

Band: PCS1900								
ENV	Mode		Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
	Network	Subset				Result	Limit	
NTNV	GPRS	1 TX Slot	1850.2	30.05	0.38	30.43	<=33.01	Pass
		2 TX Slots	1850.2	28.17	0.38	28.55	<=33.01	Pass
		3 TX Slots	1850.2	26.11	0.38	26.49	<=33.01	Pass
		4 TX Slots	1850.2	24.13	0.38	24.51	<=33.01	Pass
		1 TX Slot	1880	30.00	0.38	30.38	<=33.01	Pass
		2 TX Slots	1880	28.45	0.38	28.83	<=33.01	Pass
		3 TX Slots	1880	26.36	0.38	26.74	<=33.01	Pass
		4 TX Slots	1880	24.47	0.38	24.85	<=33.01	Pass
		1 TX Slot	1909.8	29.91	0.38	30.29	<=33.01	Pass
		2 TX Slots	1909.8	28.67	0.38	29.05	<=33.01	Pass
		3 TX Slots	1909.8	26.80	0.38	27.18	<=33.01	Pass
		4 TX Slots	1909.8	24.85	0.38	25.23	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

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	3.40	-17.739	-0.0096	-2.5 to 2.5	Pass
			3.60	-15.635	-0.0085	-2.5 to 2.5	Pass
			4.20	-15.096	-0.0082	-2.5 to 2.5	Pass
		-30	3.60	-13.634	-0.0074	-2.5 to 2.5	Pass
		-20	3.60	-13.663	-0.0074	-2.5 to 2.5	Pass
		-10	3.60	-14.532	-0.0079	-2.5 to 2.5	Pass
		0	3.60	-13.588	-0.0073	-2.5 to 2.5	Pass
		10	3.60	-16.163	-0.0087	-2.5 to 2.5	Pass
		30	3.60	-20.117	-0.0109	-2.5 to 2.5	Pass
		40	3.60	-15.825	-0.0086	-2.5 to 2.5	Pass
		50	3.60	-17.865	-0.0097	-2.5 to 2.5	Pass
	1880	20	3.40	-20.242	-0.0108	-2.5 to 2.5	Pass
			3.60	-18.414	-0.0098	-2.5 to 2.5	Pass
			4.20	-17.524	-0.0093	-2.5 to 2.5	Pass
		-30	3.60	-17.590	-0.0094	-2.5 to 2.5	Pass
		-20	3.60	-16.661	-0.0089	-2.5 to 2.5	Pass
		-10	3.60	-19.188	-0.0102	-2.5 to 2.5	Pass
		0	3.60	-18.046	-0.0096	-2.5 to 2.5	Pass
		10	3.60	-16.556	-0.0088	-2.5 to 2.5	Pass
		30	3.60	-17.959	-0.0096	-2.5 to 2.5	Pass
		40	3.60	-14.946	-0.0080	-2.5 to 2.5	Pass
		50	3.60	-17.827	-0.0095	-2.5 to 2.5	Pass
	1909.8	20	3.40	-19.521	-0.0102	-2.5 to 2.5	Pass
			3.60	-18.701	-0.0098	-2.5 to 2.5	Pass
			4.20	-18.472	-0.0097	-2.5 to 2.5	Pass
		-30	3.60	-19.604	-0.0103	-2.5 to 2.5	Pass
		-20	3.60	-21.829	-0.0114	-2.5 to 2.5	Pass
		-10	3.60	-17.065	-0.0089	-2.5 to 2.5	Pass
		0	3.60	-19.931	-0.0104	-2.5 to 2.5	Pass
		10	3.60	-21.749	-0.0114	-2.5 to 2.5	Pass
		30	3.60	-20.797	-0.0109	-2.5 to 2.5	Pass
		40	3.60	-19.251	-0.0101	-2.5 to 2.5	Pass
		50	3.60	-18.412	-0.0096	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 PCS1900_OBW

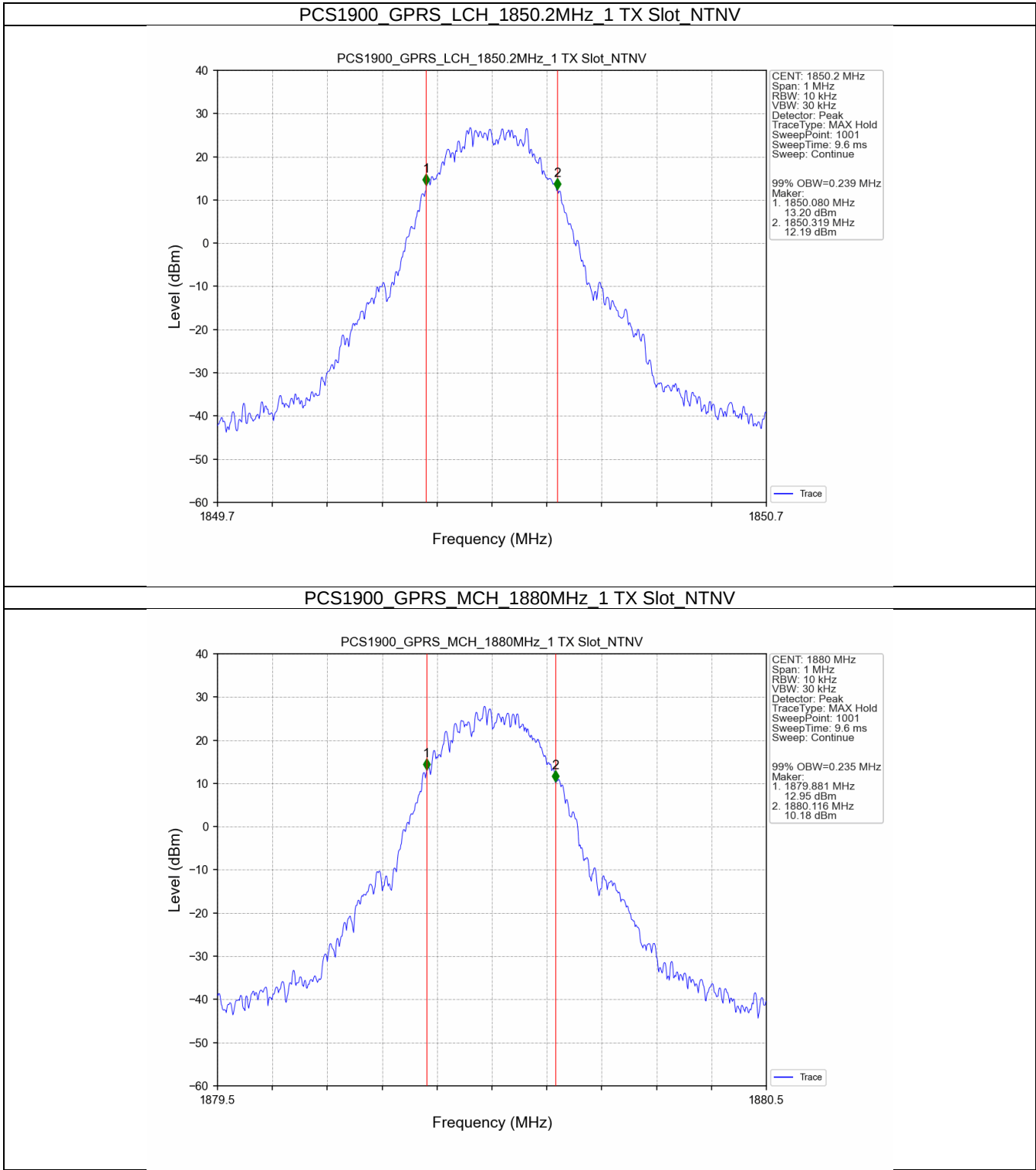
Band: PCS1900						
ENV	Mode		Frequency (MHz)	99% Occupied Bandwidth (MHz)		Verdict
	Network	Subset		Result	Limit	
NTNV	GPRS	1 TX Slot	1850.2	0.239	/	Pass
			1880	0.235	/	Pass
			1909.8	0.232	/	Pass

3.1.2 PCS1900_XDB

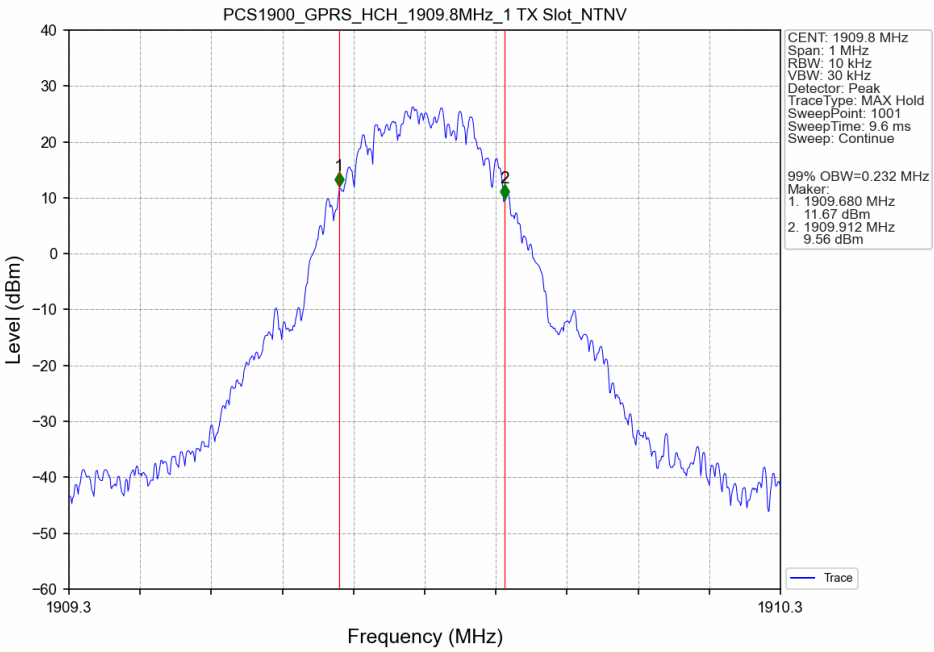
Band: PCS1900						
ENV	Mode		Frequency (MHz)	26dB Bandwidth (MHz)		Verdict
	Network	Subset		Result	Limit	
NTNV	GPRS	1 TX Slot	1850.2	0.305	/	Pass
			1880	0.302	/	Pass
			1909.8	0.307	/	Pass

3.2 Test Graph

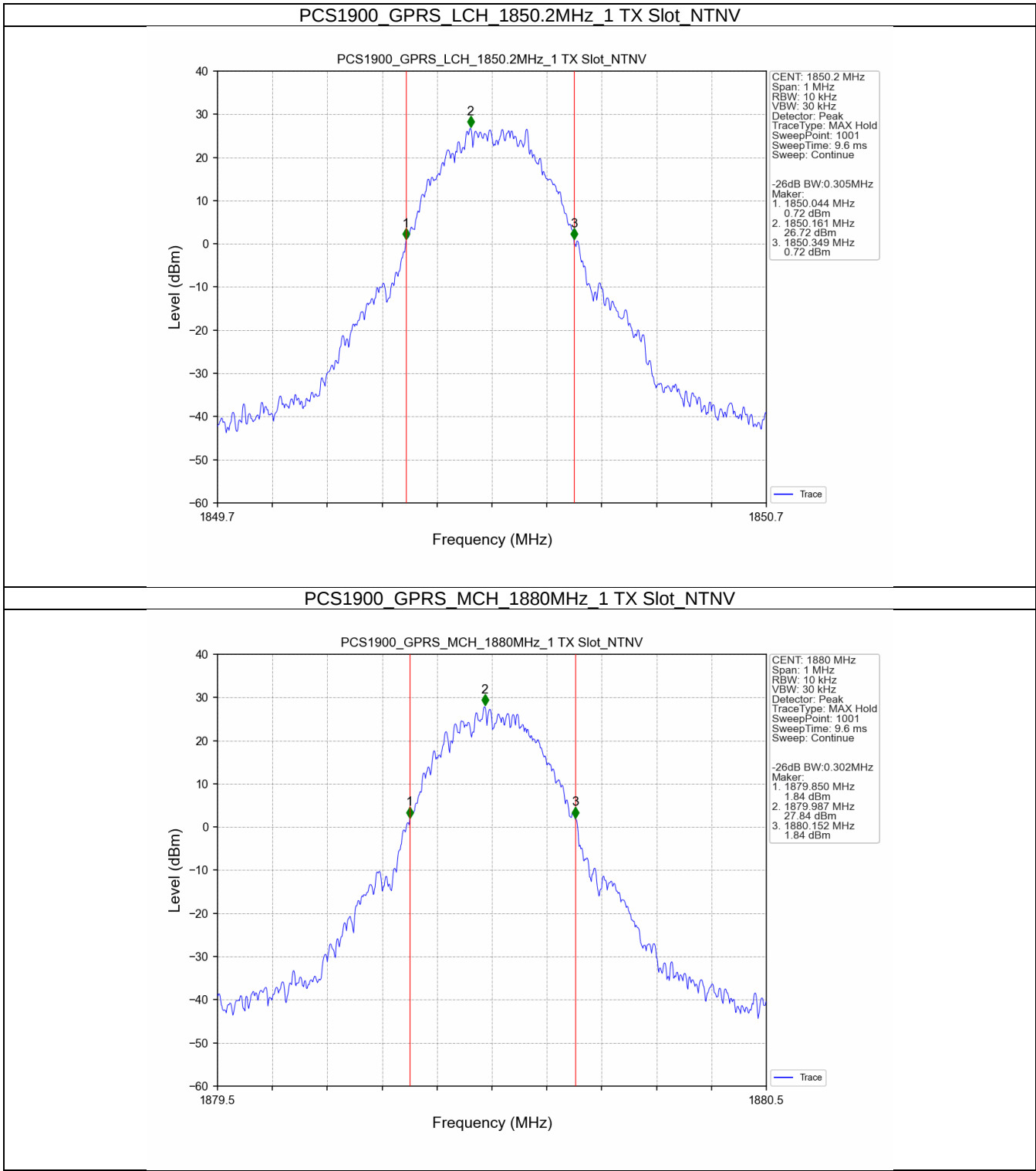
3.2.1 PCS1900_OBW



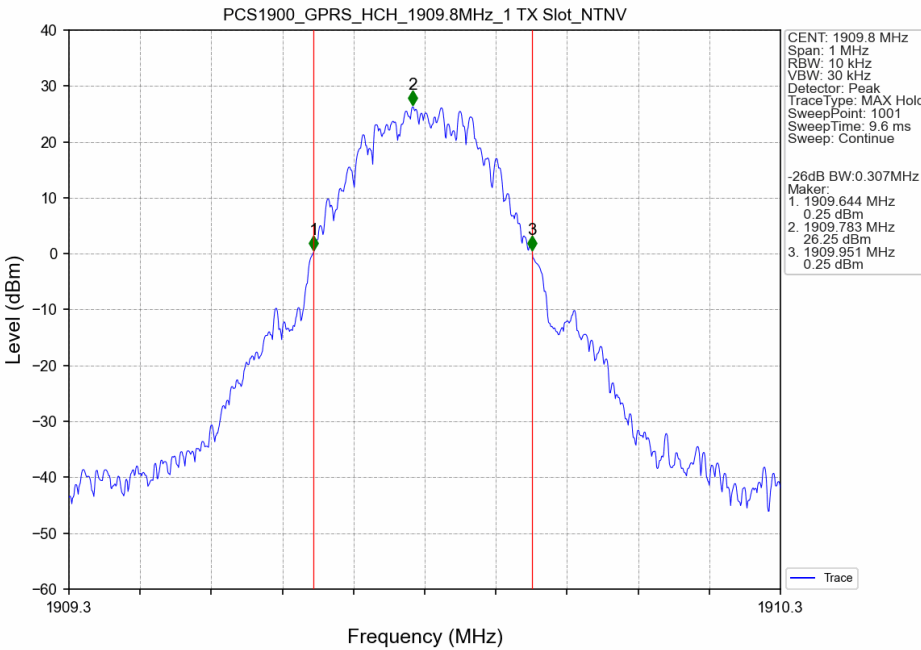
PCS1900 GPRS HCH 1909.8MHz 1 TX Slot NTN



3.2.2 PCS1900_XDB



PCS1900 GPRS HCH 1909.8MHz 1 TX Slot NTN



4. Peak-Average Ratio

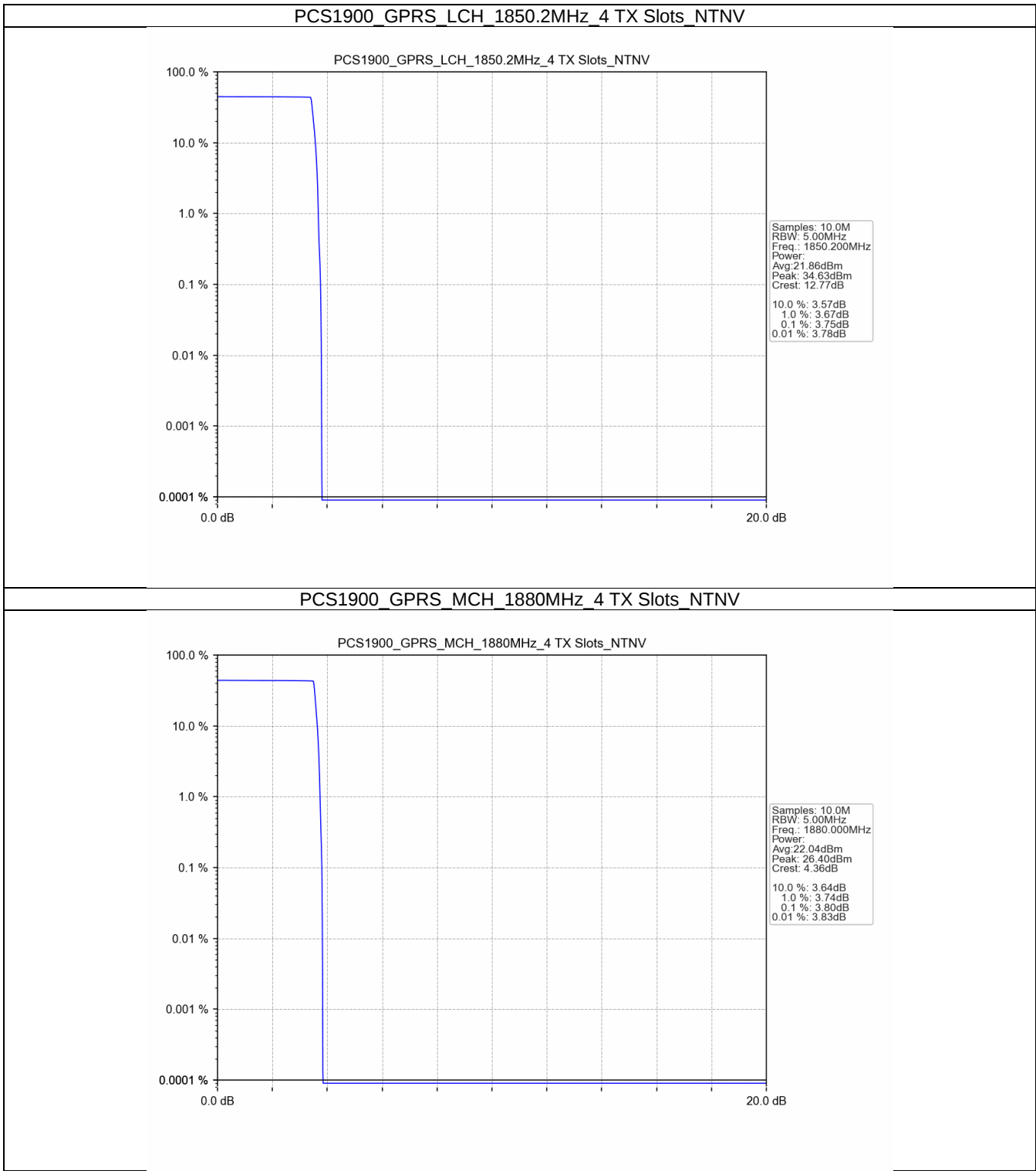
4.1 Test Result

4.1.1 PCS1900

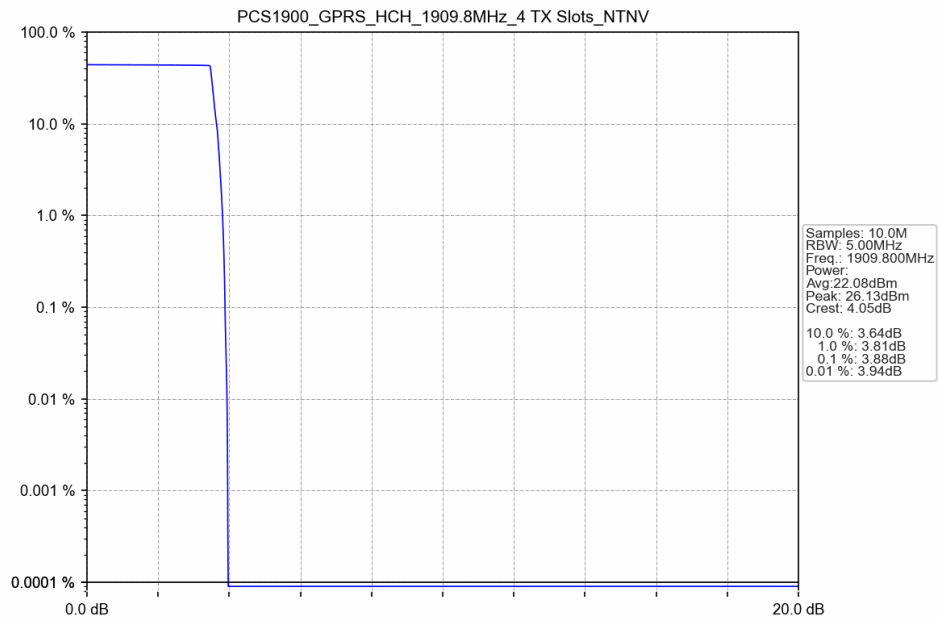
Band: PCS1900						
ENV	Mode		Frequency (MHz)	Peak-Average Ratio (dB)		Verdict
	Network	Subset		Result	Limit	
NTNV	GPRS	4 TX Slots	1850.2	3.75	<=13	Pass
			1880	3.80	<=13	Pass
			1909.8	3.88	<=13	Pass

4.2 Test Graph

4.2.1 PCS1900



PCS1900 GPRS HCH 1909.8MHz 4 TX Slots_NTNV



5. Spurious Emission

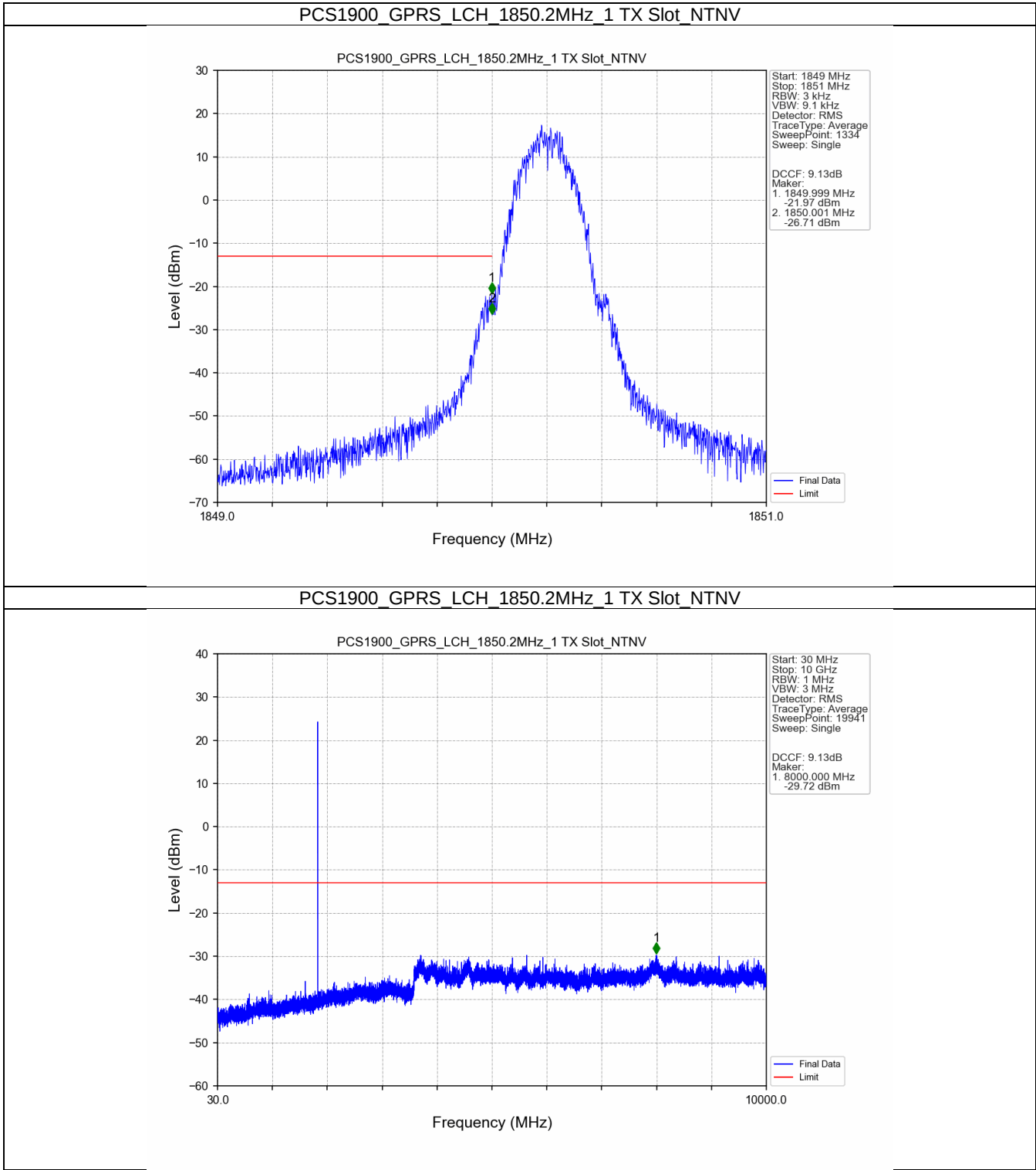
5.1 Test Result

5.1.1 PCS1900

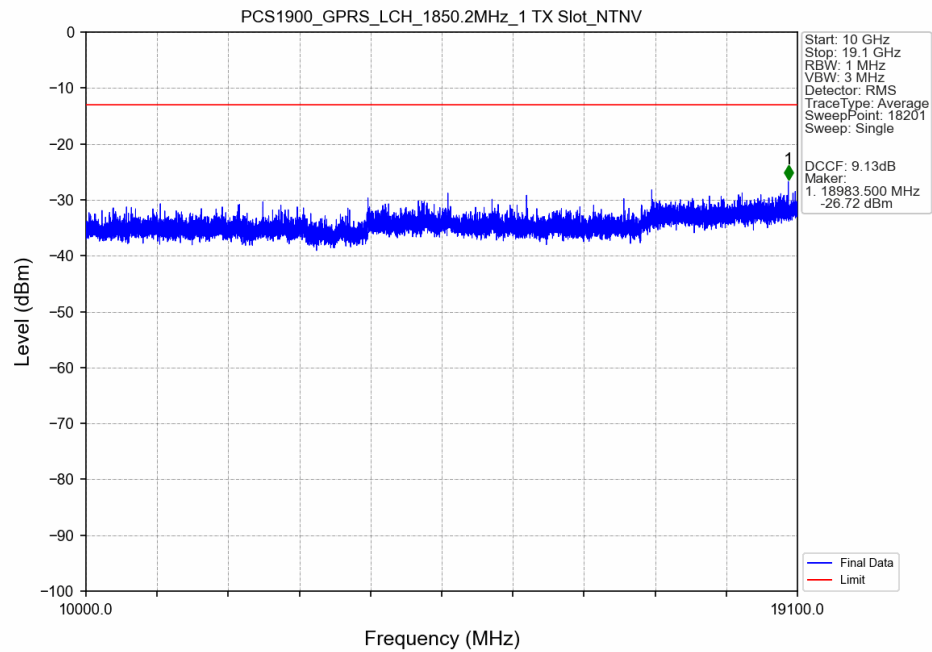
Band: PCS1900					
ENV	Mode		Frequency (MHz)	Spurious Emission	
	Network	Subset		Result	Limit
NTNV	GPRS	1 TX Slot	1850.2	Refer To Test Graph	Pass
			1880	Refer To Test Graph	Pass
			1909.8	Refer To Test Graph	Pass

5.2 Test Graph

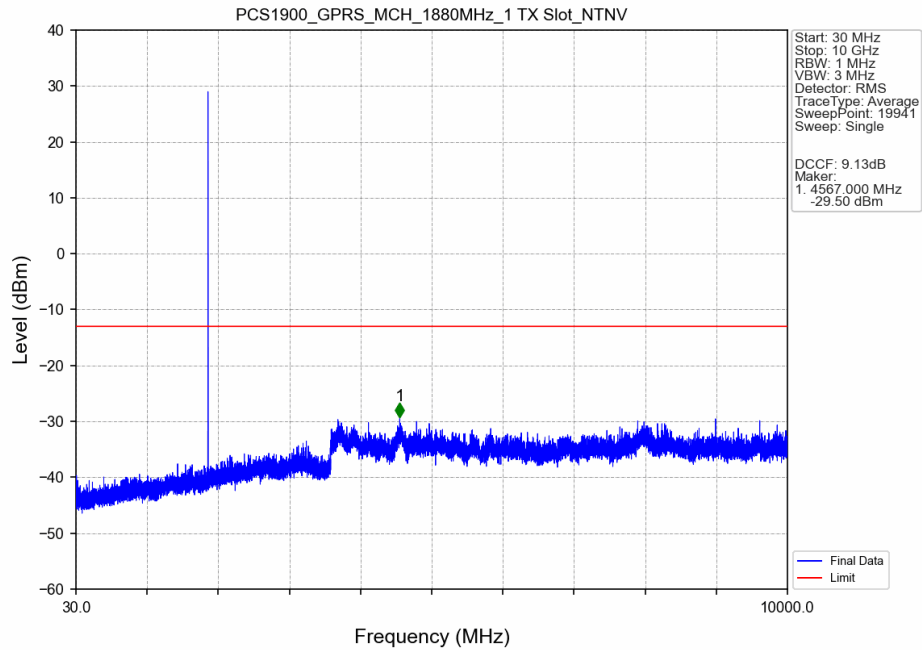
5.2.1 PCS1900



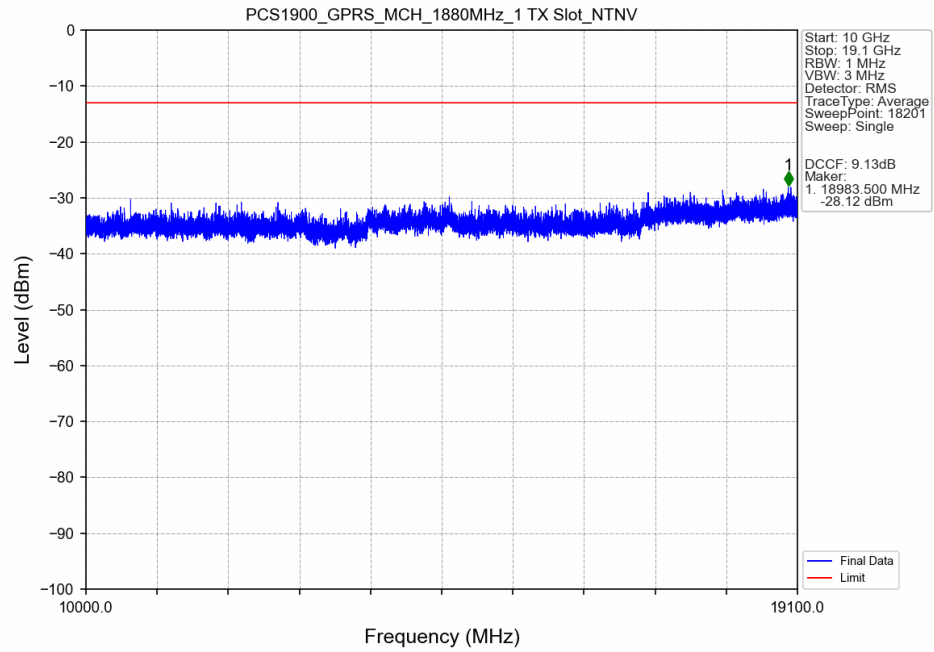
PCS1900_GPRS_LCH_1850.2MHz_1 TX Slot_NTNV



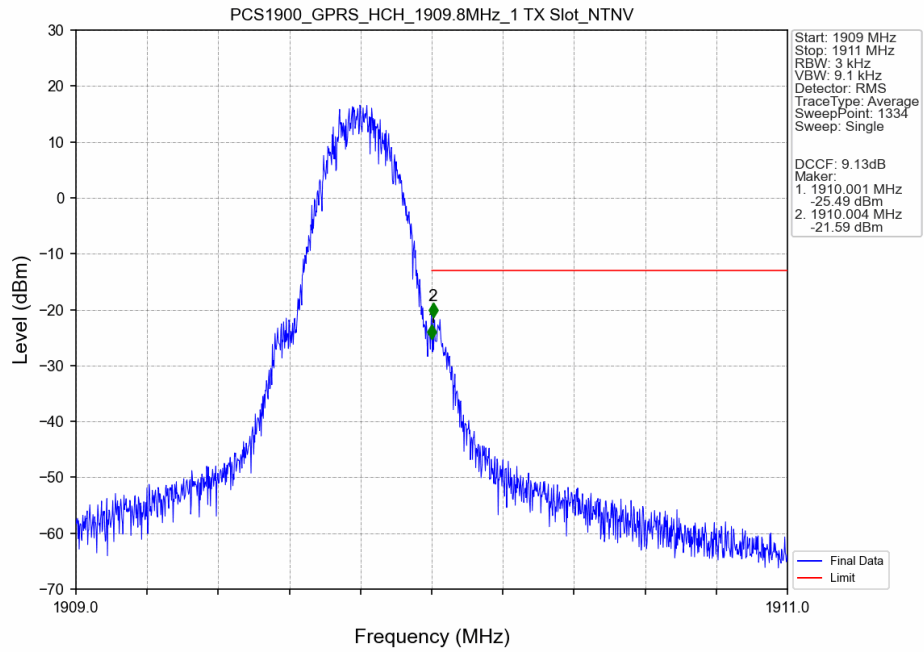
PCS1900_GPRS_MCH_1880MHz_1 TX Slot_NTNV



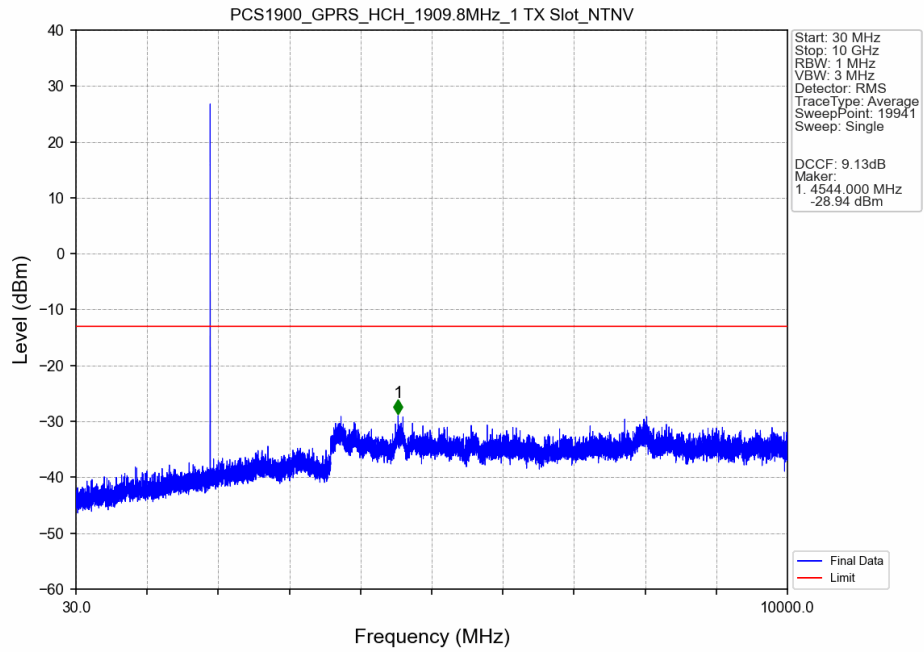
PCS1900 GPRS MCH 1880MHz 1 TX Slot NTN



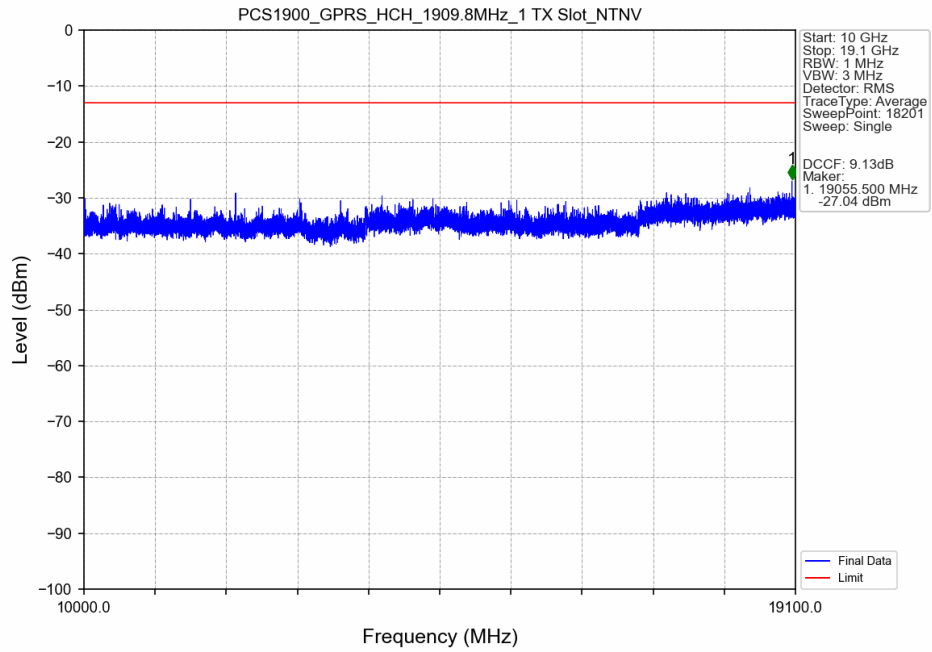
PCS1900 GPRS HCH 1909.8MHz 1 TX Slot NTN



PCS1900 GPRS HCH 1909.8MHz 1 TX Slot NTNV



PCS1900 GPRS HCH 1909.8MHz 1 TX Slot NTNV



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