614	-0.0057	-2.5 to 2.5	Pass
		30	3.85	-7.167	-0.0039	-2.5 to 2.5	Pass
		40	3.85	-4.628	-0.0025	-2.5 to 2.5	Pass
		50	3.85	-9.069	-0.0049	-2.5 to 2.5	Pass
		1880	20	3.27	-9.613	-0.0051	-2.5 to 2.5
	3.85			-14.713	-0.0078	-2.5 to 2.5	Pass
	4.43			-16.987	-0.0090	-2.5 to 2.5	Pass
	-30		3.85	-13.554	-0.0072	-2.5 to 2.5	Pass
	-20		3.85	-14.577	-0.0078	-2.5 to 2.5	Pass
	-10		3.85	-6.380	-0.0034	-2.5 to 2.5	Pass
	0		3.85	-11.129	-0.0059	-2.5 to 2.5	Pass
	10		3.85	-7.417	-0.0039	-2.5 to 2.5	Pass
	30		3.85	-10.500	-0.0056	-2.5 to 2.5	Pass
	40		3.85	-6.316	-0.0034	-2.5 to 2.5	Pass
	50		3.85	-10.214	-0.0054	-2.5 to 2.5	Pass
	1907.6		20	3.27	-7.875	-0.0041	-2.5 to 2.5
		3.85		-14.277	-0.0075	-2.5 to 2.5	Pass
		4.43		-17.116	-0.0090	-2.5 to 2.5	Pass
		-30	3.85	-8.240	-0.0043	-2.5 to 2.5	Pass
		-20	3.85	-10.364	-0.0054	-2.5 to 2.5	Pass
		-10	3.85	-7.632	-0.0040	-2.5 to 2.5	Pass
		0	3.85	-8.254	-0.0043	-2.5 to 2.5	Pass
		10	3.85	-15.972	-0.0084	-2.5 to 2.5	Pass
30		3.85	-9.077	-0.0048	-2.5 to 2.5	Pass	
40		3.85	-12.324	-0.0065	-2.5 to 2.5	Pass	
50		3.85	-14.226	-0.0075	-2.5 to 2.5	Pass	

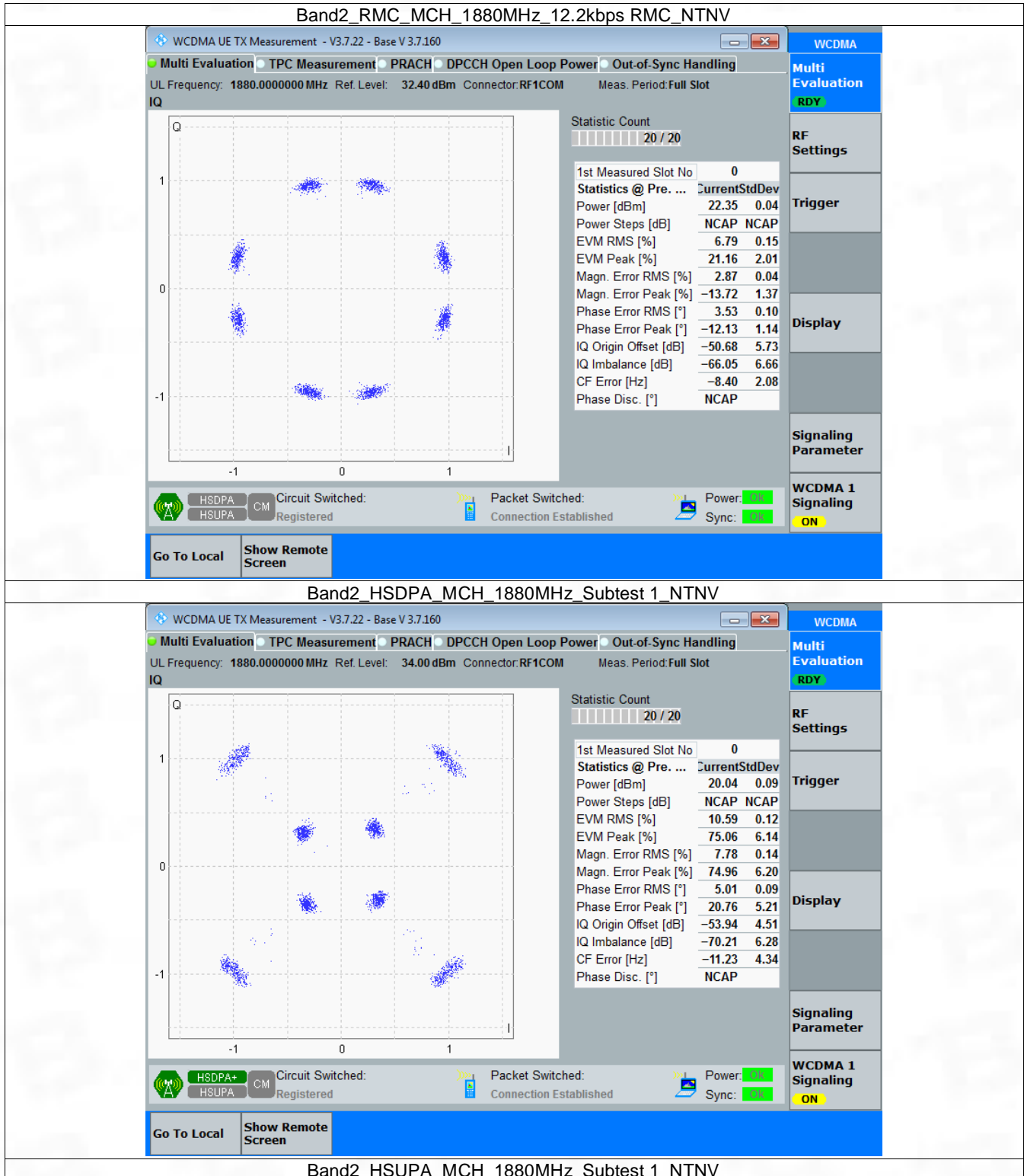
3. Modulation Characteristics

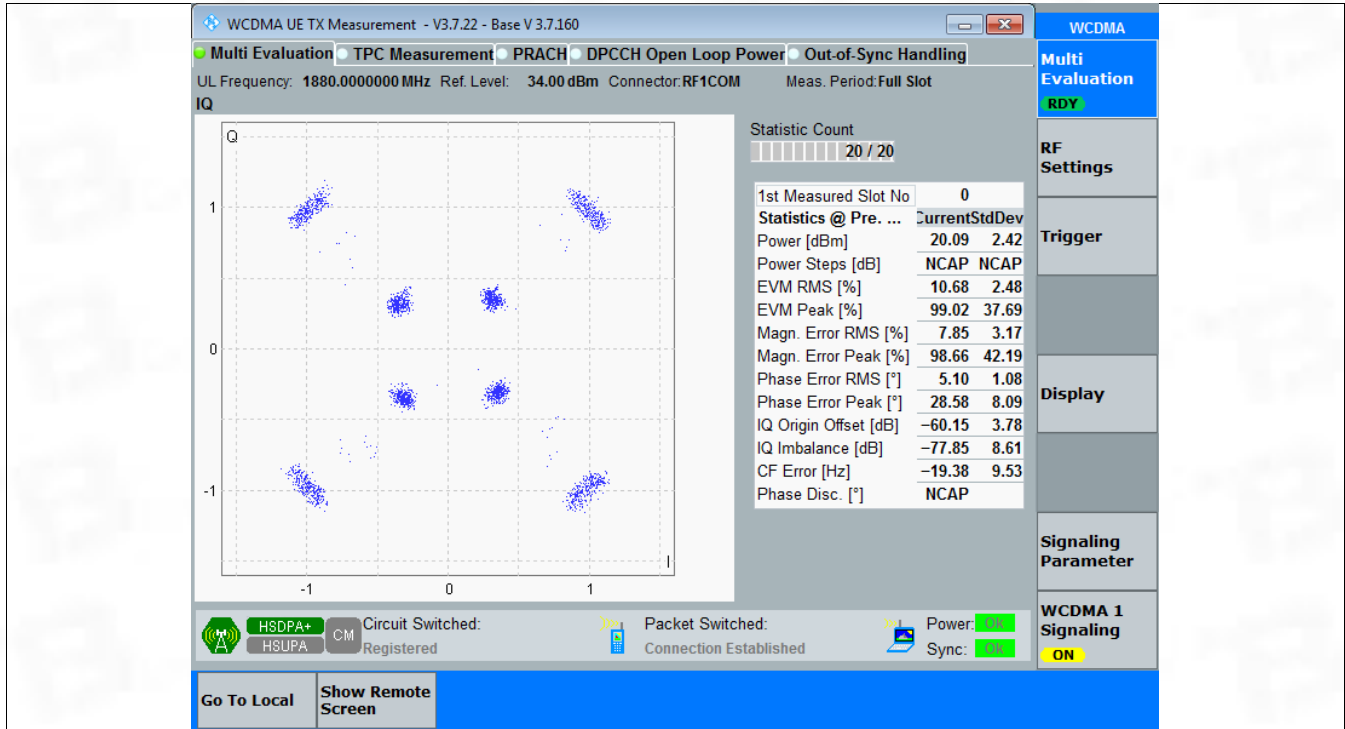
3.1 Band2

3.1.1 Test Result

Band: 2						
ENV	Mode		Frequency (MHz)	Modulation Characteristics		Verdict
	Network	Subset		Result	Limit	
NTNV	RMC	12.2kbps RMC	1880	Refer To Test Graph		Pass
	HSDPA	Subtest 1	1880	Refer To Test Graph		Pass
	HSUPA	Subtest 1	1880	Refer To Test Graph		Pass

3.1.2 Test Graph







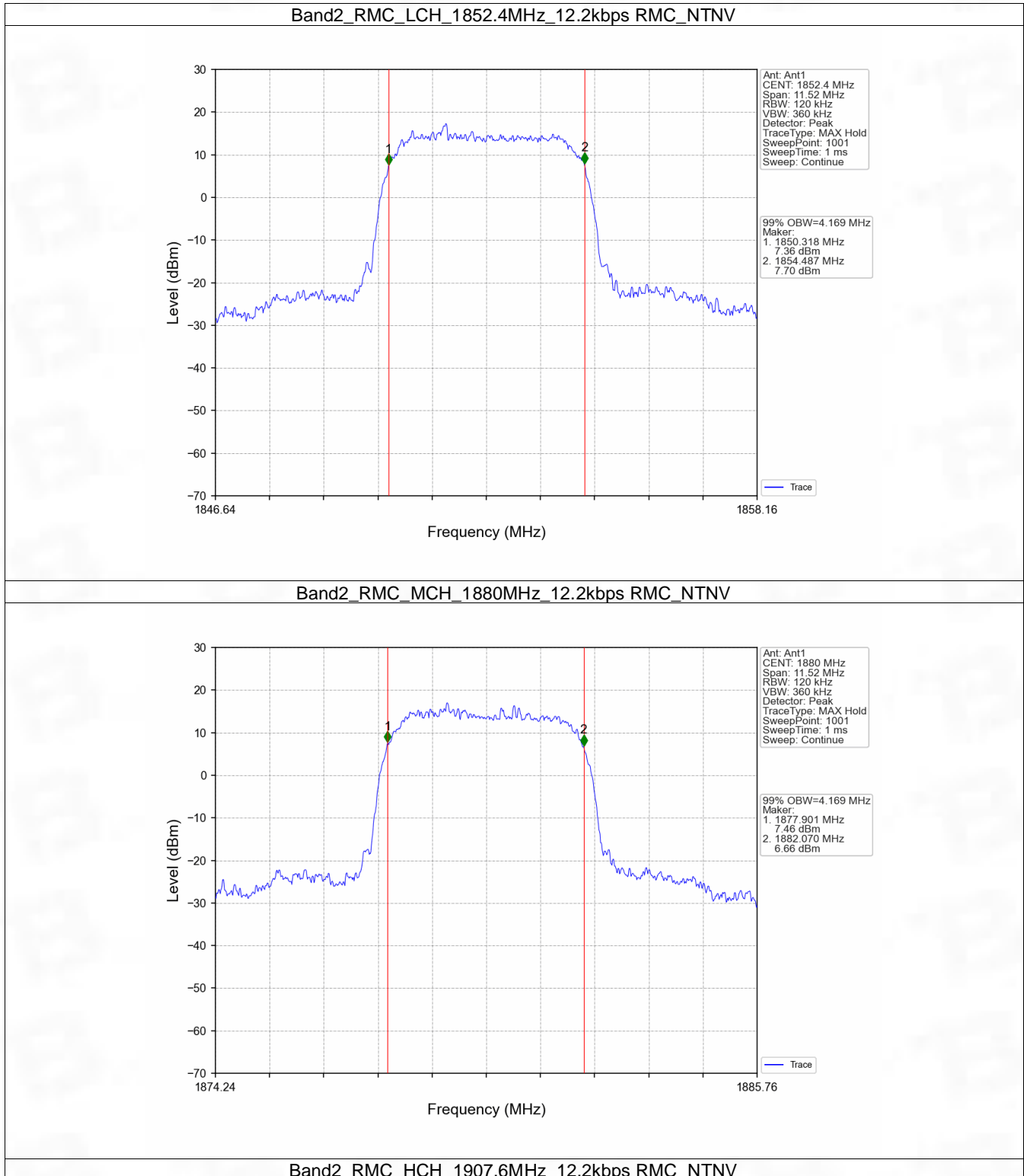
4. 99% & 26dB Bandwidth

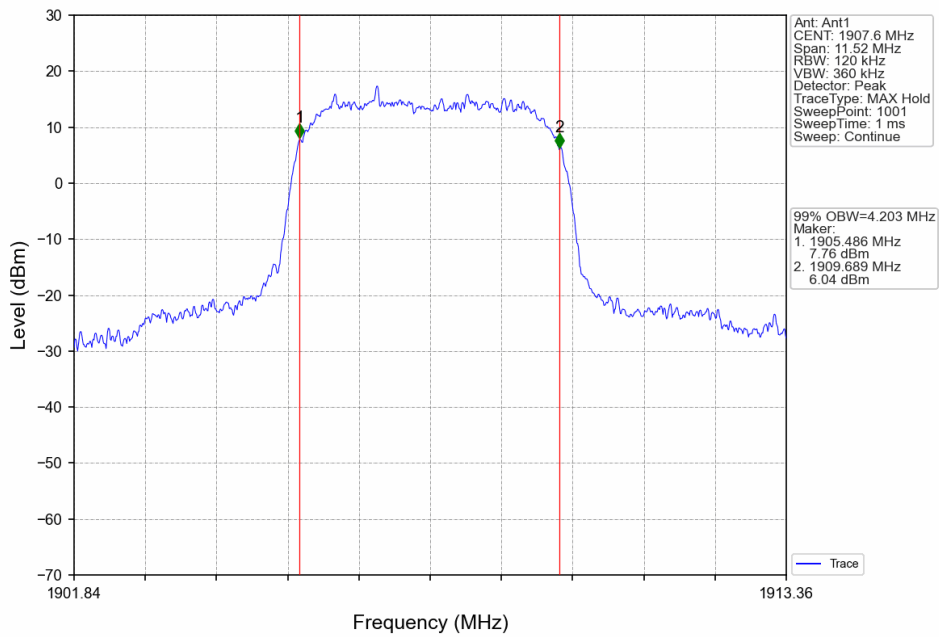
4.1 Band2_OBW

4.1.1 Test Result

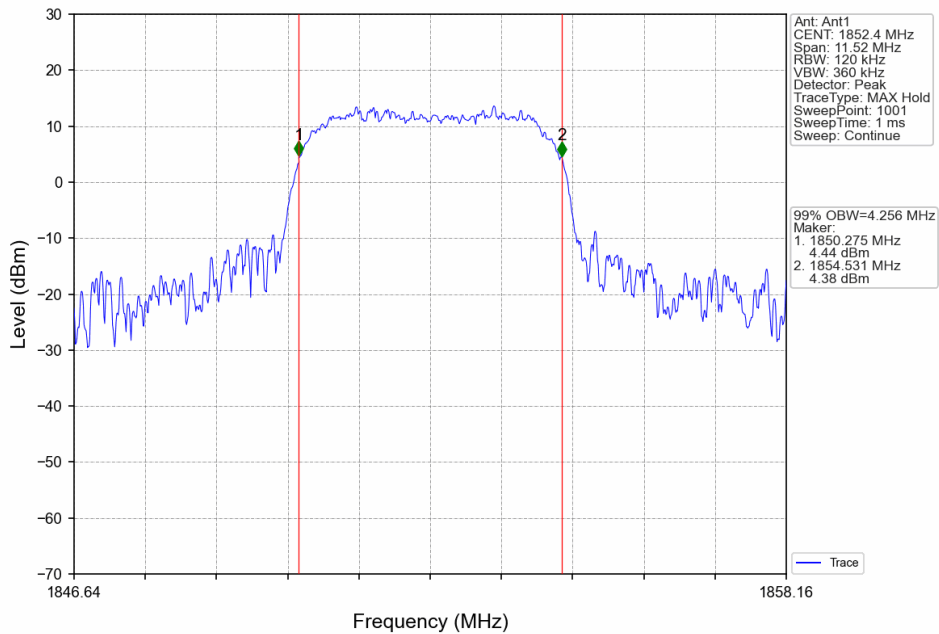
Band: 2					
ENV	Mode		Frequency (MHz)	99% Occupied Bandwidth (MHz)	Verdict
	Network	Subset		Result	
NTNV	RMC	12.2kbps RMC	1852.4	4.169	Pass
			1880	4.169	Pass
			1907.6	4.203	Pass
	HSDPA	Subtest 1	1852.4	4.256	Pass
			1880	4.222	Pass
			1907.6	4.233	Pass
	HSUPA	Subtest 1	1852.4	4.242	Pass
			1880	4.203	Pass
			1907.6	4.244	Pass

4.1.2 Test Graph

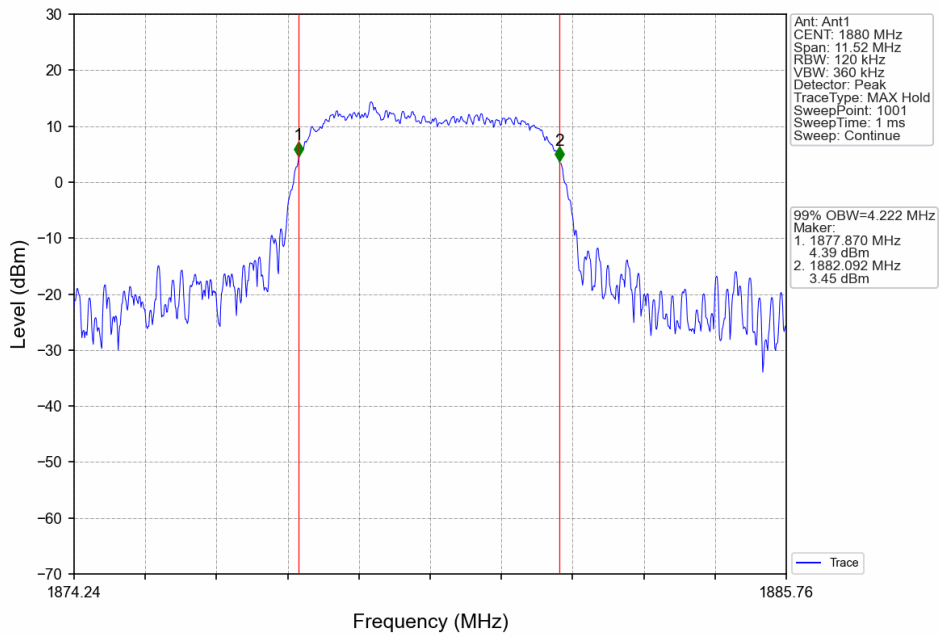




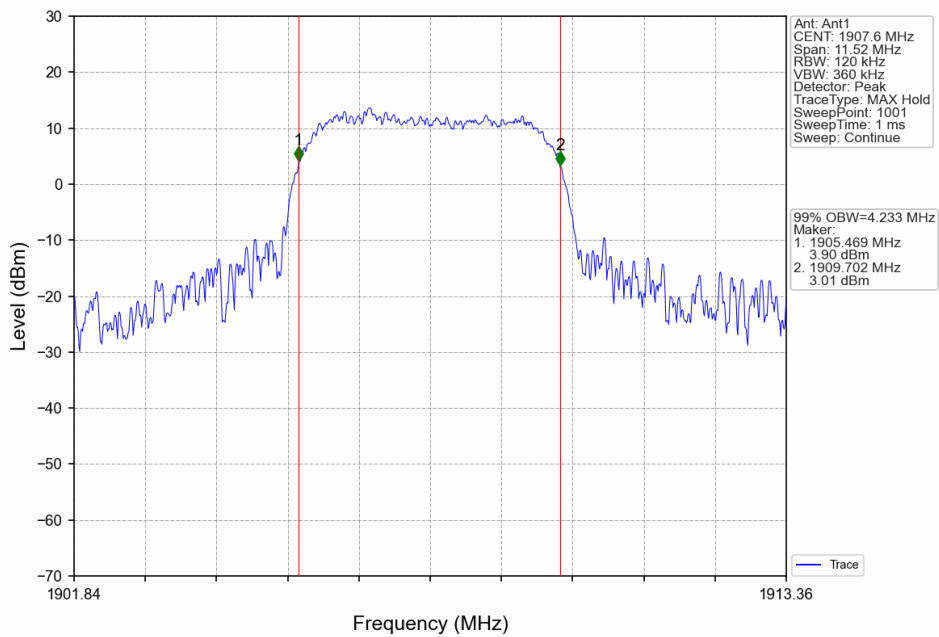
Band2_HSDPA_LCH_1852.4MHz_Subtest 1_NTNV



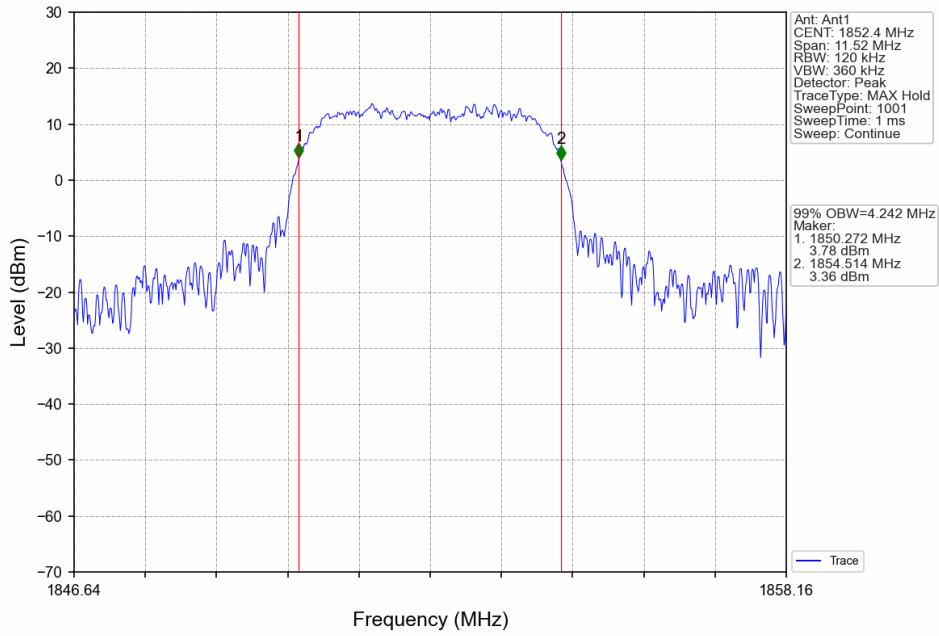
Band2_HSDPA_MCH_1880MHz_Subtest 1_NTNV



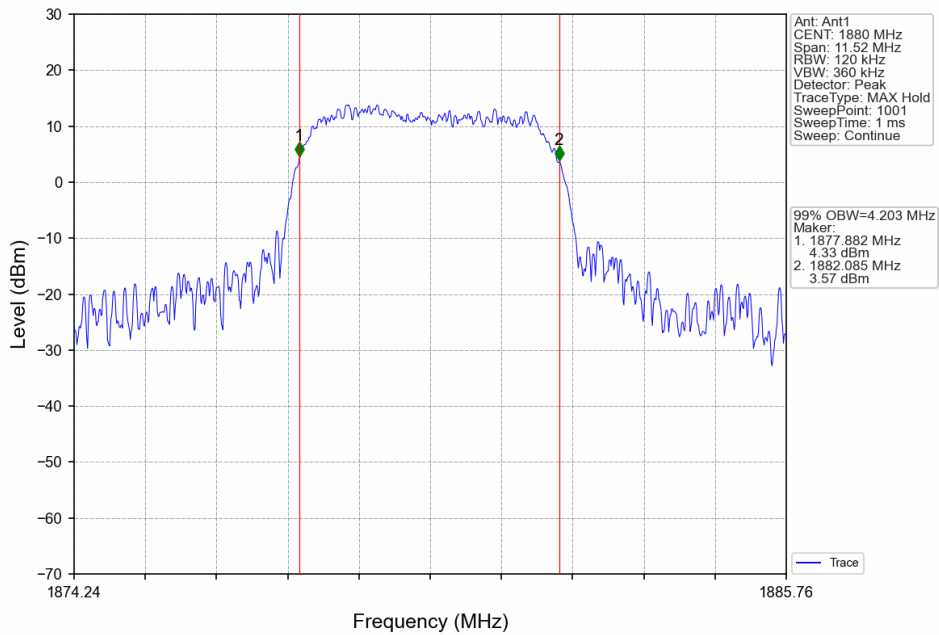
Band2_HSDPA_HCH_1907.6MHz_Subtest 1_NTNV



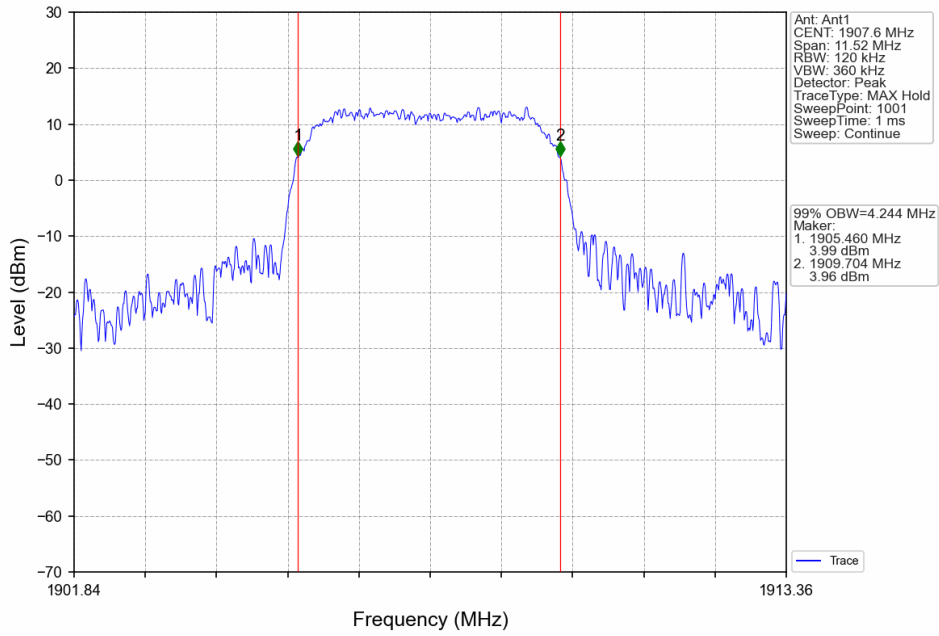
Band2_HSUPA_LCH_1852.4MHz_Subtest 1_NTNV



Band2_HSUPA_MCH_1880MHz_Subtest 1_NTNV



Band2_HSUPA_HCH_1907.6MHz_Subtest 1_NTNV



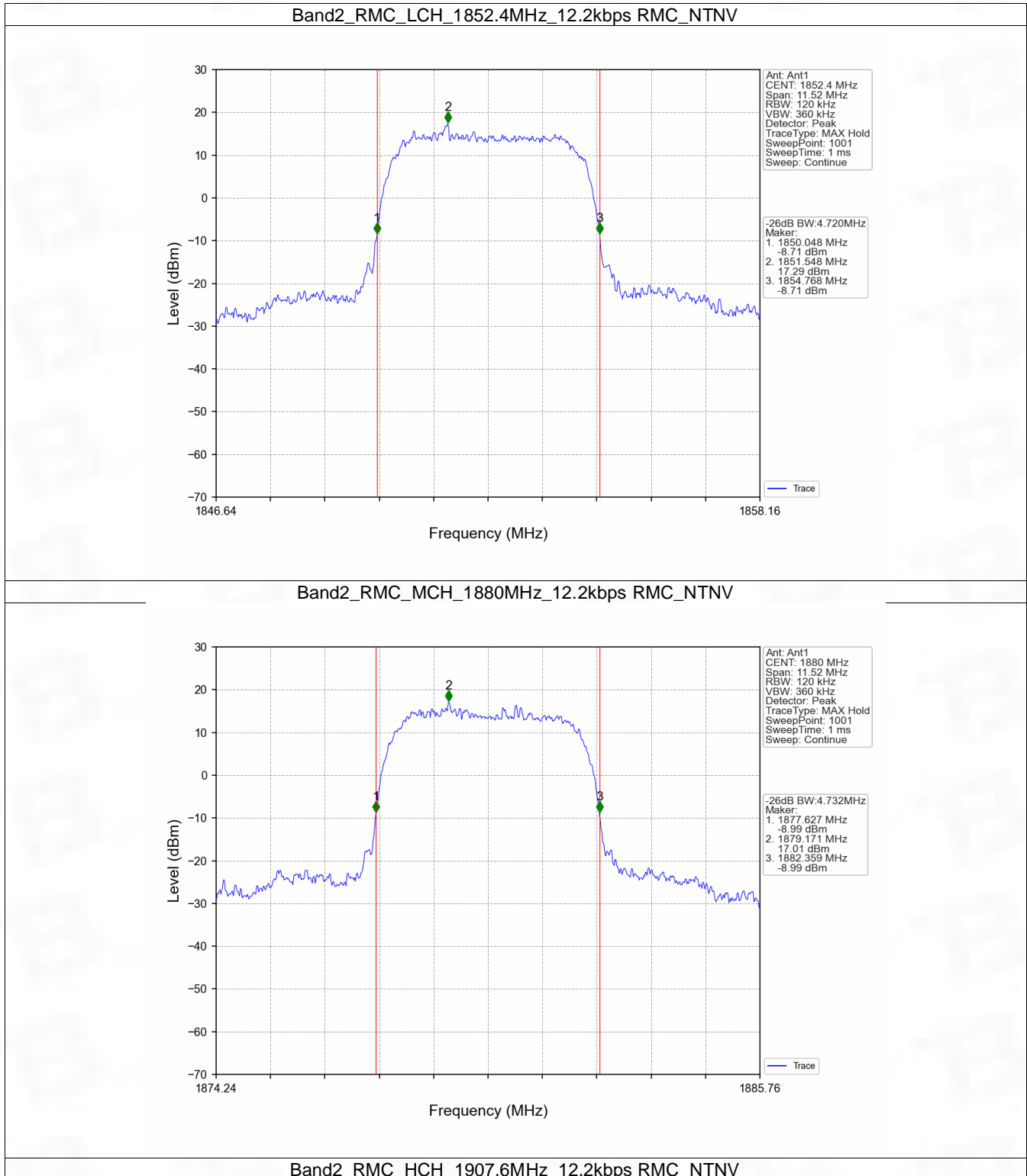


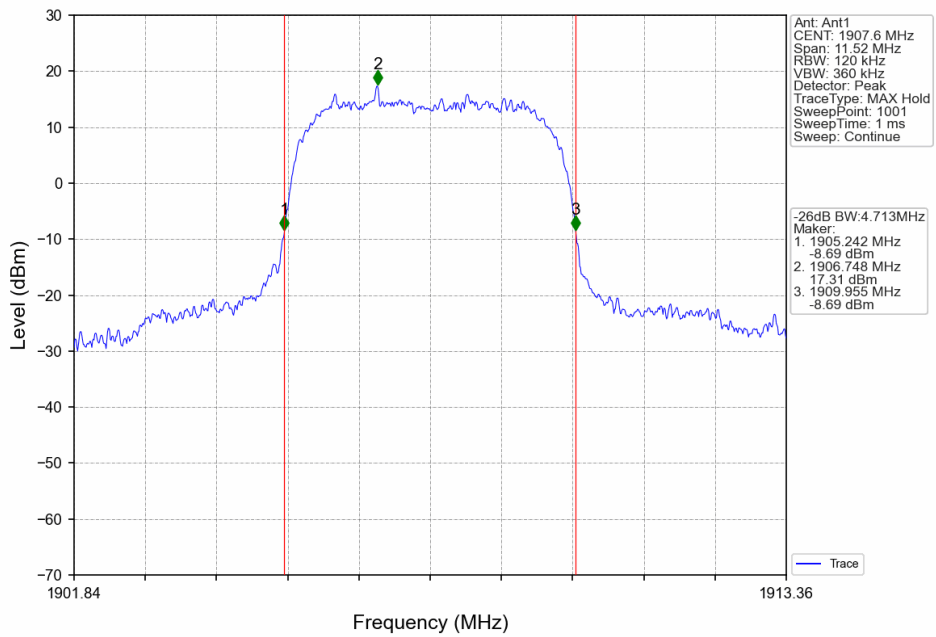
4.2 Band2_XDB

4.2.1 Test Result

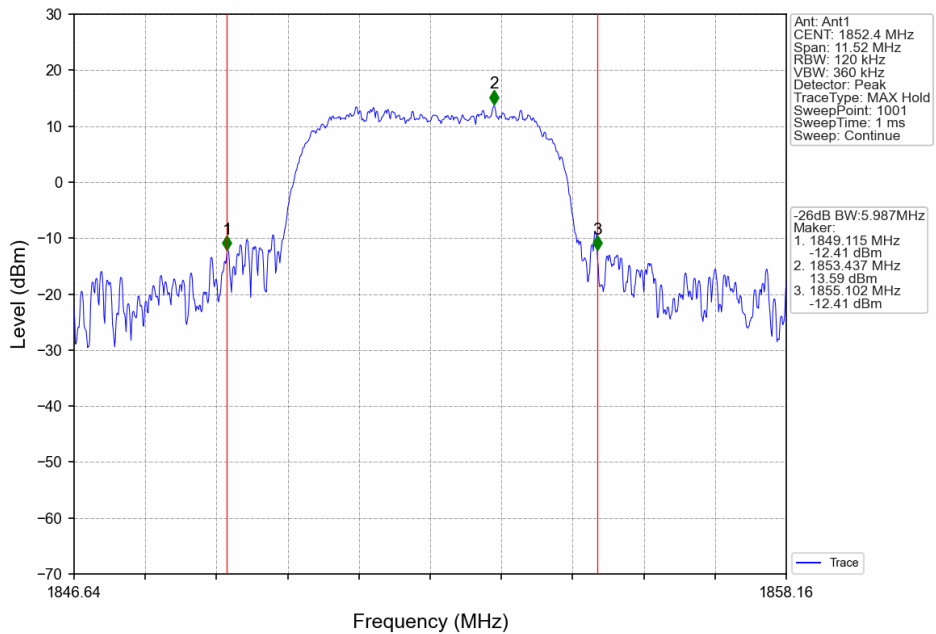
Band: 2					
ENV	Mode		Frequency (MHz)	26dB Bandwidth (MHz)	Verdict
	Network	Subset		Result	
NTNV	RMC	12.2kbps RMC	1852.4	4.720	Pass
			1880	4.732	Pass
			1907.6	4.713	Pass
	HSDPA	Subtest 1	1852.4	5.987	Pass
			1880	4.969	Pass
			1907.6	5.832	Pass
	HSUPA	Subtest 1	1852.4	6.506	Pass
			1880	5.497	Pass
			1907.6	6.148	Pass

4.2.2 Test Graph

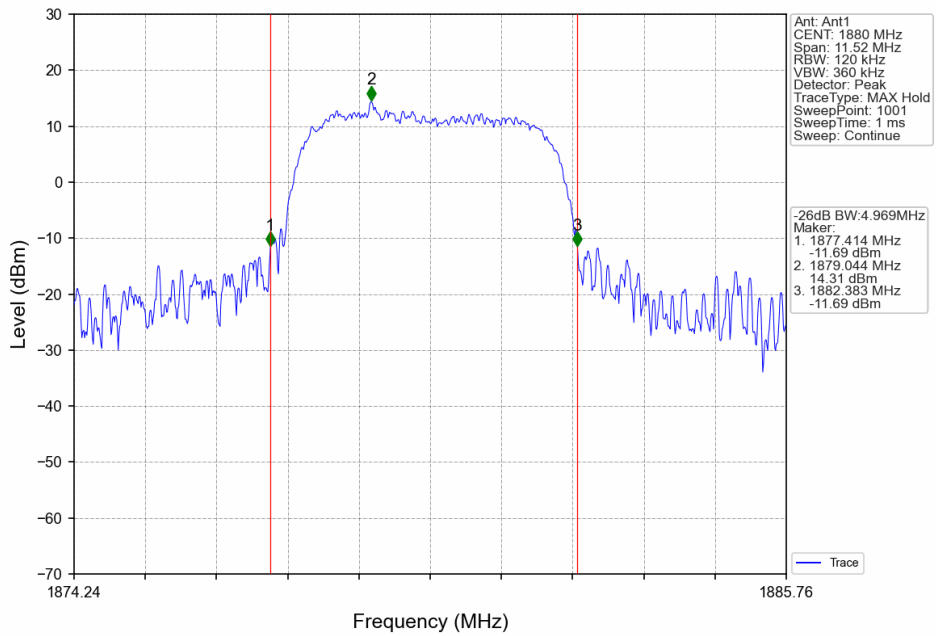




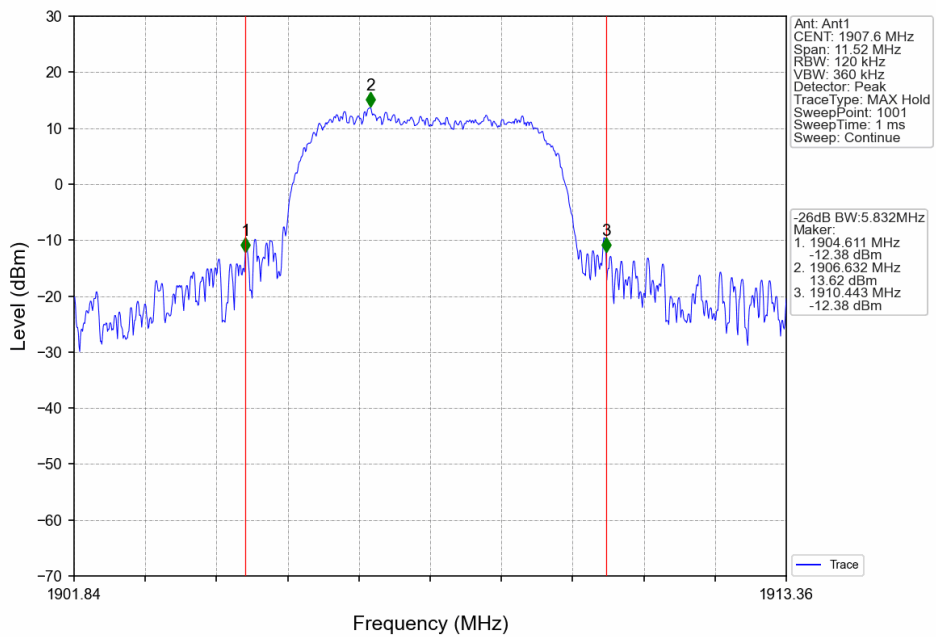
Band2_HSDPA_LCH_1852.4MHz_Subtest 1_NTNV



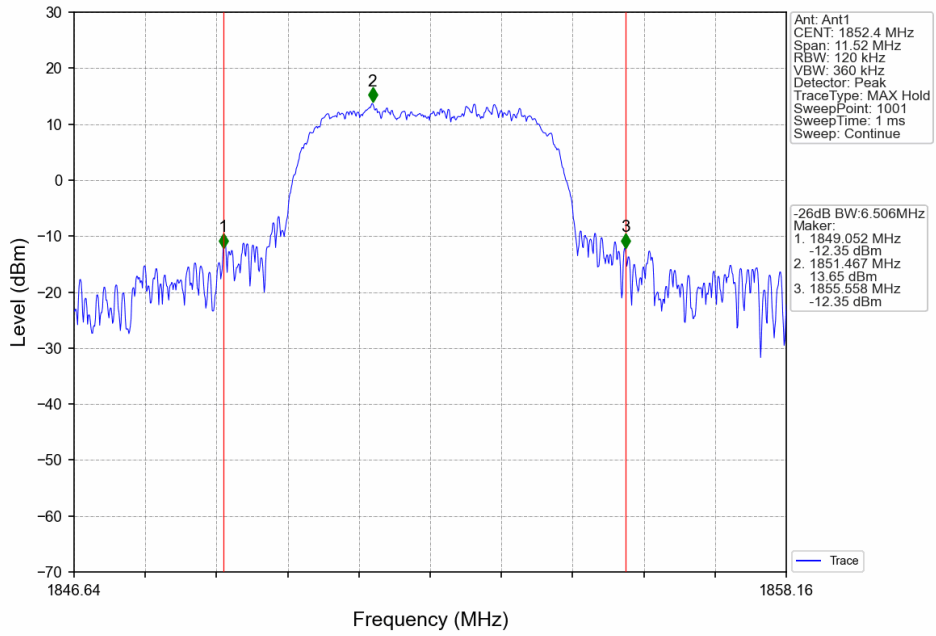
Band2_HSDPA_MCH_1880MHz_Subtest 1_NTNV



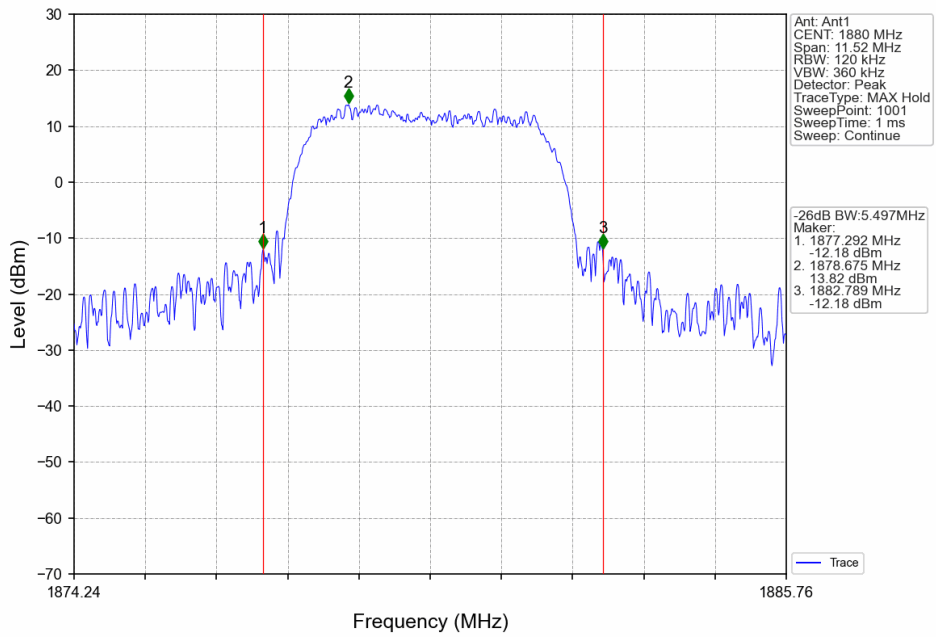
Band2_HSDPA_HCH_1907.6MHz_Subtest 1_NTNV

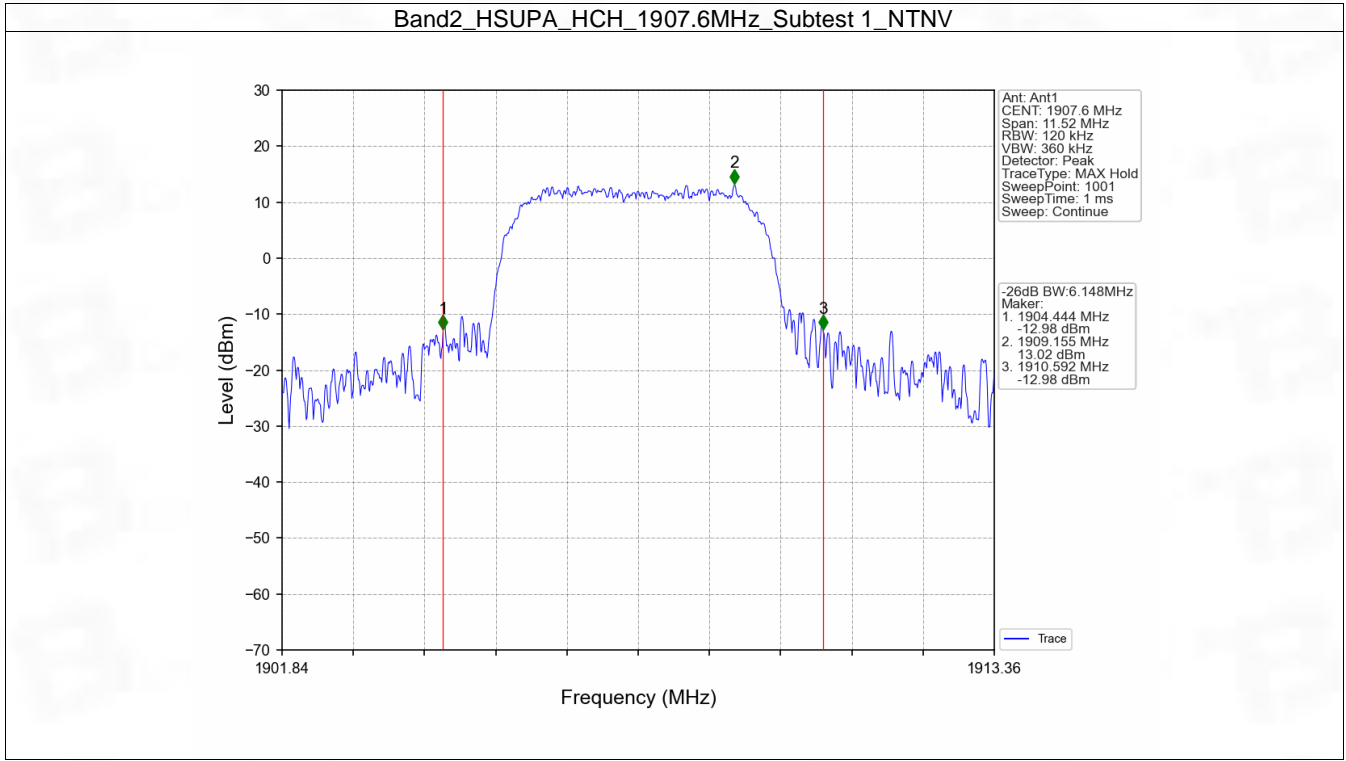


Band2_HSUPA_LCH_1852.4MHz_Subtest 1_NTNV



Band2_HSUPA_MCH_1880MHz_Subtest 1_NTNV





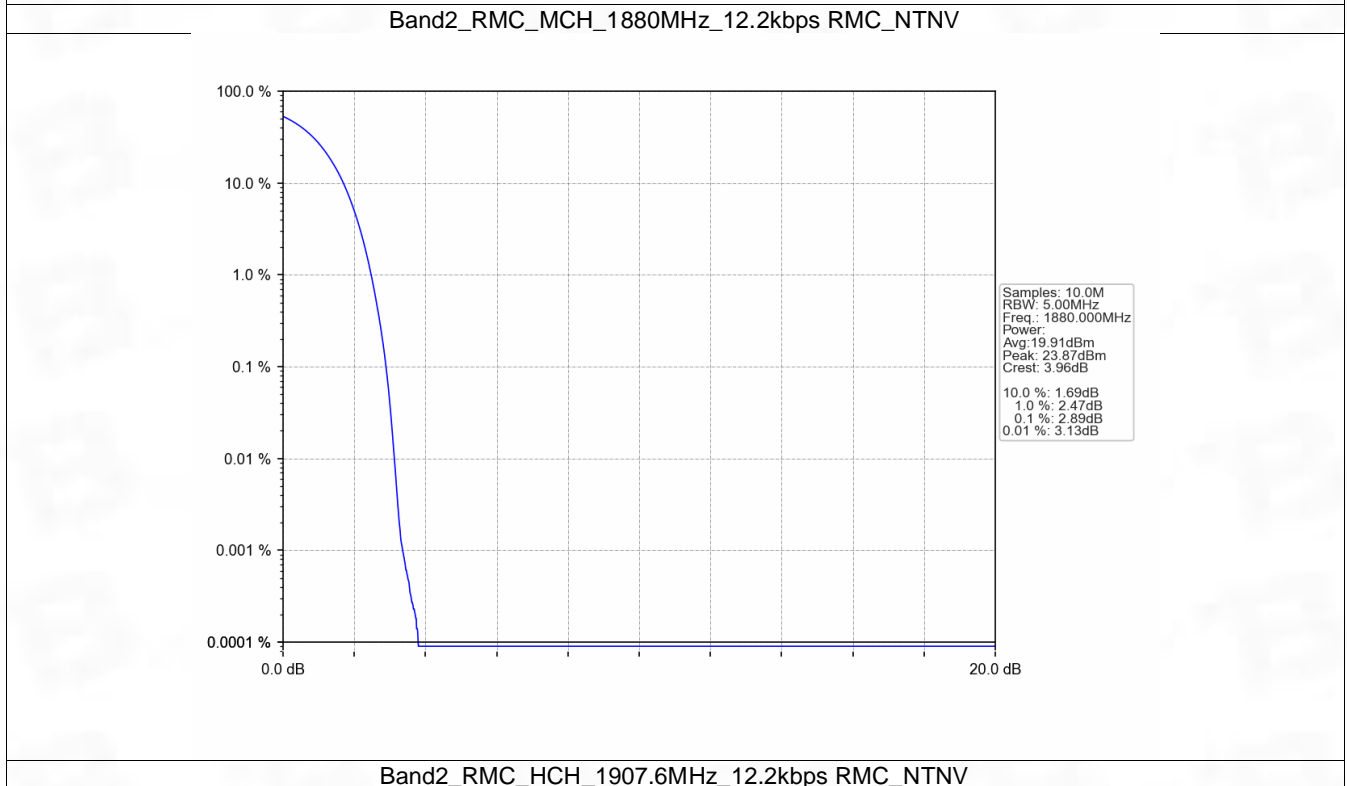
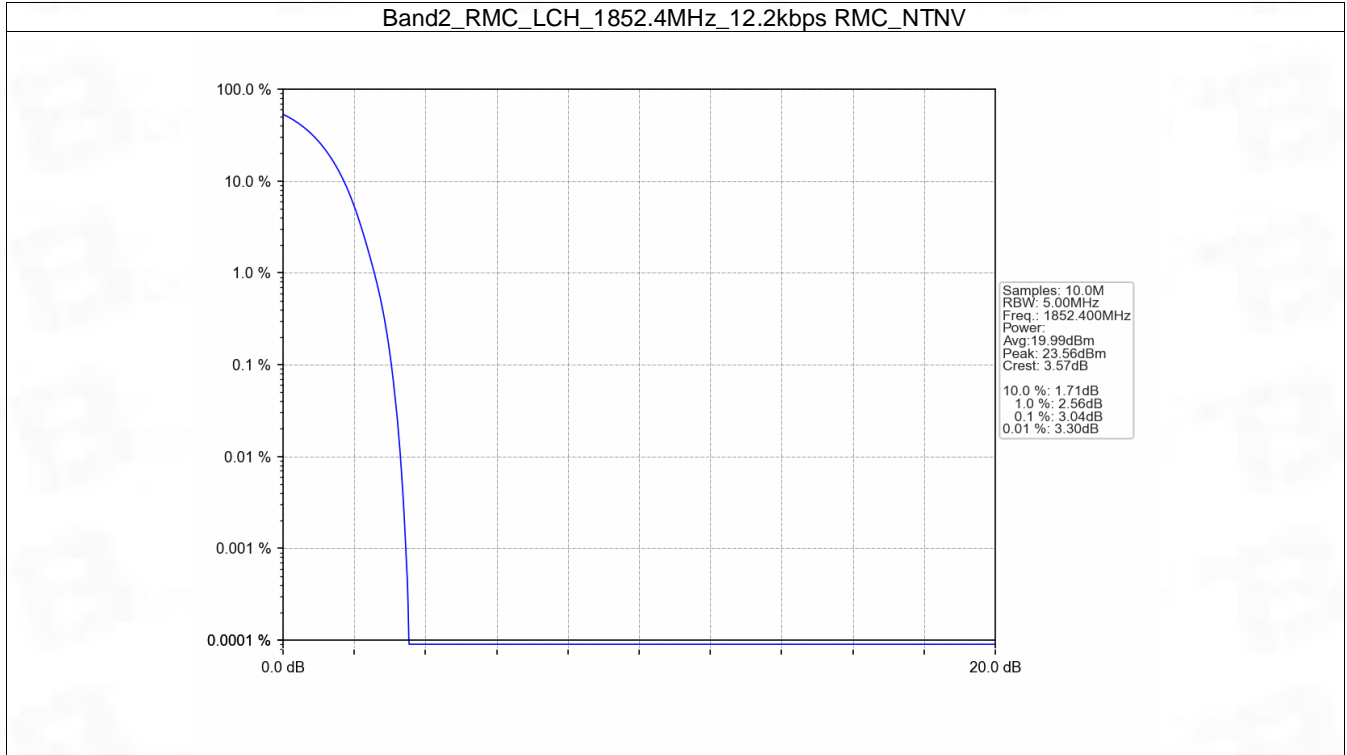
5. Peak-Average Ratio

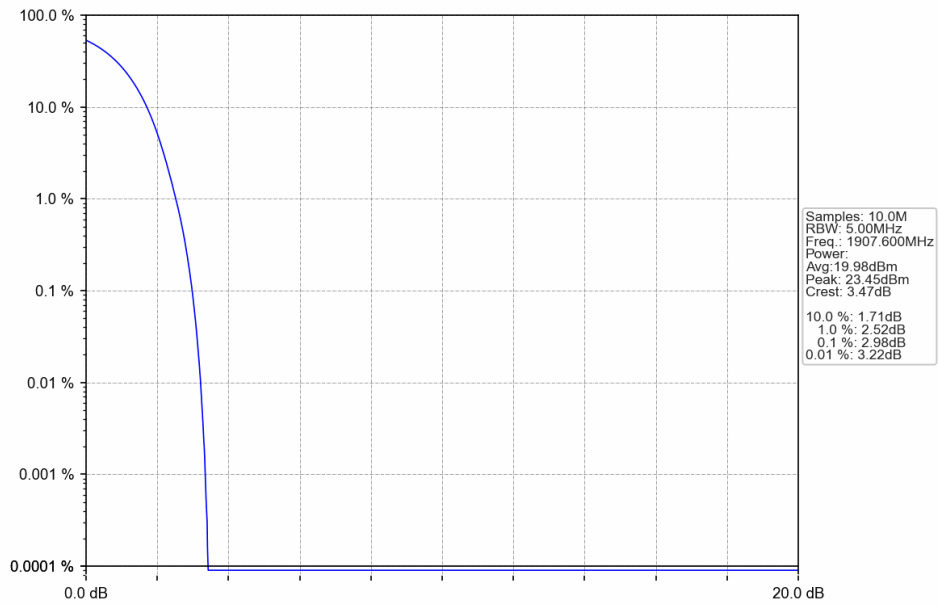
5.1 Band2

5.1.1 Test Result

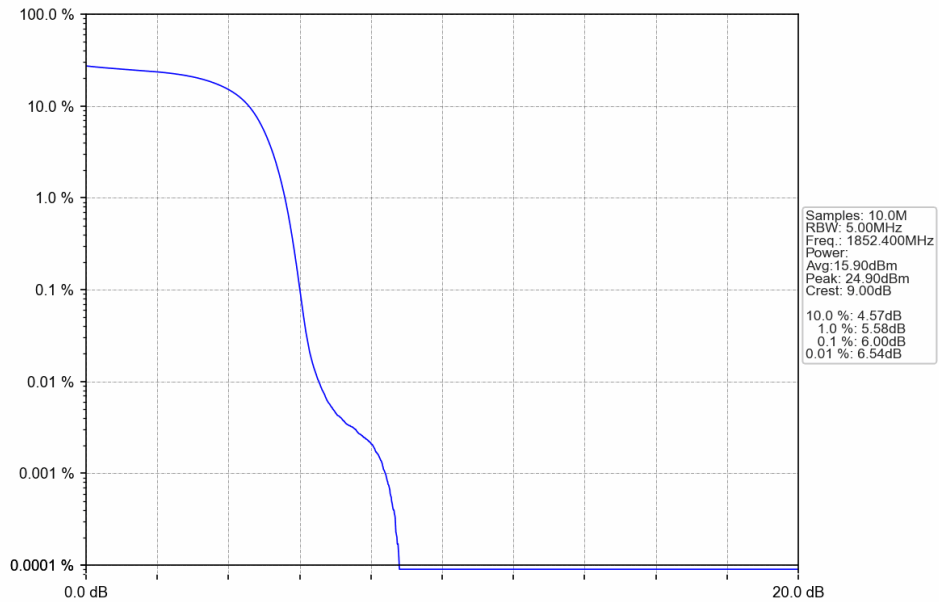
Band: 2						
ENV	Mode		Frequency (MHz)	Peak-Average Ratio (dB)		Verdict
	Network	Subset		Result	Limit	
NTNV	RMC	12.2kbps RMC	1852.4	3.04	<=13	Pass
			1880	2.89	<=13	Pass
			1907.6	2.98	<=13	Pass
	HSDPA	Subtest 1	1852.4	6.00	<=13	Pass
			1880	5.96	<=13	Pass
			1907.6	5.98	<=13	Pass
	HSUPA	Subtest 1	1852.4	5.99	<=13	Pass
			1880	5.96	<=13	Pass
			1907.6	5.97	<=13	Pass

5.1.2 Test Graph

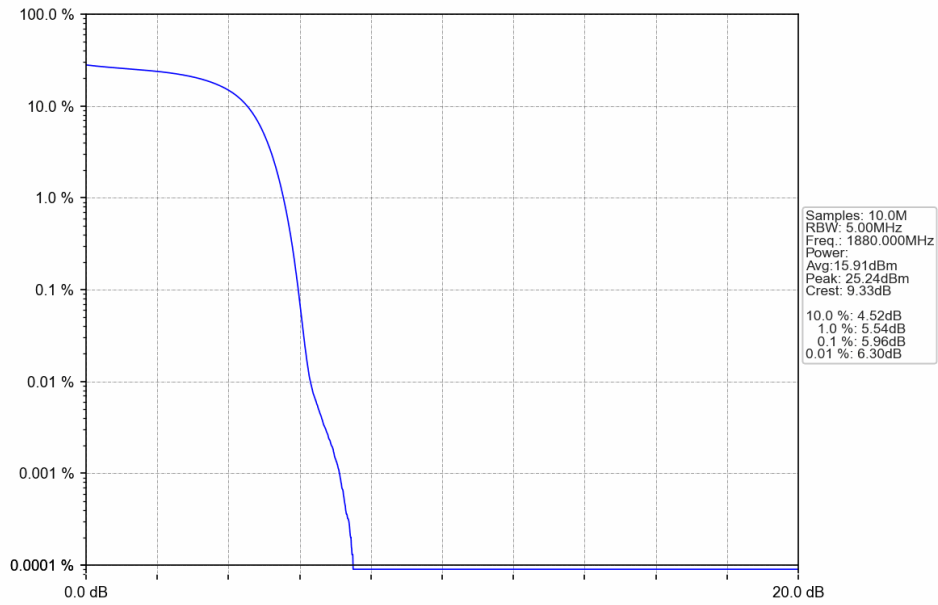




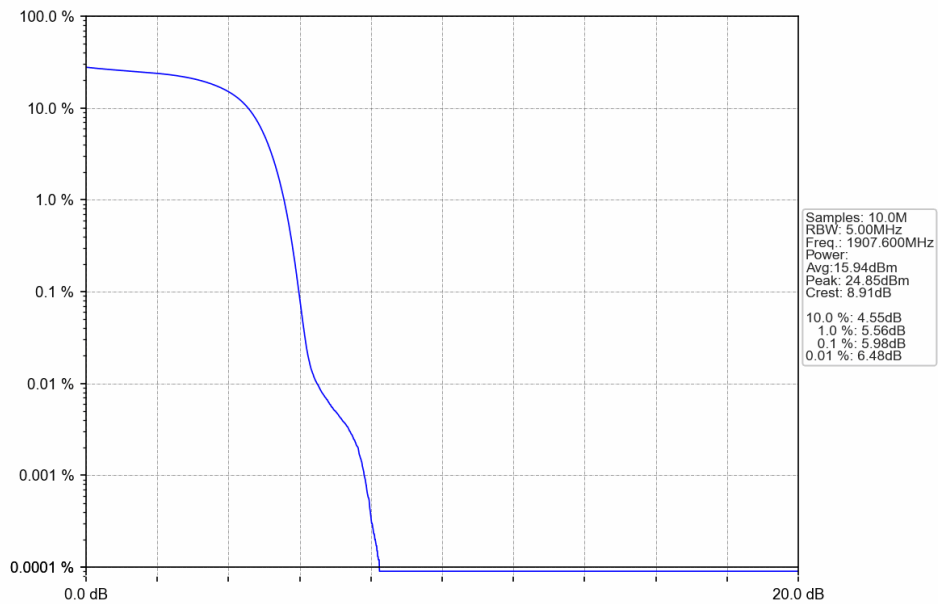
Band2_HSDPA_LCH_1852.4MHz_Subtest 1_NTNV



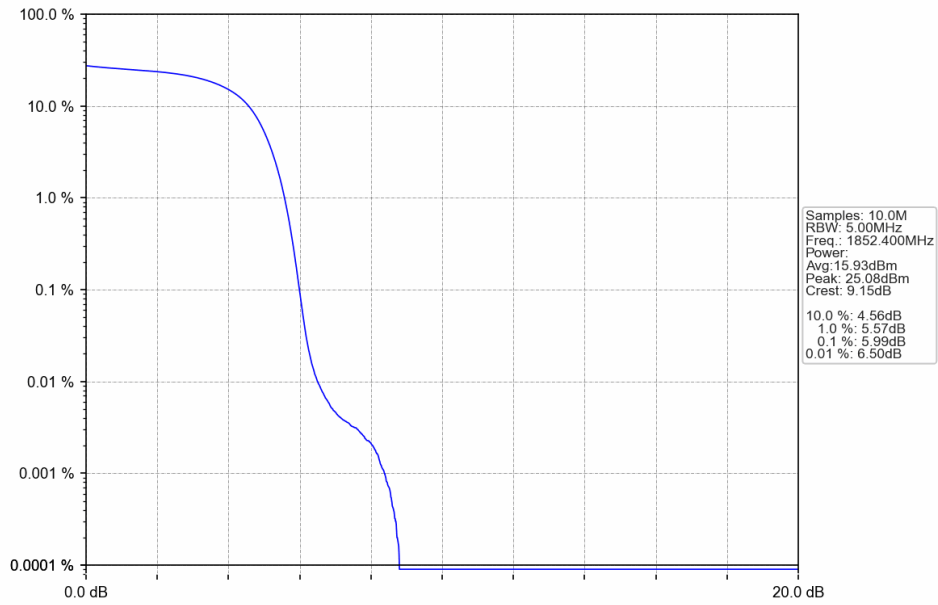
Band2_HSDPA_MCH_1880MHz_Subtest 1_NTNV



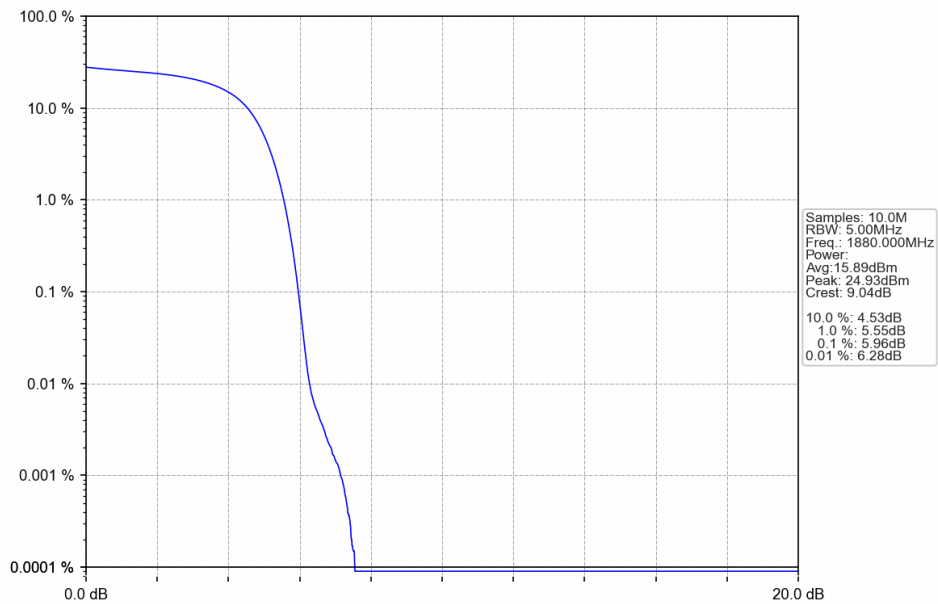
Band2_HSDPA_HCH_1907.6MHz_Subtest 1_NTNV



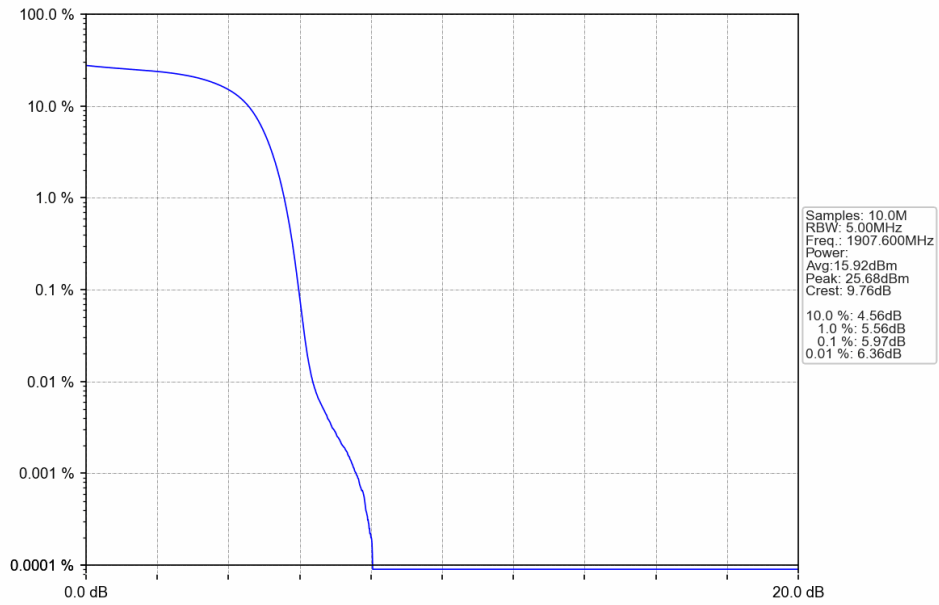
Band2_HSUPA_LCH_1852.4MHz_Subtest 1_NTNV



Band2_HSUPA_MCH_1880MHz_Subtest 1_NTNV



Band2_HSUPA_HCH_1907.6MHz_Subtest 1_NTNV



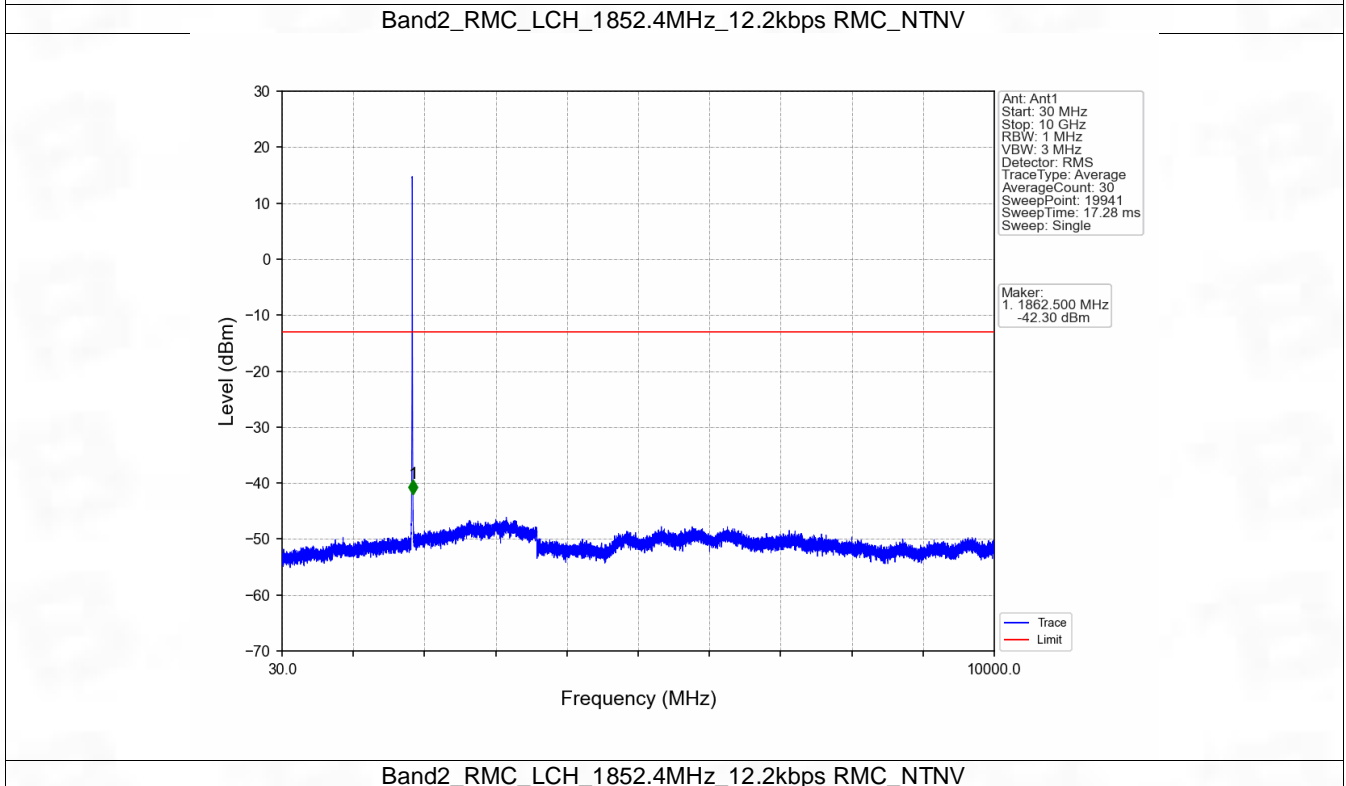
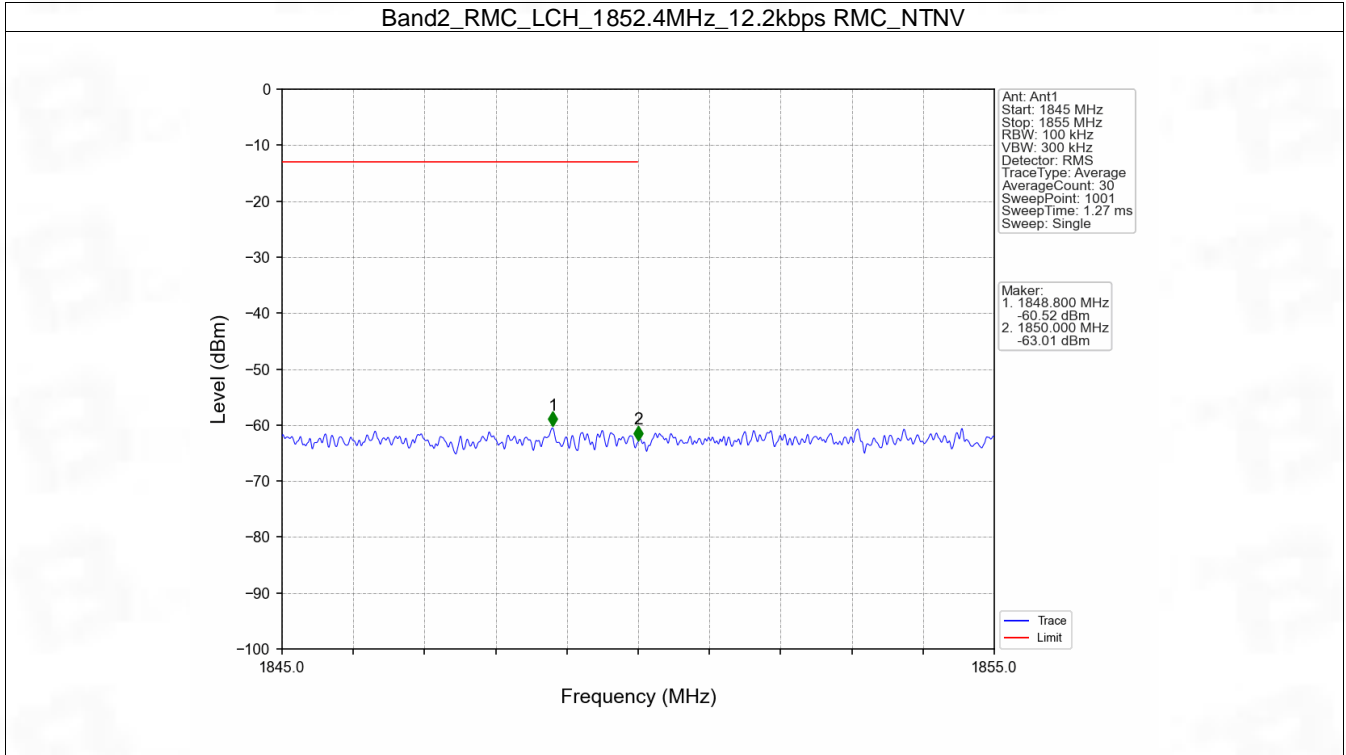
6. Spurious Emission

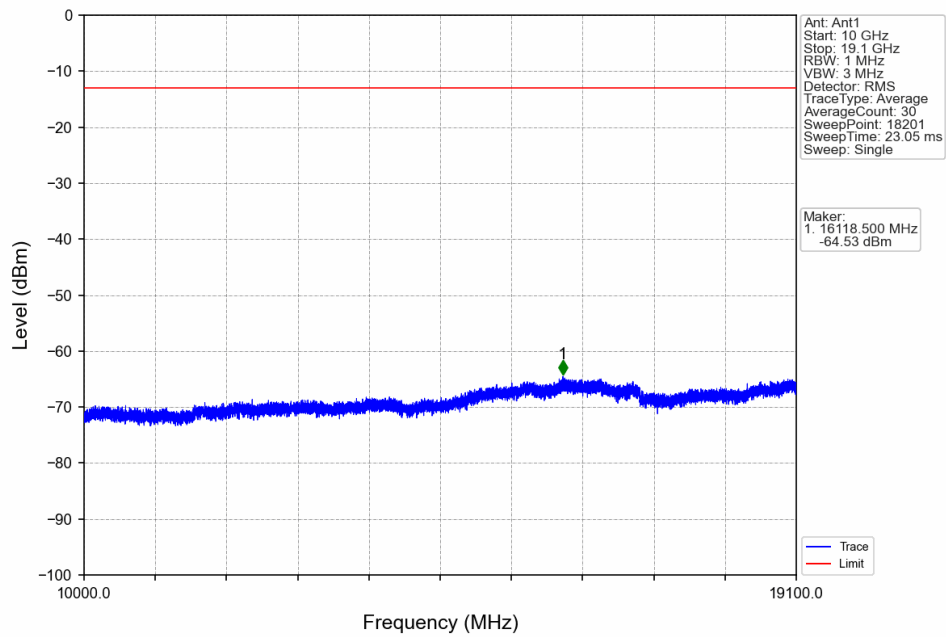
6.1 Band2

6.1.1 Test Result

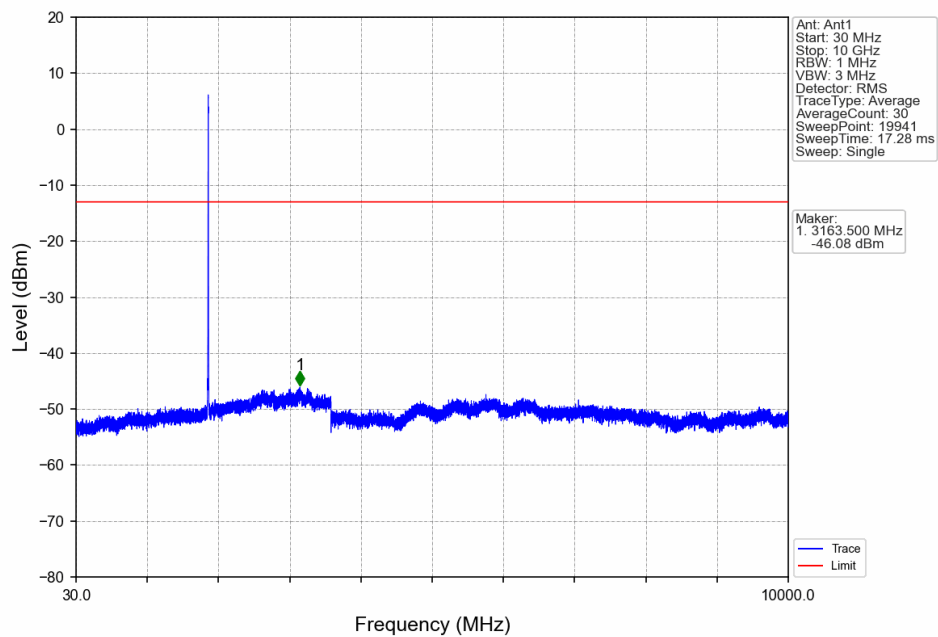
Band: 2						
ENV	Mode		Frequency (MHz)	Spurious Emission		Verdict
	Network	Subset		Result	Limit	
NTNV	RMC	12.2kbps RMC	1852.4	Refer To Test Graph		Pass
			1880	Refer To Test Graph		Pass
			1907.6	Refer To Test Graph		Pass
	HSDPA	Subtest 1	1852.4	Refer To Test Graph		Pass
			1880	Refer To Test Graph		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

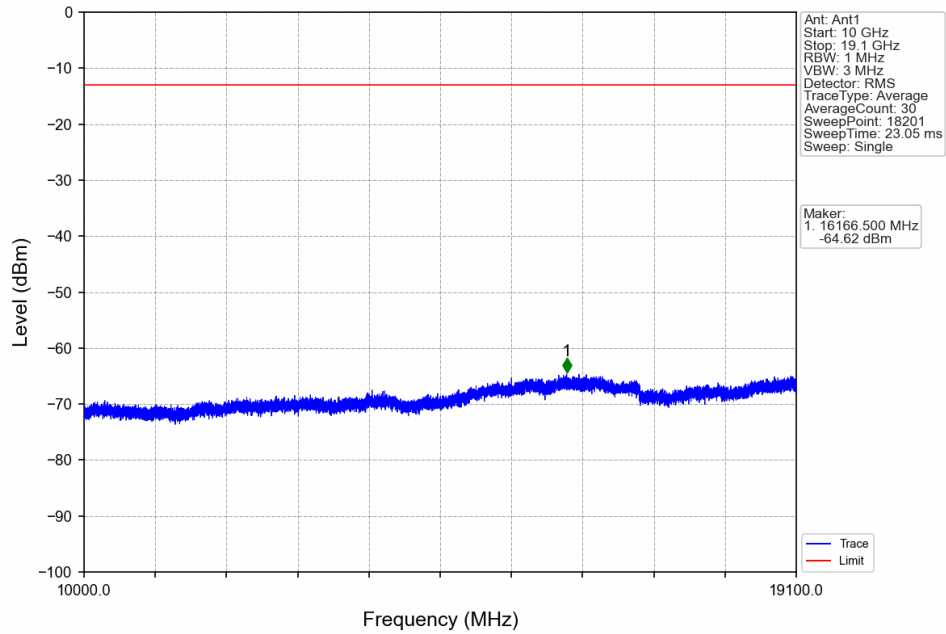




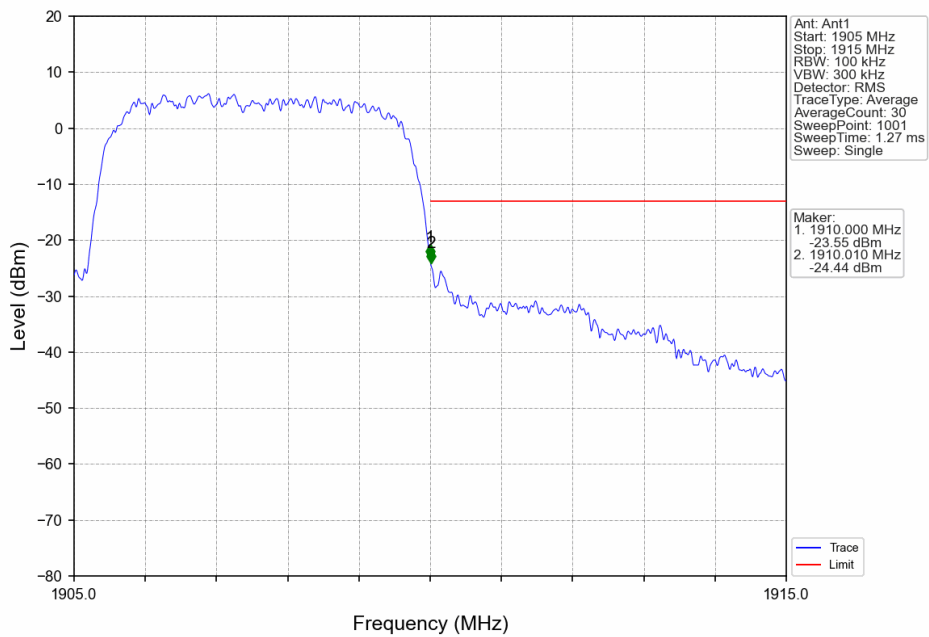
Band2_RMC_MCH_1880MHz_12.2kbps RMC_NTNV



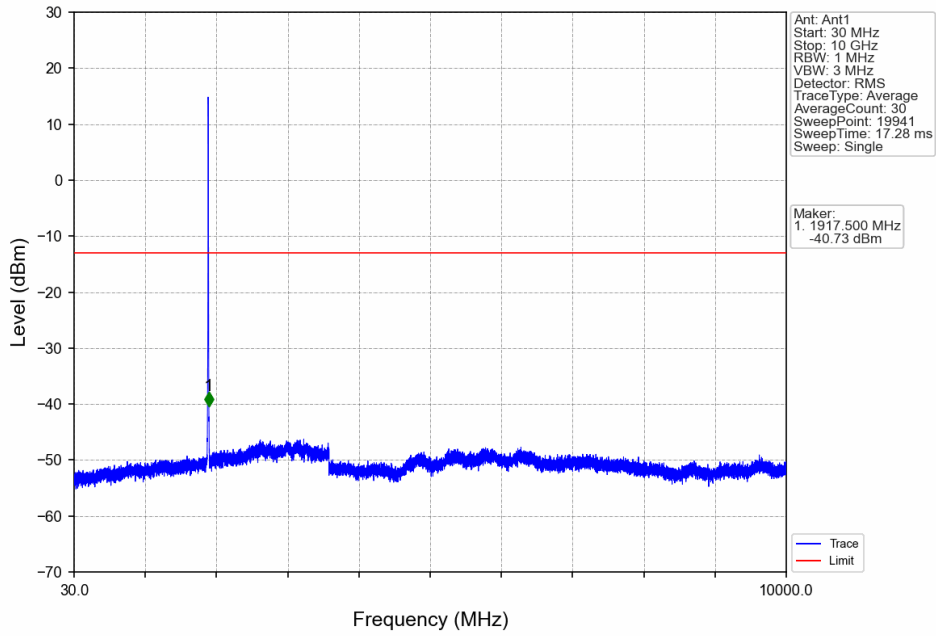
Band2_RMC_MCH_1880MHz_12.2kbps RMC_NTNV



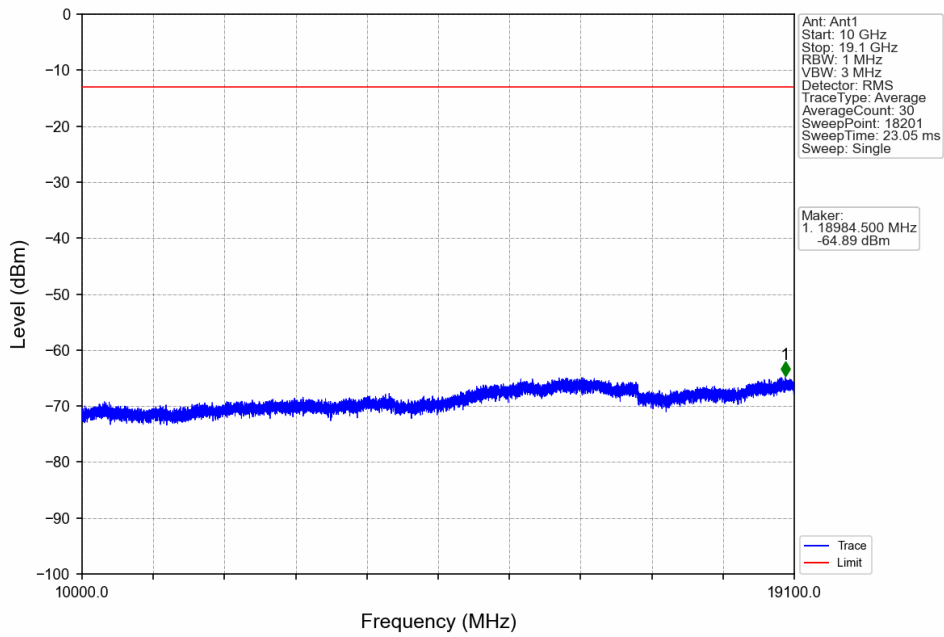
Band2_RMC_HCH_1907.6MHz_12.2kbps RMC_NTNV



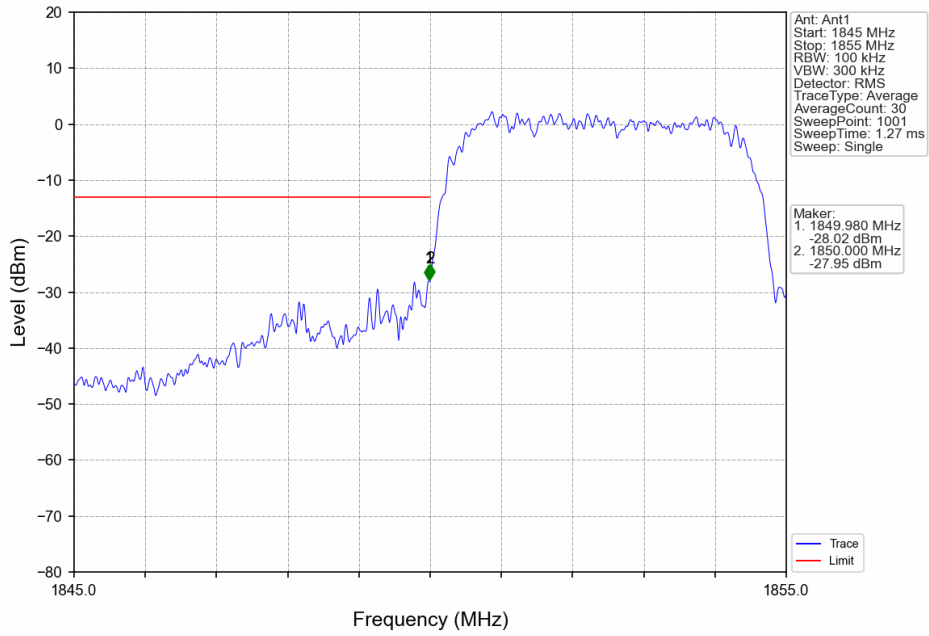
Band2_RMC_HCH_1907.6MHz_12.2kbps RMC_NTNV



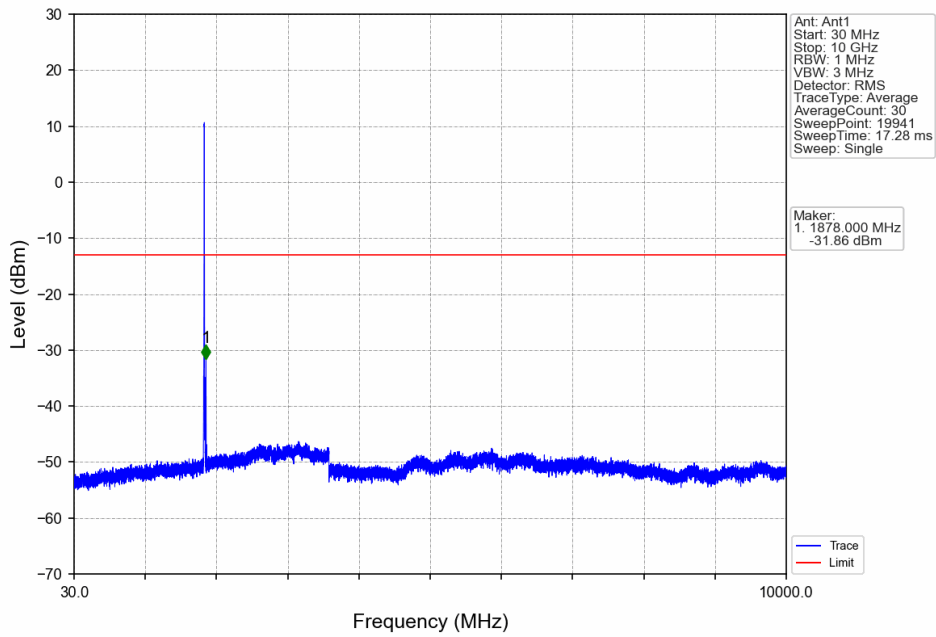
Band2_RMC_HCH_1907.6MHz_12.2kbps RMC_NTNV



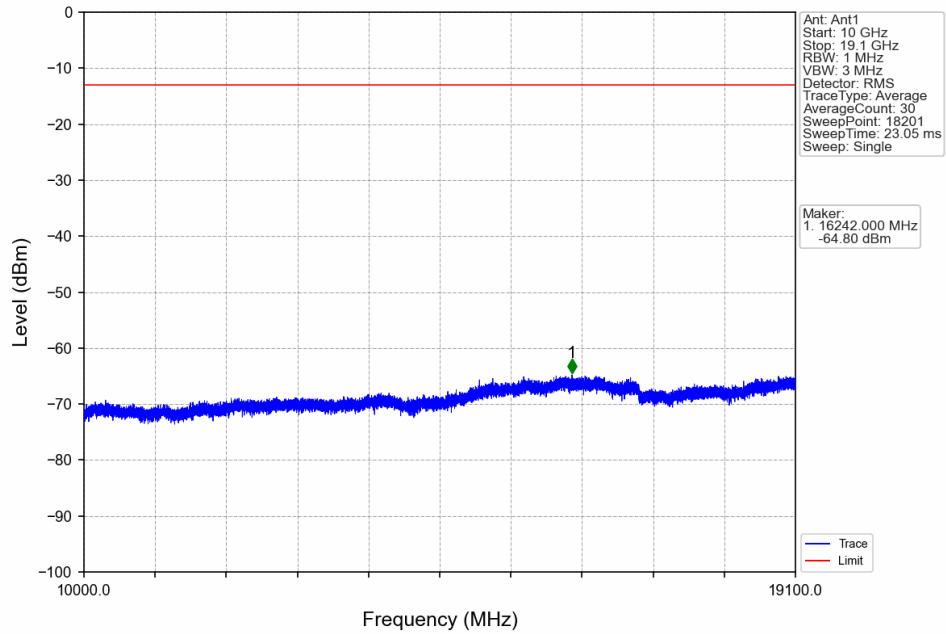
Band2_HSDPA_LCH_1852.4MHz_Subtest 1_NTNV



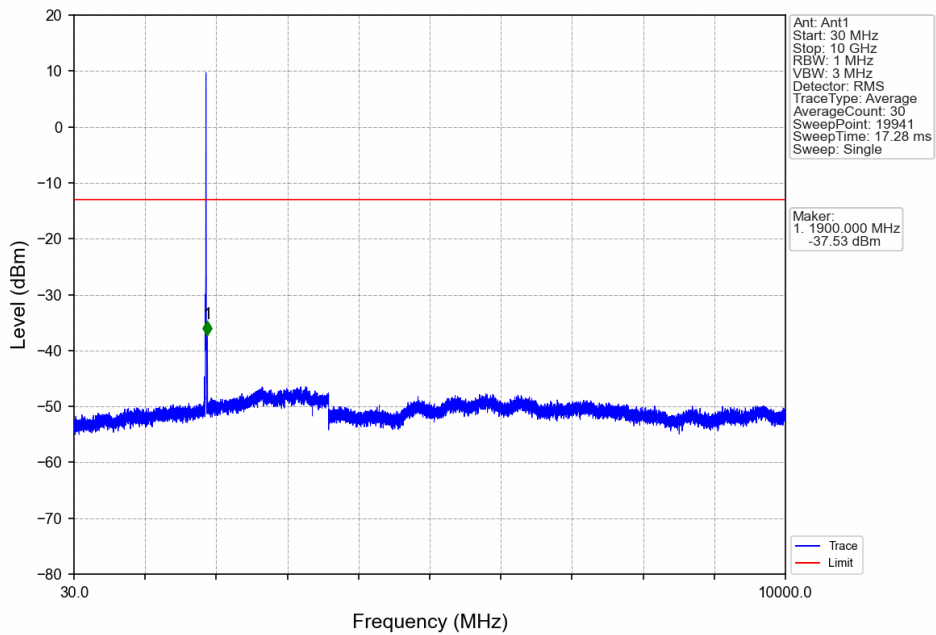
Band2_HSDPA_LCH_1852.4MHz_Subtest 1_NTNV



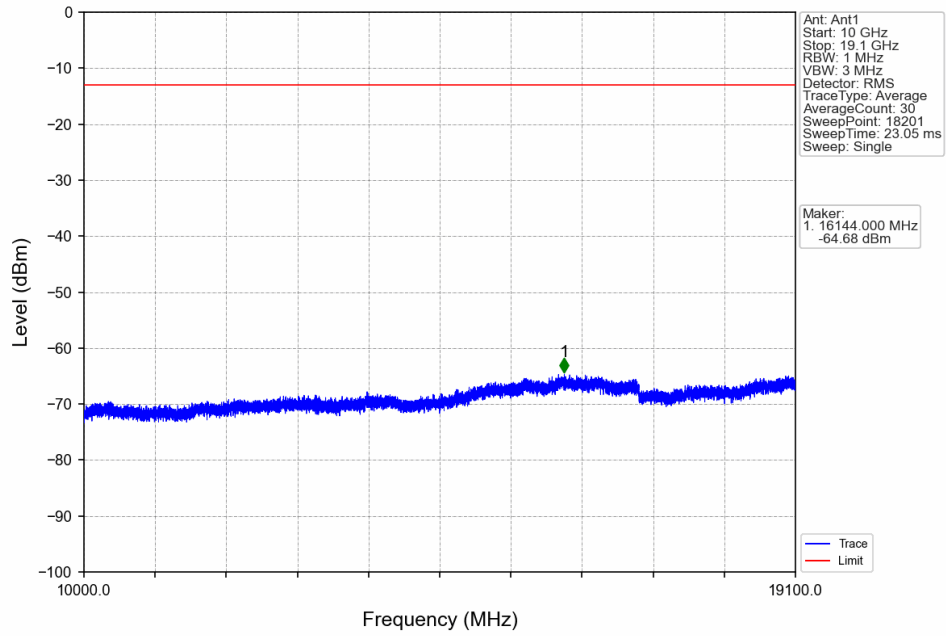
Band2_HSDPA_LCH_1852.4MHz_Subtest 1_NTNV



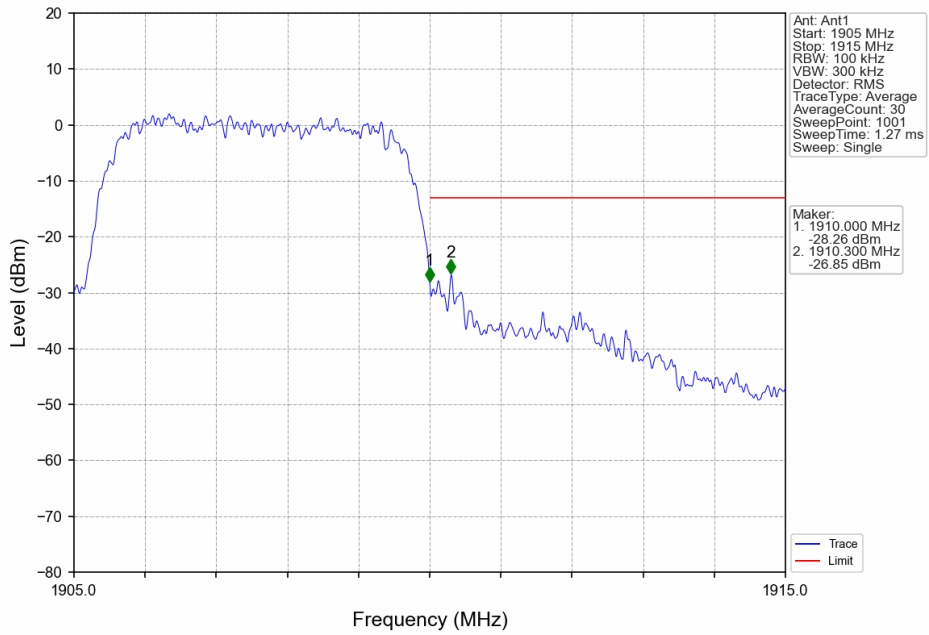
Band2_HSDPA_MCH_1880MHz_Subtest 1_NTNV



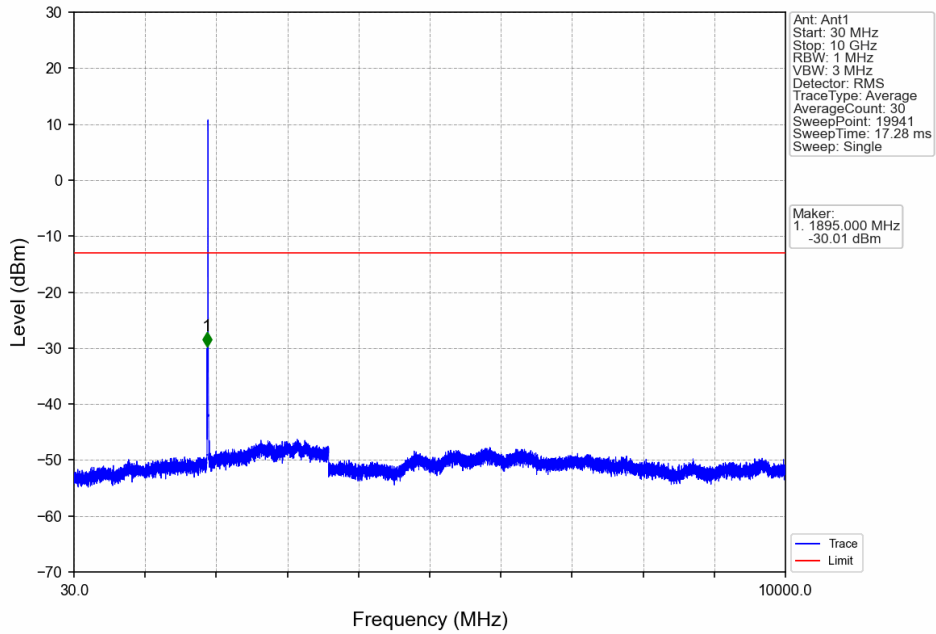
Band2_HSDPA_MCH_1880MHz_Subtest 1_NTNV



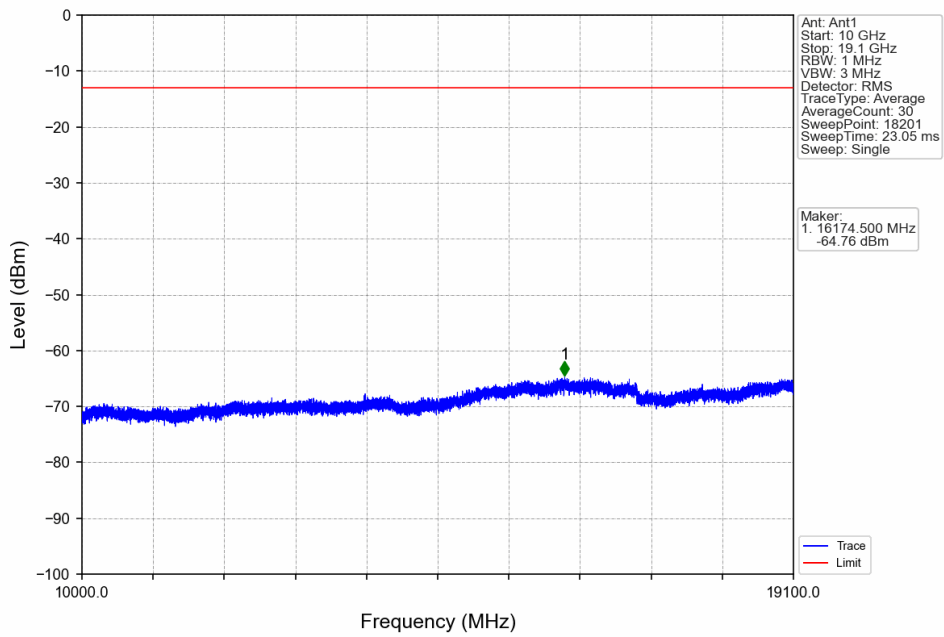
Band2_HSDPA_HCH_1907.6MHz_Subtest 1_NTNV



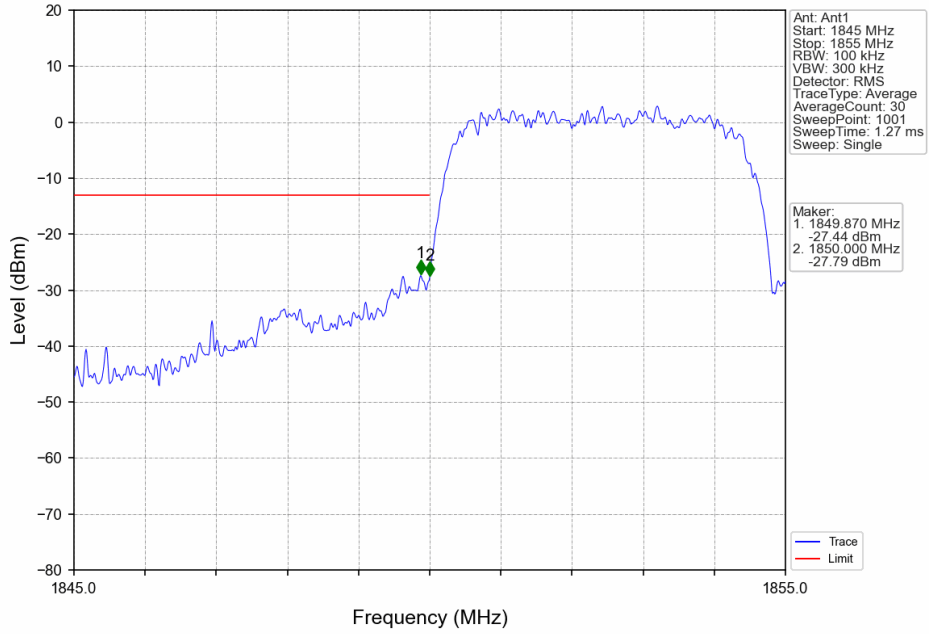
Band2_HSDPA_HCH_1907.6MHz_Subtest 1_NTNV



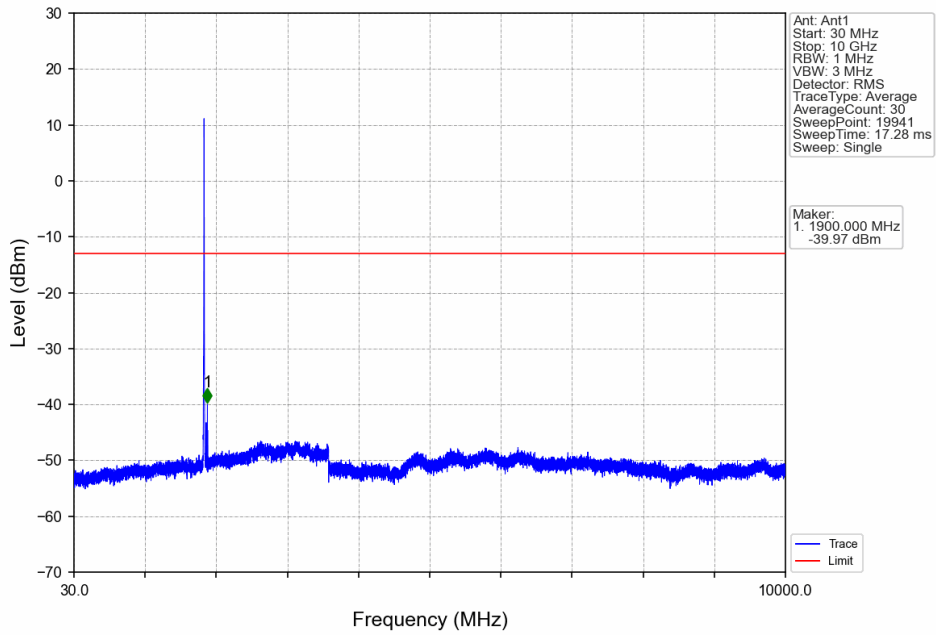
Band2_HSDPA_HCH_1907.6MHz_Subtest 1_NTNV



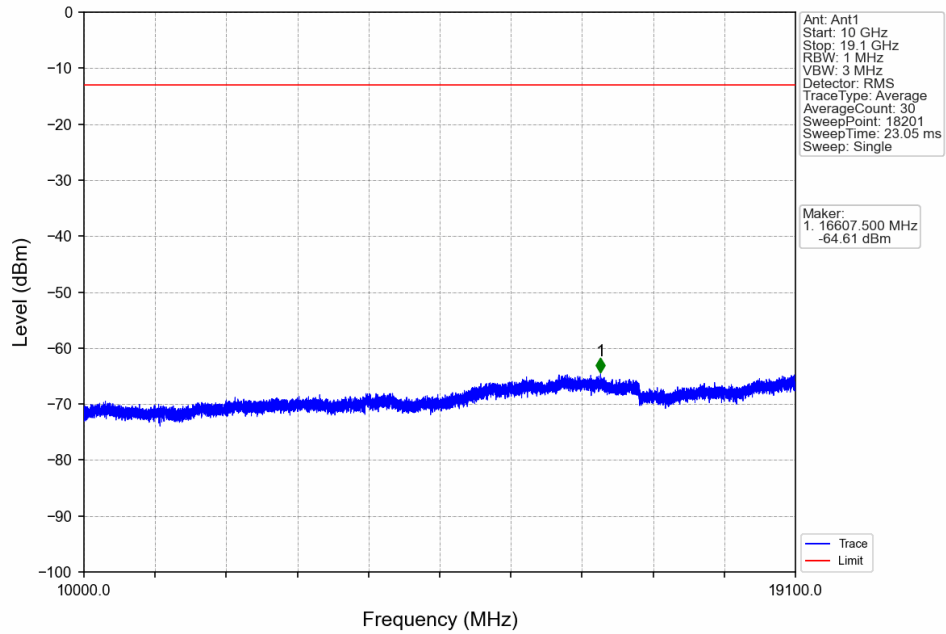
Band2_HSUPA_LCH_1852.4MHz_Subtest 1_NTNV



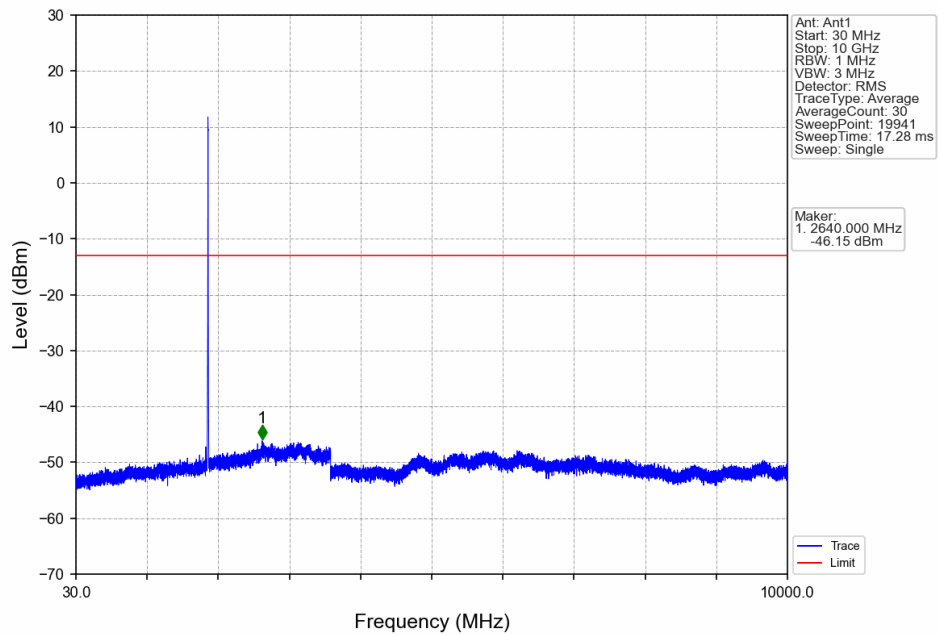
Band2_HSUPA_LCH_1852.4MHz_Subtest 1_NTNV



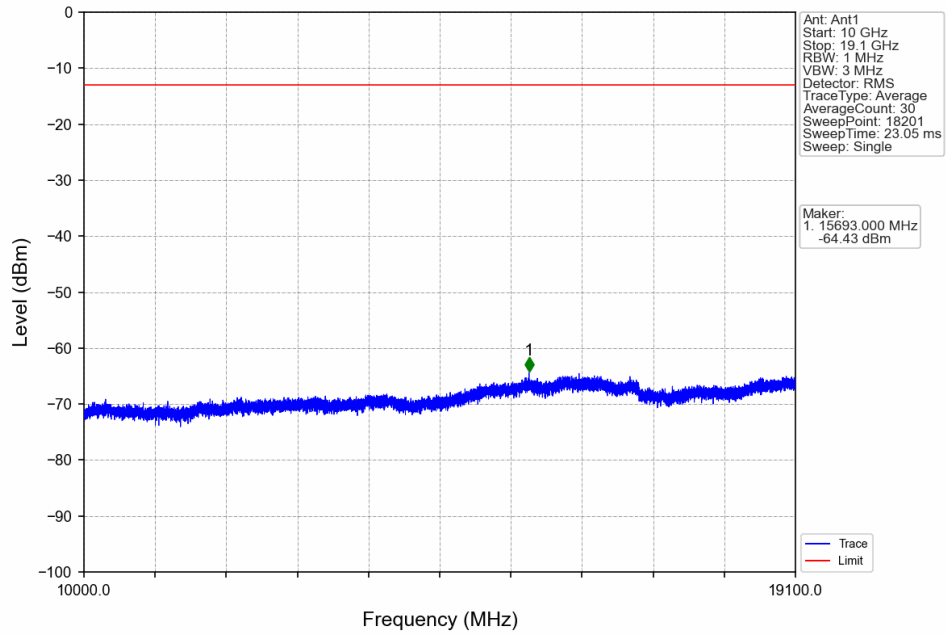
Band2_HSUPA_LCH_1852.4MHz_Subtest 1_NTNV



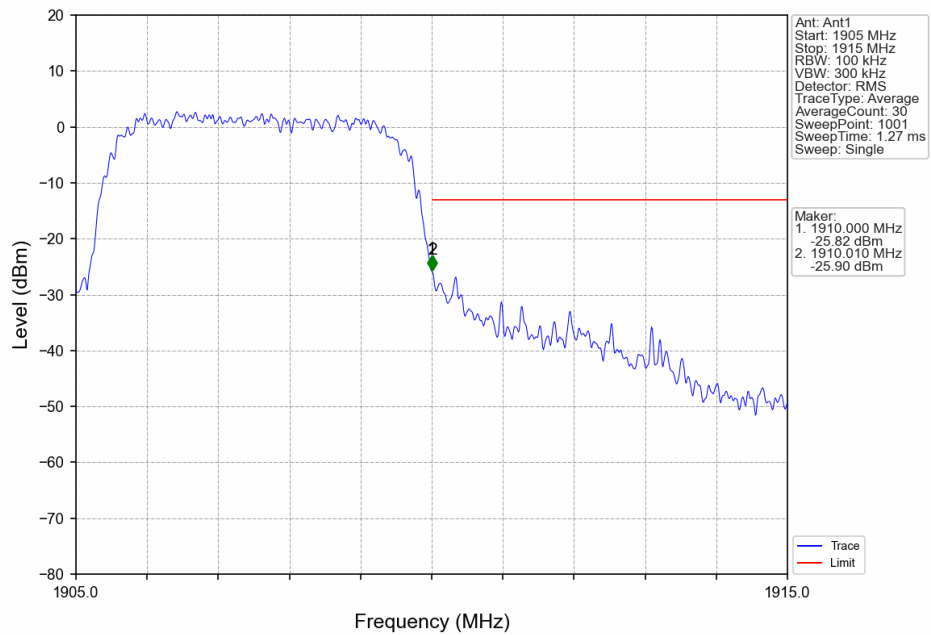
Band2_HSUPA_MCH_1880MHz_Subtest 1_NTNV



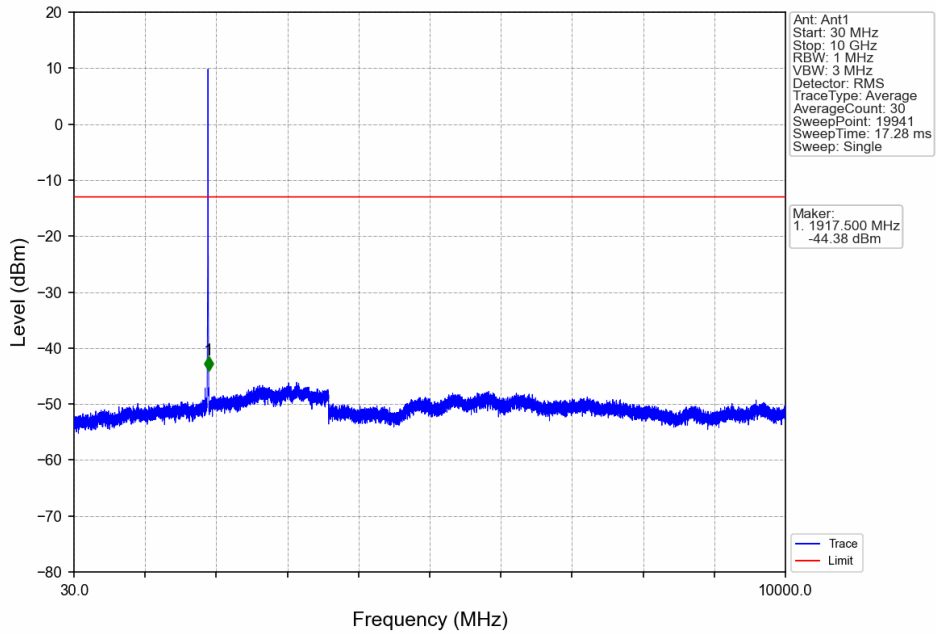
Band2_HSUPA_MCH_1880MHz_Subtest 1_NTNV



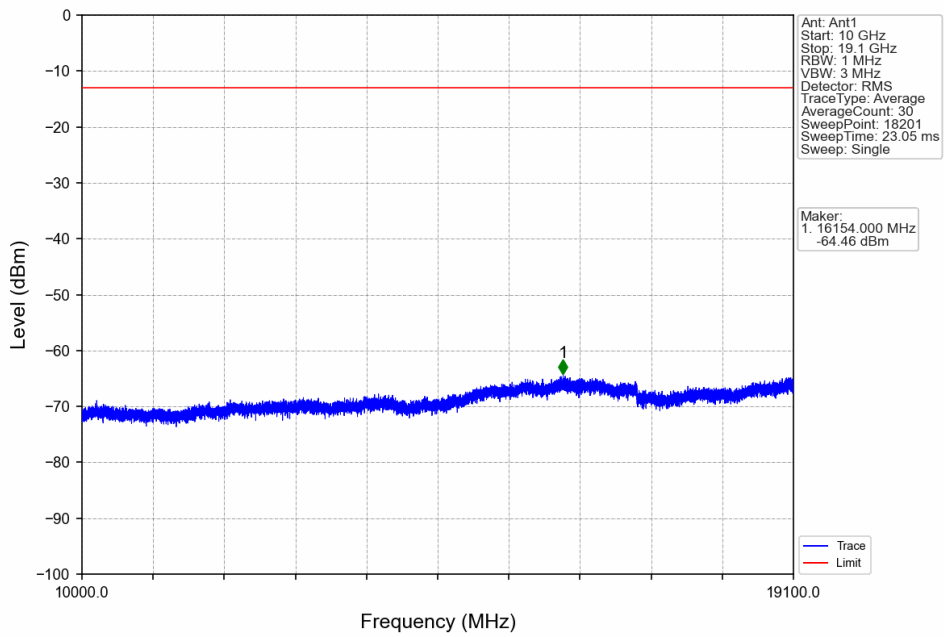
Band2_HSUPA_HCH_1907.6MHz_Subtest 1_NTNV



Band2_HSUPA_HCH_1907.6MHz_Subtest 1_NTNV



Band2_HSUPA_HCH_1907.6MHz_Subtest 1_NTNV





7. Form731

7.1 Form731_Power

7.1.1 Test Result

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
2	3.84	1852.4	1907.6	0.1710	0.0101	ppm	4M26F9W	24E	22.33

7.2 Form731_EIRP

7.2.1 Test Result

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
2	3.84	1852.4	1907.6	0.2000	0.0101	ppm	4M26F9W	24E	23.01