1. Conducted Output Power Data

1.1 Band5_Power

1.1.1 Test Result

Band: 5						
ENV	Mode		Frequency (MHz)	Conducted Power (dBm)	Limit	Verdict
	Network	Subset				
NTNV	HSDPA	Subtest 1	826.4	20.27	<=38.45	Pass
		Subtest 2	826.4	20.27	<=38.45	Pass
		Subtest 3	826.4	20.29	<=38.45	Pass
		Subtest 4	826.4	20.30	<=38.45	Pass
		Subtest 1	836.6	20.21	<=38.45	Pass
		Subtest 2	836.6	20.23	<=38.45	Pass
		Subtest 3	836.6	20.21	<=38.45	Pass
		Subtest 4	836.6	20.24	<=38.45	Pass
		Subtest 1	846.6	20.07	<=38.45	Pass
		Subtest 2	846.6	20.05	<=38.45	Pass
		Subtest 3	846.6	20.08	<=38.45	Pass
		Subtest 4	846.6	20.06	<=38.45	Pass
	HSUPA	Subtest 1	826.4	17.94	<=38.45	Pass
		Subtest 2	826.4	18.34	<=38.45	Pass
		Subtest 3	826.4	17.95	<=38.45	Pass
		Subtest 4	826.4	18.32	<=38.45	Pass
		Subtest 5	826.4	18.35	<=38.45	Pass
		Subtest 1	836.6	18.24	<=38.45	Pass
		Subtest 2	836.6	18.21	<=38.45	Pass
		Subtest 3	836.6	18.25	<=38.45	Pass
		Subtest 4	836.6	17.84	<=38.45	Pass
		Subtest 5	836.6	18.27	<=38.45	Pass
		Subtest 1	846.6	18.13	<=38.45	Pass
		Subtest 2	846.6	18.12	<=38.45	Pass
		Subtest 3	846.6	17.53	<=38.45	Pass
		Subtest 4	846.6	18.13	<=38.45	Pass
		Subtest 5	846.6	17.55	<=38.45	Pass

2. Frequency Stability

2.1 Band5

2.1.1 Test Result

Band: 5							
Network	Frequency (MHz)	Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
					Result	Limit	
HSDPA	826.4	20	3.27	-4.327	-0.0052	-2.5 to 2.5	Pass
			3.85	-6.573	-0.0080	-2.5 to 2.5	Pass
			4.43	-8.447	-0.0102	-2.5 to 2.5	Pass
		-30	3.85	-7.467	-0.0090	-2.5 to 2.5	Pass
		-20	3.85	-5.772	-0.0070	-2.5 to 2.5	Pass
		-10	3.85	-8.311	-0.0101	-2.5 to 2.5	Pass
		0	3.85	-8.576	-0.0104	-2.5 to 2.5	Pass
		10	3.85	-7.682	-0.0093	-2.5 to 2.5	Pass
		30	3.85	-6.187	-0.0075	-2.5 to 2.5	Pass
		40	3.85	0.451	0.0005	-2.5 to 2.5	Pass
		50	3.85	-10.300	-0.0125	-2.5 to 2.5	Pass
	836.6	20	3.27	-5.515	-0.0066	-2.5 to 2.5	Pass
			3.85	-6.123	-0.0073	-2.5 to 2.5	Pass
			4.43	-4.900	-0.0059	-2.5 to 2.5	Pass
		-30	3.85	-3.369	-0.0040	-2.5 to 2.5	Pass
		-20	3.85	-2.339	-0.0028	-2.5 to 2.5	Pass
		-10	3.85	-0.808	-0.0010	-2.5 to 2.5	Pass
		0	3.85	8.769	0.0105	-2.5 to 2.5	Pass
		10	3.85	5.121	0.0061	-2.5 to 2.5	Pass
		30	3.85	5.064	0.0061	-2.5 to 2.5	Pass
		40	3.85	11.344	0.0136	-2.5 to 2.5	Pass
		50	3.85	6.616	0.0079	-2.5 to 2.5	Pass
	846.6	20	3.27	-2.968	-0.0035	-2.5 to 2.5	Pass
			3.85	-18.003	-0.0213	-2.5 to 2.5	Pass
			4.43	-14.584	-0.0172	-2.5 to 2.5	Pass
		-30	3.85	-11.530	-0.0136	-2.5 to 2.5	Pass
		-20	3.85	-13.254	-0.0157	-2.5 to 2.5	Pass
		-10	3.85	-13.990	-0.0165	-2.5 to 2.5	Pass
		0	3.85	-9.449	-0.0112	-2.5 to 2.5	Pass
		10	3.85	-12.174	-0.0144	-2.5 to 2.5	Pass
		30	3.85	-13.461	-0.0159	-2.5 to 2.5	Pass
		40	3.85	-7.646	-0.0090	-2.5 to 2.5	Pass
		50	3.85	-10.006	-0.0118	-2.5 to 2.5	Pass
HSUPA	826.4	20	3.27	-22.709	-0.0275	-2.5 to 2.5	Pass
			3.85	-15.757	-0.0191	-2.5 to 2.5	Pass
			4.43	-12.267	-0.0148	-2.5 to 2.5	Pass
		-30	3.85	-13.747	-0.0166	-2.5 to 2.5	Pass
		-20	3.85	-10.657	-0.0129	-2.5 to 2.5	Pass
		-10	3.85	-10.908	-0.0132	-2.5 to 2.5	Pass
		0	3.85	-12.002	-0.0145	-2.5 to 2.5	Pass
		10	3.85	-8.826	-0.0107	-2.5 to 2.5	Pass
		30	3.85	-9.606	-0.0116	-2.5 to 2.5	Pass
		40	3.85	-6.759	-0.0082	-2.5 to 2.5	Pass
		50	3.85	-11.680	-0.0141	-2.5 to 2.5	Pass
	836.6	20	3.27	-4.377	-0.0052	-2.5 to 2.5	Pass
			3.85	-9.820	-0.0117	-2.5 to 2.5	Pass
			4.43	-12.238	-0.0146	-2.5 to 2.5	Pass
		-30	3.85	-10.715	-0.0128	-2.5 to 2.5	Pass
		-20	3.85	-10.557	-0.0126	-2.5 to 2.5	Pass

		-10	3.85	-6.037	-0.0072	-2.5 to 2.5	Pass
		0	3.85	-10.443	-0.0125	-2.5 to 2.5	Pass
		10	3.85	-10.343	-0.0124	-2.5 to 2.5	Pass
		30	3.85	-9.820	-0.0117	-2.5 to 2.5	Pass
		40	3.85	-10.836	-0.0130	-2.5 to 2.5	Pass
		50	3.85	-8.004	-0.0096	-2.5 to 2.5	Pass
	846.6	20	3.27	-9.685	-0.0114	-2.5 to 2.5	Pass
			3.85	-6.108	-0.0072	-2.5 to 2.5	Pass
			4.43	-8.361	-0.0099	-2.5 to 2.5	Pass
		-30	3.85	-5.457	-0.0064	-2.5 to 2.5	Pass
		-20	3.85	-10.972	-0.0130	-2.5 to 2.5	Pass
		-10	3.85	-7.288	-0.0086	-2.5 to 2.5	Pass
		0	3.85	-7.653	-0.0090	-2.5 to 2.5	Pass
		10	3.85	-7.167	-0.0085	-2.5 to 2.5	Pass
		30	3.85	-6.351	-0.0075	-2.5 to 2.5	Pass
		40	3.85	-8.690	-0.0103	-2.5 to 2.5	Pass
		50	3.85	-11.487	-0.0136	-2.5 to 2.5	Pass

3. Modulation Characteristics

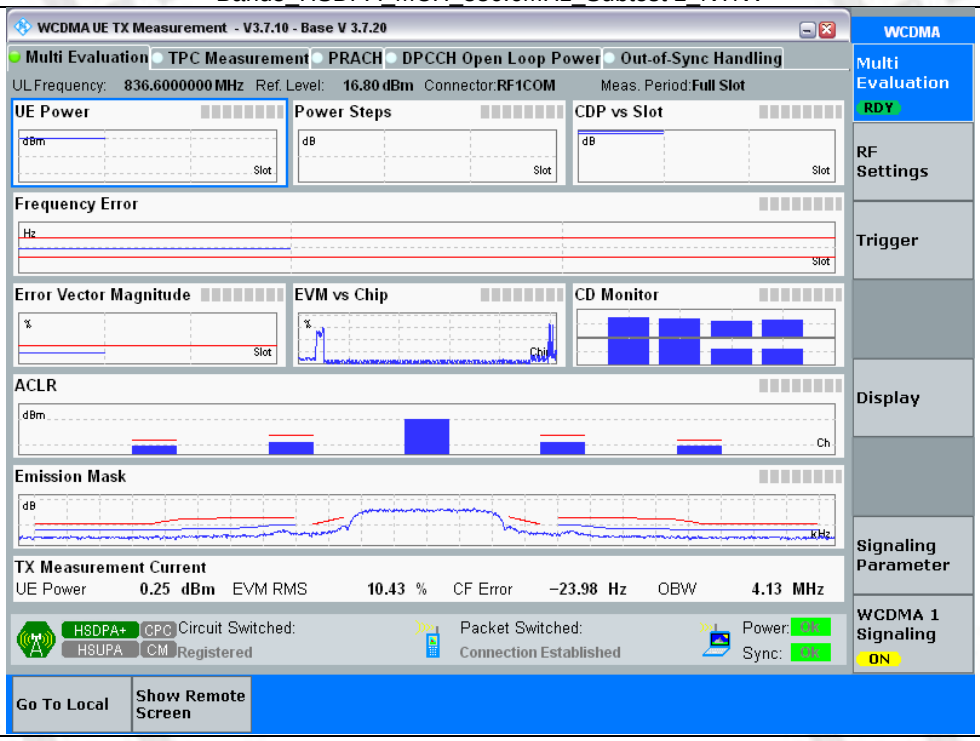
3.1 Band5

3.1.1 Test Result

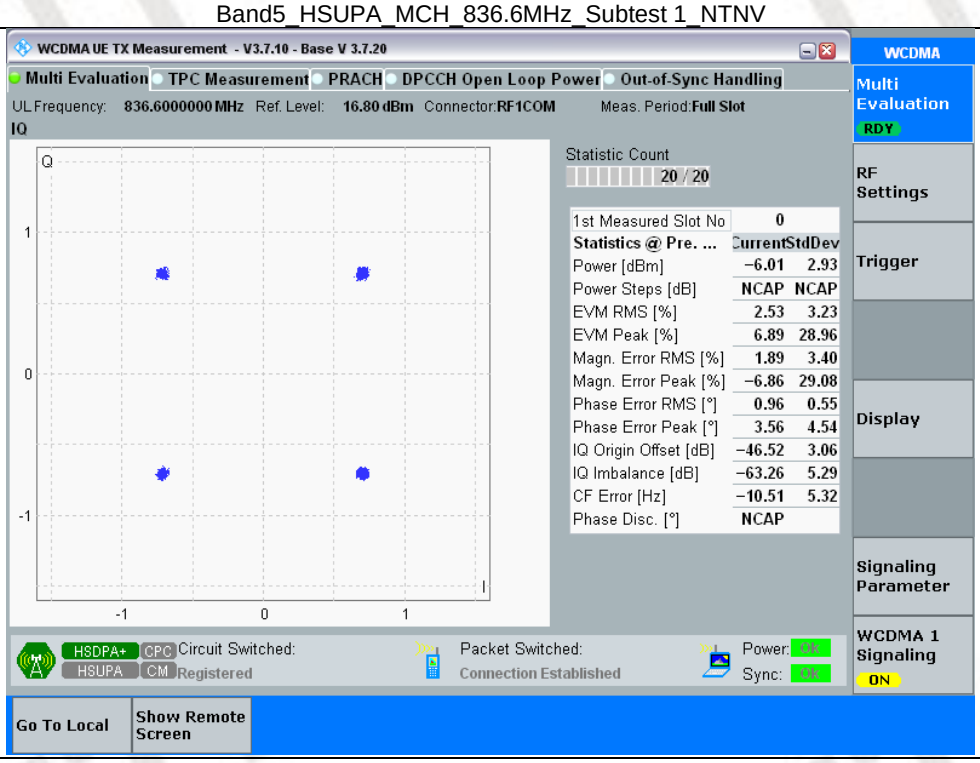
Band: 5						
ENV	Mode		Frequency (MHz)	Modulation Characteristics		Verdict
	Network	Subset		Result	Limit	
NTNV	HSDPA	Subtest 1	836.6	Refer To Test Graph		Pass
	HSUPA	Subtest 1	836.6	Refer To Test Graph		Pass

3.1.2 Test Graph

Band5_HSDPA_MCH_836.6MHz_Subtest 1_NTNV



Band5_HSUPA_MCH_836.6MHz_Subtest 1_NTNV



4. 99% & 26dB Bandwidth

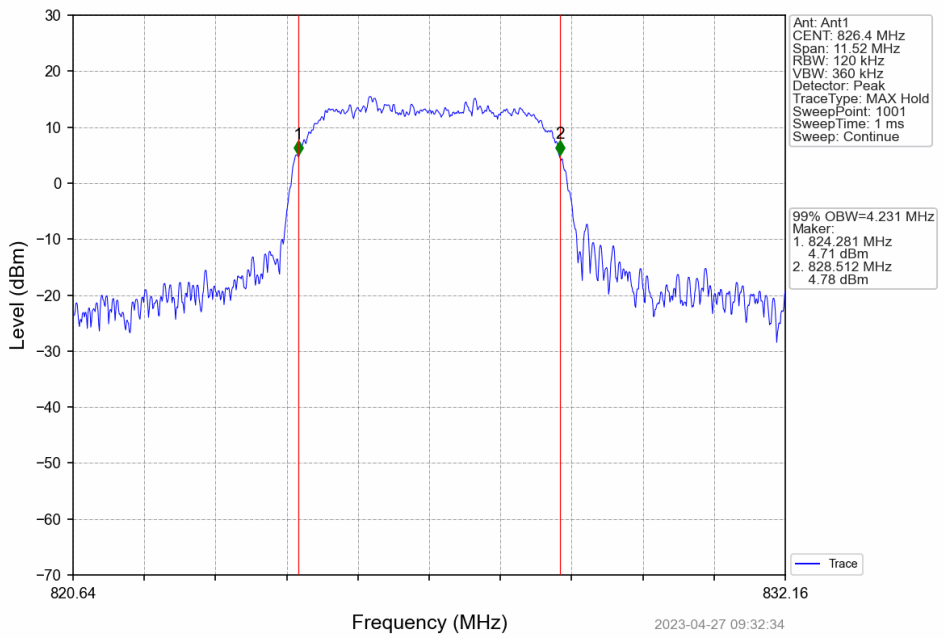
4.1 Band5_OBW

4.1.1 Test Result

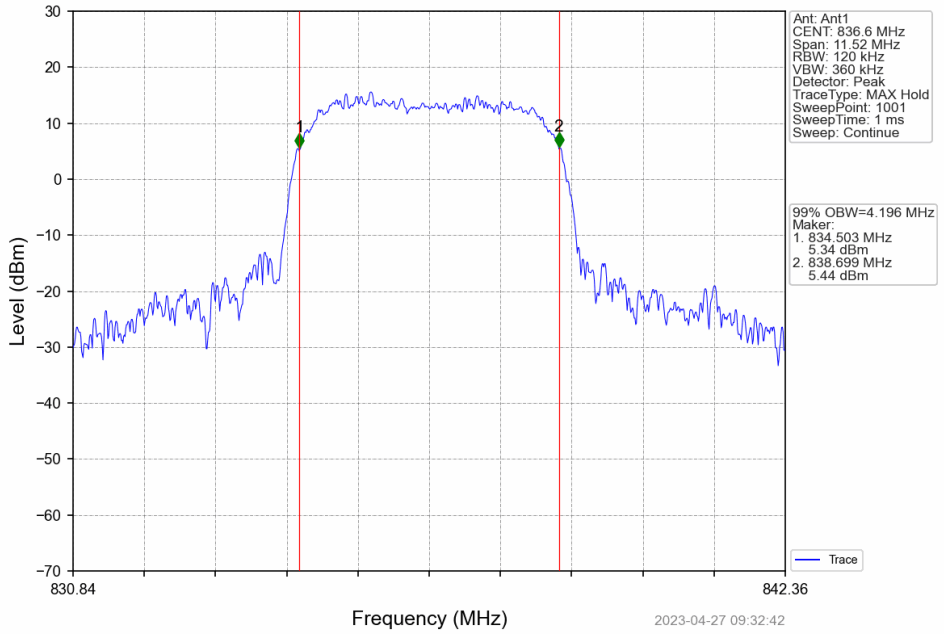
Band: 5					
ENV	Mode		Frequency (MHz)	99% Occupied Bandwidth (MHz)	Verdict
	Network	Subset		Result	
NTNV	HSDPA	Subtest 1	826.4	4.231	Pass
			836.6	4.196	Pass
			846.6	4.199	Pass
	HSUPA	Subtest 1	826.4	4.204	Pass
			836.6	4.187	Pass
			846.6	4.234	Pass

4.1.2 Test Graph

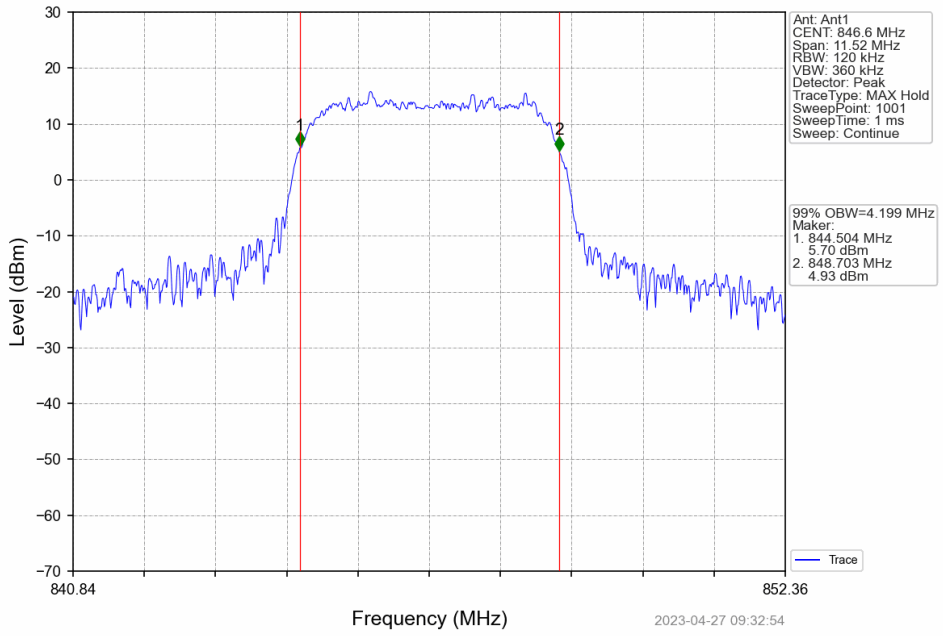
Band5_HSDPA_LCH_826.4MHz_Subtest 1_NTNV



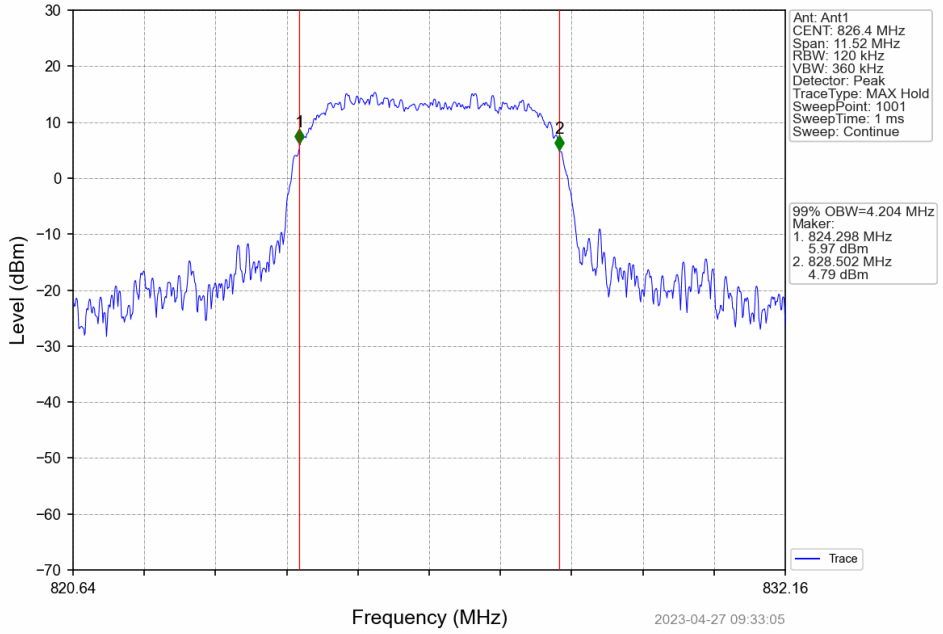
Band5_HSDPA_MCH_836.6MHz_Subtest 1_NTNV



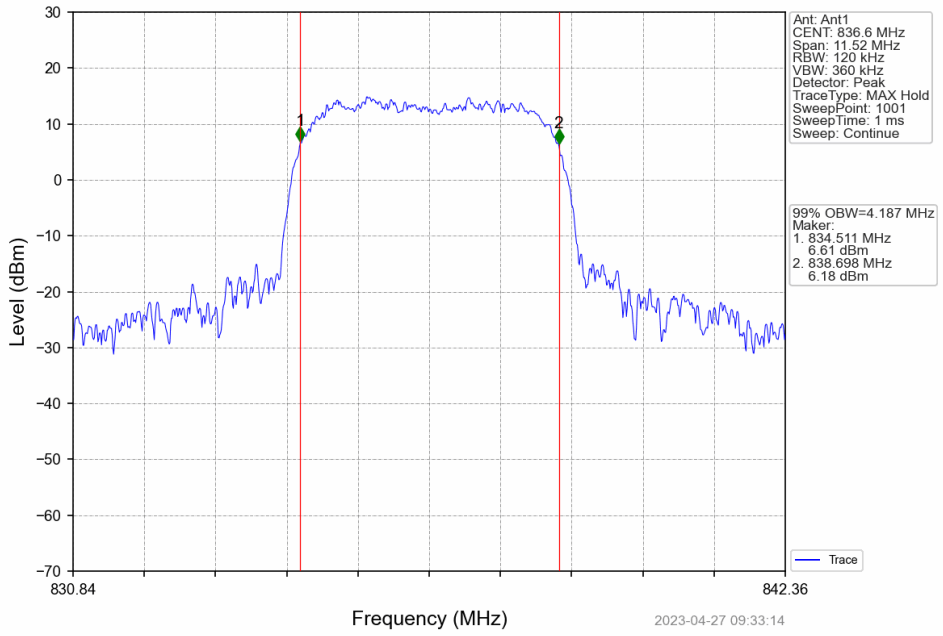
Band5_HSDPA_HCH_846.6MHz_Subtest 1_NTNV



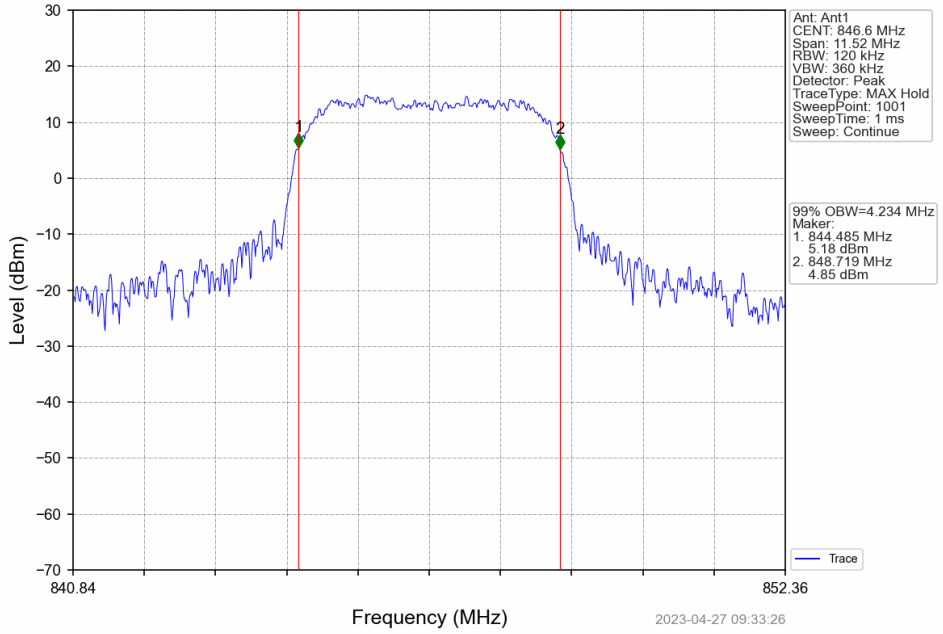
Band5_HSUPA_LCH_826.4MHz_Subtest 1_NTNV



Band5_HSUPA_MCH_836.6MHz_Subtest 1_NTNV



Band5_HSUPA_HCH_846.6MHz_Subtest 1_NTNV



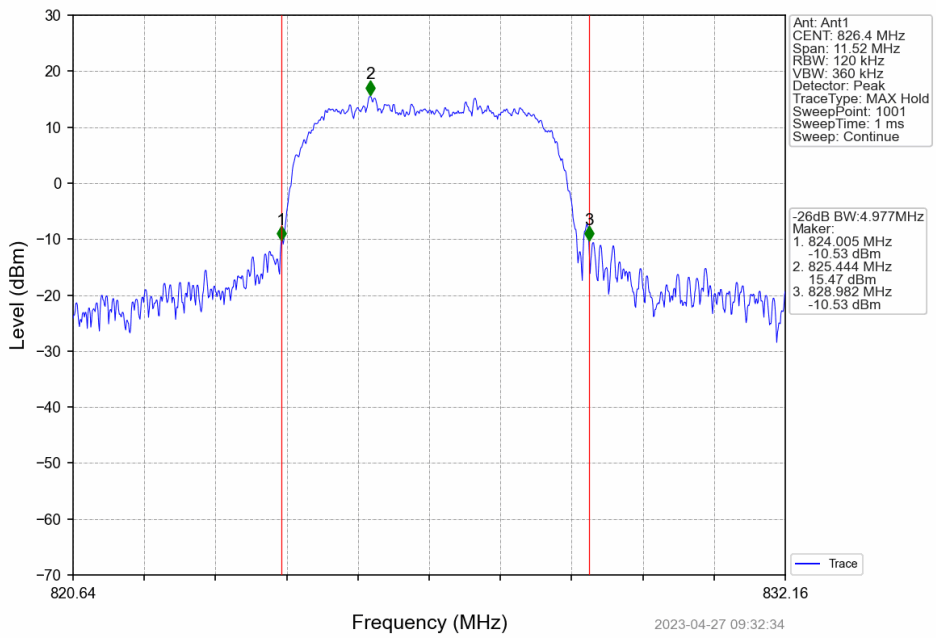
4.2 Band5_XDB

4.2.1 Test Result

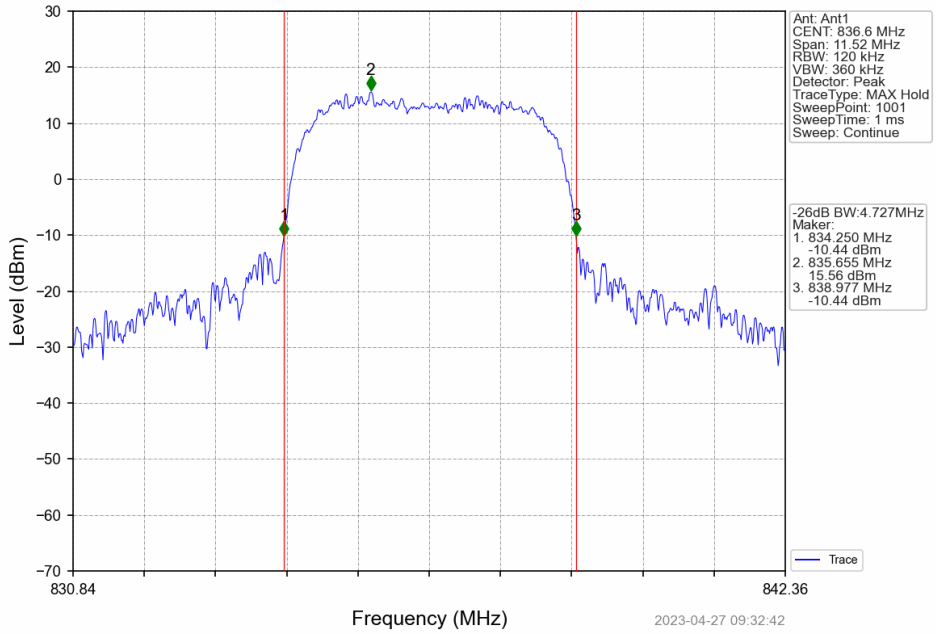
Band: 5					
ENV	Mode		Frequency (MHz)	26dB Bandwidth (MHz)	Verdict
	Network	Subset		Result	
NTNV	HSDPA	Subtest 1	826.4	4.977	Pass
			836.6	4.727	Pass
			846.6	4.999	Pass
	HSUPA	Subtest 1	826.4	5.187	Pass
			836.6	4.751	Pass
			846.6	5.594	Pass

4.2.2 Test Graph

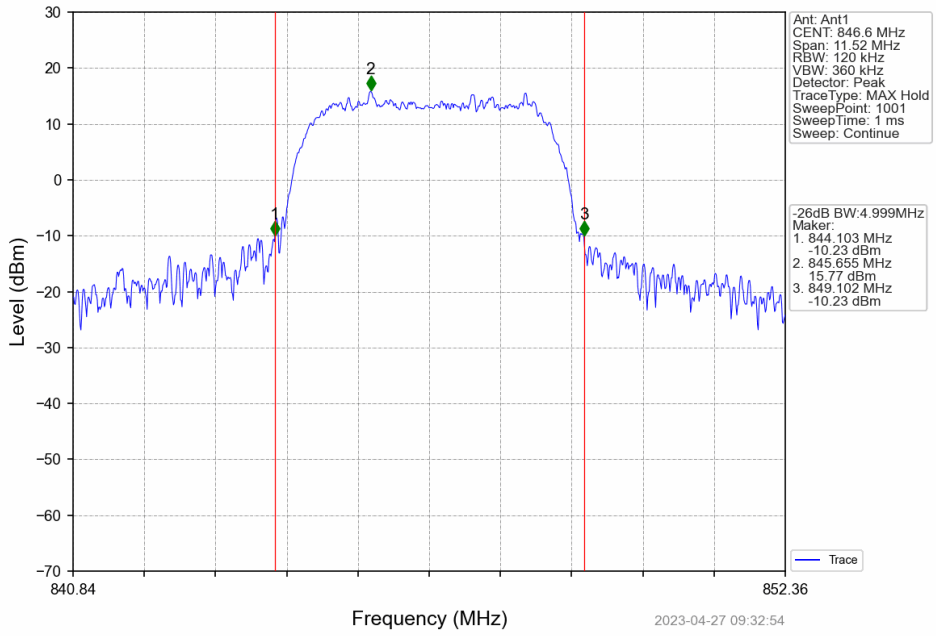
Band5_HSDPA_LCH_826.4MHz_Subtest 1_NTNV



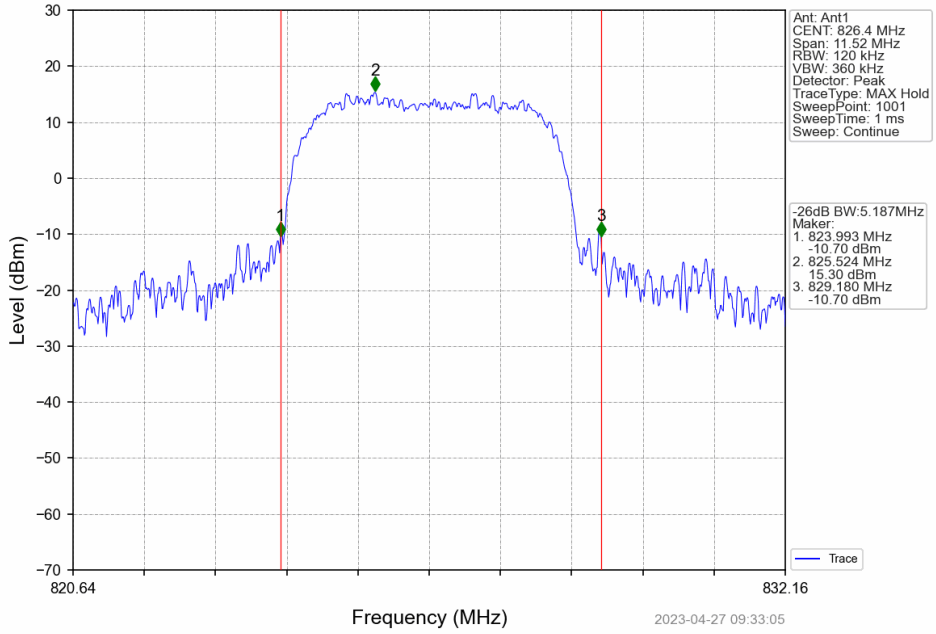
Band5_HSDPA_MCH_836.6MHz_Subtest 1_NTNV



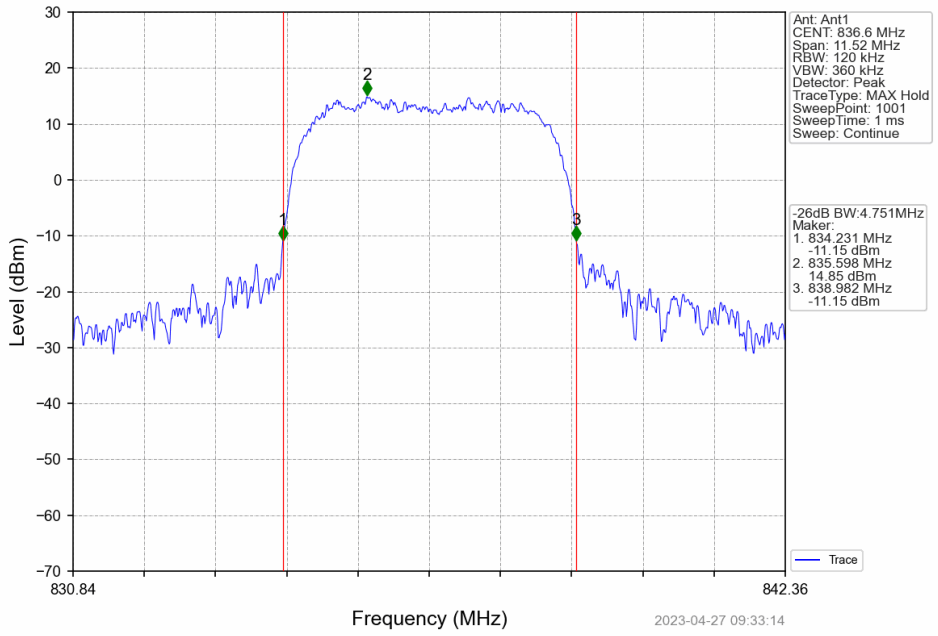
Band5_HSDPA_HCH_846.6MHz_Subtest 1_NTNV



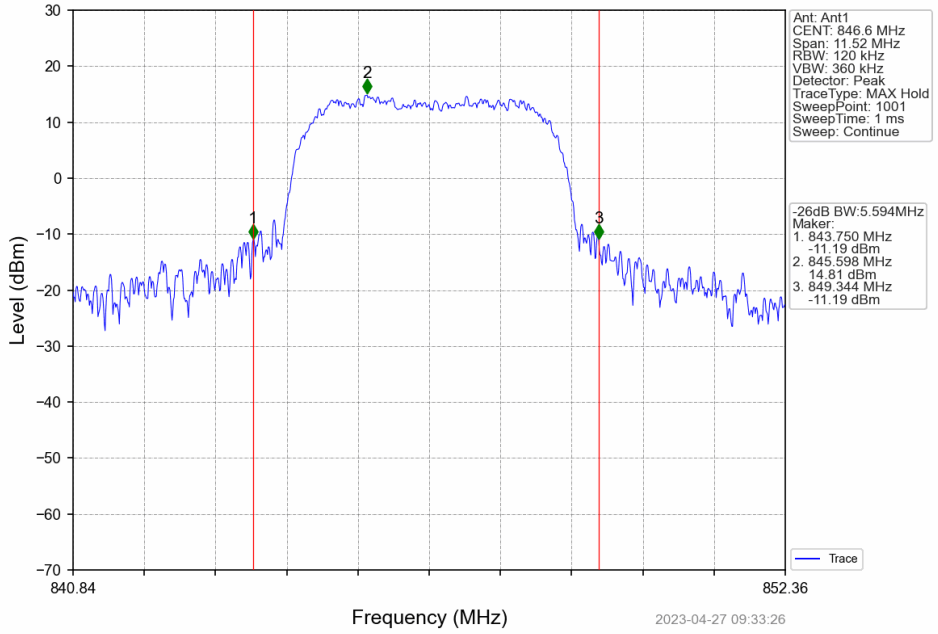
Band5_HSUPA_LCH_826.4MHz_Subtest 1_NTNV



Band5_HSUPA_MCH_836.6MHz_Subtest 1_NTNV



Band5_HSUPA_HCH_846.6MHz_Subtest 1_NTNV



5. Peak-Average Ratio

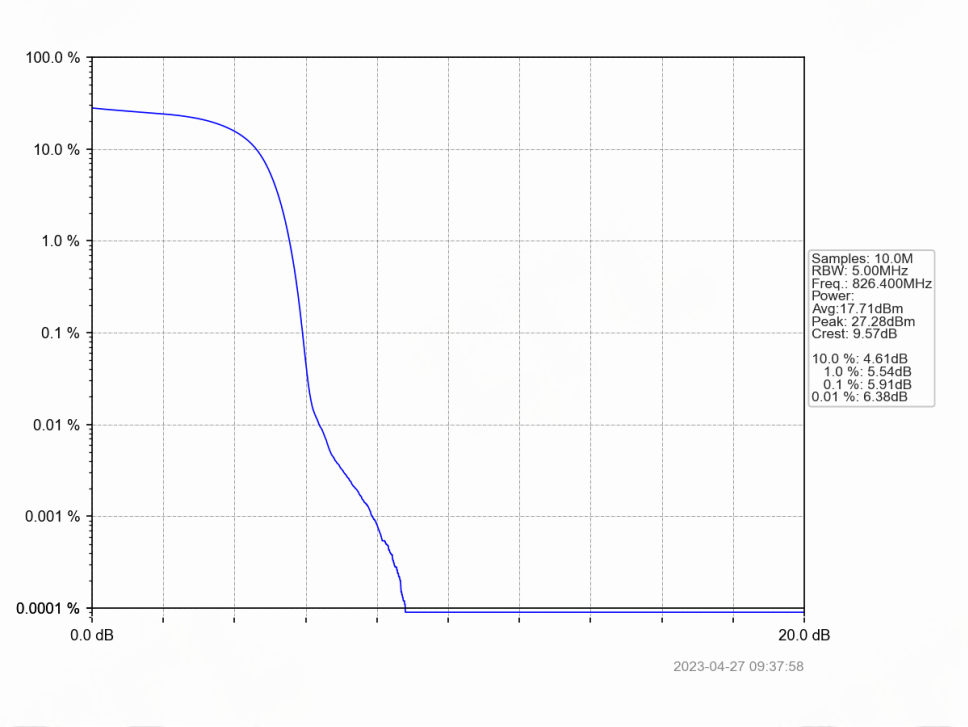
5.1 Band5

5.1.1 Test Result

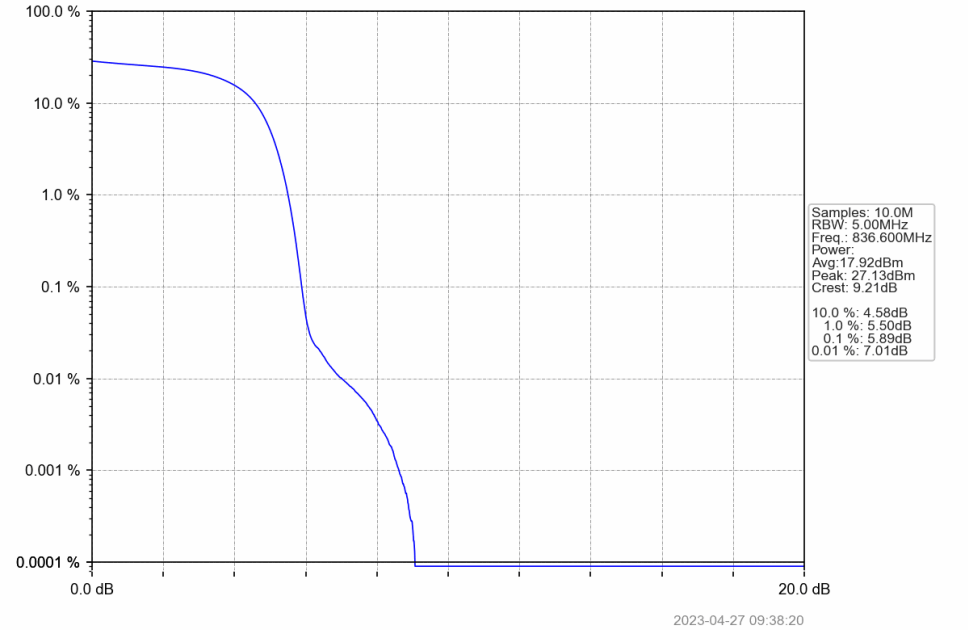
Band: 5						
ENV	Mode		Frequency (MHz)	Peak-Average Ratio (dB)		Verdict
	Network	Subset		Result	Limit	
NTNV	HSDPA	Subtest 1	826.4	5.91	<=13	Pass
			836.6	5.89	<=13	Pass
			846.6	5.89	<=13	Pass
	HSUPA	Subtest 1	826.4	5.86	<=13	Pass
			836.6	5.91	<=13	Pass
			846.6	5.89	<=13	Pass

5.1.2 Test Graph

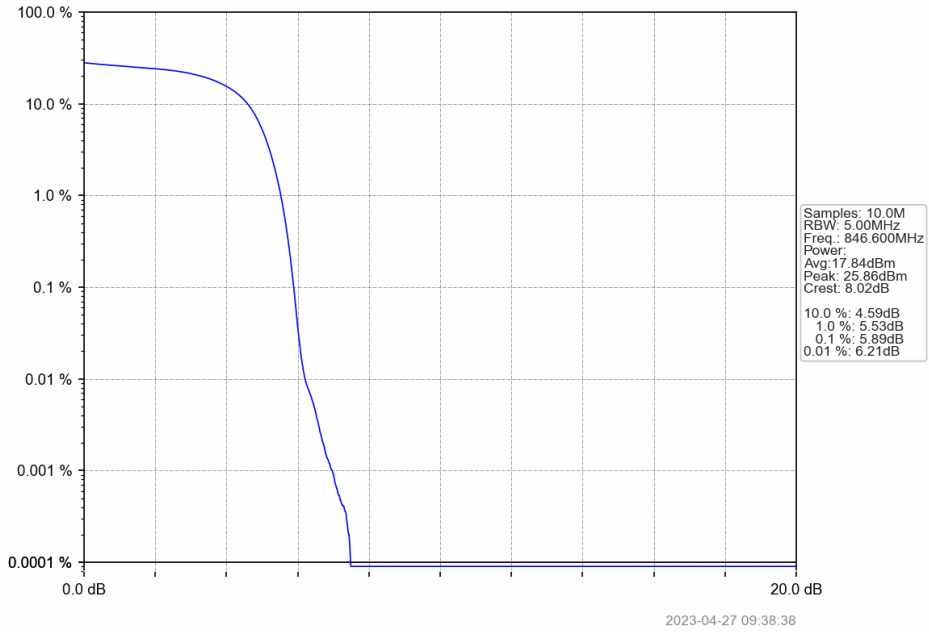
Band5_HSDPA_LCH_826.4MHz_Subtest 1_NTNV



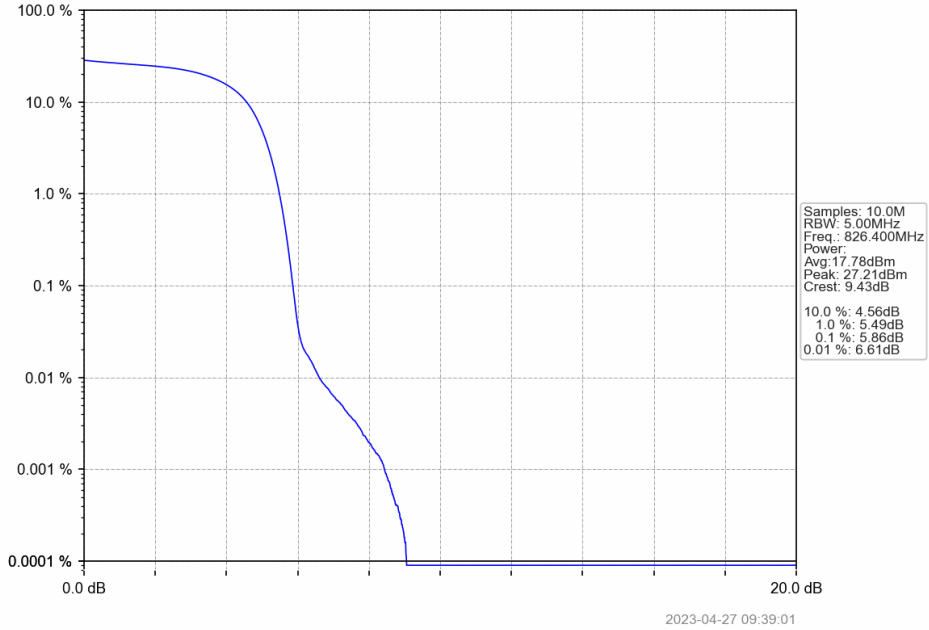
Band5_HSDPA_MCH_836.6MHz_Subtest 1_NTNV



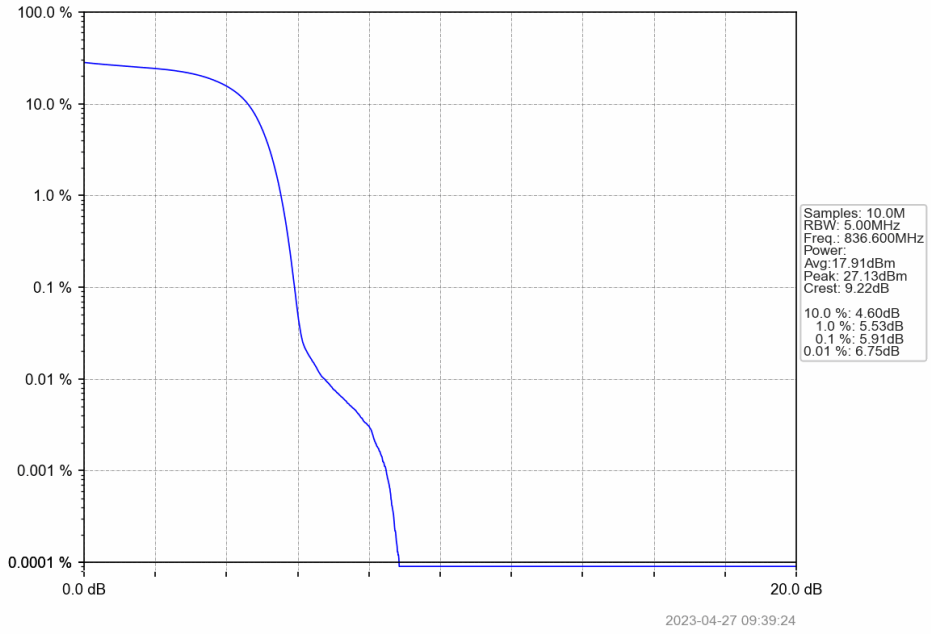
Band5_HSDPA_HCH_846.6MHz_Subtest 1_NTNV



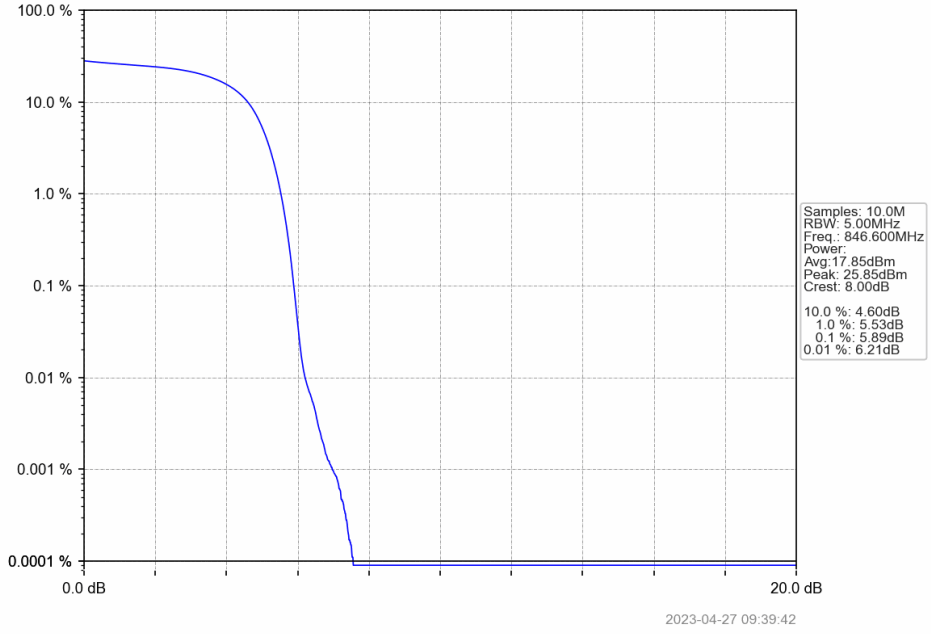
Band5_HSUPA_LCH_826.4MHz_Subtest 1_NTNV



Band5_HSUPA_MCH_836.6MHz_Subtest 1_NTNV



Band5_HSUPA_HCH_846.6MHz_Subtest 1_NTNV



6. Spurious Emission

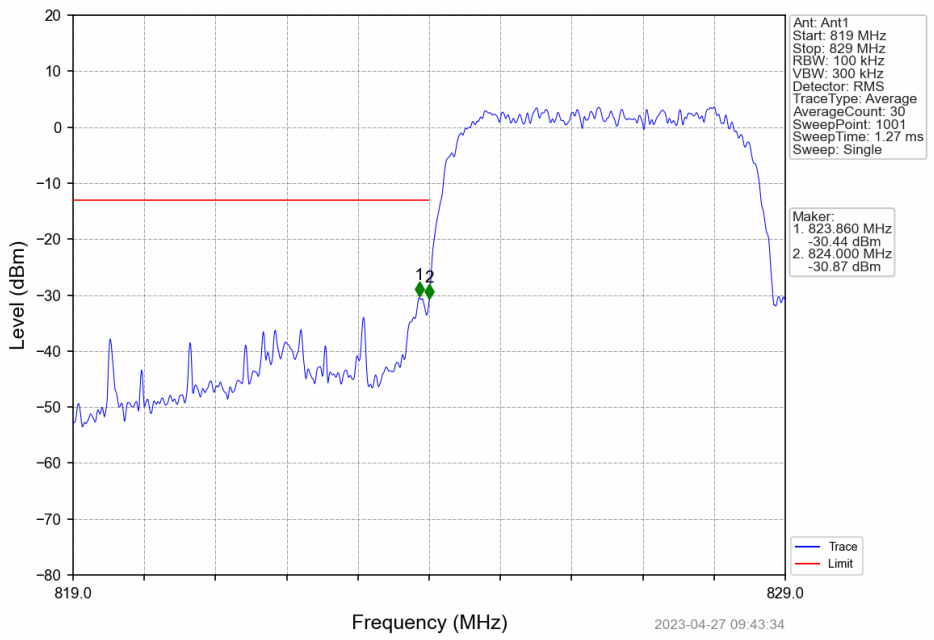
6.1 Band5

6.1.1 Test Result

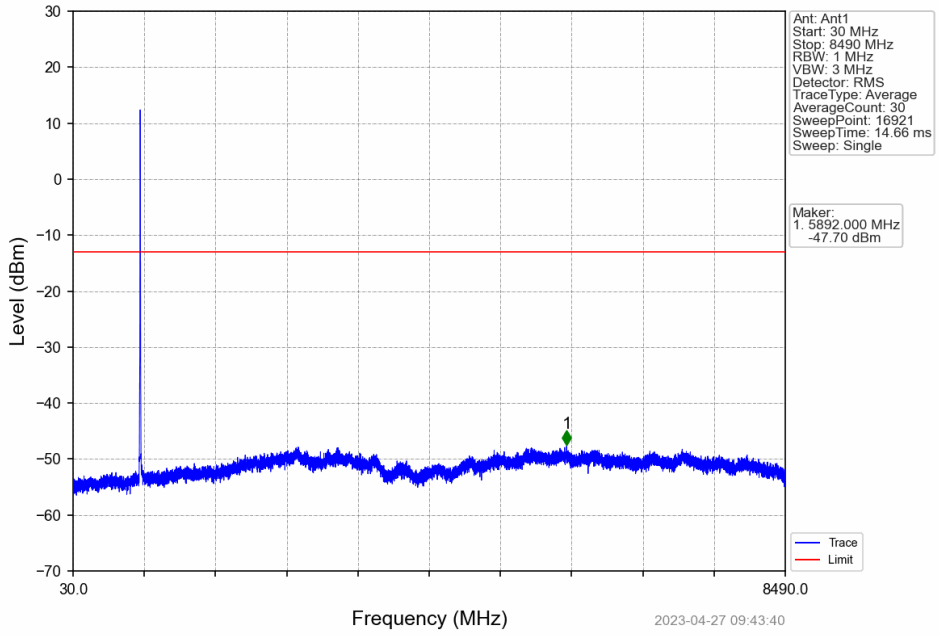
Band: 5						
ENV	Mode		Frequency (MHz)	Spurious Emission		Verdict
	Network	Subset		Result	Limit	
NTNV	HSDPA	Subtest 1	826.4	Refer To Test Graph		Pass
			836.6	Refer To Test Graph		Pass
			846.6	Refer To Test Graph		Pass
	HSUPA	Subtest 1	826.4	Refer To Test Graph		Pass
			836.6	Refer To Test Graph		Pass
			846.6	Refer To Test Graph		Pass

6.1.2 Test Graph

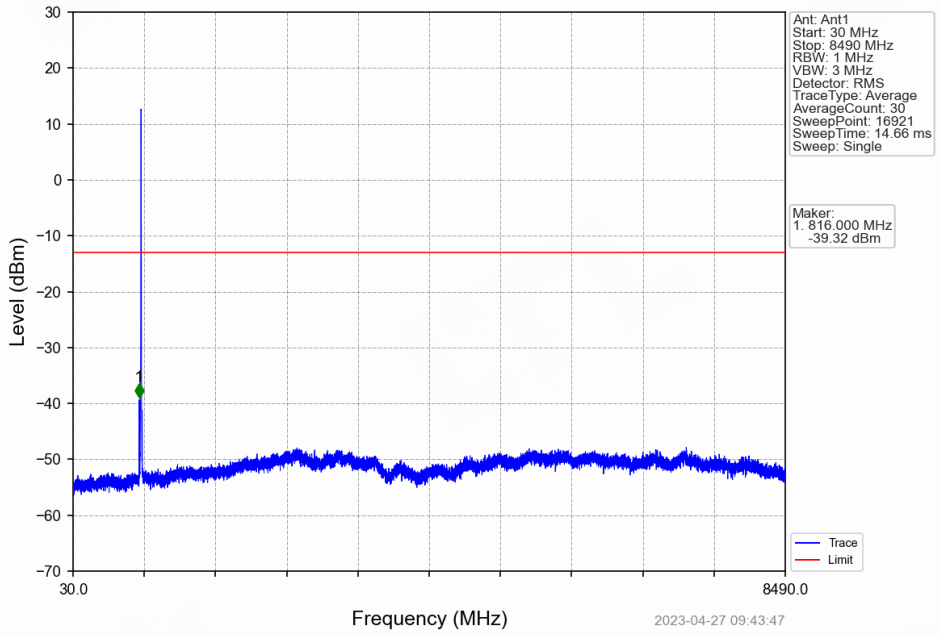
Band5_HSDPA_LCH_826.4MHz_Subtest 1_NTNV



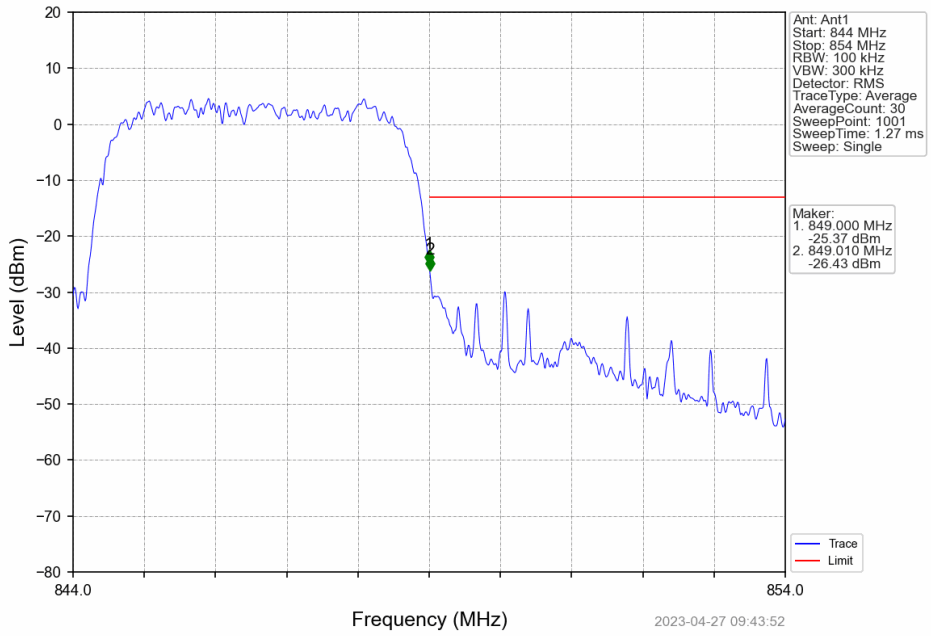
Band5_HSDPA_LCH_826.4MHz_Subtest 1_NTNV



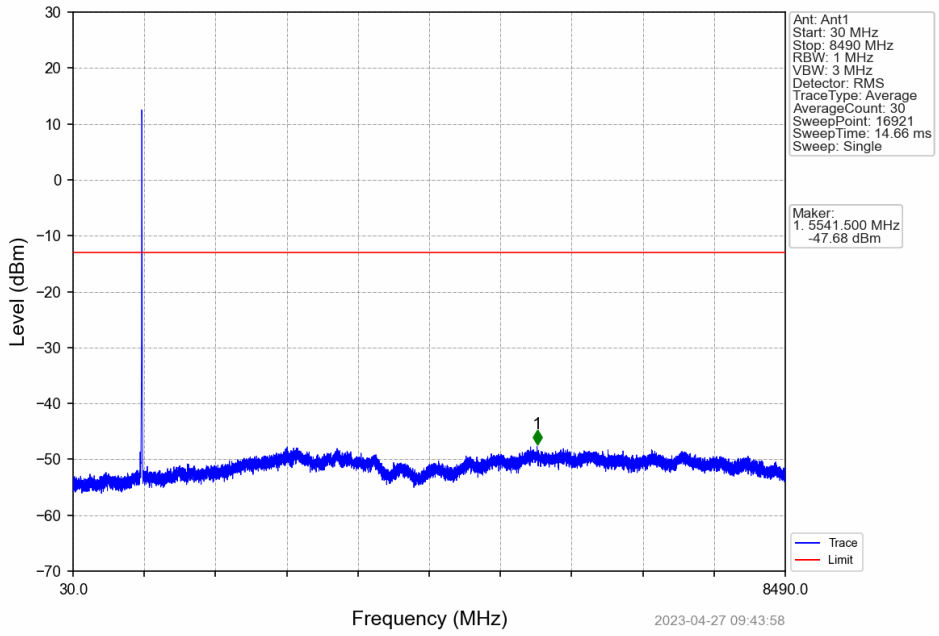
Band5_HSDPA_MCH_836.6MHz_Subtest 1_NTNV



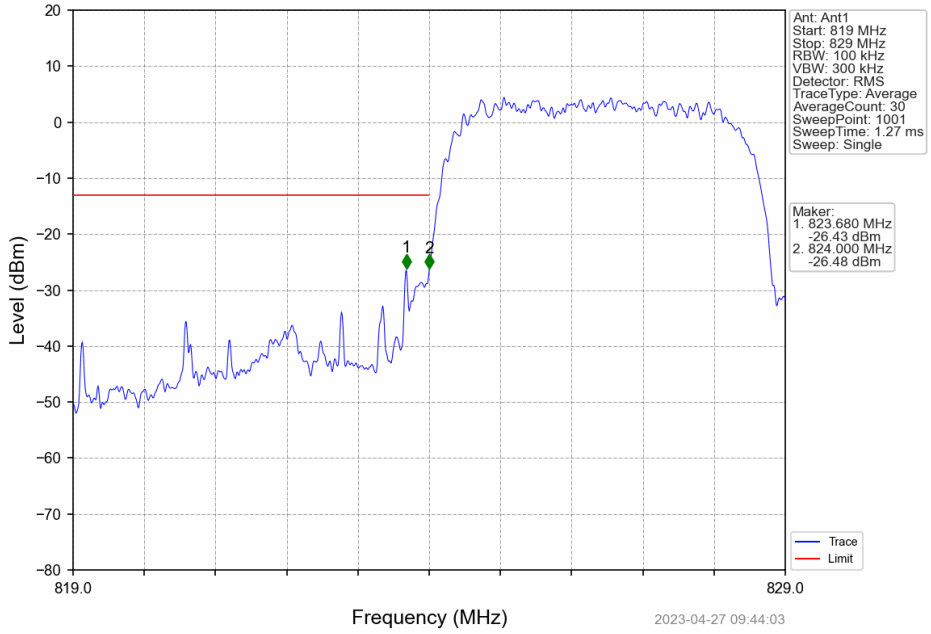
Band5_HSDPA_HCH_846.6MHz_Subtest 1_NTNV



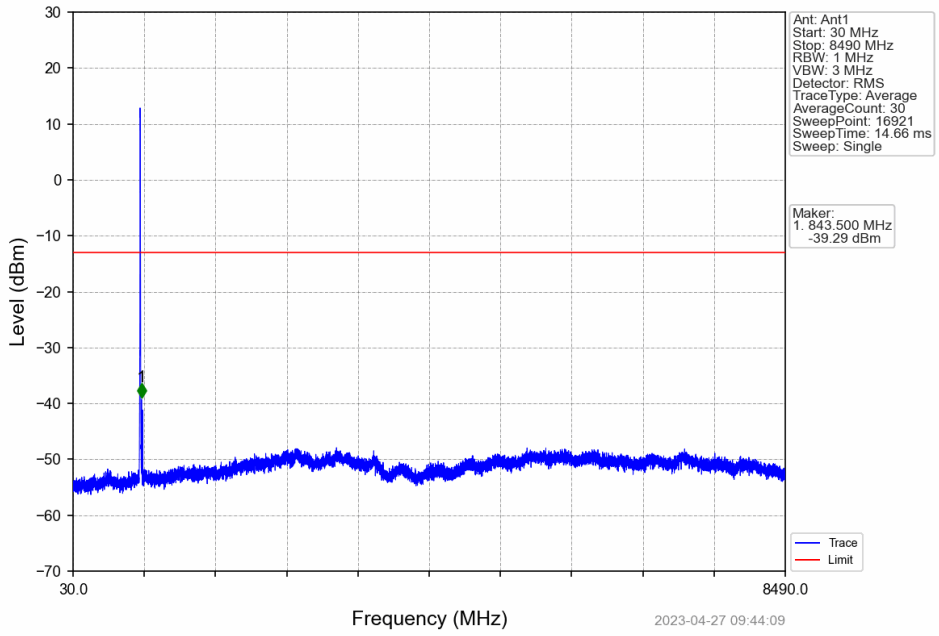
Band5_HSDPA_HCH_846.6MHz_Subtest 1_NTNV



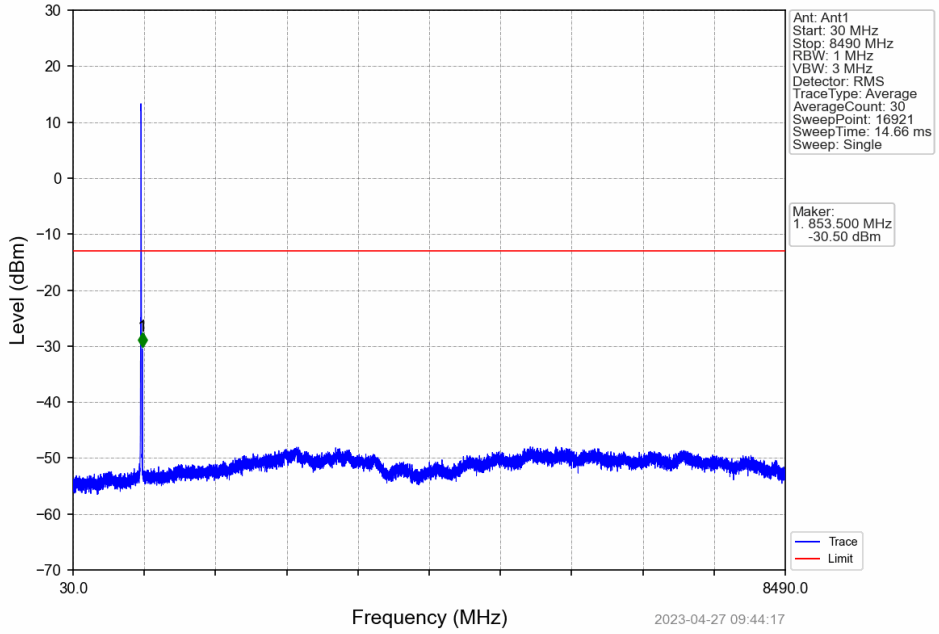
Band5_HSUPA_LCH_826.4MHz_Subtest 1_NTNV



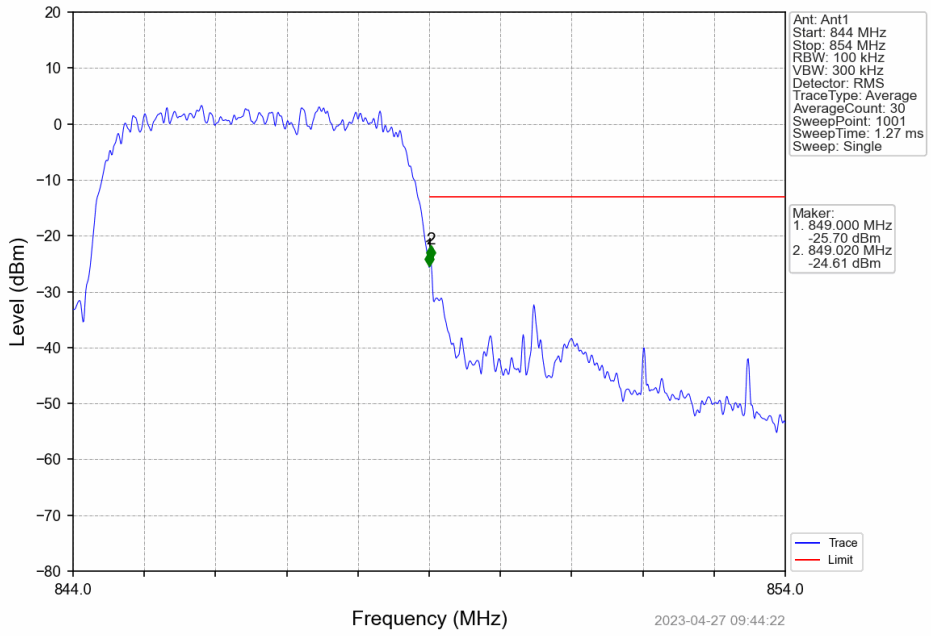
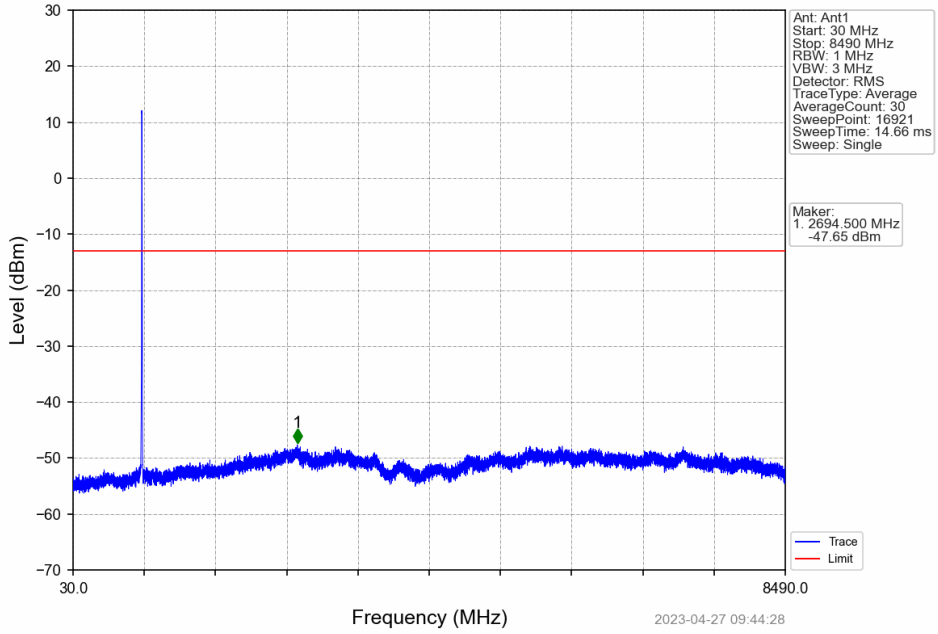
Band5_HSUPA_LCH_826.4MHz_Subtest 1_NTNV



Band5_HSUPA_MCH_836.6MHz_Subtest 1_NTNV



Band5_HSUPA_HCH_846.6MHz_Subtest 1_NTNV



Band5_HSUPA_HCH_846.6MHz_Subtest 1_NTNV