

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	31.85	-1.84	27.86	<=38.45	Pass
		2 TX Slots	824.2	30.28	-1.84	26.29	<=38.45	Pass
		3 TX Slots	824.2	28.08	-1.84	24.09	<=38.45	Pass
		4 TX Slots	824.2	25.88	-1.84	21.89	<=38.45	Pass
		1 TX Slot	836.6	32.06	-1.84	28.07	<=38.45	Pass
		2 TX Slots	836.6	30.48	-1.84	26.49	<=38.45	Pass
		3 TX Slots	836.6	28.32	-1.84	24.33	<=38.45	Pass
		4 TX Slots	836.6	26.14	-1.84	22.15	<=38.45	Pass
		1 TX Slot	848.8	32.34	-1.84	28.35	<=38.45	Pass
		2 TX Slots	848.8	30.81	-1.84	26.82	<=38.45	Pass
		3 TX Slots	848.8	28.65	-1.84	24.66	<=38.45	Pass
		4 TX Slots	848.8	26.42	-1.84	22.43	<=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 (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
					Result	Limit	
GPRS	824.2	20	3.40	-3.873	-0.0047	-2.5 to 2.5	Pass
			3.60	-4.447	-0.0054	-2.5 to 2.5	Pass
			4.20	-4.851	-0.0059	-2.5 to 2.5	Pass
		-30	3.60	-3.861	-0.0047	-2.5 to 2.5	Pass
		-20	3.60	-3.880	-0.0047	-2.5 to 2.5	Pass
		-10	3.60	-4.286	-0.0052	-2.5 to 2.5	Pass
		0	3.60	-4.262	-0.0052	-2.5 to 2.5	Pass
		10	3.60	-4.372	-0.0053	-2.5 to 2.5	Pass
		30	3.60	-4.143	-0.0050	-2.5 to 2.5	Pass
		40	3.60	-5.299	-0.0064	-2.5 to 2.5	Pass
		50	3.60	-4.386	-0.0053	-2.5 to 2.5	Pass
	836.6	20	3.40	-4.529	-0.0054	-2.5 to 2.5	Pass
			3.60	-4.415	-0.0053	-2.5 to 2.5	Pass
			4.20	-3.568	-0.0043	-2.5 to 2.5	Pass
		-30	3.60	-4.405	-0.0053	-2.5 to 2.5	Pass
		-20	3.60	-5.183	-0.0062	-2.5 to 2.5	Pass
		-10	3.60	-3.628	-0.0043	-2.5 to 2.5	Pass
		0	3.60	-2.587	-0.0031	-2.5 to 2.5	Pass
		10	3.60	-6.219	-0.0074	-2.5 to 2.5	Pass
		30	3.60	-5.031	-0.0060	-2.5 to 2.5	Pass
		40	3.60	-4.947	-0.0059	-2.5 to 2.5	Pass
		50	3.60	-4.513	-0.0054	-2.5 to 2.5	Pass
	848.8	20	3.40	-6.213	-0.0073	-2.5 to 2.5	Pass
			3.60	-6.538	-0.0077	-2.5 to 2.5	Pass
			4.20	-4.990	-0.0059	-2.5 to 2.5	Pass
		-30	3.60	-5.914	-0.0070	-2.5 to 2.5	Pass
		-20	3.60	-7.759	-0.0091	-2.5 to 2.5	Pass
		-10	3.60	-4.962	-0.0058	-2.5 to 2.5	Pass
		0	3.60	-5.989	-0.0071	-2.5 to 2.5	Pass
		10	3.60	-5.514	-0.0065	-2.5 to 2.5	Pass
		30	3.60	-5.804	-0.0068	-2.5 to 2.5	Pass
		40	3.60	-6.801	-0.0080	-2.5 to 2.5	Pass
		50	3.60	-5.347	-0.0063	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 GSM850_OBW

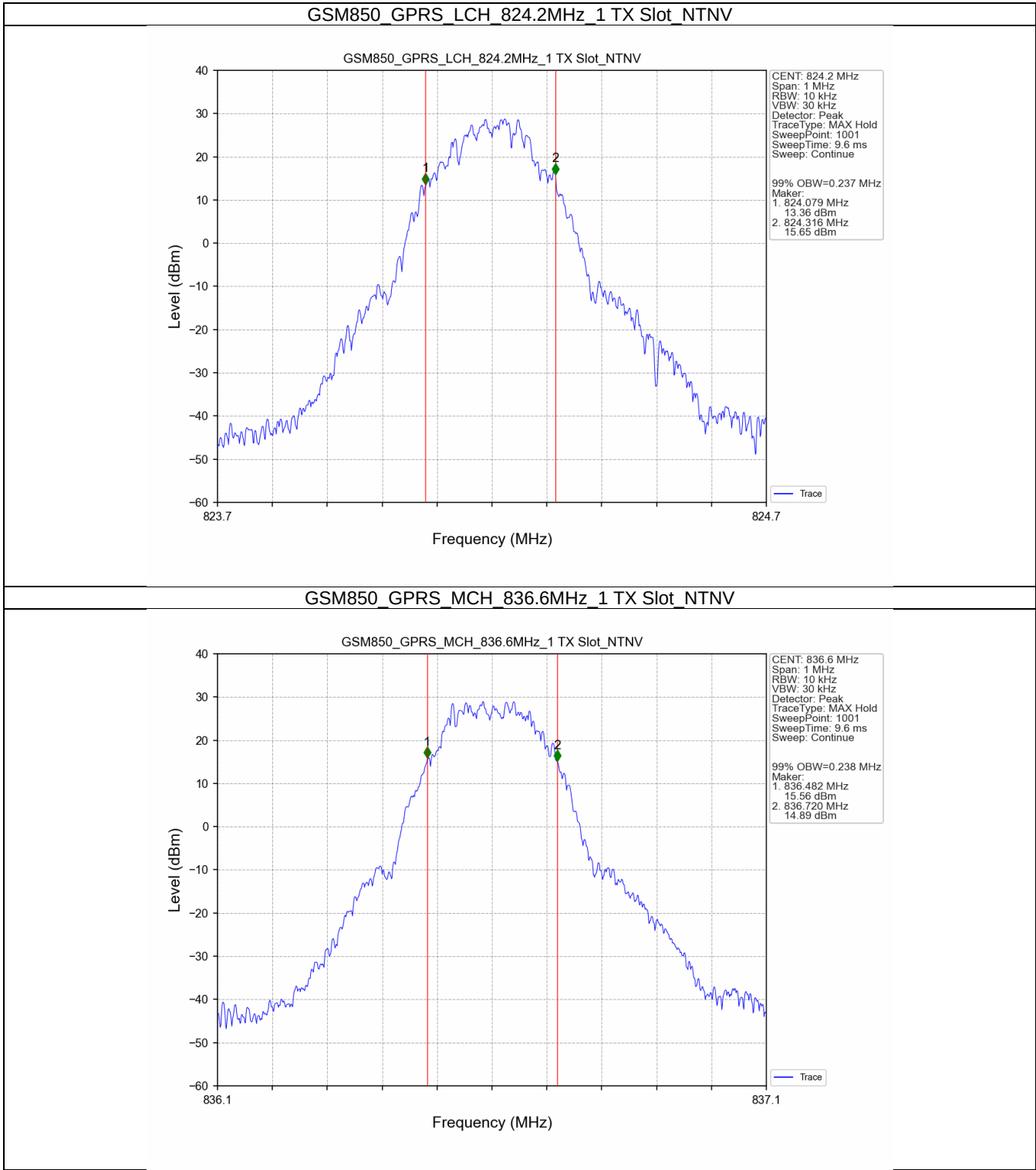
Band: GSM850						
ENV	Mode		Frequency (MHz)	99% Occupied Bandwidth (MHz)		Verdict
	Network	Subset		Result	Limit	
NTNV	GPRS	1 TX Slot	824.2	0.237	/	Pass
			836.6	0.238	/	Pass
			848.8	0.233	/	Pass

3.1.2 GSM850_XDB

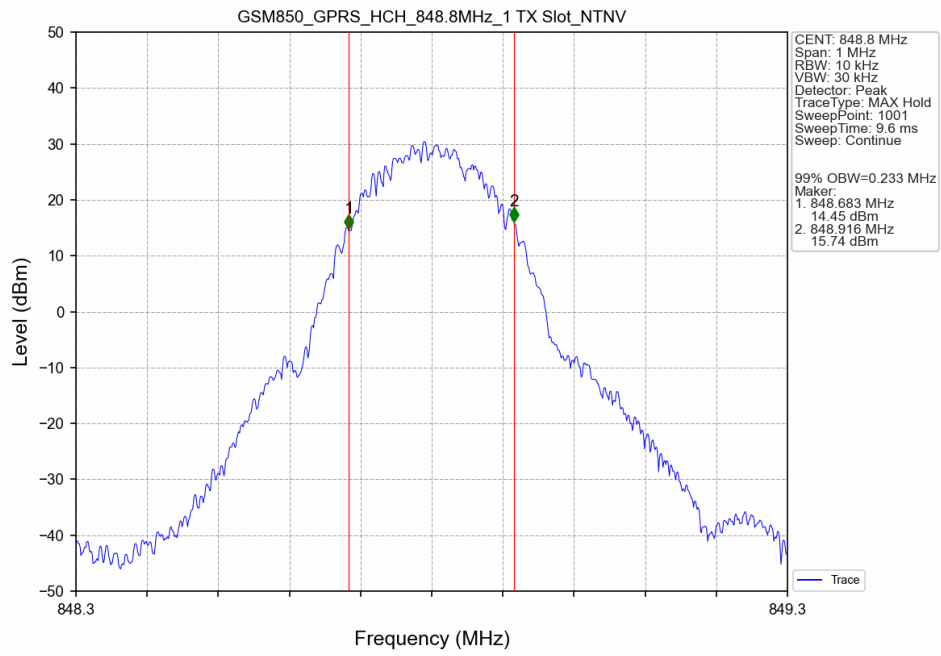
Band: GSM850						
ENV	Mode		Frequency (MHz)	26dB Bandwidth (MHz)		Verdict
	Network	Subset		Result	Limit	
NTNV	GPRS	1 TX Slot	824.2	0.303	/	Pass
			836.6	0.313	/	Pass
			848.8	0.299	/	Pass

3.2 Test Graph

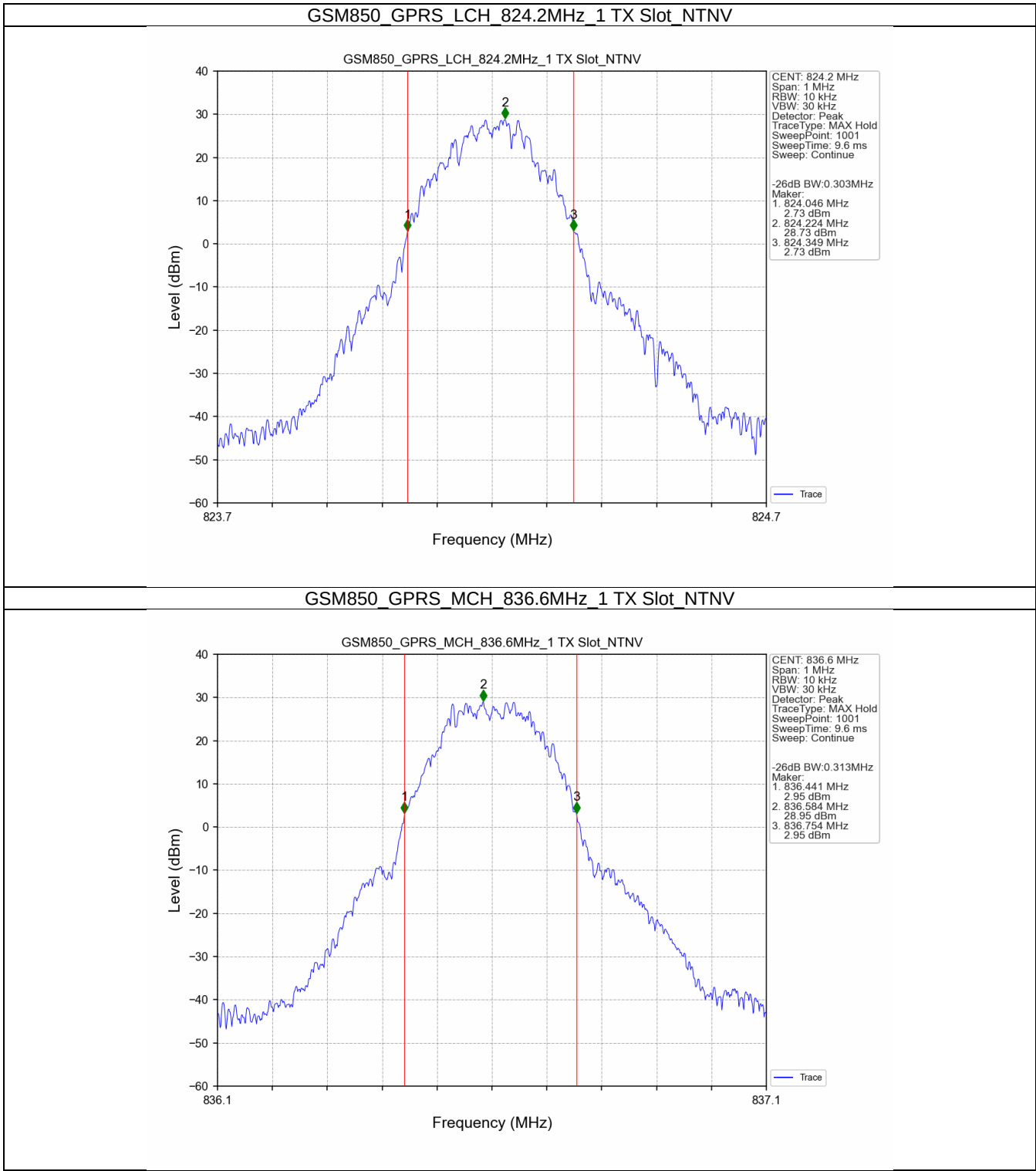
3.2.1 GSM850_OBW



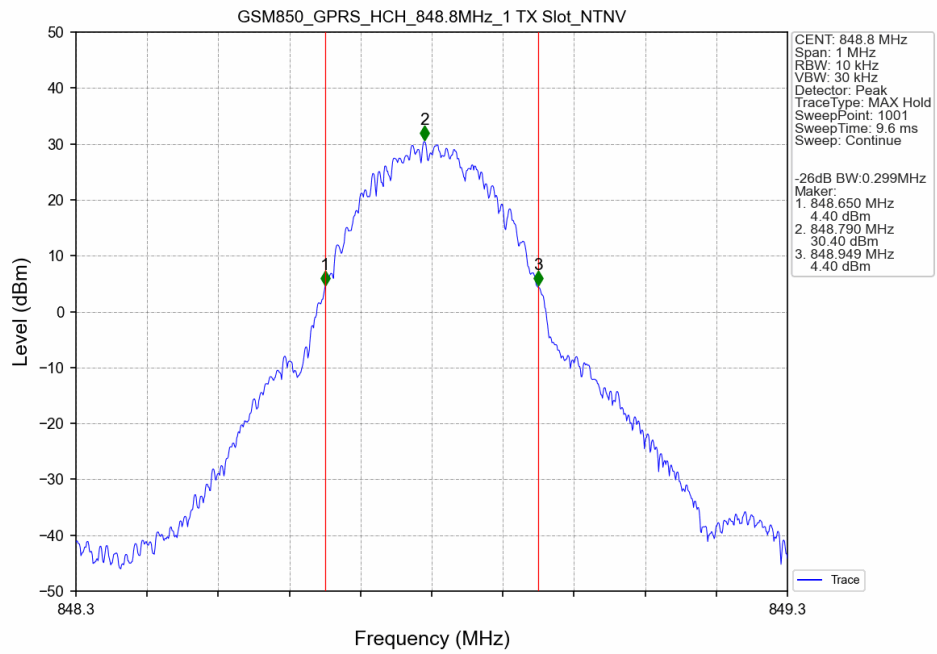
GSM850_GPRS_HCH_848.8MHz_1 TX Slot_NTNV



3.2.2 GSM850_XDB



GSM850_GPRS_HCH_848.8MHz_1 TX Slot_NTNV



4. Peak-Average Ratio

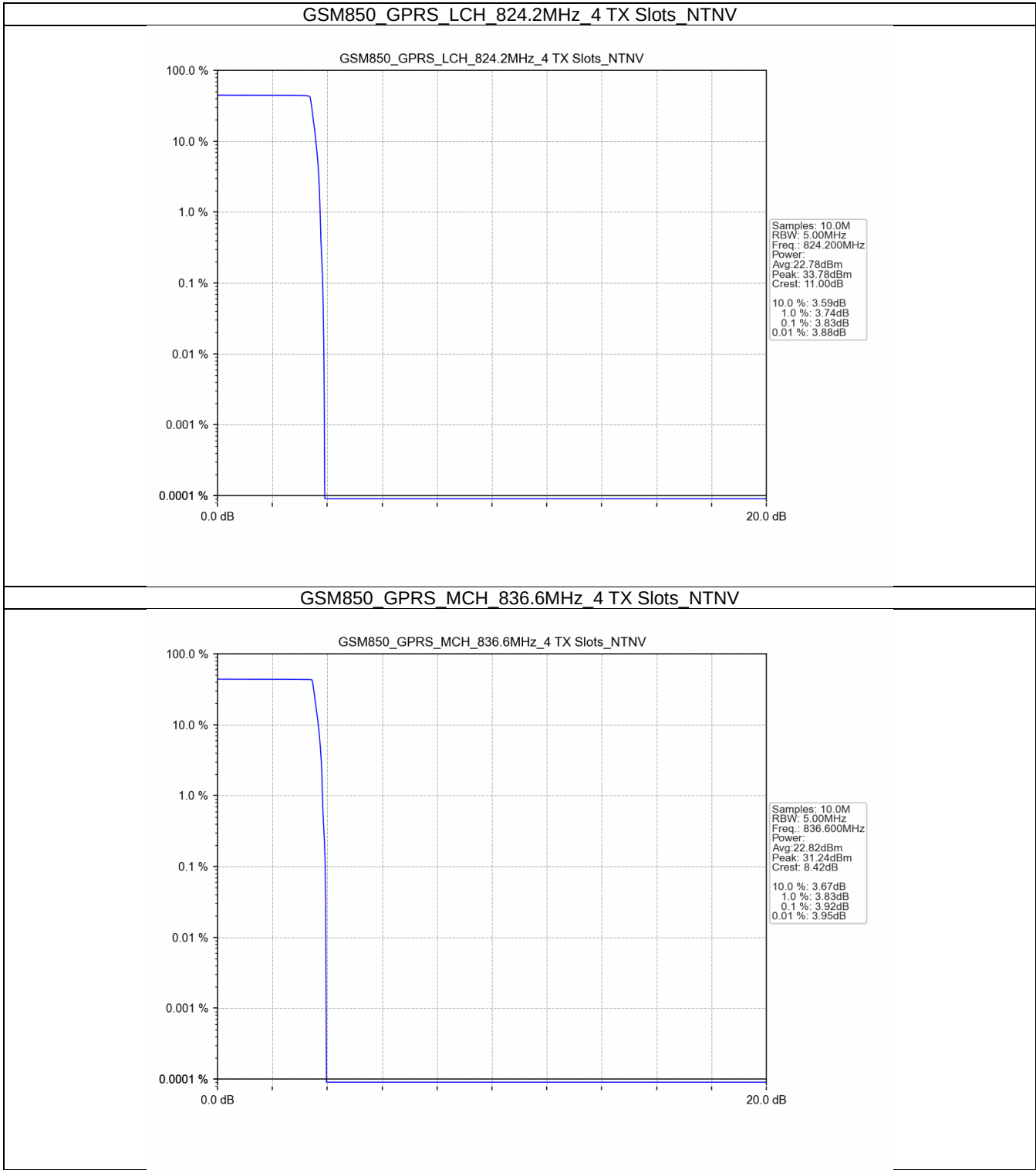
4.1 Test Result

4.1.1 GSM850

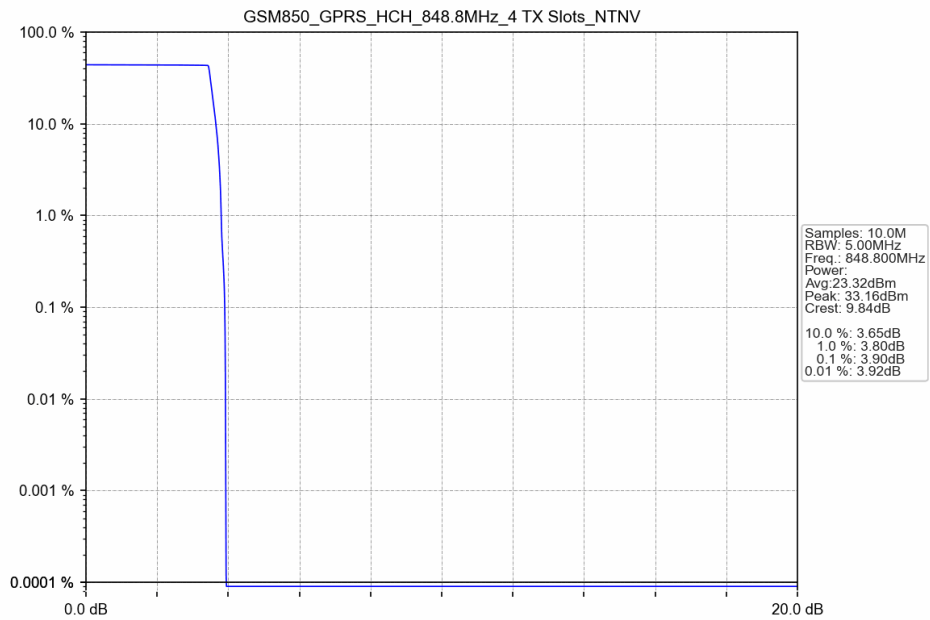
Band: GSM850						
ENV	Mode		Frequency (MHz)	Peak-Average Ratio (dB)		Verdict
	Network	Subset		Result	Limit	
NTNV	GPRS	4 TX Slots	824.2	3.83	<=13	Pass
			836.6	3.92	<=13	Pass
			848.8	3.90	<=13	Pass

4.2 Test Graph

4.2.1 GSM850



GSM850 GPRS HCH 848.8MHz 4 TX Slots NTNV



5. Spurious Emission

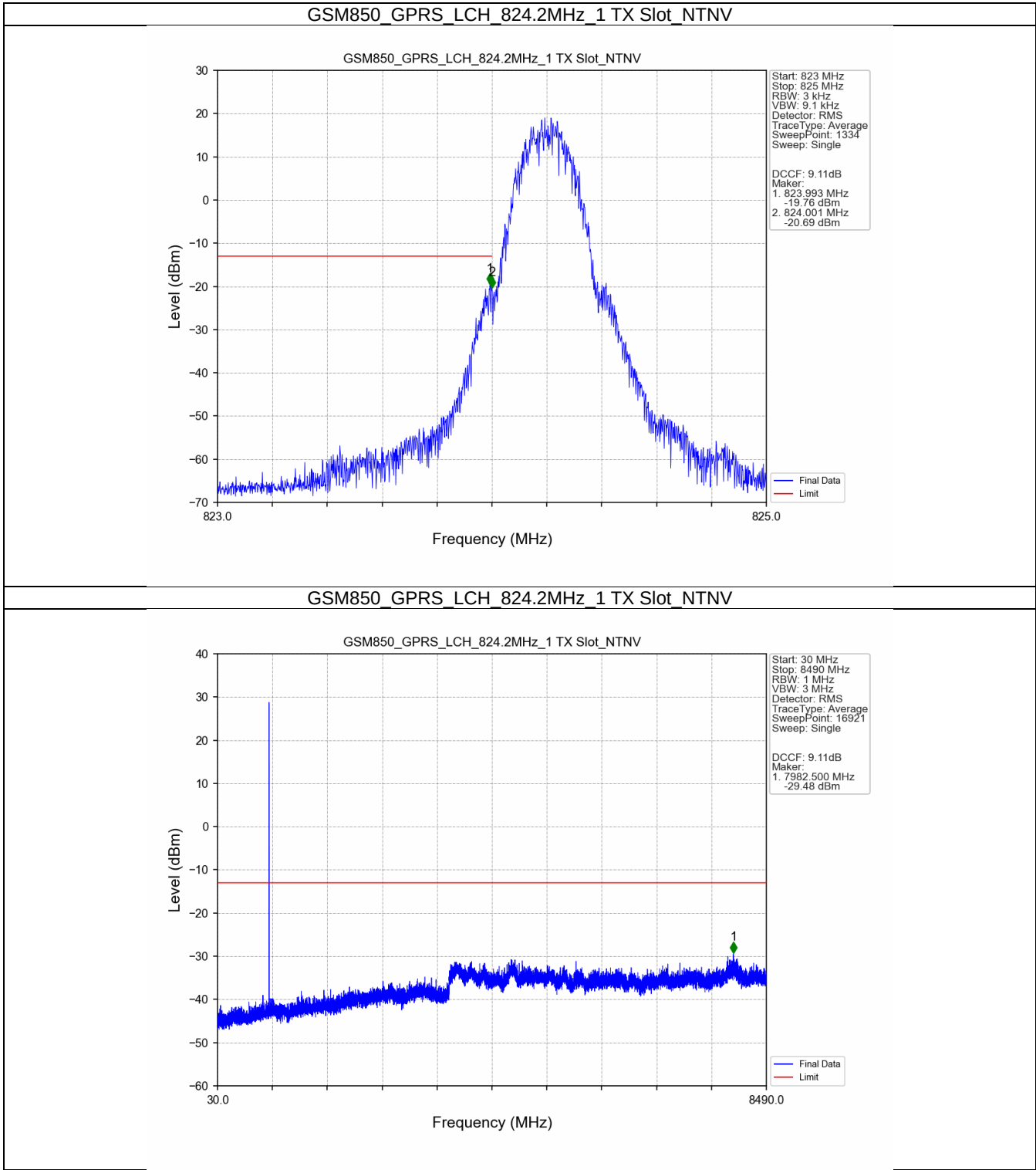
5.1 Test Result

5.1.1 GSM850

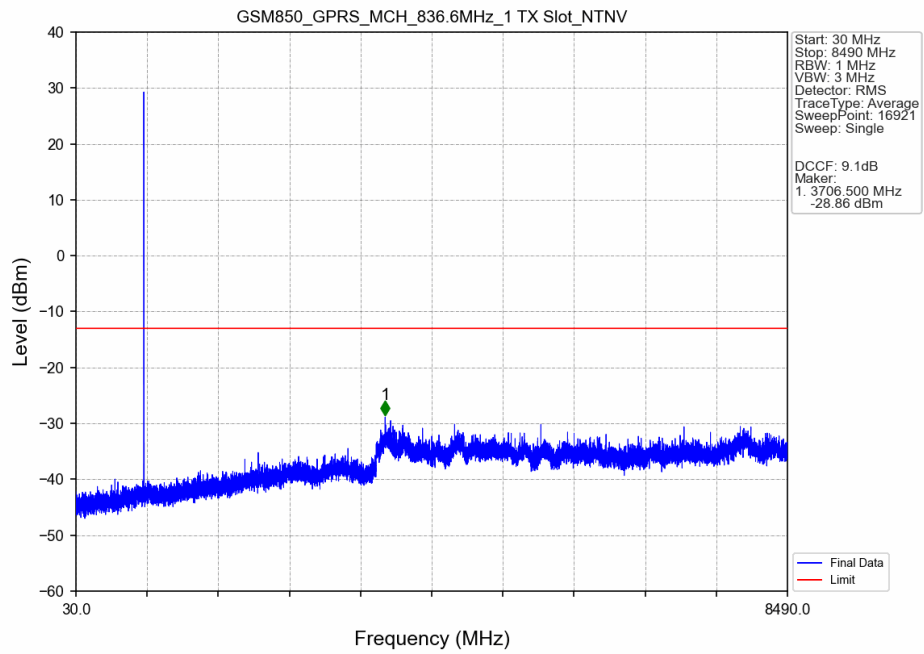
Band: GSM850					
ENV	Mode		Frequency (MHz)	Spurious Emission	
	Network	Subset		Result	Limit
NTNV	GPRS	1 TX Slot	824.2	Refer To Test Graph	Pass
			836.6	Refer To Test Graph	Pass
			848.8	Refer To Test Graph	Pass

5.2 Test Graph

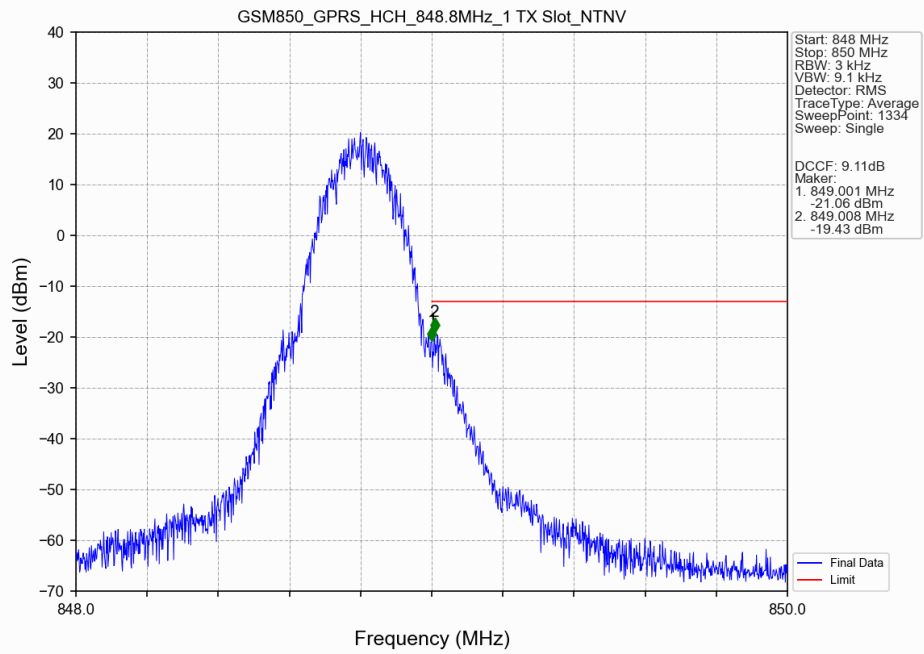
5.2.1 GSM850



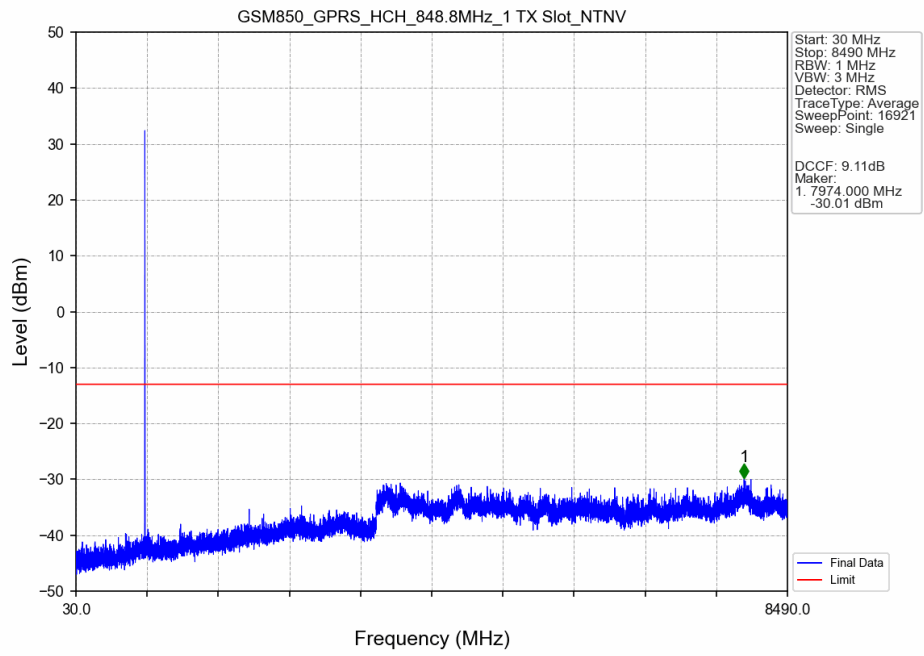
GSM850_GPRS_MCH_836.6MHz_1 TX Slot_NTNV



GSM850_GPRS_HCH_848.8MHz_1 TX Slot_NTNV



GSM850_GPRS_HCH_848.8MHz_1 TX Slot_NTNV



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