



Compliance Certification Services (Kunshan) Inc.

Report No.: KSCR221000185706

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TEST REPORT

Application No.: KSCR2210001857AT
FCC ID: 2AH25T6810
Applicant: Shanghai Sunmi Technology Co.,Ltd.
Address of Applicant: Room 505,No.388,Song Hu Road,Yang Pu District,Shanghai,China
Manufacturer: Shanghai Sunmi Technology Co.,Ltd.
Address of Manufacturer: Room 505,No.388,Song Hu Road,Yang Pu District,Shanghai,China
Equipment Under Test (EUT):
EUT Name: Smart POS system
Model No.: T6810
Trade mark: SUNMI
Standard(s) : 47 CFR Part 2
47 CFR Part 22 subpart H
47 CFR Part 24 subpart E
Date of Receipt: 2022-10-08
Date of Test: 2022-10-21 to 2022-11-17
Date of Issue: 2022-11-19

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

Eric Lin
Laboratory Manager



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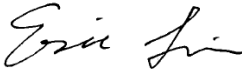
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Revision Record			
Version	Description	Date	Remark
00	Original	2022-11-19	/

Authorized for issue by:			
			
		Eric Liu /Project Engineer	
			
		Eric Lin /Reviewer	



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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(GSM1900)	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
Radiated spurious emissions	§2.1051, §22.917, §24.238	≤ -13dBm	PASS
Frequency stability	§2.1055, §22.355, §24.235	≤ ±2.5ppm.	PASS

Note:

The product is divided into high configuration version and basic configuration version.

SKU1: high configuration version, With code scanning probe, motor, front camera and MIC

SKU2: basic configuration version, Without code scanning probe, motor, front camera and MIC

Except for the above differences, everything else is the same.

After Pre-scan test, only SKU1 was tested since their differences.

After Pre-scan test, sim card 1 data is the worst, and only sim card 1 data is shown in the report.



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4 General Information

4.1 Details of E.U.T.

Power supply:	DC 5V 1A; DC 5V 2A
Adapter information:	Adapter 1: Model: TPA-46B050100UU Input: 100-240V~ 50/60Hz 0.2A Output: 5.0V 1.0A Adapter 2: Model: TPA-23A050200UU01 Input: 100-240V~ 50/60Hz 0.3A Output: 5.0V 2.0A Adapter 3: Model No.: UC11US PRI: 100-240V~50/60Hz 0.2A SEC: 5.0V 1.0A 5.0W
Battery information:	Model: TMPA 1ICP6/59/63 Nominal Voltage: 3.8V Limited Charge Voltage: 4.35V Rated Capacity: 2900mAh
Test voltage:	DC 3.8V
Serial Number:	PC04D28400081
Firmware version:	V1.0.0
Sample Type:	Portable production
Support Network:	GSM, GPRS, EGPRS
Operation Frequency Band:	GSM850/GSM1900
Modulation Type:	GMSK for GSM/GPRS/EGPRS 8PSK for EGPRS
GPRS Class:	12
EGPRS Class:	12
Antenna Type:	FPC Antenna
Antenna Gain:	GSM850: -1.60dBi (Provided by the manufacturer) GSM1900: -0.20dBi (Provided by the manufacturer)
Extreme temp. Tolerance:	-10°C to +50°C
Extreme vol. Limits:	3.46V DC to 4.35V DC (nominal: 3.8V DC)
IMEI:	863407060000893



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4.2 Test Frequency

Test mode:	TX / RX	RF Channel		
		Low (L)	Middle (M)	High (H)
GSM850	TX	Channel 128	Channel 190	Channel 251
		824.2MHz	836.6 MHz	848.8 MHz
	RX	Channel 128	Channel 190	Channel 251
		869.2 MHz	881.6 MHz	893.8 MHz
Test mode:	TX / RX	RF Channel		
		Low (L)	Middle (M)	High (H)
GSM1900	TX	Channel 512	Channel 661	Channel 810
		1850.2MHz	1880.0 MHz	1909.8 MHz
	RX	Channel 512	Channel 661	Channel 810
		1930.2 MHz	1960.0 MHz	1989.8 MHz

4.3 Test Environment

Environment Parameter	Selected Values During Tests	
Relative Humidity	48%	
Atmospheric Pressure:	101kPa	
Temperature:	TN	25 °C
Voltage:	VL	3.46V
	VN	3.80V
	VH	4.35V

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

4.4 Description of Support Units

The EUT has been tested as an independent unit.



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4.5 Measurement Uncertainty

No.	Item	Measurement Uncertainty
1	Radio Frequency	8.4×10^{-8}
2	Timeout	2s
3	Duty Cycle	0.37%
4	Occupied Bandwidth	3%
5	RF Conducted Power	0.6dB
6	RF Power Density	2.9dB
7	Conducted Spurious Emissions	0.75dB
8	RF Radiated Power	5.2dB (Below 1GHz)
		5.9dB (Above 1GHz)
		4.2dB (Below 30MHz)
		4.5dB (30MHz-1GHz)
		5.1dB (1GHz-18GHz)
9	Radiated Spurious Emission Test	5.4dB (Above 18GHz)
		10
		11
		12
10	Temperature Test	1°C
11	Humidity Test	3%
12	Supply Voltages	1.5%
13	Time	3%

Note: The measurement uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.



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4.6 Test Location

All tests were performed at:

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No.10 Weiye Rd, Innovation park, Eco&Tec, Development Zone, Kunshan City, Jiangsu, China.

Tel: +86 512 5735 5888 Fax: +86 512 5737 0818

No tests were sub-contracted.

Note:

1. SGS is not responsible for wrong test results due to incorrect information (e.g., max. internal working frequency, antenna gain, cable loss, etc) is provided by the applicant. (If applicable).
2. SGS is not responsible for the authenticity, integrity and the validity of the conclusion based on results of the data provided by applicant. (If applicable).

4.7 Test Facility

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

• A2LA

Compliance Certification Services (Kunshan) Inc. is accredited by the American Association for Laboratory Accreditation (A2LA). Certificate No. 2541.01.

• FCC

Compliance Certification Services (Kunshan) Inc. has been recognized as an accredited testing laboratory. Designation Number: CN1172.

• ISED

Compliance Certification Services (Kunshan) Inc. has been recognized by Innovation, Science and Economic Development Canada (ISED) as an accredited testing laboratory. Company Number: 2324E

• VCCI

The 3m and 10m Semi-anechoic chamber and Shielded Room of Compliance Certification Services (Kunshan) Inc. has been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: R-20134, R-11600, C-11707, T-11499, G-10216 respectively.

4.8 Deviation from Standards

None

4.9 Abnormalities from Standard Conditions

None



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5 Equipment List

Item	Equipment	Manufacturer	Model	Inventory No	Cal Date	Cal. Due Date
RF Conducted Test						
1	Spectrum Analyzer	Keysight	N9020A	KUS1911E004-2	08/22/2022	08/21/2023
2	Spectrum Analyzer	Keysight	N9020A	KUS2001M001-2	08/22/2022	08/21/2023
3	Spectrum Analyzer	Keysight	N9030B	KSEM021-1	01/22/2022	01/21/2023
4	Signal Generator	R&S	SMW200A	KSEM020-1	08/22/2022	08/21/2023
5	Signal Generator	Agilent	N5182A	KUS2001M001-1	08/22/2022	08/21/2023
6	Radio Communication Test Station	Anritsu	MT8000A	KSEM001-1	08/22/2022	08/21/2023
7	Radio Communication Analyzer	Anritsu	MT8821C	KSEM002-1	04/01/2022	03/31/2023
8	Universal Radio Communication Tester	R&S	CMW500	KUS1911E004-1	08/22/2022	08/21/2023
9	Switcher	CCSRF	FY562	KUS2001M001-3	08/22/2022	08/21/2023
10	AC Power Source	EXTECH	6605	KS301178	N.C.R	N.C.R
11	DC Power Supply	Aglient	E3632A	KS301180	N.C.R	N.C.R
12	Conducted Test Cable	Thermax	RF01-RF04	CZ301111-CZ301120	01/16/2022	01/15/2023
13	Temp. / Humidity Chamber	TERCHY	MHK-120AK	KS301190	04/01/2021	03/31/2023
14	Temperature & Humidity Recorder	Renke Control	RS-WS-N01-6J	KSEM024-5	04/14/2022	04/13/2023
15	Software	BST	TST-PASS	/	N/A	N/A
RF Radiated Test						
1	Spectrum Analyzer	R&S	FSV40	KUS1806E003	08/22/2022	08/21/2023
2	Universal Radio Communication Tester	R&S	CMW500	KSEM009-1	04/01/2022	03/31/2023
3	Signal Generator	Agilent	E8257C	KS301066	08/22/2022	08/21/2023
4	Loop Antenna	COM-POWER	AL-130R	KUS1806E001	04/13/2021	04/12/2023
5	Bilog Antenna	TESEQ	CBL 6112D	KUS1806E005	06/29/2021	06/28/2023
6	Bilog Antenna	SCHWARZBECK	VULB9160	CZ301016	04/13/2021	04/12/2024
7	Horn-antenna(1-18GHz)	Schwarzbeck	BBHA9120D	KS301079	04/02/2022	04/01/2024
8	Horn-antenna(1-18GHz)	ETS-LINDGREN	3117	KS301186	02/22/2021	02/21/2023
9	Horn Antenna(18-40GHz)	Schwarzbeck	BBHA9170	CZ301058	03/17/2022	03/16/2023
10	Amplifier(30MHz~18GHz)	PANSHAN TECHNOLOGY	LNA:1~18G	KSEM010-1	01/22/2022	01/21/2023
11	Amplifier(18~40GHz)	COM-POWER	PAM-840A	KUS1710E001	01/22/2022	01/21/2023
12	RE Test Cable	REBES MICROWAVE	/	CZ301097	11/13/2022	11/12/2023
13	Temperature & Humidity Recorder	Renke Control	RS-WS-N01-6J	KSEM024-4	01/04/2022	31/03/2023
14	Software	Faratron	EZ_EMC-v 3A1	/	N/A	N/A



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6 Radio Spectrum Matter Test Results

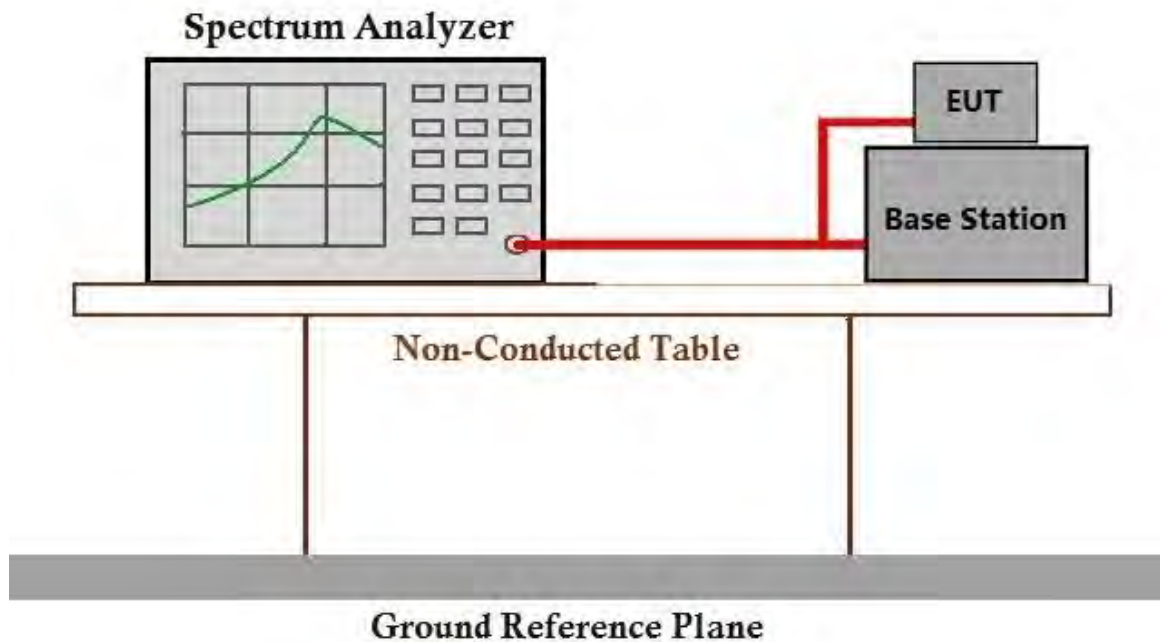
6.1 Effective (Isotropic) Radiated Power Output Data

Test Requirement: §2.1046, §22.913, §24.232
 Test Method: ANSI C63.26, KDB 971168 D01 v03
 Limit: $ERP \leq 7W(GSM850); EIRP \leq 2W(GSM1900)$

6.1.1 E.U.T. Operation

Operating Environment:
 Temperature: 22.7 °C Humidity: 68.2 % RH Atmospheric Pressure: 1030 mbar
 Test mode: Tx mode, Keep the EUT in transmitting mode.

6.1.2 Test Setup Diagram



6.1.3 Measurement Data

Please Refer to Appendix for Details



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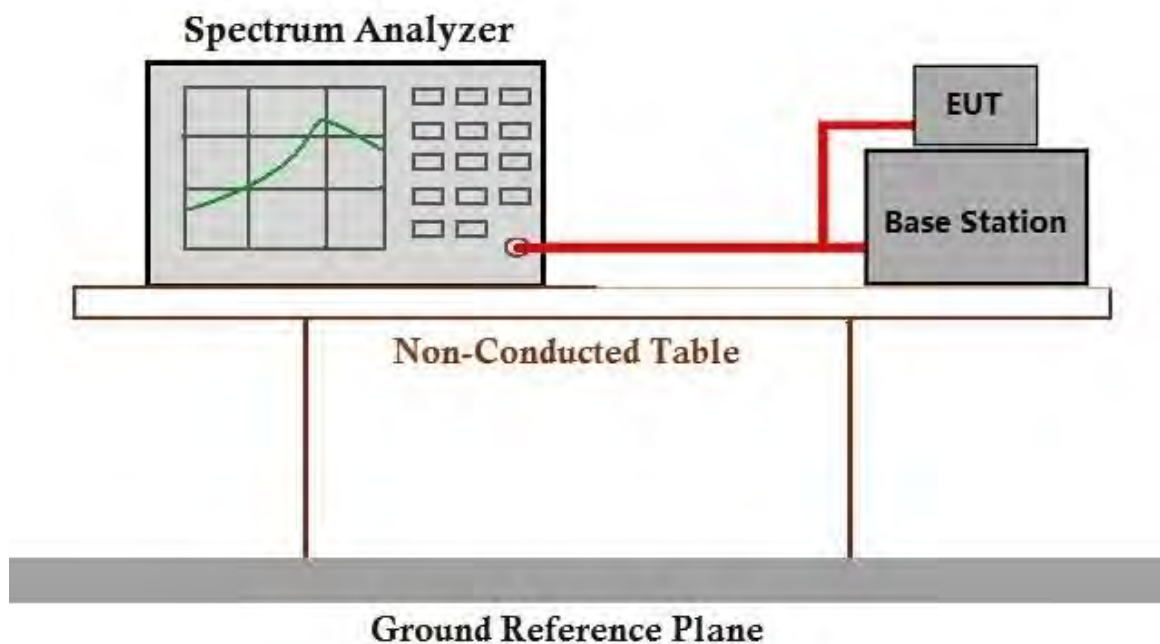
6.2 Peak-Average Ratio

Test Requirement: §24.232
 Test Method: ANSI C63.26, KDB 971168 D01 v03
 Limit: ≤13dB

6.2.1 E.U.T. Operation

Operating Environment:
 Temperature: 22.7 °C Humidity: 68.2 % RH Atmospheric Pressure: 1030 mbar
 Test mode: Tx mode, Keep the EUT in transmitting mode.

6.2.2 Test Setup Diagram



6.2.3 Measurement Data

Please Refer to Appendix for Details



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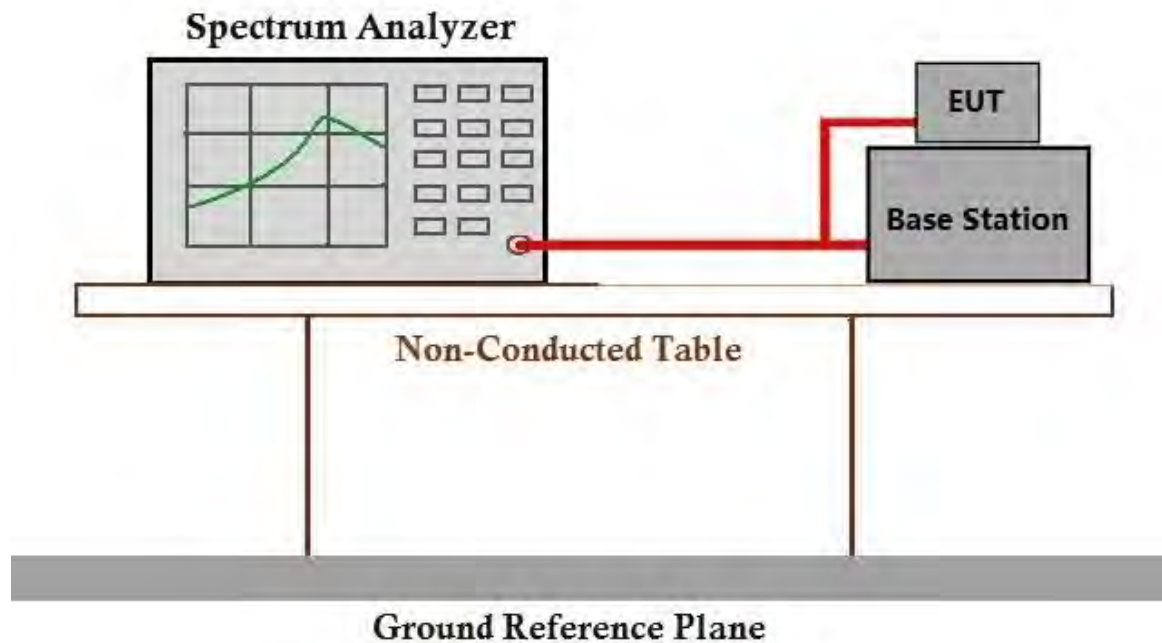
6.3 Bandwidth

Test Requirement: §2.1049(h), §22.917, §24.238
 Test Method: ANSI C63.26, KDB 971168 D01 v03
 Limit: OBW: No limit
 EBW: No limit

6.3.1 E.U.T. Operation

Operating Environment:
 Temperature: 22.7 °C Humidity: 68.2 % RH Atmospheric Pressure: 1030 mbar
 Test mode: Tx mode, Keep the EUT in transmitting mode.

6.3.2 Test Setup Diagram



6.3.3 Measurement Data

Please Refer to Appendix for Details



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6.4 Band Edge Compliance

Test Requirement: §2.1051, §22.917, §24.238

Test Method: ANSI C63.26, KDB 971168 D01 v03

Limit: $\leq -13\text{dBm}/1\% \cdot \text{EBW}$, in 1 MHz bands immediately outside and adjacent to the frequency block.

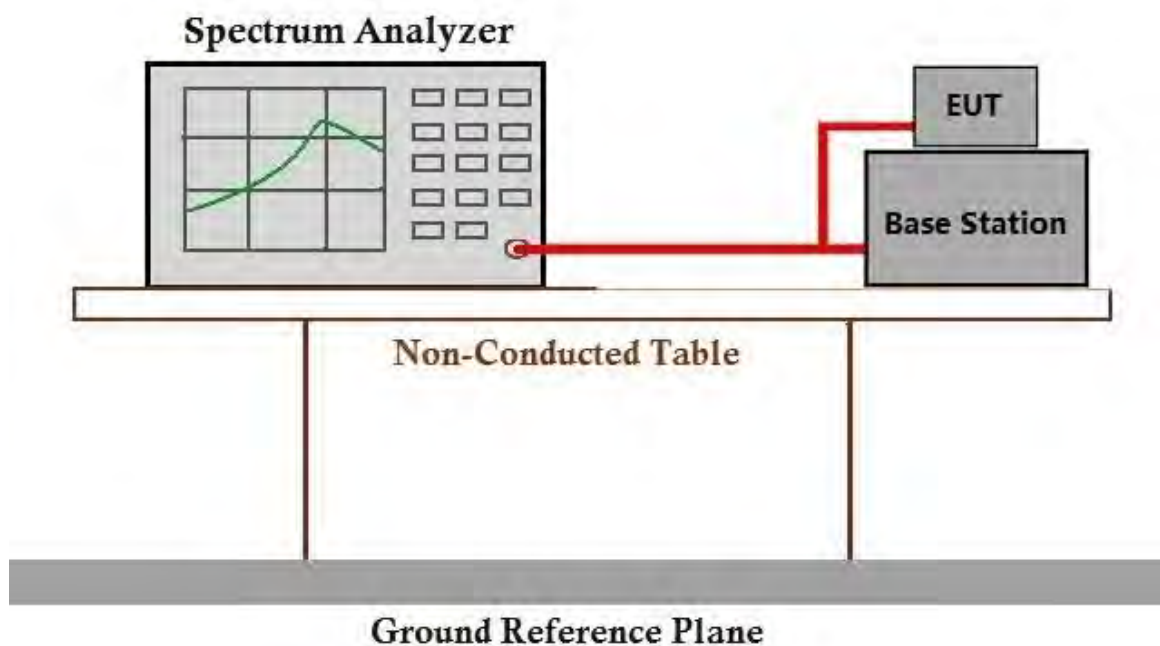
6.4.1 E.U.T. Operation

Operating Environment:

Temperature: 22.7 °C Humidity: 68.2 % RH Atmospheric Pressure: 1030 mbar

Test mode: Tx mode, Keep the EUT in transmitting mode.

6.4.2 Test Setup Diagram



6.4.3 Measurement Data

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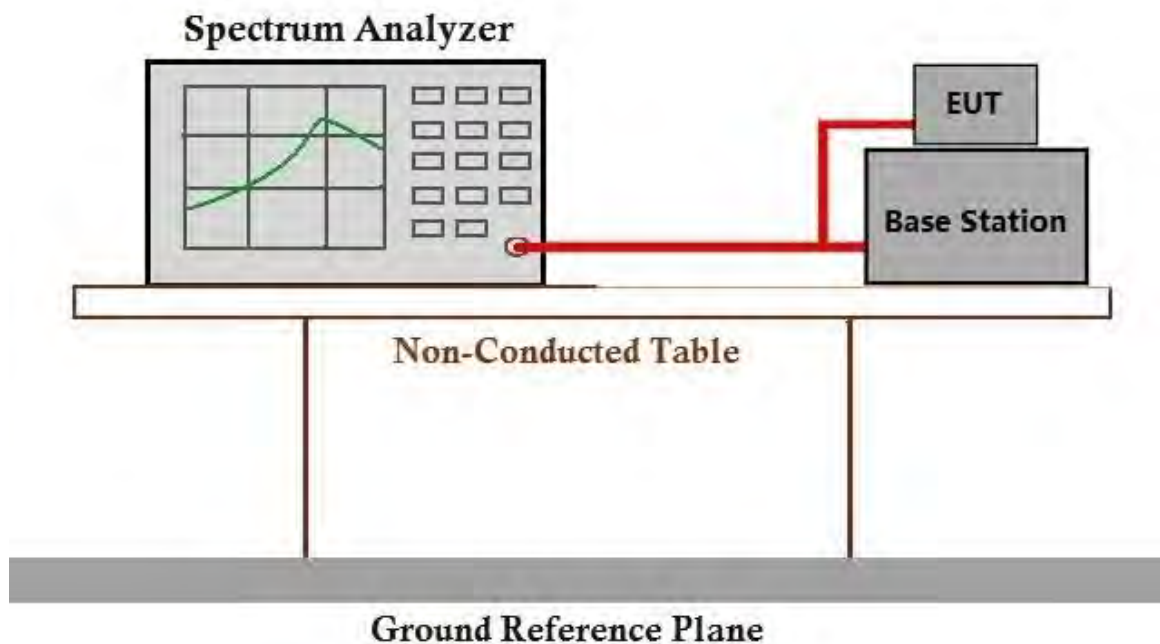
6.5 Spurious emissions at antenna terminals

Test Requirement: §2.1051, §22.917, §24.238
 Test Method: ANSI C63.26, KDB 971168 D01 v03
 Limit: $\leq -13\text{dBm}$

6.5.1 E.U.T. Operation

Operating Environment:
 Temperature: 22.7 °C Humidity: 68.2 % RH Atmospheric Pressure: 1030 mbar
 Test mode: Tx mode, Keep the EUT in transmitting mode.

6.5.2 Test Setup Diagram



6.5.3 Measurement Data

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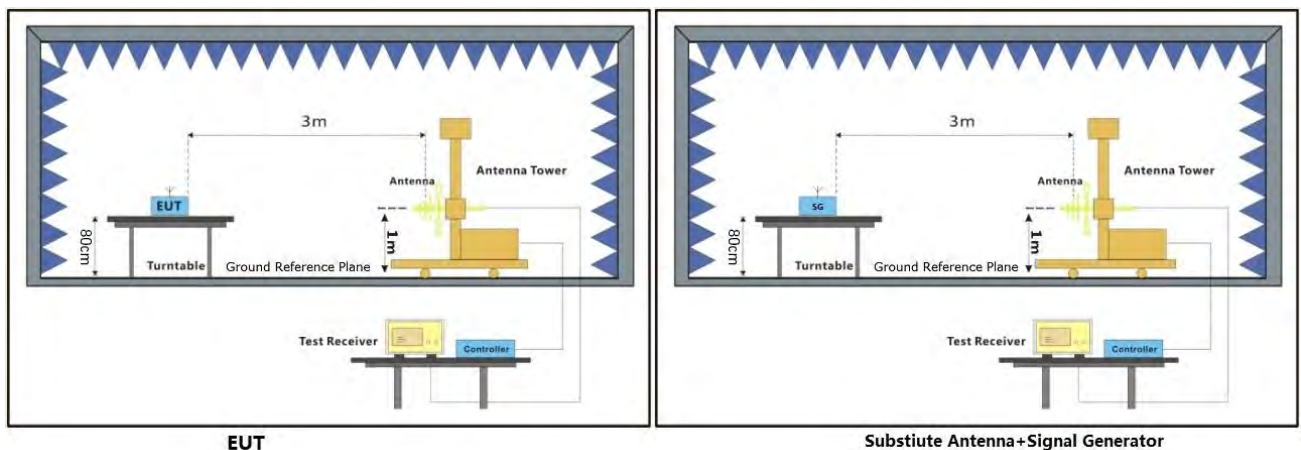
6.6 Field strength of spurious radiation

Test Requirement: §2.1051, §22.917, §24.238,
Test Method: ANSI C63.26, KDB 971168 D01 v03
Limit: $\leq -13\text{dBm}$

6.6.1 E.U.T. Operation

Operating Environment:
Temperature: 22.7 °C Humidity: 68.2 % RH Atmospheric Pressure: 1030 mbar
Test mode: Tx mode, Keep the EUT in transmitting mode.

6.6.2 Test Setup Diagram



EUT

Substitute Antenna+Signal Generator



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6.6.3 Measurement Procedure and Data

Test Procedure:

- (1) On a test site, the EUT shall be placed on a turntable and in the position closest to the normal use as declared by the user.
- (2) The test antenna shall be oriented initially for vertical polarization located 3m from the EUT to correspond to the transmitter.
- (3) The output of the antenna shall be connected to the measuring receiver and either a peak or quasi-peak detector was used for the measurement as indicated on the report. The detector selection is based on how close the emission level was approaching the limit.
- (4) The transmitter shall be switched on; if possible, without the modulation and the measurement receiver shall be tuned to the frequency of the transmitter under test.
- (5) The test antenna shall be raised and lowered through the specified range of height until the measuring receiver detects a maximum signal level.
- (6) The transmitter shall then be rotated through 360° in the horizontal plane, until the maximum signal level is detected by the measuring receiver.
- (7) The test antenna shall be raised and lowered again through the specified range of height until the measuring receiver detects a maximum signal level.
- (8) The maximum signal level detected by the measuring receiver shall be noted.
- (9) The measurement shall be repeated with the test antenna set to horizontal polarization.
- (10) Replace the antenna with a proper Antenna (substitution antenna).
- (11) The substitution antenna shall be oriented for vertical polarization and, if necessary, the length of the substitution antenna shall be adjusted to correspond to the frequency of transmitting.
- (12) The substitution antenna shall be connected to a calibrated signal generator.
- (13) If necessary, the input attenuator setting of the measuring receiver shall be adjusted in order to increase the sensitivity of the measuring receiver.
- (14) The test antenna shall be raised and lowered through the specified range of the height to ensure that the maximum signal is received.
- (15) The input signal to substitution antenna shall be adjusted to the level that produces a level detected by the measuring receiver, that is equal to the level noted while the transmitter radiated power was measured, corrected for the change of input attenuation setting of the measuring receiver.
- (16) The input level to the substitution antenna shall be recorded as power level in dBm, corrected for any change of input attenuator setting of the measuring receiver.
- (17) The measurement shall be repeated with the test antenna and the substitution antenna oriented for horizontal polarization.

Remark: We have evaluated different adapters and battery modes. The battery mode is the worst, and only the battery mode is tested finally.



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GSM850-Low channel				
Frequency	Level	Limit	Over Limit	Polarization
(MHz)	(dBm)	(dBm)	(dB)	
1648.400	-52.33	-13	-39.33	Horizontal
2472.600	-60.65	-13	-47.65	Horizontal
3296.800	-53.29	-13	-40.29	Horizontal
1648.400	-52.81	-13	-39.81	Vertical
2472.600	-59.16	-13	-46.16	Vertical
3296.800	-56.34	-13	-43.34	Vertical

GSM850-Middle channel				
Frequency	Level	Limit	Over Limit	Polarization
(MHz)	(dBm)	(dBm)	(dB)	
1672.800	-50.95	-13	-37.95	Horizontal
2509.200	-58.97	-13	-45.97	Horizontal
3345.600	-56.12	-13	-43.12	Horizontal
1672.800	-57.59	-13	-44.59	Vertical
2509.200	-59.25	-13	-46.25	Vertical
3345.600	-55.60	-13	-42.60	Vertical

GSM850- High channel				
Frequency	Level	Limit	Over Limit	Polarization
(MHz)	(dBm)	(dBm)	(dB)	
1697.600	-60.45	-13	-47.45	Horizontal
2546.400	-59.98	-13	-46.98	Horizontal
3395.200	-55.99	-13	-42.99	Horizontal
1697.600	-56.94	-13	-43.94	Vertical
2546.400	-60.12	-13	-47.12	Vertical
3395.200	-56.56	-13	-43.56	Vertical



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GSM1900-Low channel				
Frequency	Level	Limit	Over Limit	Polarization
(MHz)	(dBm)	(dBm)	(dB)	
3700.400	-50.84	-13	-37.84	Horizontal
5550.600	-49.41	-13	-36.41	Horizontal
7400.800	-45.39	-13	-32.39	Horizontal
3700.400	-51.24	-13	-38.24	Vertical
5550.600	-51.45	-13	-38.45	Vertical
7400.800	-47.59	-13	-34.59	Vertical

GSM1900-Middle channel				
Frequency	Level	Limit	Over Limit	Polarization
(MHz)	(dBm)	(dBm)	(dB)	
3760.000	-41.97	-13	-28.97	Horizontal
5640.000	-50.48	-13	-37.48	Horizontal
7520.000	-44.71	-13	-31.71	Horizontal
3760.000	-44.31	-13	-31.31	Vertical
5640.000	-52.90	-13	-39.90	Vertical
7520.000	-45.58	-13	-32.58	Vertical

GSM1900-High channel				
Frequency	Level	Limit	Over Limit	Polarization
(MHz)	(dBm)	(dBm)	(dB)	
3819.600	-51.05	-13	-38.05	Horizontal
5729.400	-52.73	-13	-39.73	Horizontal
7639.200	-41.38	-13	-28.38	Horizontal
3819.600	-54.33	-13	-41.33	Vertical
5729.400	-49.42	-13	-36.42	Vertical
7639.200	-40.22	-13	-27.22	Vertical

Remark:

We have tested all modulation and all Bandwidth , but only the worst case data presented in this report.



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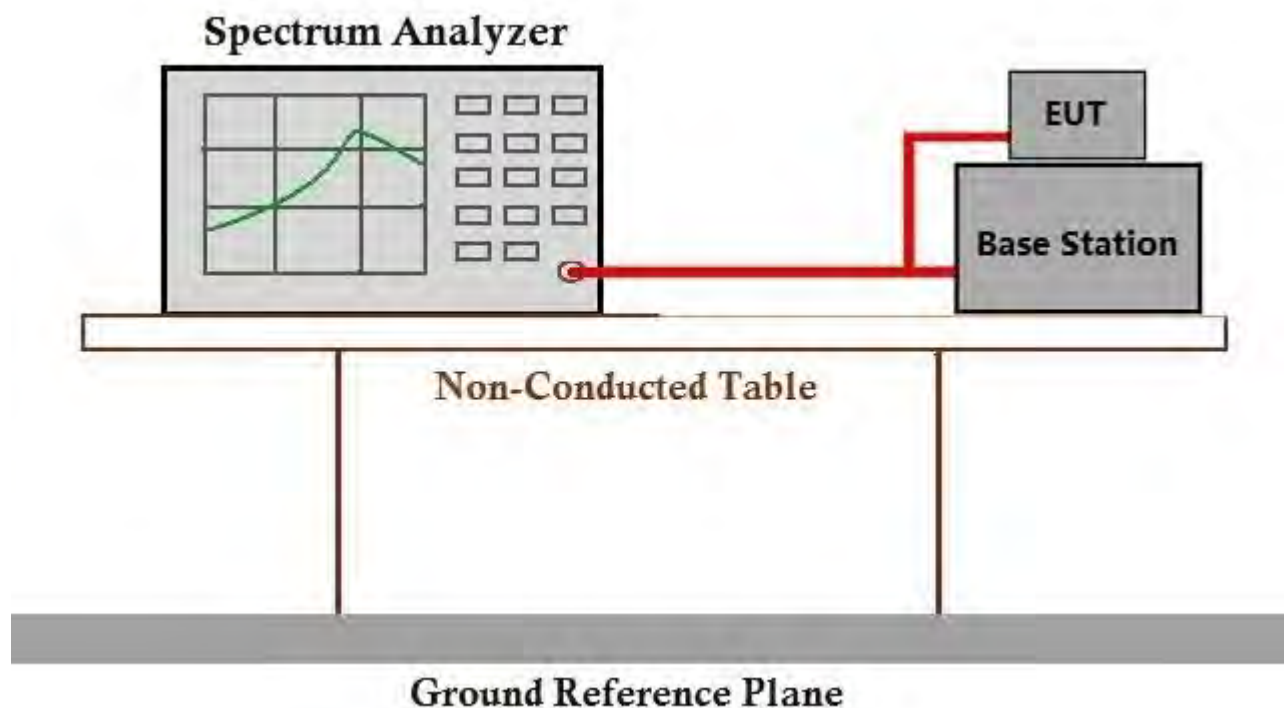
6.7 Frequency stability

Test Requirement: §2.1055, §22.355, §24.235
 Test Method: ANSI C63.26, KDB 971168 D01 v03
 Limit: $\leq \pm 2.5\text{ppm}$.

6.7.1 E.U.T. Operation

Operating Environment:
 Temperature: 22.7 °C Humidity: 68.2 % RH Atmospheric Pressure: 1030 mbar
 Test mode: Tx mode, Keep the EUT in transmitting mode.

6.7.2 Test Setup Diagram



6.7.3 Measurement Data

Please Refer to Appendix for Details



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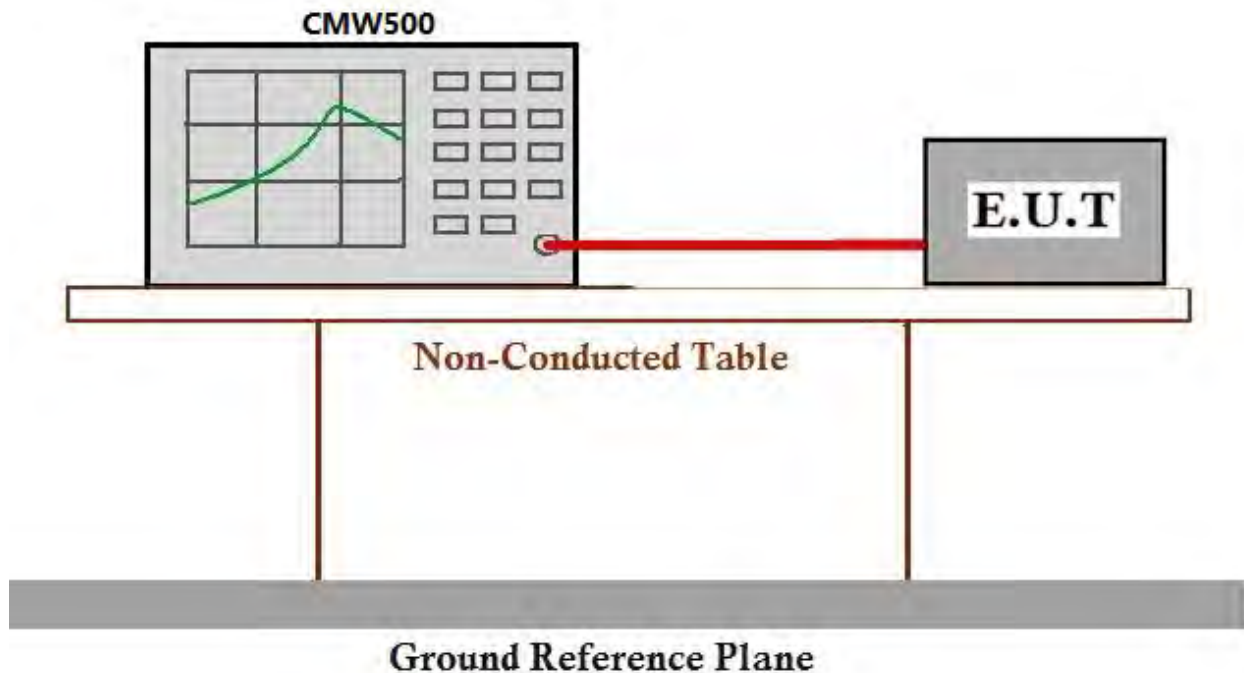
6.8 Modulation Characteristics

Test Requirement: §2.1047
 Test Method: ANSI C63.26, KDB 971168 D01 v03
 Limit: Digital modulation

6.8.1 E.U.T. Operation

Operating Environment:
 Temperature: 22.7 °C Humidity: 68.2 % RH Atmospheric Pressure: 1030 mbar
 Test mode: Tx mode, Keep the EUT in transmitting mode.

6.8.2 Test Setup Diagram



6.8.3 Measurement Data

Please Refer to Appendix for Details



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7 Test Setup Photo

Refer to Appendix - Test Setup Photo for KSCR2210001857AT

8 EUT Constructional Details (EUT Photos)

Refer to Appendix - Photographs of EUT Constructional Details for KSCR2210001857AT



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9 Appendix

Appendix for GSM 850

1. Effective (Isotropic) Radiated Power Output Data

1.1 GSM850_ERP

1.1.1 Test Result

Band: GSM850								
ENV	Mode		Frequency (MHz)	Conducted Power (dBm)	Gain (dbi)	ERP (dBm)		Verdict
	Network	Subset				Result	Limit	
NTNV	GSM	GSM	824.2	32.18	-1.60	28.43	<=38.45	Pass
			836.6	32.14	-1.60	28.39	<=38.45	Pass
			848.8	32.26	-1.60	28.51	<=38.45	Pass
	GPRS	1 TX Slot	824.2	32.21	-1.60	28.46	<=38.45	Pass
		2 TX Slots	824.2	31.43	-1.60	27.68	<=38.45	Pass
		3 TX Slots	824.2	29.67	-1.60	25.92	<=38.45	Pass
		4 TX Slots	824.2	28.49	-1.60	24.74	<=38.45	Pass
		1 TX Slot	836.6	32.06	-1.60	28.31	<=38.45	Pass
		2 TX Slots	836.6	31.36	-1.60	27.61	<=38.45	Pass
		3 TX Slots	836.6	29.62	-1.60	25.87	<=38.45	Pass
		4 TX Slots	836.6	28.47	-1.60	24.72	<=38.45	Pass
		1 TX Slot	848.8	32.16	-1.60	28.41	<=38.45	Pass
		2 TX Slots	848.8	31.46	-1.60	27.71	<=38.45	Pass
		3 TX Slots	848.8	29.73	-1.60	25.98	<=38.45	Pass
		4 TX Slots	848.8	28.58	-1.60	24.83	<=38.45	Pass
	EGPRS	1 TX Slot	824.2	23.72	-1.60	19.97	<=38.45	Pass
		2 TX Slots	824.2	22.42	-1.60	18.67	<=38.45	Pass
		3 TX Slots	824.2	20.25	-1.60	16.50	<=38.45	Pass
		4 TX Slots	824.2	23.05	-1.60	19.30	<=38.45	Pass
		1 TX Slot	836.6	23.58	-1.60	19.83	<=38.45	Pass
		2 TX Slots	836.6	22.49	-1.60	18.74	<=38.45	Pass
		3 TX Slots	836.6	20.26	-1.60	16.51	<=38.45	Pass
		4 TX Slots	836.6	18.97	-1.60	15.22	<=38.45	Pass
		1 TX Slot	848.8	23.28	-1.60	19.53	<=38.45	Pass
		2 TX Slots	848.8	22.55	-1.60	18.80	<=38.45	Pass
		3 TX Slots	848.8	24.29	-1.60	20.54	<=38.45	Pass
		4 TX Slots	848.8	18.77	-1.60	15.02	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15



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2. Frequency Stability

2.1 GSM850

2.1.1 Test Result

Band: GSM850							
Network	Frequency (MHz)	Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
					Result	Limit	
GSM	824.2	20	3.23	3.743	0.0045	-2.5 to 2.5	Pass
			3.80	3.124	0.0038	-2.5 to 2.5	Pass
			4.37	4.656	0.0056	-2.5 to 2.5	Pass
		-30	3.80	5.233	0.0063	-2.5 to 2.5	Pass
		-20	3.80	5.506	0.0067	-2.5 to 2.5	Pass
		-10	3.80	5.844	0.0071	-2.5 to 2.5	Pass
		0	3.80	8.035	0.0097	-2.5 to 2.5	Pass
		10	3.80	5.775	0.0070	-2.5 to 2.5	Pass
		30	3.80	6.173	0.0075	-2.5 to 2.5	Pass
		40	3.80	4.371	0.0053	-2.5 to 2.5	Pass
		50	3.80	5.166	0.0063	-2.5 to 2.5	Pass
	836.6	20	3.23	9.088	0.0109	-2.5 to 2.5	Pass
			3.80	12.162	0.0145	-2.5 to 2.5	Pass
			4.37	12.642	0.0151	-2.5 to 2.5	Pass
		-30	3.80	11.833	0.0141	-2.5 to 2.5	Pass
		-20	3.80	11.804	0.0141	-2.5 to 2.5	Pass
		-10	3.80	7.103	0.0085	-2.5 to 2.5	Pass
		0	3.80	9.177	0.0110	-2.5 to 2.5	Pass
		10	3.80	7.289	0.0087	-2.5 to 2.5	Pass
		30	3.80	6.914	0.0083	-2.5 to 2.5	Pass
		40	3.80	6.234	0.0075	-2.5 to 2.5	Pass
		50	3.80	10.225	0.0122	-2.5 to 2.5	Pass
	848.8	20	3.23	7.998	0.0094	-2.5 to 2.5	Pass
			3.80	8.289	0.0098	-2.5 to 2.5	Pass
			4.37	9.345	0.0110	-2.5 to 2.5	Pass
		-30	3.80	9.586	0.0113	-2.5 to 2.5	Pass
		-20	3.80	11.063	0.0130	-2.5 to 2.5	Pass
		-10	3.80	11.226	0.0132	-2.5 to 2.5	Pass
		0	3.80	10.806	0.0127	-2.5 to 2.5	Pass
		10	3.80	8.026	0.0095	-2.5 to 2.5	Pass
		30	3.80	11.086	0.0131	-2.5 to 2.5	Pass
		40	3.80	10.629	0.0125	-2.5 to 2.5	Pass
		50	3.80	11.912	0.0140	-2.5 to 2.5	Pass
GPRS	824.2	20	3.23	5.507	0.0067	-2.5 to 2.5	Pass
			3.80	1.206	0.0015	-2.5 to 2.5	Pass
			4.37	4.528	0.0055	-2.5 to 2.5	Pass



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EGPRS		-30	3.80	7.827	0.0095	-2.5 to 2.5	Pass
		-20	3.80	2.433	0.0030	-2.5 to 2.5	Pass
		-10	3.80	4.555	0.0055	-2.5 to 2.5	Pass
		0	3.80	6.120	0.0074	-2.5 to 2.5	Pass
		10	3.80	4.498	0.0055	-2.5 to 2.5	Pass
		30	3.80	2.592	0.0031	-2.5 to 2.5	Pass
		40	3.80	7.187	0.0087	-2.5 to 2.5	Pass
		50	3.80	3.868	0.0047	-2.5 to 2.5	Pass
	836.6	20	3.23	2.897	0.0035	-2.5 to 2.5	Pass
			3.80	2.500	0.0030	-2.5 to 2.5	Pass
			4.37	3.119	0.0037	-2.5 to 2.5	Pass
		-30	3.80	0.027	0.0000	-2.5 to 2.5	Pass
		-20	3.80	1.732	0.0021	-2.5 to 2.5	Pass
		-10	3.80	1.507	0.0018	-2.5 to 2.5	Pass
		0	3.80	3.793	0.0045	-2.5 to 2.5	Pass
		10	3.80	3.190	0.0038	-2.5 to 2.5	Pass
		30	3.80	4.135	0.0049	-2.5 to 2.5	Pass
		40	3.80	2.500	0.0030	-2.5 to 2.5	Pass
		50	3.80	3.471	0.0041	-2.5 to 2.5	Pass
	848.8	20	3.23	4.404	0.0052	-2.5 to 2.5	Pass
			3.80	4.786	0.0056	-2.5 to 2.5	Pass
			4.37	6.176	0.0073	-2.5 to 2.5	Pass
		-30	3.80	4.862	0.0057	-2.5 to 2.5	Pass
		-20	3.80	6.521	0.0077	-2.5 to 2.5	Pass
		-10	3.80	6.458	0.0076	-2.5 to 2.5	Pass
		0	3.80	5.250	0.0062	-2.5 to 2.5	Pass
		10	3.80	6.586	0.0078	-2.5 to 2.5	Pass
		30	3.80	3.402	0.0040	-2.5 to 2.5	Pass
		40	3.80	4.192	0.0049	-2.5 to 2.5	Pass
		50	3.80	3.205	0.0038	-2.5 to 2.5	Pass
	824.2	20	3.23	12.634	0.0153	-2.5 to 2.5	Pass
			3.80	11.371	0.0138	-2.5 to 2.5	Pass
			4.37	10.536	0.0128	-2.5 to 2.5	Pass
		-30	3.80	13.046	0.0158	-2.5 to 2.5	Pass
		-20	3.80	10.968	0.0133	-2.5 to 2.5	Pass
		-10	3.80	11.273	0.0137	-2.5 to 2.5	Pass
		0	3.80	7.897	0.0096	-2.5 to 2.5	Pass
		10	3.80	11.282	0.0137	-2.5 to 2.5	Pass
		30	3.80	11.553	0.0140	-2.5 to 2.5	Pass
		40	3.80	11.527	0.0140	-2.5 to 2.5	Pass
		50	3.80	6.692	0.0081	-2.5 to 2.5	Pass
	836.6	20	3.23	11.003	0.0132	-2.5 to 2.5	Pass
			3.80	11.675	0.0140	-2.5 to 2.5	Pass
			4.37	7.993	0.0096	-2.5 to 2.5	Pass
		-30	3.80	6.751	0.0081	-2.5 to 2.5	Pass
		-20	3.80	9.246	0.0111	-2.5 to 2.5	Pass
		-10	3.80	9.465	0.0113	-2.5 to 2.5	Pass



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		0	3.80	8.214	0.0098	-2.5 to 2.5	Pass
		10	3.80	9.413	0.0113	-2.5 to 2.5	Pass
		30	3.80	10.565	0.0126	-2.5 to 2.5	Pass
		40	3.80	8.332	0.0100	-2.5 to 2.5	Pass
		50	3.80	9.378	0.0112	-2.5 to 2.5	Pass
	848.8	20	3.23	8.735	0.0103	-2.5 to 2.5	Pass
			3.80	9.298	0.0110	-2.5 to 2.5	Pass
			4.37	9.907	0.0117	-2.5 to 2.5	Pass
		-30	3.80	9.470	0.0112	-2.5 to 2.5	Pass
		-20	3.80	9.738	0.0115	-2.5 to 2.5	Pass
		-10	3.80	10.077	0.0119	-2.5 to 2.5	Pass
		0	3.80	10.095	0.0119	-2.5 to 2.5	Pass
		10	3.80	9.366	0.0110	-2.5 to 2.5	Pass
		30	3.80	8.941	0.0105	-2.5 to 2.5	Pass
		40	3.80	10.674	0.0126	-2.5 to 2.5	Pass
		50	3.80	6.303	0.0074	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 GSM850_OBW

3.1.1 Test Result

Band: GSM850					
ENV	Mode		Frequency (MHz)	99% Occupied Bandwidth (MHz)	Verdict
	Network	Subset		Result	
NTNV	GSM	GSM	824.2	0.244	Pass
			836.6	0.245	Pass
			848.8	0.250	Pass
	GPRS	1 TX Slot	824.2	0.245	Pass
			836.6	0.244	Pass
			848.8	0.247	Pass
	EGPRS	1 TX Slot	824.2	0.253	Pass
			836.6	0.256	Pass
			848.8	0.229	Pass



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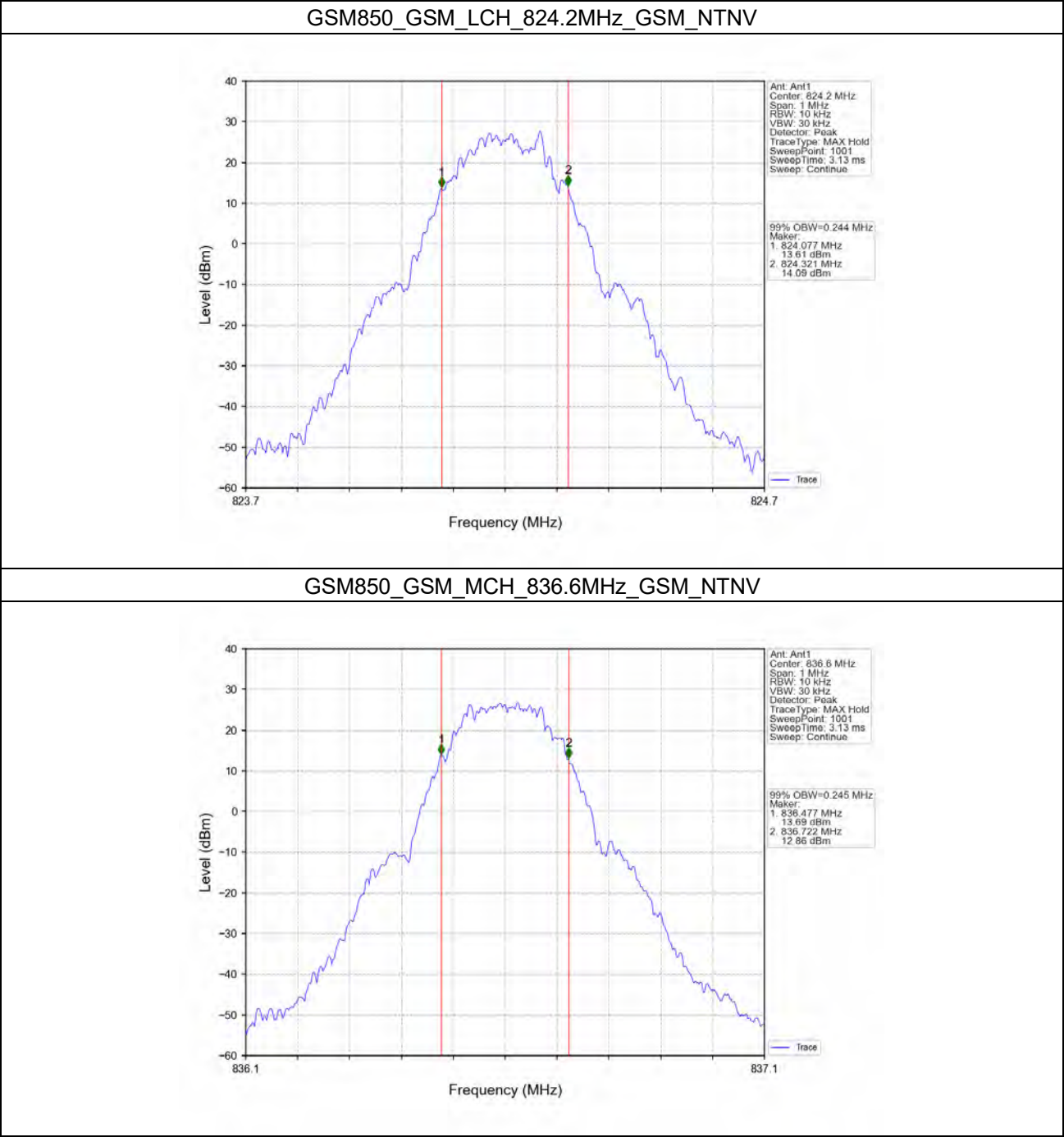
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3.1.2 Test Graph



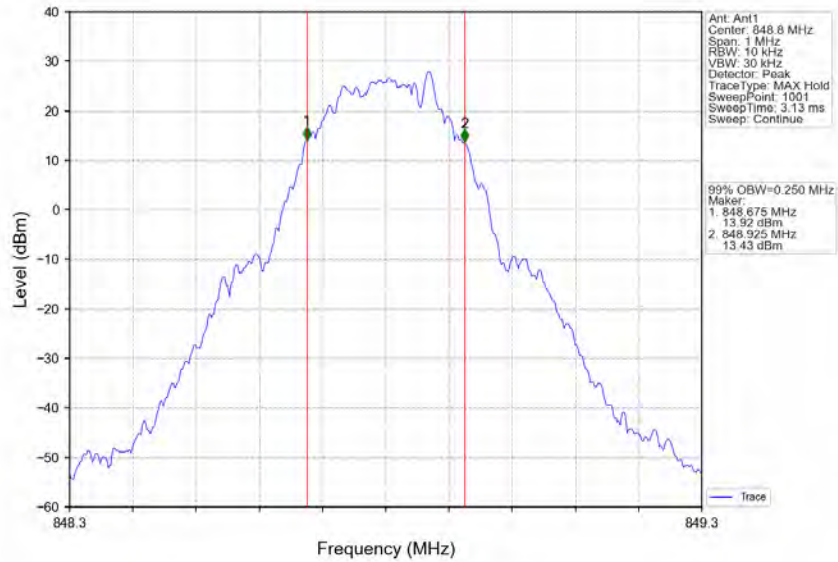
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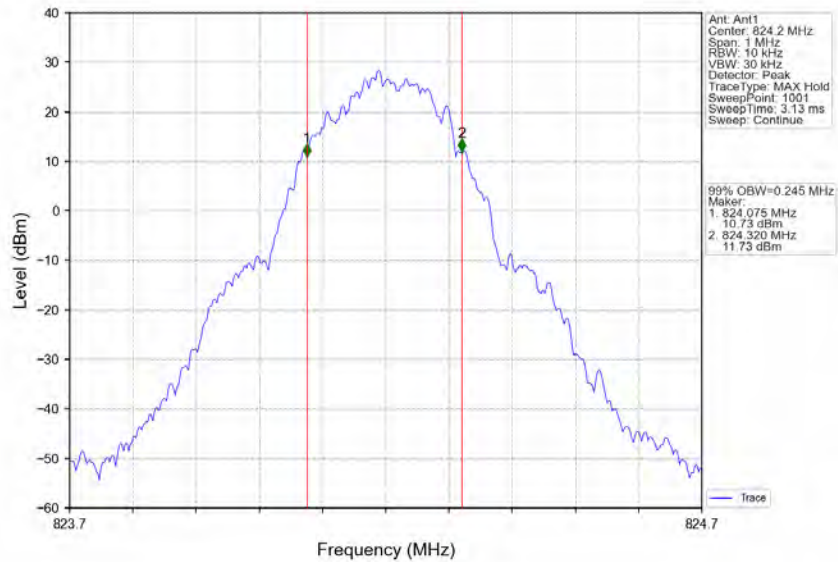
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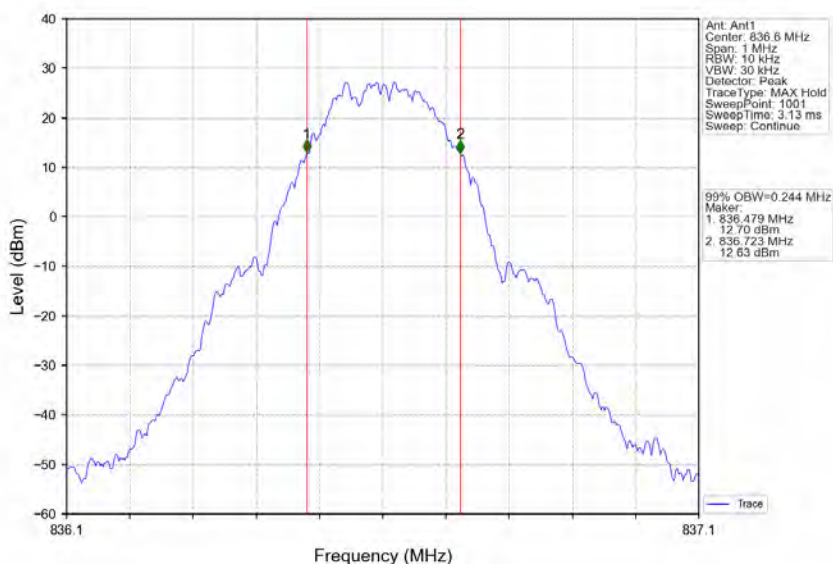
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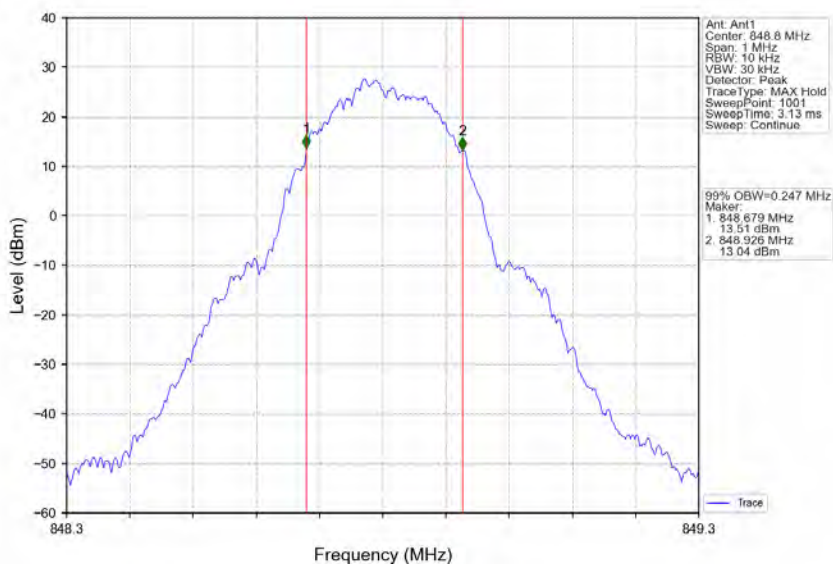
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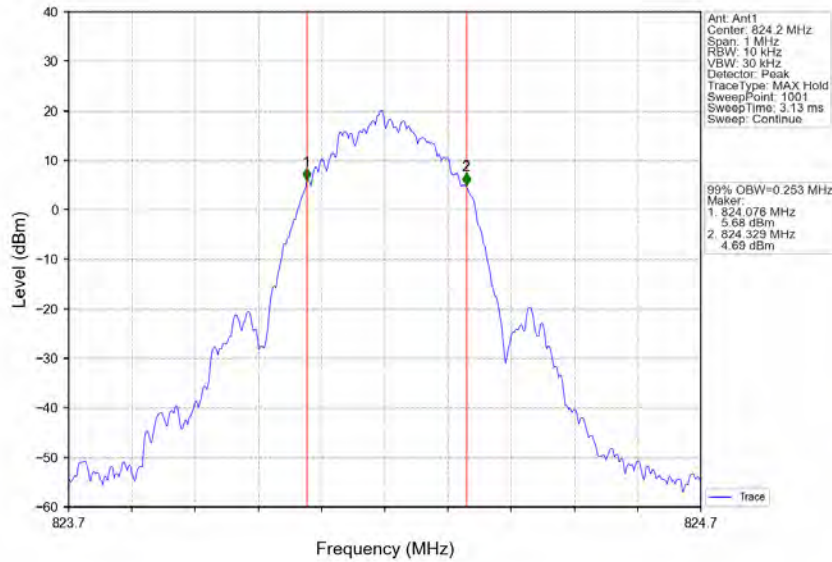
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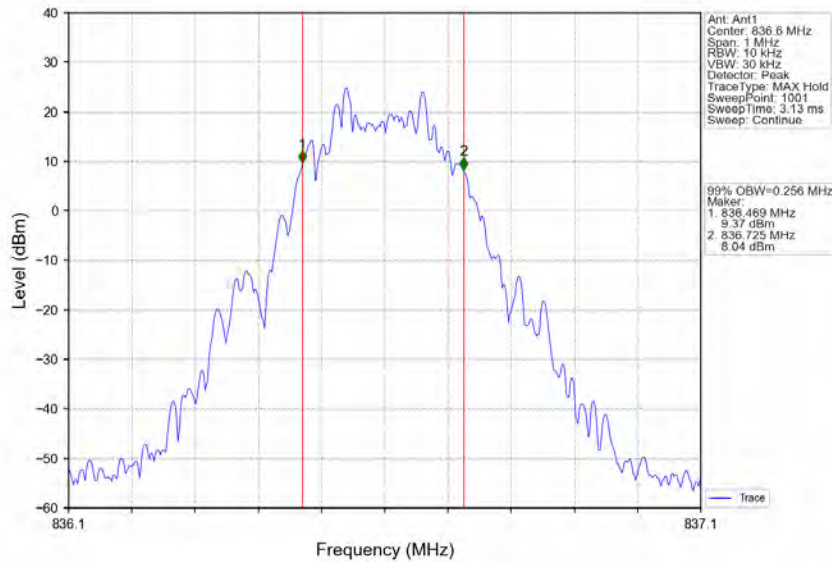
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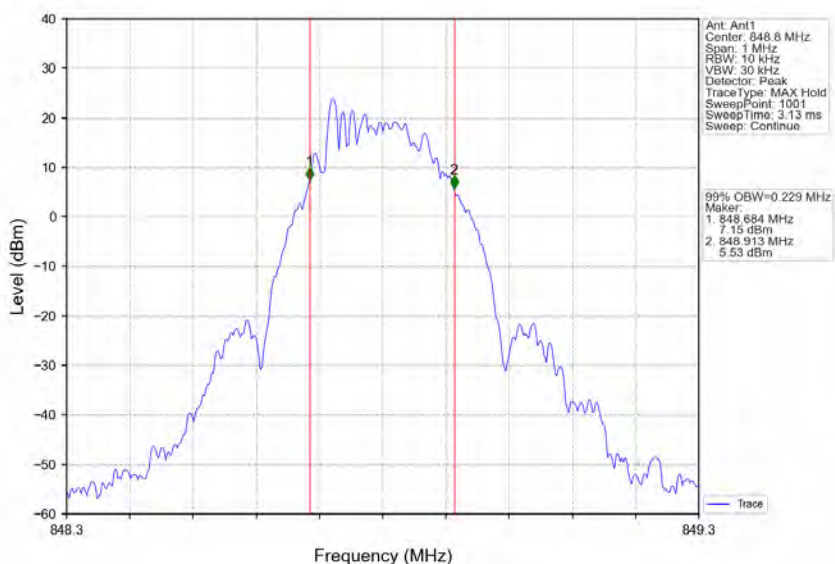
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Report No.: KSCR221000185706

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3.2 GSM850_XDB

3.2.1 Test Result

Band: GSM850					
ENV	Mode		Frequency (MHz)	26dB Bandwidth (MHz)	Verdict
	Network	Subset		Result	
NTNV	GSM	GSM	824.2	0.321	Pass
			836.6	0.328	Pass
			848.8	0.318	Pass
	GPRS	1 TX Slot	824.2	0.318	Pass
			836.6	0.322	Pass
			848.8	0.316	Pass
	EGPRS	1 TX Slot	824.2	0.309	Pass
			836.6	0.320	Pass
			848.8	0.295	Pass



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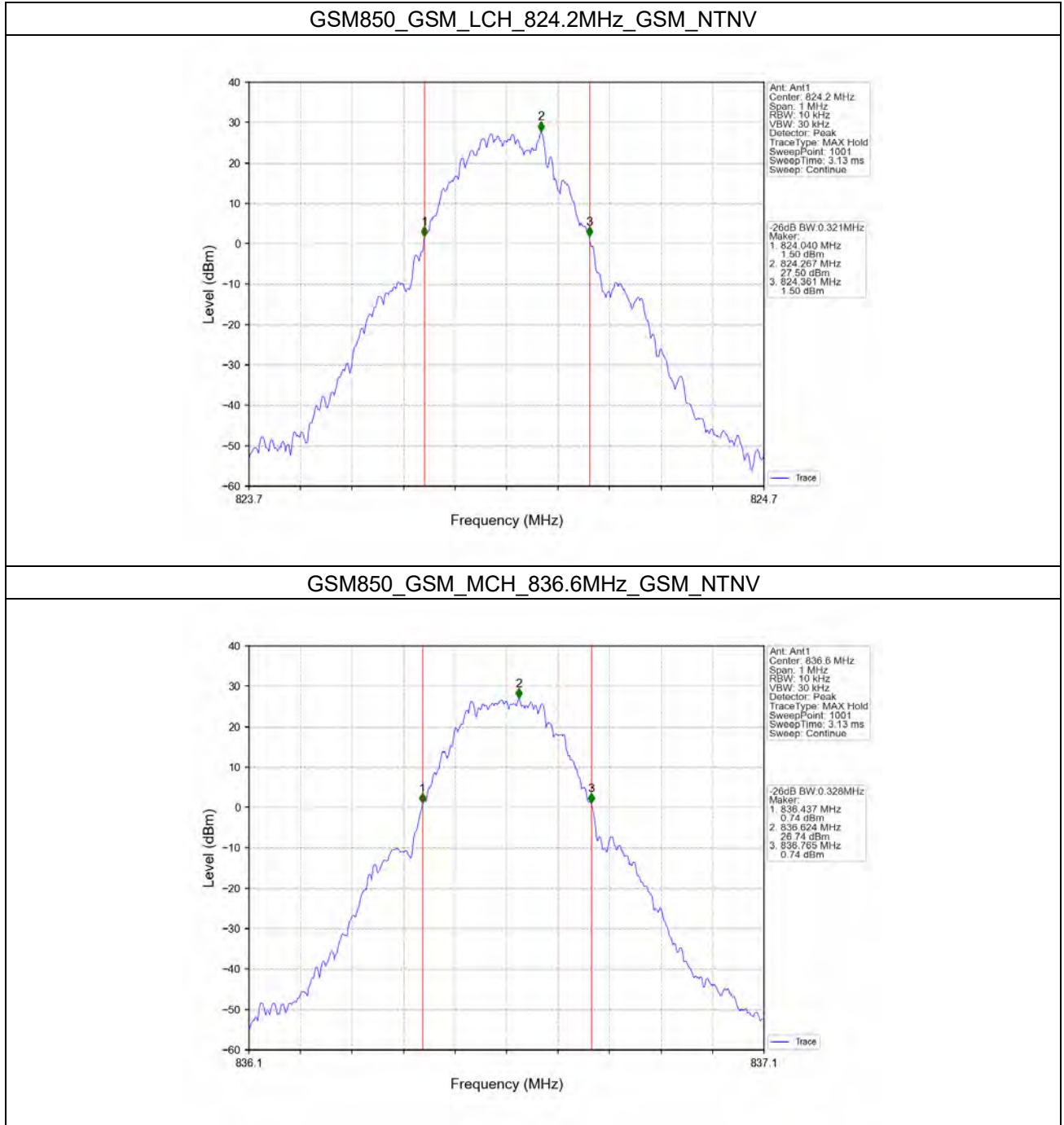
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3.2.2 Test Graph



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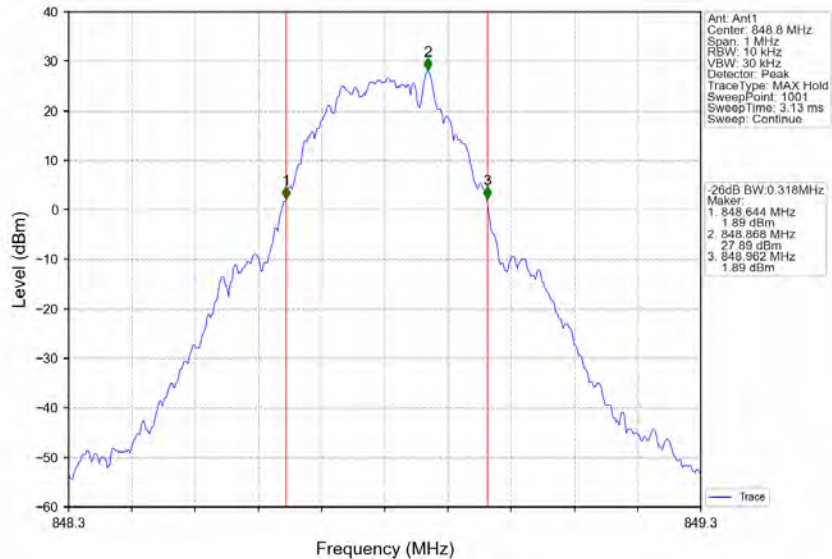
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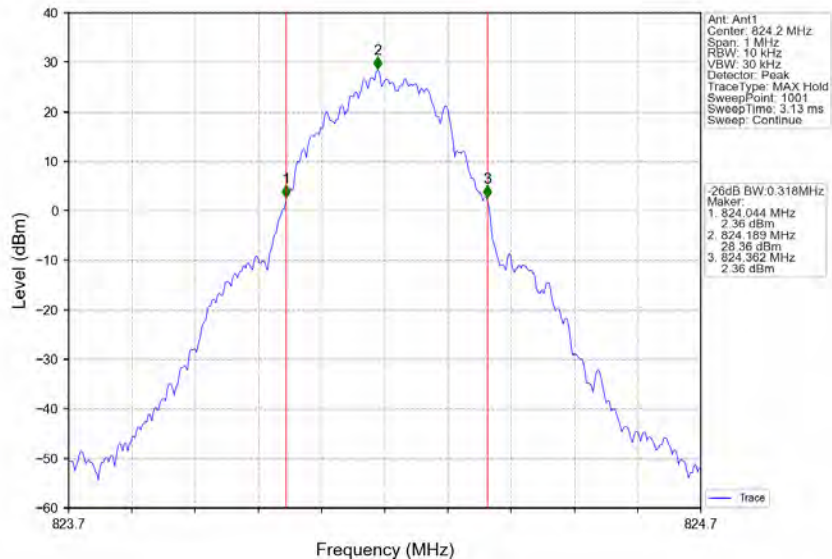
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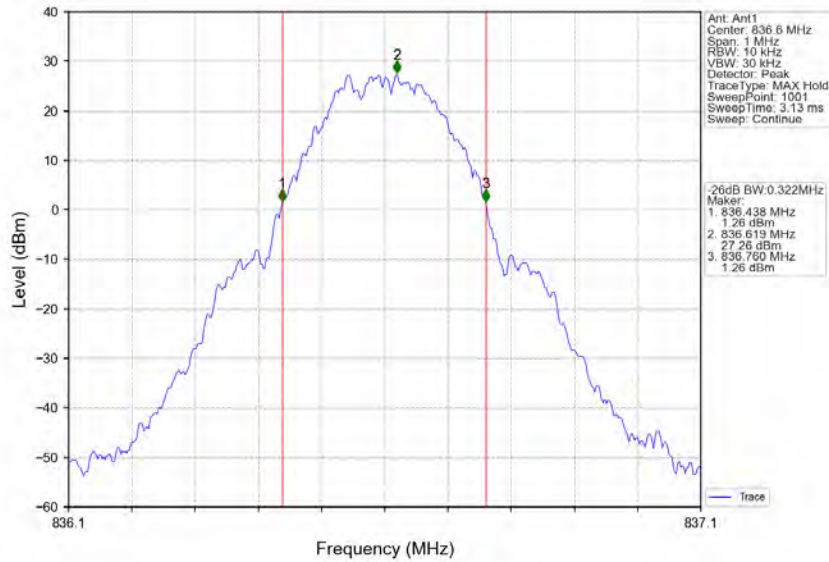
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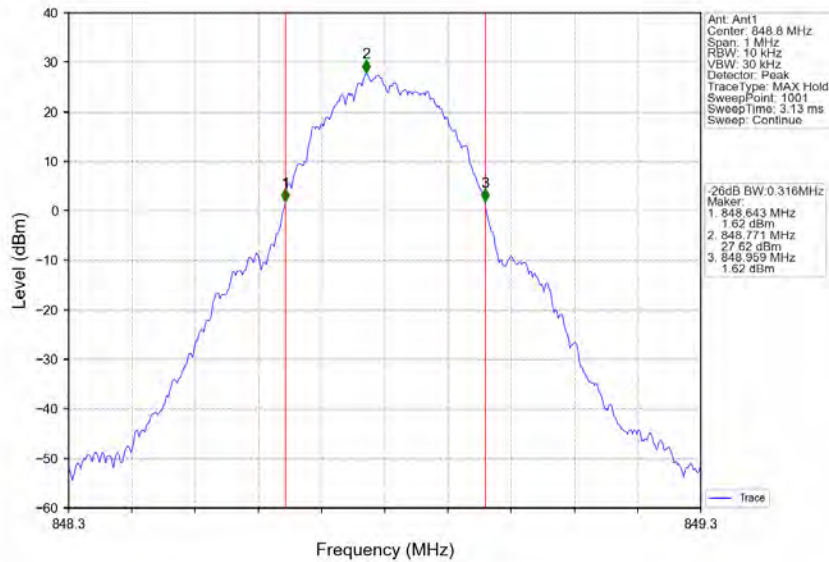
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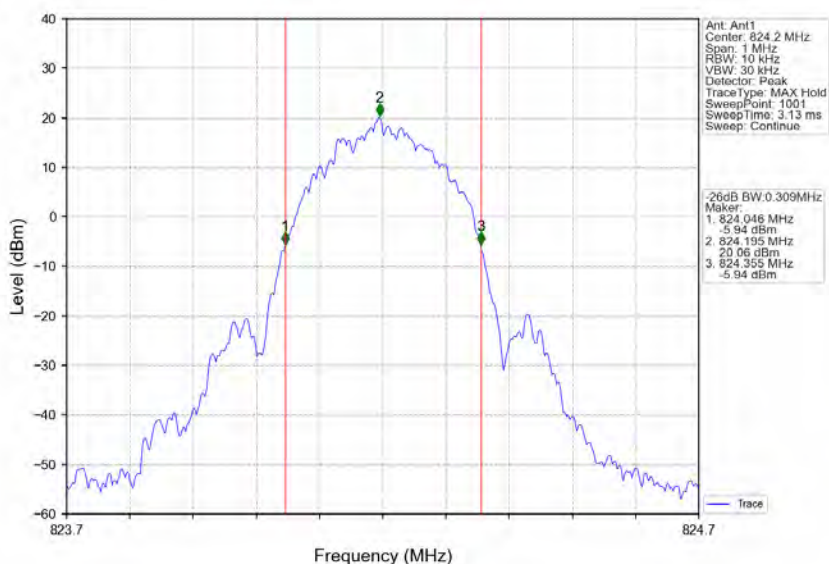
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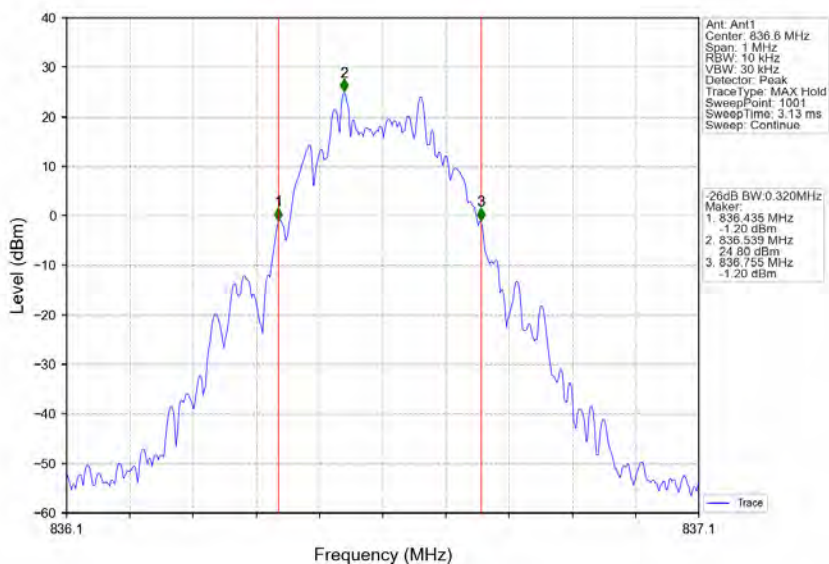
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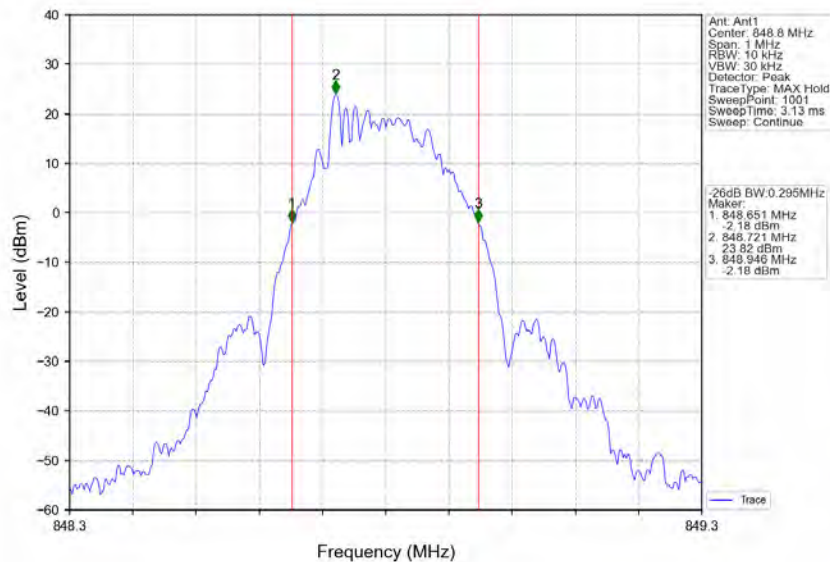
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4. Peak-Average Ratio

4.1 GSM850

4.1.1 Test Result

Band: GSM850						
ENV	Mode		Frequency (MHz)	Peak-Average Ratio (dB)		Verdict
	Network	Subset		Result	Limit	
NTNV	GSM	GSM	824.2	9.60	<=13	Pass
			836.6	9.41	<=13	Pass
			848.8	9.43	<=13	Pass
	GPRS	4 TX Slots	824.2	9.61	<=13	Pass
			836.6	3.66	<=13	Pass
			848.8	3.60	<=13	Pass
	EGPRS	4 TX Slots	824.2	12.87	<=13	Pass
			836.6	12.31	<=13	Pass
			848.8	12.87	<=13	Pass



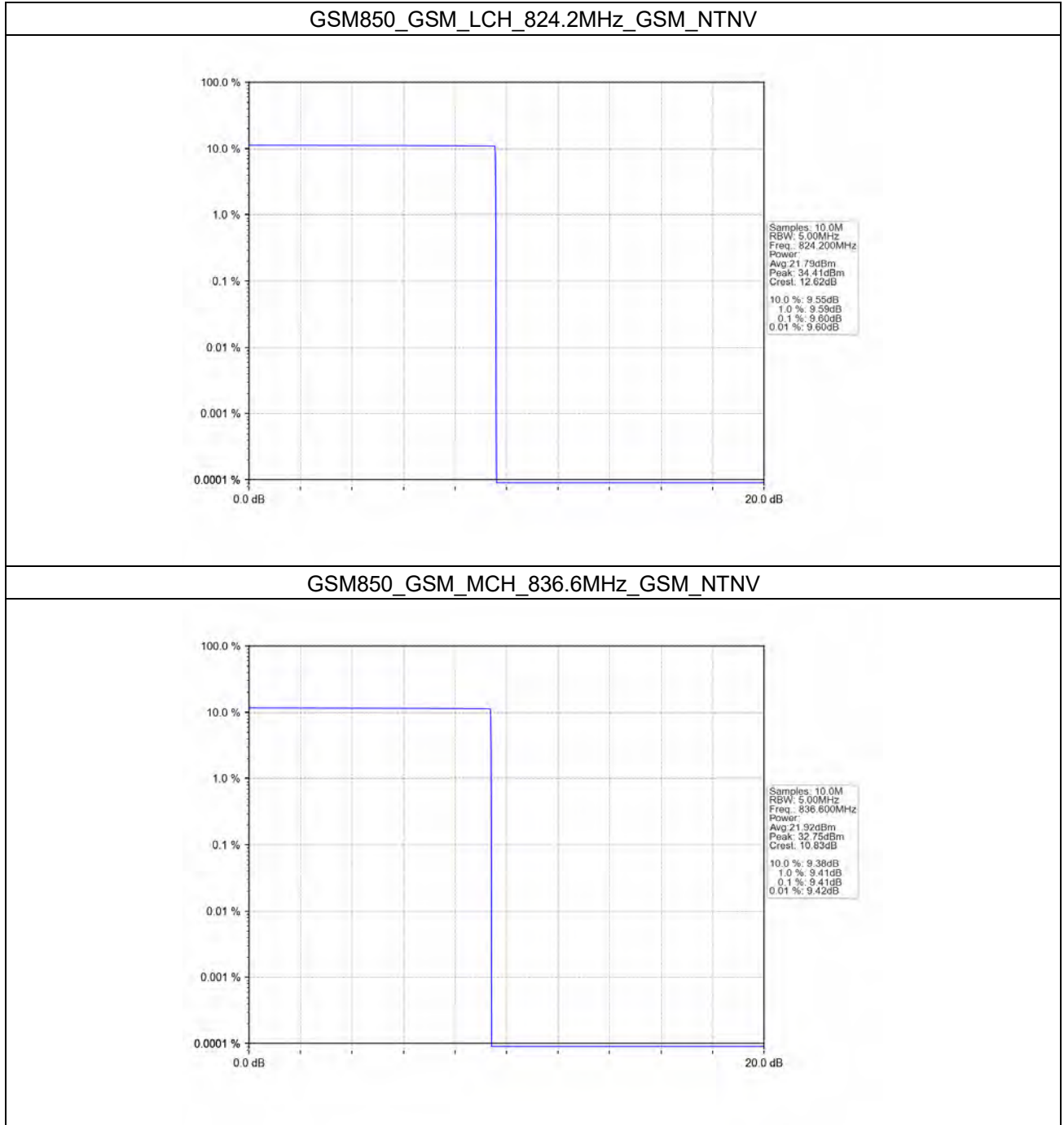
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4.1.2 Test Graph



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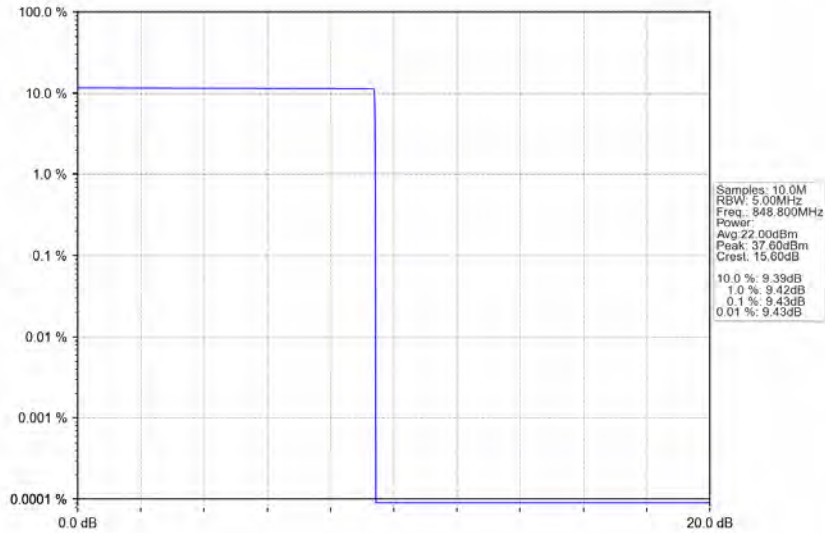
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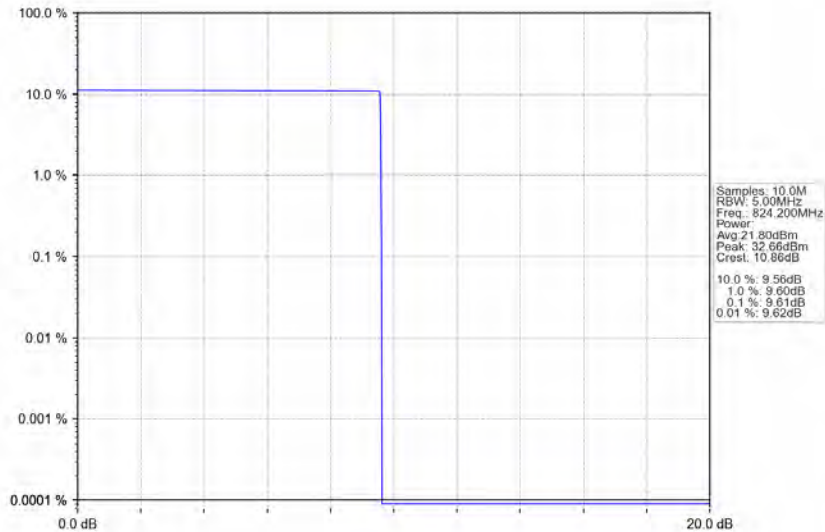
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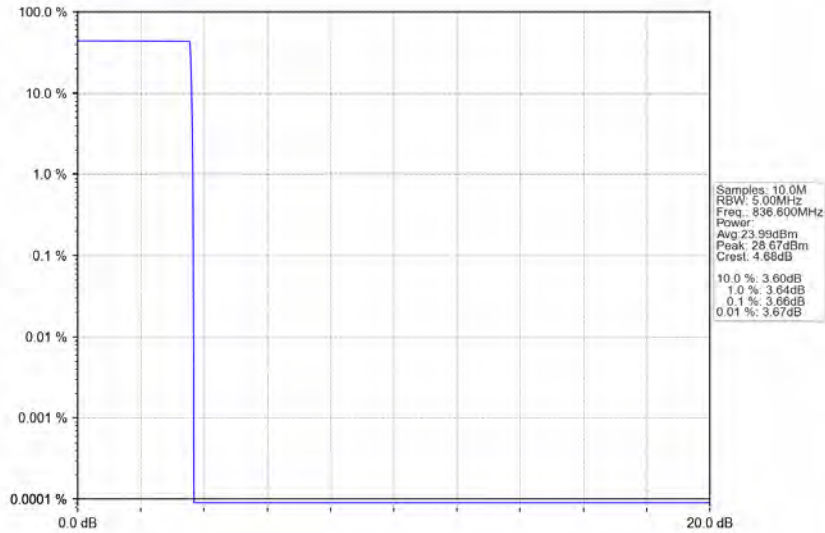
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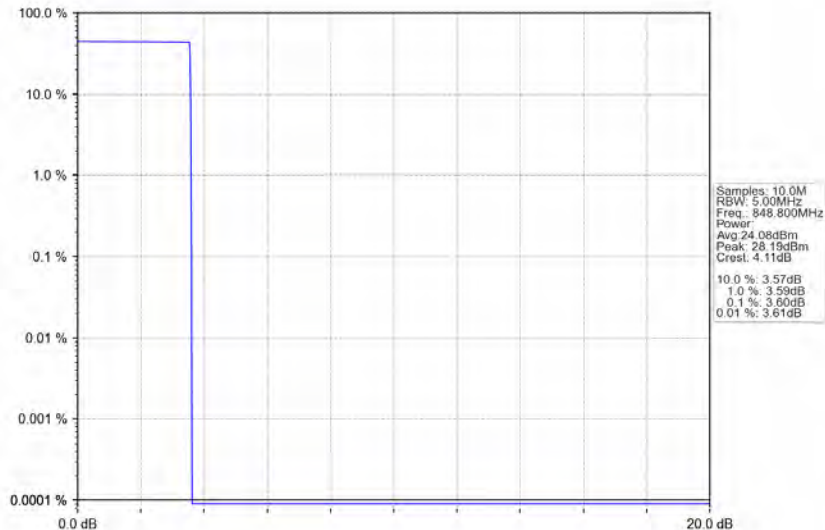
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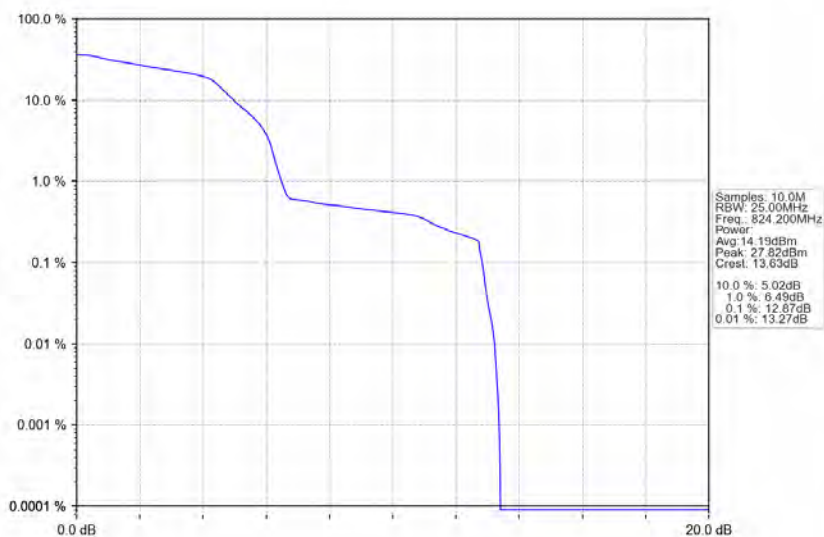
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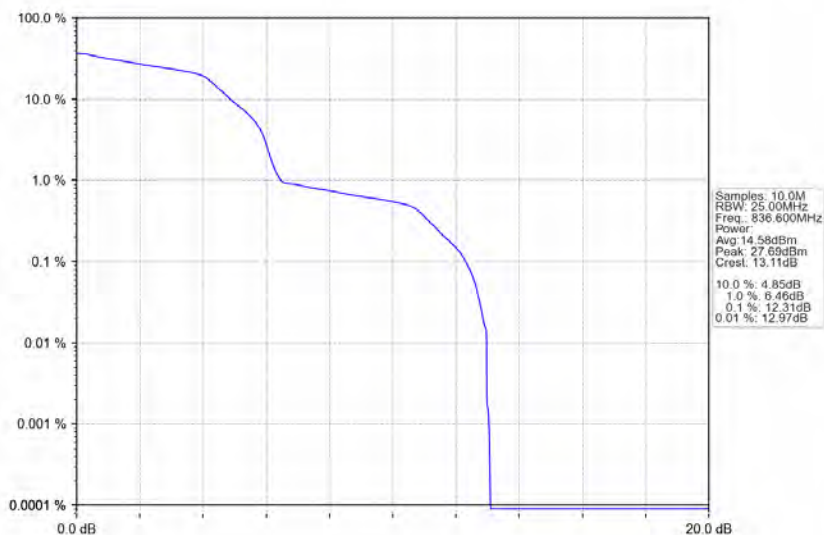
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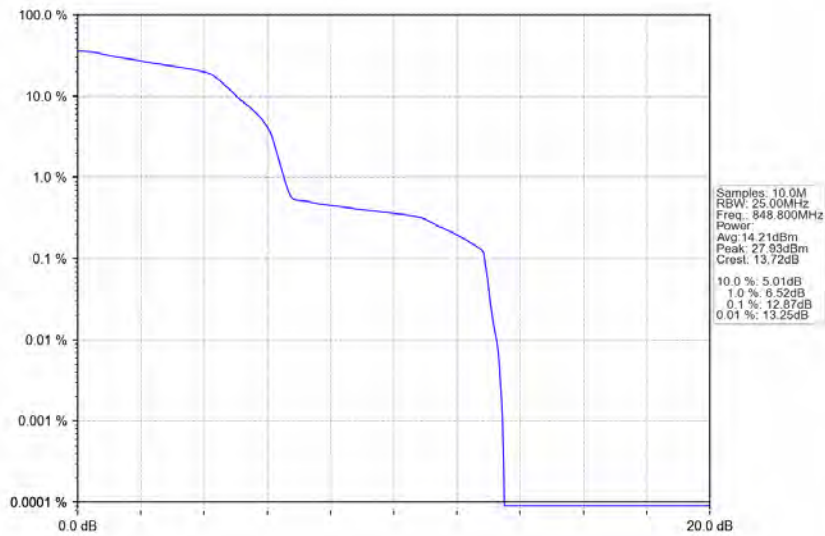
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5. Spurious Emission

5.1 GSM850

5.1.1 Test Result

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



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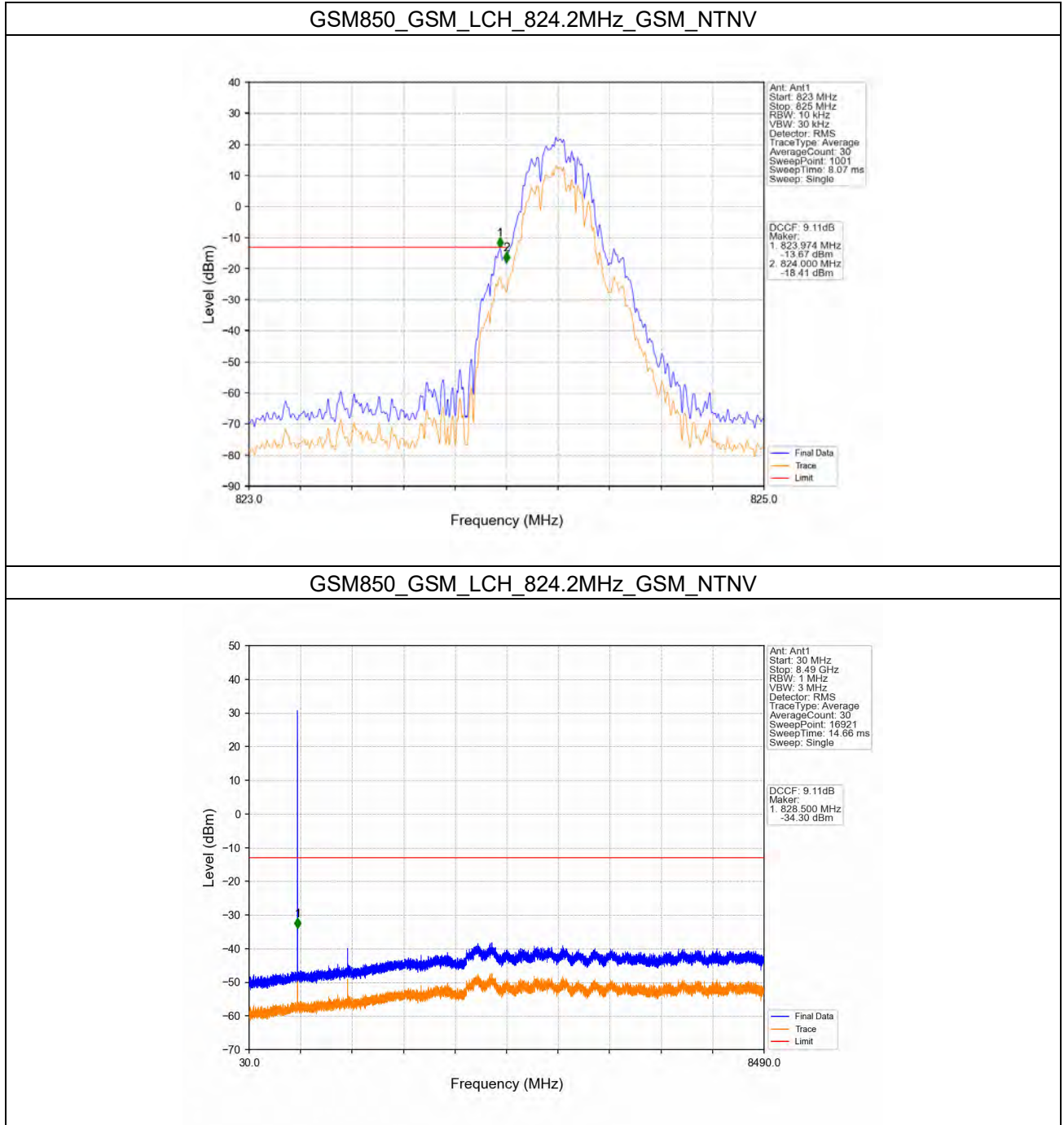
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5.1.2 Test Graph



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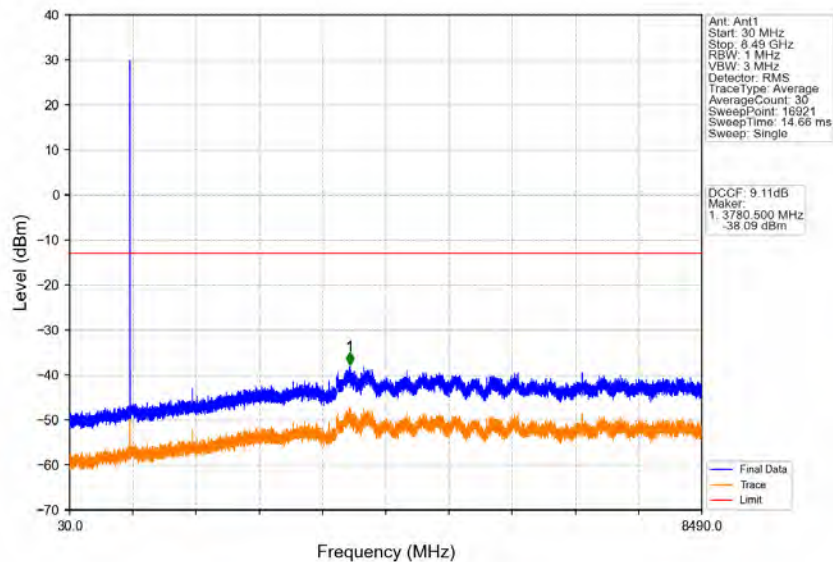
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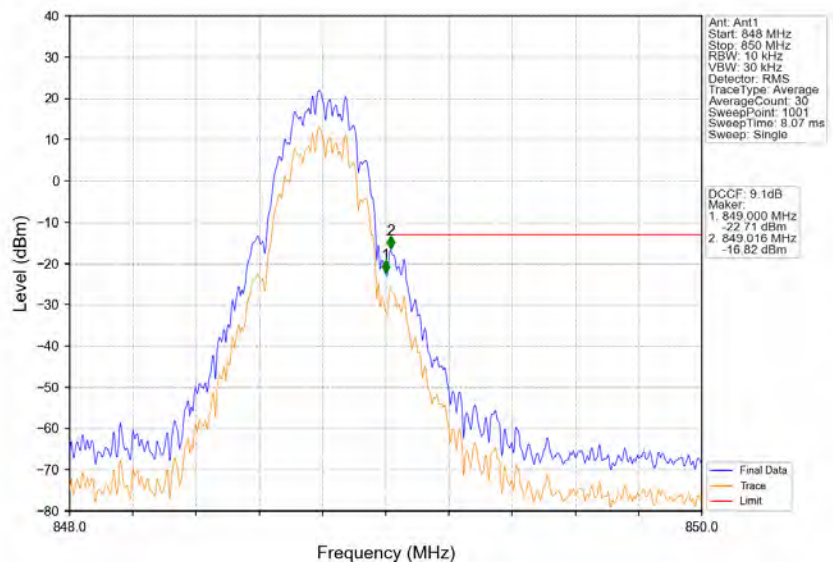
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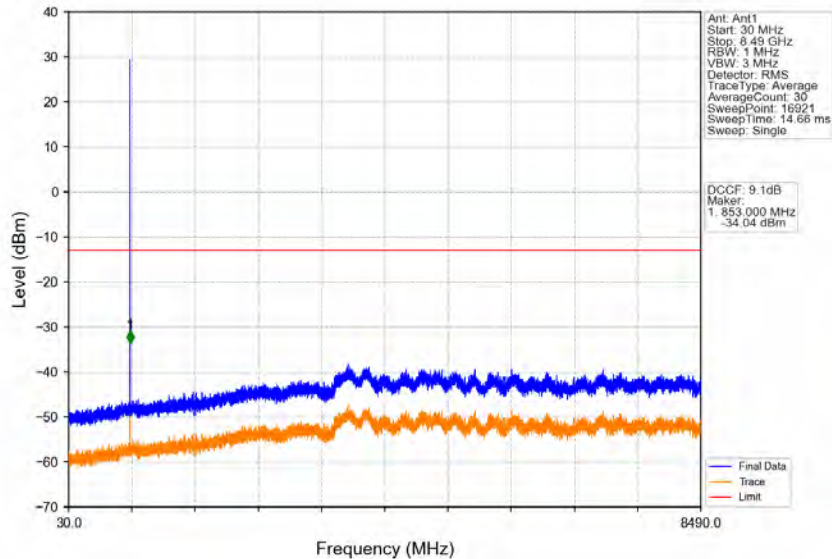
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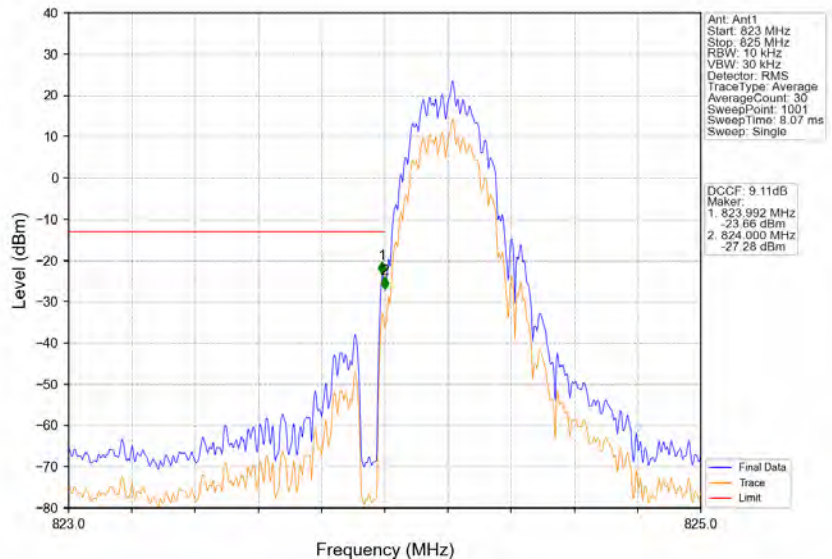
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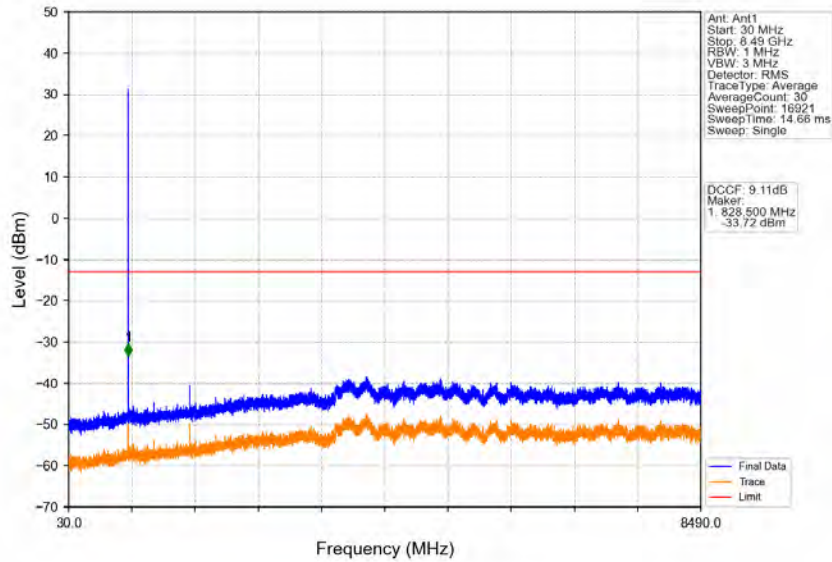
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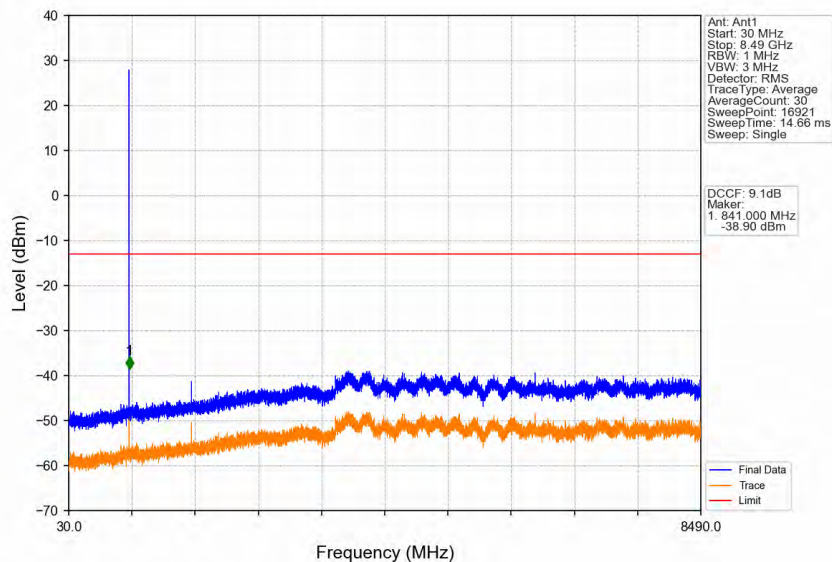
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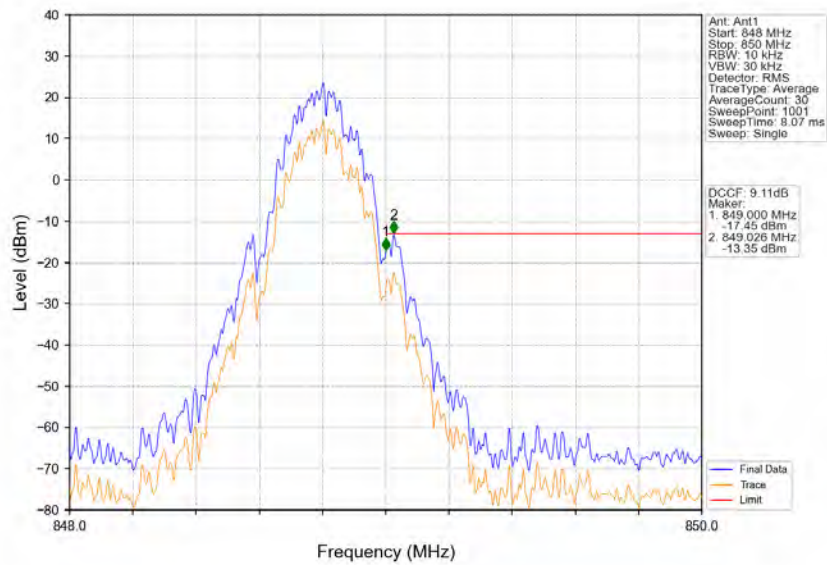
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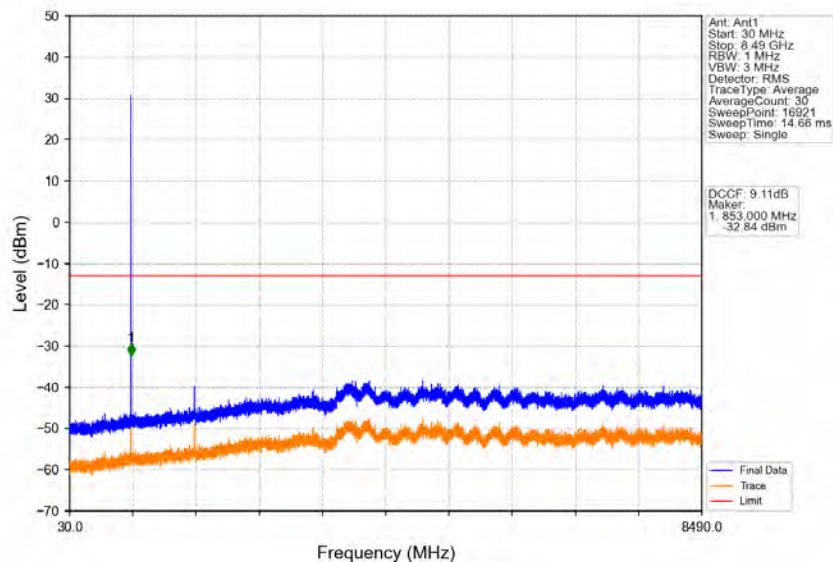
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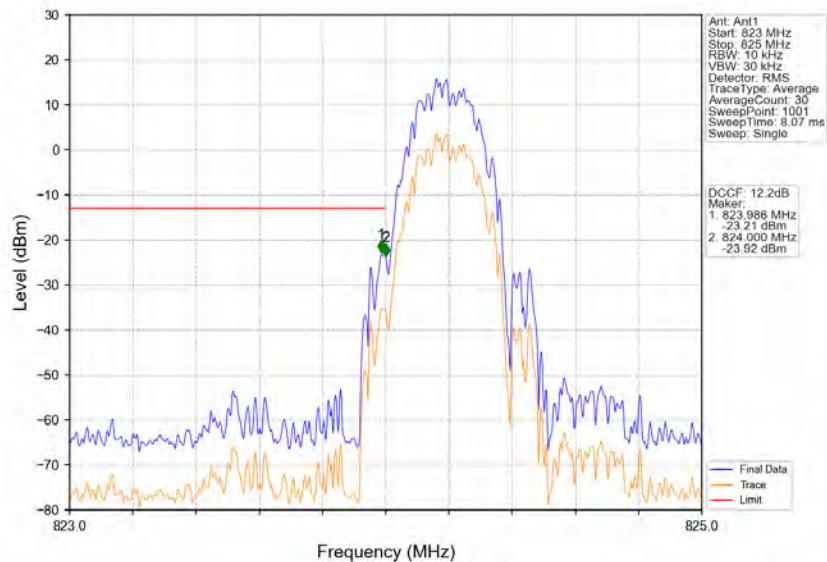
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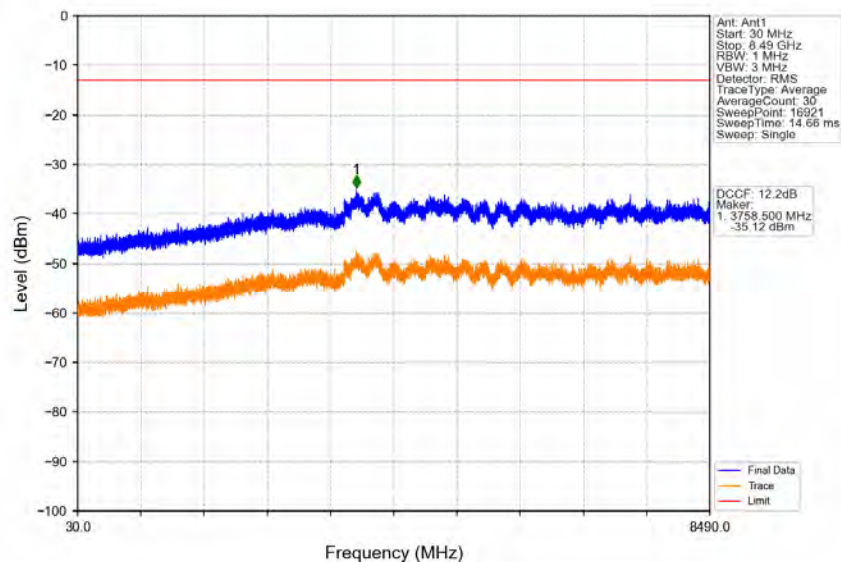
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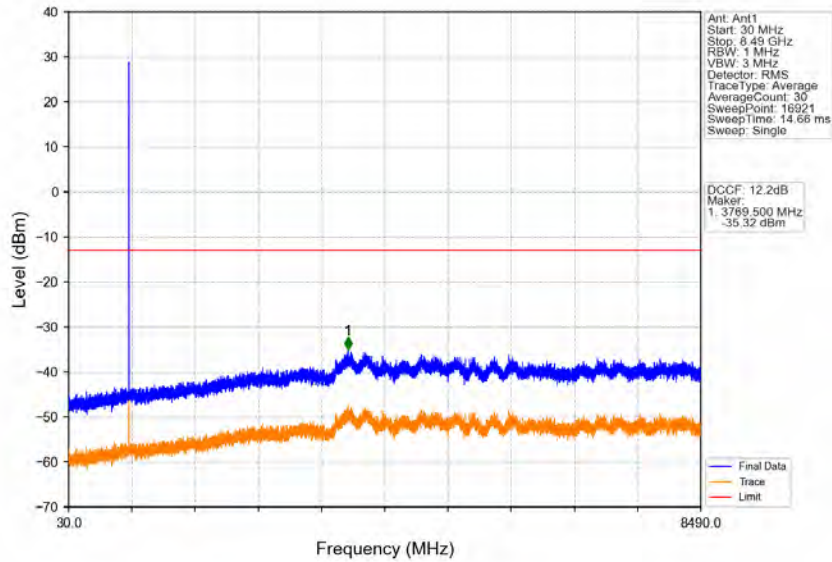
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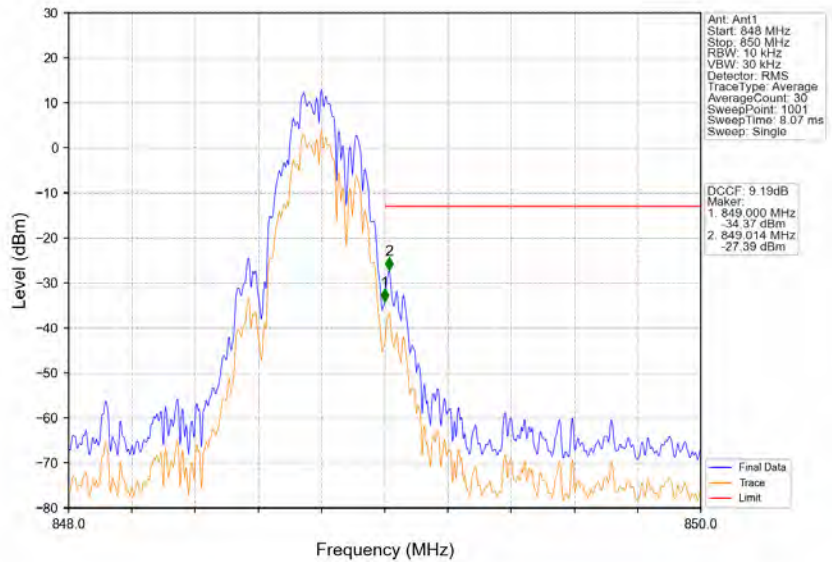
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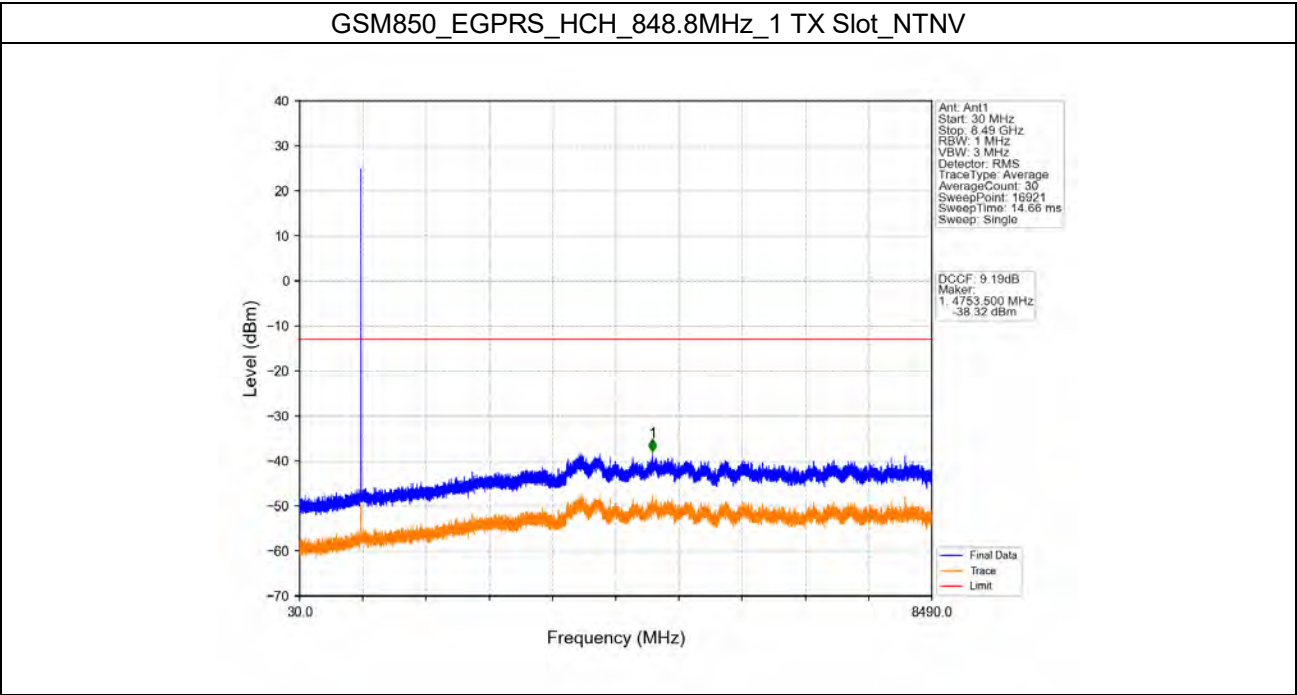
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Report No.: KSCR221000185706

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Appendix for PCS 1900

1. Effective (Isotropic) Radiated Power Output Data

1.1 PCS1900_EIRP

1.1.1 Test Result

Band: PCS1900								
ENV	Mode		Frequency (MHz)	Conducted Power (dBm)	Gain (dbi)	EIRP (dBm)		Verdict
	Network	Subset				Result	Limit	
NTNV	GSM	GSM	1850.2	29.12	-0.20	28.92	<=33.01	Pass
			1880	29.14	-0.20	28.94	<=33.01	Pass
			1909.8	29.04	-0.20	28.84	<=33.01	Pass
	GPRS	1 TX Slot	1850.2	29.13	-0.20	28.93	<=33.01	Pass
		2 TX Slots	1850.2	28.49	-0.20	28.29	<=33.01	Pass
		3 TX Slots	1850.2	26.86	-0.20	26.66	<=33.01	Pass
		4 TX Slots	1850.2	25.75	-0.20	25.55	<=33.01	Pass
		1 TX Slot	1880	29.12	-0.20	28.92	<=33.01	Pass
		2 TX Slots	1880	28.51	-0.20	28.31	<=33.01	Pass
		3 TX Slots	1880	26.89	-0.20	26.69	<=33.01	Pass
		4 TX Slots	1880	25.79	-0.20	25.59	<=33.01	Pass
		1 TX Slot	1909.8	29.02	-0.20	28.82	<=33.01	Pass
		2 TX Slots	1909.8	28.41	-0.20	28.21	<=33.01	Pass
		3 TX Slots	1909.8	26.80	-0.20	26.60	<=33.01	Pass
		4 TX Slots	1909.8	25.70	-0.20	25.50	<=33.01	Pass
	EGPRS	1 TX Slot	1850.2	24.51	-0.20	24.31	<=33.01	Pass
		2 TX Slots	1850.2	23.35	-0.20	23.15	<=33.01	Pass
		3 TX Slots	1850.2	21.12	-0.20	20.92	<=33.01	Pass
		4 TX Slots	1850.2	20.18	-0.20	19.98	<=33.01	Pass
		1 TX Slot	1880	24.22	-0.20	24.02	<=33.01	Pass
		2 TX Slots	1880	24.21	-0.20	24.01	<=33.01	Pass
		3 TX Slots	1880	21.27	-0.20	21.07	<=33.01	Pass
		4 TX Slots	1880	19.94	-0.20	19.74	<=33.01	Pass
		1 TX Slot	1909.8	24.28	-0.20	24.08	<=33.01	Pass
		2 TX Slots	1909.8	23.29	-0.20	23.09	<=33.01	Pass
		3 TX Slots	1909.8	21.37	-0.20	21.17	<=33.01	Pass
		4 TX Slots	1909.8	19.99	-0.20	19.79	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain



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2. Frequency Stability

2.1 PCS1900

2.1.1 Test Result

Band: PCS1900							
Network	Frequency (MHz)	Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
					Result	Limit	
GSM	1850.2	20	3.23	37.254	0.0201	-2.5 to 2.5	Pass
			3.80	26.479	0.0143	-2.5 to 2.5	Pass
			4.37	28.037	0.0152	-2.5 to 2.5	Pass
		-30	3.80	29.449	0.0159	-2.5 to 2.5	Pass
		-20	3.80	30.759	0.0166	-2.5 to 2.5	Pass
		-10	3.80	26.080	0.0141	-2.5 to 2.5	Pass
		0	3.80	30.514	0.0165	-2.5 to 2.5	Pass
		10	3.80	28.103	0.0152	-2.5 to 2.5	Pass
		30	3.80	25.227	0.0136	-2.5 to 2.5	Pass
		40	3.80	25.400	0.0137	-2.5 to 2.5	Pass
		50	3.80	29.504	0.0159	-2.5 to 2.5	Pass
	1880	20	3.23	19.094	0.0102	-2.5 to 2.5	Pass
			3.80	22.169	0.0118	-2.5 to 2.5	Pass
			4.37	21.192	0.0113	-2.5 to 2.5	Pass
		-30	3.80	19.753	0.0105	-2.5 to 2.5	Pass
		-20	3.80	19.094	0.0102	-2.5 to 2.5	Pass
		-10	3.80	25.980	0.0138	-2.5 to 2.5	Pass
		0	3.80	24.631	0.0131	-2.5 to 2.5	Pass
		10	3.80	21.419	0.0114	-2.5 to 2.5	Pass
		30	3.80	21.882	0.0116	-2.5 to 2.5	Pass
		40	3.80	20.633	0.0110	-2.5 to 2.5	Pass
		50	3.80	20.424	0.0109	-2.5 to 2.5	Pass
	1909.8	20	3.23	29.251	0.0153	-2.5 to 2.5	Pass
			3.80	28.383	0.0149	-2.5 to 2.5	Pass
			4.37	27.671	0.0145	-2.5 to 2.5	Pass
		-30	3.80	27.019	0.0141	-2.5 to 2.5	Pass
		-20	3.80	27.339	0.0143	-2.5 to 2.5	Pass
		-10	3.80	25.774	0.0135	-2.5 to 2.5	Pass
		0	3.80	26.265	0.0138	-2.5 to 2.5	Pass
		10	3.80	23.370	0.0122	-2.5 to 2.5	Pass
		30	3.80	29.799	0.0156	-2.5 to 2.5	Pass
		40	3.80	27.486	0.0144	-2.5 to 2.5	Pass
		50	3.80	31.169	0.0163	-2.5 to 2.5	Pass
GPRS	1850.2	20	3.23	30.683	0.0166	-2.5 to 2.5	Pass
			3.80	28.356	0.0153	-2.5 to 2.5	Pass
			4.37	25.908	0.0140	-2.5 to 2.5	Pass
		-30	3.80	25.677	0.0139	-2.5 to 2.5	Pass



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		-20	3.80	24.349	0.0132	-2.5 to 2.5	Pass
		-10	3.80	23.954	0.0129	-2.5 to 2.5	Pass
		0	3.80	23.879	0.0129	-2.5 to 2.5	Pass
		10	3.80	21.048	0.0114	-2.5 to 2.5	Pass
		30	3.80	21.112	0.0114	-2.5 to 2.5	Pass
		40	3.80	23.660	0.0128	-2.5 to 2.5	Pass
		50	3.80	27.179	0.0147	-2.5 to 2.5	Pass
	1880	20	3.23	23.228	0.0124	-2.5 to 2.5	Pass
			3.80	21.394	0.0114	-2.5 to 2.5	Pass
			4.37	21.110	0.0112	-2.5 to 2.5	Pass
		-30	3.80	22.430	0.0119	-2.5 to 2.5	Pass
		-20	3.80	19.389	0.0103	-2.5 to 2.5	Pass
		-10	3.80	21.379	0.0114	-2.5 to 2.5	Pass
		0	3.80	17.496	0.0093	-2.5 to 2.5	Pass
		10	3.80	16.964	0.0090	-2.5 to 2.5	Pass
		30	3.80	18.808	0.0100	-2.5 to 2.5	Pass
		40	3.80	14.298	0.0076	-2.5 to 2.5	Pass
		50	3.80	16.949	0.0090	-2.5 to 2.5	Pass
	1909.8	20	3.23	22.669	0.0119	-2.5 to 2.5	Pass
			3.80	18.780	0.0098	-2.5 to 2.5	Pass
			4.37	21.241	0.0111	-2.5 to 2.5	Pass
		-30	3.80	22.555	0.0118	-2.5 to 2.5	Pass
		-20	3.80	22.357	0.0117	-2.5 to 2.5	Pass
		-10	3.80	21.639	0.0113	-2.5 to 2.5	Pass
		0	3.80	18.381	0.0096	-2.5 to 2.5	Pass
		10	3.80	22.683	0.0119	-2.5 to 2.5	Pass
		30	3.80	20.369	0.0107	-2.5 to 2.5	Pass
		40	3.80	22.200	0.0116	-2.5 to 2.5	Pass
		50	3.80	22.111	0.0116	-2.5 to 2.5	Pass
EGPRS	1850.2	20	3.23	16.946	0.0092	-2.5 to 2.5	Pass
			3.80	17.114	0.0092	-2.5 to 2.5	Pass
			4.37	19.722	0.0107	-2.5 to 2.5	Pass
		-30	3.80	13.347	0.0072	-2.5 to 2.5	Pass
		-20	3.80	16.914	0.0091	-2.5 to 2.5	Pass
		-10	3.80	20.813	0.0112	-2.5 to 2.5	Pass
		0	3.80	16.047	0.0087	-2.5 to 2.5	Pass
		10	3.80	12.749	0.0069	-2.5 to 2.5	Pass
		30	3.80	19.199	0.0104	-2.5 to 2.5	Pass
		40	3.80	19.875	0.0107	-2.5 to 2.5	Pass
		50	3.80	15.990	0.0086	-2.5 to 2.5	Pass
	1880	20	3.23	18.611	0.0099	-2.5 to 2.5	Pass
			3.80	18.992	0.0101	-2.5 to 2.5	Pass
			4.37	20.469	0.0109	-2.5 to 2.5	Pass
		-30	3.80	21.651	0.0115	-2.5 to 2.5	Pass
		-20	3.80	21.964	0.0117	-2.5 to 2.5	Pass
		-10	3.80	18.999	0.0101	-2.5 to 2.5	Pass
		0	3.80	14.274	0.0076	-2.5 to 2.5	Pass



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		10	3.80	16.171	0.0086	-2.5 to 2.5	Pass
		30	3.80	21.479	0.0114	-2.5 to 2.5	Pass
		40	3.80	10.842	0.0058	-2.5 to 2.5	Pass
		50	3.80	22.492	0.0120	-2.5 to 2.5	Pass
	1909.8	20	3.23	17.040	0.0089	-2.5 to 2.5	Pass
			3.80	25.865	0.0135	-2.5 to 2.5	Pass
			4.37	17.829	0.0093	-2.5 to 2.5	Pass
		-30	3.80	21.401	0.0112	-2.5 to 2.5	Pass
		-20	3.80	20.387	0.0107	-2.5 to 2.5	Pass
		-10	3.80	19.732	0.0103	-2.5 to 2.5	Pass
		0	3.80	24.444	0.0128	-2.5 to 2.5	Pass
		10	3.80	25.189	0.0132	-2.5 to 2.5	Pass
		30	3.80	18.202	0.0095	-2.5 to 2.5	Pass
		40	3.80	23.205	0.0122	-2.5 to 2.5	Pass
		50	3.80	22.952	0.0120	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 PCS1900_OBW

3.1.1 Test Result

Band: PCS1900					
ENV	Mode		Frequency (MHz)	99% Occupied Bandwidth (MHz)	Verdict
	Network	Subset		Result	
NTNV	GSM	GSM	1850.2	0.244	Pass
			1880	0.250	Pass
			1909.8	0.235	Pass
	GPRS	1 TX Slot	1850.2	0.244	Pass
			1880	0.247	Pass
			1909.8	0.241	Pass
	EGPRS	1 TX Slot	1850.2	0.253	Pass
			1880	0.240	Pass
			1909.8	0.247	Pass



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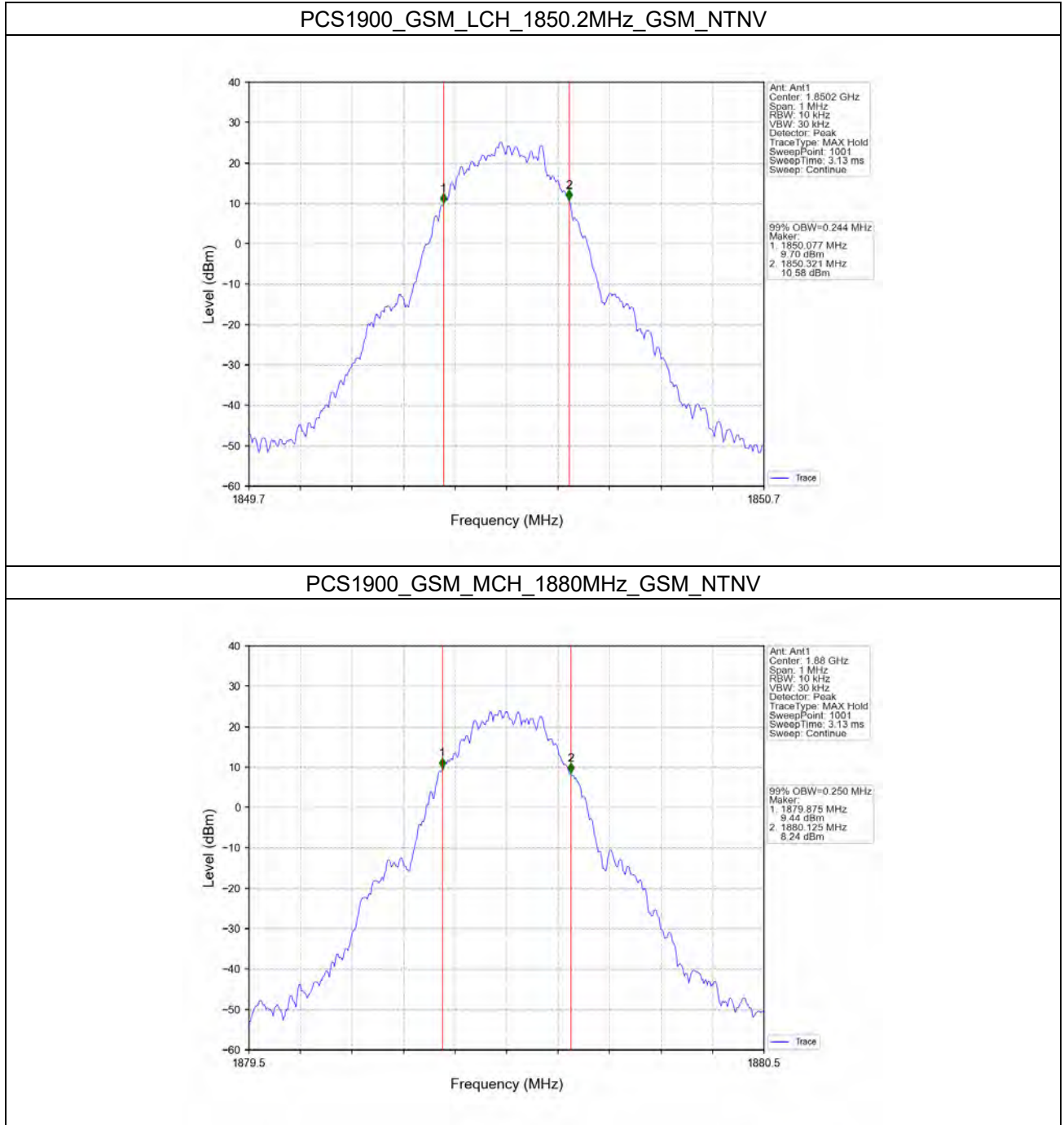
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3.1.2 Test Graph



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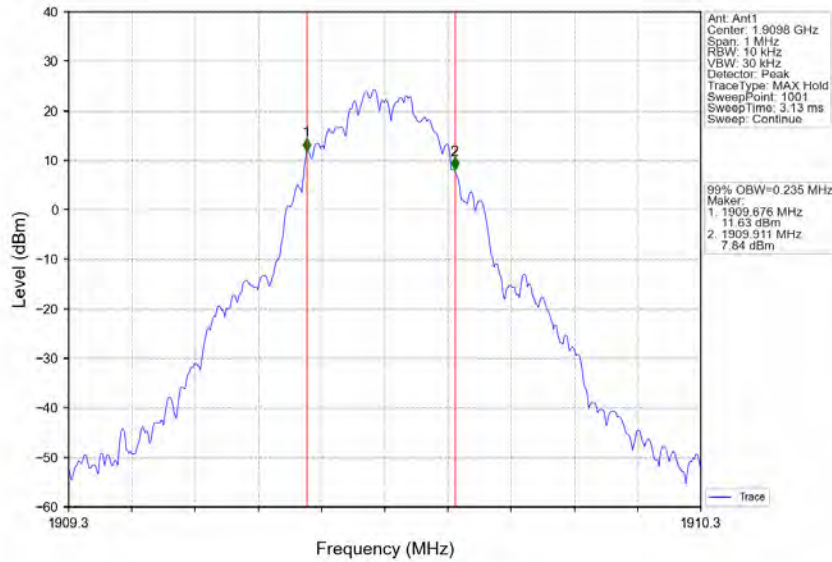
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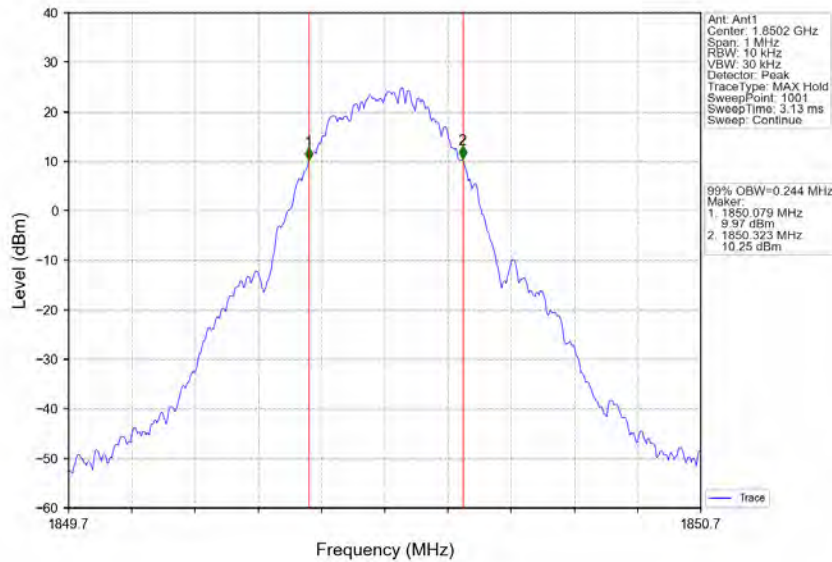
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PCS1900_GSM_HCH_1909.8MHz_GSM_NTNV



PCS1900_GPRS_LCH_1850.2MHz_1 TX Slot NTN



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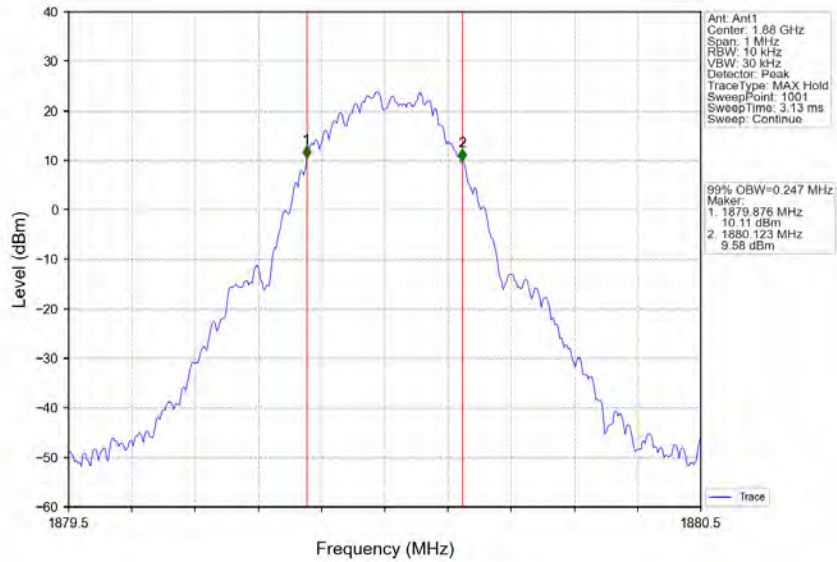
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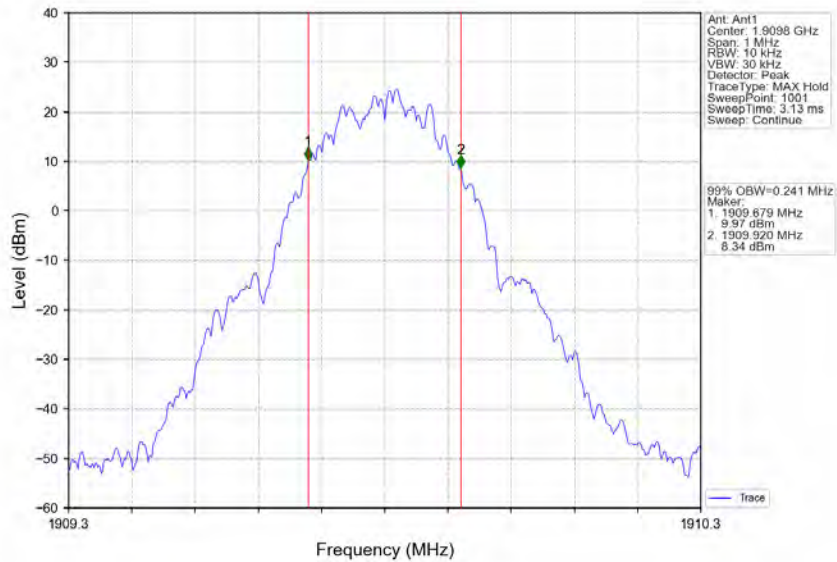
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PCS1900_GPRS_MCH_1880MHz_1 TX Slot_NTNV



PCS1900_GPRS_HCH_1909.8MHz_1 TX Slot_NTNV



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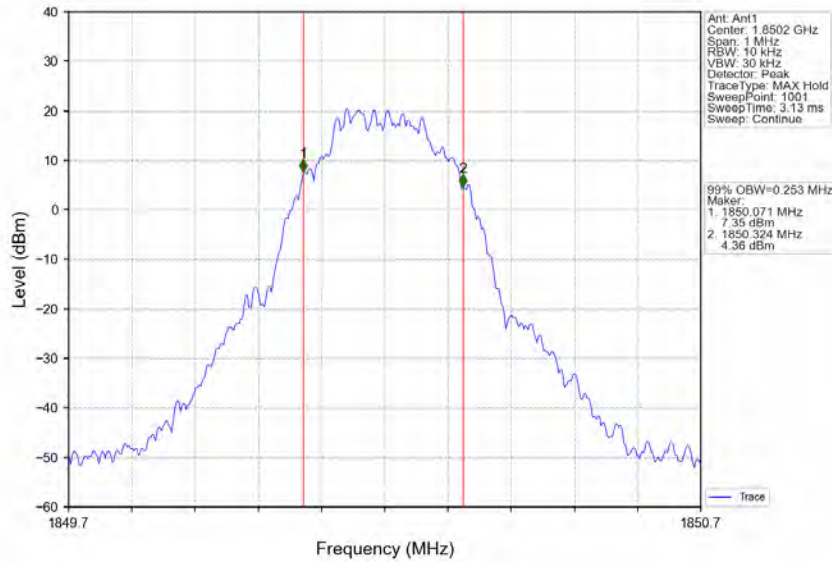
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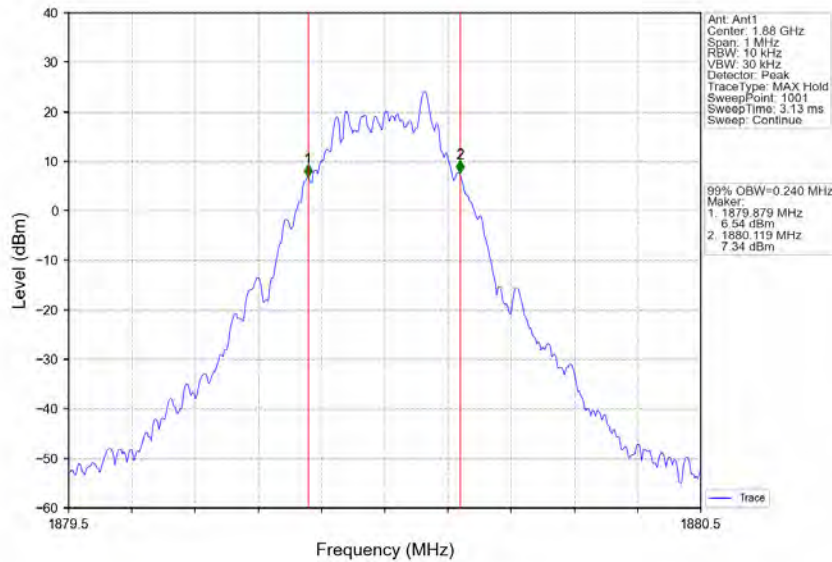
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PCS1900_EGPRS_MCH_1880MHz_1 TX Slot_NTNV



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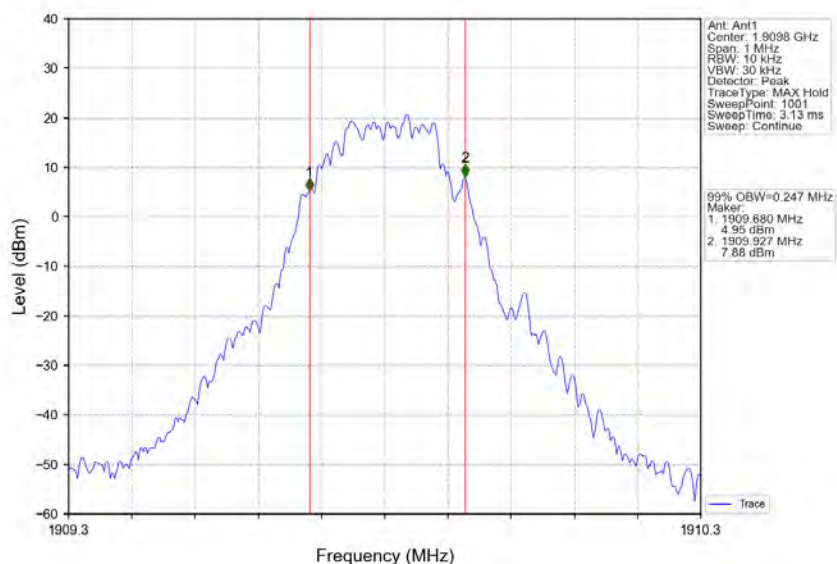
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3.2 PCS1900_XDB

3.2.1 Test Result

Band: PCS1900					
ENV	Mode		Frequency (MHz)	26dB Bandwidth (MHz)	Verdict
	Network	Subset		Result	
NTNV	GSM	GSM	1850.2	0.318	Pass
			1880	0.318	Pass
			1909.8	0.318	Pass
	GPRS	1 TX Slot	1850.2	0.314	Pass
			1880	0.326	Pass
			1909.8	0.315	Pass
	EGPRS	1 TX Slot	1850.2	0.321	Pass
			1880	0.312	Pass
			1909.8	0.309	Pass



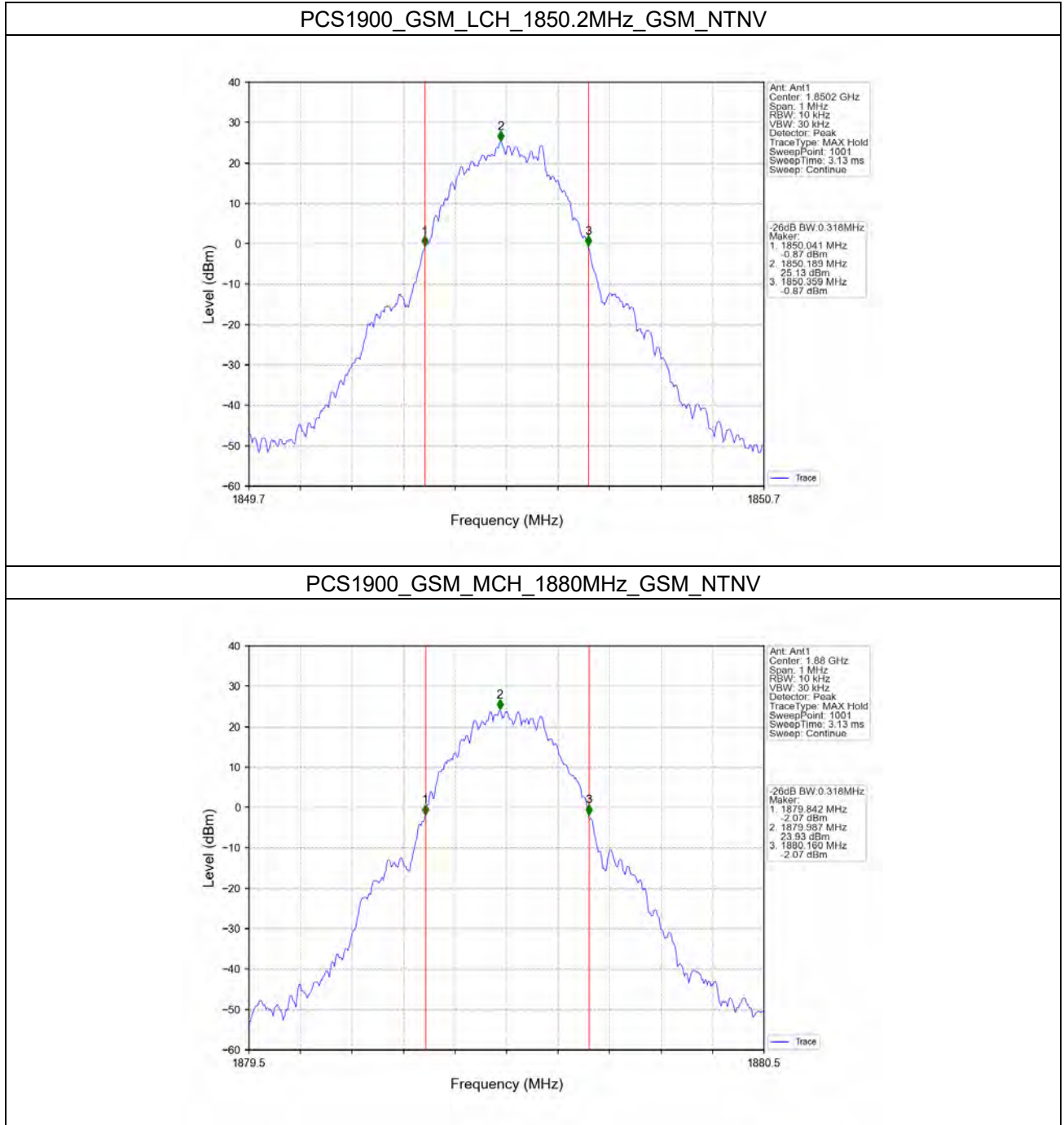
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3.2.2 Test Graph



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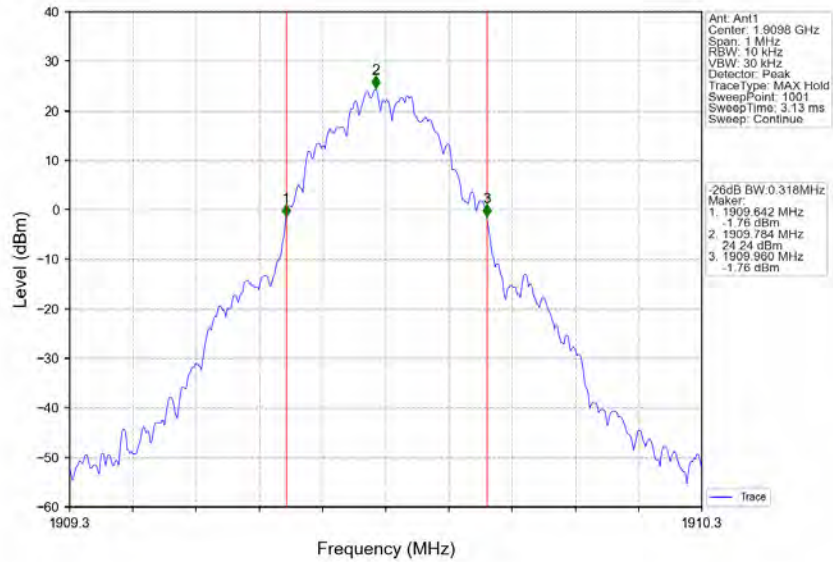
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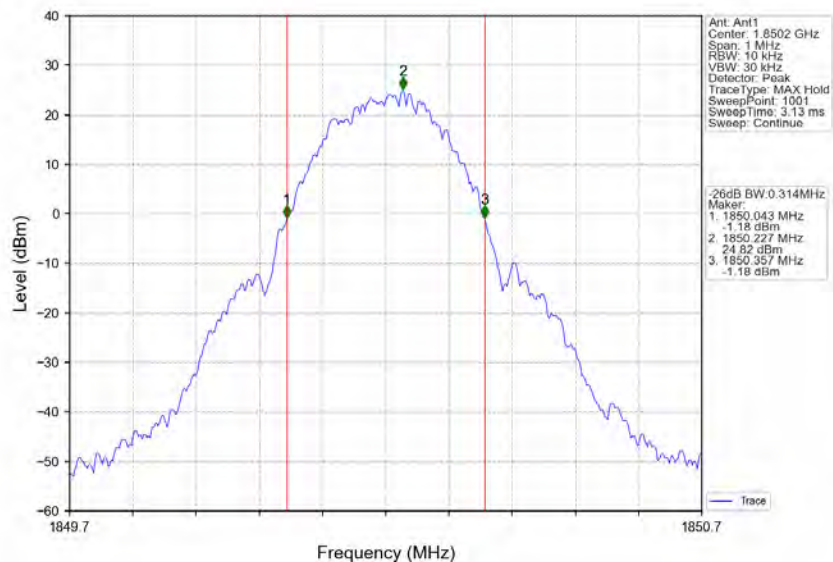
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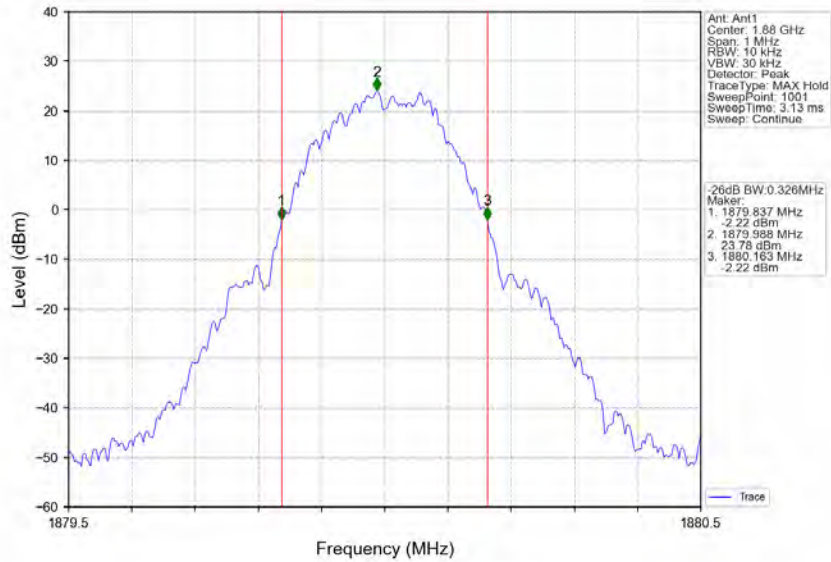
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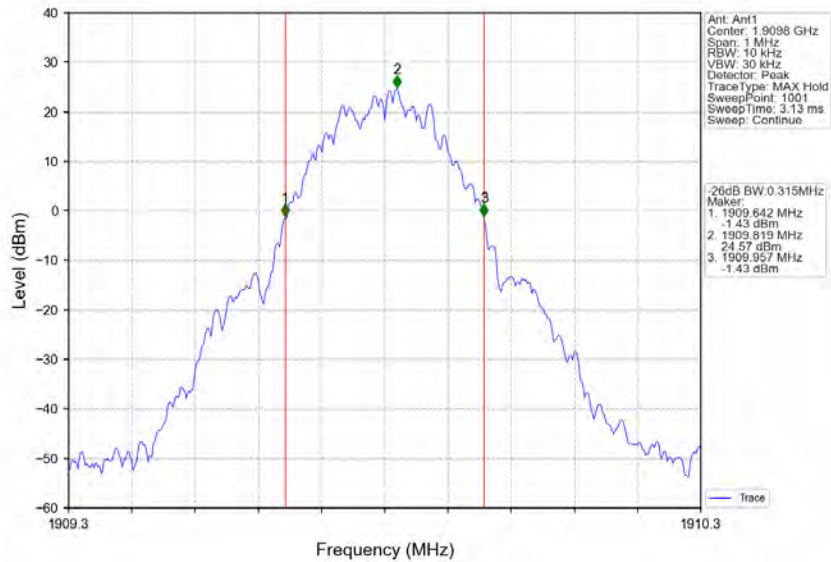
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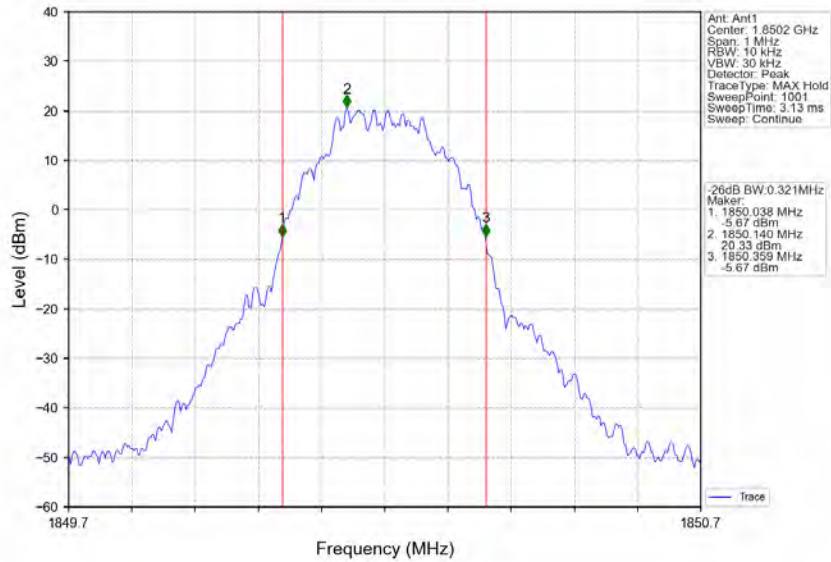
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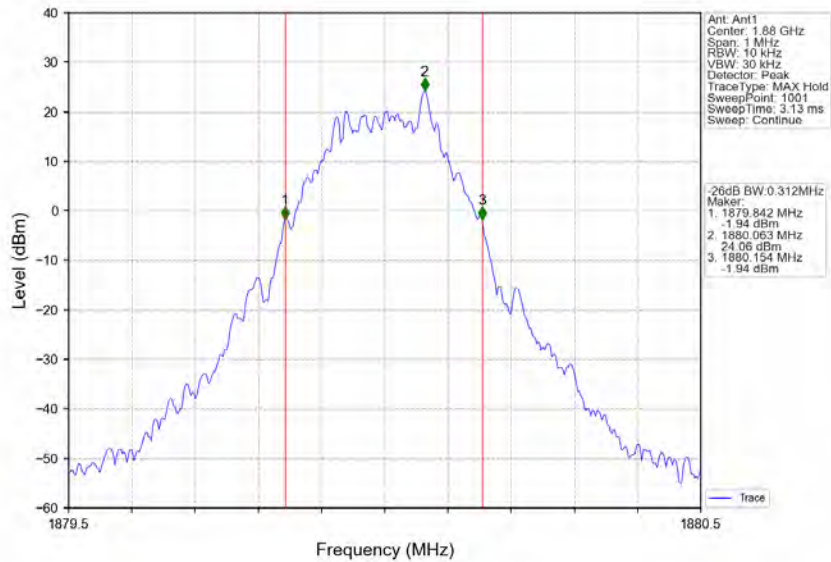
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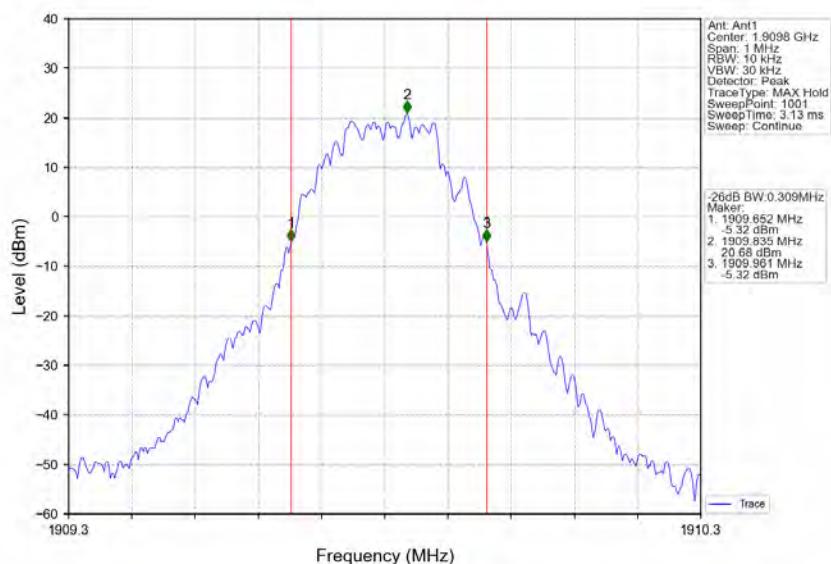
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4. Peak-Average Ratio

4.1 PCS1900

4.1.1 Test Result

Band: PCS1900						
ENV	Mode		Frequency (MHz)	Peak-Average Ratio (dB)		Verdict
	Network	Subset		Result	Limit	
NTNV	GSM	GSM	1850.2	9.49	<=13	Pass
			1880	9.50	<=13	Pass
			1909.8	9.63	<=13	Pass
	GPRS	4 TX Slots	1850.2	9.80	<=13	Pass
			1880	3.60	<=13	Pass
			1909.8	3.52	<=13	Pass
	EGPRS	4 TX Slots	1850.2	12.47	<=13	Pass
			1880	9.57	<=13	Pass
			1909.8	9.92	<=13	Pass



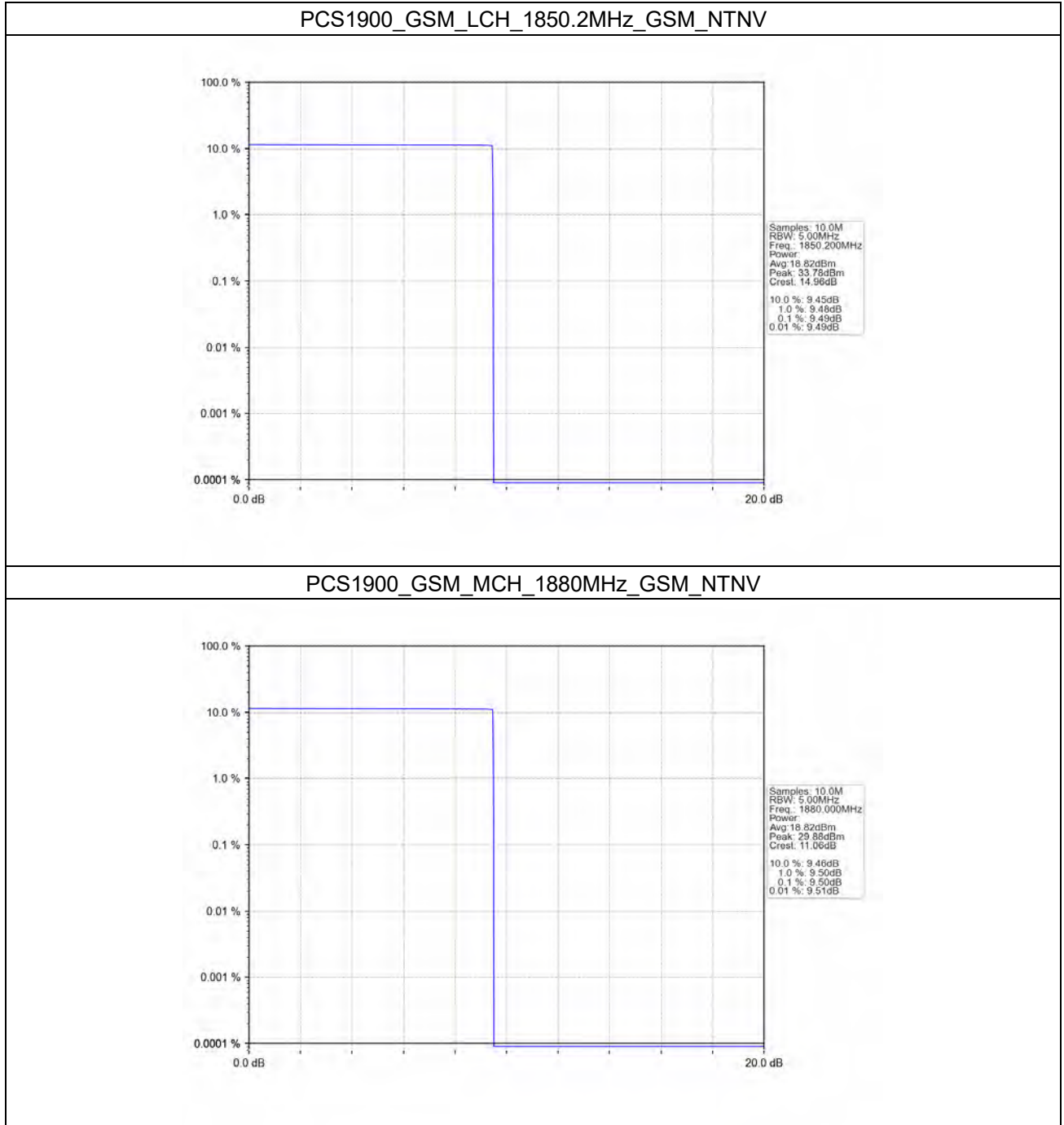
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4.1.2 Test Graph



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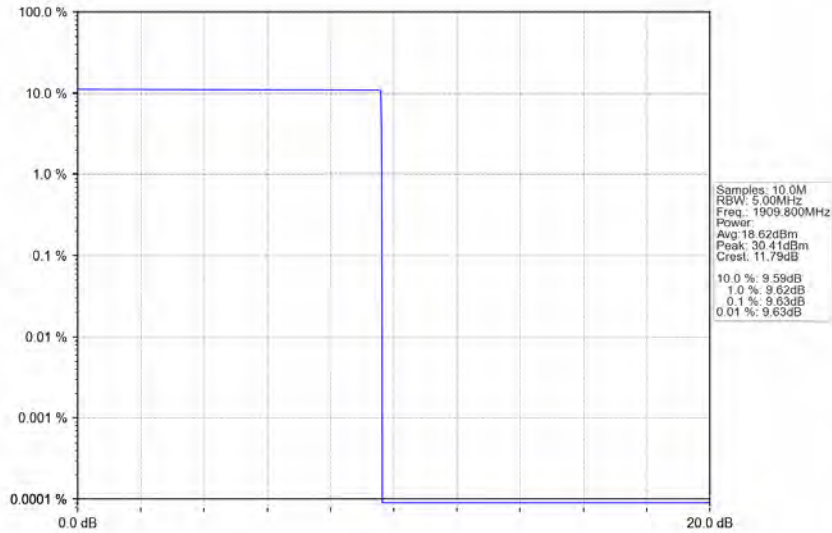
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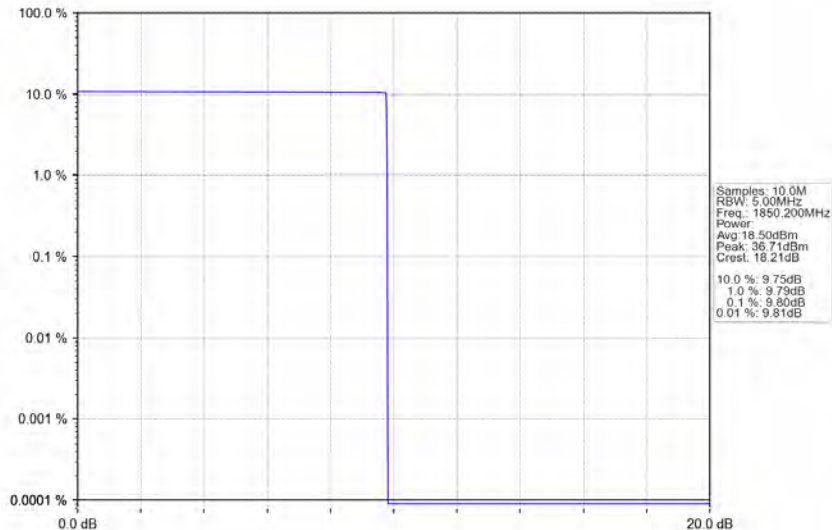
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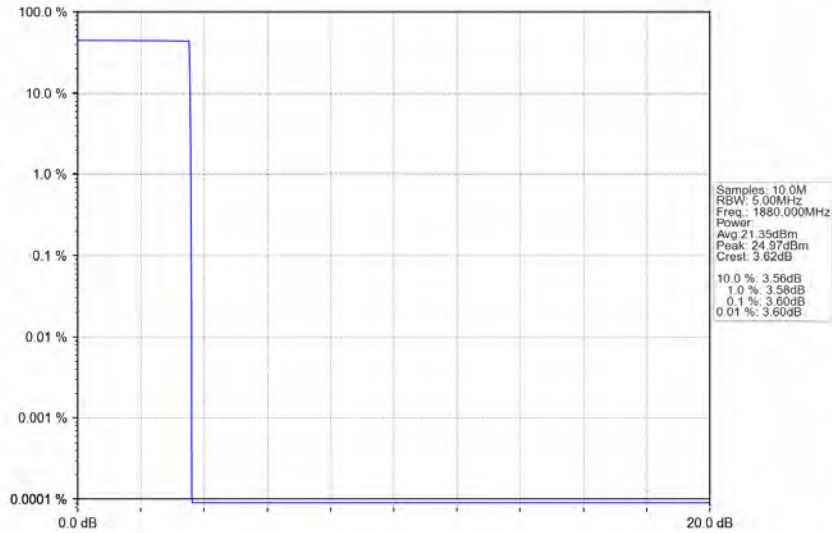
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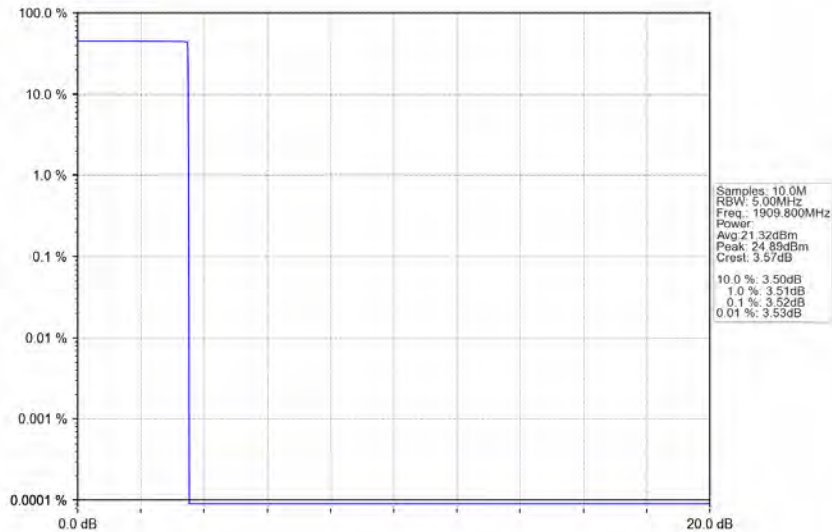
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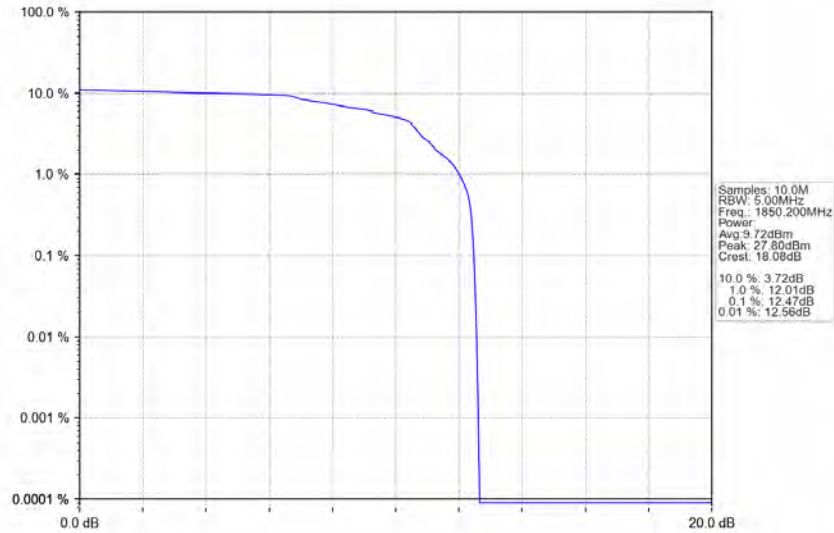
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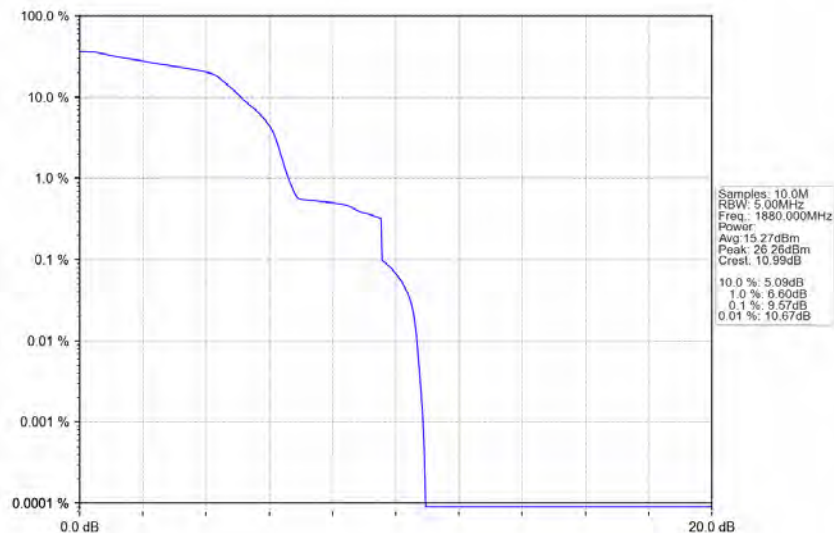
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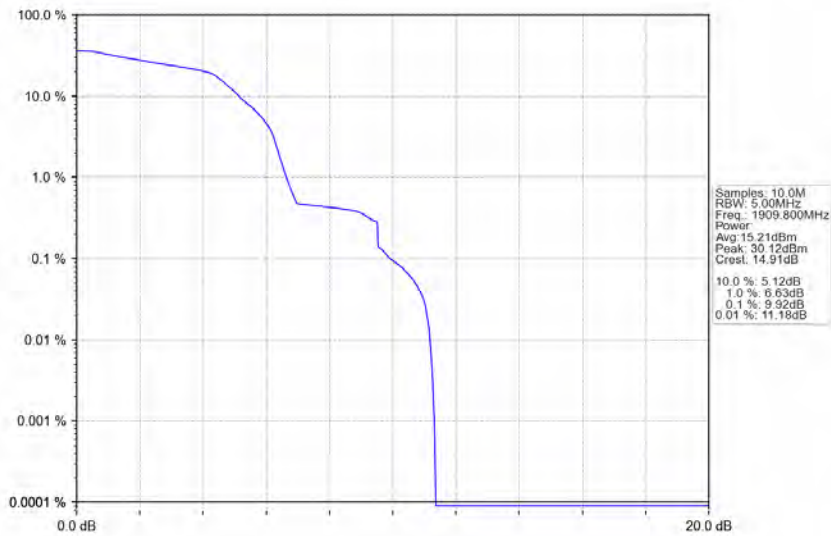
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Report No.: KSCR221000185706

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5. Spurious Emission

5.1 PCS1900

5.1.1 Test Result

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



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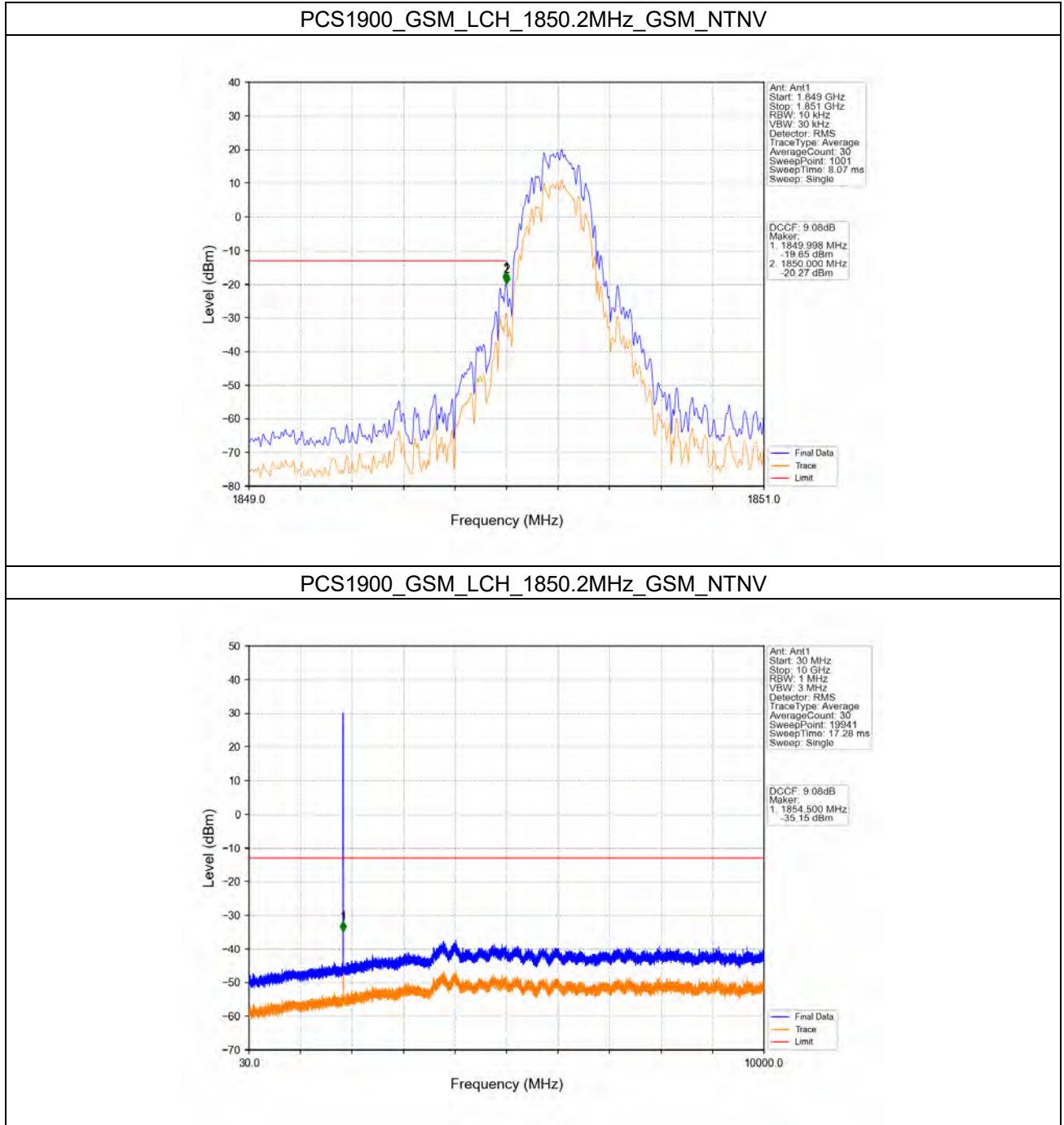
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5.1.2 Test Graph



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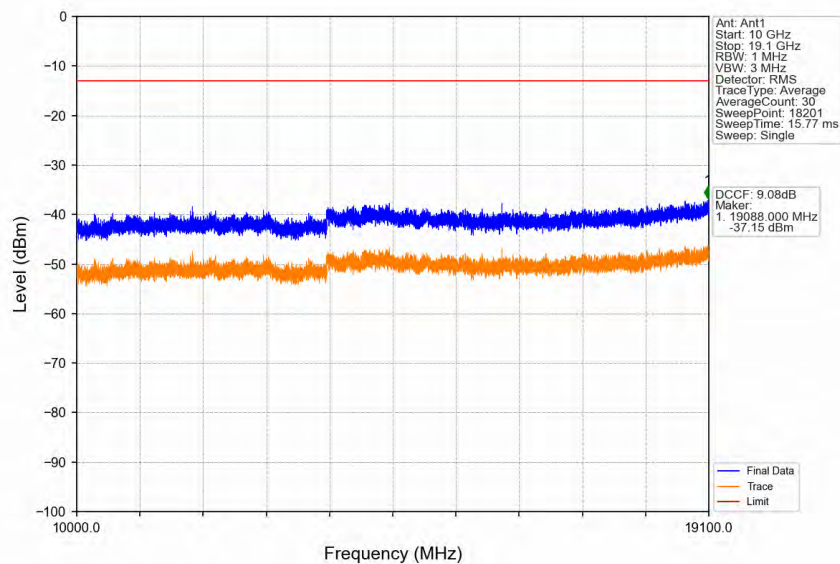
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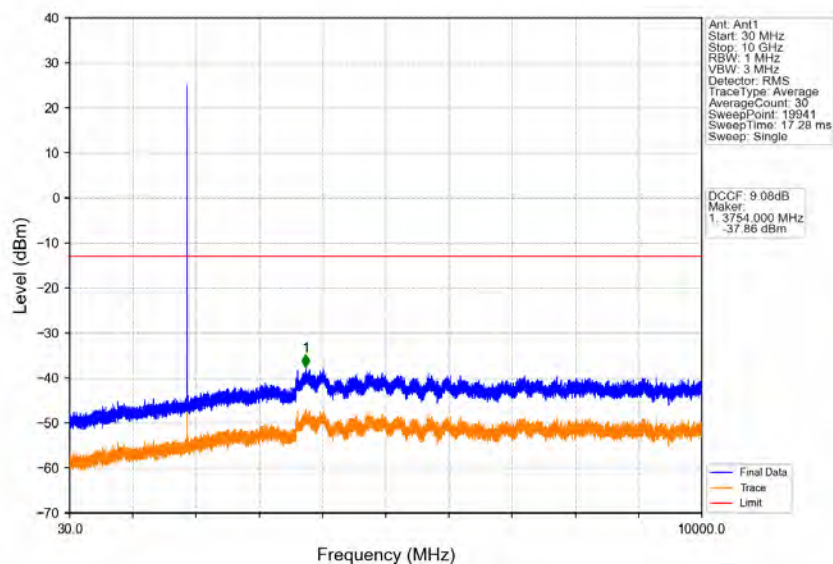
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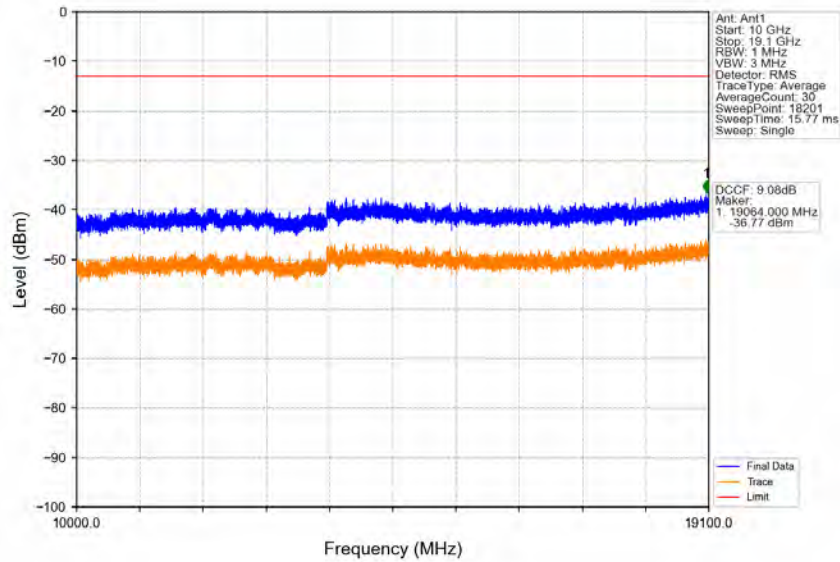
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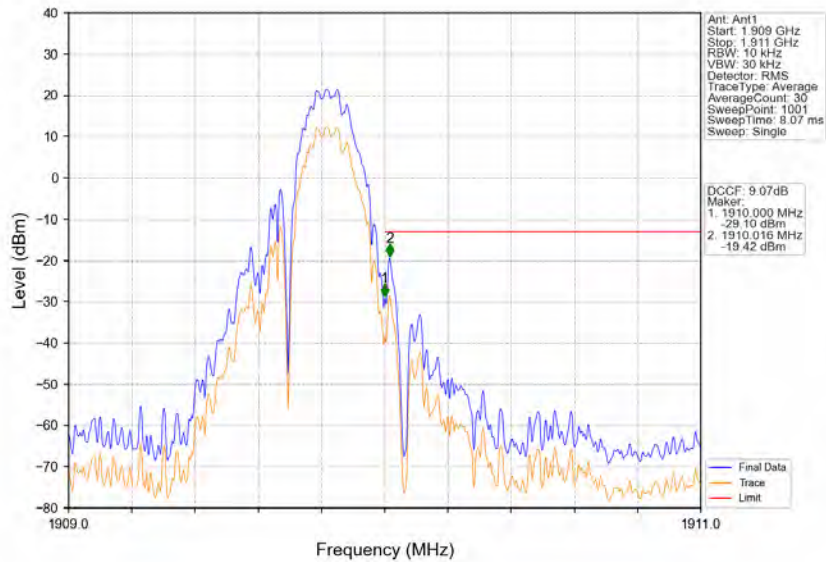
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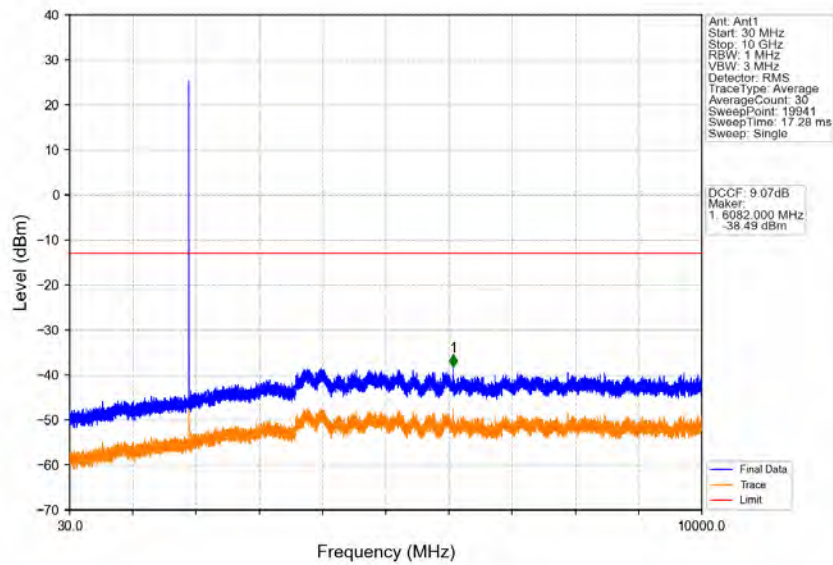
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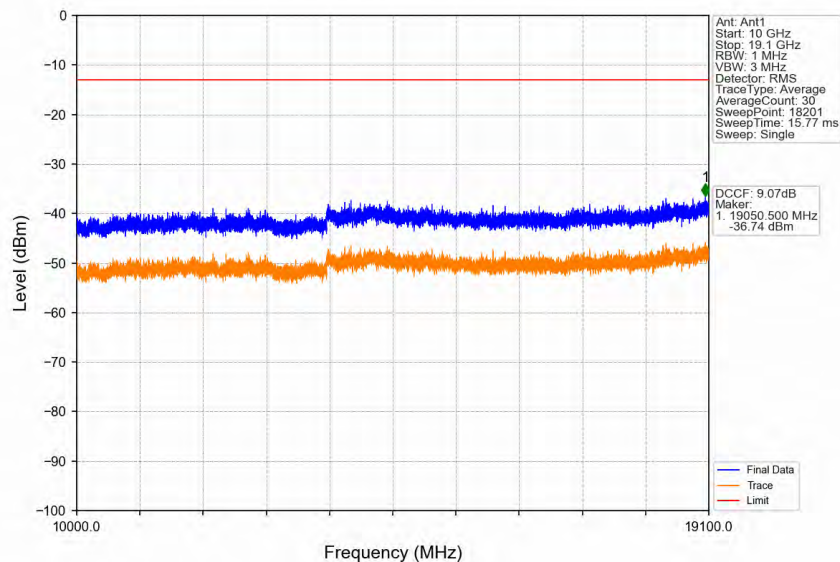
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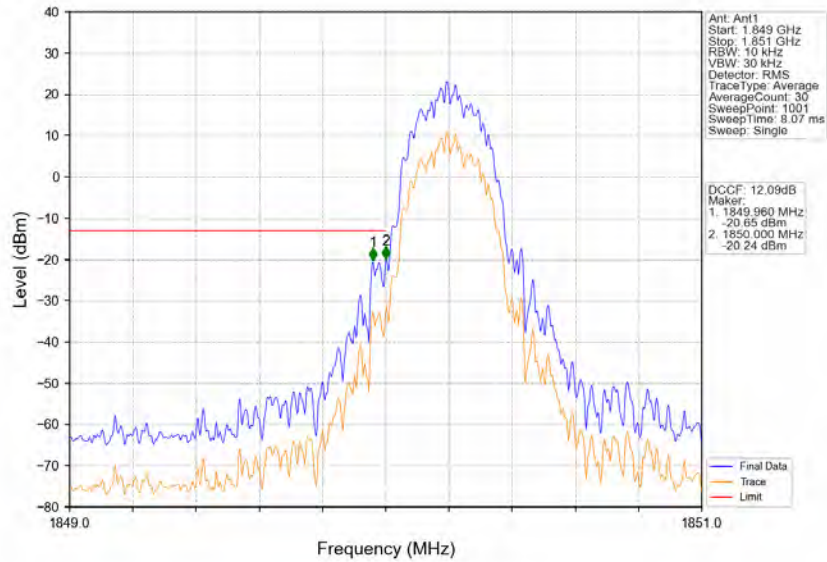
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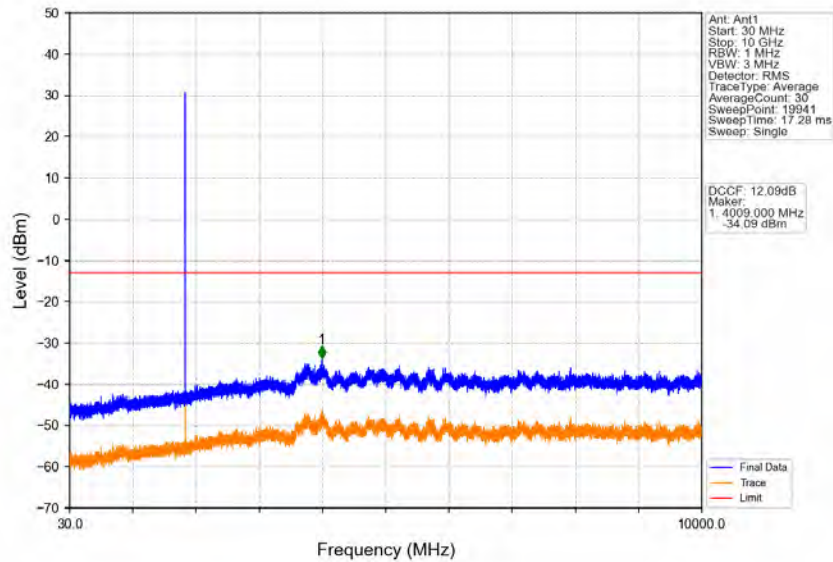
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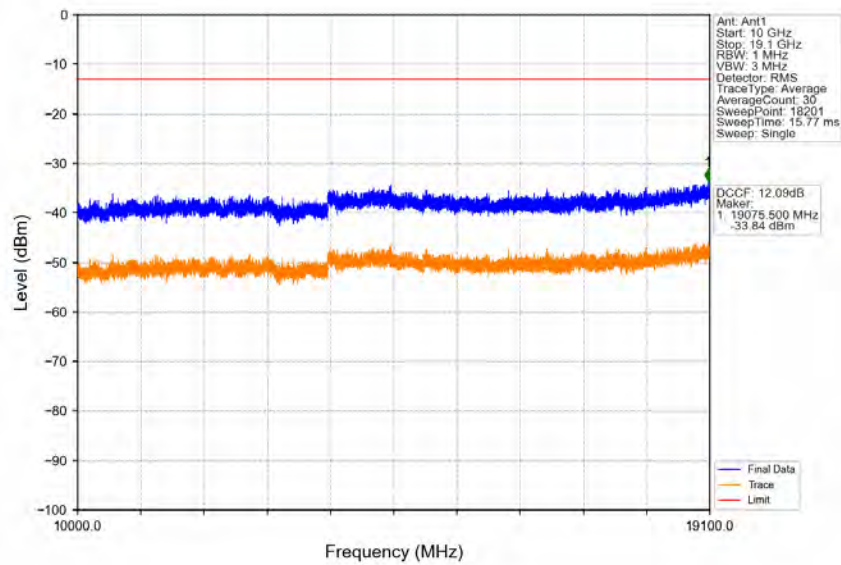
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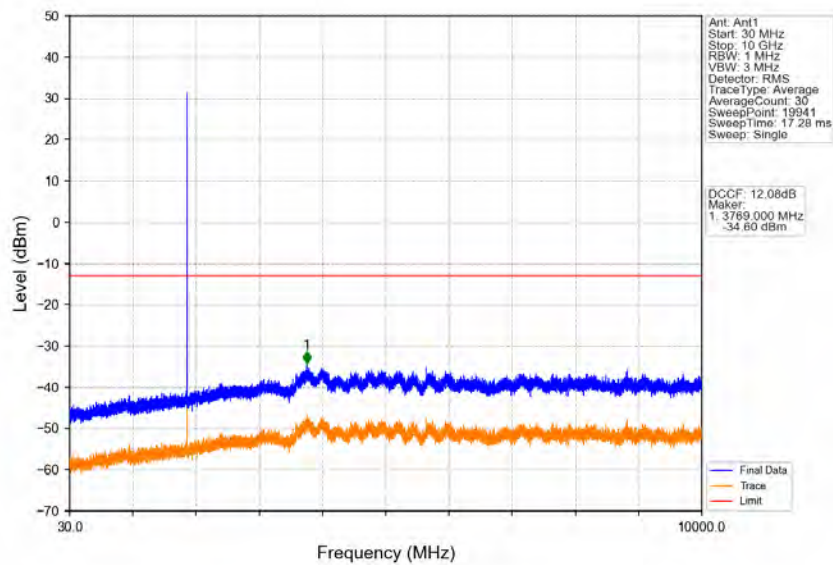
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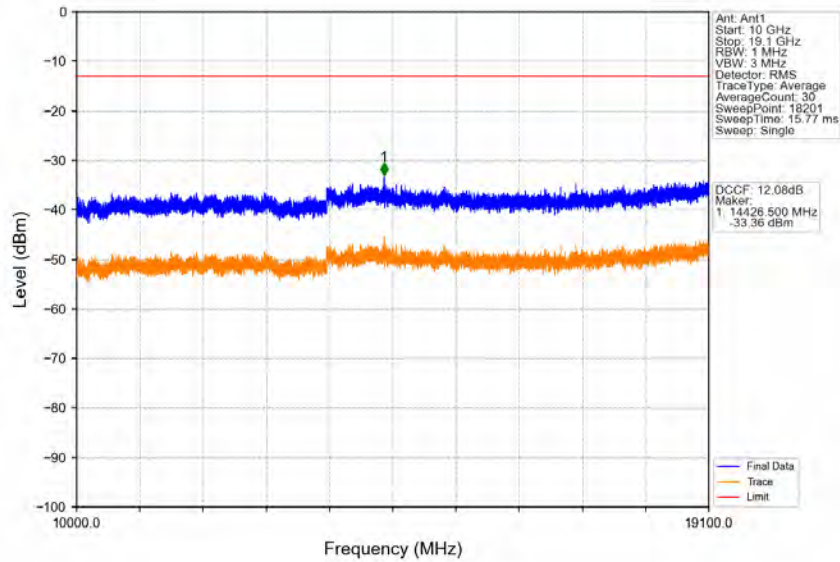
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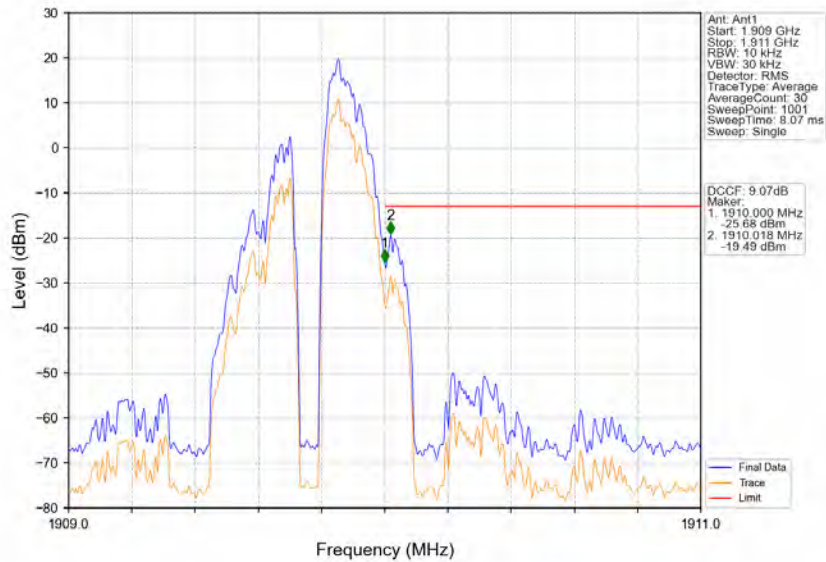
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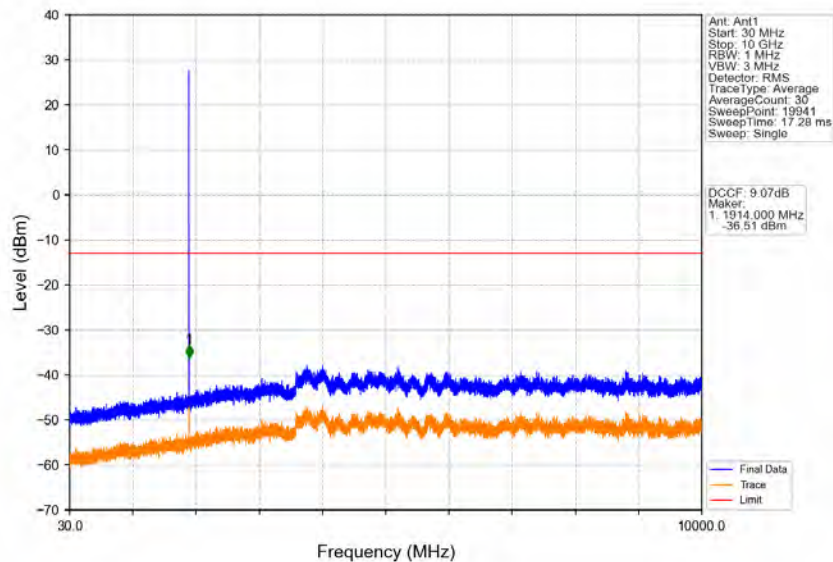
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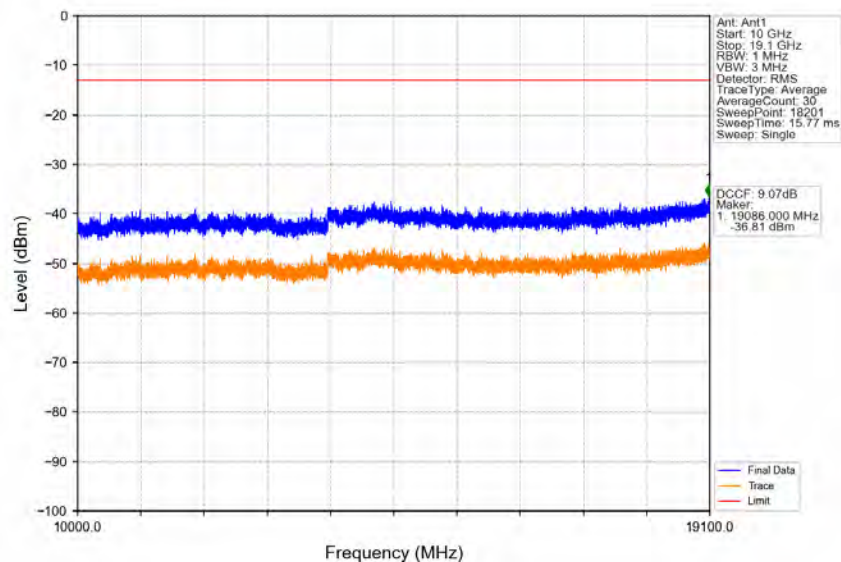
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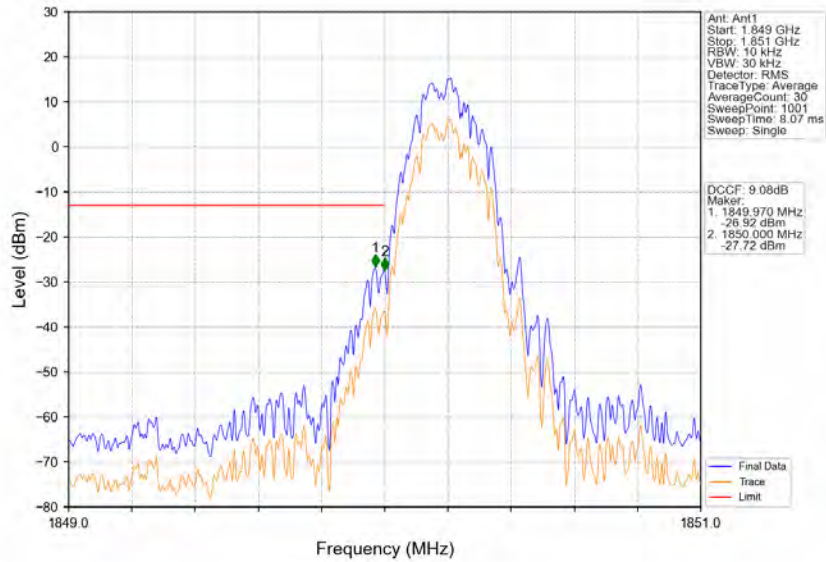
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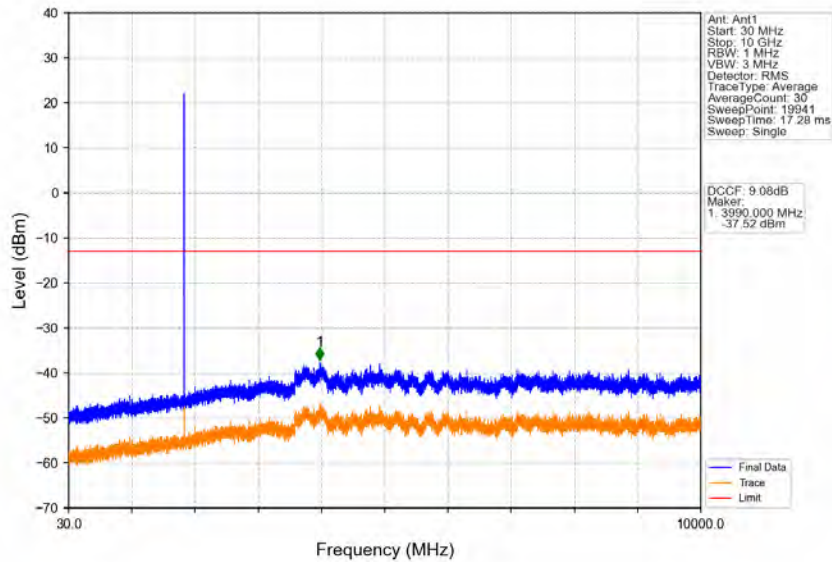
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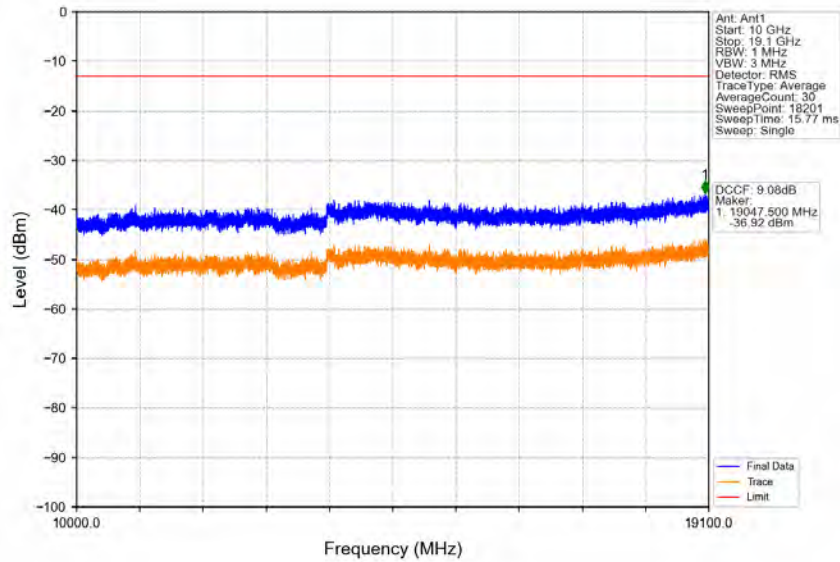
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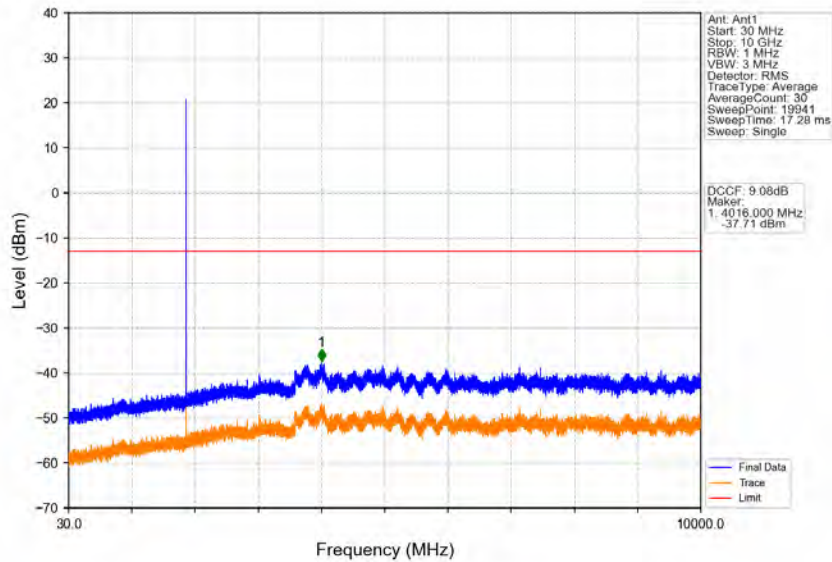
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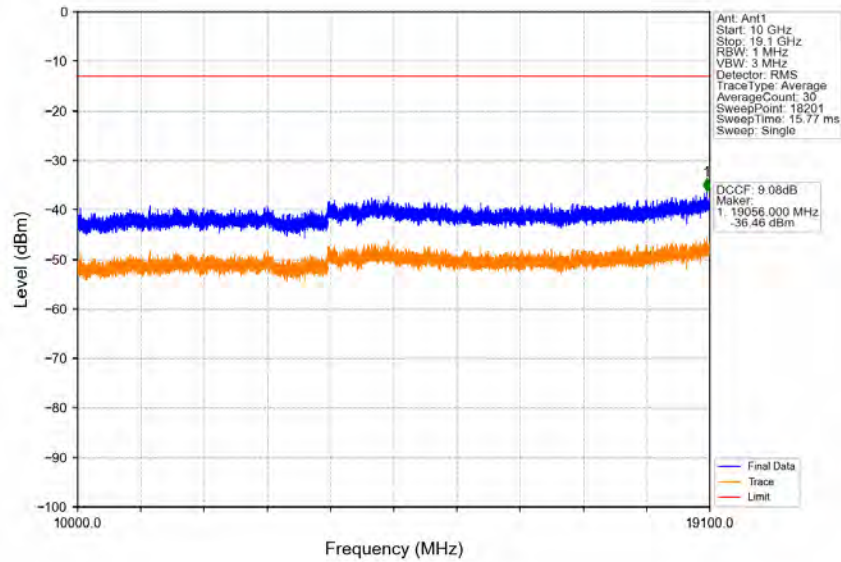
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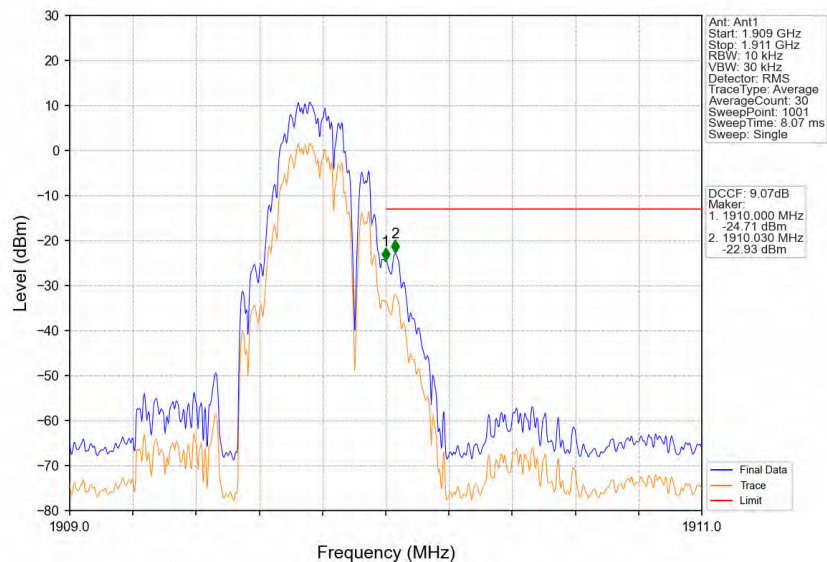
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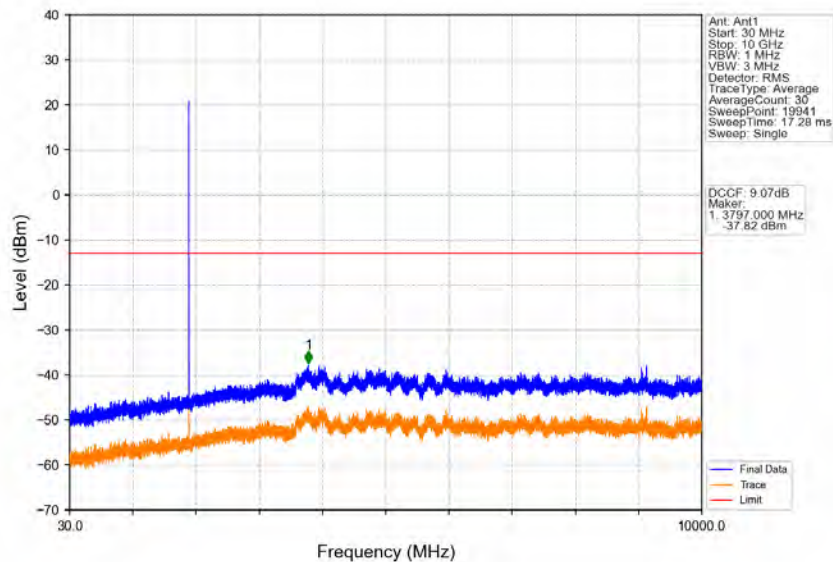
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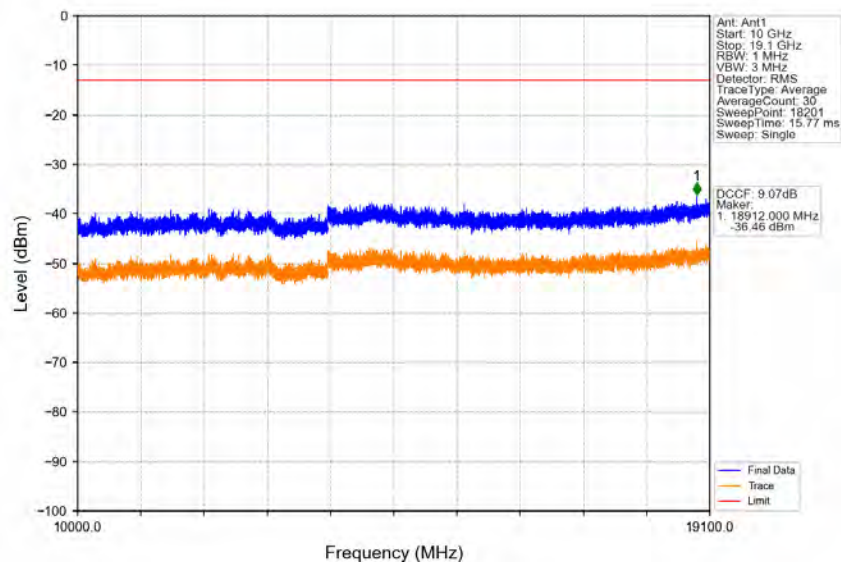
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- End of the Report -



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