

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 BandII_EIRP

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	24.74	-0.35	24.39	<=33.01	Pass	
			1880	24.61	-0.35	24.26	<=33.01	Pass	
			1907.6	24.33	-0.35	23.98	<=33.01	Pass	
	HSDPA	Subtest 1	1852.4	22.50	-0.35	22.15	<=33.01	Pass	
		Subtest 2	1852.4	22.54	-0.35	22.19	<=33.01	Pass	
		Subtest 3	1852.4	20.98	-0.35	20.63	<=33.01	Pass	
		Subtest 4	1852.4	21.59	-0.35	21.24	<=33.01	Pass	
		Subtest 1	1880	22.43	-0.35	22.08	<=33.01	Pass	
		Subtest 2	1880	22.40	-0.35	22.05	<=33.01	Pass	
		Subtest 3	1880	22.40	-0.35	22.05	<=33.01	Pass	
		Subtest 4	1880	22.42	-0.35	22.07	<=33.01	Pass	
		Subtest 1	1907.6	22.34	-0.35	21.99	<=33.01	Pass	
		Subtest 2	1907.6	22.32	-0.35	21.97	<=33.01	Pass	
		Subtest 3	1907.6	22.34	-0.35	21.99	<=33.01	Pass	
		Subtest 4	1907.6	22.33	-0.35	21.98	<=33.01	Pass	
		HSUPA	Subtest 1	1852.4	20.13	-0.35	19.78	<=33.01	Pass
			Subtest 2	1852.4	20.53	-0.35	20.18	<=33.01	Pass
			Subtest 3	1852.4	19.41	-0.35	19.06	<=33.01	Pass
	Subtest 4		1852.4	20.23	-0.35	19.88	<=33.01	Pass	
	Subtest 5		1852.4	19.89	-0.35	19.54	<=33.01	Pass	
	Subtest 1		1880	20.07	-0.35	19.72	<=33.01	Pass	
	Subtest 2		1880	20.39	-0.35	20.04	<=33.01	Pass	
	Subtest 3		1880	19.14	-0.35	18.79	<=33.01	Pass	
	Subtest 4		1880	20.12	-0.35	19.77	<=33.01	Pass	
	Subtest 5		1880	20.04	-0.35	19.69	<=33.01	Pass	
	Subtest 1		1907.6	20.29	-0.35	19.94	<=33.01	Pass	
	Subtest 2		1907.6	20.35	-0.35	20.00	<=33.01	Pass	
	Subtest 3		1907.6	19.09	-0.35	18.74	<=33.01	Pass	
Subtest 4	1907.6		20.08	-0.35	19.73	<=33.01	Pass		
Subtest 5	1907.6		19.99	-0.35	19.64	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 Test Result

2.1.1 BandII

Band: II							
Network	Frequency (MHz)	Temp. (°C)	Voltage	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
					Result	Limit	
RMC	1852.4	20	LV	-3.526	-0.0019	-2.5 to 2.5	Pass
			NV	-3.376	-0.0018	-2.5 to 2.5	Pass
			HV	-4.849	-0.0026	-2.5 to 2.5	Pass
		-30	NV	-4.091	-0.0022	-2.5 to 2.5	Pass
		-20	NV	-3.505	-0.0019	-2.5 to 2.5	Pass
		-10	NV	-3.963	-0.0021	-2.5 to 2.5	Pass
		0	NV	-3.798	-0.0021	-2.5 to 2.5	Pass
		10	NV	-1.967	-0.0011	-2.5 to 2.5	Pass
		30	NV	-3.870	-0.0021	-2.5 to 2.5	Pass
		40	NV	-2.275	-0.0012	-2.5 to 2.5	Pass
	50	NV	-0.730	-0.0004	-2.5 to 2.5	Pass	
	1880	20	LV	-3.047	-0.0016	-2.5 to 2.5	Pass
			NV	-2.289	-0.0012	-2.5 to 2.5	Pass
			HV	-4.449	-0.0024	-2.5 to 2.5	Pass
		-30	NV	-3.505	-0.0019	-2.5 to 2.5	Pass
		-20	NV	-0.236	-0.0001	-2.5 to 2.5	Pass
		-10	NV	-1.295	-0.0007	-2.5 to 2.5	Pass
		0	NV	-2.890	-0.0015	-2.5 to 2.5	Pass
		10	NV	-4.091	-0.0022	-2.5 to 2.5	Pass
		30	NV	-0.501	-0.0003	-2.5 to 2.5	Pass
		40	NV	-4.113	-0.0022	-2.5 to 2.5	Pass
	50	NV	-2.317	-0.0012	-2.5 to 2.5	Pass	
	1907.6	20	LV	0.379	0.0002	-2.5 to 2.5	Pass
			NV	-0.844	-0.0004	-2.5 to 2.5	Pass
			HV	-3.333	-0.0017	-2.5 to 2.5	Pass
		-30	NV	0.021	0.0000	-2.5 to 2.5	Pass
		-20	NV	-1.302	-0.0007	-2.5 to 2.5	Pass
		-10	NV	-3.469	-0.0018	-2.5 to 2.5	Pass
		0	NV	0.658	0.0003	-2.5 to 2.5	Pass
		10	NV	-2.775	-0.0015	-2.5 to 2.5	Pass
30		NV	-0.844	-0.0004	-2.5 to 2.5	Pass	
40		NV	-2.947	-0.0015	-2.5 to 2.5	Pass	
50	NV	-3.347	-0.0018	-2.5 to 2.5	Pass		
HSDPA	1852.4	20	LV	-6.280	-0.0034	-2.5 to 2.5	Pass
			NV	-0.379	-0.0002	-2.5 to 2.5	Pass
			HV	-2.038	-0.0011	-2.5 to 2.5	Pass
		-30	NV	0.601	0.0003	-2.5 to 2.5	Pass
		-20	NV	-1.996	-0.0011	-2.5 to 2.5	Pass
		-10	NV	-0.279	-0.0002	-2.5 to 2.5	Pass
		0	NV	-0.579	-0.0003	-2.5 to 2.5	Pass
		10	NV	-2.618	-0.0014	-2.5 to 2.5	Pass
		30	NV	-0.300	-0.0002	-2.5 to 2.5	Pass
		40	NV	-5.658	-0.0031	-2.5 to 2.5	Pass
	50	NV	-2.224	-0.0012	-2.5 to 2.5	Pass	
	1880	20	LV	-1.080	-0.0006	-2.5 to 2.5	Pass
			NV	-0.122	-0.0001	-2.5 to 2.5	Pass
HV			0.994	0.0005	-2.5 to 2.5	Pass	

		-30	NV	-3.705	-0.0020	-2.5 to 2.5	Pass	
		-20	NV	-3.026	-0.0016	-2.5 to 2.5	Pass	
		-10	NV	-2.389	-0.0013	-2.5 to 2.5	Pass	
		0	NV	-0.880	-0.0005	-2.5 to 2.5	Pass	
		10	NV	0.293	0.0002	-2.5 to 2.5	Pass	
		30	NV	-1.059	-0.0006	-2.5 to 2.5	Pass	
		40	NV	-1.109	-0.0006	-2.5 to 2.5	Pass	
		50	NV	-0.894	-0.0005	-2.5 to 2.5	Pass	
		1907.6	20	LV	-1.760	-0.0009	-2.5 to 2.5	Pass
				NV	-2.139	-0.0011	-2.5 to 2.5	Pass
				HV	-1.581	-0.0008	-2.5 to 2.5	Pass
			-30	NV	-1.023	-0.0005	-2.5 to 2.5	Pass
			-20	NV	-1.416	-0.0007	-2.5 to 2.5	Pass
			-10	NV	-1.881	-0.0010	-2.5 to 2.5	Pass
0	NV		-2.203	-0.0012	-2.5 to 2.5	Pass		
10	NV		-2.282	-0.0012	-2.5 to 2.5	Pass		
30	NV		-1.581	-0.0008	-2.5 to 2.5	Pass		
40	NV		-2.139	-0.0011	-2.5 to 2.5	Pass		
50	NV	-1.159	-0.0006	-2.5 to 2.5	Pass			
HSUPA	1852.4	20	LV	-3.505	-0.0019	-2.5 to 2.5	Pass	
			NV	0.050	0.0000	-2.5 to 2.5	Pass	
			HV	0.472	0.0003	-2.5 to 2.5	Pass	
		-30	NV	0.336	0.0002	-2.5 to 2.5	Pass	
		-20	NV	3.712	0.0020	-2.5 to 2.5	Pass	
		-10	NV	4.213	0.0023	-2.5 to 2.5	Pass	
		0	NV	5.543	0.0030	-2.5 to 2.5	Pass	
		10	NV	2.489	0.0013	-2.5 to 2.5	Pass	
		30	NV	3.784	0.0020	-2.5 to 2.5	Pass	
		40	NV	6.115	0.0033	-2.5 to 2.5	Pass	
	50	NV	-2.782	-0.0015	-2.5 to 2.5	Pass		
	1880	20	LV	-0.958	-0.0005	-2.5 to 2.5	Pass	
			NV	5.050	0.0027	-2.5 to 2.5	Pass	
			HV	1.302	0.0007	-2.5 to 2.5	Pass	
		-30	NV	2.089	0.0011	-2.5 to 2.5	Pass	
		-20	NV	-0.114	-0.0001	-2.5 to 2.5	Pass	
		-10	NV	1.745	0.0009	-2.5 to 2.5	Pass	
		0	NV	2.410	0.0013	-2.5 to 2.5	Pass	
		10	NV	-3.726	-0.0020	-2.5 to 2.5	Pass	
		30	NV	-5.164	-0.0027	-2.5 to 2.5	Pass	
		40	NV	-0.629	-0.0003	-2.5 to 2.5	Pass	
	50	NV	2.983	0.0016	-2.5 to 2.5	Pass		
	1907.6	20	LV	-1.981	-0.0010	-2.5 to 2.5	Pass	
			NV	0.086	0.0000	-2.5 to 2.5	Pass	
HV			0.050	0.0000	-2.5 to 2.5	Pass		
-30		NV	3.920	0.0021	-2.5 to 2.5	Pass		
-20		NV	3.276	0.0017	-2.5 to 2.5	Pass		
-10		NV	-1.116	-0.0006	-2.5 to 2.5	Pass		
0		NV	-0.114	-0.0001	-2.5 to 2.5	Pass		
10		NV	1.738	0.0009	-2.5 to 2.5	Pass		
30		NV	-0.443	-0.0002	-2.5 to 2.5	Pass		
40		NV	-3.462	-0.0018	-2.5 to 2.5	Pass		
50	NV	-0.894	-0.0005	-2.5 to 2.5	Pass			

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 BandII_OBW

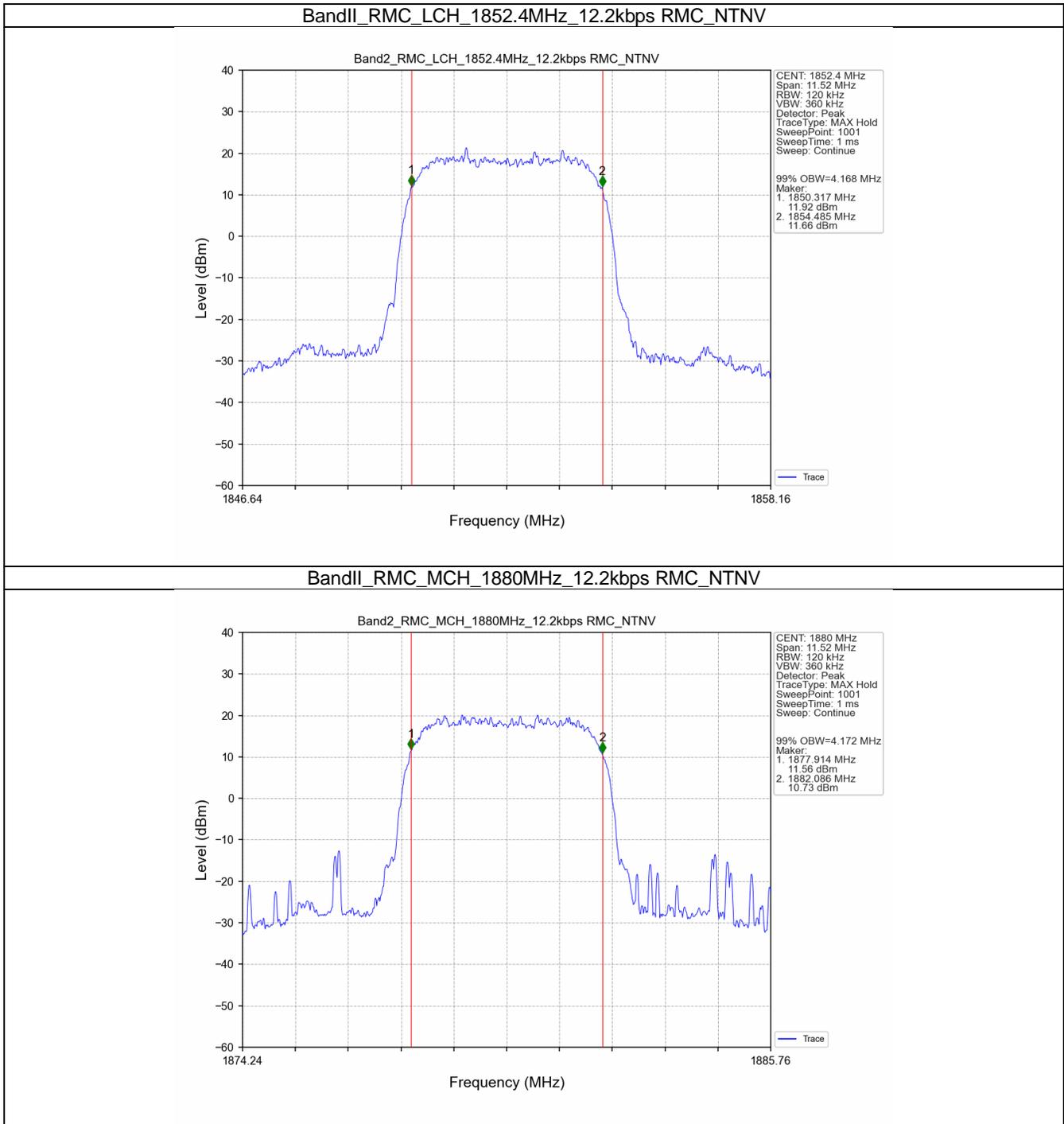
Band: II						
ENV	Mode		Frequency (MHz)	99% Occupied Bandwidth (MHz)		Verdict
	Network	Subset		Result	Limit	
NTNV	RMC	12.2kbps RMC	1852.4	4.168	/	Pass
			1880	4.172	/	Pass
			1907.6	4.179	/	Pass
	HSDPA	Subtest 1	1852.4	4.191	/	Pass
			1880	4.173	/	Pass
			1907.6	4.161	/	Pass
	HSUPA	Subtest 1	1852.4	4.187	/	Pass
			1880	4.205	/	Pass
			1907.6	4.186	/	Pass

3.1.2 BandII_XDB

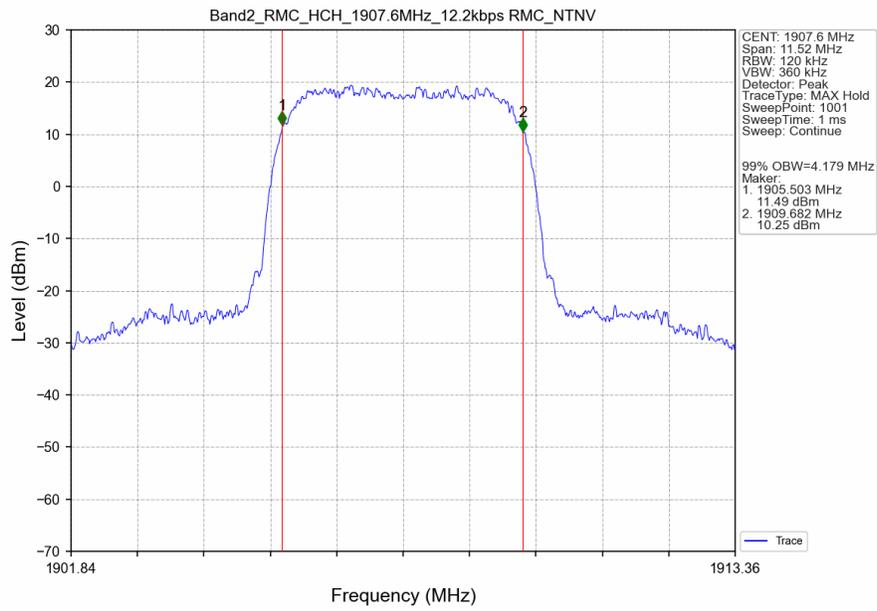
Band: II						
ENV	Mode		Frequency (MHz)	26dB Bandwidth (MHz)		Verdict
	Network	Subset		Result	Limit	
NTNV	RMC	12.2kbps RMC	1852.4	4.720	/	Pass
			1880	4.746	/	Pass
			1907.6	4.757	/	Pass
	HSDPA	Subtest 1	1852.4	4.730	/	Pass
			1880	4.756	/	Pass
			1907.6	4.742	/	Pass
	HSUPA	Subtest 1	1852.4	4.743	/	Pass
			1880	4.761	/	Pass
			1907.6	4.751	/	Pass

3.2 Test Graph

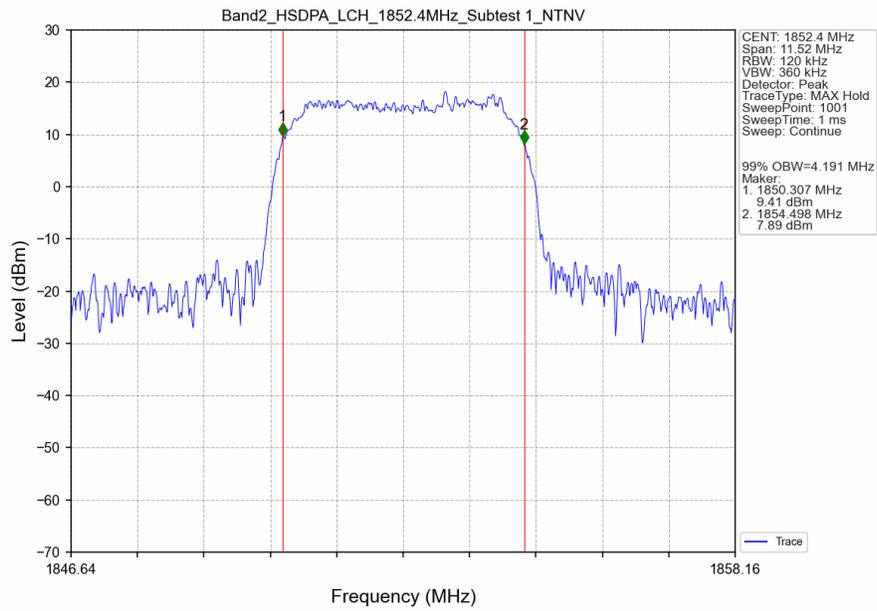
3.2.1 BandII_OBW



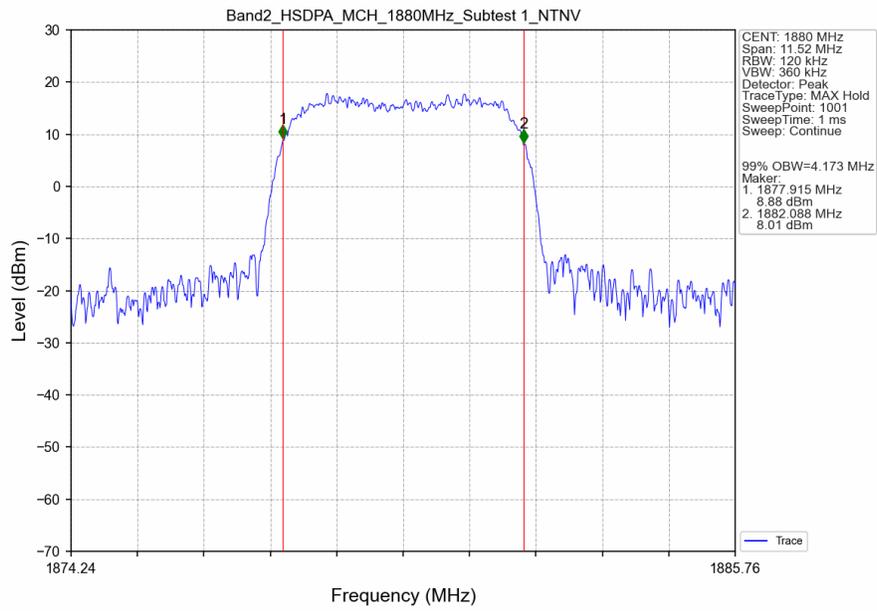
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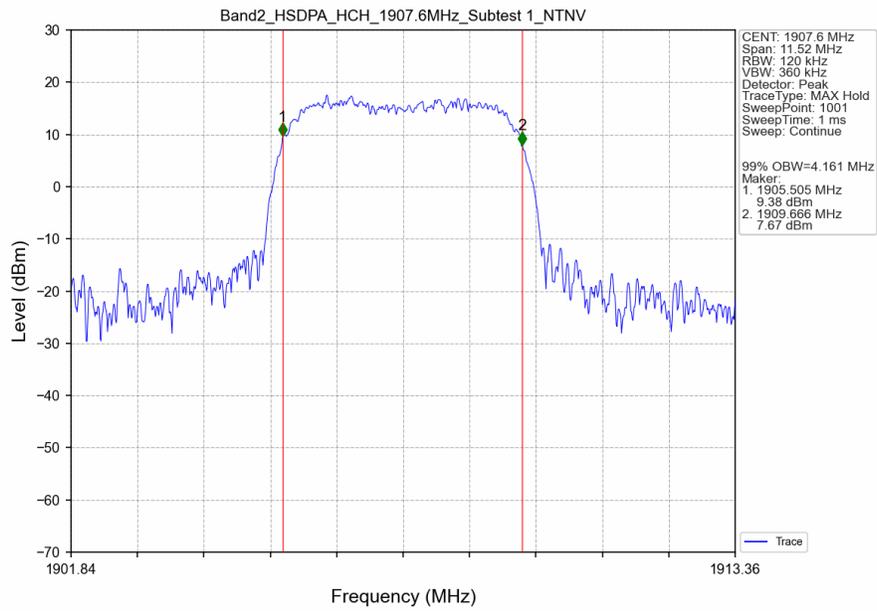
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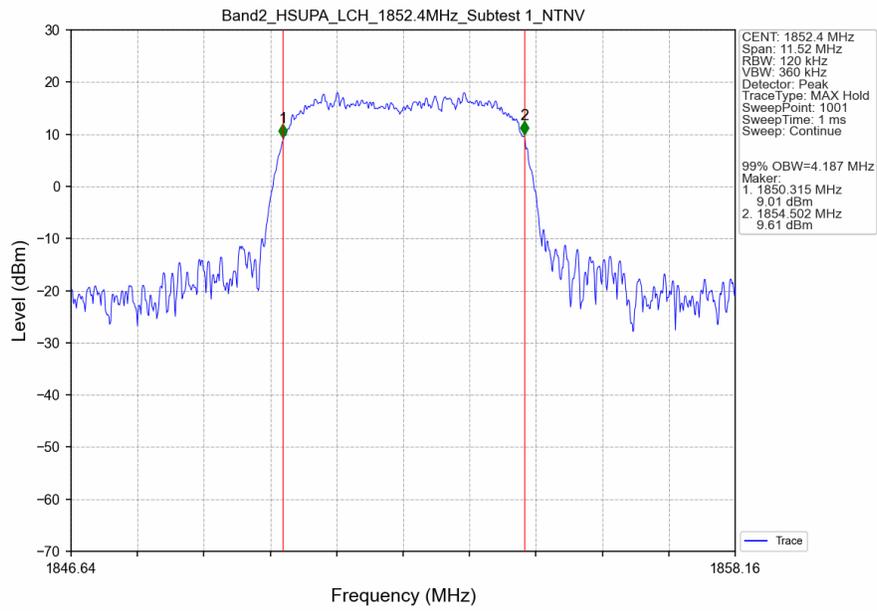
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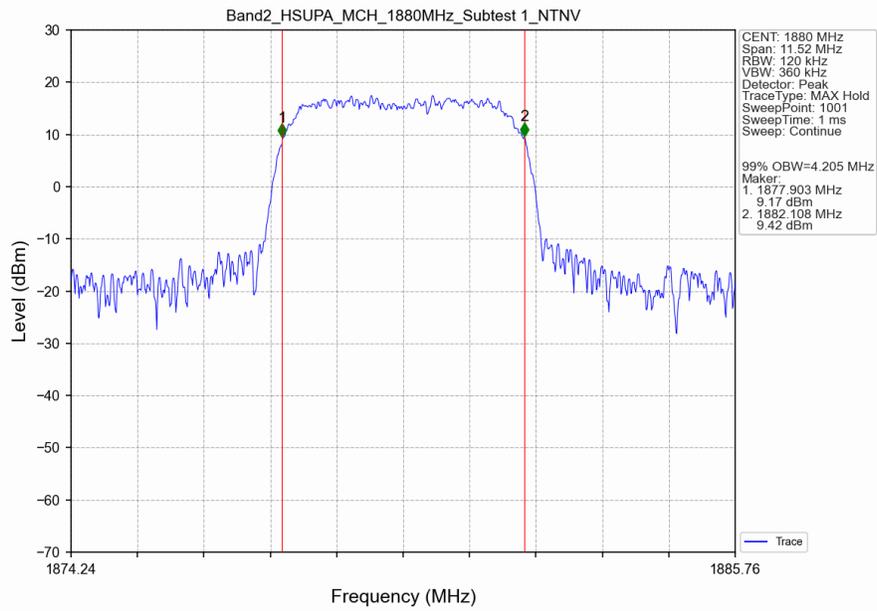
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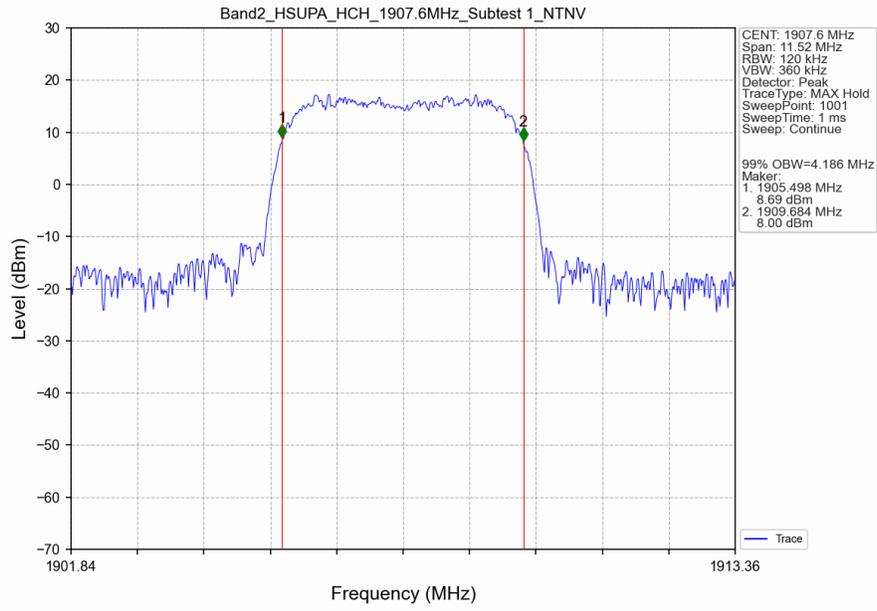
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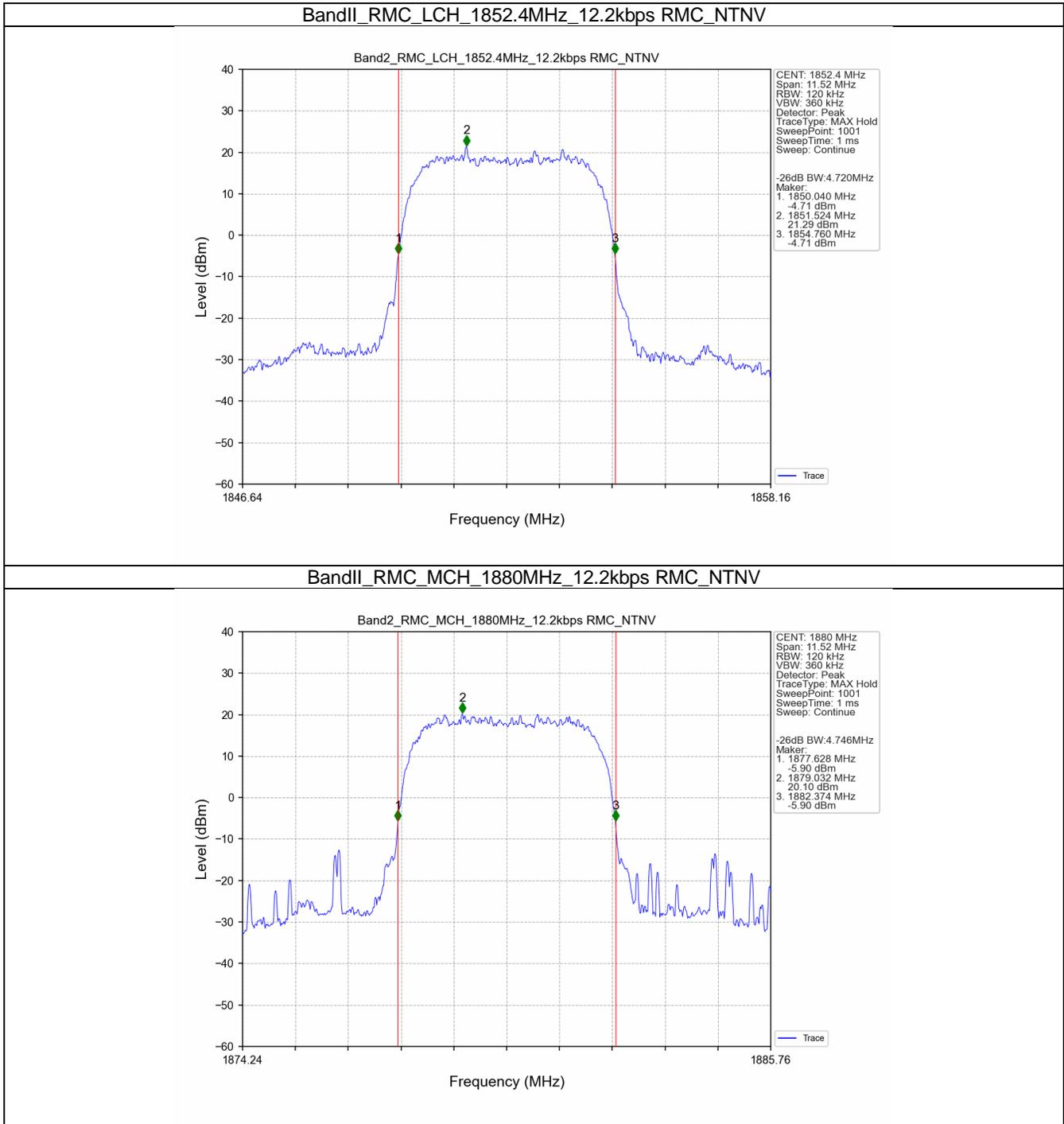
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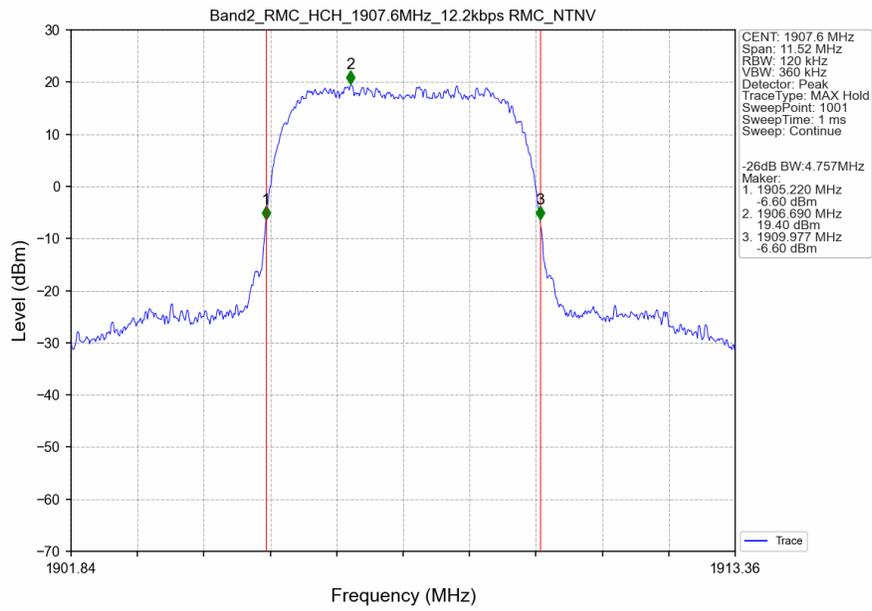
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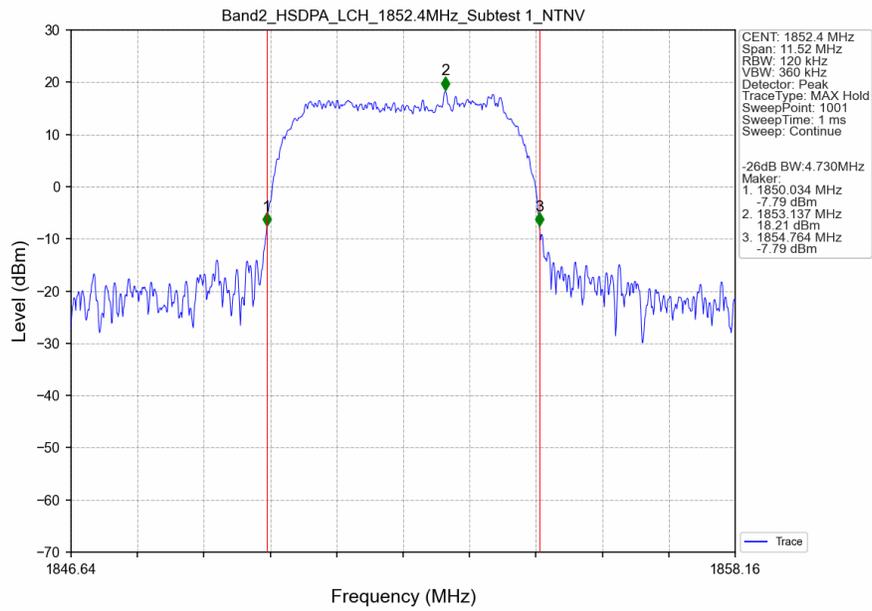
3.2.2 BandII_XDB



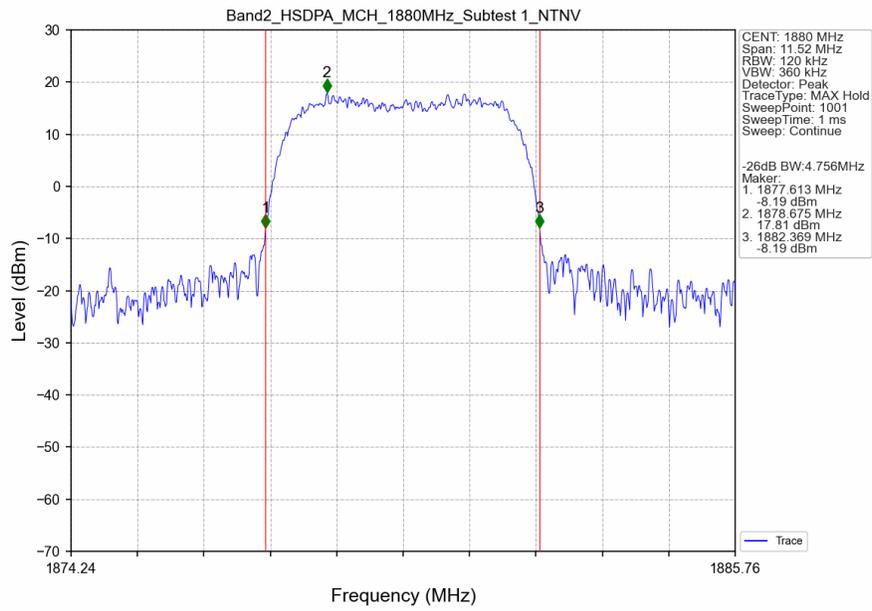
BandII_RMC_HCH_1907.6MHz_12.2kbps RMC_NTNV



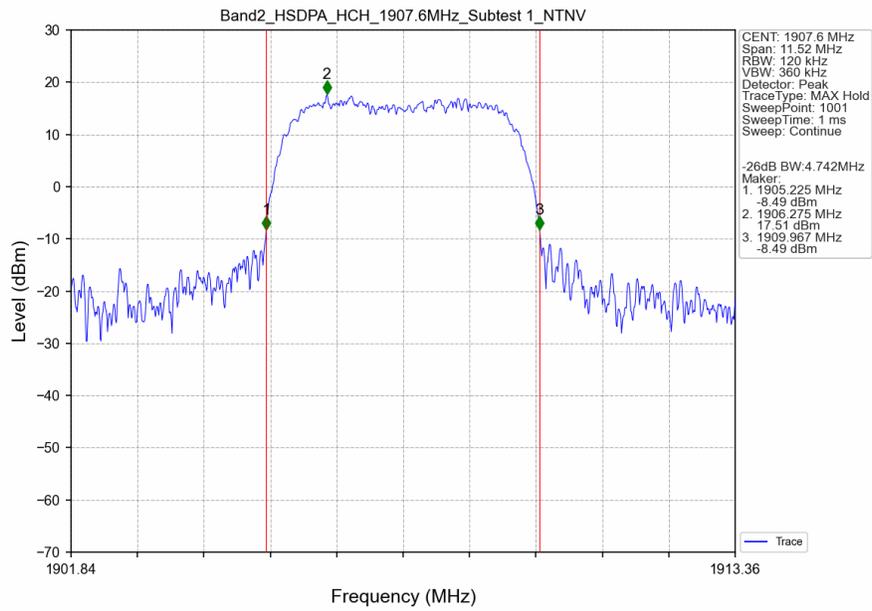
BandII_HSDPA_LCH_1852.4MHz_Subtest 1_NTNV



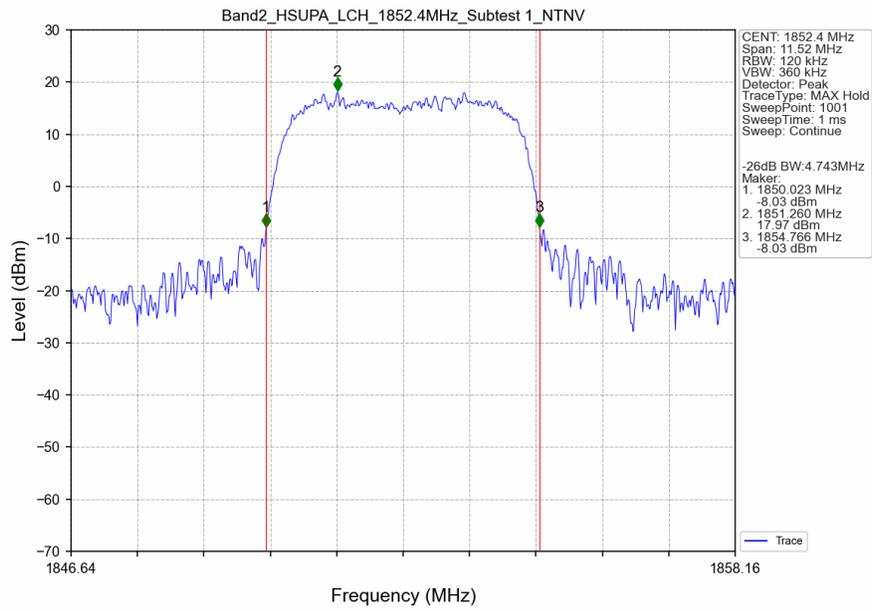
BandII_HSDPA_MCH_1880MHz_Subtest 1_NTNV



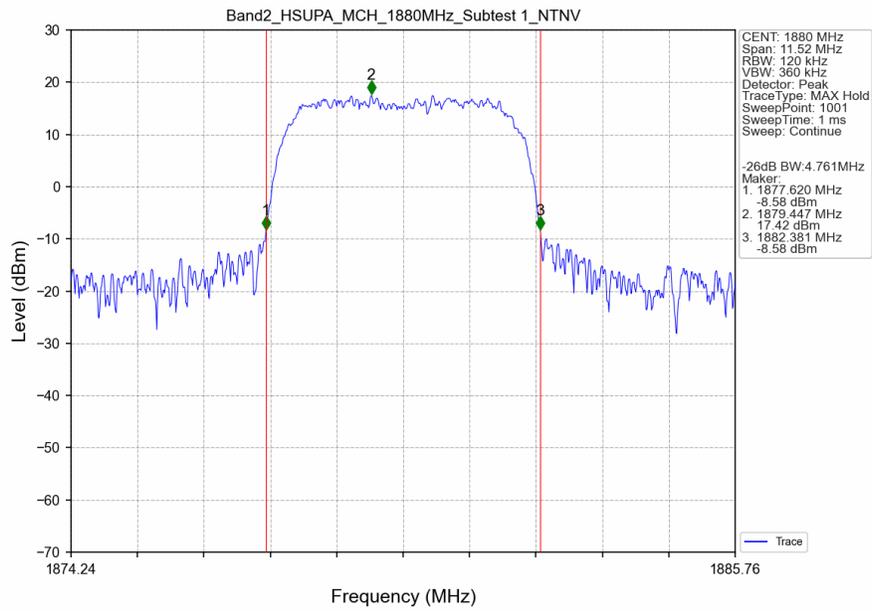
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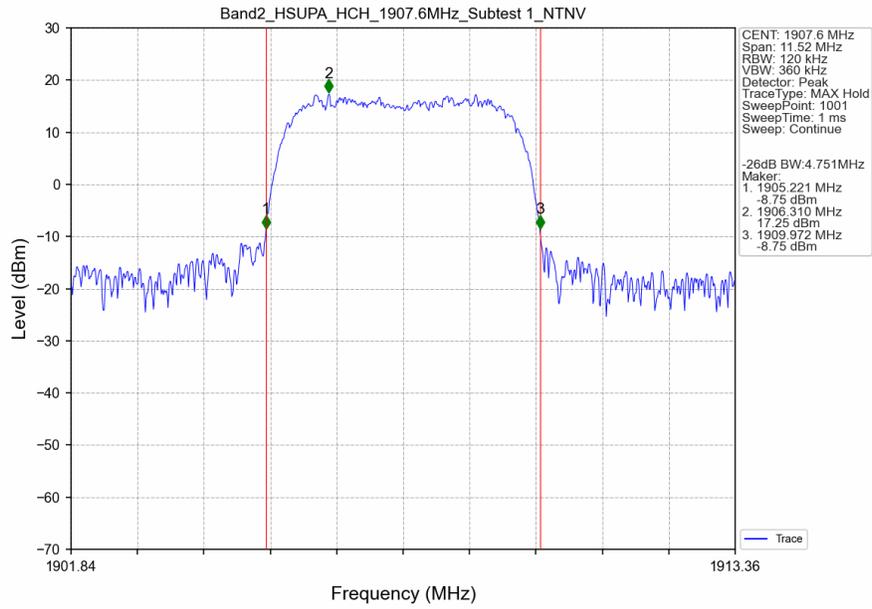
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BandII_HSUPA_MCH_1880MHz_Subtest 1_NTNV



BandII_HSUPA_HCH_1907.6MHz_Subtest 1_NTNV



4. Peak-Average Ratio

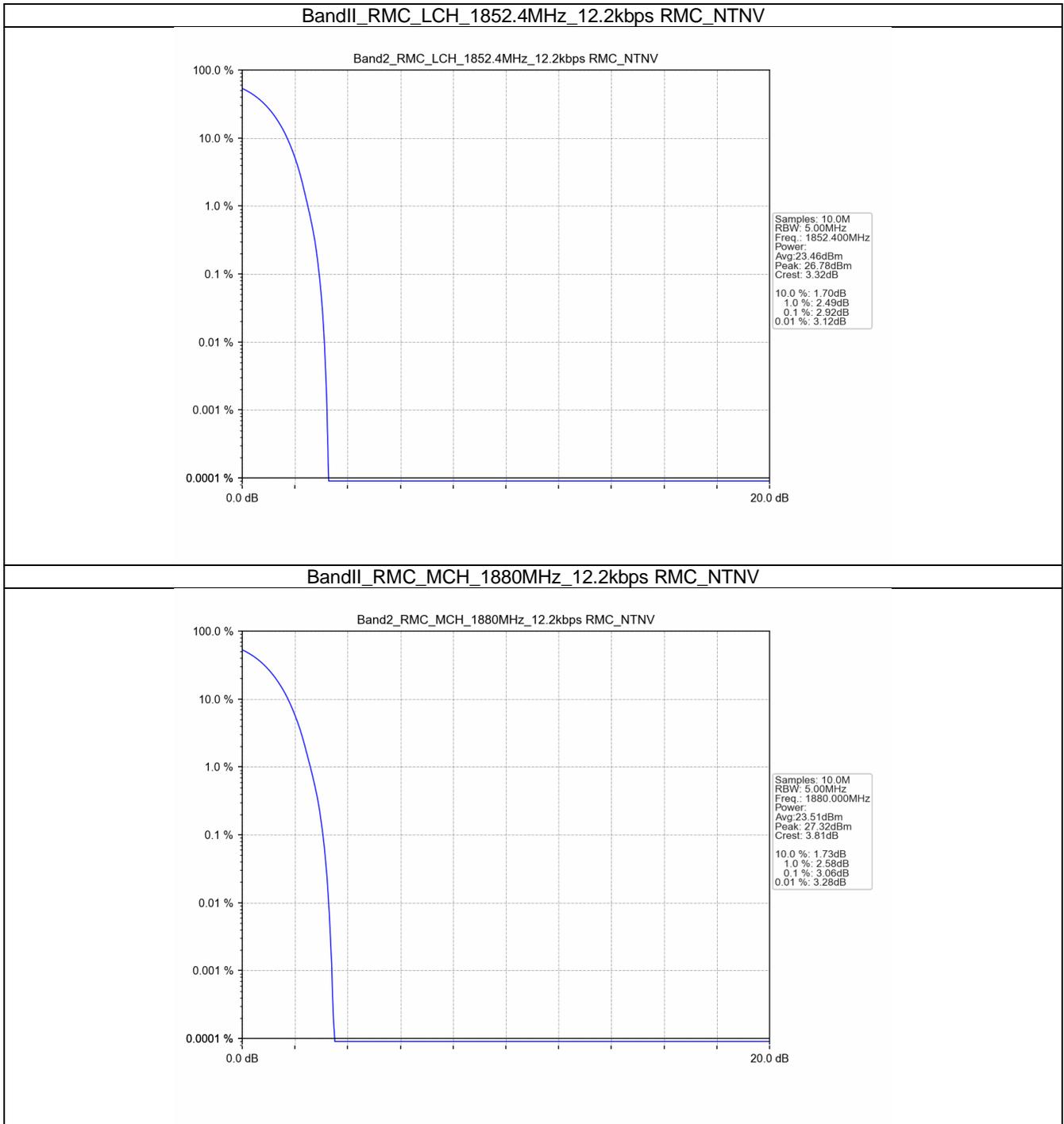
4.1 Test Result

4.1.1 BandII

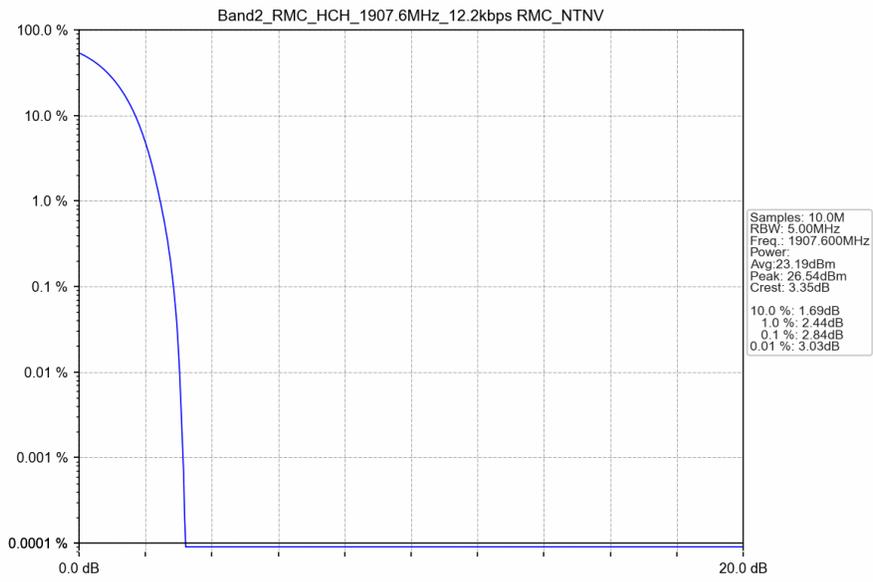
Band: II						
ENV	Mode		Frequency (MHz)	Peak-Average Ratio (dB)		Verdict
	Network	Subset		Result	Limit	
NTNV	RMC	12.2kbps RMC	1852.4	2.92	<=13	Pass
			1880	3.06	<=13	Pass
			1907.6	2.84	<=13	Pass
	HSDPA	Subtest 1	1852.4	5.84	<=13	Pass
			1880	5.87	<=13	Pass
			1907.6	5.86	<=13	Pass
	HSUPA	Subtest 1	1852.4	6.75	<=13	Pass
			1880	6.85	<=13	Pass
			1907.6	6.70	<=13	Pass

4.2 Test Graph

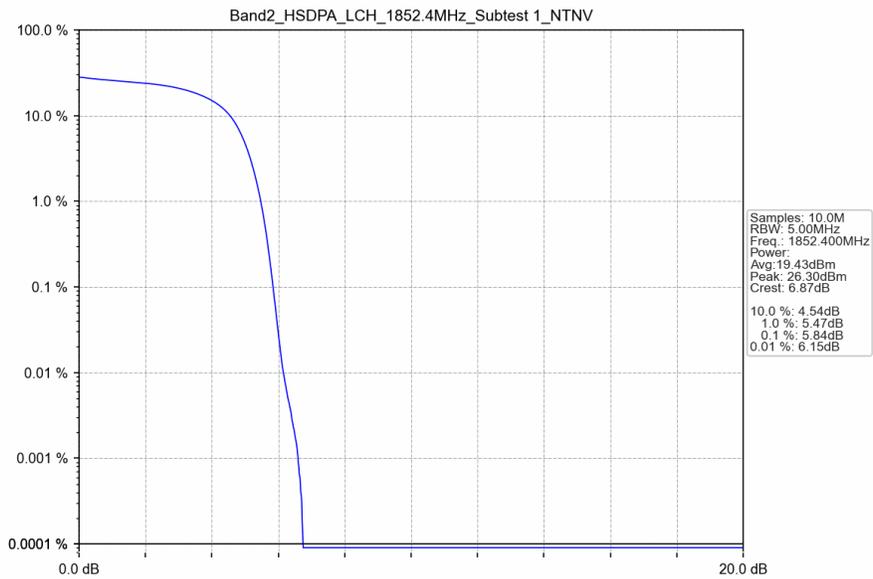
4.2.1 BandII



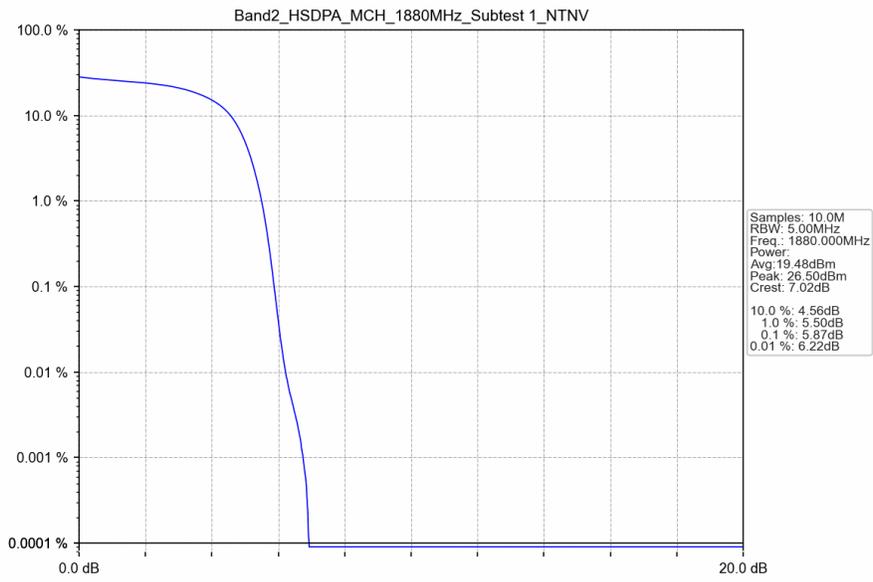
BandII_RMC_HCH_1907.6MHz_12.2kbps RMC_NTNV



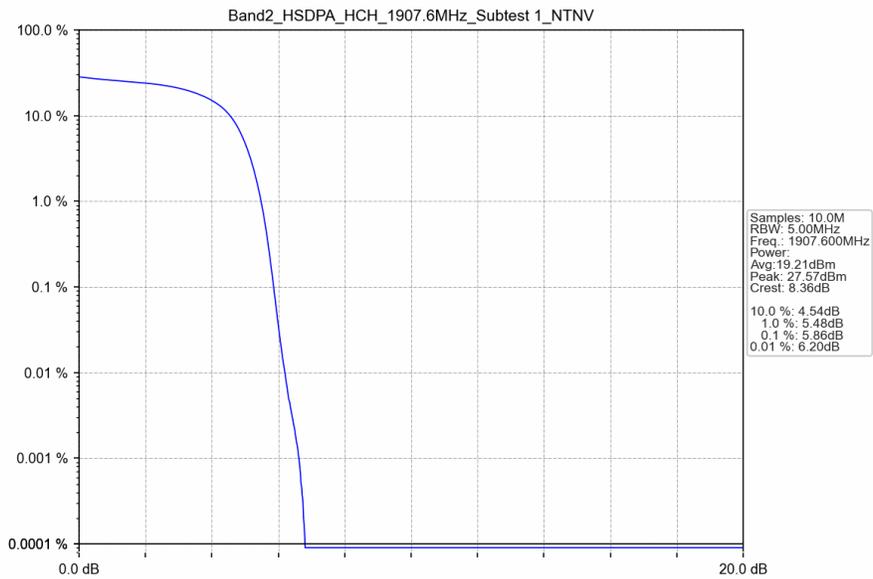
BandII_HSDPA_LCH_1852.4MHz_Subtest 1_NTNV



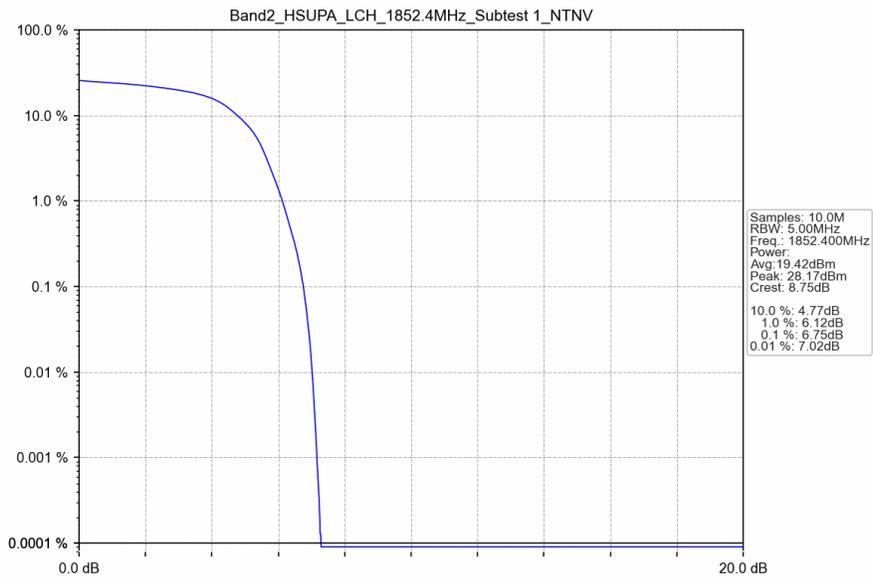
BandII_HSDPA_MCH_1880MHz_Subtest 1_NTNV



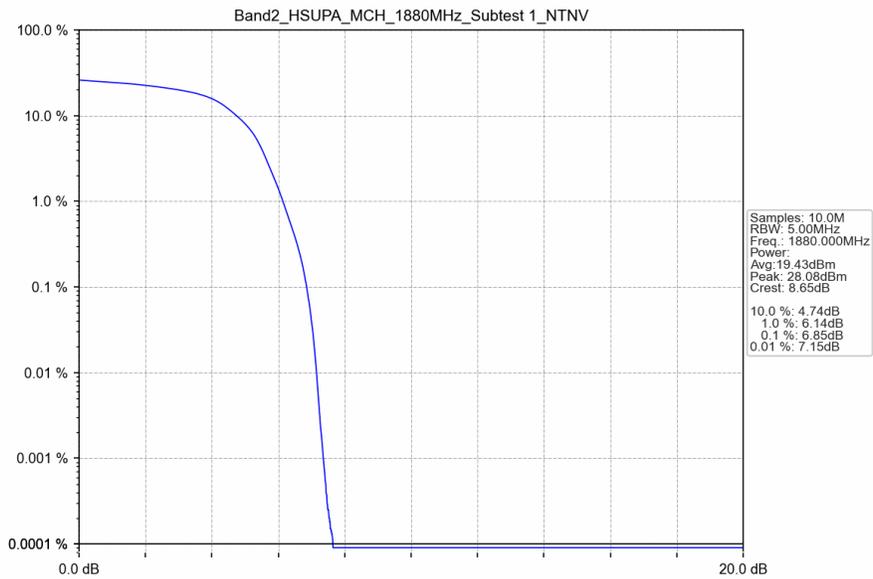
BandII_HSDPA_HCH_1907.6MHz_Subtest 1_NTNV



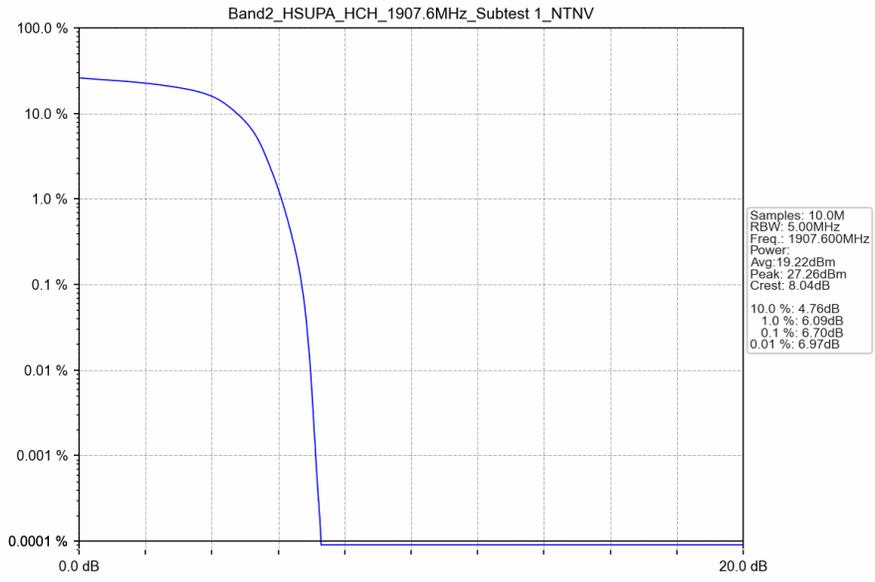
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BandII_HSUPA_MCH_1880MHz_Subtest 1_NTNV



BandII_HSUPA_HCH_1907.6MHz_Subtest 1_NTNV



5. Spurious Emission

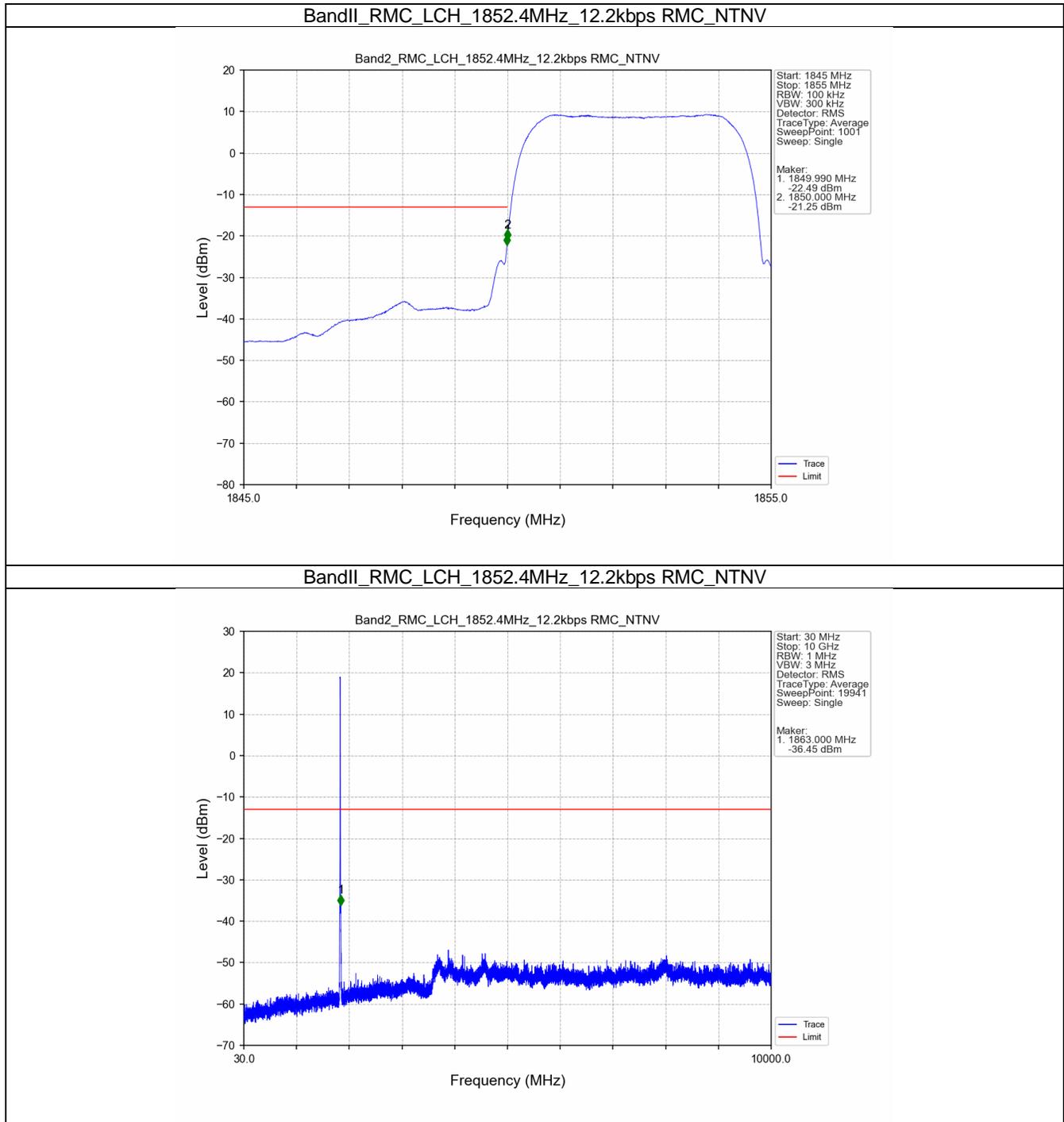
5.1 Test Result

5.1.1 BandII

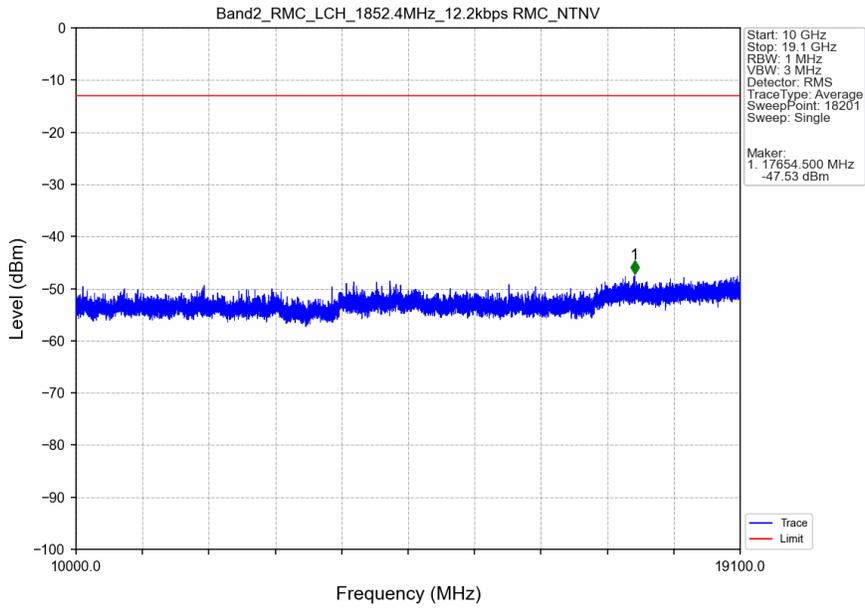
Band: II						
ENV	Mode		Frequency (MHz)	Spurious Emission		Verdict
	Network	Subset		Result	Limit	
NTNV	RMC	12.2kbps RMC	1852.4	Refer To Test Graph		Pass
			1880	Refer To Test Graph		Pass
			1907.6	Refer To Test Graph		Pass
	HSDPA	Subtest 1	1852.4	Refer To Test Graph		Pass
			1880	Refer To Test Graph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

5.2 Test Graph

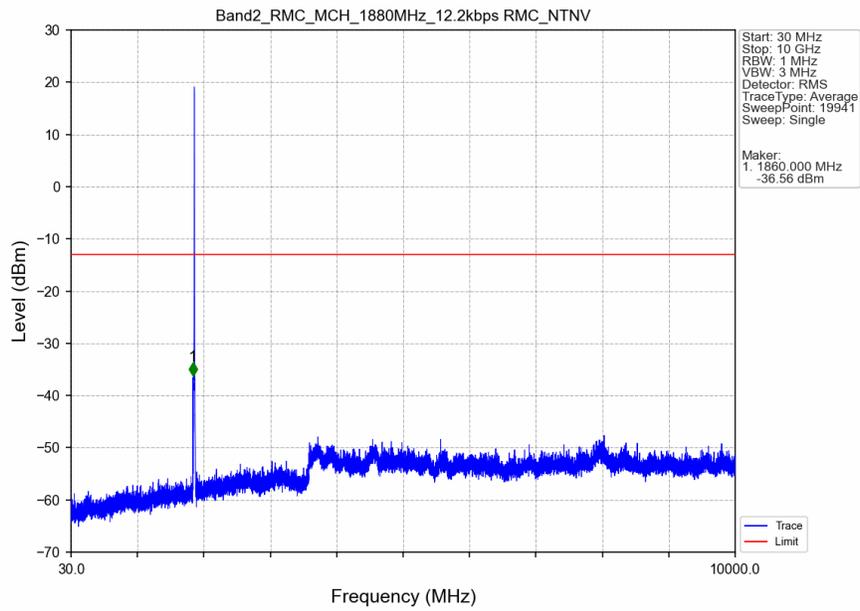
5.2.1 BandII



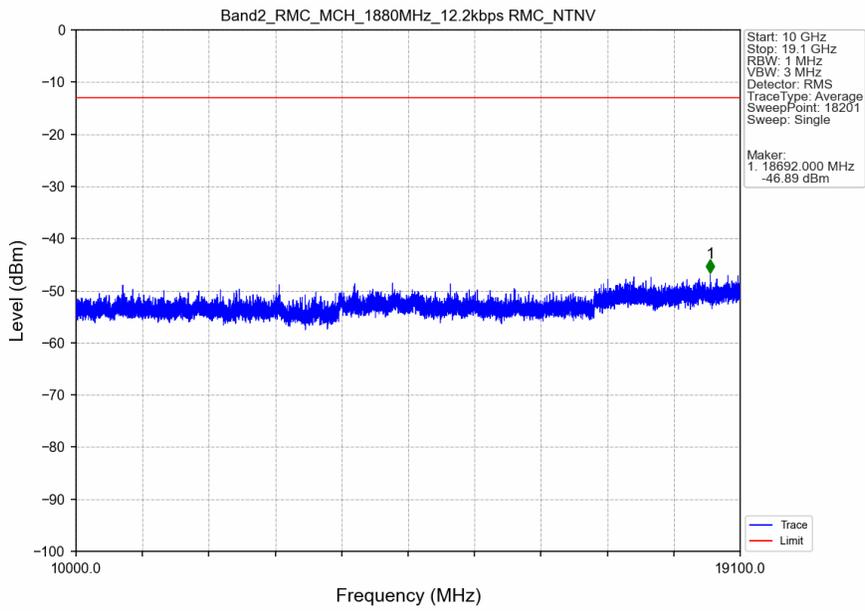
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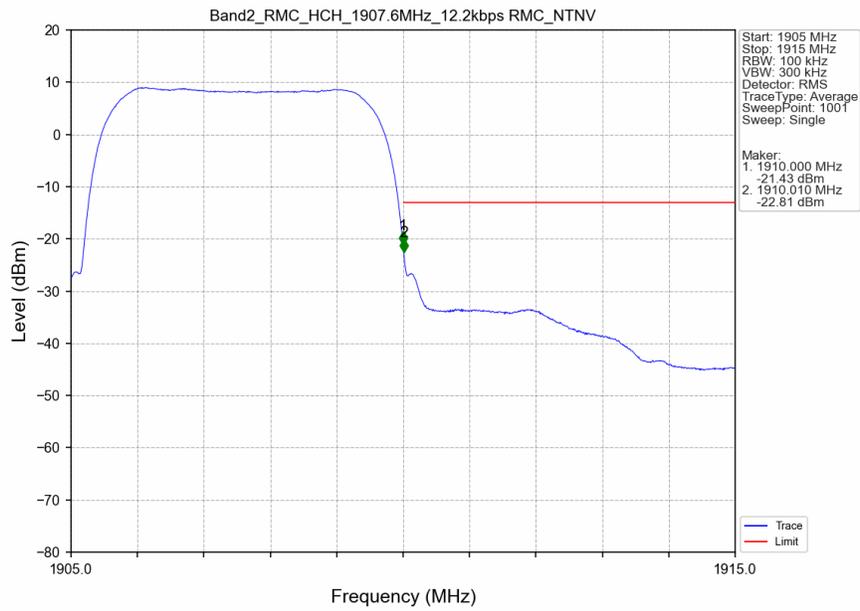
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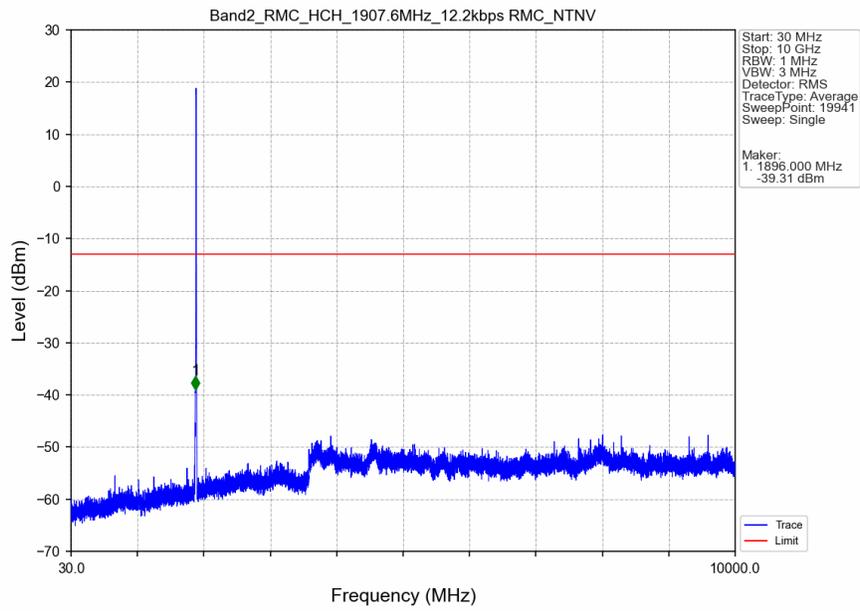
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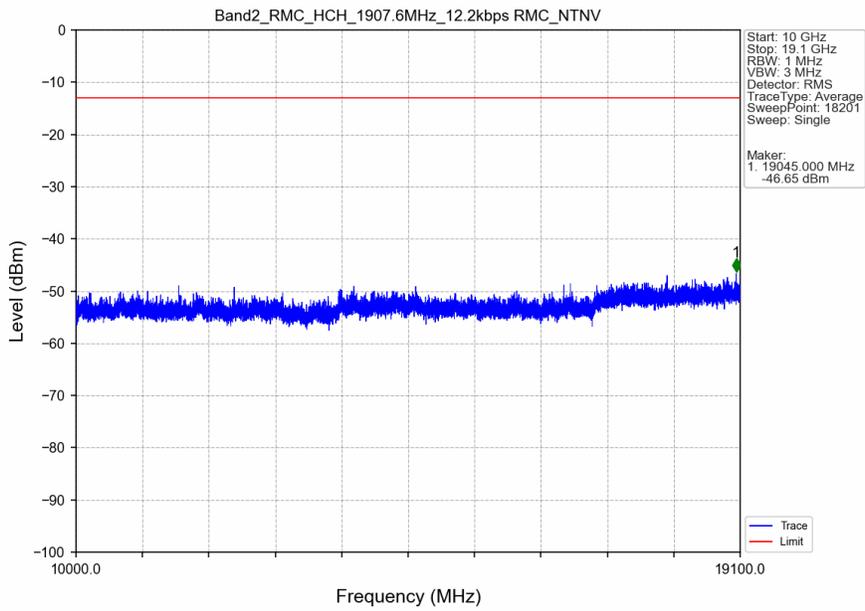
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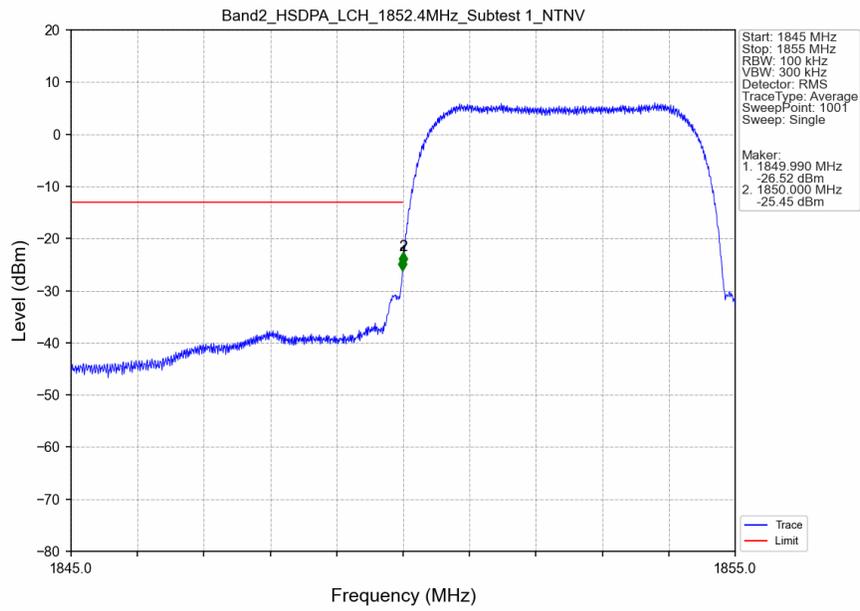
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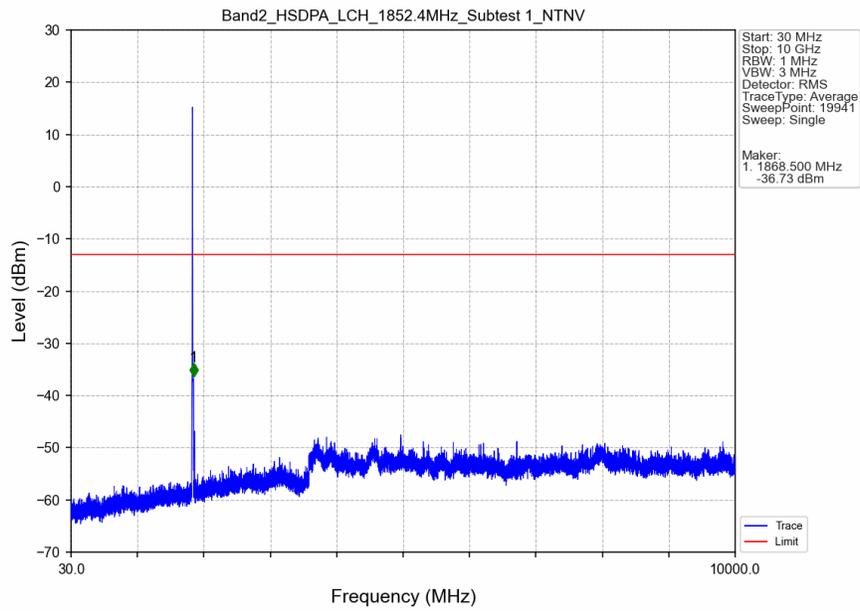
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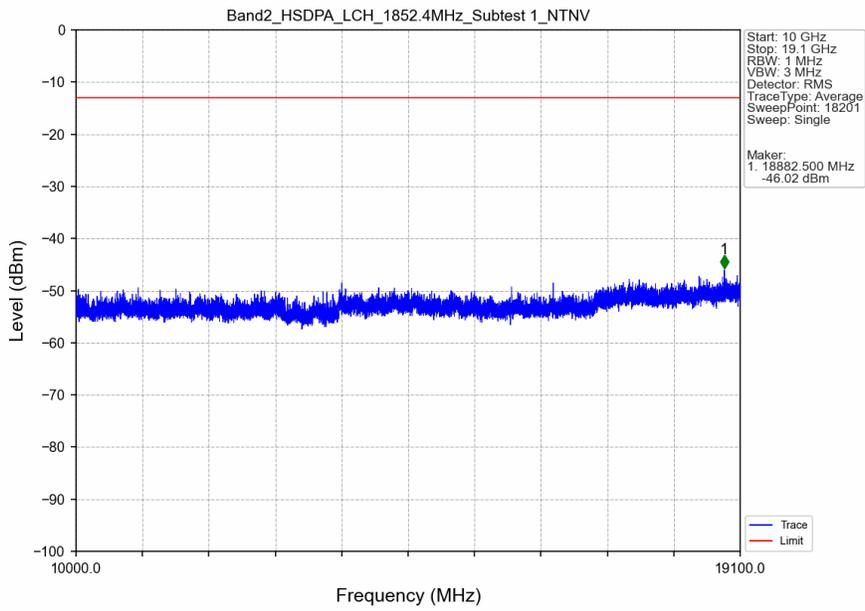
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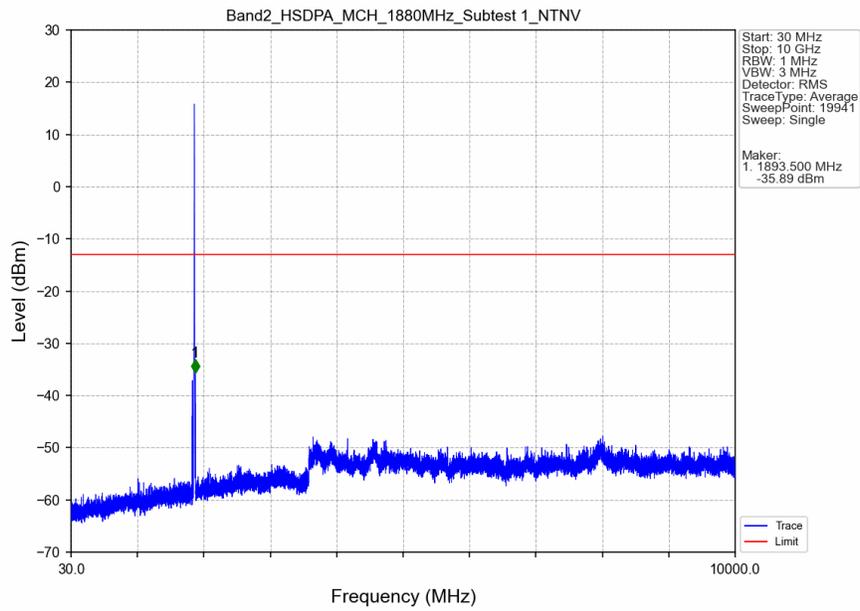
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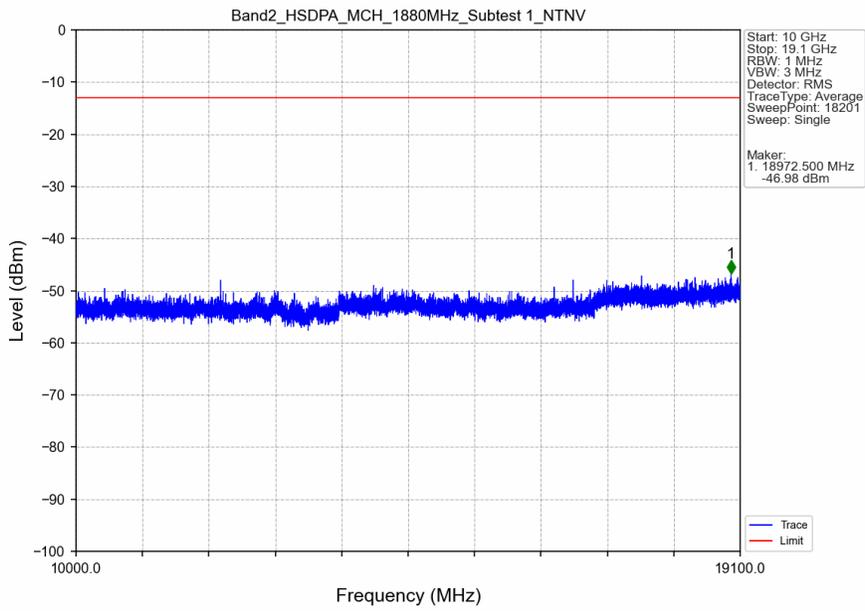
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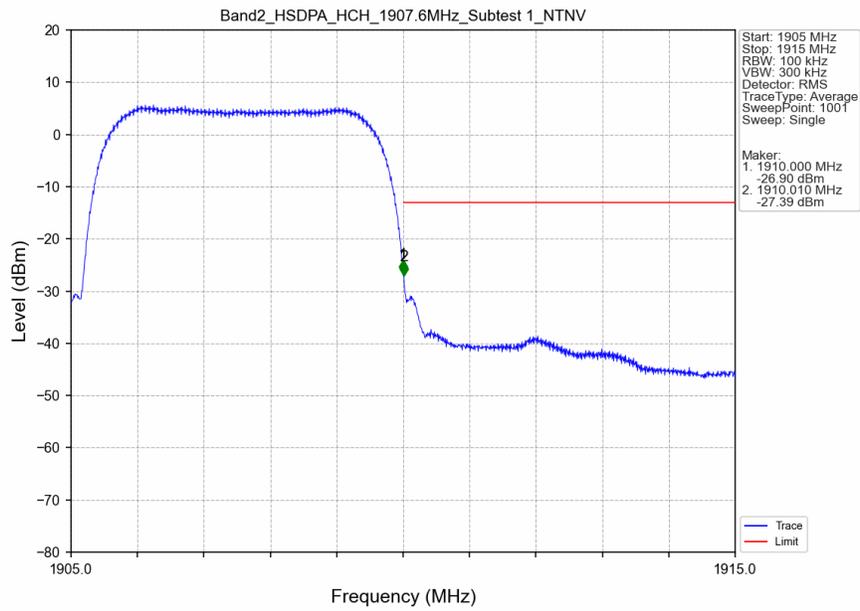
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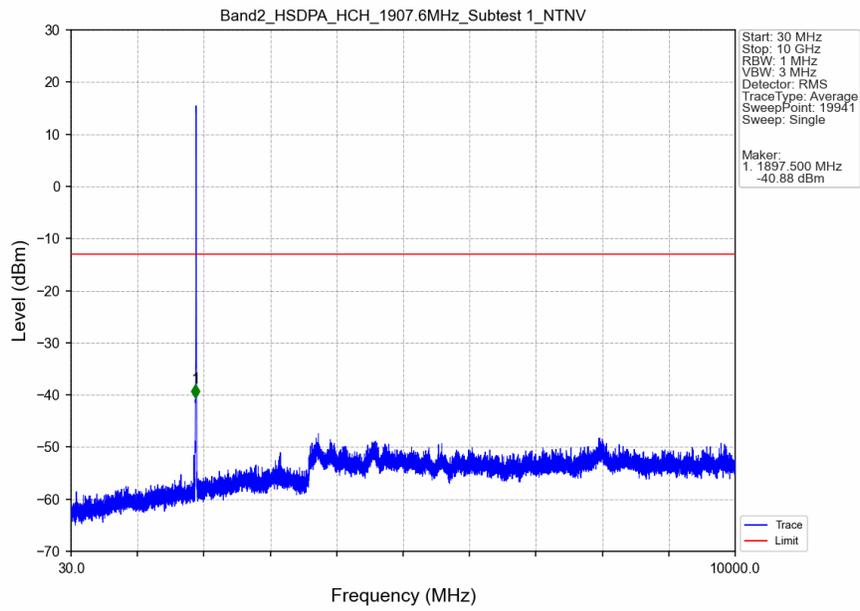
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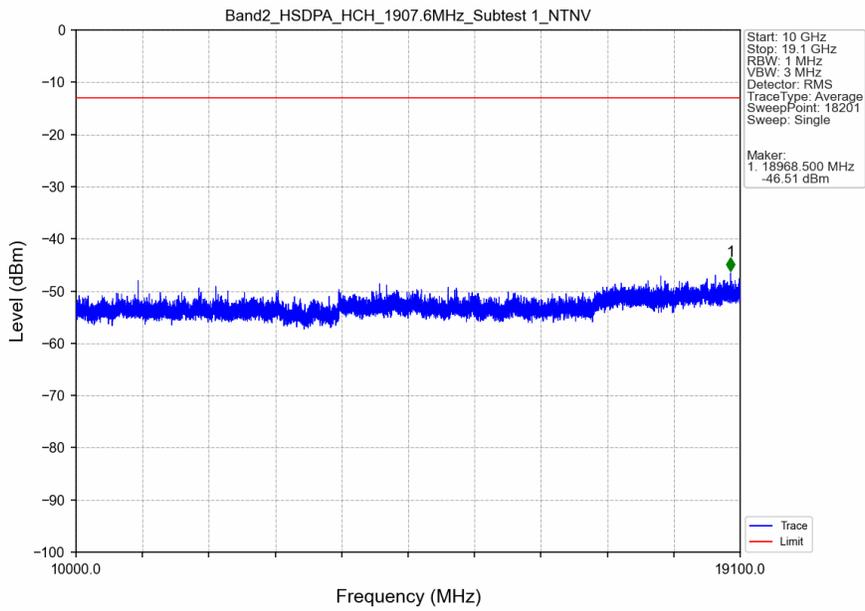
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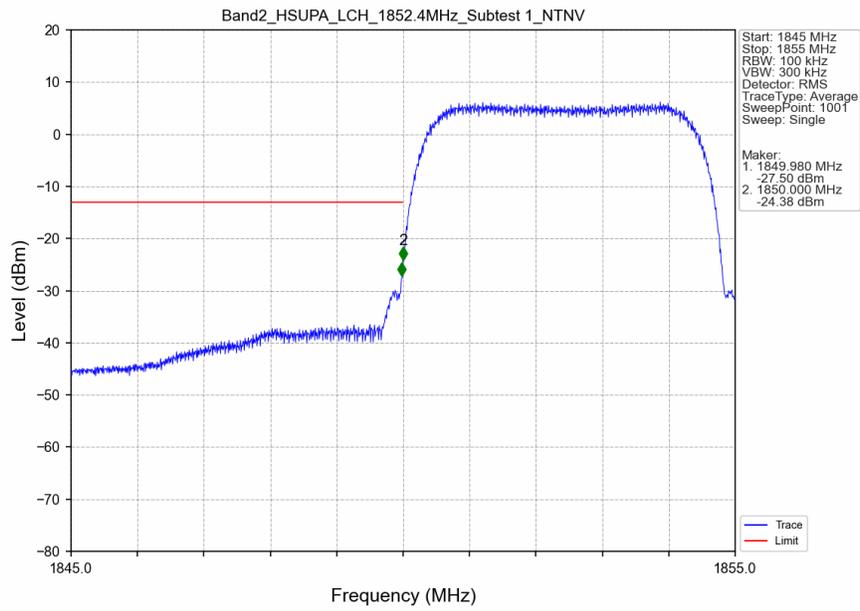
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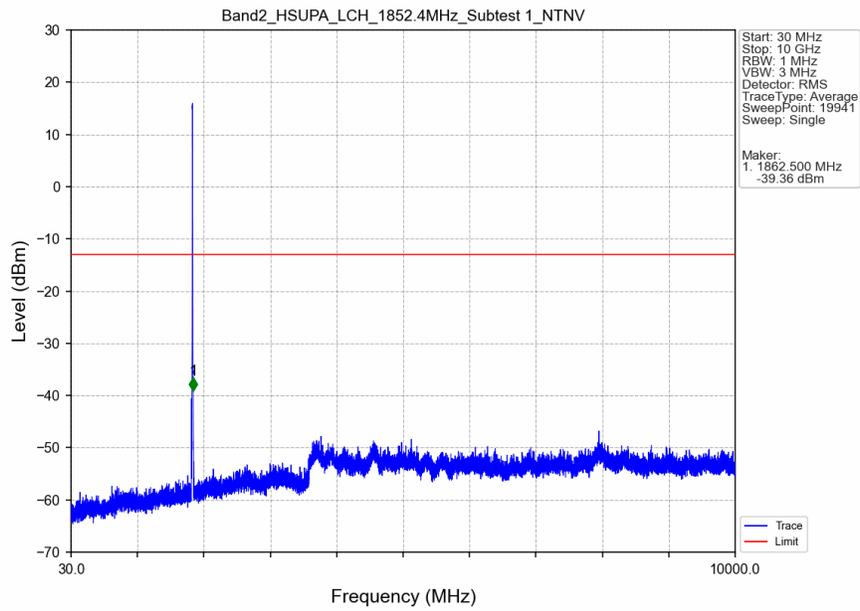
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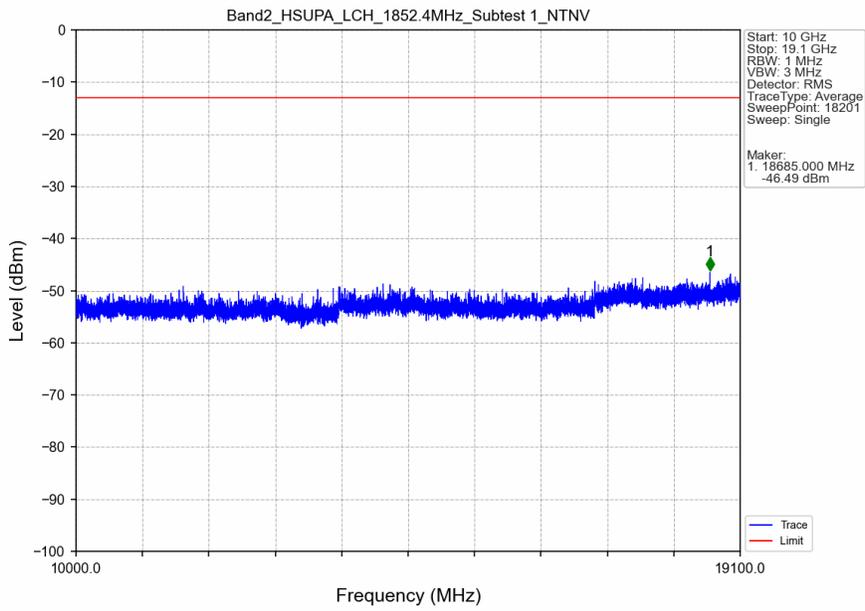
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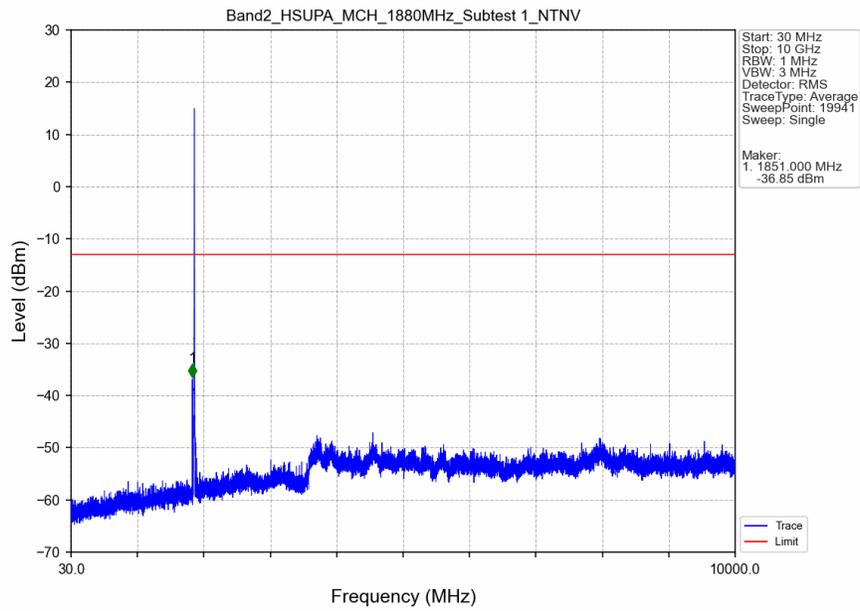
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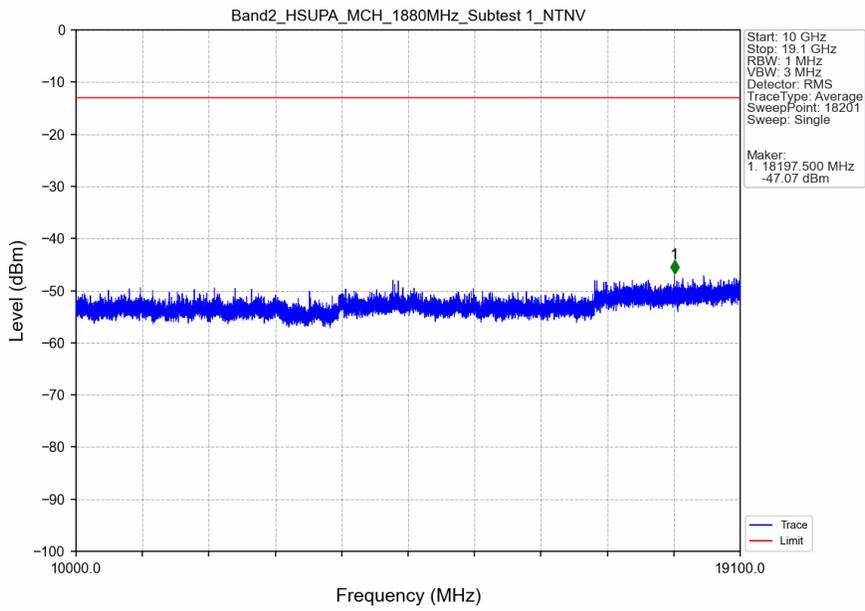
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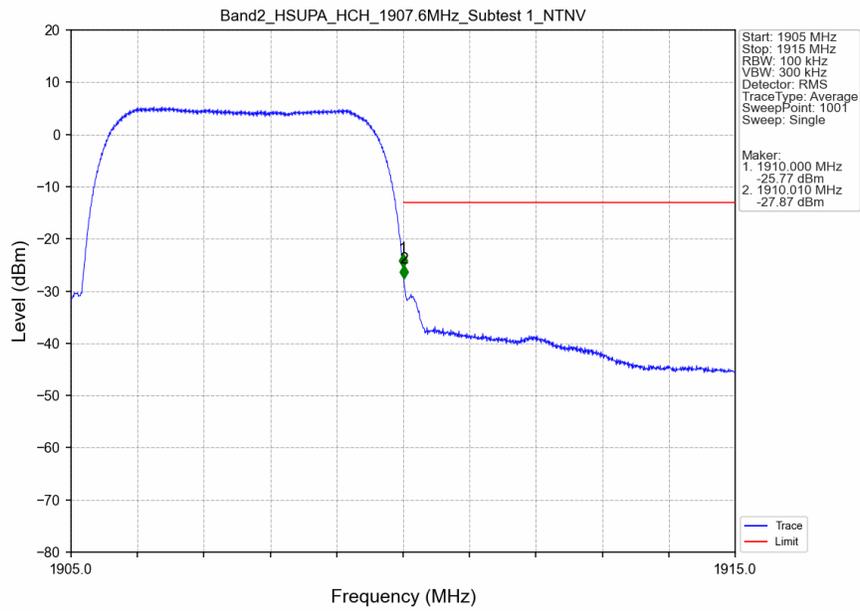
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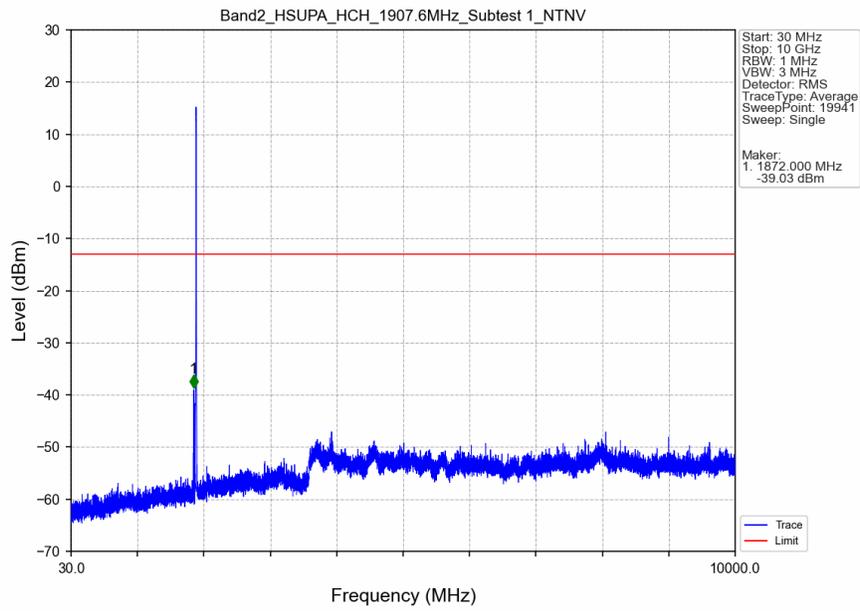
BandII_HSUPA_MCH_1880MHz_Subtest 1_NTNV



BandII_HSUPA_HCH_1907.6MHz_Subtest 1_NTNV



BandII_HSUPA_HCH_1907.6MHz_Subtest 1_NTNV



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