

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 PCS1900_EIRP

2. Frequency Stability

2.1 Test Result

2.1.1 PCS1900

Band: PCS1900							
Network	Frequency (MHz)	Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
					Result	Limit	
GPRS	1850.2	20	3.4	-10.844	-0.0059	-2.5 to 2.5	Pass
			3.7	-14.116	-0.0076	-2.5 to 2.5	Pass
			4.2	-16.238	-0.0088	-2.5 to 2.5	Pass
		-30	3.7	-11.625	-0.0063	-2.5 to 2.5	Pass
		-20	3.7	-11.949	-0.0065	-2.5 to 2.5	Pass
		-10	3.7	-17.254	-0.0093	-2.5 to 2.5	Pass
		0	3.7	-16.296	-0.0088	-2.5 to 2.5	Pass
		10	3.7	-13.016	-0.0070	-2.5 to 2.5	Pass
		30	3.7	-16.327	-0.0088	-2.5 to 2.5	Pass
		40	3.7	-16.259	-0.0088	-2.5 to 2.5	Pass
		50	3.7	-11.916	-0.0064	-2.5 to 2.5	Pass
	1880	20	3.4	-17.406	-0.0093	-2.5 to 2.5	Pass
			3.7	-15.487	-0.0082	-2.5 to 2.5	Pass
			4.2	-12.582	-0.0067	-2.5 to 2.5	Pass
		-30	3.7	-10.094	-0.0054	-2.5 to 2.5	Pass
		-20	3.7	-11.323	-0.0060	-2.5 to 2.5	Pass
		-10	3.7	-12.394	-0.0066	-2.5 to 2.5	Pass
		0	3.7	-17.888	-0.0095	-2.5 to 2.5	Pass
		10	3.7	-14.566	-0.0077	-2.5 to 2.5	Pass
		30	3.7	-11.633	-0.0062	-2.5 to 2.5	Pass
		40	3.7	-14.913	-0.0079	-2.5 to 2.5	Pass
		50	3.7	-9.050	-0.0048	-2.5 to 2.5	Pass
	1909.8	20	3.4	-15.048	-0.0079	-2.5 to 2.5	Pass

			3.7	-11.403	-0.0060	-2.5 to 2.5	Pass
			4.2	-12.807	-0.0067	-2.5 to 2.5	Pass
		-30	3.7	-17.667	-0.0093	-2.5 to 2.5	Pass
		-20	3.7	-17.791	-0.0093	-2.5 to 2.5	Pass
		-10	3.7	-11.987	-0.0063	-2.5 to 2.5	Pass
		0	3.7	-17.819	-0.0093	-2.5 to 2.5	Pass
		10	3.7	-12.128	-0.0064	-2.5 to 2.5	Pass
		30	3.7	-17.310	-0.0091	-2.5 to 2.5	Pass
		40	3.7	-11.657	-0.0061	-2.5 to 2.5	Pass
		50	3.7	-13.553	-0.0071	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 PCS1900_OBW

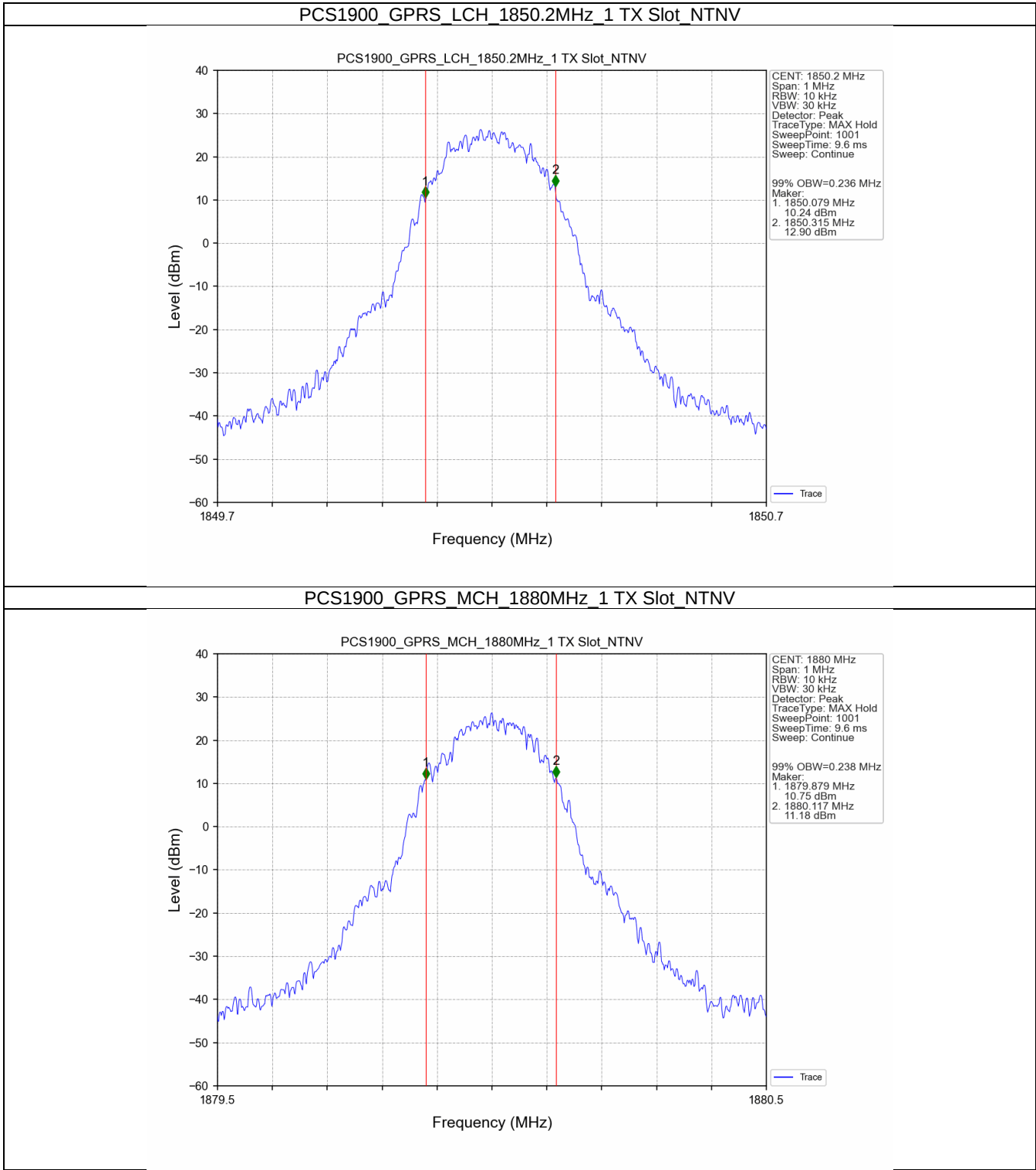
Band: PCS1900						
ENV	Mode		Frequency (MHz)	99% Occupied Bandwidth (MHz)		Verdict
	Network	Subset		Result	Limit	
NTNV	GPRS	1 TX Slot	1850.2	0.236	/	Pass
			1880	0.238	/	Pass
			1909.8	0.229	/	Pass

3.1.2 PCS1900_XDB

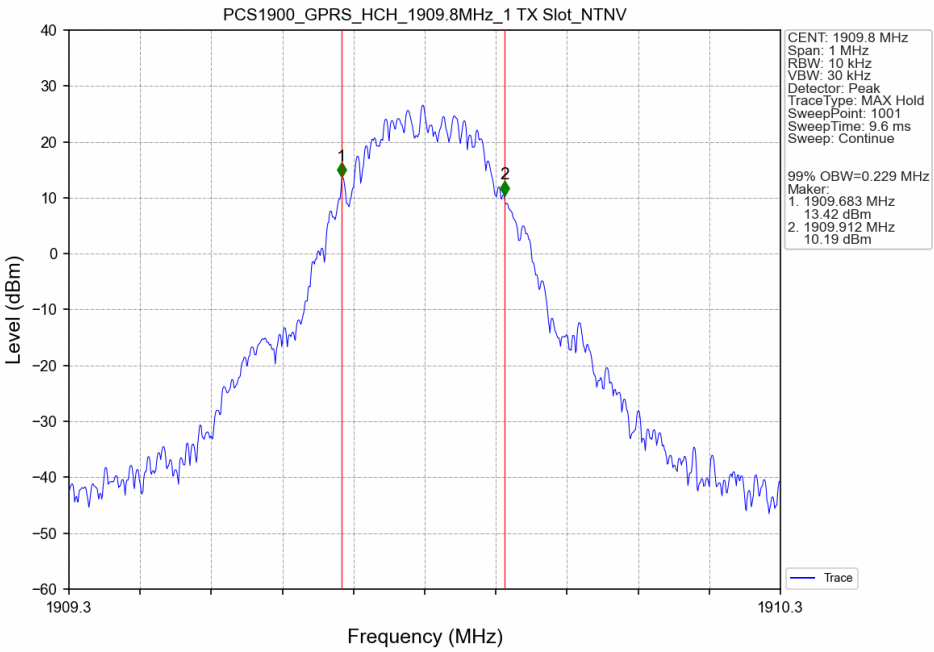
Band: PCS1900						
ENV	Mode		Frequency (MHz)	26dB Bandwidth (MHz)		Verdict
	Network	Subset		Result	Limit	
NTNV	GPRS	1 TX Slot	1850.2	0.306	/	Pass
			1880	0.306	/	Pass
			1909.8	0.296	/	Pass

3.2 Test Graph

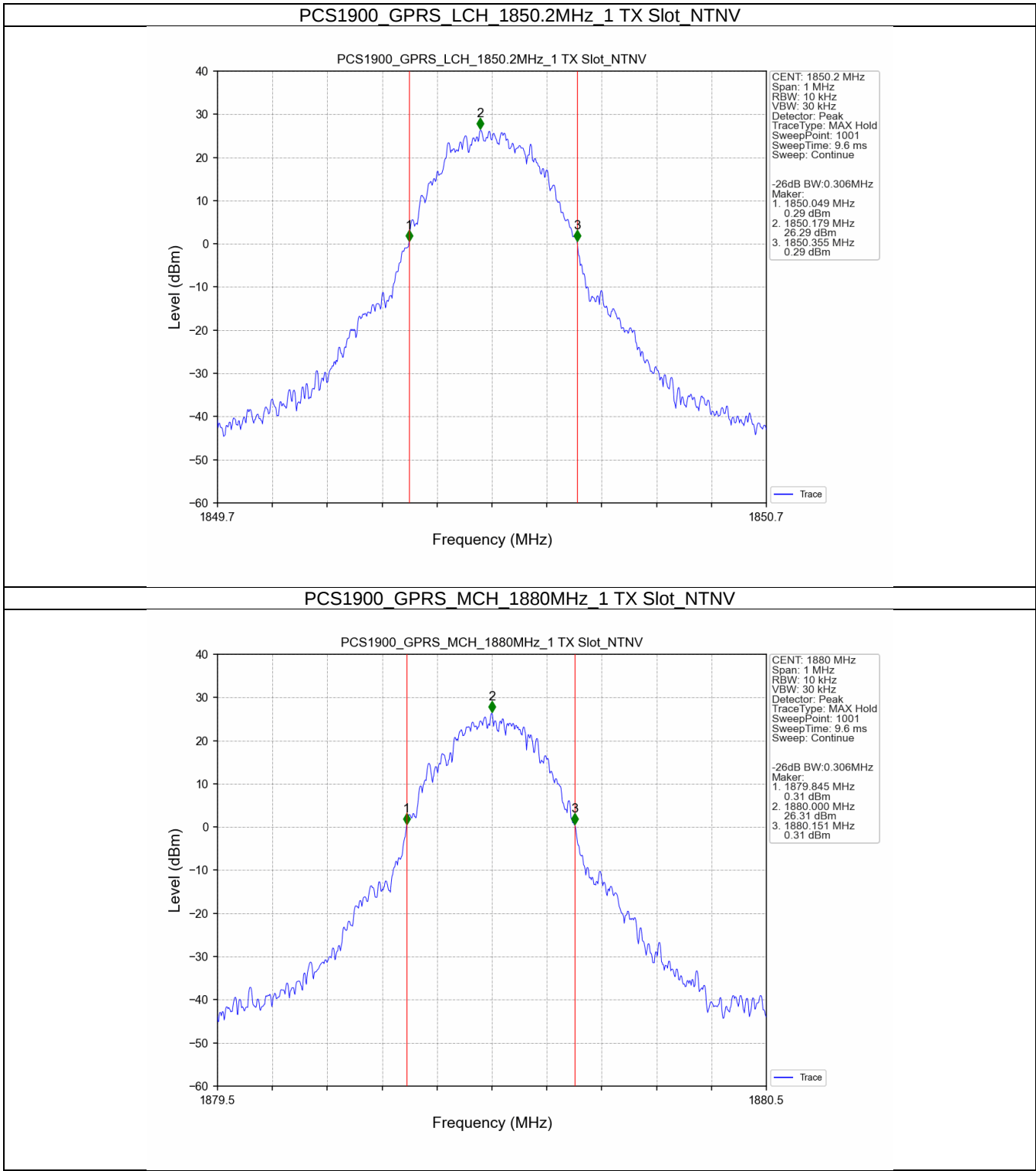
3.2.1 PCS1900_OBW



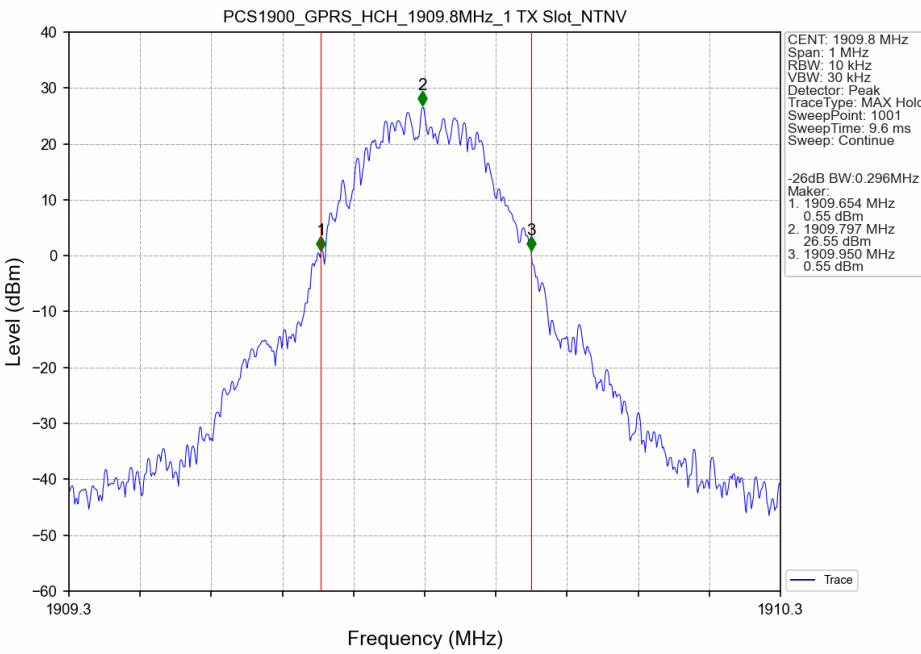
PCS1900 GPRS HCH 1909.8MHz 1 TX Slot NTV



3.2.2 PCS1900_XDB



PCS1900 GPRS HCH 1909.8MHz 1 TX Slot NTN



4. Peak-Average Ratio

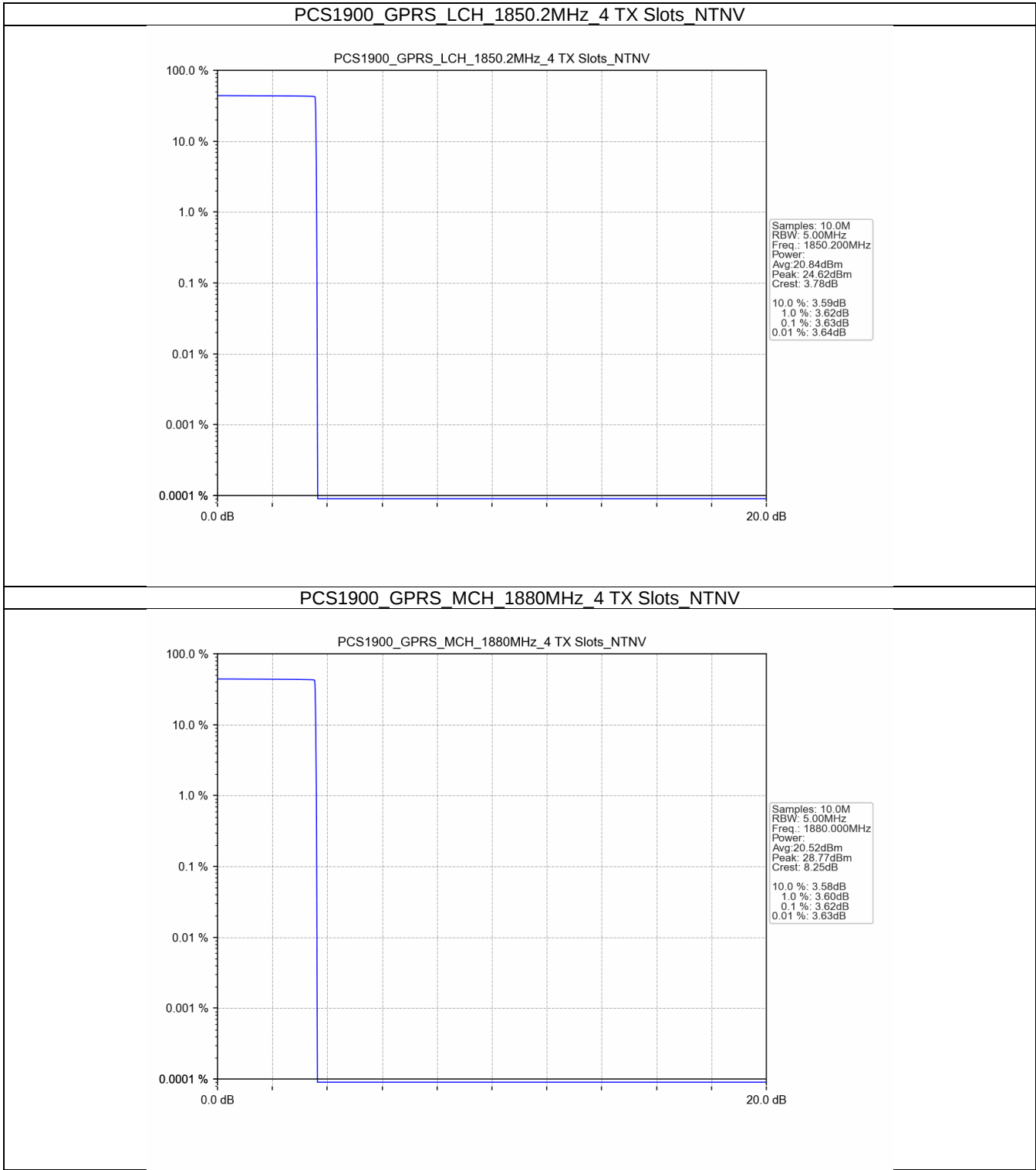
4.1 Test Result

4.1.1 PCS1900

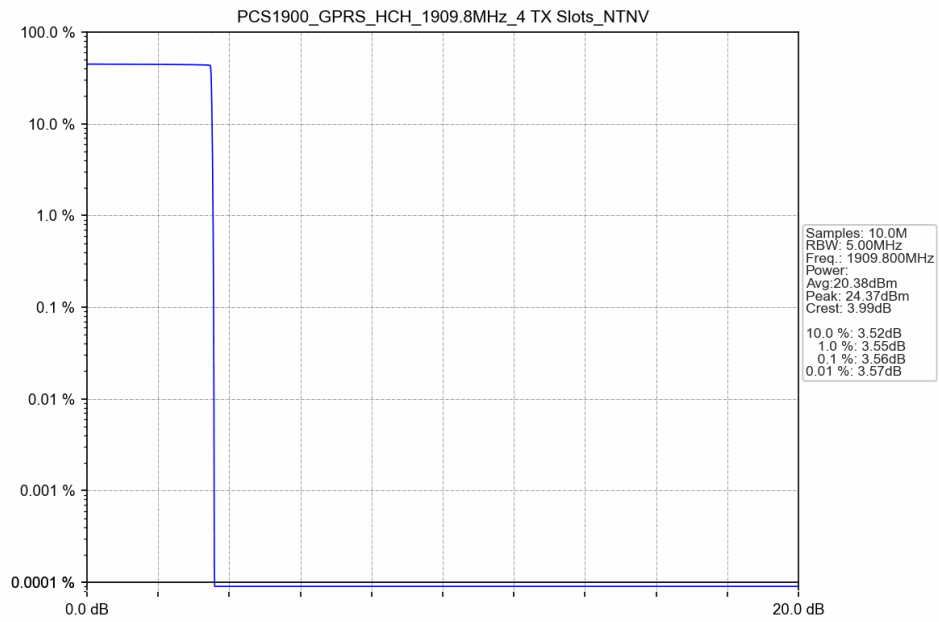
Band: PCS1900						
ENV	Mode		Frequency (MHz)	Peak-Average Ratio (dB)		Verdict
	Network	Subset		Result	Limit	
NTNV	GPRS	4 TX Slots	1850.2	3.63	<=13	Pass
			1880	3.62	<=13	Pass
			1909.8	3.56	<=13	Pass

4.2 Test Graph

4.2.1 PCS1900



PCS1900 GPRS HCH 1909.8MHz 4 TX Slots_NTNV



5. Spurious Emission

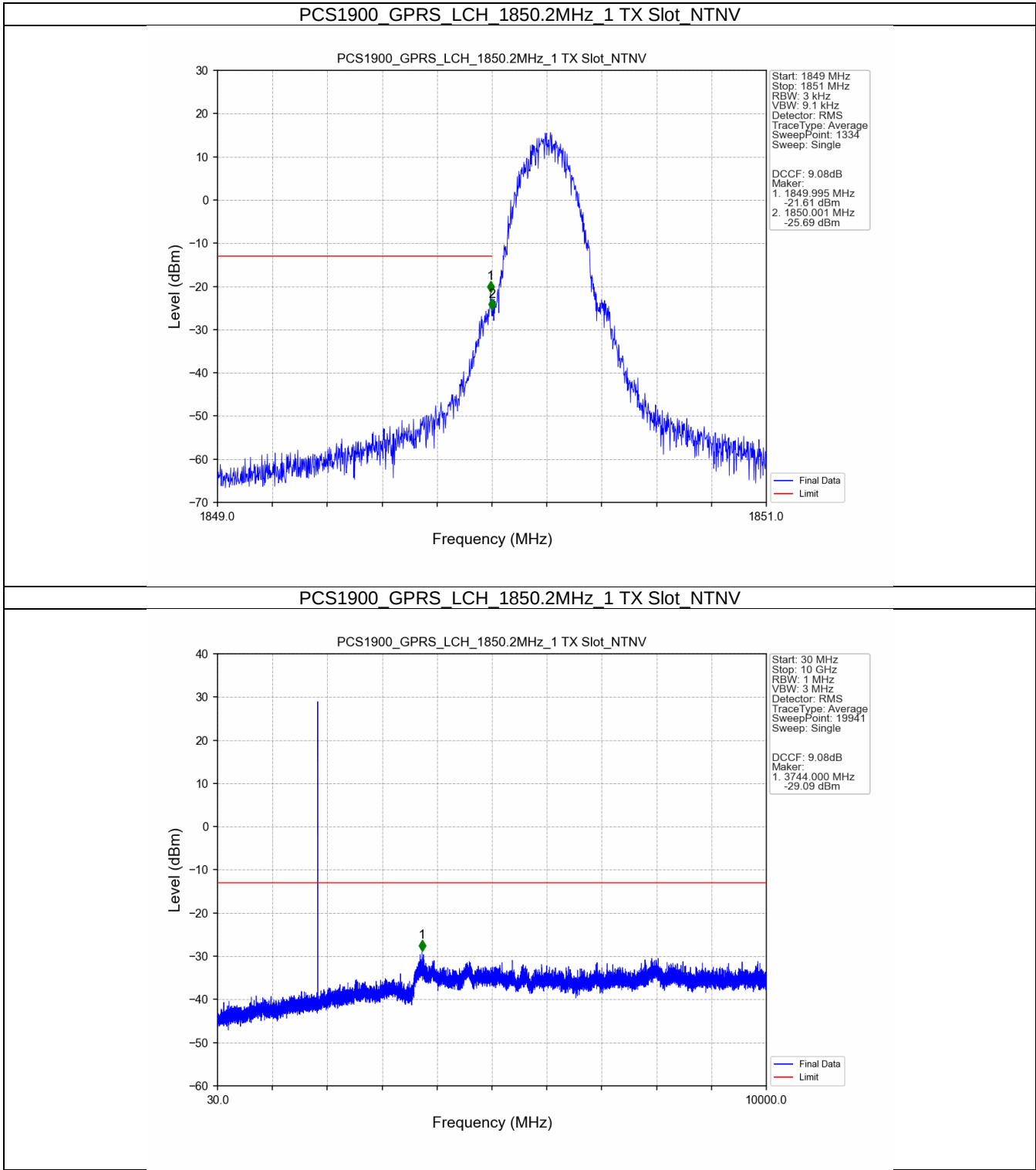
5.1 Test Result

5.1.1 PCS1900

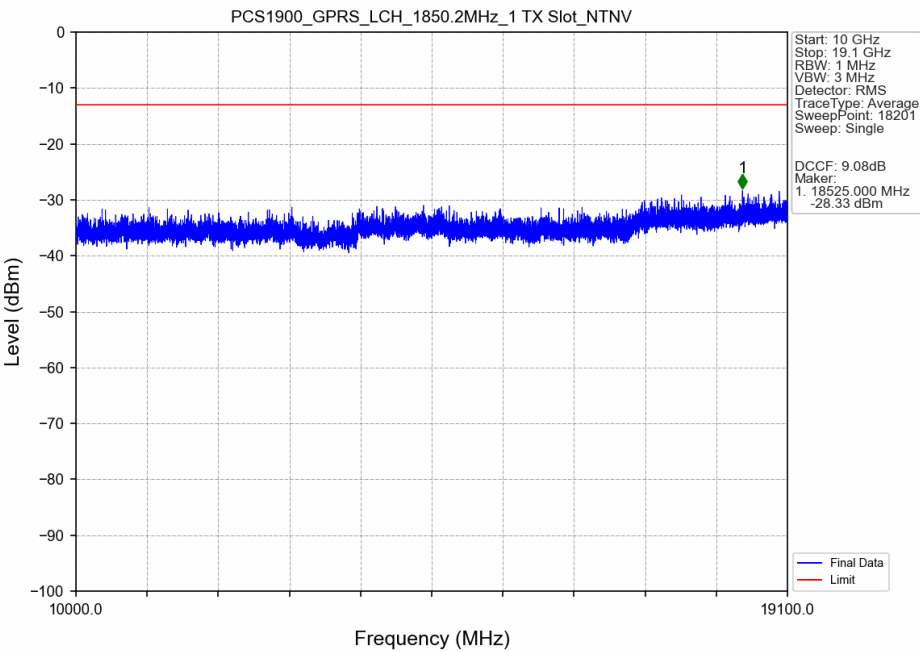
Band: PCS1900					
ENV	Mode		Frequency (MHz)	Spurious Emission	
	Network	Subset		Result	Limit
NTNV	GPRS	1 TX Slot	1850.2	Refer To Test Graph	Pass
			1880	Refer To Test Graph	Pass
			1909.8	Refer To Test Graph	Pass

5.2 Test Graph

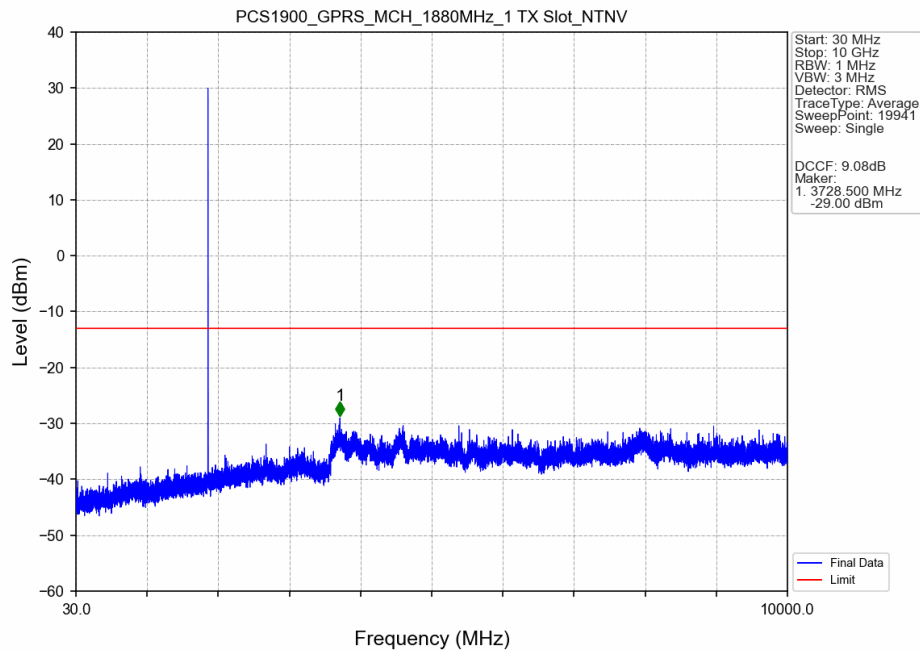
5.2.1 PCS1900



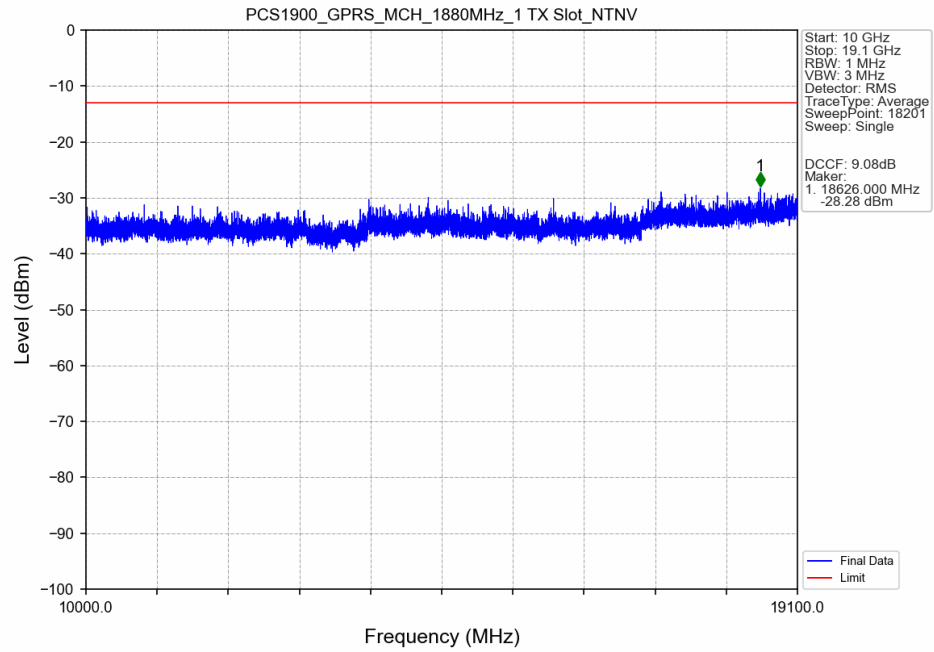
PCS1900 GPRS LCH 1850.2MHz 1 TX Slot_NTNV



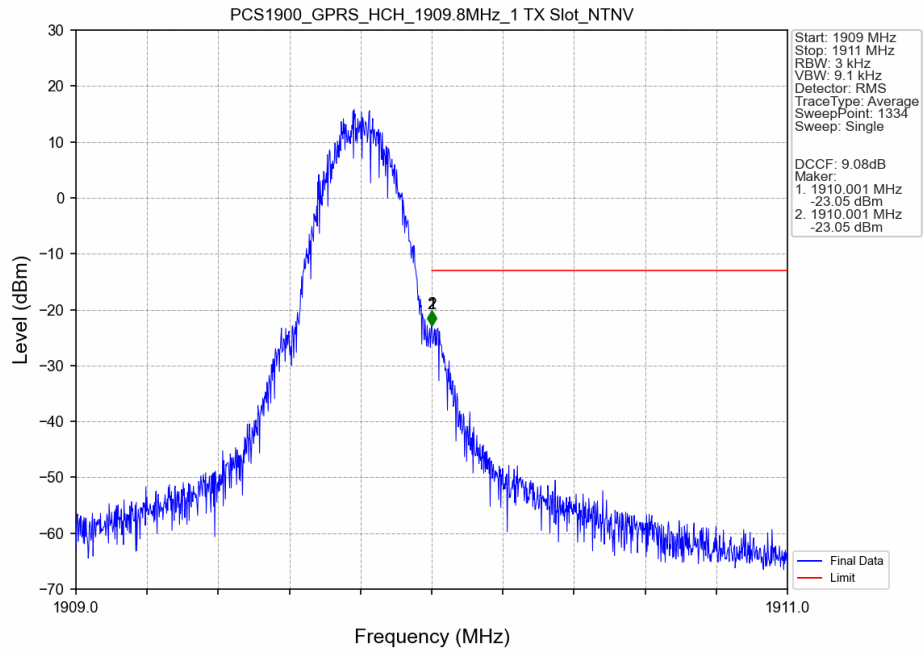
PCS1900 GPRS MCH 1880MHz 1 TX Slot_NTNV



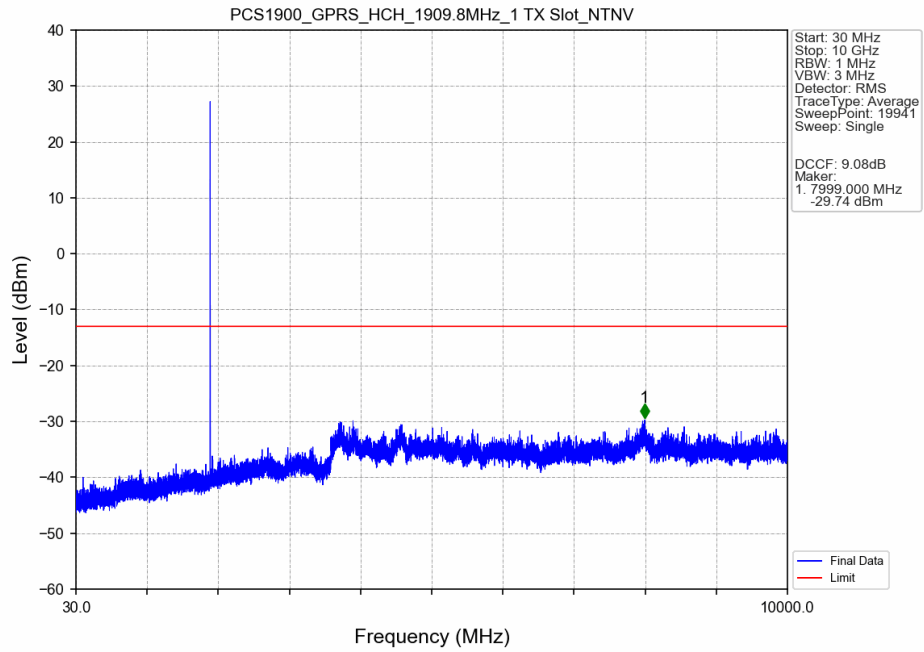
PCS1900 GPRS MCH 1880MHz 1 TX Slot NTNV



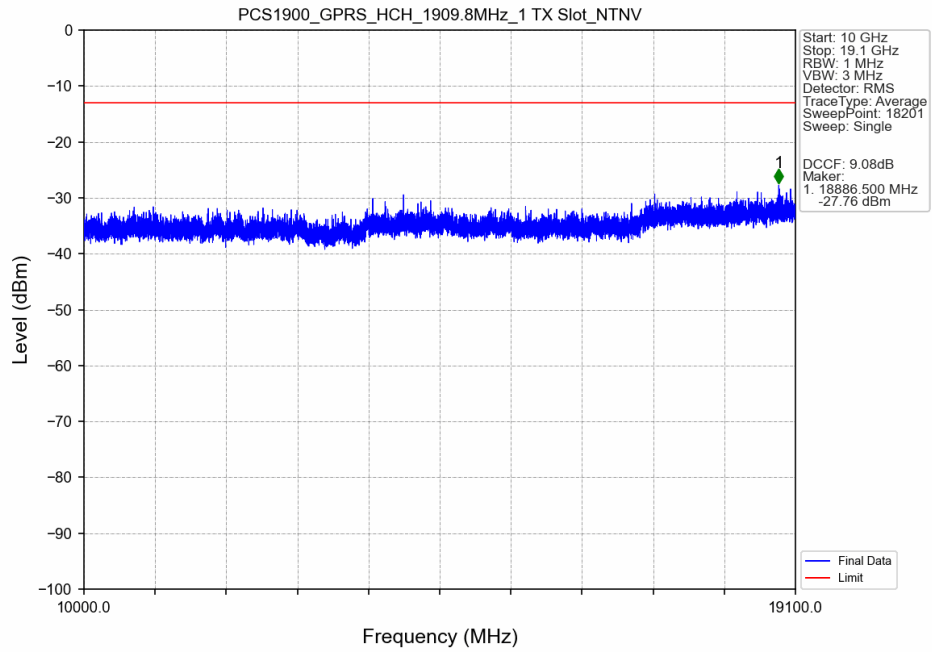
PCS1900 GPRS HCH 1909.8MHz 1 TX Slot NTNV



PCS1900 GPRS HCH 1909.8MHz 1 TX Slot NTNV



PCS1900 GPRS HCH 1909.8MHz 1 TX Slot NTNV



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