

TEST REPORT

Application No.: FYCR2204000134AT

Applicant: Hytera Communications Corporation Limited

Address of Applicant: Hytera Tower, Hi-Tech Industrial Park North, 9108# Beihuan Road, Nanshan District, Shenzhen, P.R.C., P 518057

Manufacturer: Hytera Communications Corporation Limited

Address of Manufacturer: Hytera Tower, Hi-Tech Industrial Park North, 9108# Beihuan Road, Nanshan District, Shenzhen, P.R.C., P 518057

Factory: Sunrise Simcom (Tong cheng) Limited

Address of Factory: No.188-1, Nanshan Road, Tongcheng Economic Development Zone, Anqing, Anhui

Equipment Under Test (EUT):

EUT Name: 5G XSecure Rugged Device

Model No.: PNC560, PNC560 SCAN ♣

♣ Please refer to section 2 of this report which indicates which model was actually tested and which were electrically identical.

Trade Mark: Hytera

FCC ID: YAMPNC560

Standard(s) : 47 CFR Part 2
47 CFR Part 22 subpart H
47 CFR Part 24 subpart E

Date of Receipt: 2022-04-29

Date of Test: 2022-05-16 to 2022-06-21

Date of Issue: 2022-07-02

Test Result:	Pass*
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* In the configuration tested, the EUT complied with the standards specified above.



Winkey Wang
EMC Technical Manager



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<i>Revision Record</i>				
<i>Version</i>	<i>Chapter</i>	<i>Date</i>	<i>Modifier</i>	<i>Remark</i>
01		2022-07-02		Original

Authorized for issue by:			
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2 Test Summary

Test Item	FCC Rule No.	Requirements	Verdict
Effective (Isotropic) Radiated Power Output Data	§2.1046, §22.913, §24.232	ERP≤7W(GSM850) EIRP≤2W(PCS1900)	PASS
Peak-Average Ratio	§24.232	≤13dB	PASS
Modulation Characteristics	§2.1047	Digital modulation	PASS
Bandwidth	§2.1049(h)	OBW: No limit EBW: No limit	PASS
Band Edge Compliance	§2.1051, §22.917, §24.238	≤ -13dBm/1%*EBW, in 1 MHz bands immediately outside and adjacent to the frequency block.	PASS
Spurious emissions at antenna terminals	§2.1051, §22.917, §24.238	≤ -13dBm	PASS
Field strength of spurious radiation	§2.1051, §22.917, §24.238	≤ -13dBm	PASS
Frequency stability	§2.1055, §22.355, §24.235	≤ ±2.5ppm.	PASS

Declaration of EUT Family Grouping:

Model No.: PNC560, PNC560 SCAN

Only the model PNC560 SCAN was fully tested, since according to the declaration from the applicant, the electrical circuit design, PCB layout, components used, internal wiring and functions were identical for all the above models, with only difference on SCAN camera for PNC560 SCAN and emergency call button for PNC560.



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4 General Information

4.1 Details of E.U.T.

Power supply:	DC3.85V by Li-ion battery Recharged by AC/DC power adapter Adapter M/N: TPA-10R120150UU01 Adapter input: AC100-240V, 50/60Hz, 0.6A Adapter output: DC3.6-6V/3A, 6-9V/2A, 9-12V/1.5A
Cable(s):	USB Type C cable: 1m shielded cable without ferrite core
Sample Type:	Portable production
Support Network:	GSM, GPRS, EGPRS
Operation Frequency Band:	GSM850/PCS1900
Modulation Type:	GMSK for GPRS/EGPRS; 8PSK for EGPRS;
GPRS Class:	12
EGPRS Class:	12
Antenna Type:	PIFA antenna
Antenna Gain:	GSM850:-2dBi; PCS1900: -1dBi
SIM Card:	This device has dual SIM Card sockets. Both the SIM sockets have been tested. SIM1 was worst case, only record SIM1.



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4.2 Test Frequency

Test mode:	TX	RF Channel		
		Low (L)	Middle (M)	High (H)
GSM850	TX	Channel 128	Channel 190	Channel 251
		824.2MHz	836.6 MHz	848.8 MHz
Test mode:	TX	RF Channel		
		Low (L)	Middle (M)	High (H)
PCS1900	TX	Channel 512	Channel 661	Channel 810
		1850.2MHz	1880.0 MHz	1909.8 MHz

4.3 Test Environment

Environment Parameter	Selected Values During Tests	
Temperature:	TL	-30°C
	TN	+20°C
	TH	+50°C
Voltage:	VL	3.5 V
	VN	3.85 V
	VH	4.4 V

NOTE: VL= lower extreme test voltage
 VN= nominal voltage
 VH= upper extreme test voltage
 TL= lower extreme test temperature
 TN= normal temperature
 TH= upper extreme test temperature



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4.4 Description of Support Units

The EUT has been tested independent unit.

4.5 Measurement Uncertainty

No.	Item	Measurement Uncertainty
1	Radio Frequency	$\pm 5.4 \times 10^{-8}$
2	Duty cycle	$\pm 0.3\%$
3	Occupied Bandwidth	$\pm 3\%$
4	RF conducted power	$\pm 0.8\text{dB}$
5	RF power density	$\pm 0.4\text{dB}$
6	Conducted Spurious emissions	$\pm 2.7\text{dB}$
7	Radiated Spurious emission test	$\pm 3.1\text{dB}$ (Below 1GHz)
		$\pm 4.4\text{dB}$ (Above 1GHz)
8	Temperature test	$\pm 1^\circ\text{C}$
9	Humidity test	$\pm 3\%$
10	Supply voltages	$\pm 1.5\%$
11	Time	$\pm 3\%$



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4.6 Test Location

All tests were performed at:

Compliance Certification Services (Kunshan) Inc. Shenzhen branch.

Fuyong lab. Xinlong TechnoPark, Fengtang Road, Fuyong Subdistrict, Bao'an, Shenzhen, China

Tel: +86 755 8866 3988 Fax: +86 755 2671 0594

No tests were sub-contracted.

4.7 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

- **A2LA (Certificate No. 6606.01)**

Compliance Certification Services (Kunshan) Inc. Shenzhen branch is accredited by the American Association for Laboratory Accreditation(A2LA). Certificate No. 6606.01.

- **FCC –Designation Number: CN1322**

Compliance Certification Services (Kunshan) Inc. Shenzhen branch has been recognized as an accredited testing laboratory.

Designation Number: CN1322. Test Firm Registration Number: 718073

- **Innovation, Science and Economic Development Canada**

Compliance Certification Services (Kunshan) Inc. Shenzhen branch has been recognized by ISED as an accredited testing laboratory.

CAB identifier: CN0129.

IC#: 28189.

4.8 Deviation from Standards

None

4.9 Abnormalities from Standard Conditions

None



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5 Equipment List

RF conducted test					
Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. Date	Cal. Due date
Programmable DC Source	Chroma	62024P-80-60	SEM011-09	2021/7/13	2022/7/12
Programmable Temperature & Humidity Chamber	Votsch Industrietechnik GmbH	VT 4002	SEM002-15	2021/7/13	2022/7/12
Spectrum Analyzer	Rohde & Schwarz	FSU43	SEM004-08	2021/7/13	2022/7/12
Measurement Software	TST	TST PASS V2.0	N/A	N/A	N/A
Attenuator	Huber+Suhner	6620_SMA-50-1	SEM021-09	2021/7/13	2022/7/12
Universal Radio Communication Tester	Rohde & Schwarz	CMW 500	SEM010-03	2022/03/29	2023/03/28
Power Sensor	KEYSIGHT	U2021XA	SEM009-15	2021/07/13	2022/07/12

RE in Chamber					
Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. Date	Cal. Due date
Trilog-Broadband Antenna	Schwarzbeck	VULB9168	SEM003-33	2021/9/25	2024/9/24
MXE EMI receiver	Agilent	N9038A	SEM004-05	2021/7/13	2022/7/12
Pre-amplifier	HP	8447D	SEM005-02	2021/7/13	2022/7/12
Spectrum Analyzer	Rohde & Schwarz	101288	SEM004-08	2021/7/13	2022/7/12
Low Noise Amplifier	CLAVIIO	BDLNA-0118-352810	SEM005-05	2021/7/13	2022/7/12
Substitution Antenna	Schwarzbeck	VULB9168	SEM003-18	2019/08/08	2022/08/07
Signal Generator(9kHz-40GHz)	N5173B	MY53270267	Agilent	2021/7/13	2022/7/12
Pre-amplifier	HP	8447D	SEM005-02	2021/7/13	2022/7/12
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	SEM003-15	2021/7/11	2024/7/10
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9120D	SEM003-32	2021/9/26	2024/9/25
Double-ridged waveguide horn	ETS-LINDGREN	3117	SEM003-34	2021/9/25	2024/9/24
Spectrum Analyzer	Rohde & Schwarz	101288	SEM004-08	2021/7/13	2022/7/12
Low Noise Amplifier	CLAVIIO	BDLNA-0118-352810	SEM005-05	2021/7/13	2022/7/12
Pre-amplifier	Compliance Directions Systems	PAP-2640-50	SEM005-08	2021/7/13	2022/7/12



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	Inc.				
Pre-amplifier	Rohde & Schwarz	CH14-H052	SEM005-17	2021/7/13	2022/7/12
Substitution Antenna	ETS-Lindgren	3142C	SEM003-01	2020/06/26	2023/06/25
Universal Radio Communication Tester	Rohde & Schwarz	CMW 500	SEM010-03	2022/03/29	2023/03/28

General used equipment					
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
Humidity/ Temperature Indicator	Mingle	TH607	SEM002-22	2021/07/13	2022/07/12
Humidity/ Temperature Indicator	Mingle	TH607	SEM002-23	2021/07/13	2022/07/12
Barometer	DUMAI	DYM3	SEM002-24	2021/07/13	2022/07/12



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6 Radio Spectrum Matter Test Results

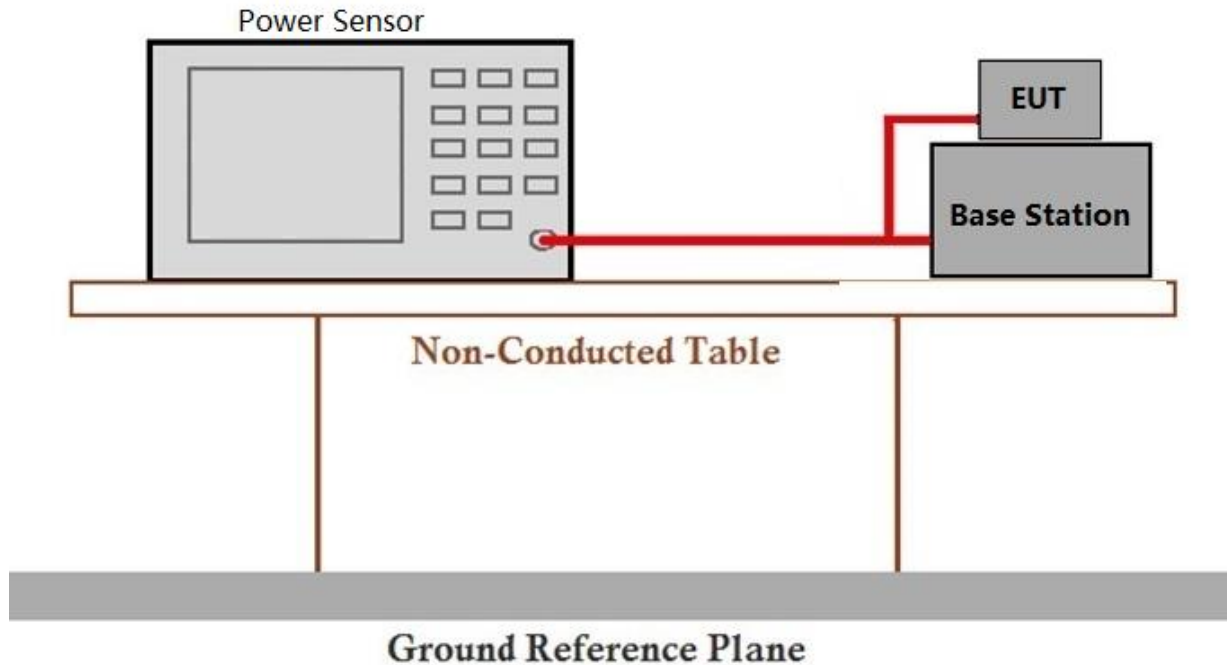
6.1 Effective (Isotropic) Radiated Power Output Data

Test Requirement: §2.1046, §22.913, §24.232
 Test Method: ANSI C63.26-2015, KDB 971168 D01 v03r01
 Limit: ERP≤7W(GSM850)
 EIRP ≤ 2W(PCS1900)

6.1.1 E.U.T. Operation

Operating Environment:
 Temperature: 21.5 °C Humidity: 53.5 % RH Atmospheric Pressure: 1020 mbar
 Test mode: 30:TX mode_Keep the EUT in transmitting mode

6.1.2 Test Setup Diagram



6.1.3 Measurement Data



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Band: GSM850									
ENV	Mode		Frequency (MHz)	Conducted Power (dBm)	Gain (dbi)	ERP (dBm)		Verdict	
	Network	Subset				Result	Limit		
NTNV	GSM	GSM	824.2	33.54	-2.00	29.39	<=38.45	Pass	
			836.6	33.50	-2.00	29.35	<=38.45	Pass	
			848.8	32.60	-2.00	28.45	<=38.45	Pass	
	GPRS	1 TX Slot	824.2	33.37	-2.00	29.22	<=38.45	Pass	
			824.2	31.61	-2.00	27.46	<=38.45	Pass	
			824.2	29.82	-2.00	25.67	<=38.45	Pass	
			824.2	28.24	-2.00	24.09	<=38.45	Pass	
		2 TX Slots	836.6	33.36	-2.00	29.21	<=38.45	Pass	
			836.6	31.57	-2.00	27.42	<=38.45	Pass	
			836.6	29.86	-2.00	25.71	<=38.45	Pass	
			836.6	28.34	-2.00	24.19	<=38.45	Pass	
		3 TX Slots	848.8	32.45	-2.00	28.3	<=38.45	Pass	
			848.8	30.71	-2.00	26.56	<=38.45	Pass	
			848.8	28.97	-2.00	24.82	<=38.45	Pass	
			848.8	27.41	-2.00	23.26	<=38.45	Pass	
		EGPRS	1 TX Slot	824.2	26.71	-2.00	22.56	<=38.45	Pass
				824.2	24.95	-2.00	20.8	<=38.45	Pass
				824.2	23.22	-2.00	19.07	<=38.45	Pass
				824.2	21.72	-2.00	17.57	<=38.45	Pass
	2 TX Slots		836.6	26.65	-2.00	22.5	<=38.45	Pass	
			836.6	24.95	-2.00	20.8	<=38.45	Pass	
			836.6	23.20	-2.00	19.05	<=38.45	Pass	
			836.6	21.66	-2.00	17.51	<=38.45	Pass	
	3 TX Slots		848.8	25.87	-2.00	21.72	<=38.45	Pass	
			848.8	24.17	-2.00	20.02	<=38.45	Pass	
			848.8	22.39	-2.00	18.24	<=38.45	Pass	
			848.8	20.81	-2.00	16.66	<=38.45	Pass	

Note1: ERP=Conducted Power+Antenna Gain-2.15



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Band: PCS1900									
ENV	Mode		Frequency (MHz)	Conducted Power (dBm)	Gain (dbi)	EIRP (dBm)		Verdict	
	Network	Subset				Result	Limit		
NTNV	GSM	GSM	1850.2	28.76	-1.00	27.76	<=33.01	Pass	
			1880	29.42	-1.00	28.42	<=33.01	Pass	
			1909.8	29.53	-1.00	28.53	<=33.01	Pass	
	GPRS	1 TX Slot	1850.2	28.55	-1.00	27.55	<=33.01	Pass	
			1850.2	26.77	-1.00	25.77	<=33.01	Pass	
			1850.2	24.90	-1.00	23.9	<=33.01	Pass	
			1850.2	23.32	-1.00	22.32	<=33.01	Pass	
		2 TX Slots	1880	29.21	-1.00	28.21	<=33.01	Pass	
			1880	27.41	-1.00	26.41	<=33.01	Pass	
			1880	25.54	-1.00	24.54	<=33.01	Pass	
			1880	23.81	-1.00	22.81	<=33.01	Pass	
		3 TX Slots	1909.8	29.38	-1.00	28.38	<=33.01	Pass	
			1909.8	27.55	-1.00	26.55	<=33.01	Pass	
			1909.8	25.73	-1.00	24.73	<=33.01	Pass	
			1909.8	23.98	-1.00	22.98	<=33.01	Pass	
		EGPRS	1 TX Slot	1850.2	24.93	-1.00	23.93	<=33.01	Pass
				1850.2	22.78	-1.00	21.78	<=33.01	Pass
				1850.2	20.92	-1.00	19.92	<=33.01	Pass
				1850.2	18.92	-1.00	17.92	<=33.01	Pass
	2 TX Slots		1880	25.63	-1.00	24.63	<=33.01	Pass	
			1880	23.22	-1.00	22.22	<=33.01	Pass	
			1880	21.34	-1.00	20.34	<=33.01	Pass	
			1880	19.55	-1.00	18.55	<=33.01	Pass	
	3 TX Slots		1909.8	25.73	-1.00	24.73	<=33.01	Pass	
			1909.8	23.71	-1.00	22.71	<=33.01	Pass	
			1909.8	21.52	-1.00	20.52	<=33.01	Pass	
			1909.8	19.65	-1.00	18.65	<=33.01	Pass	

Note1: EIRP=Conducted Power+Antenna Gain



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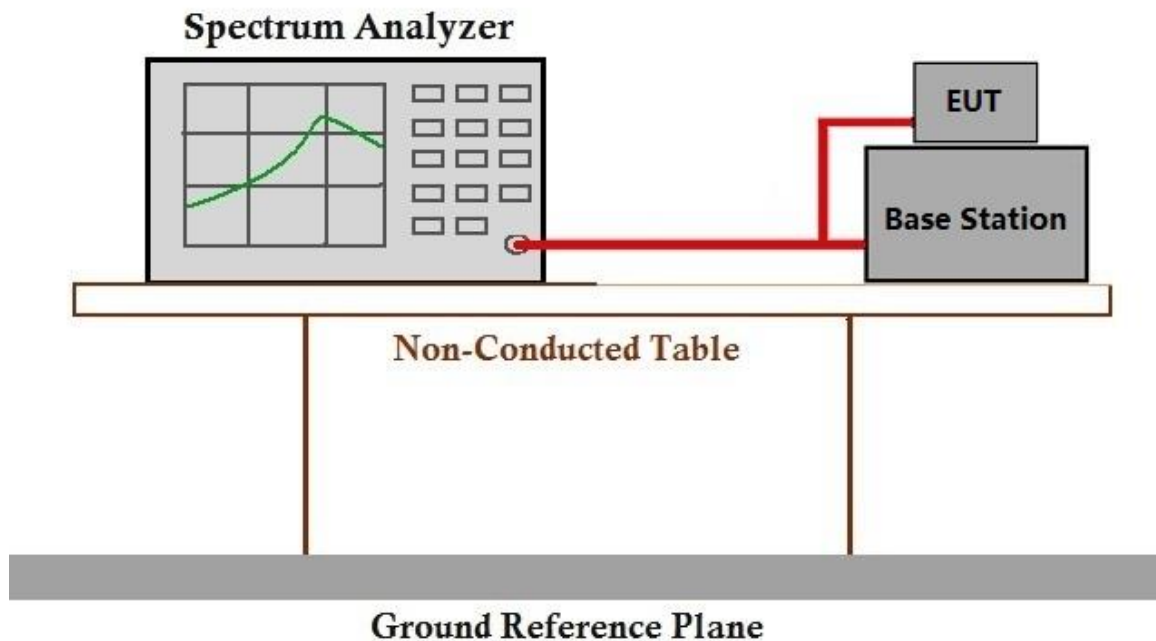
6.2 Peak-Average Ratio

Test Requirement: §24.232
 Test Method: ANSI C63.26-2015, KDB 971168 D01 v03r01
 Limit: ≤13dB

6.2.1 E.U.T. Operation

Operating Environment:
 Temperature: 21.5 °C Humidity: 53.5 % RH Atmospheric Pressure: 1020 mbar
 Test mode: 30:TX mode_Keep the EUT in transmitting mode

6.2.2 Test Setup Diagram



6.2.3 Measurement Data



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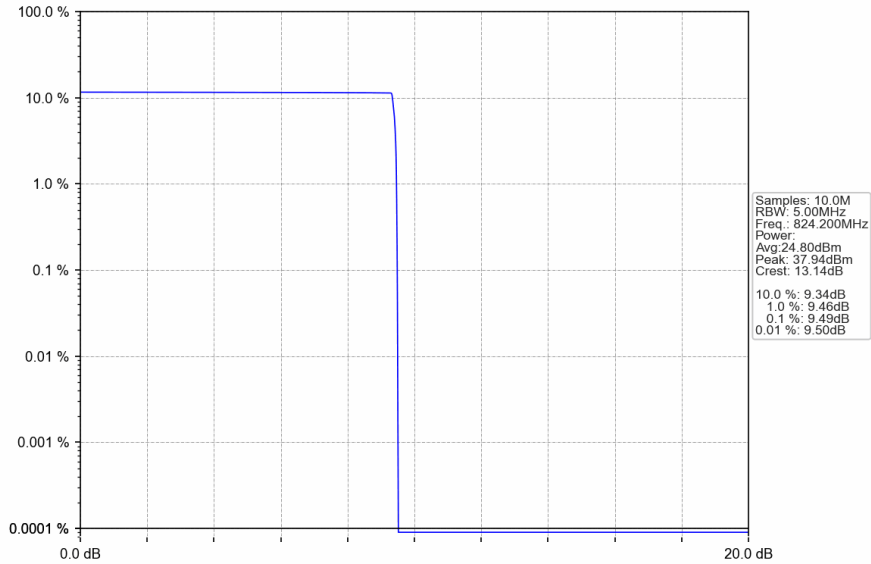
Band: GSM850						
ENV	Mode		Frequency (MHz)	Peak-Average Ratio (dB)		Verdict
	Network	Subset		Result	Limit	
NTNV	GSM	GSM	824.2	9.49	<=13	Pass
			836.6	9.72	<=13	Pass
			848.8	8.97	<=13	Pass
	GPRS	4 TX Slots	824.2	9.26	<=13	Pass
			836.6	3.16	<=13	Pass
			848.8	4.56	<=13	Pass
	EGPRS	4 TX Slots	824.2	9.86	<=13	Pass
			836.6	10.35	<=13	Pass
			848.8	11.32	<=13	Pass

Band: PCS1900						
ENV	Mode		Frequency (MHz)	Peak-Average Ratio (dB)		Verdict
	Network	Subset		Result	Limit	
NTNV	GSM	GSM	1850.2	9.26	<=13	Pass
			1880	9.44	<=13	Pass
			1909.8	9.66	<=13	Pass
	GPRS	4 TX Slots	1850.2	9.65	<=13	Pass
			1880	3.38	<=13	Pass
			1909.8	3.75	<=13	Pass
	EGPRS	4 TX Slots	1850.2	12.90	<=13	Pass
			1880	6.52	<=13	Pass
			1909.8	6.77	<=13	Pass

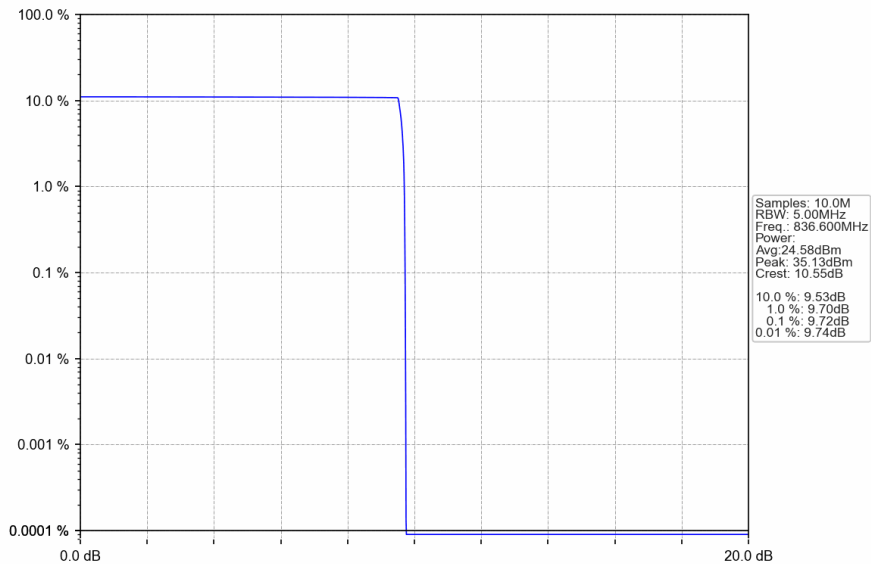


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GSM850_GSM_LCH_824.2MHz_GSM_NTNV

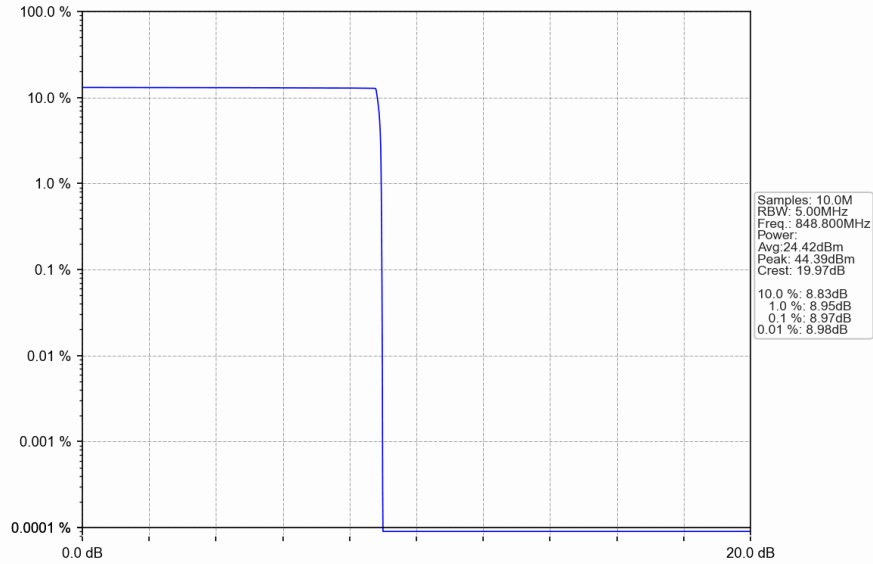


GSM850_GSM_MCH_836.6MHz_GSM_NTNV

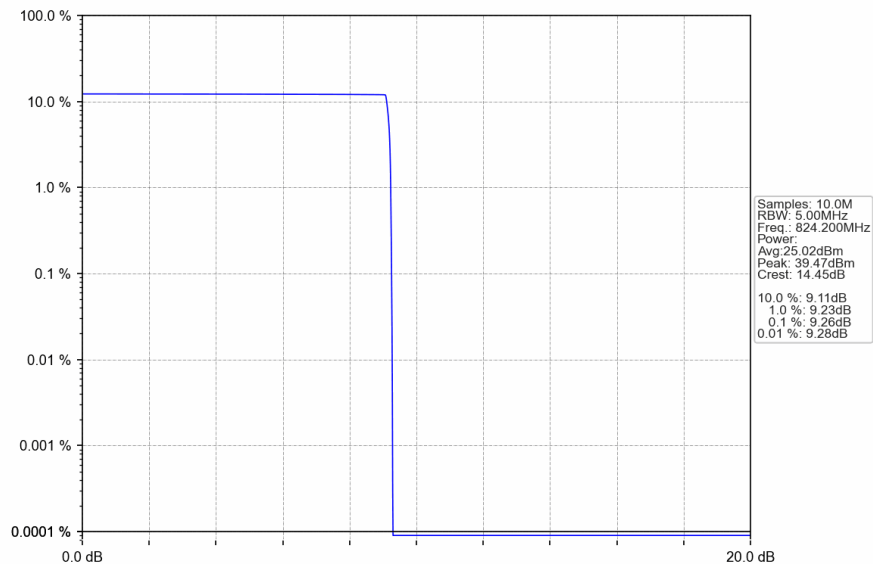


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GSM850_GSM_HCH_848.8MHz_GSM_NTNV

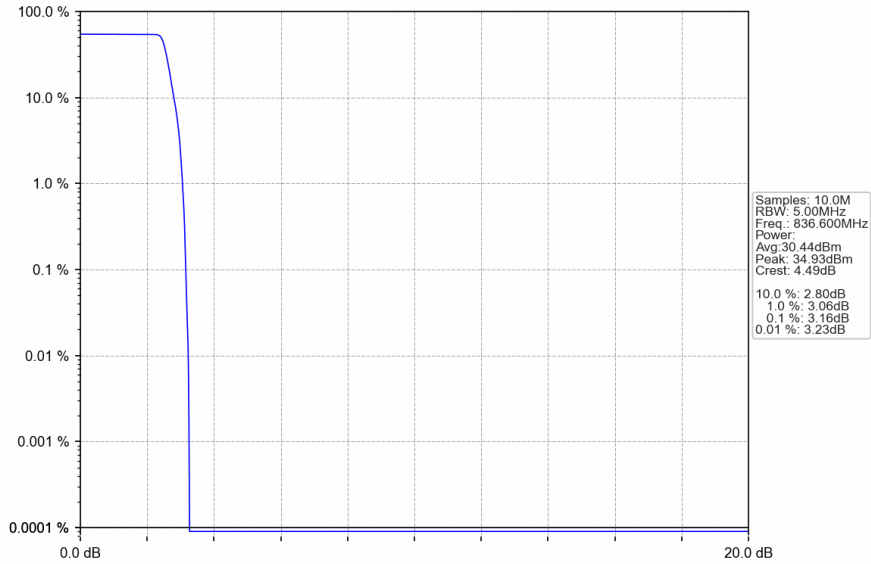


GSM850_GPRS_LCH_824.2MHz_4 TX Slots_NTNV

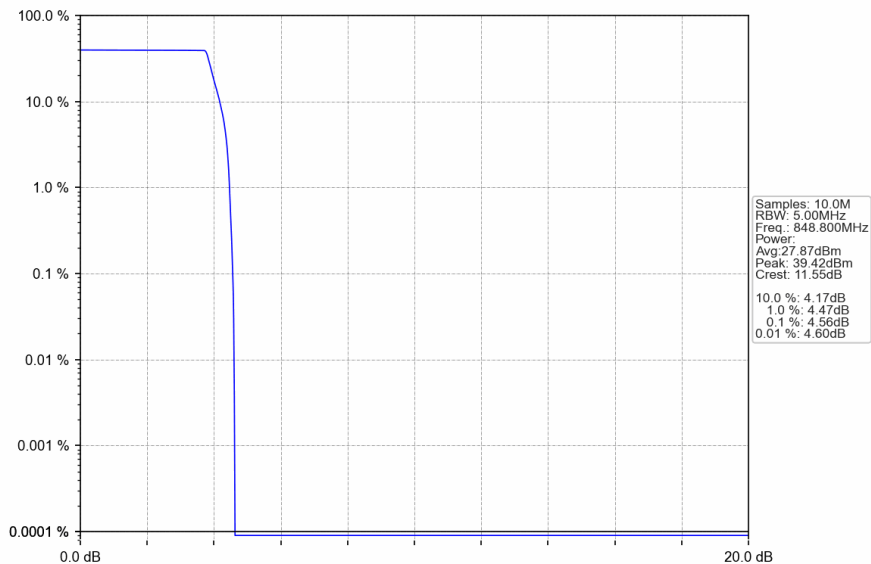


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GSM850_GPRS_MCH_836.6MHz_4 TX Slots_NTNV



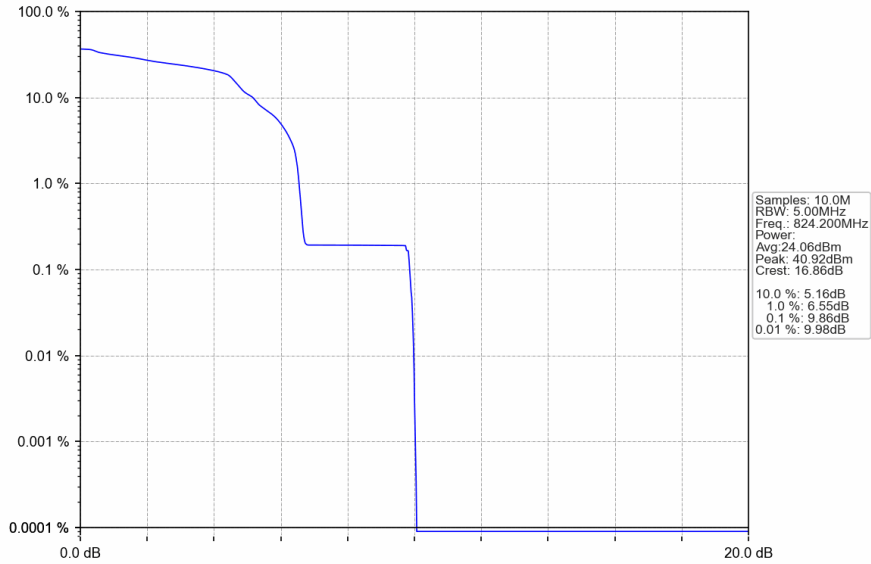
GSM850_GPRS_HCH_848.8MHz_4 TX Slots_NTNV



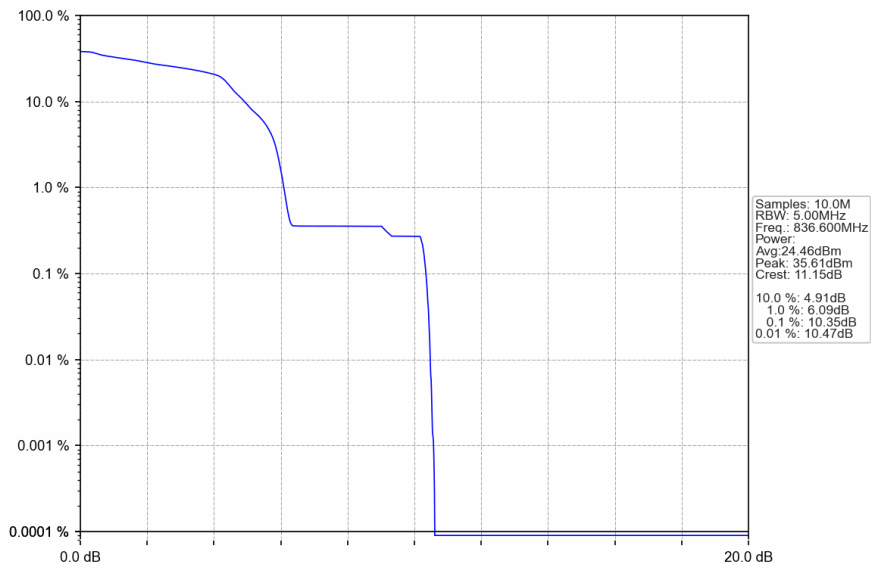
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GSM850_EGPRS_LCH_824.2MHz_4 TX Slots_NTNV



GSM850_EGPRS_MCH_836.6MHz_4 TX Slots_NTNV

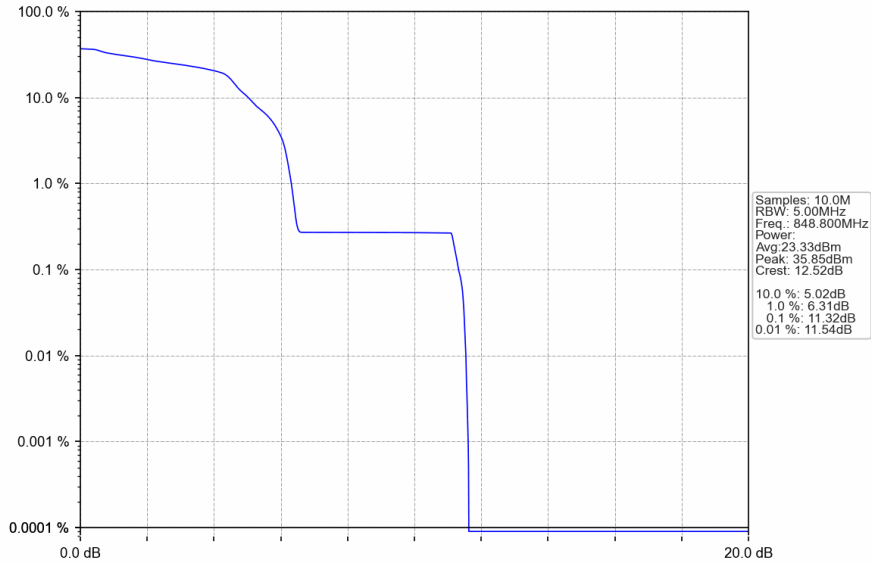


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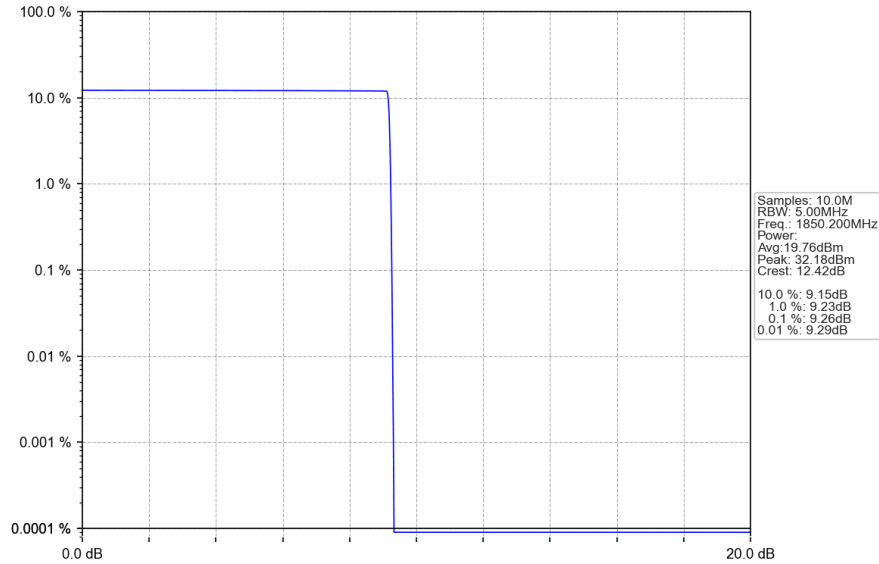
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GSM850_EGPRS_HCH_848.8MHz_4 TX Slots_NTNV

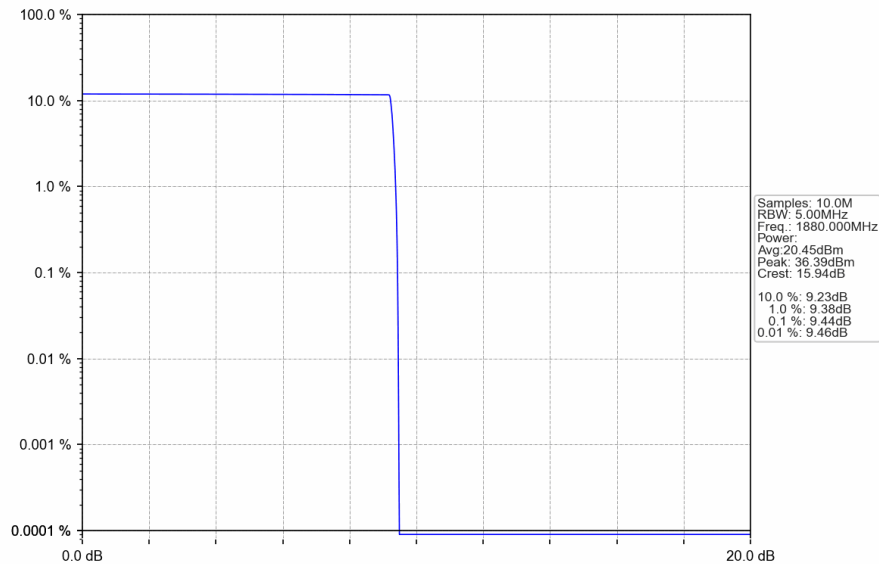


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PCS1900_GSM_LCH_1850.2MHz_GSM_NTNV

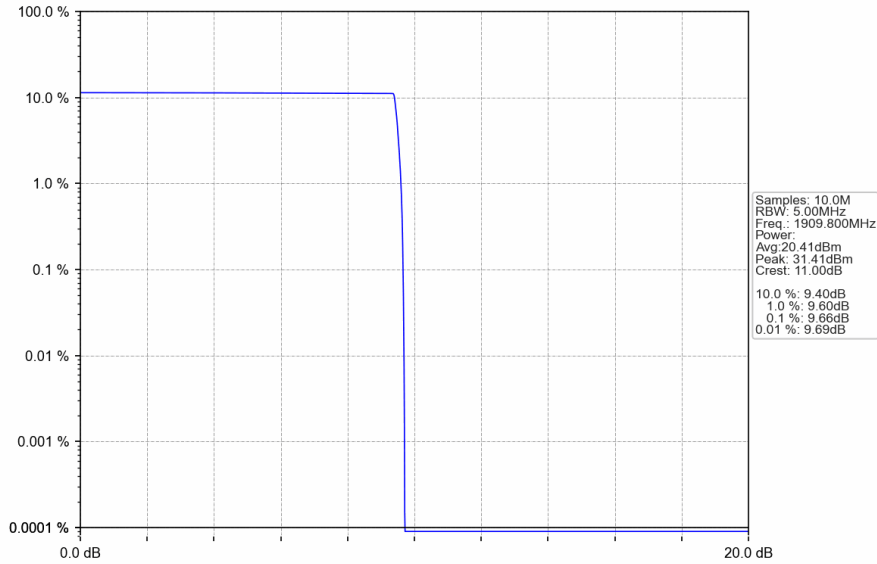


PCS1900_GSM_MCH_1880MHz_GSM_NTNV

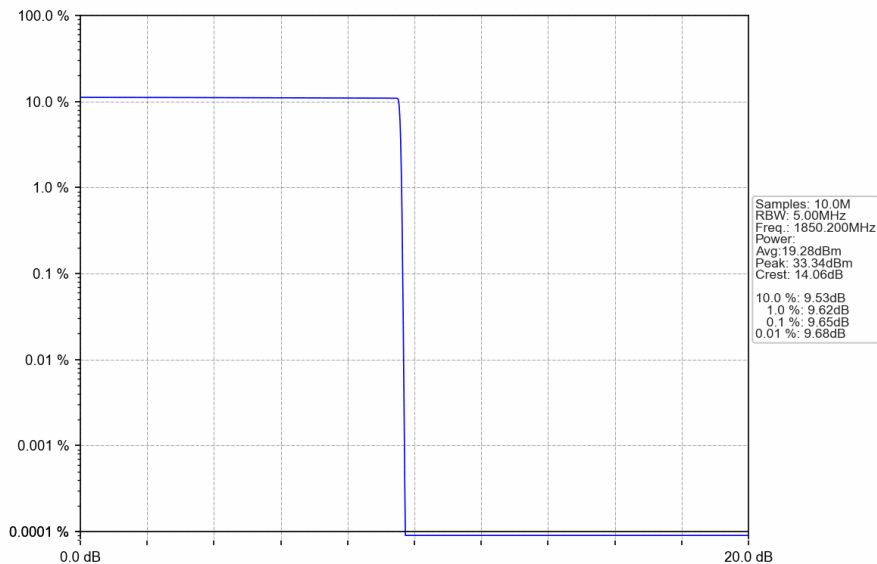


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PCS1900_GSM_HCH_1909.8MHz_GSM_NTNV



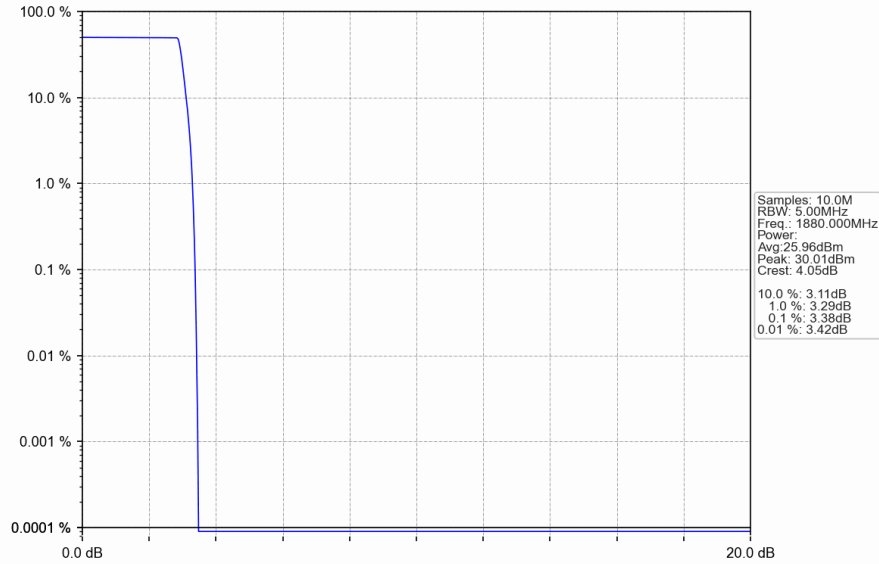
PCS1900_GPRS_LCH_1850.2MHz_4 TX Slots_NTNV



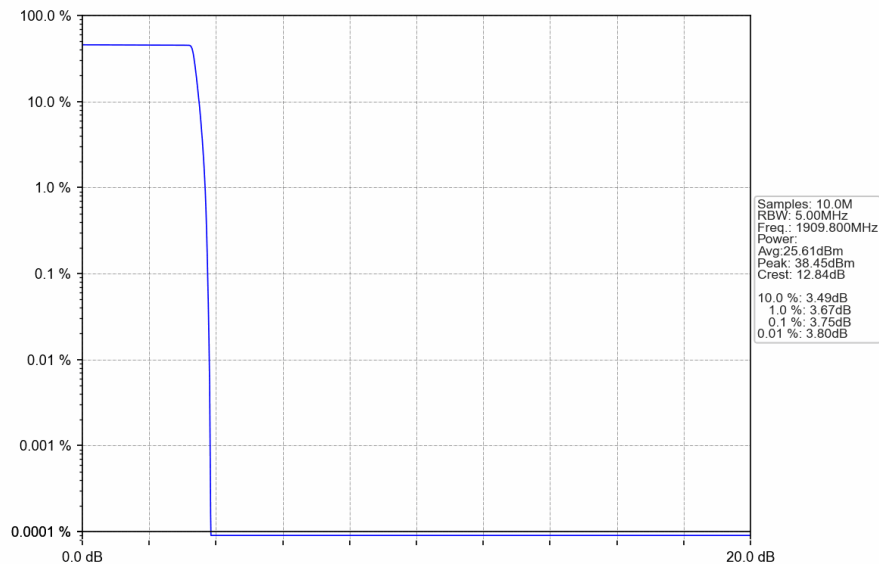
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PCS1900_GPRS_MCH_1880MHz_4 TX Slots_NTNV



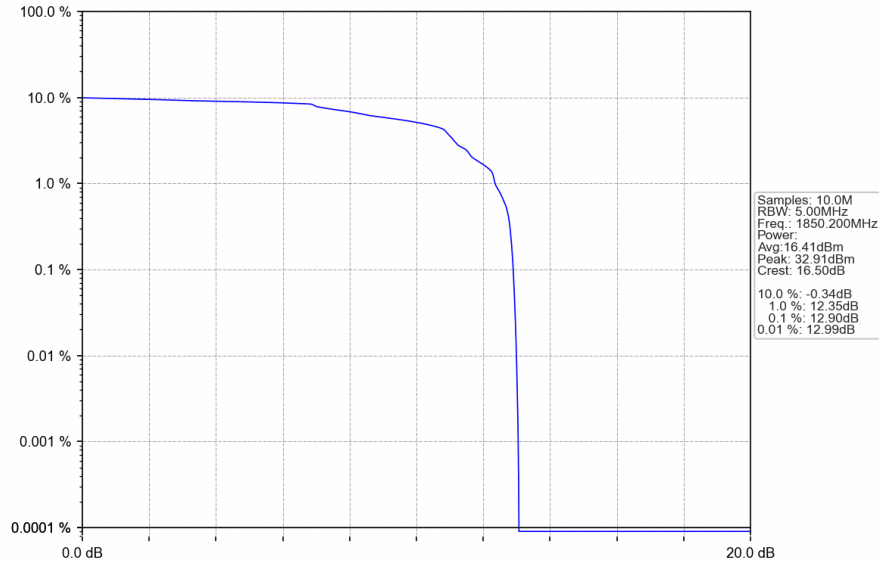
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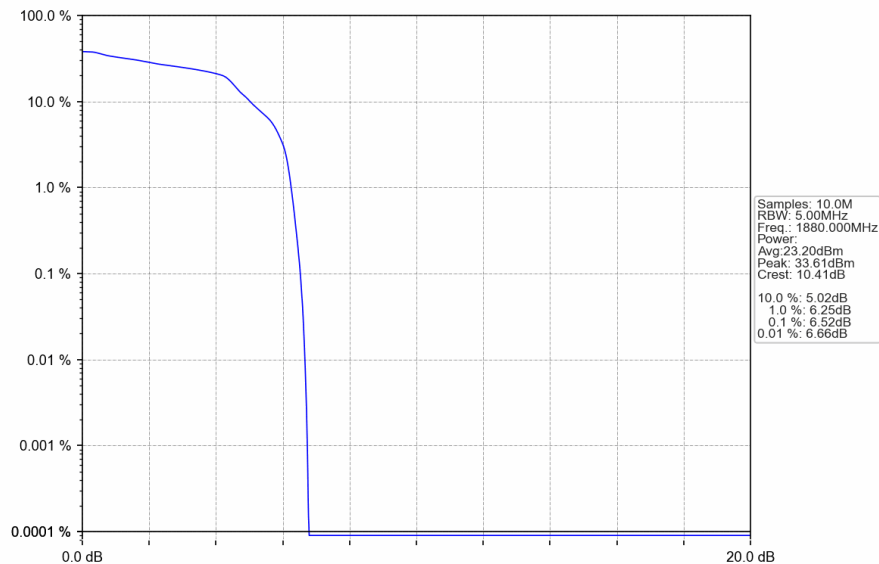
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PCS1900_EGPRS_LCH_1850.2MHz_4 TX Slots_NTNV



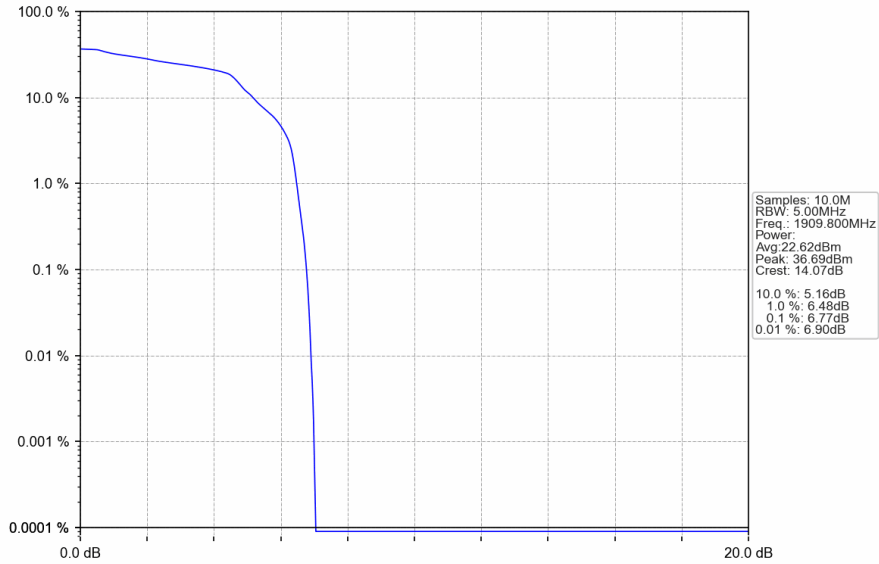
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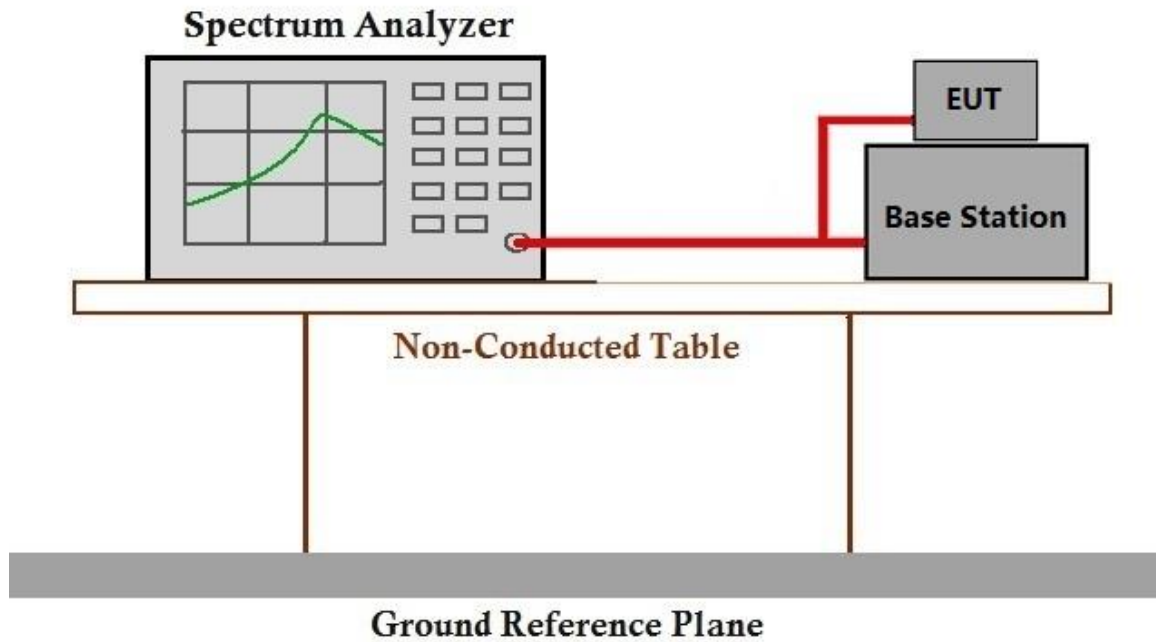
6.3 Bandwidth

Test Requirement: §2.1049(h), §22.917, §24.238
 Test Method: ANSI C63.26-2015, KDB 971168 D01 v03r01
 Limit: OBW: No limit
 EBW: No limit

6.3.1 E.U.T. Operation

Operating Environment:
 Temperature: 21.5 °C Humidity: 53.5 % RH Atmospheric Pressure: 1020 mbar
 Test mode: 30:TX mode_Keep the EUT in transmitting mode

6.3.2 Test Setup Diagram



6.3.3 Measurement Data



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Band: GSM850					
ENV	Mode		Frequency (MHz)	99% Occupied Bandwidth (MHz)	Verdict
	Network	Subset		Result	
NTNV	GSM	GSM	824.2	0.244	Pass
			836.6	0.248	Pass
			848.8	0.245	Pass
	GPRS	1 TX Slot	824.2	0.247	Pass
			836.6	0.241	Pass
			848.8	0.245	Pass
	EGPRS	1 TX Slot	824.2	0.247	Pass
			836.6	0.239	Pass
			848.8	0.243	Pass

Band: GSM850					
ENV	Mode		Frequency (MHz)	26dB Bandwidth (MHz)	Verdict
	Network	Subset		Result	
NTNV	GSM	GSM	824.2	0.317	Pass
			836.6	0.316	Pass
			848.8	0.318	Pass
	GPRS	1 TX Slot	824.2	0.311	Pass
			836.6	0.308	Pass
			848.8	0.310	Pass
	EGPRS	1 TX Slot	824.2	0.307	Pass
			836.6	0.297	Pass
			848.8	0.314	Pass

Band: PCS1900					
ENV	Mode		Frequency (MHz)	99% Occupied Bandwidth (MHz)	Verdict
	Network	Subset		Result	
NTNV	GSM	GSM	1850.2	0.240	Pass
			1880	0.248	Pass
			1909.8	0.239	Pass
	GPRS	1 TX Slot	1850.2	0.242	Pass
			1880	0.244	Pass
			1909.8	0.249	Pass
	EGPRS	1 TX Slot	1850.2	0.237	Pass
			1880	0.243	Pass
			1909.8	0.246	Pass



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Band: PCS1900					
ENV	Mode		Frequency (MHz)	26dB Bandwidth (MHz)	Verdict
	Network	Subset		Result	
NTNV	GSM	GSM	1850.2	0.308	Pass
			1880	0.311	Pass
			1909.8	0.310	Pass
	GPRS	1 TX Slot	1850.2	0.315	Pass
			1880	0.318	Pass
			1909.8	0.317	Pass
	EGPRS	1 TX Slot	1850.2	0.314	Pass
			1880	0.303	Pass
			1909.8	0.311	Pass

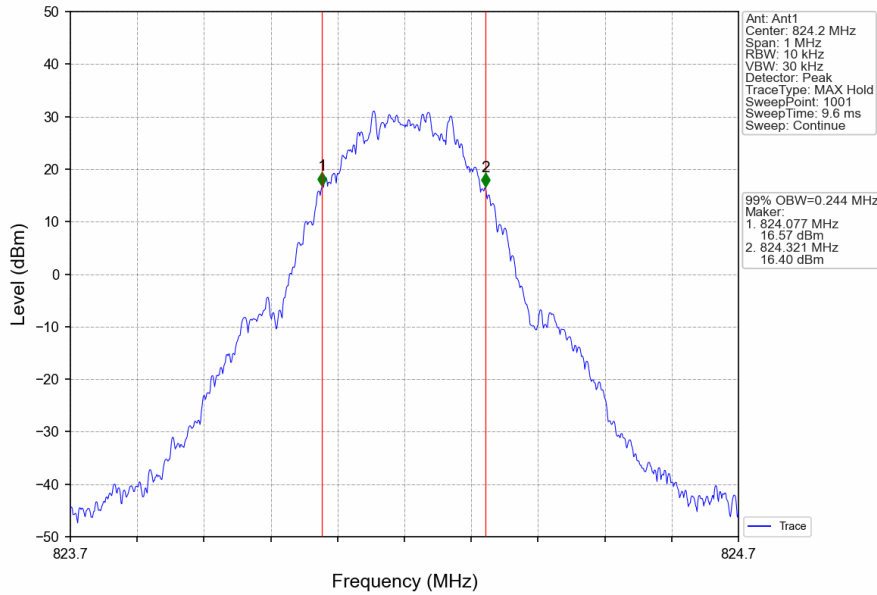


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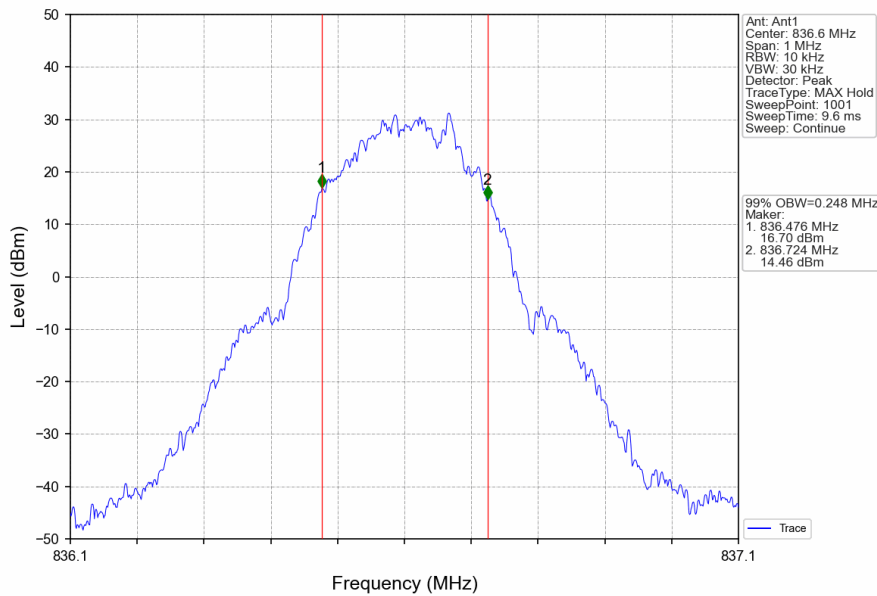
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GSM850_GSM_LCH_824.2MHz_GSM_NTNV



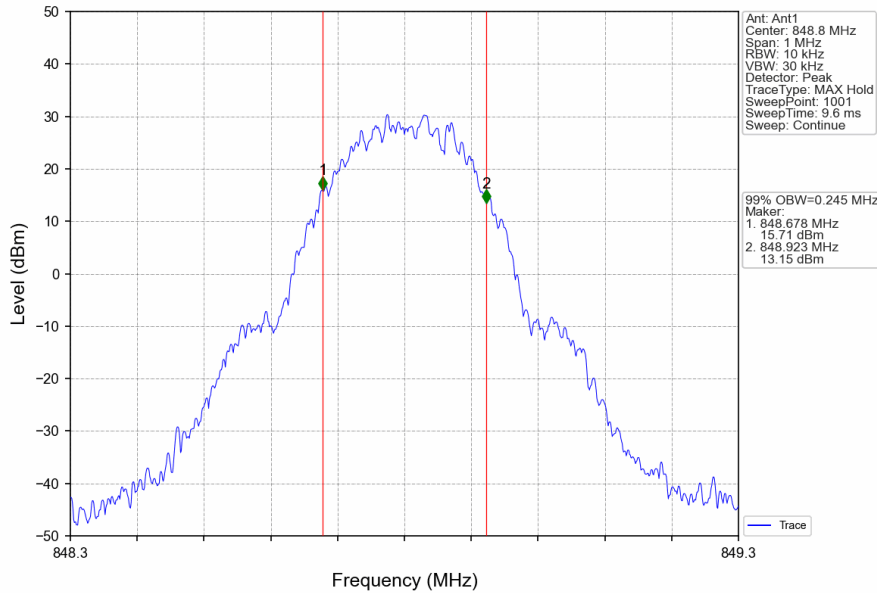
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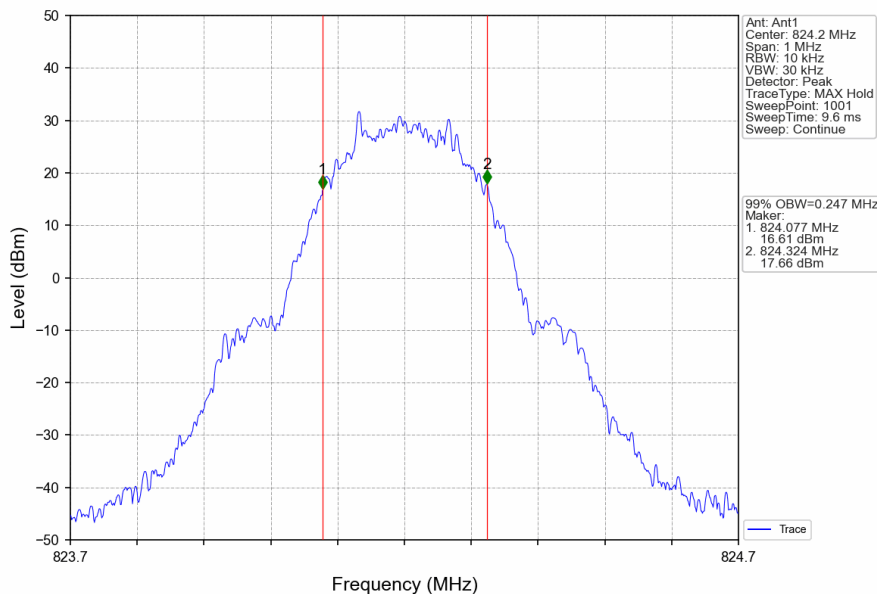
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GSM850_GSM_HCH_848.8MHz_GSM_NTNV

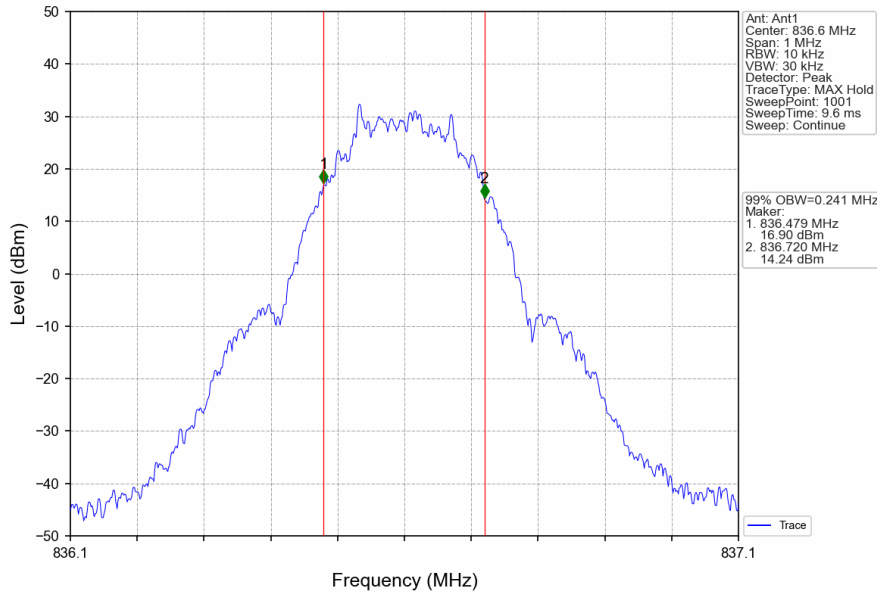


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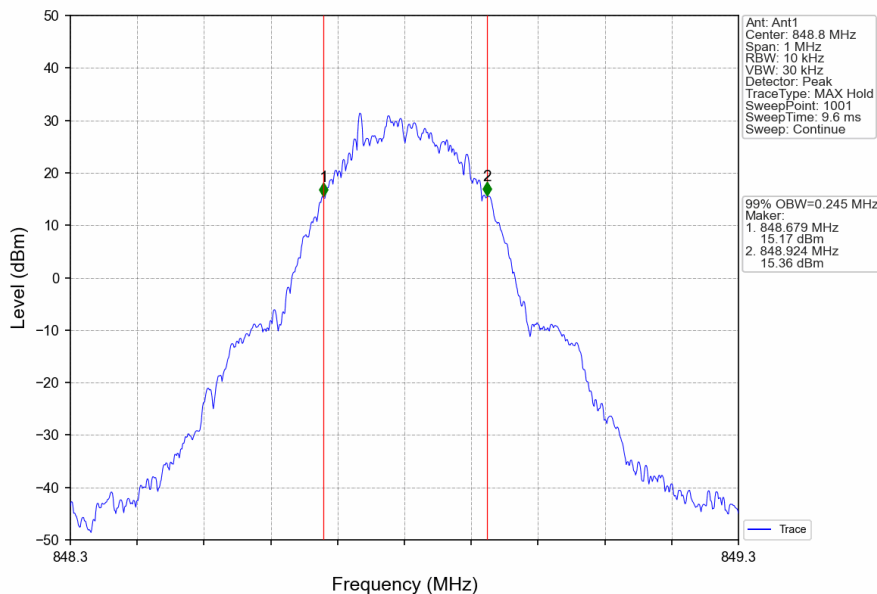


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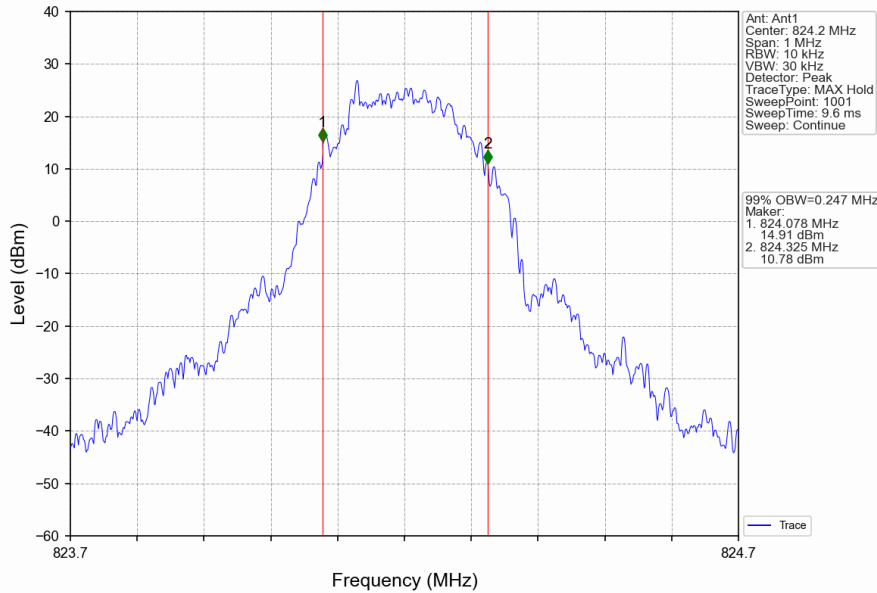


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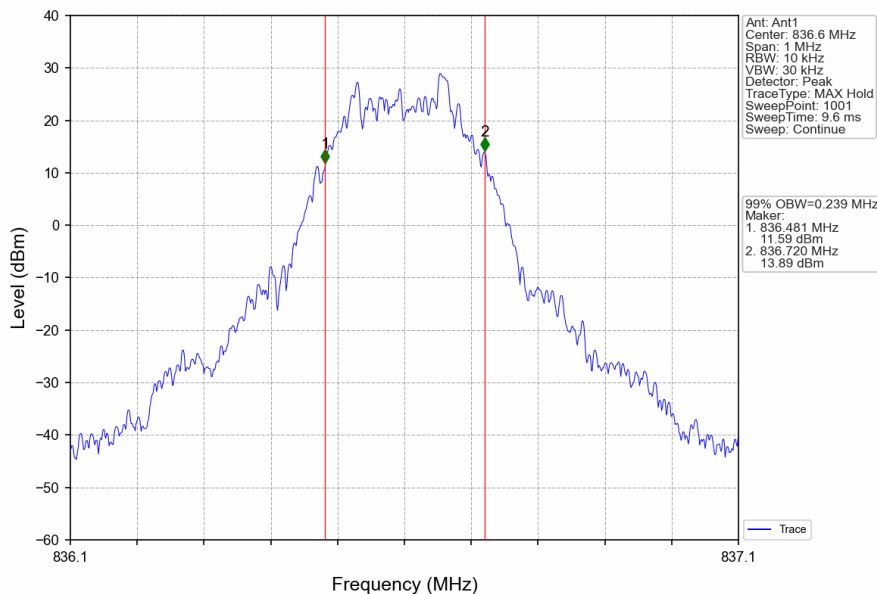


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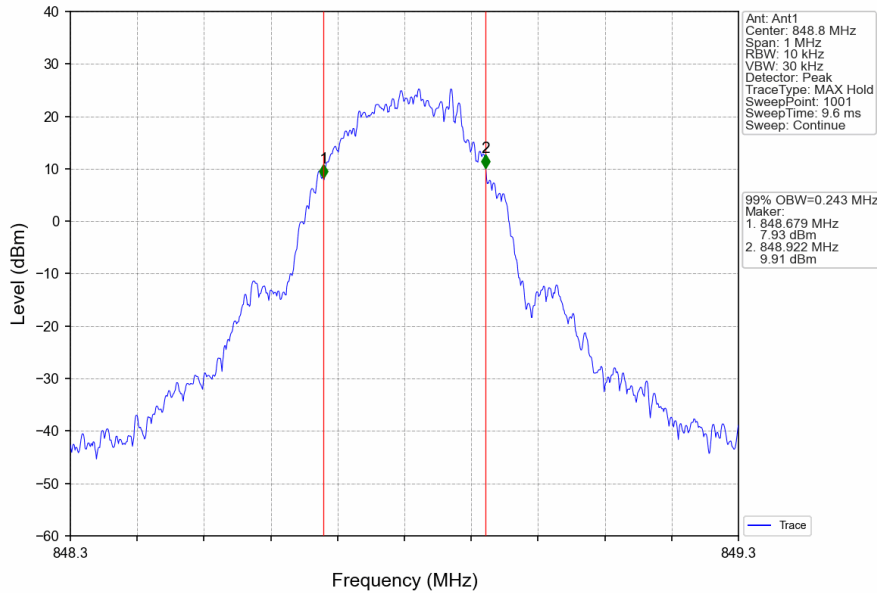


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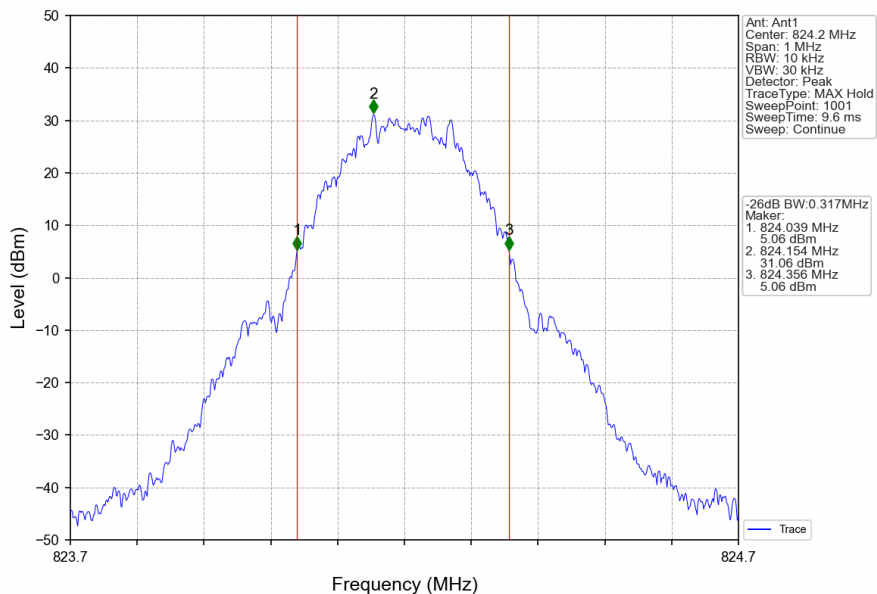


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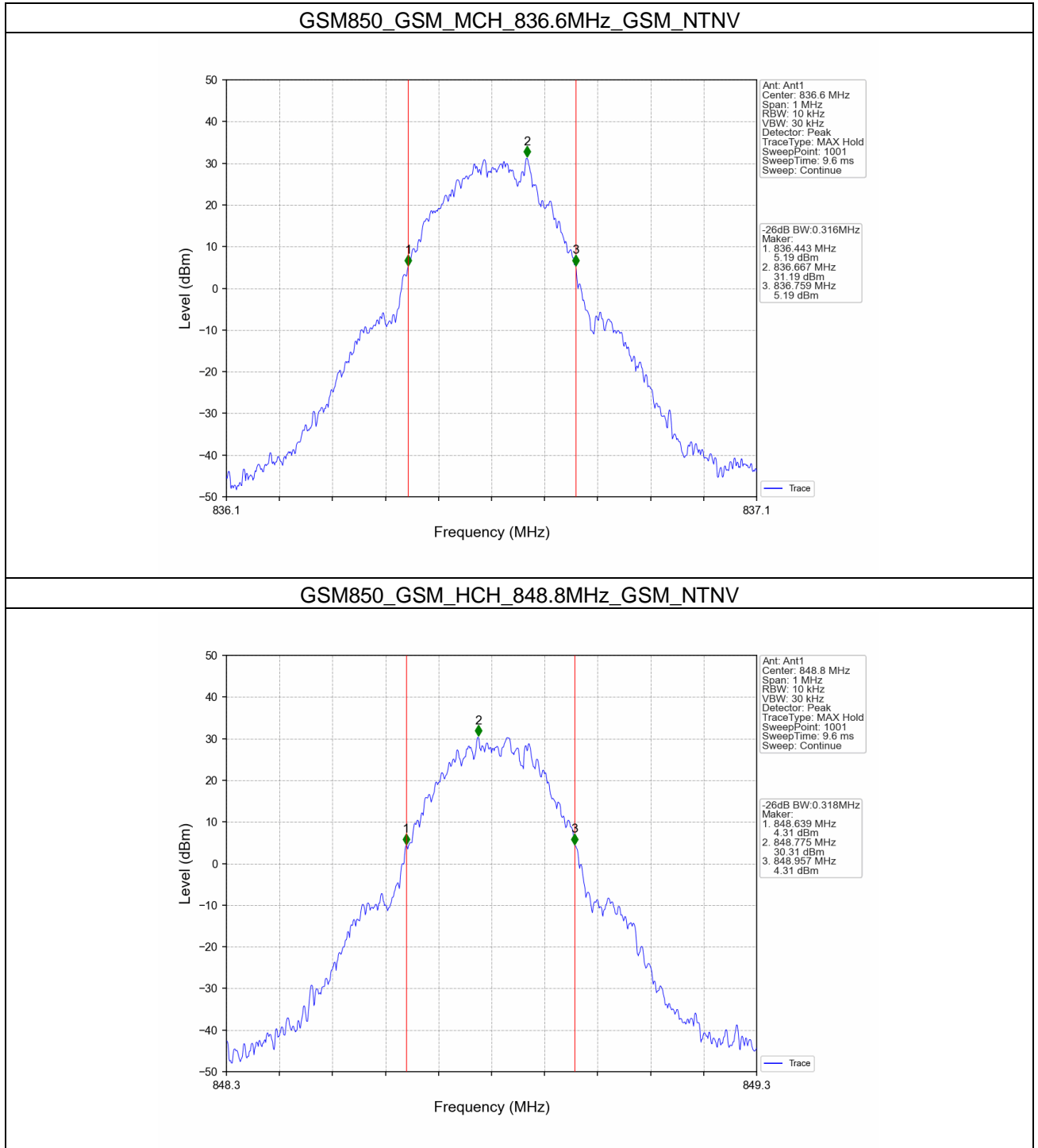


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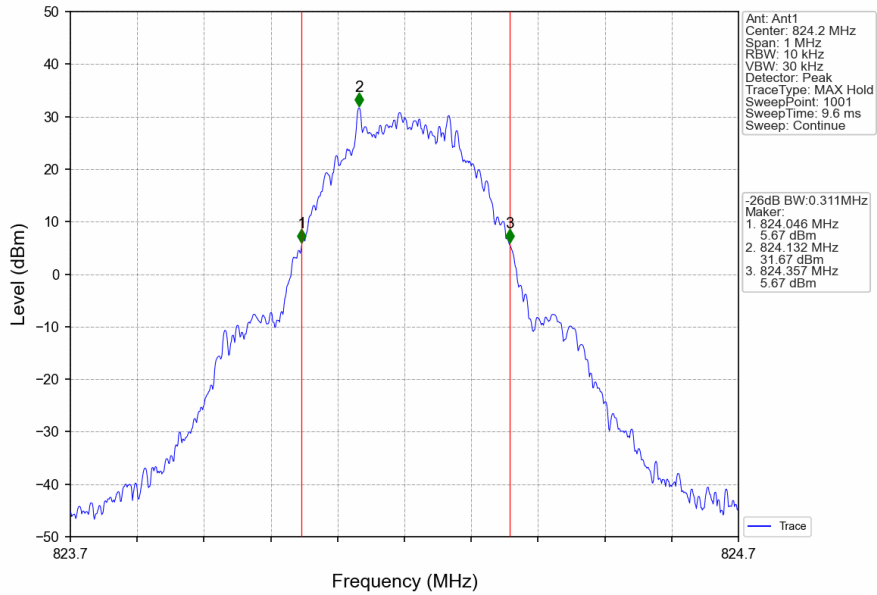


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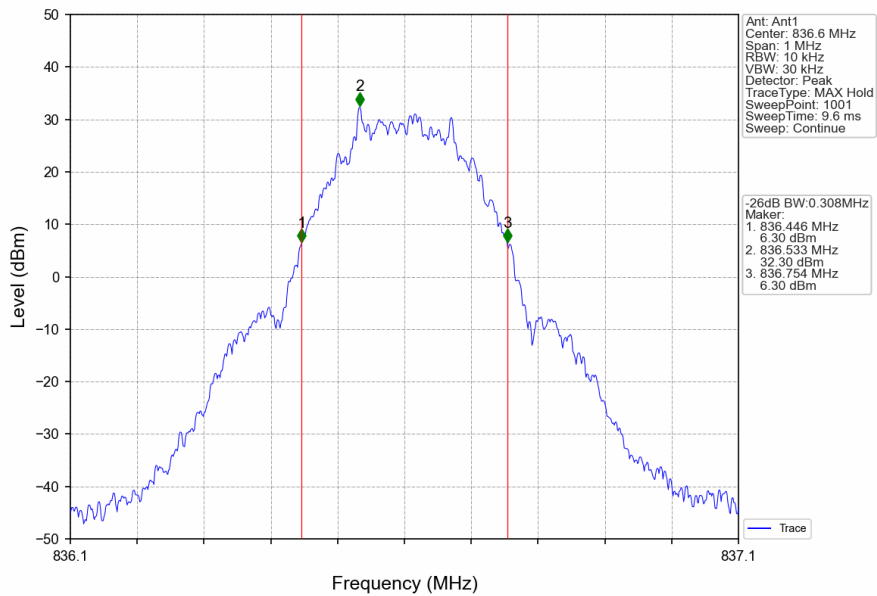
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GSM850_GPRS_LCH_824.2MHz_1 TX Slot_NTNV



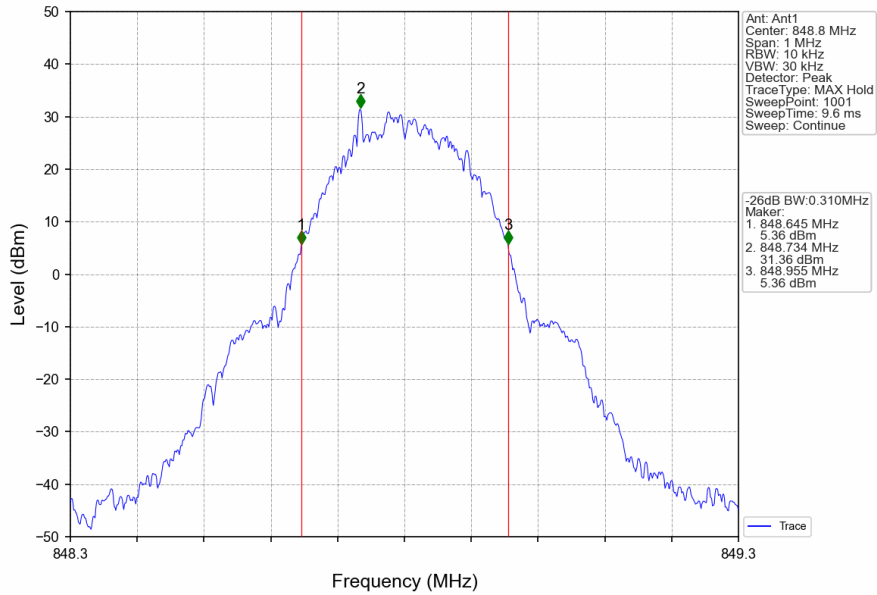
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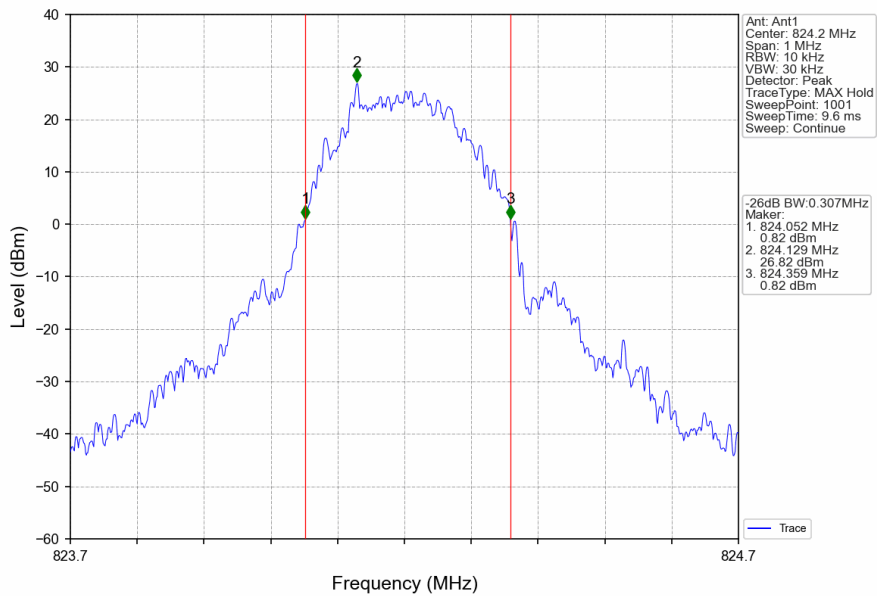
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GSM850_GPRS_HCH_848.8MHz_1 TX Slot_NTNV



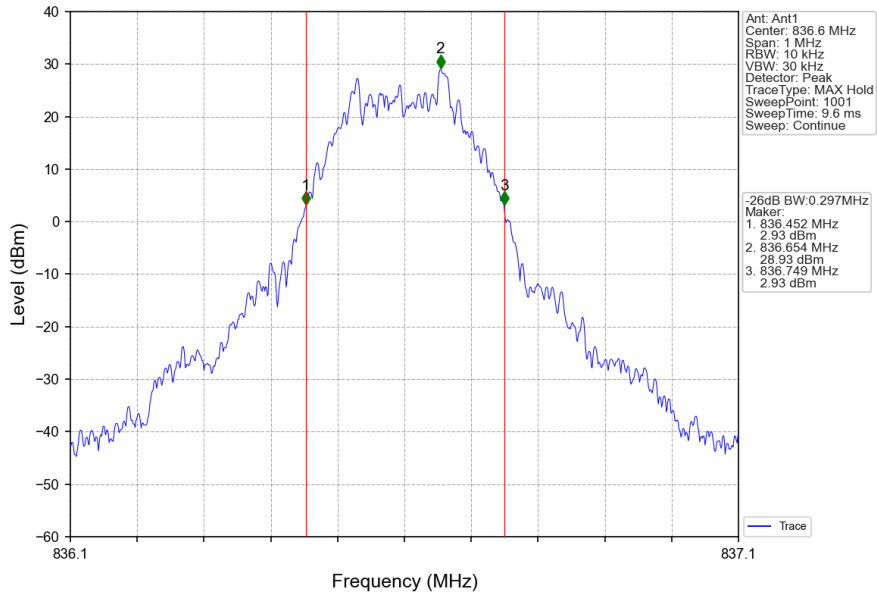
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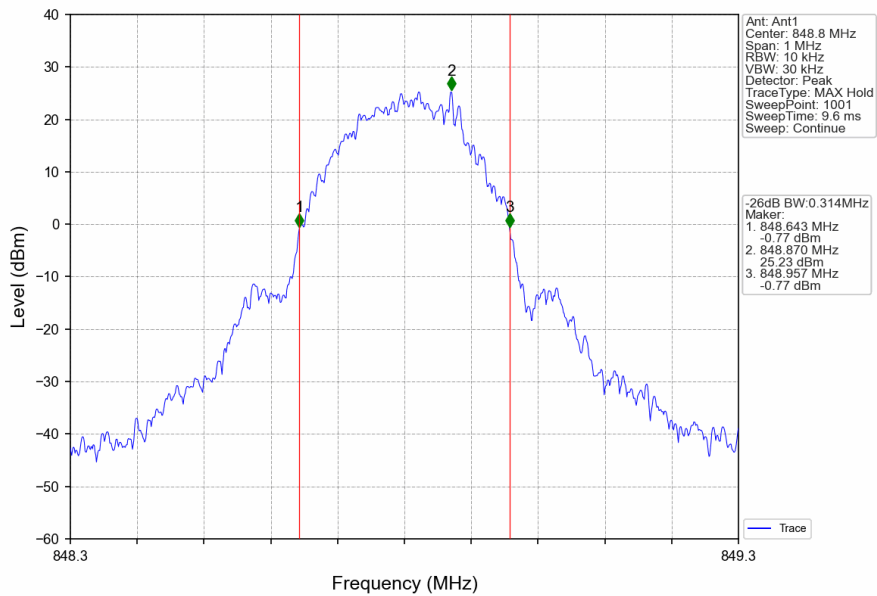
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GSM850_EGPRS_MCH_836.6MHz_1 TX Slot_NTNV



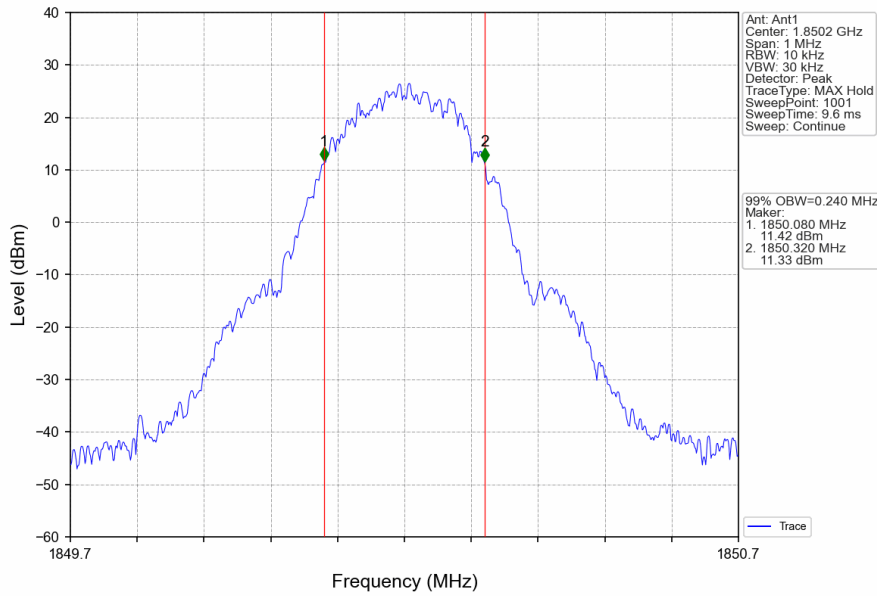
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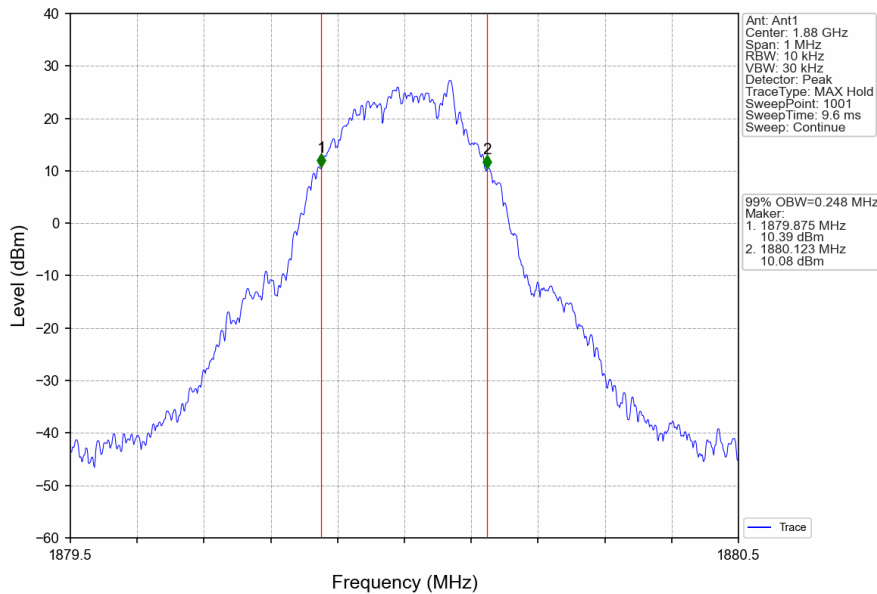
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PCS1900_GSM_LCH_1850.2MHz_GSM_NTNV



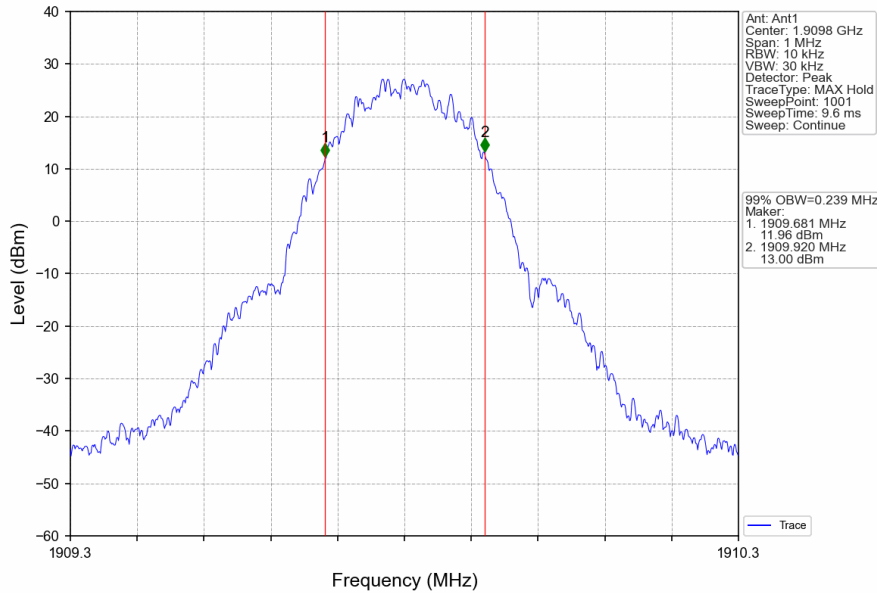
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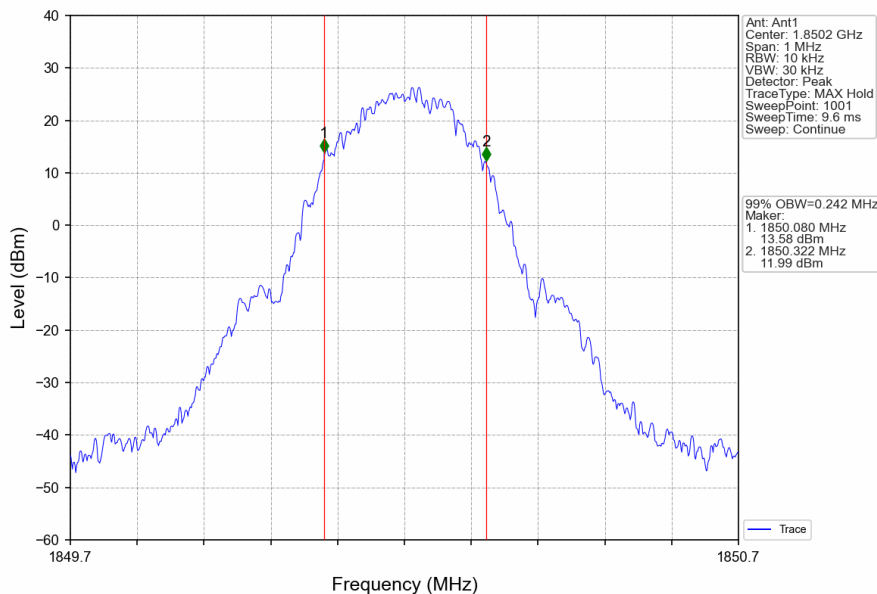
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PCS1900_GSM_HCH_1909.8MHz_GSM_NTNV



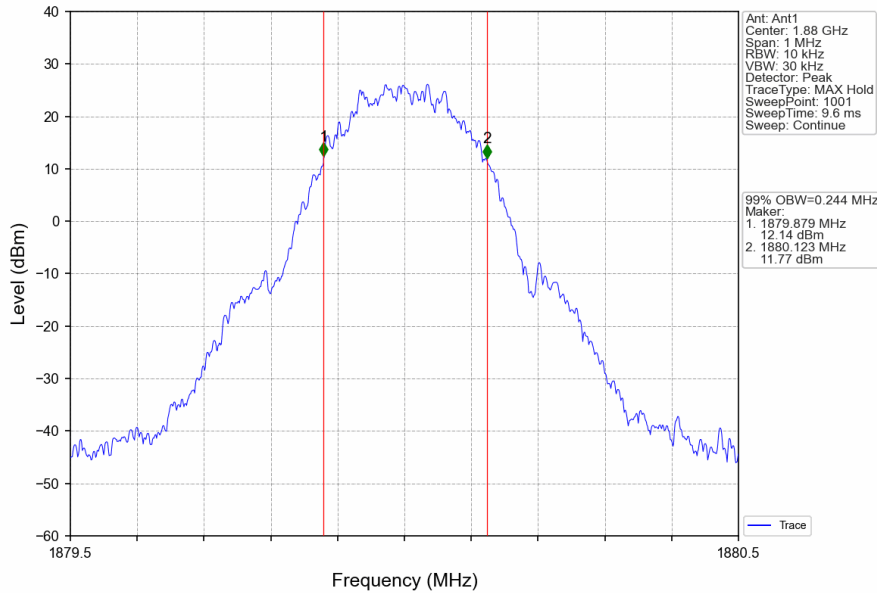
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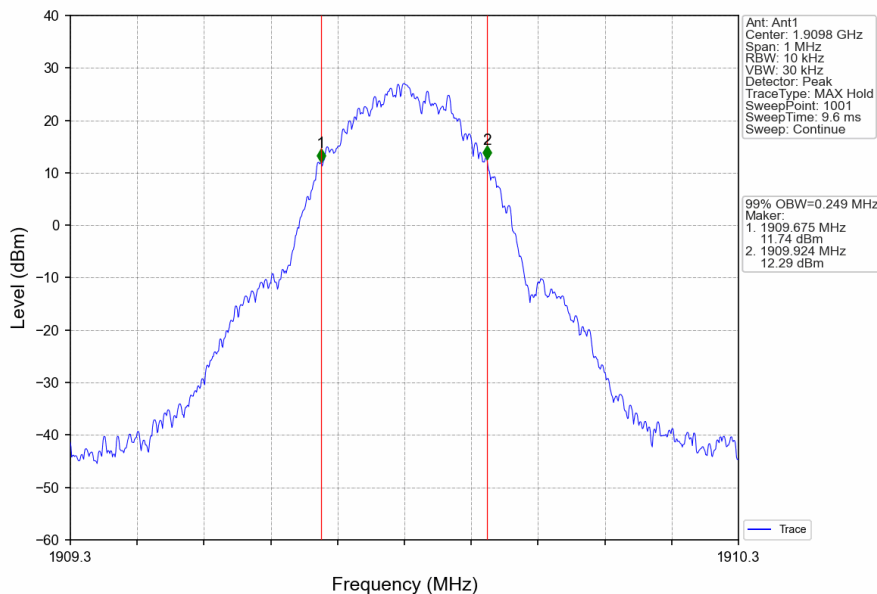
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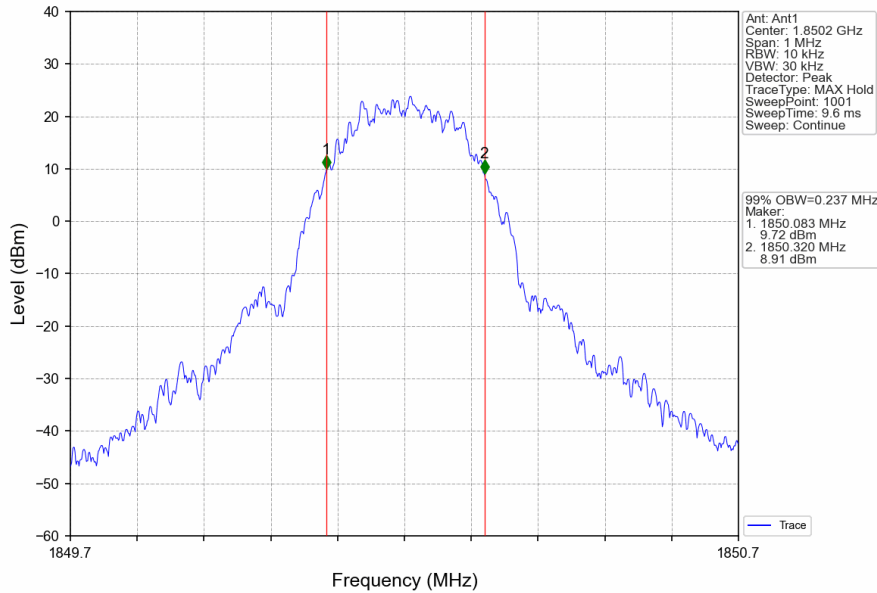


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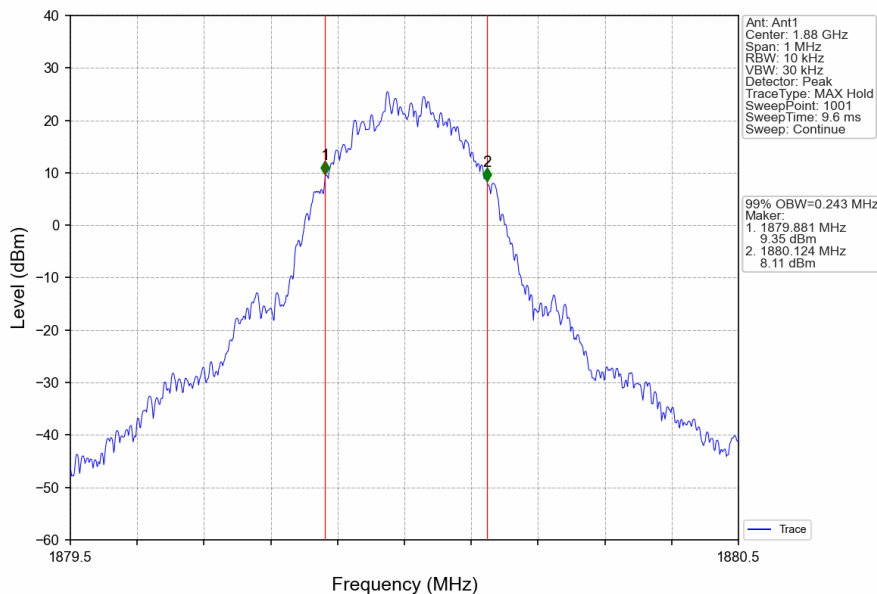


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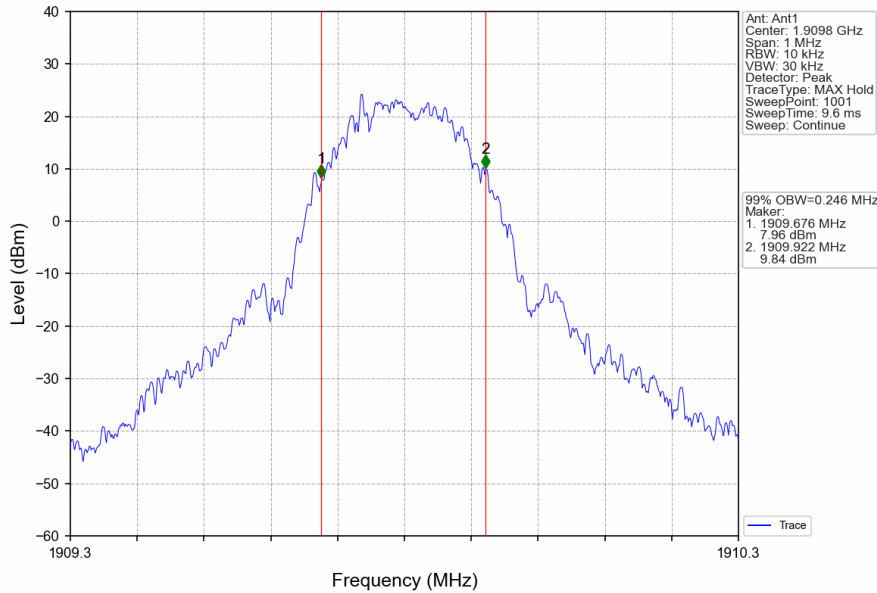
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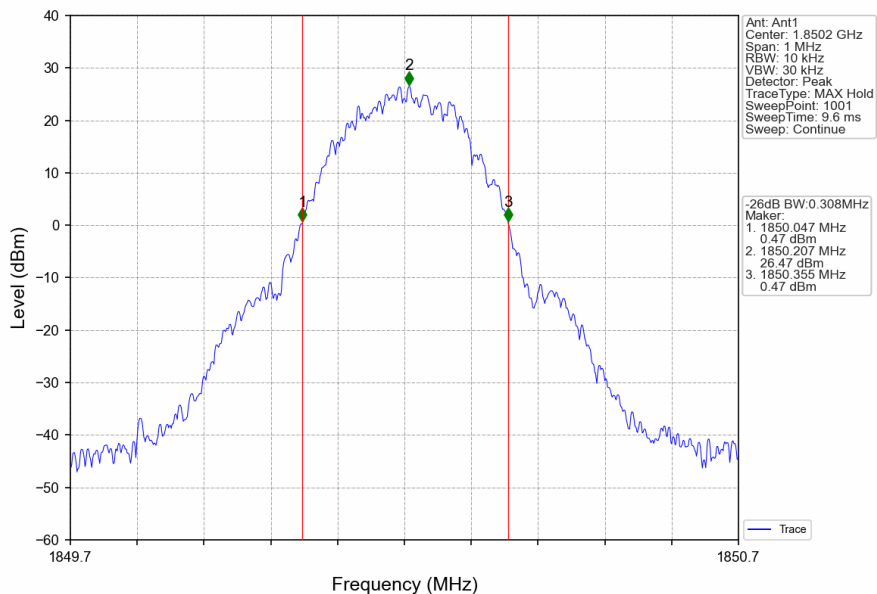
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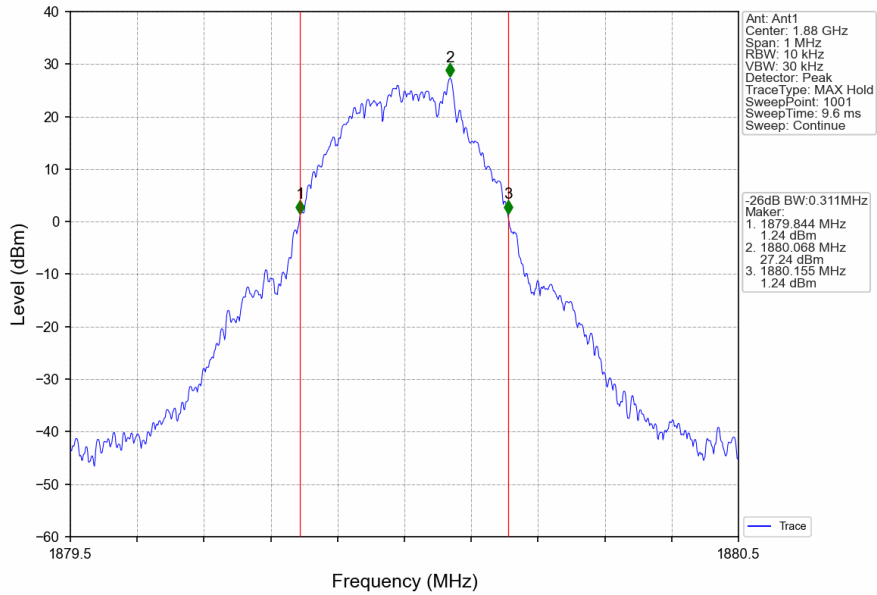


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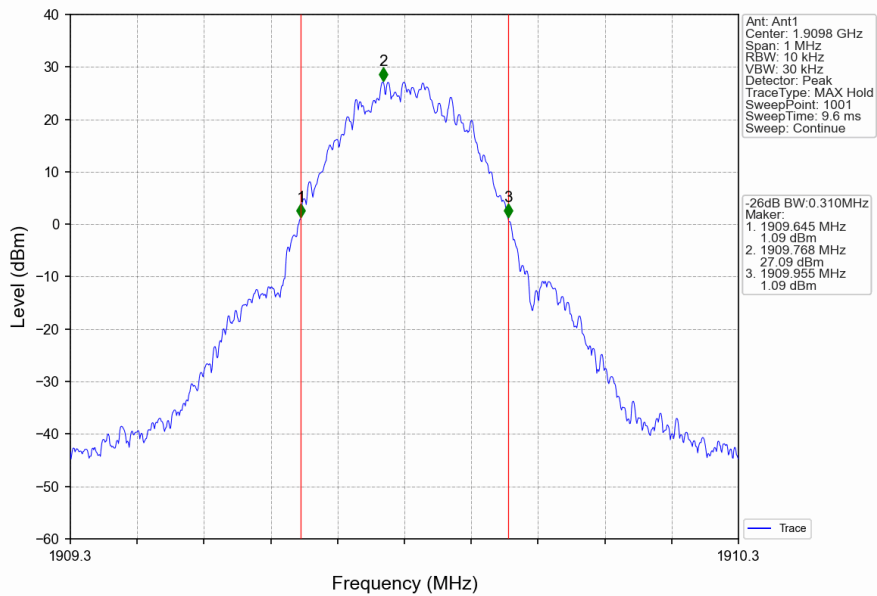


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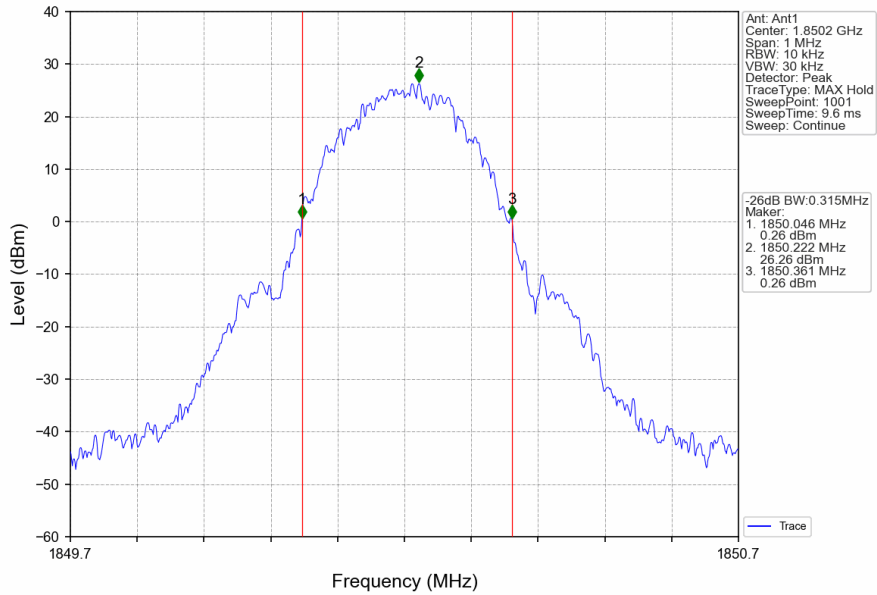


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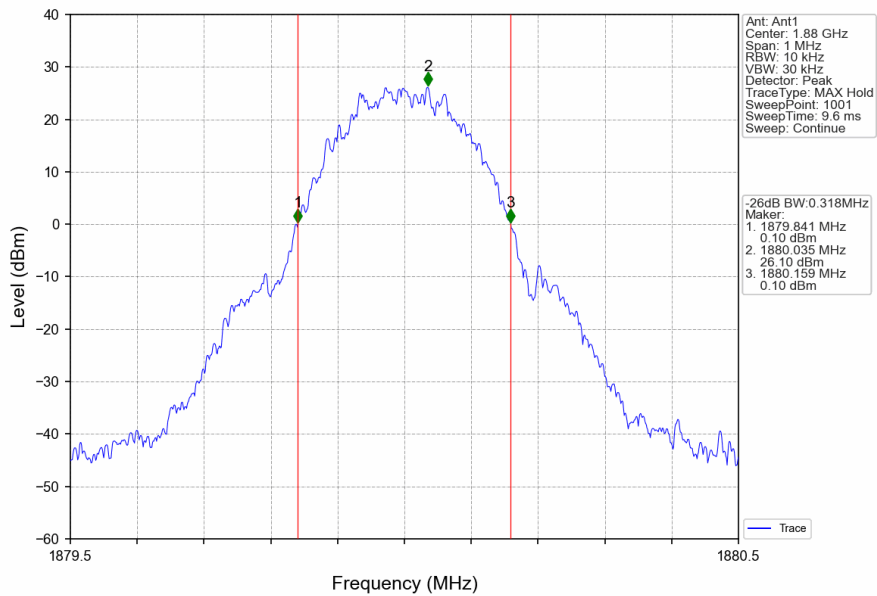
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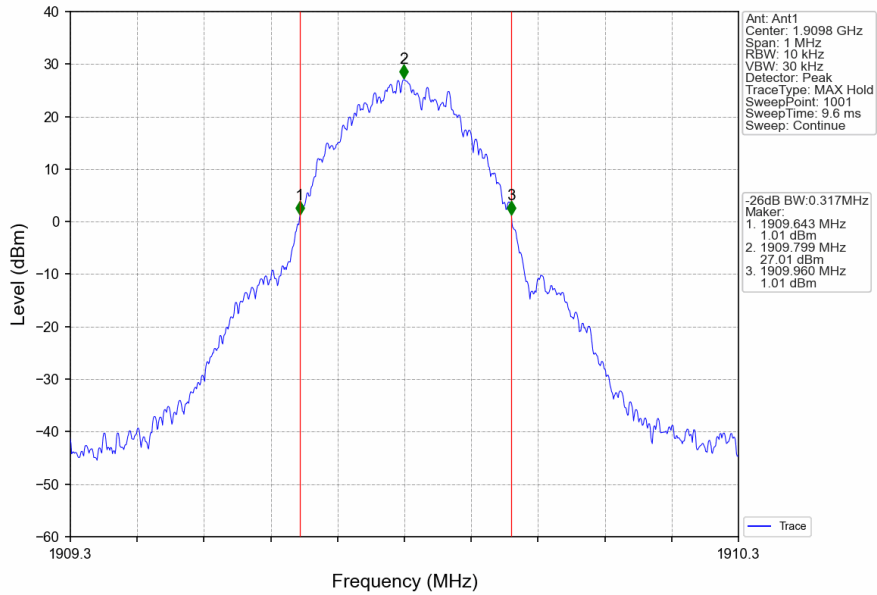


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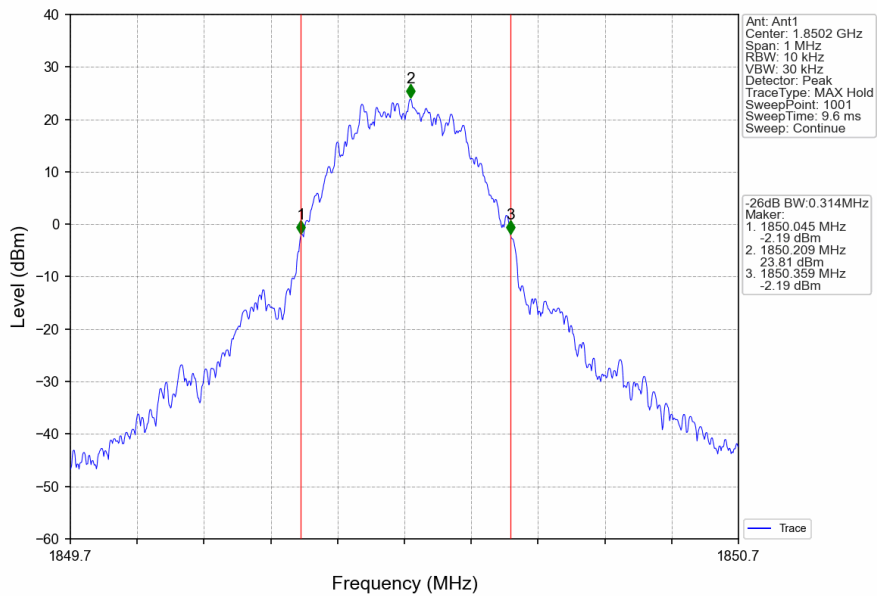


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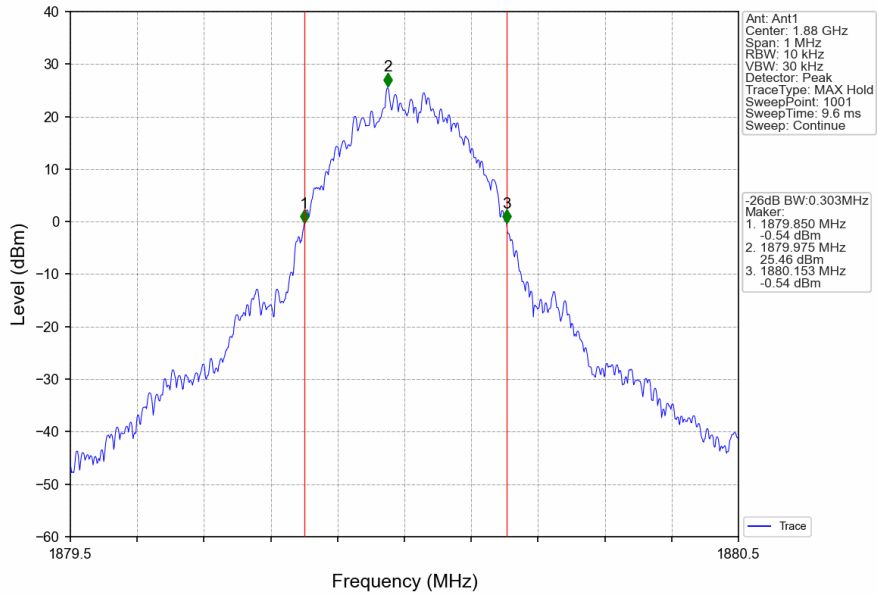


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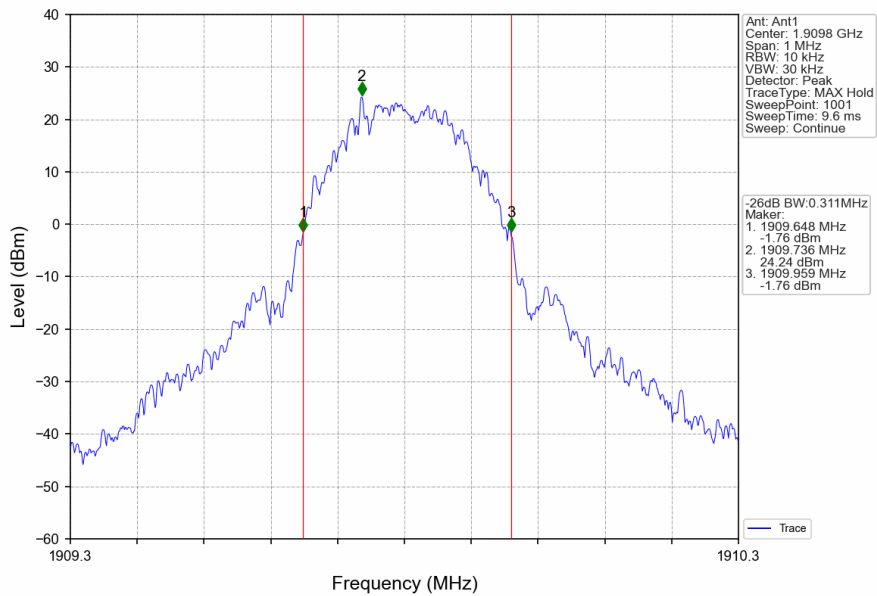


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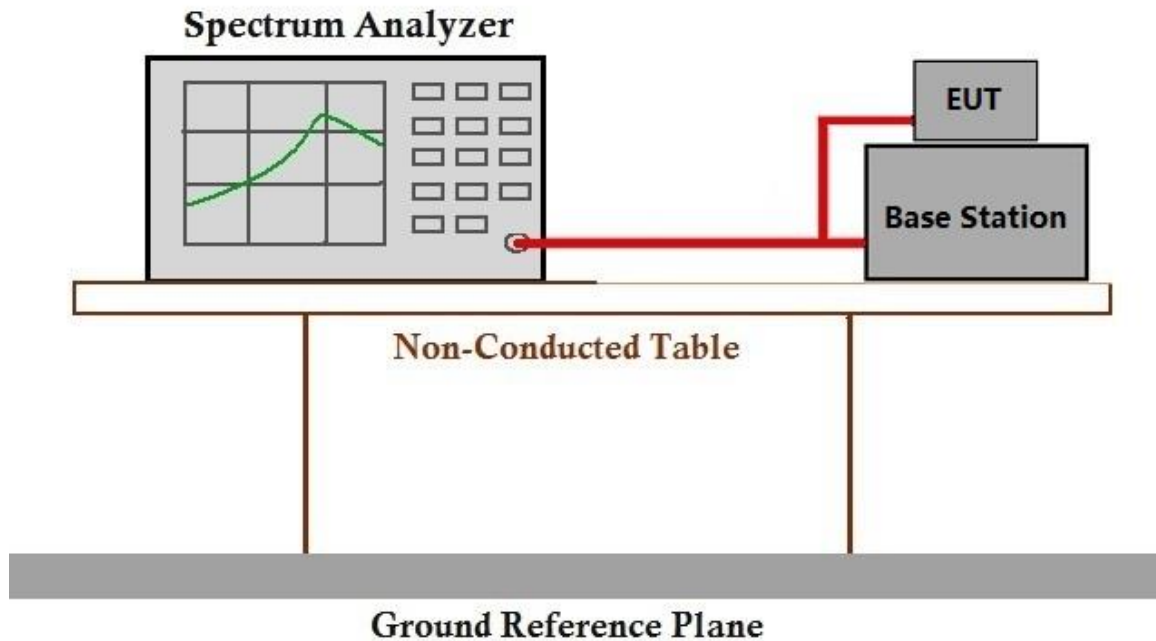
6.4 Band Edge Compliance

Test Requirement: §2.1051, §22.917, §24.238
 Test Method: ANSI C63.26-2015, KDB 971168 D01 v03r01
 Limit: ≤ -13dBm/1%*EBW, in 1 MHz bands immediately outside and adjacent to the frequency block.

6.4.1 E.U.T. Operation

Operating Environment:
 Temperature: 21.5 °C Humidity: 53.5 % RH Atmospheric Pressure: 1020 mbar
 Test mode: 30:TX mode_Keep the EUT in transmitting mode

6.4.2 Test Setup Diagram

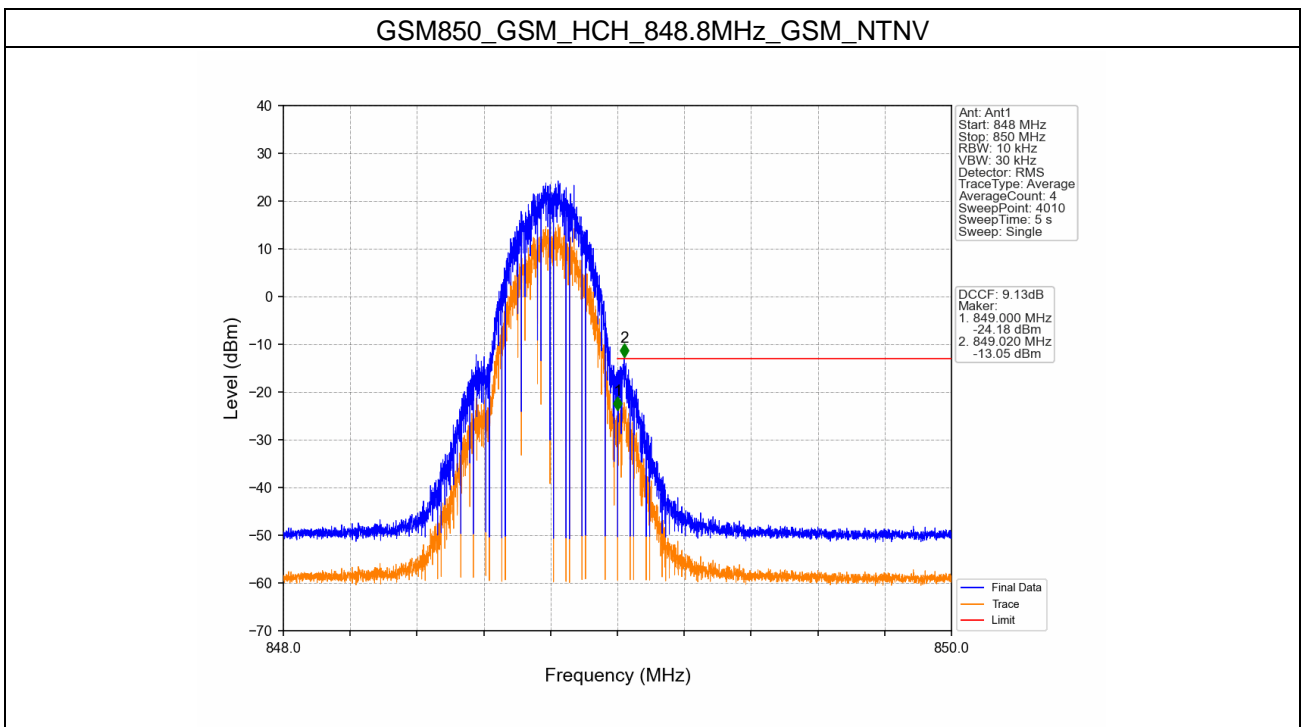
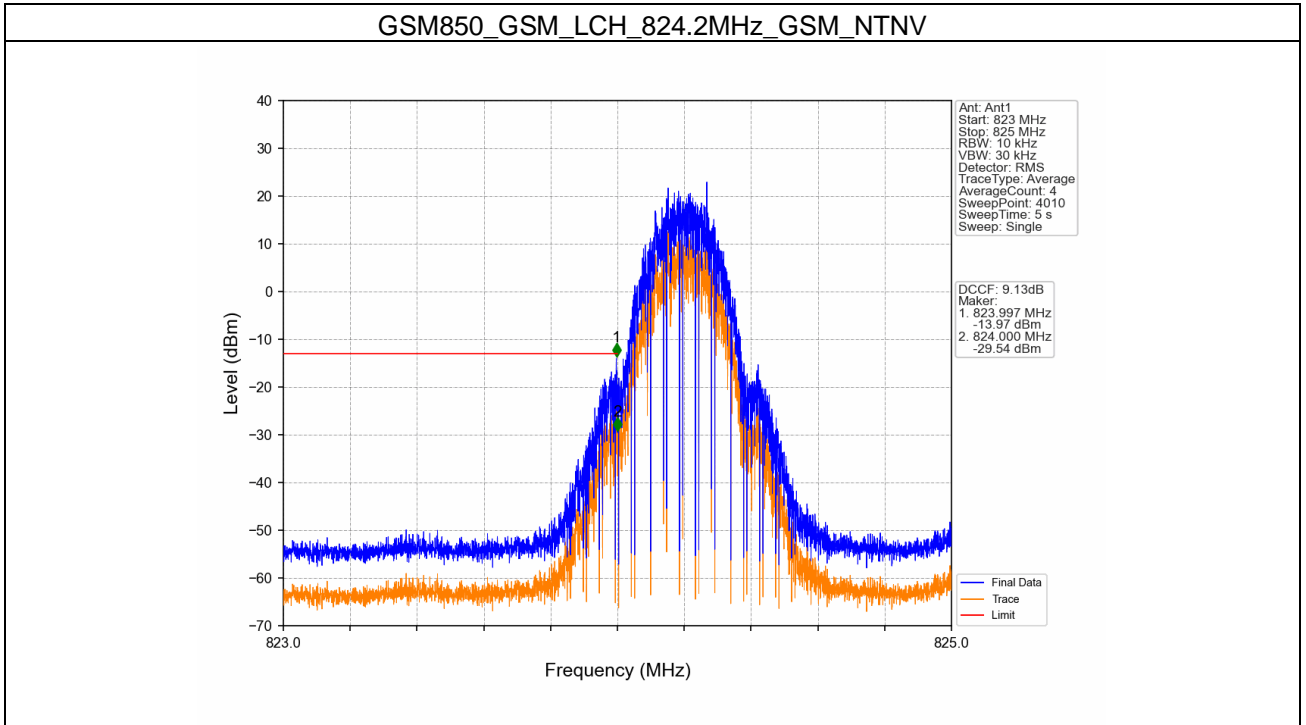


6.4.3 Measurement Data



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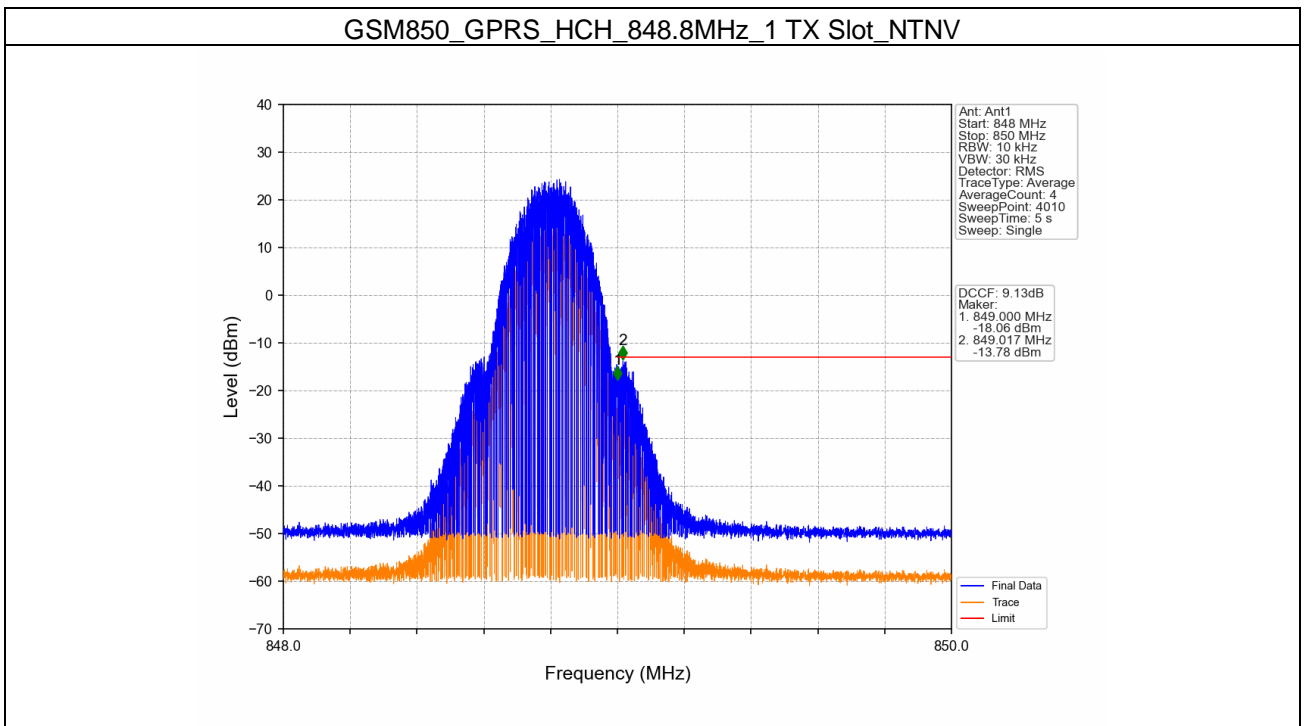
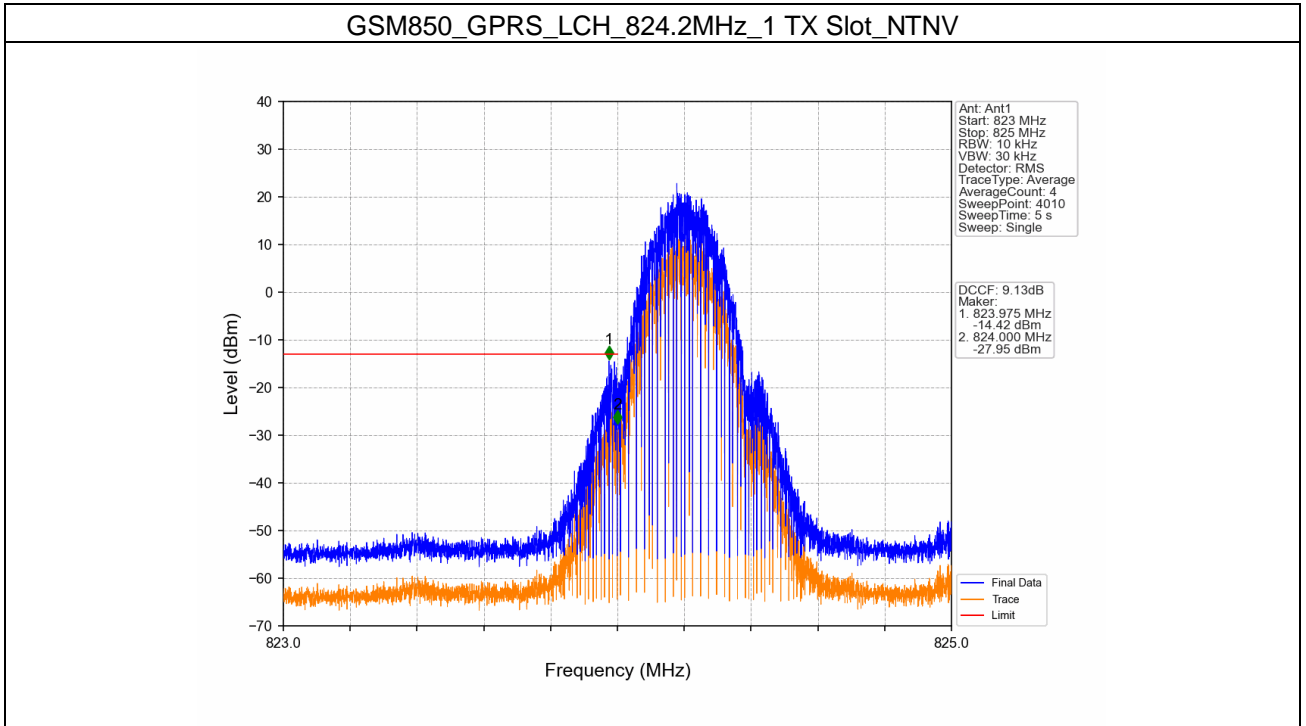
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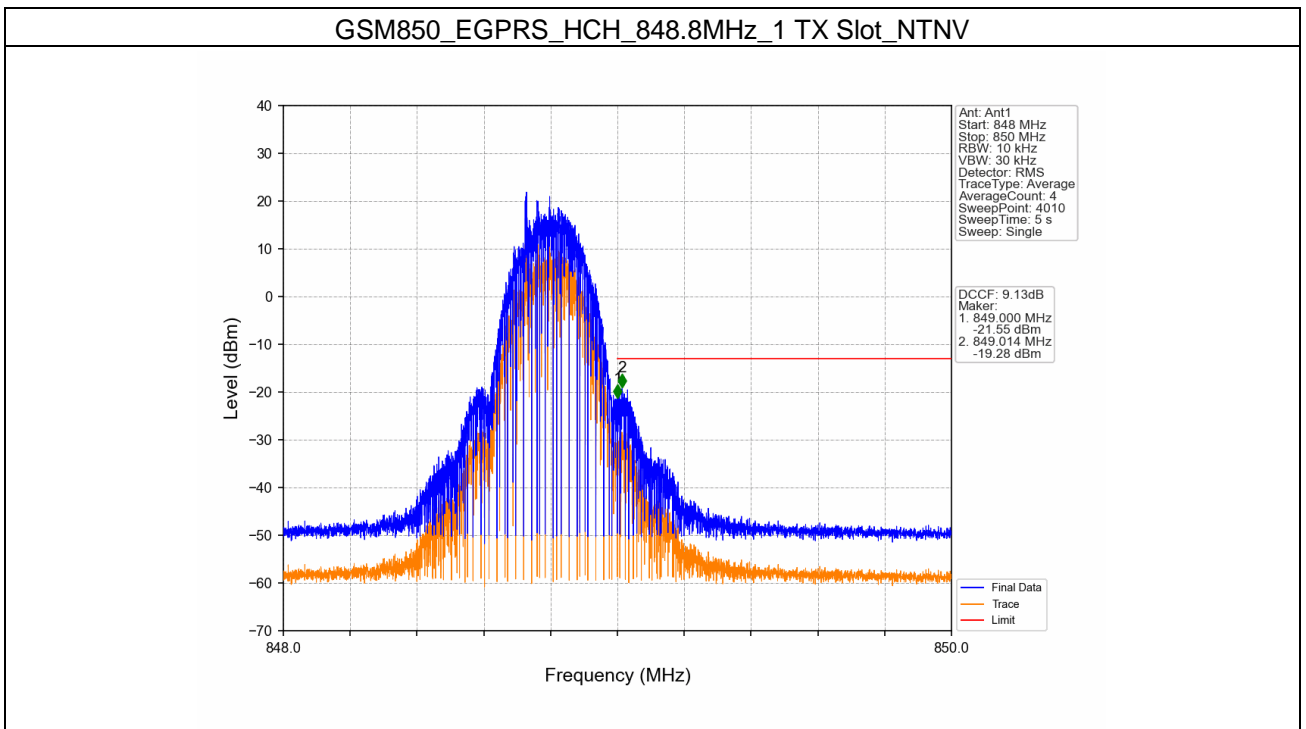
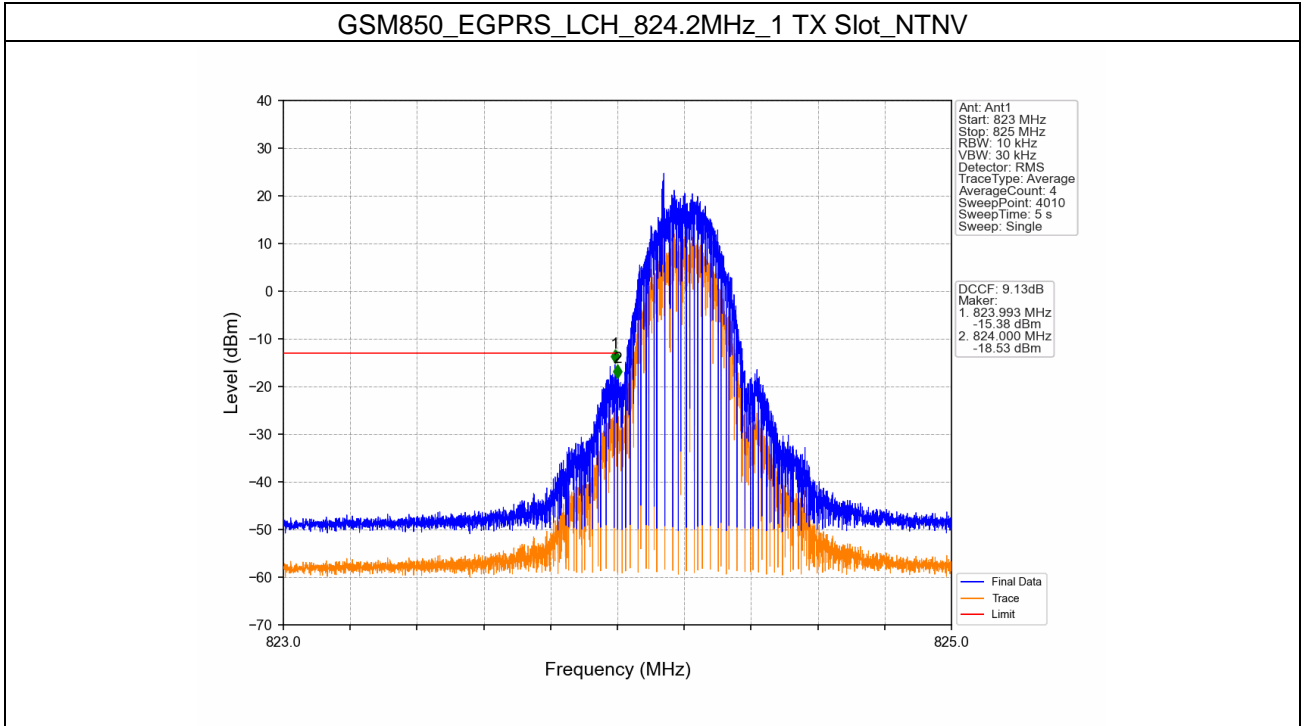
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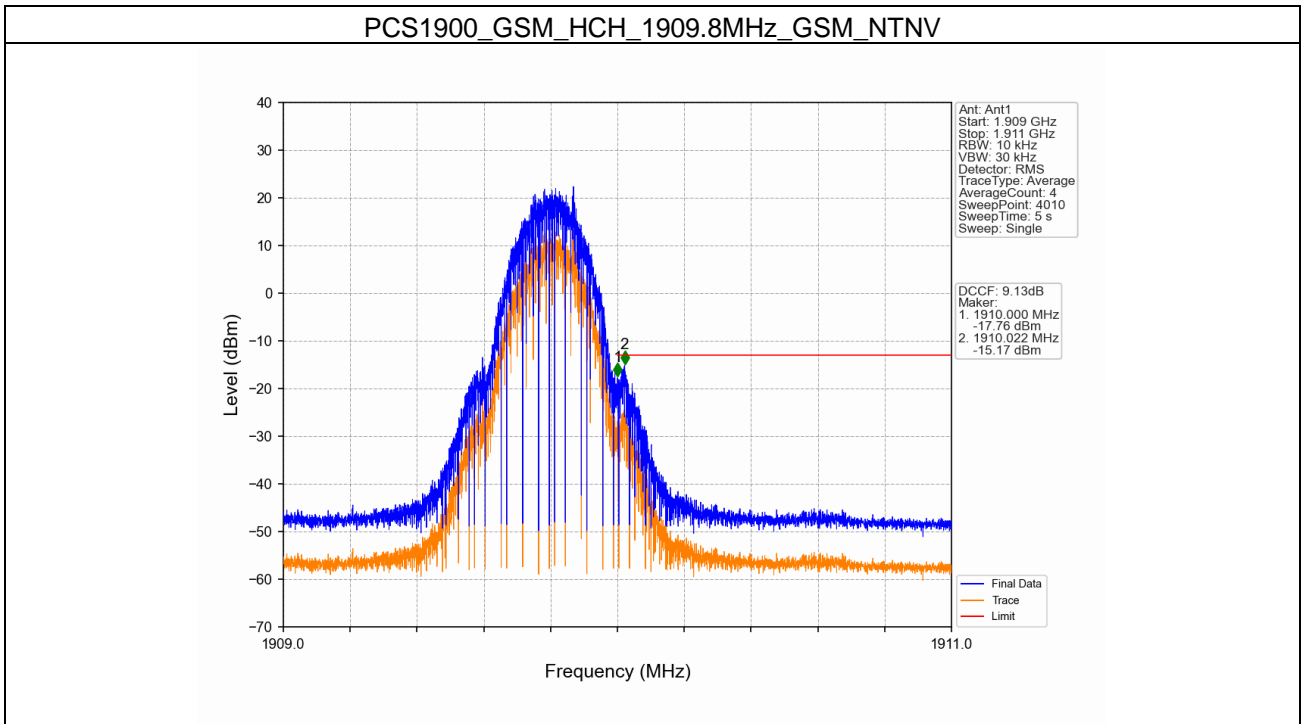
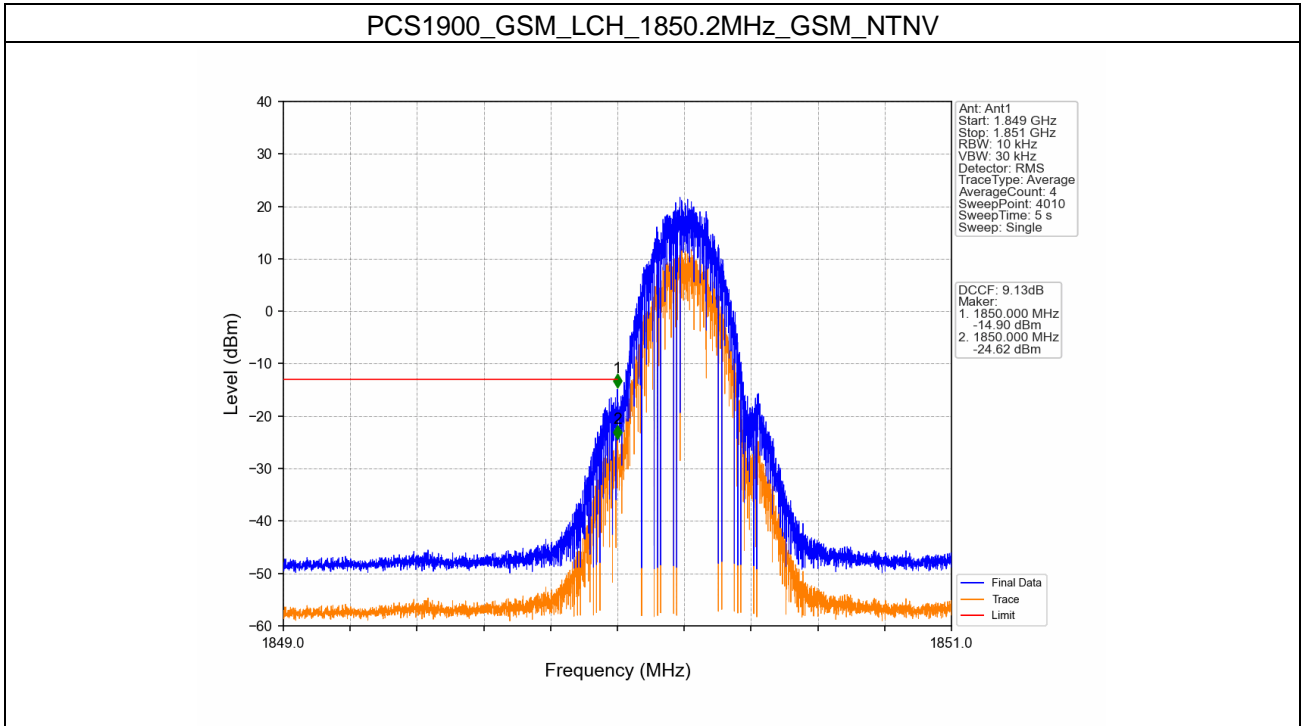
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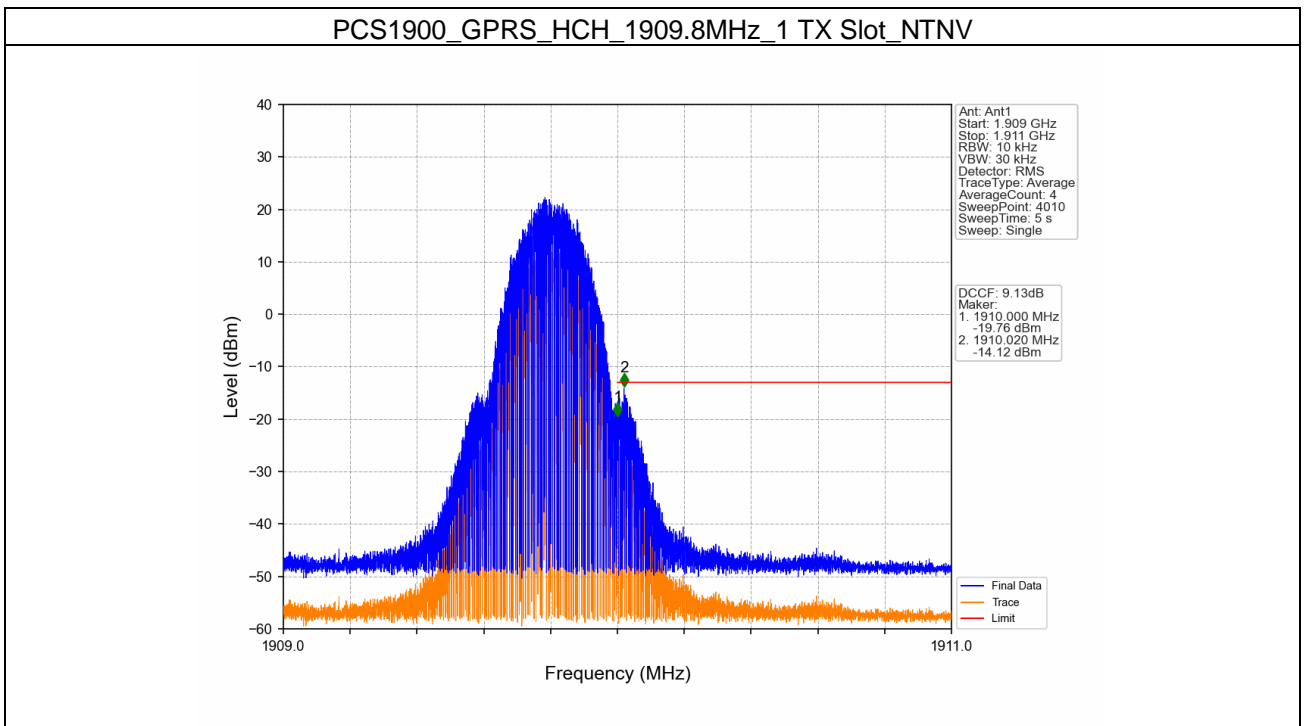
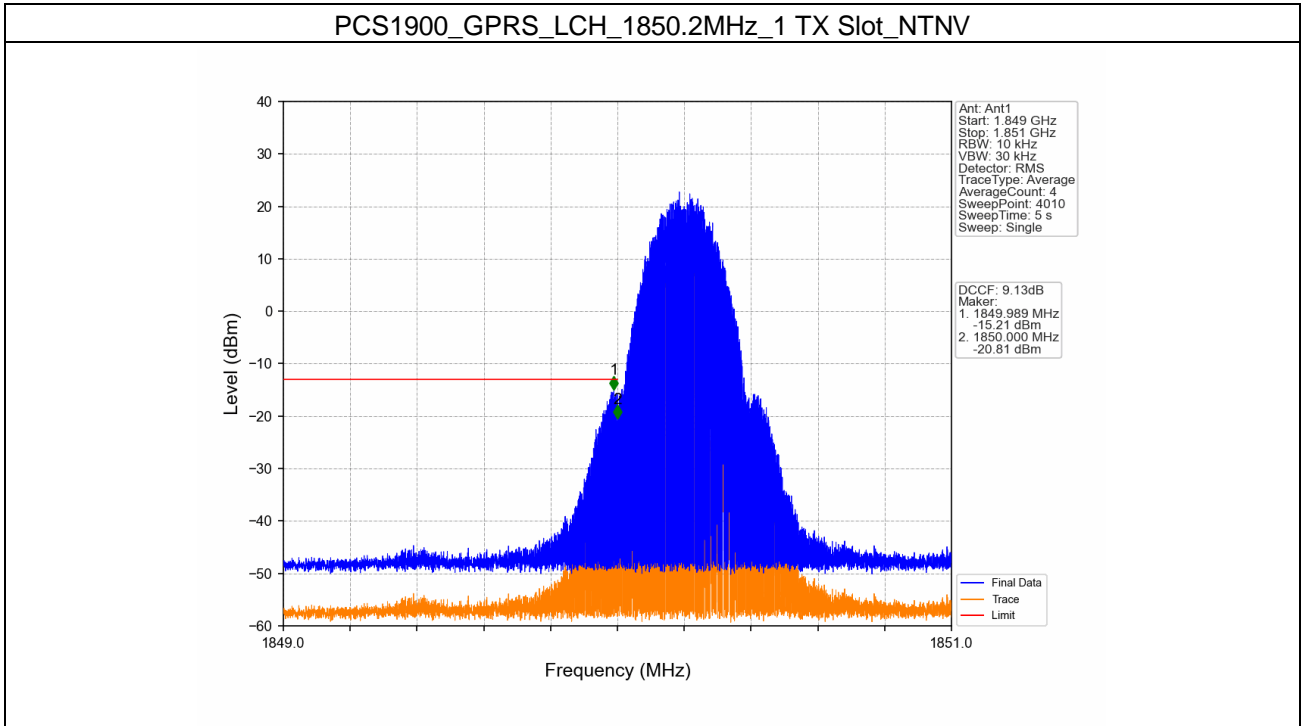
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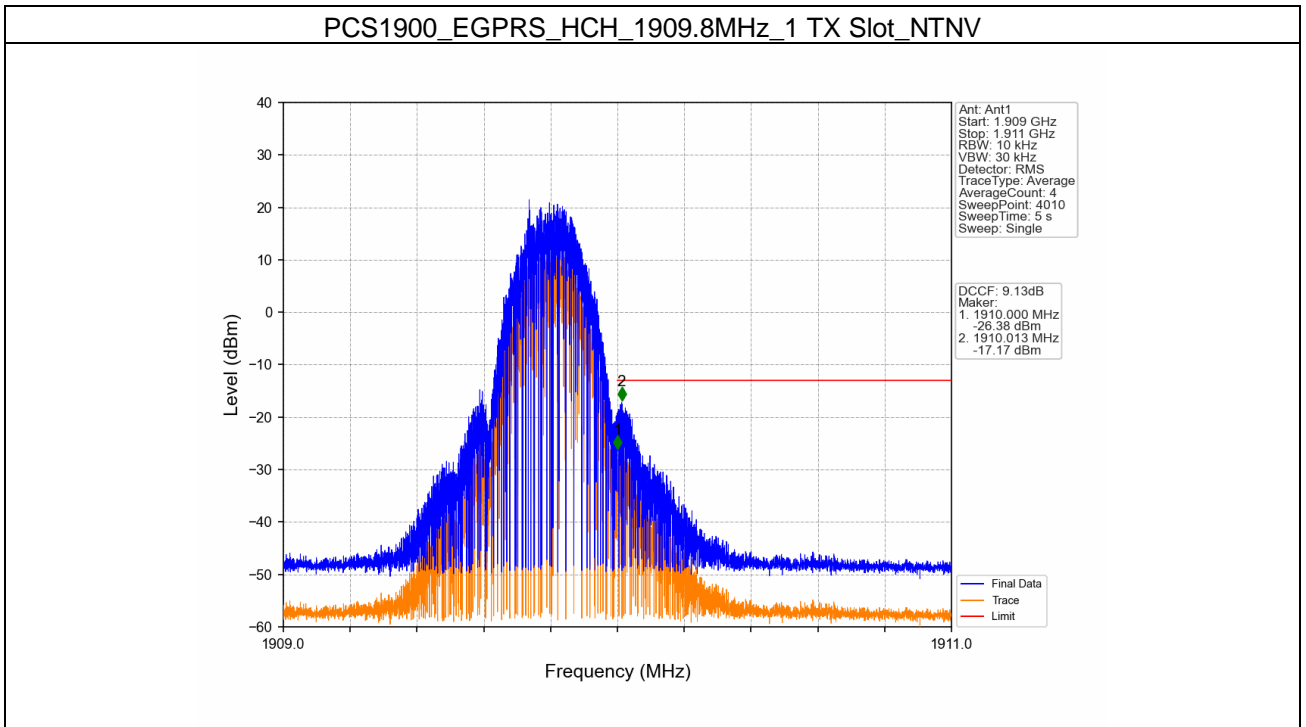
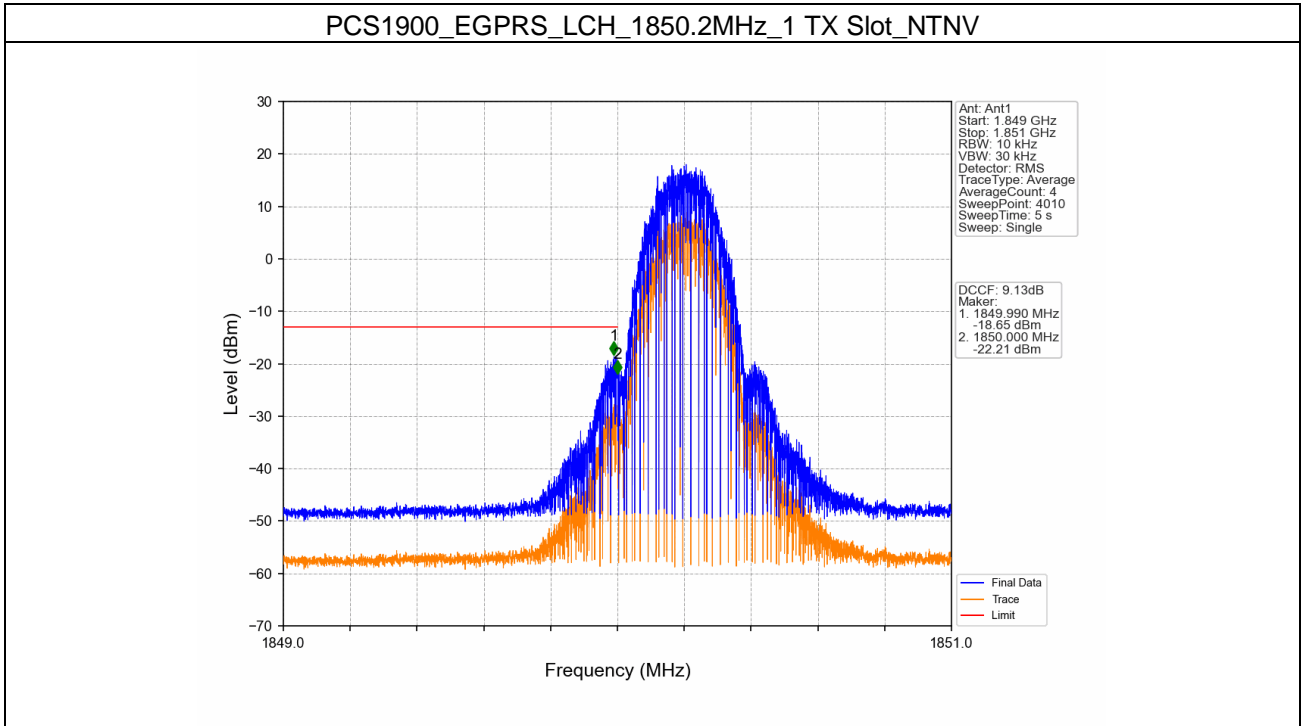
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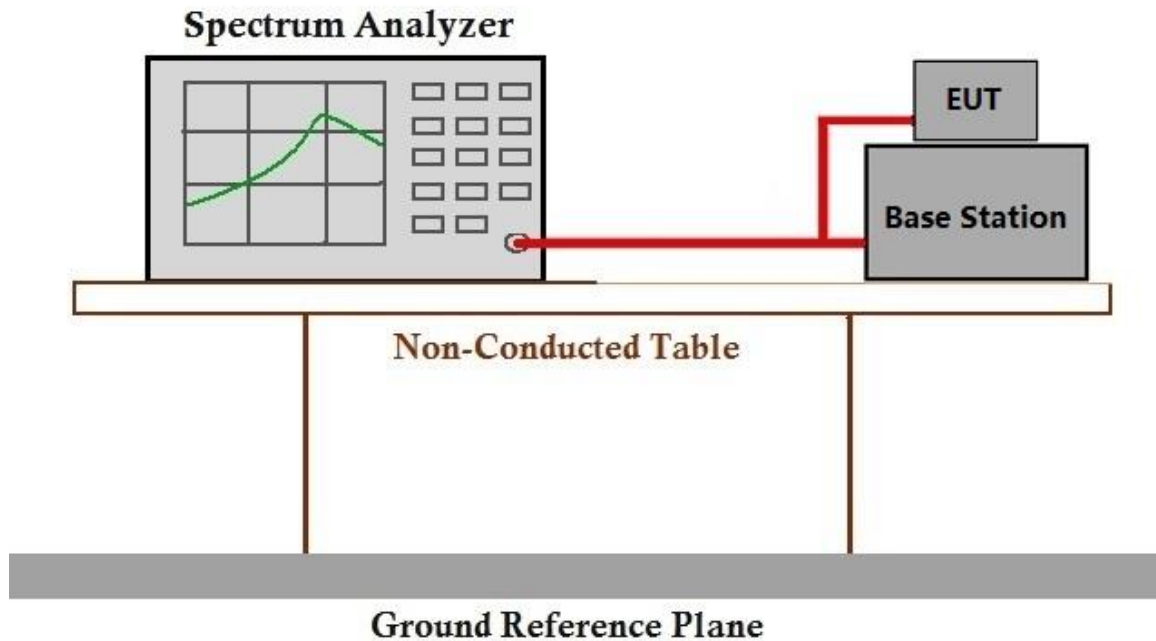
6.5 Spurious emissions at antenna terminals

Test Requirement: §2.1051, §22.917, §24.238
 Test Method: ANSI C63.26-2015, KDB 971168 D01 v03r01
 Limit: ≤ -13dBm

6.5.1 E.U.T. Operation

Operating Environment:
 Temperature: 21.5 °C Humidity: 53.5 % RH Atmospheric Pressure: 1020 mbar
 Test mode: 30:TX mode_Keep the EUT in transmitting mode

6.5.2 Test Setup Diagram



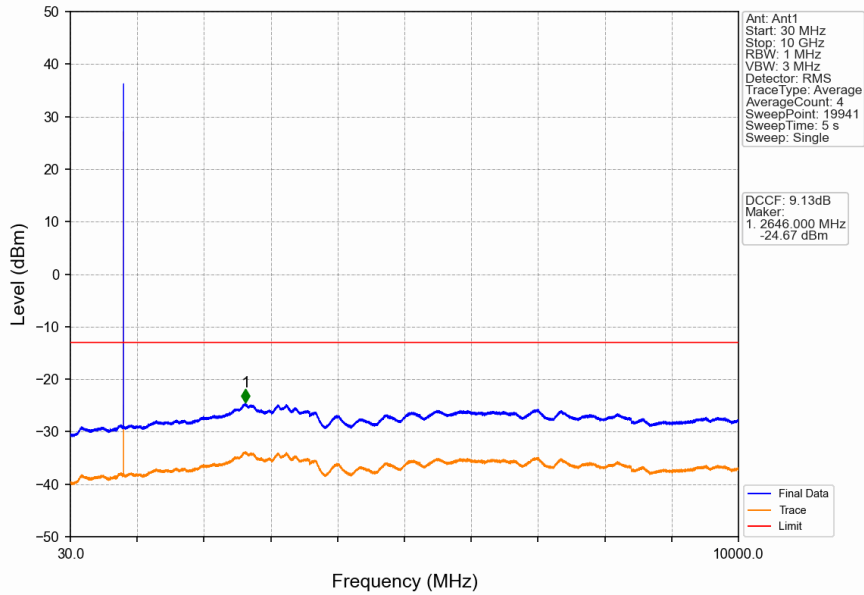
6.5.3 Measurement Data



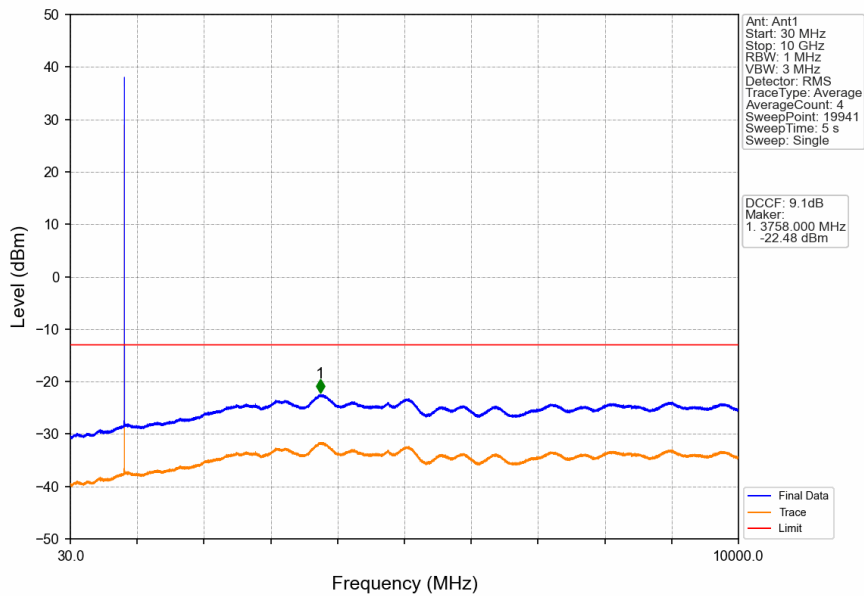
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GSM850_GSM_LCH_824.2MHz_GSM_NTNV

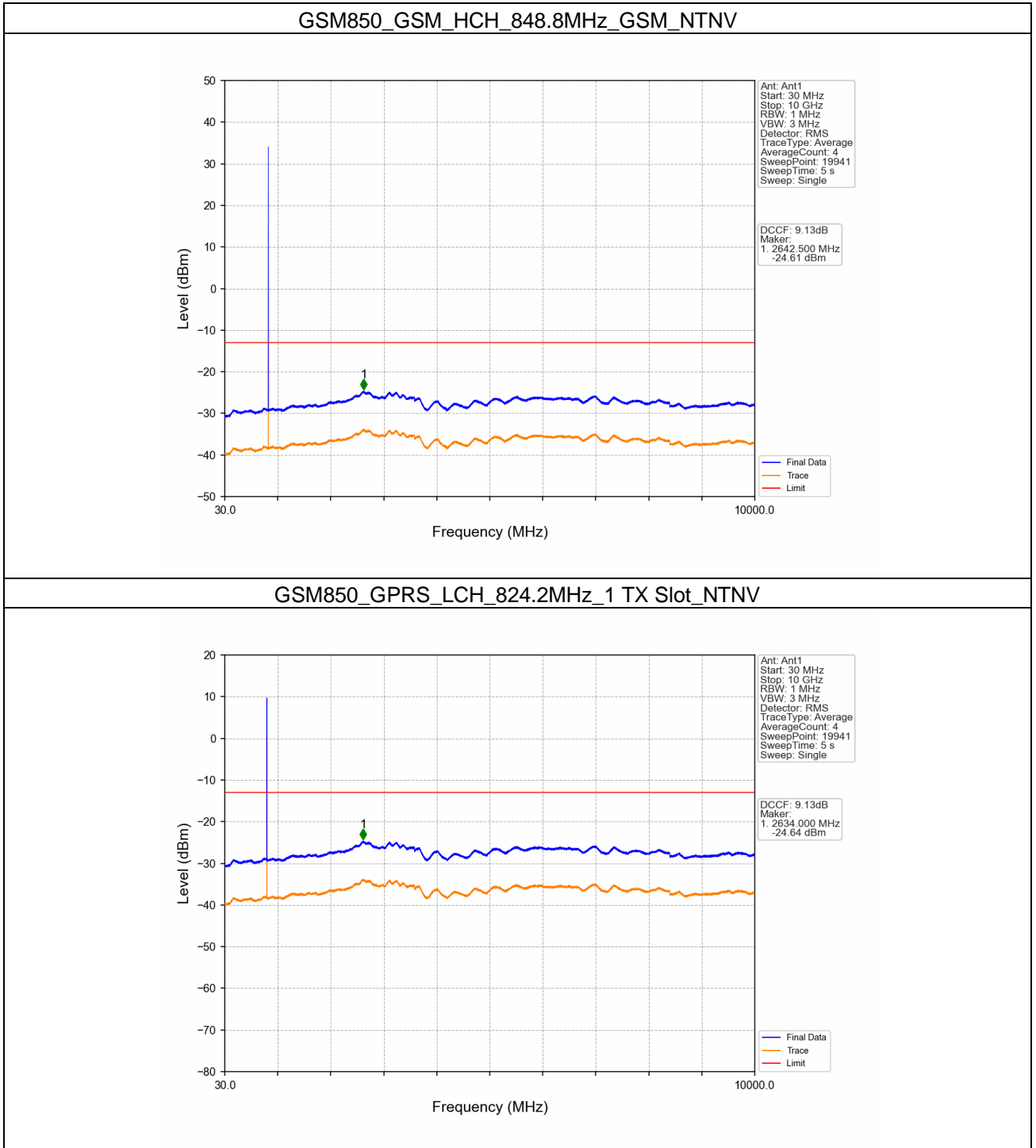


GSM850_GSM_MCH_836.6MHz_GSM_NTNV



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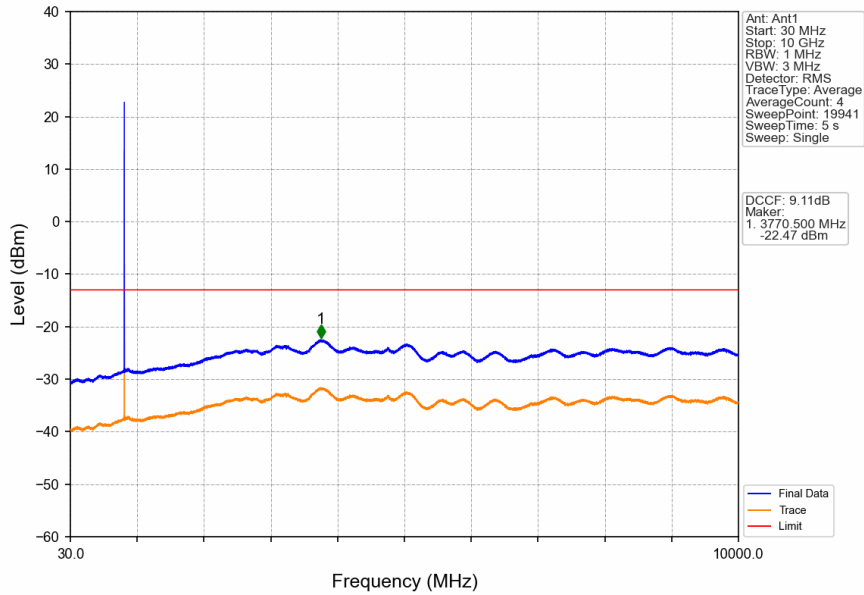
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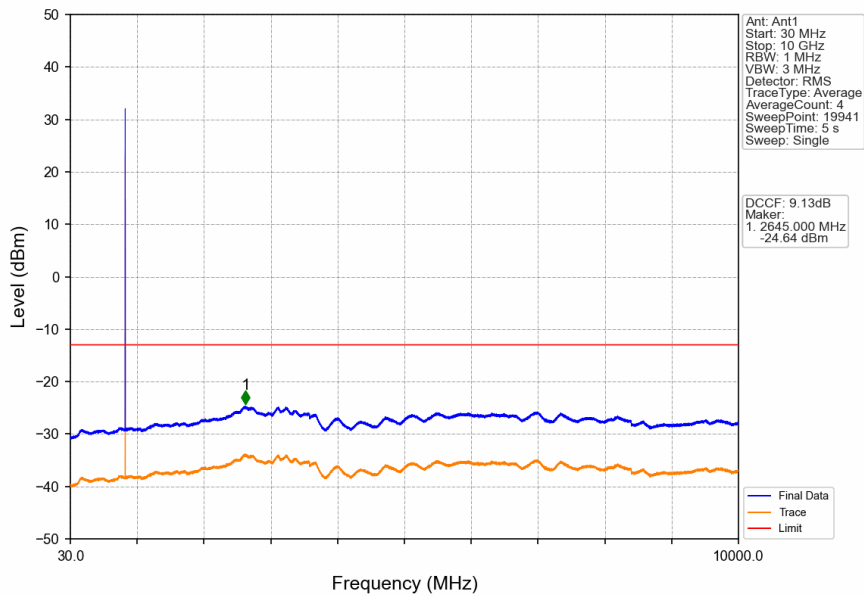
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GSM850_GPRS_MCH_836.6MHz_1 TX Slot_NTNV



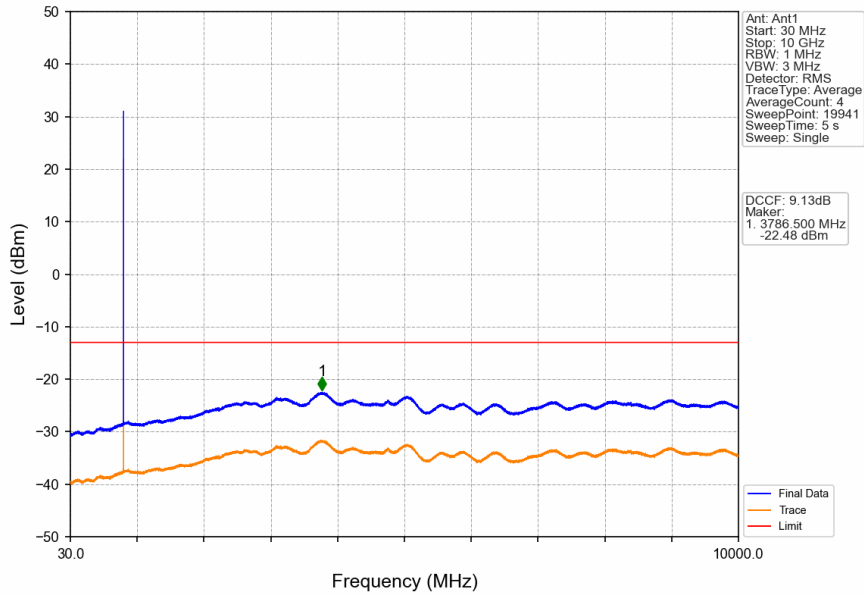
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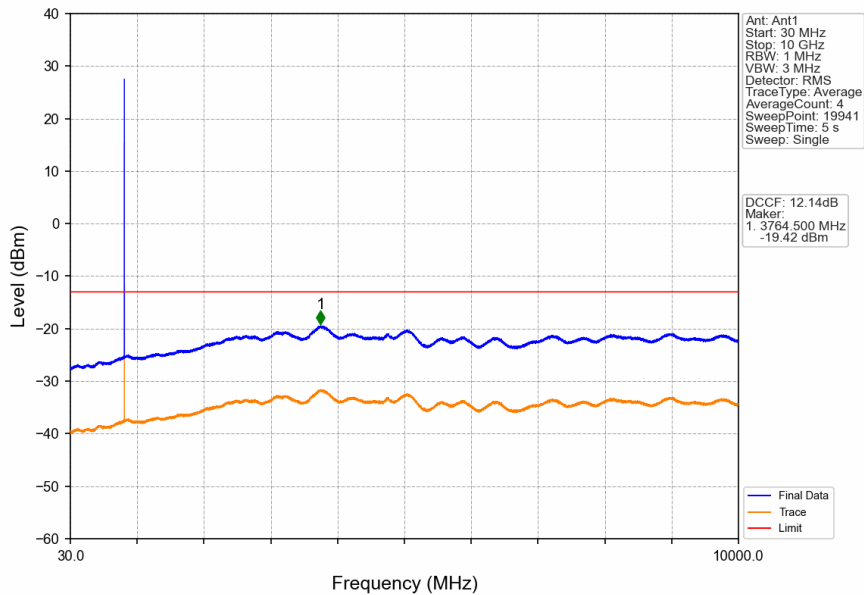
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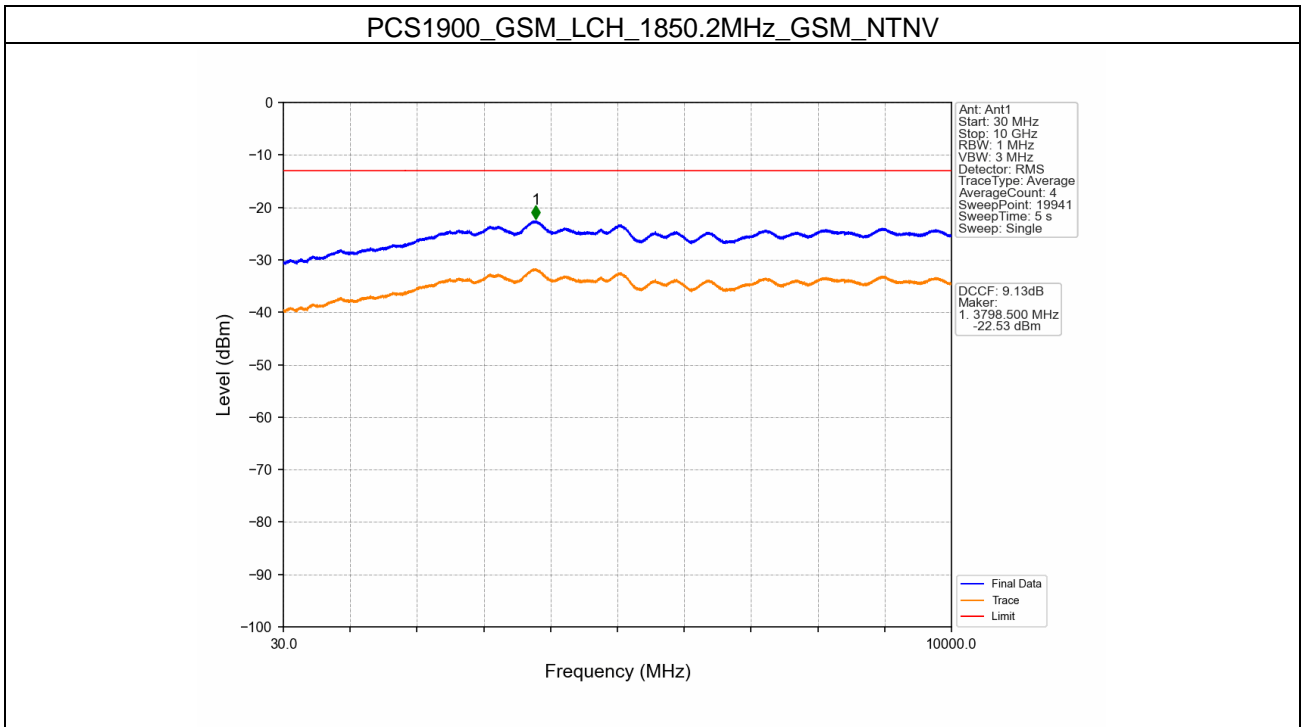
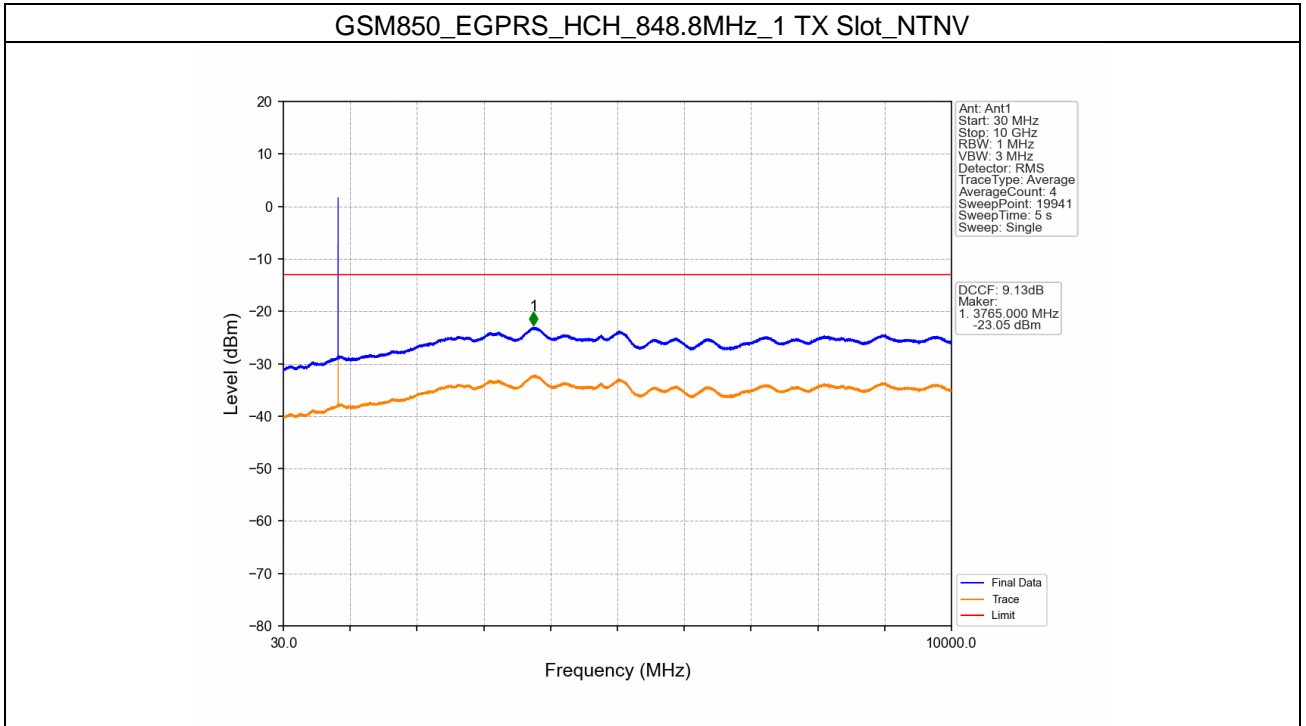
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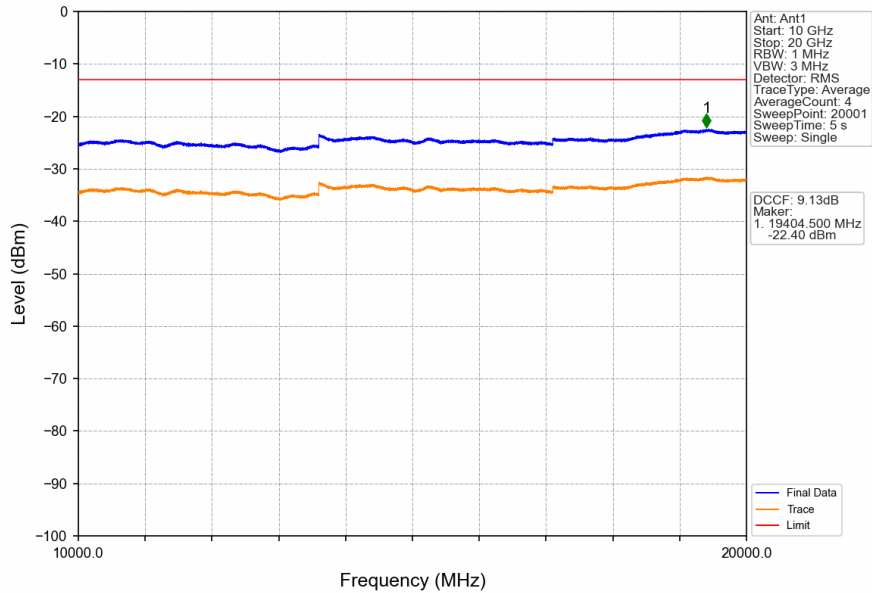


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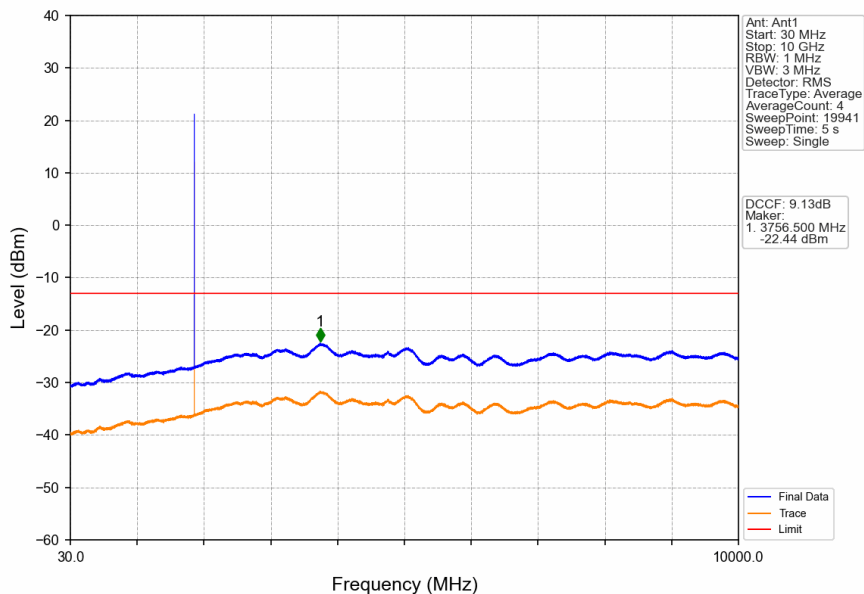


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PCS1900_GSM_LCH_1850.2MHz_GSM_NTNV

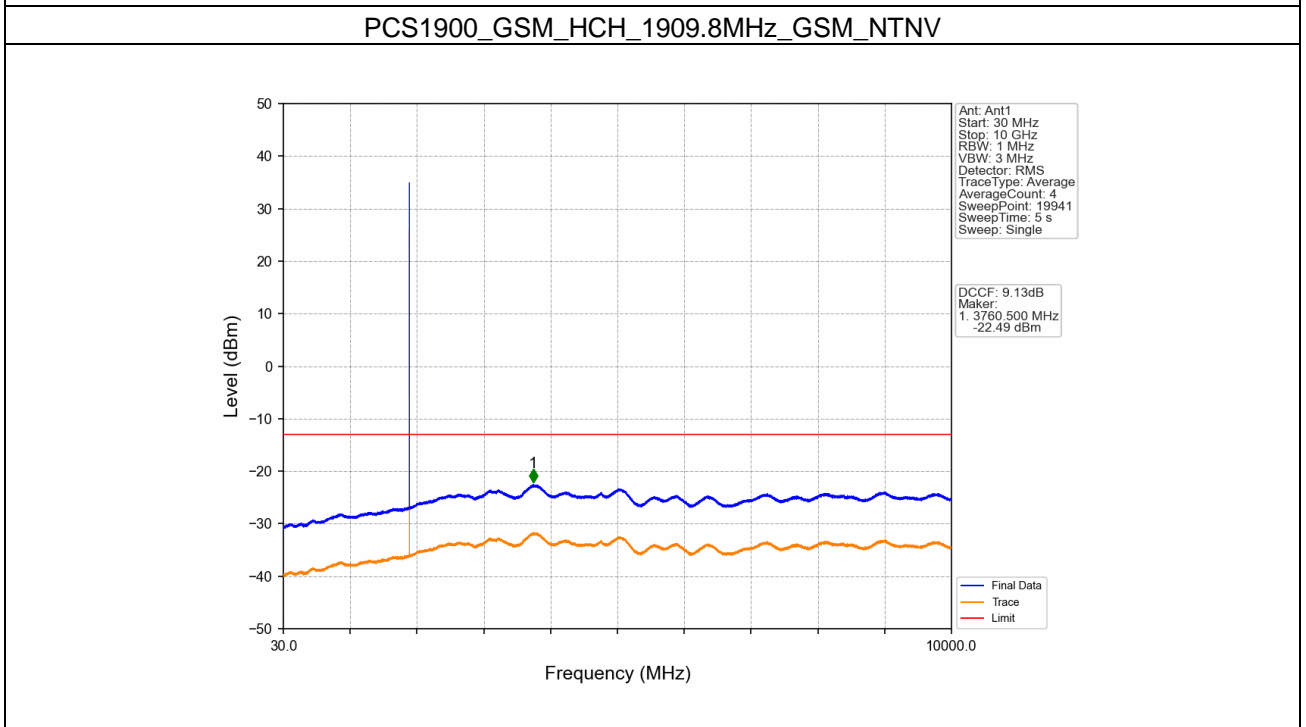
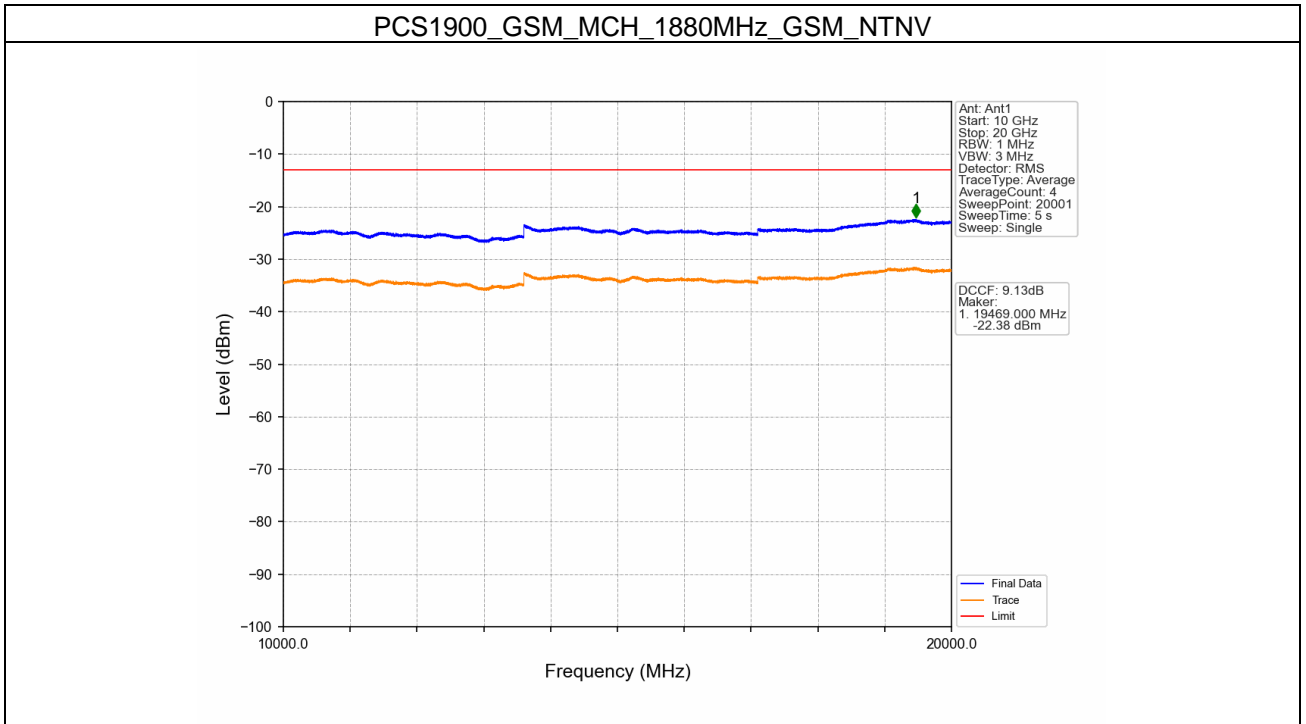


PCS1900_GSM_MCH_1880MHz_GSM_NTNV

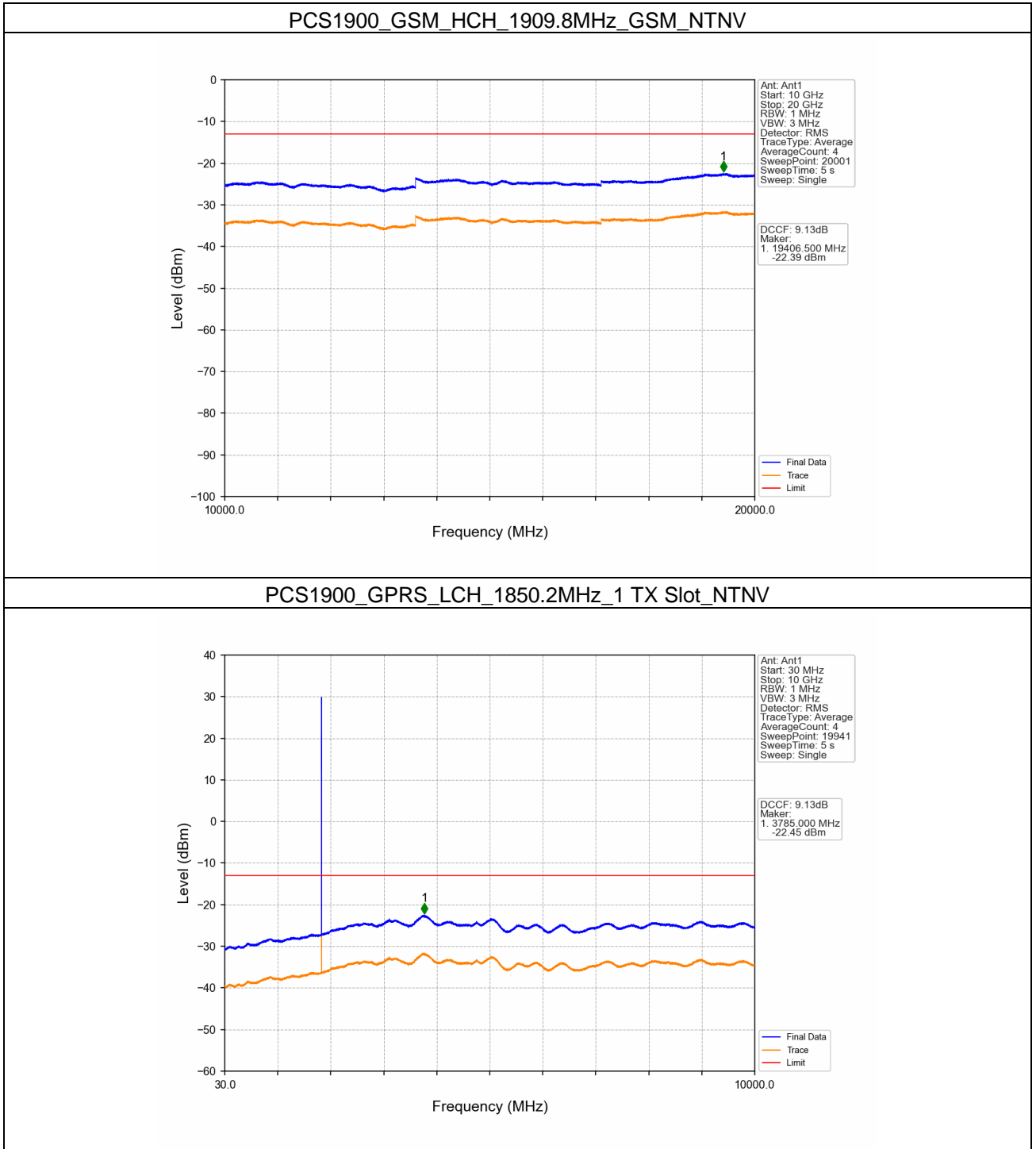


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