

Band: GSM850								
ENV	Mode		Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
	Network	Subset				Result	Limit	
NTNV	GPRS	1 TX Slot	824.2	32.07	-1.84	28.08	<=38.45	Pass
		2 TX Slots	824.2	30.63	-1.84	26.64	<=38.45	Pass
		3 TX Slots	824.2	28.46	-1.84	24.47	<=38.45	Pass
		4 TX Slots	824.2	26.32	-1.84	22.33	<=38.45	Pass
		1 TX Slot	836.6	32.15	-1.84	28.16	<=38.45	Pass
		2 TX Slots	836.6	30.75	-1.84	26.76	<=38.45	Pass
		3 TX Slots	836.6	28.57	-1.84	24.58	<=38.45	Pass
		4 TX Slots	836.6	26.39	-1.84	22.40	<=38.45	Pass
		1 TX Slot	848.8	32.46	-1.84	28.47	<=38.45	Pass
		2 TX Slots	848.8	31.01	-1.84	27.02	<=38.45	Pass
		3 TX Slots	848.8	28.95	-1.84	24.96	<=38.45	Pass
		4 TX Slots	848.8	26.73	-1.84	22.74	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

2. Frequency Stability

2.1 Test Result

2.1.1 GSM850

Band: GSM850							
Network	Frequency (MHz)	Temp. (°C)	Voltage (VAC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
					Result	Limit	
GPRS	824.2	20	102	-5.431	-0.0066	-2.5 to 2.5	Pass
			120	-6.789	-0.0082	-2.5 to 2.5	Pass
			138	-7.423	-0.0090	-2.5 to 2.5	Pass
		-30	120	-4.517	-0.0055	-2.5 to 2.5	Pass
		-20	120	-5.486	-0.0067	-2.5 to 2.5	Pass
		-10	120	-4.264	-0.0052	-2.5 to 2.5	Pass
		0	120	-5.282	-0.0064	-2.5 to 2.5	Pass
		10	120	-6.010	-0.0073	-2.5 to 2.5	Pass
		30	120	-4.351	-0.0053	-2.5 to 2.5	Pass
		40	120	-6.264	-0.0076	-2.5 to 2.5	Pass
		50	120	-4.192	-0.0051	-2.5 to 2.5	Pass
	836.6	20	102	-5.487	-0.0066	-2.5 to 2.5	Pass
			120	-5.287	-0.0063	-2.5 to 2.5	Pass
			138	-4.749	-0.0057	-2.5 to 2.5	Pass
		-30	120	-4.516	-0.0054	-2.5 to 2.5	Pass
		-20	120	-5.717	-0.0068	-2.5 to 2.5	Pass
		-10	120	-4.074	-0.0049	-2.5 to 2.5	Pass
		0	120	-4.253	-0.0051	-2.5 to 2.5	Pass
		10	120	-5.241	-0.0063	-2.5 to 2.5	Pass
		30	120	-4.669	-0.0056	-2.5 to 2.5	Pass
		40	120	-5.871	-0.0070	-2.5 to 2.5	Pass
		50	120	-5.872	-0.0070	-2.5 to 2.5	Pass
	848.8	20	102	-4.776	-0.0056	-2.5 to 2.5	Pass
			120	-6.455	-0.0076	-2.5 to 2.5	Pass
			138	-7.054	-0.0083	-2.5 to 2.5	Pass
		-30	120	-6.450	-0.0076	-2.5 to 2.5	Pass
		-20	120	-6.836	-0.0081	-2.5 to 2.5	Pass
		-10	120	-5.836	-0.0069	-2.5 to 2.5	Pass
		0	120	-7.243	-0.0085	-2.5 to 2.5	Pass
		10	120	-5.183	-0.0061	-2.5 to 2.5	Pass
		30	120	-6.154	-0.0073	-2.5 to 2.5	Pass
		40	120	-5.596	-0.0066	-2.5 to 2.5	Pass
		50	120	-6.569	-0.0077	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 GSM850_OBW

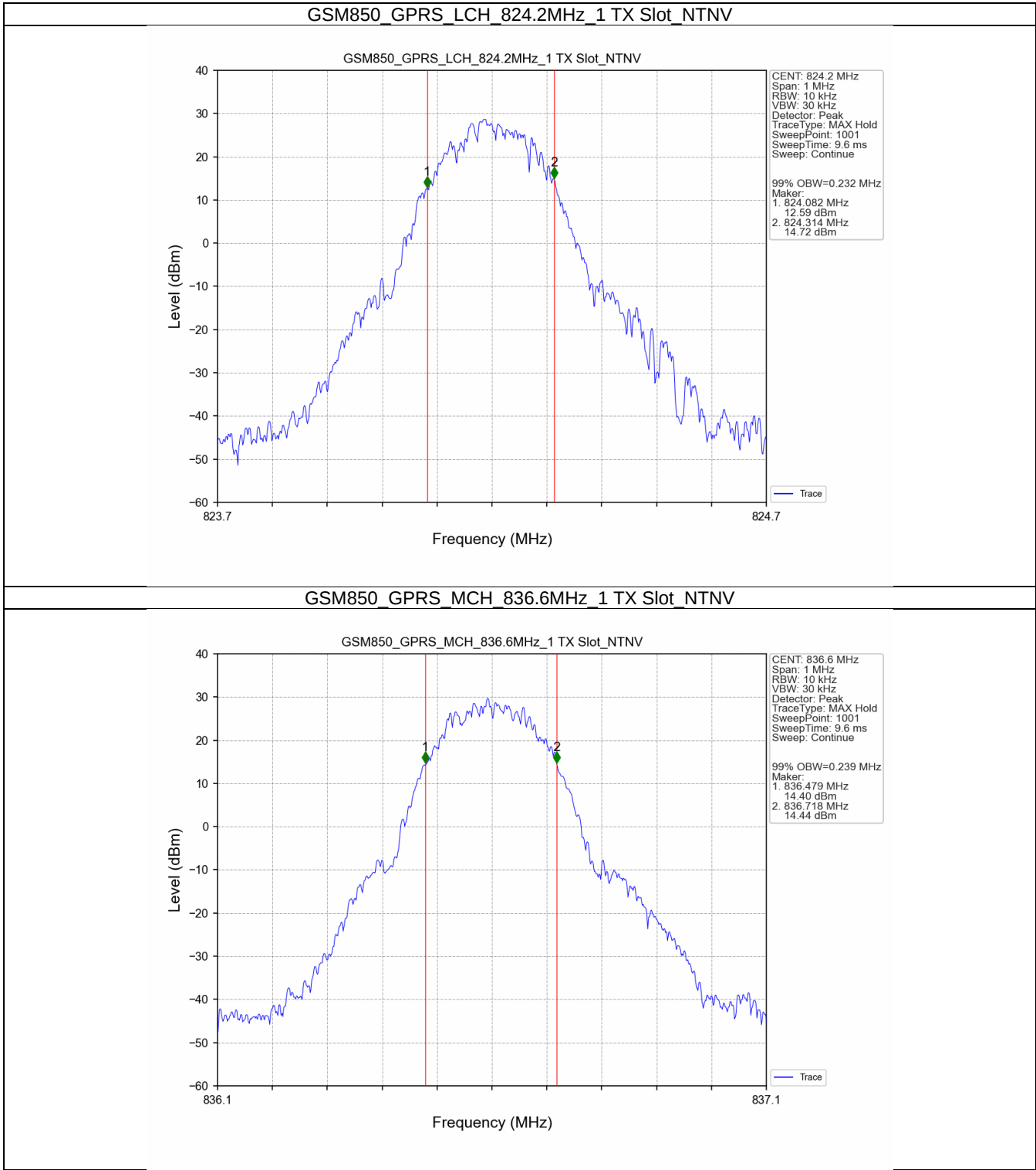
Band: GSM850						
ENV	Mode		Frequency (MHz)	99% Occupied Bandwidth (MHz)		Verdict
	Network	Subset		Result	Limit	
NTNV	GPRS	1 TX Slot	824.2	0.232	/	Pass
			836.6	0.239	/	Pass
			848.8	0.238	/	Pass

3.1.2 GSM850_XDB

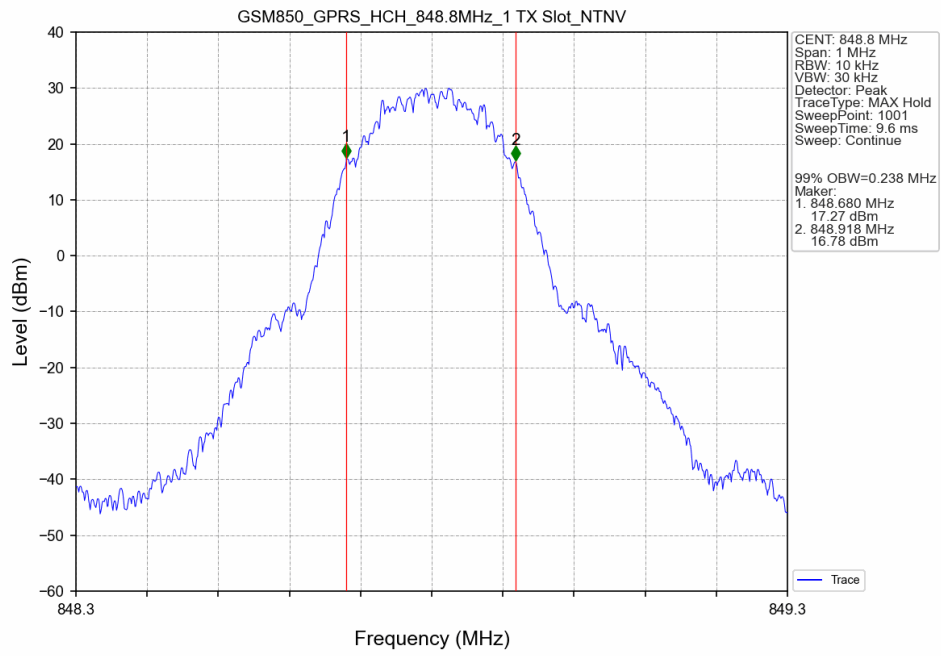
Band: GSM850						
ENV	Mode		Frequency (MHz)	26dB Bandwidth (MHz)		Verdict
	Network	Subset		Result	Limit	
NTNV	GPRS	1 TX Slot	824.2	0.292	/	Pass
			836.6	0.304	/	Pass
			848.8	0.304	/	Pass

3.2 Test Graph

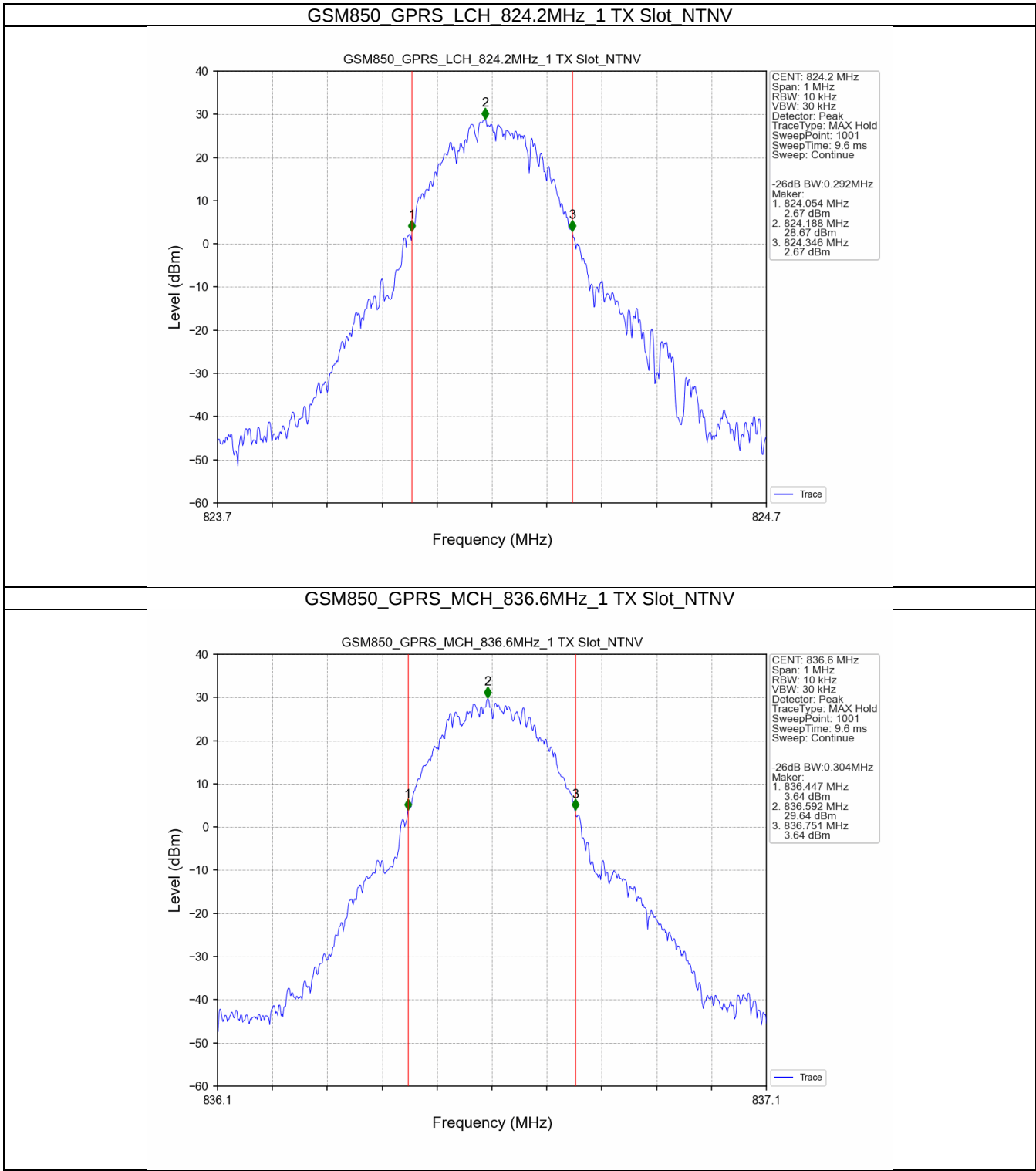
3.2.1 GSM850_OBW



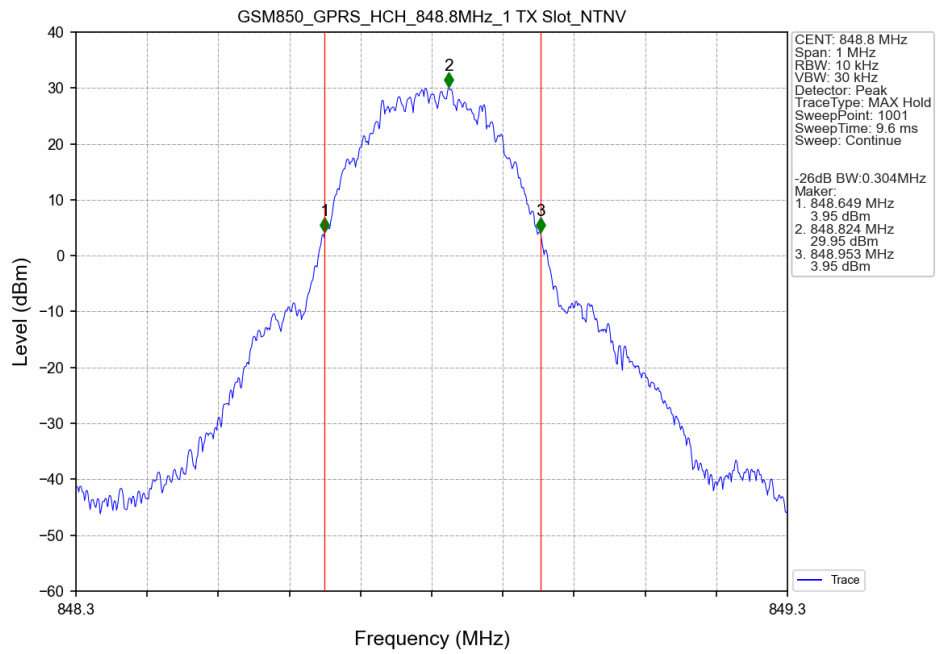
GSM850_GPRS_HCH_848.8MHz_1 TX Slot_NTNV



3.2.2 GSM850_XDB



GSM850_GPRS_HCH_848.8MHz_1 TX Slot_NTNV



4. Peak-Average Ratio

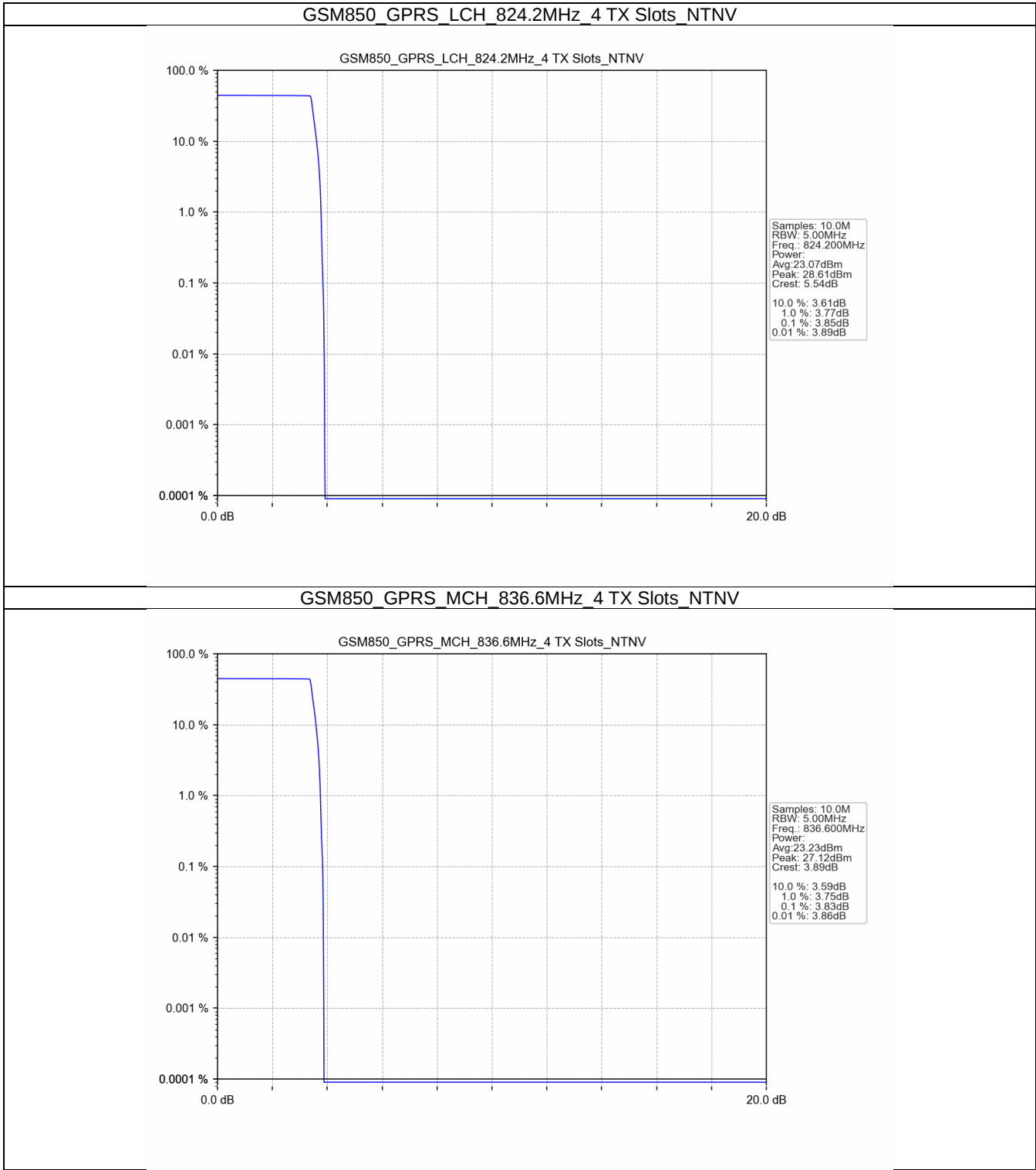
4.1 Test Result

4.1.1 GSM850

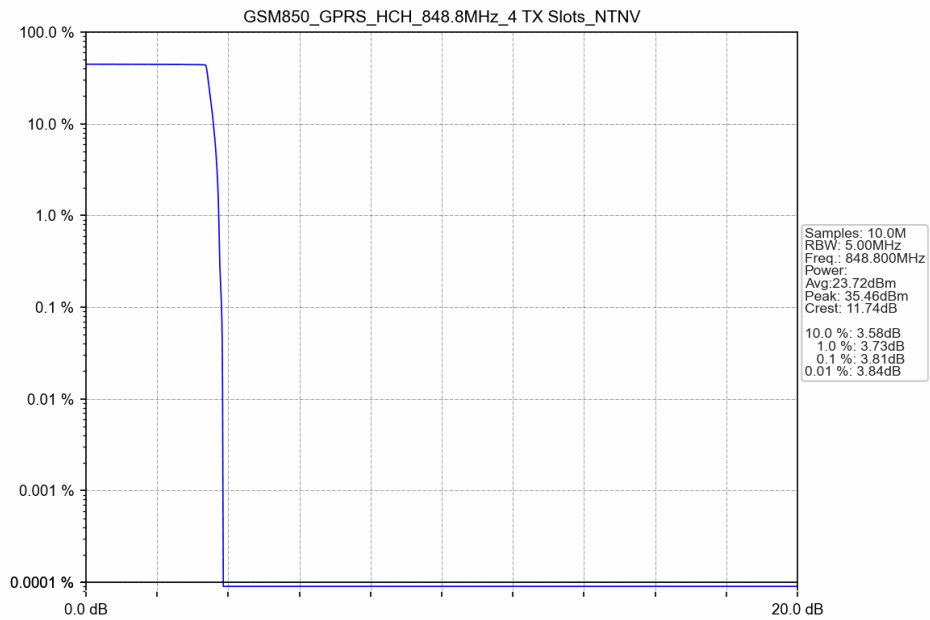
Band: GSM850						
ENV	Mode		Frequency (MHz)	Peak-Average Ratio (dB)		Verdict
	Network	Subset		Result	Limit	
NTNV	GPRS	4 TX Slots	824.2	3.85	<=13	Pass
			836.6	3.83	<=13	Pass
			848.8	3.81	<=13	Pass

4.2 Test Graph

4.2.1 GSM850



GSM850 GPRS HCH 848.8MHz 4 TX Slots NTNV



5. Spurious Emission

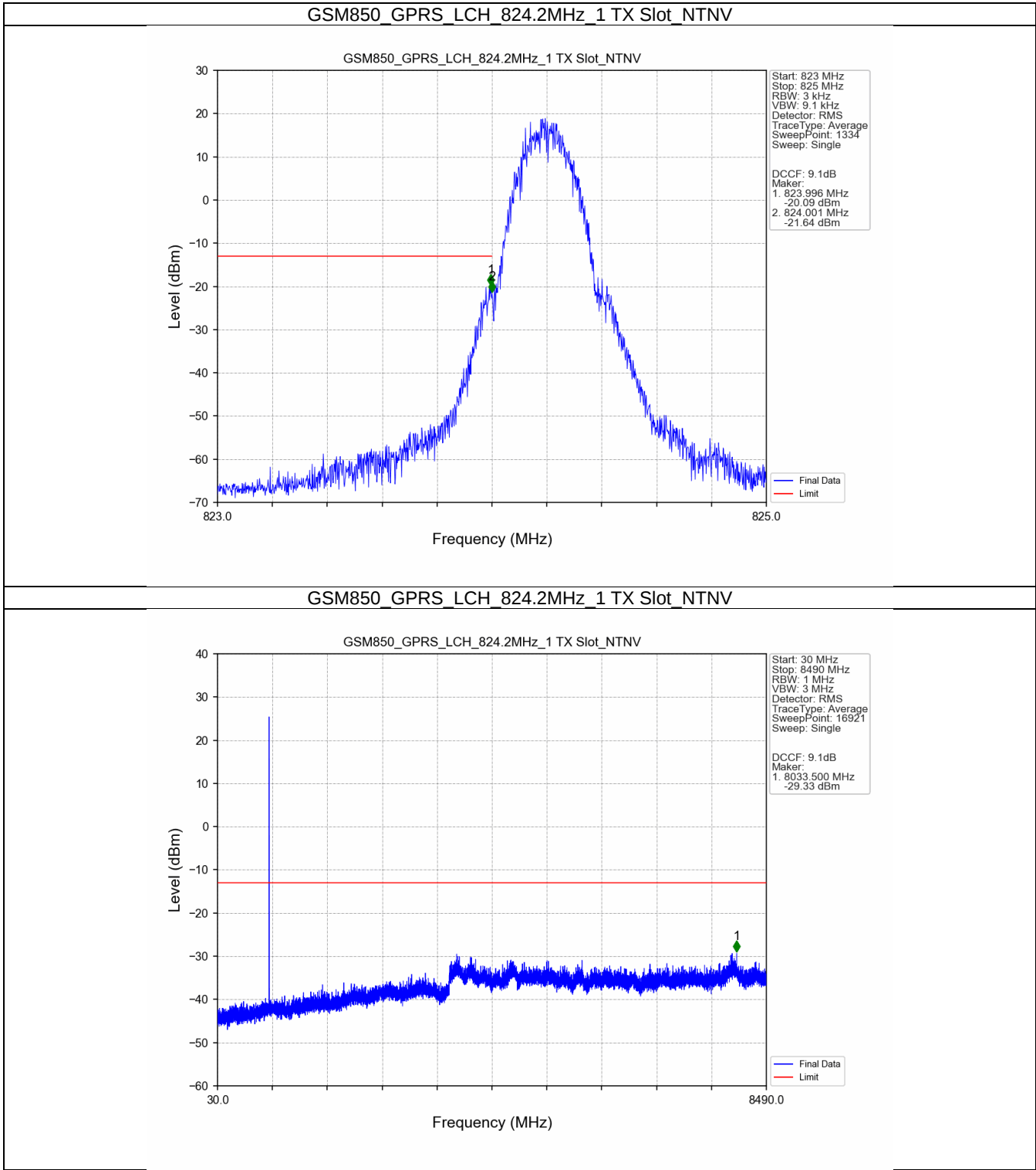
5.1 Test Result

5.1.1 GSM850

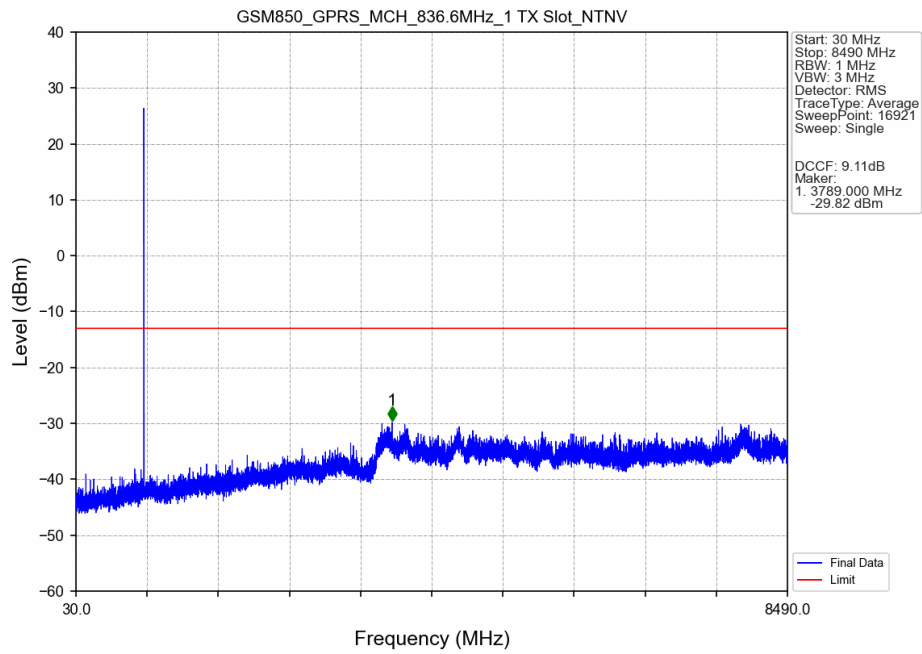
Band: GSM850					
ENV	Mode		Frequency (MHz)	Spurious Emission	
	Network	Subset		Result	Limit
NTNV	GPRS	1 TX Slot	824.2	Refer To Test Graph	Pass
			836.6	Refer To Test Graph	Pass
			848.8	Refer To Test Graph	Pass

5.2 Test Graph

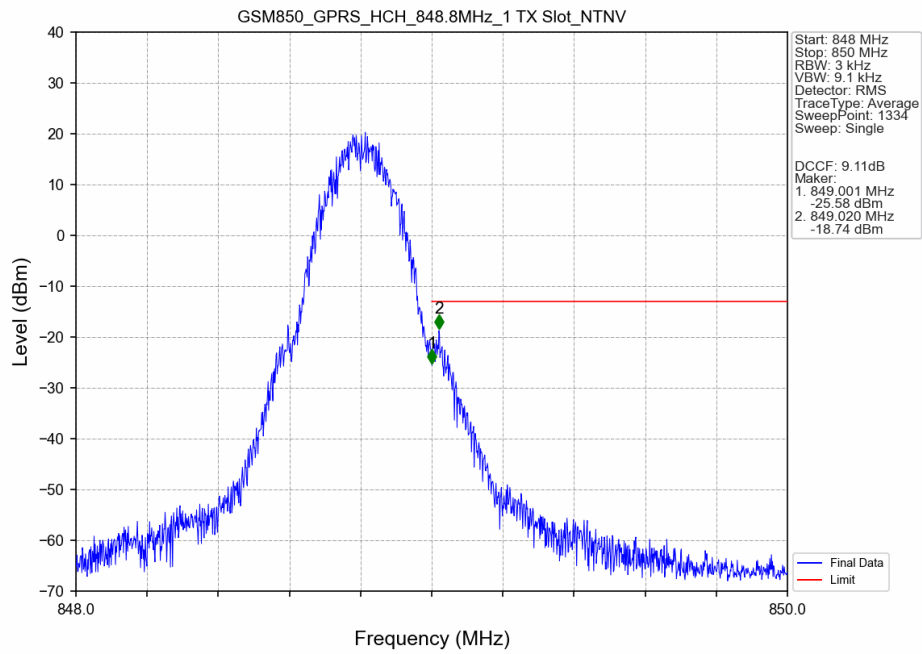
5.2.1 GSM850



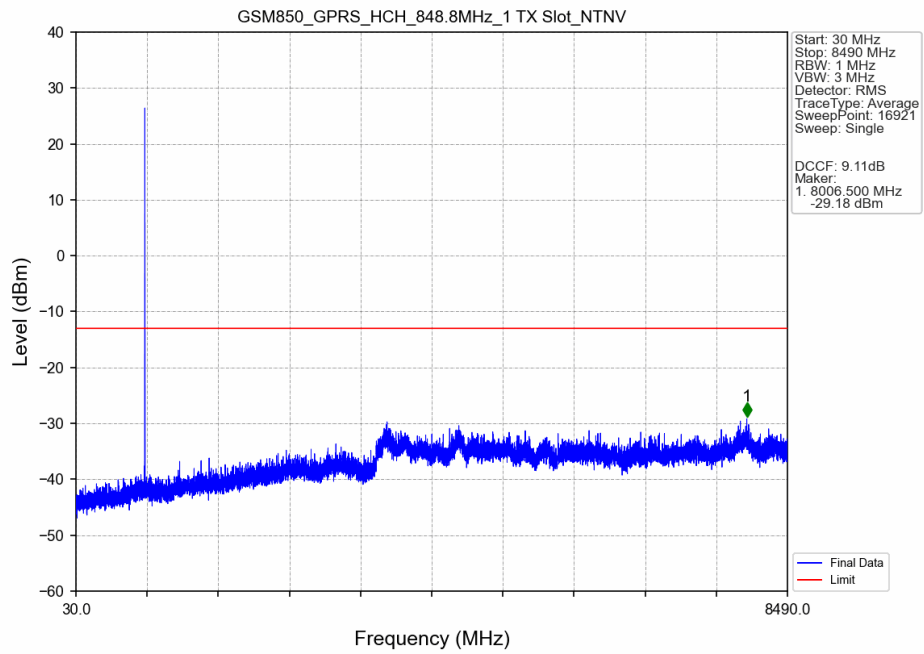
GSM850 GPRS MCH 836.6MHz 1 TX Slot_NTNV



GSM850 GPRS HCH 848.8MHz 1 TX Slot_NTNV



GSM850_GPRS_HCH_848.8MHz_1 TX Slot_NTNV



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