

Product Name: Tablet	Report No: ITEZA202300349RF6
Product Model: R08, R08 Pro, R08S, R08T, R08 Max, R08 Ultra	Security Classification: Open
Version: V1.0	Total Page: 247

TIRT Testing Report

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RF TEST REPORT

FCC ID: 2AX4YR08

According to

FCC CFR Title 47 Part 2
FCC CFR Title 47 Part 22 Subpart H
FCC CFR Title 47 Part 24 Subpart E
FCC CFR Title 47 Part 27

Equipment : Tablet
Model No. : R08, R08 Pro, R08S, R08T, R08 Max, R08 Ultra
Trademark : DOOGEE
Applicant : Shenzhen DOOGEE Hengtong Technology CO.,LTD
B, 2/F, Building A4, Silicon Valley Power Digital Industrial Park, No. 22,
Longhua New District, Shenzhen, China

- The test result referred exclusively to the presented test model /sample.
- Without written approval of TIRT Inc. the test report shall not reproduced except in full.
- Test date: 2023/11/07~2023/11/15

Lab: Beijing TIRT Technology Service Co.,Ltd Shenzhen

Add: 104 Building C, Xinmingsheng Industrial Park No.132, Zhangge Old Village East
Zone, Zhangge Community, Fucheng Street, Longhua District, Shenzhen, Guangdong,
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1 Test Summary

Test Item	Section in CFR 47	Result
RF Exposure (SAR)	Part 1.1307 Part 2.1093	Pass* (Please refer to SAR Report)
RF Output Power	Part 2.1046 Part 22.913 (a)(2) Part 24.232 (c) Part 27.50(d)	Pass
Peak-to-Average Ratio	Part 2.1046 Part 24.232 (d) Part 27.50(d)	Pass
Modulation Characteristics	Part 2.1047	Pass
99% & -26 dB Occupied Bandwidth	Part 2.1049 Part 22.917 Part 24.238	Pass
Spurious Emissions at Antenna Terminal	Part 2.1051 Part 22.917 (a) Part 24.238 (a) Part 27.53(g)	Pass
Field Strength of Spurious Radiation	Part 2.1053 Part 22.917 (a) Part 24.238 (a) Part 27.53(g)	Pass
Out of band emission, Band Edge	Part 22.917 (a) Part 24.238 (a) Part 27.53(g)	Pass
Frequency stability vs. temperature	Part 2.1055(a)(1)(b) Part 27.54	Pass
Frequency stability vs. voltage	Part 2.1055(d)(1)(2) Part 27.54	Pass

Note: 1. Pass: The EUT complies with the essential requirements in the standard.

2. The conclusion of this test report is judged by actual test data without considering measurement uncertainty.

2 General Information

2.1 General Description of EUT

EUT Name	:	Tablet
Model No.	:	R08, R08 Pro, R08S, R08T, R08 Max, R08 Ultra
DIFF.	:	There is no difference except the name of the model. All tests are made with the R08 model.
Power supply	:	DC 3.8V from battery or DC5V from adapter

Support Networks	:	GSM, GPRS, EGPRS, WCDMA
Support Bands	:	GSM850, PCS1900, WCDMA Band V, WCDMA Band IV, WCDMA Band II
TX Frequency	:	GSM850: 824.20MHz-848.80MHz PCS1900: 1850.20MHz-1909.80MHz WCDMA Band V: 826.40MHz -846.60MHz WCDMA Band II: 1852.40MHz -1907.60MHz WCDMA Band IV: 1712.4 MHz -1752.6MHz
GPRS Class	:	12
EGPRS Class	:	12
Modulation type	:	GSM/GPRS: GMSK EGPRS: GMSK/8PSK WCDMA Band II/IV/V: QPSK
Antenna type	:	PIFA antenna
Antenna gain	:	Maximum Gain is -2.1dBi for GSM 850 Maximum Gain is 0.8dBi for PCS1900 Maximum Gain is -2.1dBi for WCDMA Band V Maximum Gain is 1.1dBi for WCDMA Band IV Maximum Gain is 0.8dBi for WCDMA Band II Antenna information is provided by applicant. There is WWAN diversity antenna inside the product, which is only for receiving function.
Software version	:	DOOGEE-R08-EEA-Android13.0-20231109
Hardware version	:	WT_P101_8788_BJJ_MB_V0.1_20230920

Remark: 1.The worst-case simultaneous transmission configuration was evaluated with no non-compliance found. Results in this report are only for 2G and 3G function, and there is no other transmitter involved.

Operation Frequency List:

GSM 850		PCS1900		WCDMA Band V		WCDMA Band II	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
128	824.20	512	1850.20	4132	826.40	9262	1852.40
129	824.40	513	1850.40	4133	826.60	9263	1852.60
· ∴	· ∴	· ∴	· ∴	· ∴	· ∴	· ∴	· ∴
189	836.40	660	1879.80	4181	836.20	9399	1879.80
190	836.60	661	1880.00	4182	836.40	9400	1880.00
191	836.80	662	1880.20	4183	836.60	9401	1880.20
· ∴	· ∴	· ∴	· ∴	· ∴	· ∴	· ∴	· ∴
250	848.60	809	1909.60	4232	846.40	9537	1907.40
251	848.80	810	1909.80	4233	846.60	9538	1907.60

Regards to the operating frequency range over 10 MHz, the Lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, and the selected channel see below:

Final test channel:

GSM 850		PCS1900		WCDMA Band V		WCDMA Band II	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
128	824.20	512	1850.20	4132	826.40	9262	1852.40
190	836.60	661	1880.00	4183	836.60	9400	1880.00
251	848.80	810	1909.80	4233	846.60	9538	1907.60
WCDMA Band IV							
Channel		Frequency (MHz)					
1312		1712.4					
1450		1740.0					
1513		1752.6					

2.2 Related Submittal(s) / Grant (s)

This submittal(s) (test report) is filing to comply with Section Part 22 subpart H and Part 24 subpart E of the FCC CFR 47 Rules.

2.3 Test Methodology

Both conducted and radiated testing were performed according to the procedures document on TIA/EIA 603 and FCC CFR 47.1046, 2.1047, 2.1049, 2.1051, 2.1053, 2.1055 and 2.1057

2.4 Test Facility

Company:	Beijing TIRT Technology Service Co.,Ltd Shenzhen
Address:	104 Building C, Xinmingsheng Industrial Park No.132, Zhangge Old Village East Zone, Zhangge Community, Fucheng Street, Longhua District, Shenzhen, Guangdong, P. R. China
CNAS Registration Number:	CNAS L14158
A2LA Registration Number:	6049.01
FCC Accredited Lab. Designation Number:	CN1366
FCC Test Firm Registration Number:	820690
Telephone:	+86-0755-27087573

2.5 Measurement Uncertainty

Uncertainty	
Parameter	Uncertainty
Occupied Channel Bandwidth	±142.12 KHz
RF power conducted	±0.74 dB
RF power radiated	±3.25dB
Spurious emissions, conducted	±1.78dB
Spurious emissions, radiated (9KHz~30MHz)	±2.56dB
Spurious emissions, radiated (30MHz~1GHz)	±4.6dB
Spurious emissions, radiated (Above 1GHz)	±4.9dB
Conduction Emissions(150kHz~30MHz)	±3.1 dB
Humidity	±4.6%
Temperature	±0.7°C
Time	±1.25%

3 Test Instruments list

No.	Equipment	Manufacturer	Type No.	Serial No.	Cal. date (yyyy/mm/dd)	Cal. Due date (yyyy/mm/dd)
1	EMI Receiver	Rohde&Schwarz	ESCI	100718	2023/11/09	2024/11/10
2	AMN	Rohde&Schwarz	ENV216	100075	2023/11/09	2024/11/10
3	AMN	Schwarzbeck	NSLK8127	#829	2023/11/09	2024/11/10
4	ECSI RF IN RF Cable	Rohde&Schwarz	RP-X1	\	2023/11/17	2024/11/16
5	ECSI RF IN RF Cable	Rohde&Schwarz	Sapre sm	\	2023/11/09	2024/11/10
6	EMI Receiver	Rohde&Schwarz	ESR7	102013	2023/11/09	2024/11/10
7	Spectrum analyzer	Rohde&Schwarz	FSV30	103741	2023/11/09	2024/11/10
8	Spectrum analyzer	KEYSIGHT	N9010A	MY51440158	2023/11/09	2024/11/10
9	Integral Antenna	Schwarzbeck	VULB 9163	9163-868	2022/12/25	2023/12/24
10	Integral Antenna	Schwarzbeck	BBHA 9120D	BBHA 9120D 1201	2023/11/09	2024/11/10
11	Integral Antenna	Schwarzbeck	BBHA 9170	9170#685	2023/11/06	2024/11/10
12	Preamplifier	CD Systems Inc	PAP-03036- 30	85060000	2023/11/09	2024/11/10
13	Preamplifier	Schwarzbeck	BBV9721	9721-019	2023/11/09	2024/11/10
14	Preamplifier	emci	EMC012645 SE	980417	2023/11/09	2024/11/10
15	ECSI RF IN RF Cable	Rohde&Schwarz	AP-X1	\	2023/11/09	2024/11/10
16	Spectrum Analyzer	Agilent	N9010A	MY52221119	2023/11/09	2024/11/10
17	Power Collection Unit	Tonscend	JS0806-2	188060134	2023/09/12	2024/09/11
18	Tonscend Test System	Tonscend	2.6.77.0518	NA	NA	NA
19	Power Sensor	Agilent	U2021XA	MY55410011	2023/09/12	2024/09/11
20	Power Sensor	Agilent	U2021XA	MY55410012	2023/09/12	2024/09/11
21	Power Sensor	Agilent	U2021XA	MY55410018	2023/09/12	2024/09/11
22	Power Sensor	Agilent	U2021XA	MY55410019	2023/09/12	2024/09/11
23	Temp&Humidity Recorder	Anymetre	JR900	NA	2023/11/03	2024/11/02
24	Temp&Humidity Chamber	ETOMA	NTH1100- 30A	16080628	2023/09/01	2024/08/30

4 System test configuration

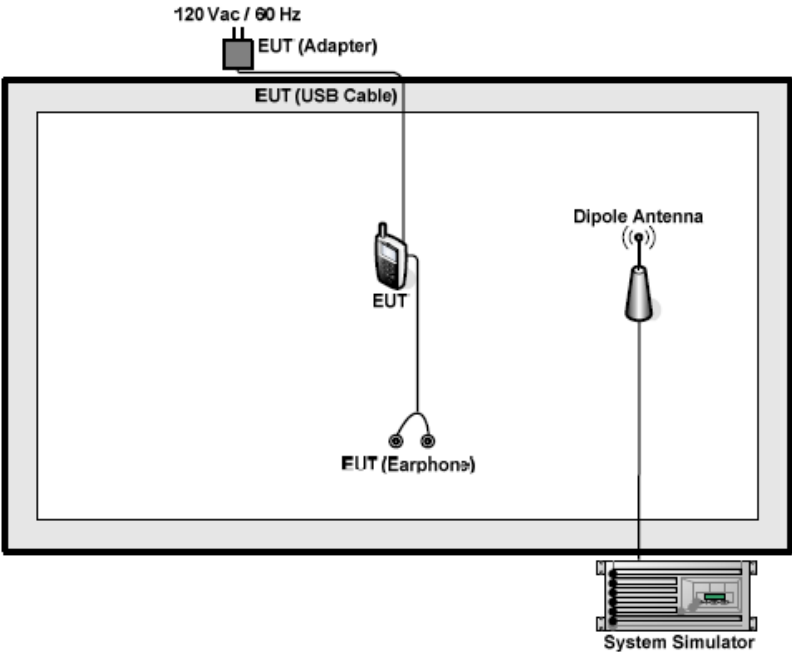
4.1 Test mode

During all testing, EUT is in link mode with base station emulator at maximum power level. The spurious emission measurements were carried out in semi-anechoic chamber with 3-meter test range, and EUT is rotated on three test planes to find out the worst emission.

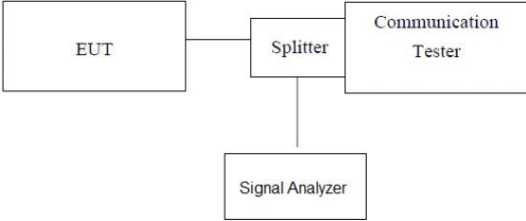
Test modes		
Band	Radiated	Conducted
GSM 850	<ul style="list-style-type: none"> ■ GSM link ■ GPRS 1 link ■ EPRS 1 link 	<ul style="list-style-type: none"> ■ GSM link ■ GPRS 1 link ■ EGPRS 1 link
PCS 1900	<ul style="list-style-type: none"> ■ GSM link ■ GPRS 1 link ■ EGPRS 1 link 	<ul style="list-style-type: none"> ■ GSM link ■ GPRS 1 link ■ EGPRS 1 link
WCDMA II	<ul style="list-style-type: none"> ■ RMC 12.2Kbps link 	<ul style="list-style-type: none"> ■ RMC 12.2Kbps link
WCDMA Band IV	<ul style="list-style-type: none"> ■ RMC 12.2Kbps link 	<ul style="list-style-type: none"> ■ RMC 12.2Kbps link
WCDMA Band V	<ul style="list-style-type: none"> ■ RMC 12.2Kbps link 	<ul style="list-style-type: none"> ■ RMC 12.2Kbps link

Note: The maximum power levels are GSM mode for GMSK link, GPRS multi-slot class 8 mode for GMSK link, EGPRS multi-slot class 8 mode for 8PSK link, RMC12.2Kbps mode for WCDMA Band V/II. Only these modes were used for all tests.

4.2 Configuration of Tested System



4.3 Conducted AV Output Power

Test Requirement:	FCC part 22.913(a) and FCC part 24.232(b), FCC part 27.50 (d)(4)
Test Method:	FCC part 2.1046
Limit:	GSM850, WCDMA Band V: 7W(38.45dbm) PCS1900, WCDMA Band II: 2W(33.01dbm) WCDMA Band IV: 1W(30.00dbm)
Test setup:	 <p style="text-align: center;"><i>Note: Measurement setup for testing on Antenna connector</i></p>
Test Procedure:	<ol style="list-style-type: none"> 1. The transmitter output port was connected to base station. 2. The RF output of EUT was connected to the Signal Analyzer by RF cable and attenuator, the path loss was compensated to the results for each measurement. 3. Set EUT at maximum power through base station. 4. Select lowest, middle, and highest channels for each band and different modulation. 5. Measure the maximum burst average power.
Test Instruments:	Refer to section 5.0 for details
Test mode:	Refer to section 6.1 for details
Test results:	Pass

Measurement Data

Band GSM850		Burst Average Power (dBm)			Frame-Average Power (dBm)		
TX Channel	Tune-up	128	190	251	128	190	251
Frequency (MHz)		824.2	836.6	848.8	824.2	836.6	848.8
GSM(GMSK, 1 Tx slot)	33±1	33.01	33.25	33.54	23.98	24.22	24.51
GPRS (GMSK, 1 Tx slot)	32±1	32.85	32.85	32.92	23.82	23.82	23.89
GPRS (GMSK, 2 Tx slots)	30±1	30.69	30.78	30.75	24.67	24.76	24.73
GPRS (GMSK, 3 Tx slots)	27±1	27.26	27.12	27.23	23.00	22.86	22.97
GPRS (GMSK, 4 Tx slots)	25±1	25.70	25.57	25.76	22.69	22.56	22.75
EGPRS (8PSK, 1 Tx slot)	28±1	28.50	28.45	28.39	19.47	19.42	19.36
EGPRS (8PSK, 2 Tx slots)	25±1	25.56	25.72	25.60	19.54	19.70	19.58
EGPRS (8PSK, 3 Tx slots)	24±1	24.56	24.75	24.48	20.30	20.49	20.22
EGPRS (8PSK, 4 Tx slots)	23±1	23.71	23.86	23.65	20.70	20.85	20.64
Band PCS1900		Burst Average Power (dBm)			Frame-Average Power (dBm)		
TX Channel	Tune-up power	512	661	810	512	661	810
Frequency (MHz)		1850.2	1880.0	1909.8	1850.2	1880.0	1909.8
GSM (GMSK, 1 Tx slot)	31±1	31.36	30.24	30.14	22.33	21.21	21.11
GPRS (GMSK, 1 Tx slot)	30±1	30.95	30.88	31.02	21.92	21.85	21.99
GPRS (GMSK, 2 Tx slots)	28±1	28.39	28.30	28.32	22.37	22.28	22.30
GPRS (GMSK, 3 Tx slots)	27±1	27.75	27.90	27.85	23.49	23.64	23.59
GPRS (GMSK, 4 Tx slots)	25±1	25.46	25.49	25.39	22.45	22.48	22.38
EGPRS (8MSK, 1 Tx slot)	27±1	27.77	27.74	27.64	18.74	18.71	18.61
EGPRS (8MSK, 2 Tx slots)	25±1	25.72	25.86	25.84	19.70	19.84	19.82
EGPRS (8MSK, 3 Tx slots)	24±1	24.15	24.26	23.96	19.89	20.00	19.70
EGPRS (8MSK, 4 Tx slots)	22±1	22.08	22.01	22.11	19.07	19.00	19.10

Remark: The frame-averaged power is linearly scaled the maximum burst averaged power over 8 time slots.

The calculated method are shown as below:

Frame-averaged power = Maximum burst averaged power (1 Tx Slot) – 9.03 dB

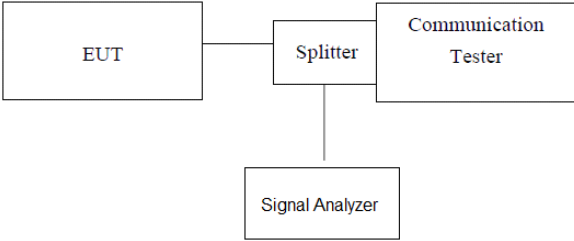
Frame-averaged power = Maximum burst averaged power (2 Tx Slots) – 6.02 dB

Frame-averaged power = Maximum burst averaged power (3 Tx Slots) - 4.26 dB

Frame-averaged power = Maximum burst averaged power (4 Tx Slots) – 3.01 dB

WCDMA	Band II (dBm)			Band IV (dBm)			Band V (dBm)					
TX Channel	Tune-	9262	9400	9538	Tune-	1312	1412	1513	Tune-	4132	4183	4233
Frequency (MHz)	up	1852.4	1880.0	1907.6	up	1712.4	1732.6	1752.6	up	826.4	836.6	846.6
RMC 12.2Kbps	23±1	23.58	23.63	23.50	23±1	23.34	23.44	23.37	23±1	23.37	23.50	23.45
RMC AMR	23±1	23.12	23.22	23.09	23±1	22.85	23.05	22.94	23±1	22.92	23.15	23.07
HSDPA Subtest-1	22±1	22.10	22.08	22.05	22±1	22.55	22.73	22.66	22±1	22.82	22.93	22.75
HSDPA Subtest-2	21±1	21.54	21.51	21.48	21±1	21.64	21.70	21.69	21±1	21.52	21.37	21.65
HSDPA Subtest-3	21±1	21.05	21.07	21.10	21±1	21.51	21.50	21.67	21±1	21.47	21.28	21.42
HSDPA Subtest-4	21±1	21.28	21.34	21.35	21±1	21.56	21.52	21.48	21±1	21.06	21.12	20.93
HSUPA Subtest-1	22±1	22.46	22.62	22.59	22±1	22.61	22.75	22.73	22±1	22.47	22.32	22.63
HSUPA Subtest-2	21±1	21.46	21.56	21.46	21±1	21.37	21.32	21.43	21±1	21.90	21.81	21.97
HSUPA Subtest-3	21±1	21.33	21.30	21.35	21±1	21.12	21.05	21.01	21±1	21.26	21.21	21.26
HSUPA Subtest-4	21±1	21.12	21.13	21.04	21±1	21.28	21.15	21.42	21±1	21.30	21.35	21.22
HSUPA Subtest-5	22±1	22.25	22.22	22.30	22±1	22.42	22.39	22.25	22±1	22.61	22.43	22.66

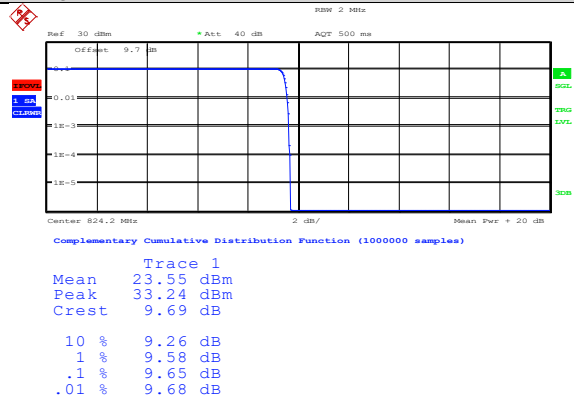
4.4 Peak-to-Average Ratio

Test Requirement:	FCC part24.232(d)
Test Method:	FCC part2.1046
Limit:	13db
Test setup:	 <p style="text-align: center;"><i>Note: Measurement setup for testing on Antenna connector</i></p>
Test Procedure:	<ol style="list-style-type: none"> 1. The transmitter output port was connected to base station. 2. The RF output of EUT was connected to the Signal Analyzer by RF cable and attenuator, the path loss was compensated to the results for each measurement. 3. Set EUT at maximum power through base station. 4. Select lowest, middle, and highest channels for each band and different modulation. 5. Measure the maximum burst average power. 6. Record the maximum peak-to-average ratio value.
Test Instruments:	Refer to section 5.0 for details
Test mode:	Refer to section 6.1 for details
Test results:	Pass

Measurement data

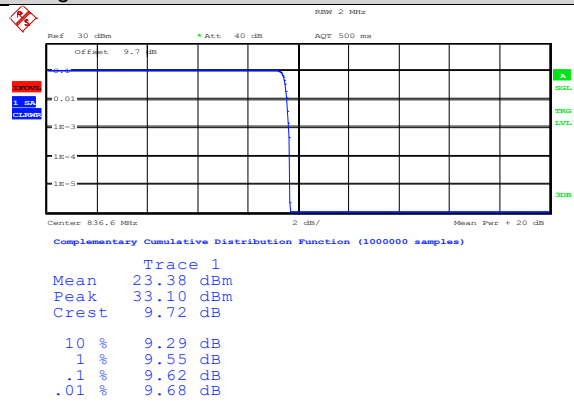
Band	Channel	PCL	Result(dB)	Limit(dB)	Verdict
GSM850	128	5	9.65	13	PASS
GSM850	190	5	9.62	13	PASS
GSM850	251	5	9.52	13	PASS
GPRS850	128	5	10.51	13	PASS
GPRS850	190	5	10.35	13	PASS
GPRS850	251	5	11.83	13	PASS
EGPRS850	128	8	10.21	13	PASS
EGPRS850	190	8	11.55	13	PASS
EGPRS850	251	8	12.82	13	PASS
GSM1900	512	0	9.97	13	PASS
GSM1900	661	0	9.87	13	PASS
GSM1900	810	0	10.1	13	PASS
GPRS1900	512	0	10.13	13	PASS
GPRS1900	661	0	10.03	13	PASS
GPRS1900	810	0	9.97	13	PASS
EGPRS1900	512	2	12.66	13	PASS
EGPRS1900	661	2	12.69	13	PASS
EGPRS1900	810	2	12.69	13	PASS

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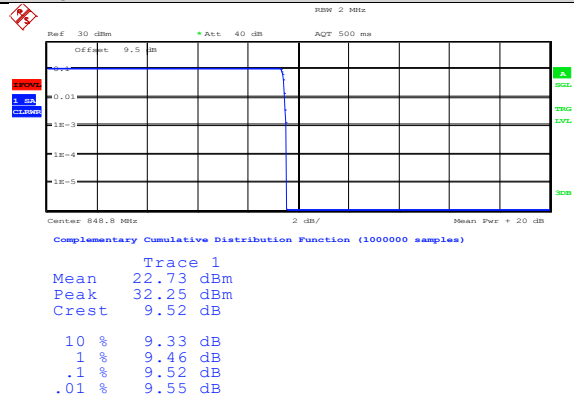
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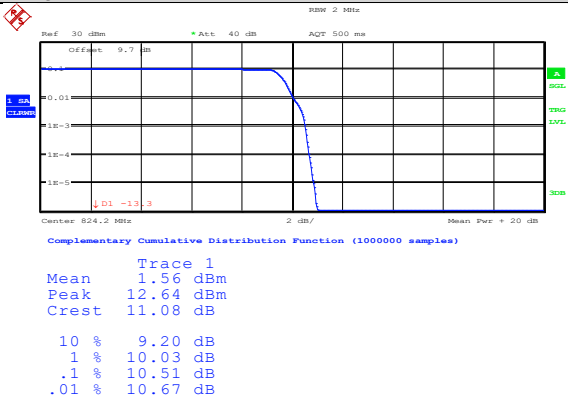
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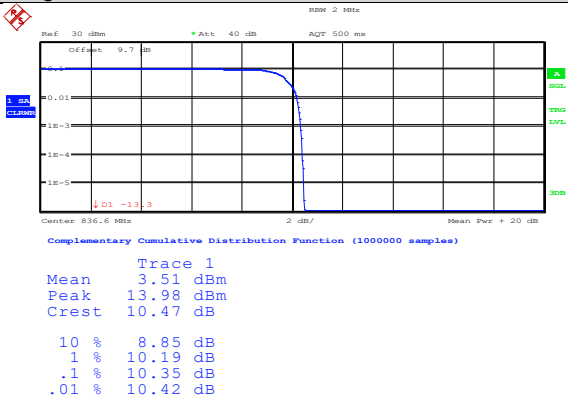
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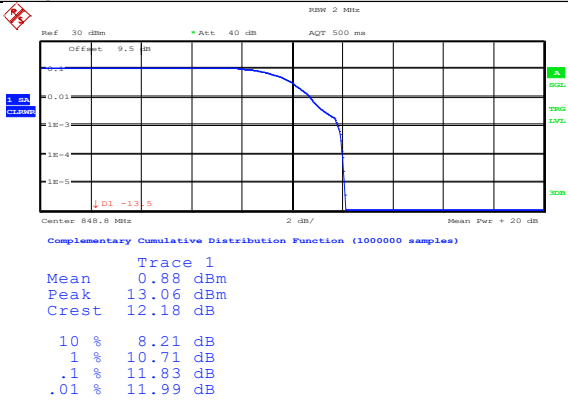
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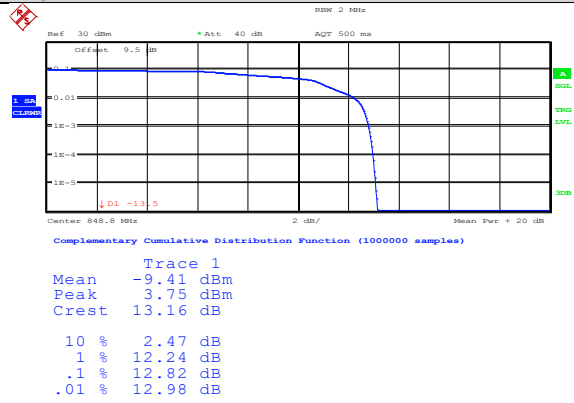
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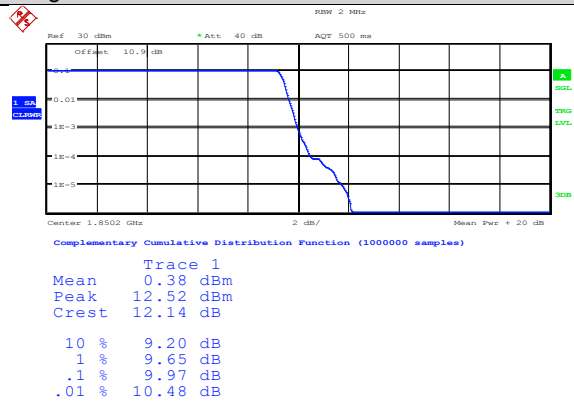
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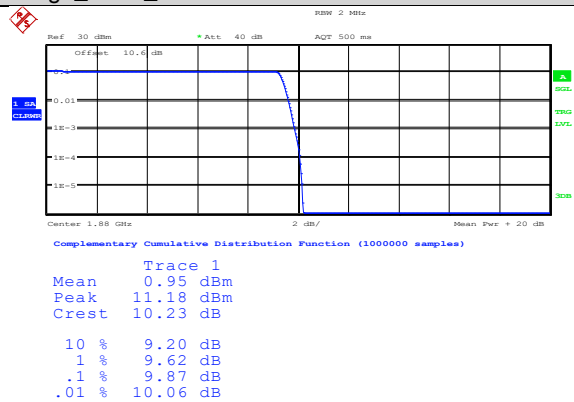
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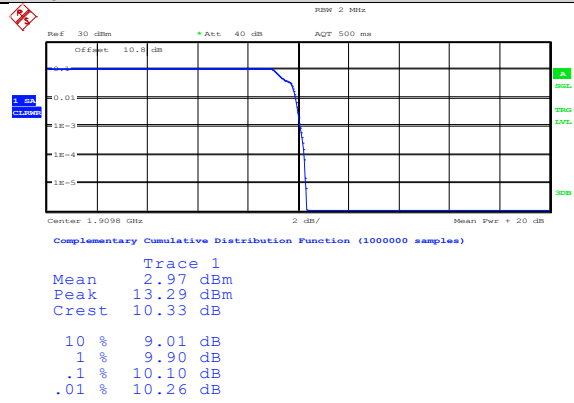
@FCC_GSM_Peak_to_Average_Ratio_IMG@

@FCC_GSM_Peak_to_Average_Ratio_IMG@GSM1900-661



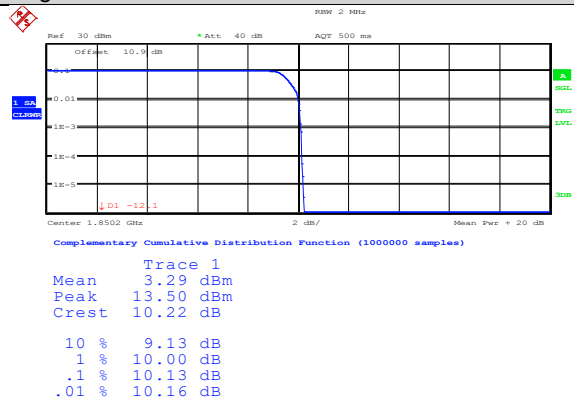
@FCC_GSM_Peak_to_Average_Ratio_IMG@

@FCC_GSM_Peak_to_Average_Ratio_IMG@GSM1900-810



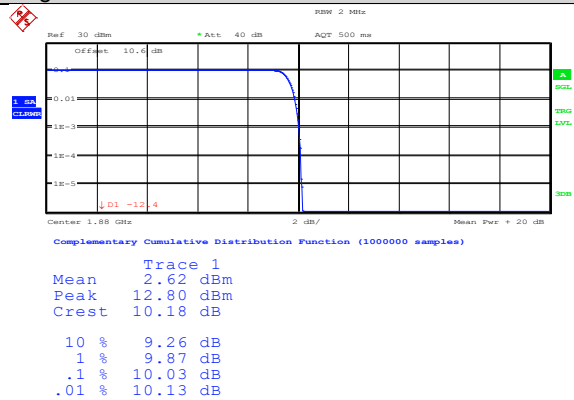
@FCC_GSM_Peak_to_Average_Ratio_IMG@

@FCC_GSM_Peak_to_Average_Ratio_IMG@GPRS1900-512



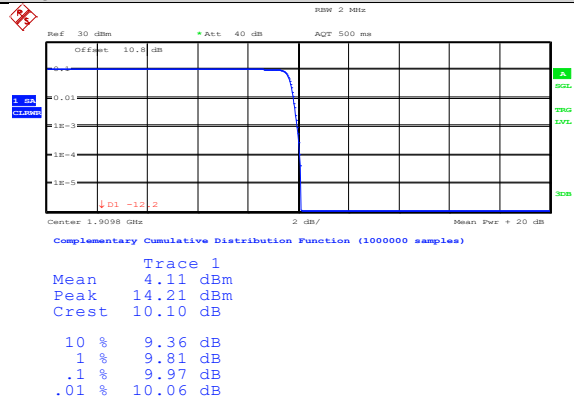
@FCC_GSM_Peak_to_Average_Ratio_IMG@

@FCC_GSM_Peak_to_Average_Ratio_IMG@GPRS1900-661



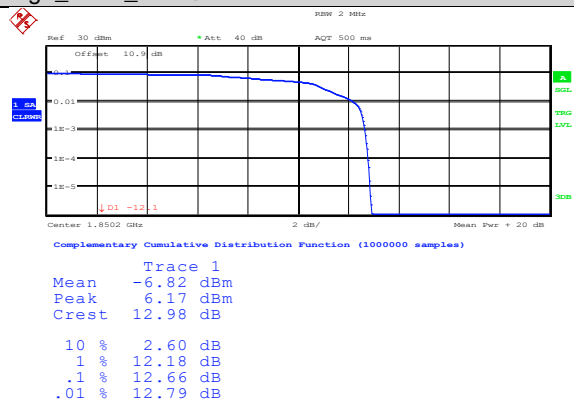
@FCC_GSM_Peak_to_Average_Ratio_IMG@

@FCC_GSM_Peak_to_Average_Ratio_IMG@GPRS1900-810



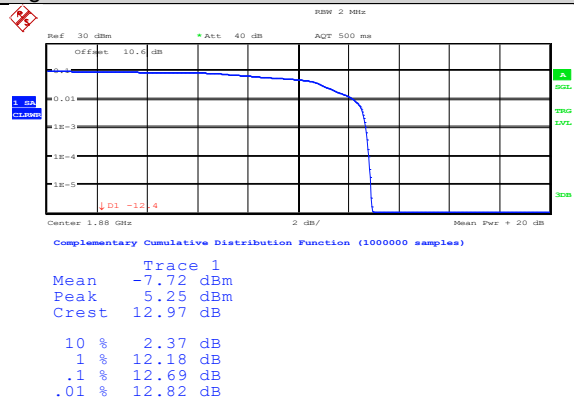
@FCC_GSM_Peak_to_Average_Ratio_IMG@

@FCC_GSM_Peak_to_Average_Ratio_IMG@EGPRS1900-512



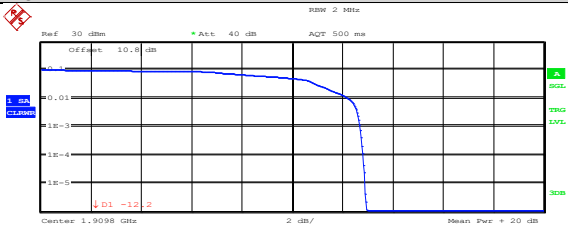
@FCC_GSM_Peak_to_Average_Ratio_IMG@

@FCC_GSM_Peak_to_Average_Ratio_IMG@EGPRS1900-661



@FCC_GSM_Peak_to_Average_Ratio_IMG@

@FCC_GSM_Peak_to_Average_Ratio_IMG@EGPRS1900-810



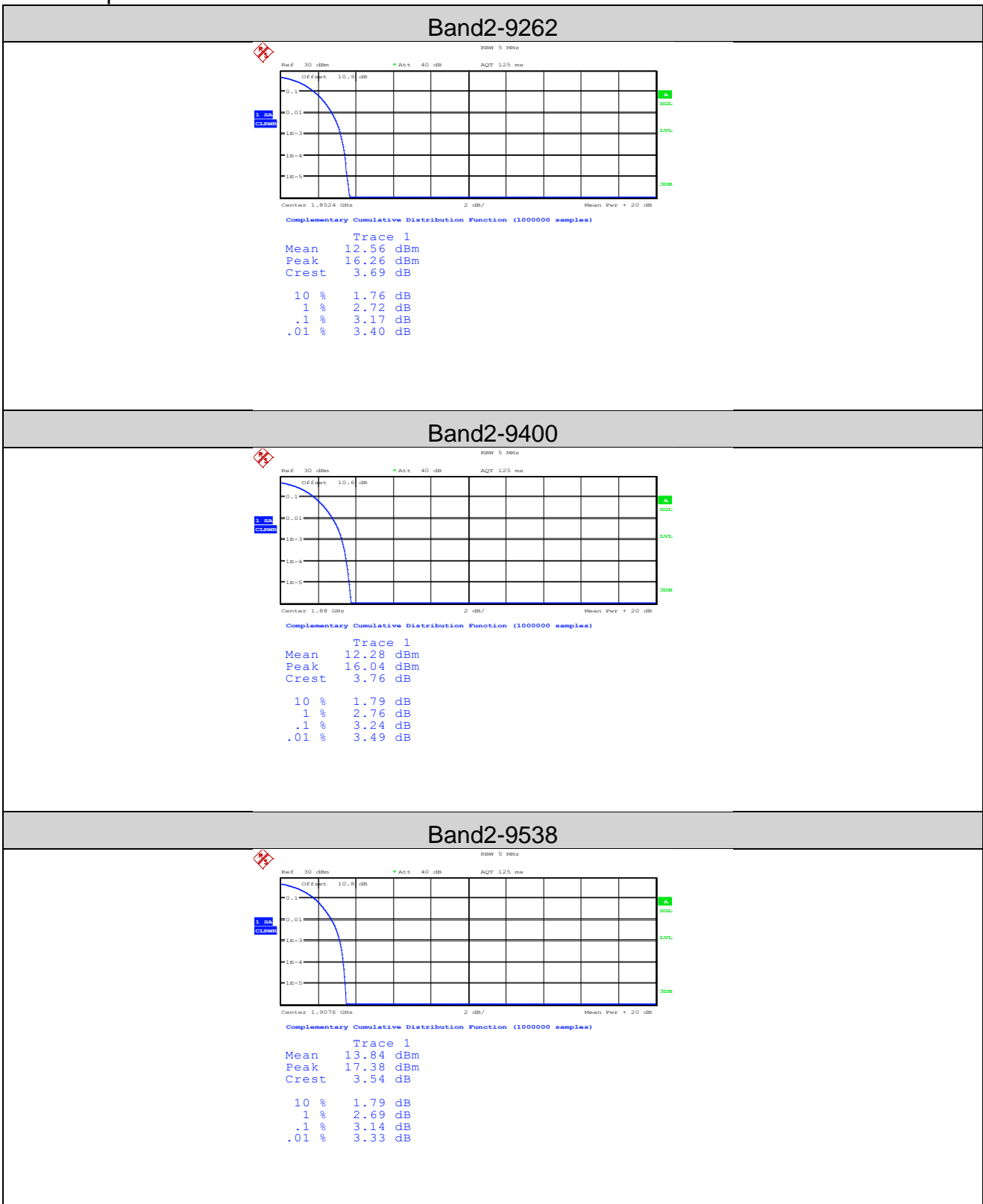
Complementary Cumulative Distribution Function (1000000 samples)

Trace 1	
Mean	-7.22 dBm
Peak	5.74 dBm
Crest	12.97 dB
10 %	2.37 dB
1 %	12.21 dB
.1 %	12.69 dB
.01 %	12.82 dB

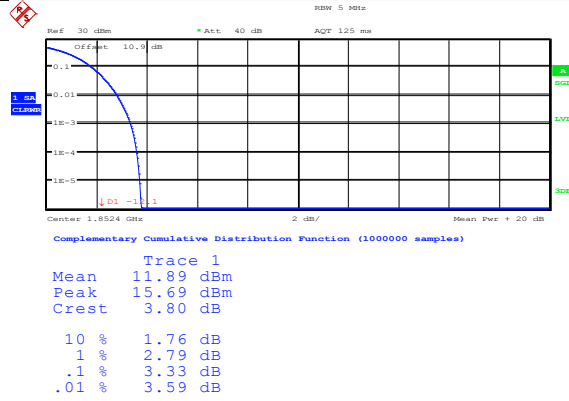
@FCC_GSM_Peak_to_Average_Ratio_IMG@

Band	Channel	Peak-to-Average Ratio(dB)		Limit(dB)	Verdict
Band2	9262	3.17		13	PASS
Band2	9400	3.24		13	PASS
Band2	9538	3.14		13	PASS
Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9262	1	3.33	13	PASS
Band2	9262	2	3.81	13	PASS
Band2	9262	3	4.01	13	PASS
Band2	9262	4	4.07	13	PASS
Band2	9400	1	3.4	13	PASS
Band2	9400	2	3.85	13	PASS
Band2	9400	3	4.07	13	PASS
Band2	9400	4	4.1	13	PASS
Band2	9538	1	3.4	13	PASS
Band2	9538	2	3.85	13	PASS
Band2	9538	3	4.01	13	PASS
Band2	9538	4	4.07	13	PASS
Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9262	1	4.39	13	PASS
Band2	9262	2	5.38	13	PASS
Band2	9262	3	4.97	13	PASS
Band2	9262	4	5.45	13	PASS
Band2	9262	5	4.36	13	PASS
Band2	9400	1	4.46	13	PASS
Band2	9400	2	5.45	13	PASS
Band2	9400	3	5	13	PASS
Band2	9400	4	5.54	13	PASS
Band2	9400	5	4.78	13	PASS
Band2	9538	1	4.42	13	PASS
Band2	9538	2	5.38	13	PASS
Band2	9538	3	5	13	PASS
Band2	9538	4	5.48	13	PASS
Band2	9538	5	4.39	13	PASS

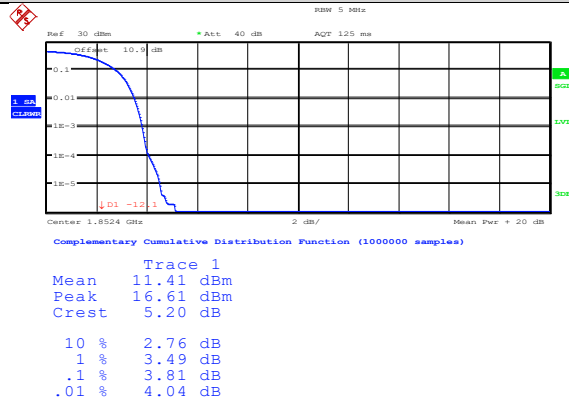
Test Graphs



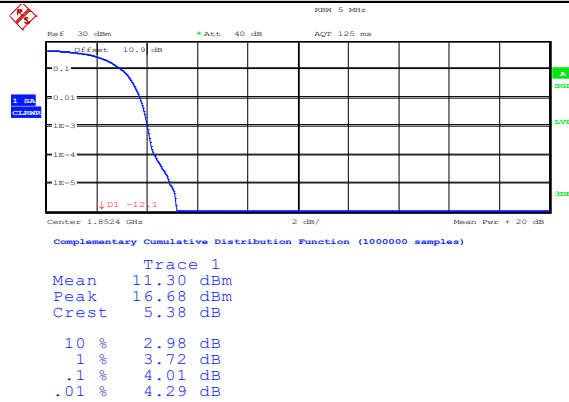
Band2-9262-1



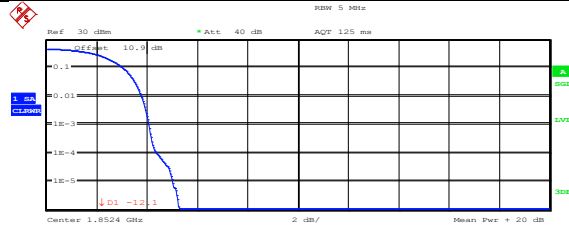
Band2-9262-2



Band2-9262-3



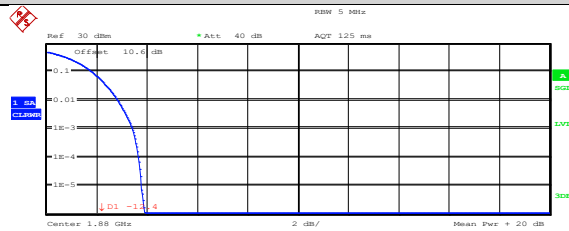
Band2-9262-4



Complementary Cumulative Distribution Function (1000000 samples)

Trace 1	
Mean	11.28 dBm
Peak	16.61 dBm
Crest	5.33 dB
10 %	3.01 dB
1 %	3.78 dB
.1 %	4.07 dB
.01 %	4.36 dB

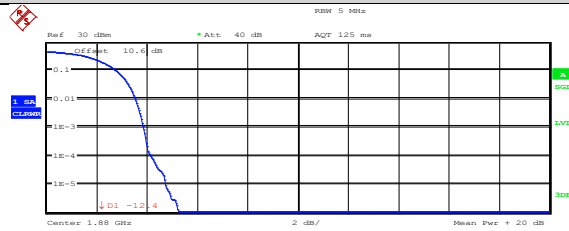
Band2-9400-1



Complementary Cumulative Distribution Function (1000000 samples)

Trace 1	
Mean	11.15 dBm
Peak	15.06 dBm
Crest	3.91 dB
10 %	1.79 dB
1 %	2.82 dB
.1 %	3.40 dB
.01 %	3.65 dB

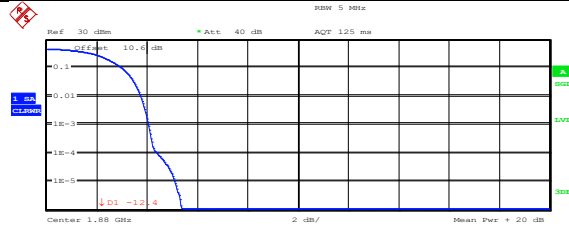
Band2-9400-2



Complementary Cumulative Distribution Function (1000000 samples)

Trace 1	
Mean	10.88 dBm
Peak	16.26 dBm
Crest	5.38 dB
10 %	2.76 dB
1 %	3.53 dB
.1 %	3.85 dB
.01 %	4.13 dB

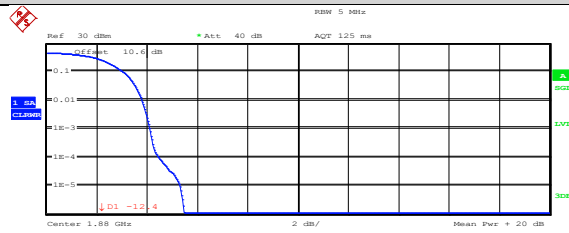
Band2-9400-3



Complementary Cumulative Distribution Function (1000000 samples)

Trace 1	
Mean	10.62 dBm
Peak	16.04 dBm
Crest	5.43 dB
10 %	2.98 dB
1 %	3.75 dB
.1 %	4.07 dB
.01 %	4.36 dB

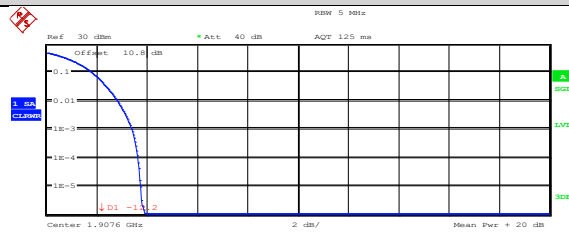
Band2-9400-4



Complementary Cumulative Distribution Function (1000000 samples)

Trace 1	
Mean	10.68 dBm
Peak	16.19 dBm
Crest	5.50 dB
10 %	3.01 dB
1 %	3.78 dB
.1 %	4.10 dB
.01 %	4.46 dB

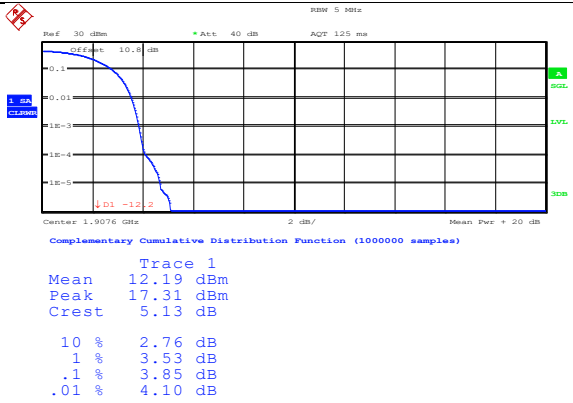
Band2-9538-1



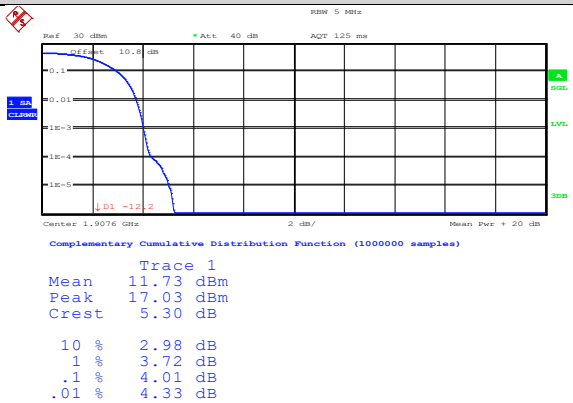
Complementary Cumulative Distribution Function (1000000 samples)

Trace 1	
Mean	12.40 dBm
Peak	16.33 dBm
Crest	3.92 dB
10 %	1.79 dB
1 %	2.82 dB
.1 %	3.40 dB
.01 %	3.62 dB

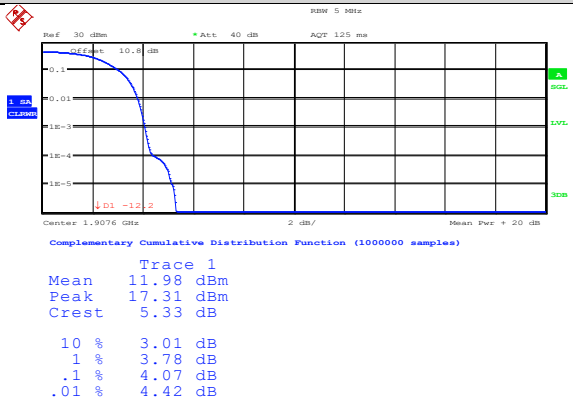
Band2-9538-2



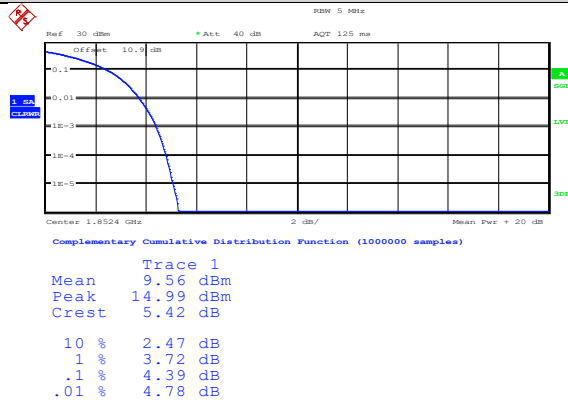
Band2-9538-3



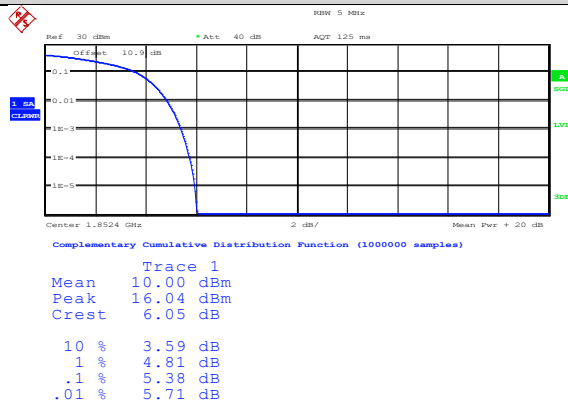
Band2-9538-4



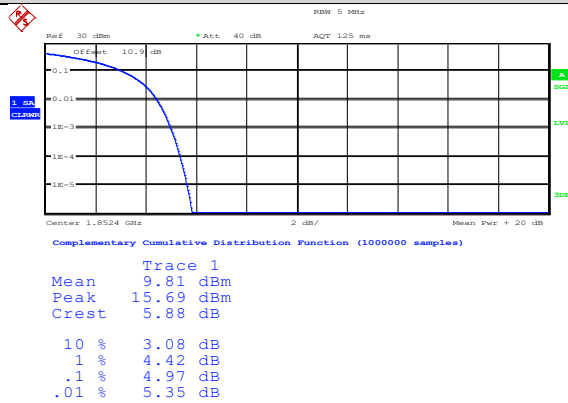
Band2-9262-1



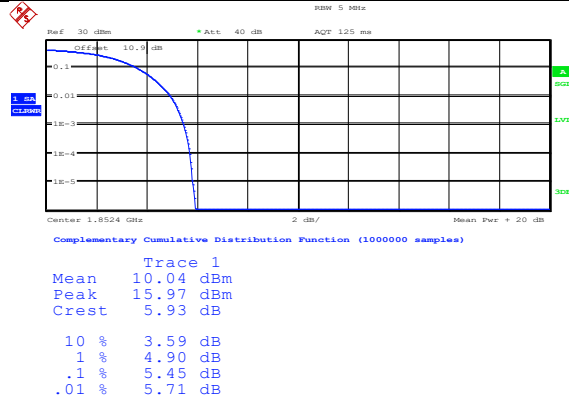
Band2-9262-2



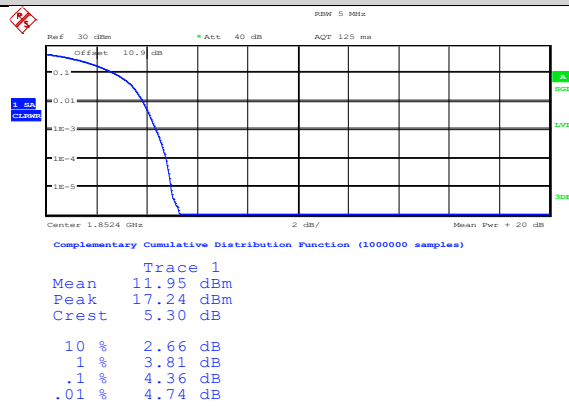
Band2-9262-3



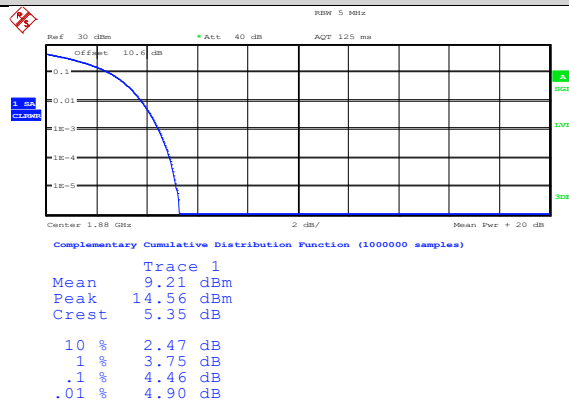
Band2-9262-4



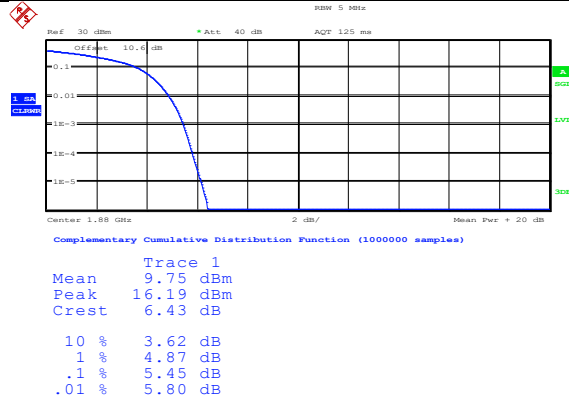
Band2-9262-5



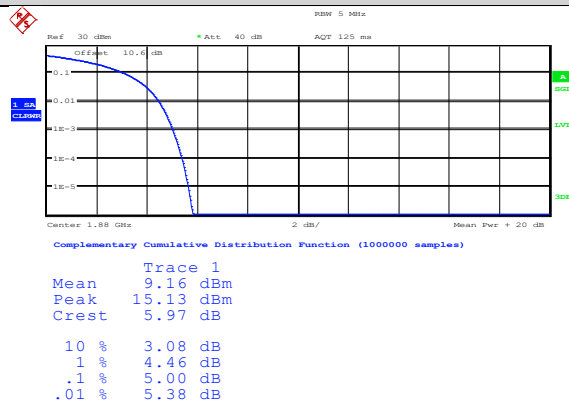
Band2-9400-1



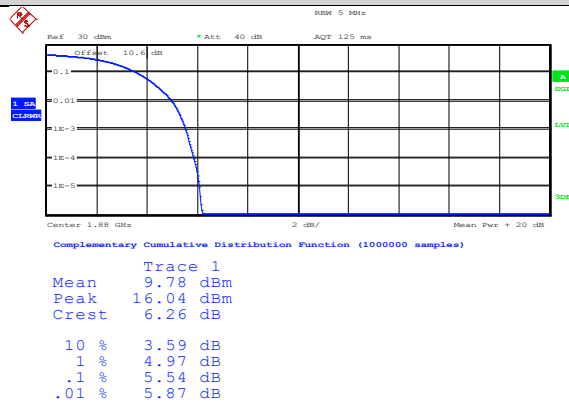
Band2-9400-2



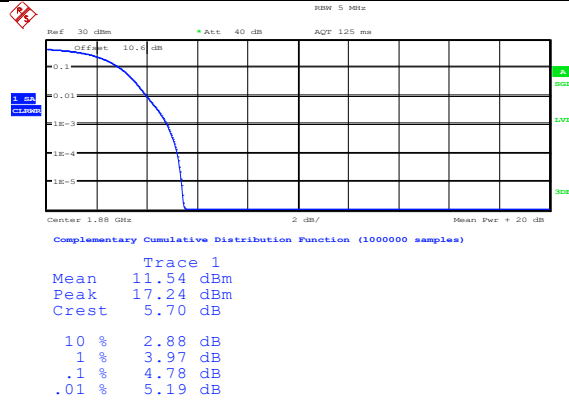
Band2-9400-3



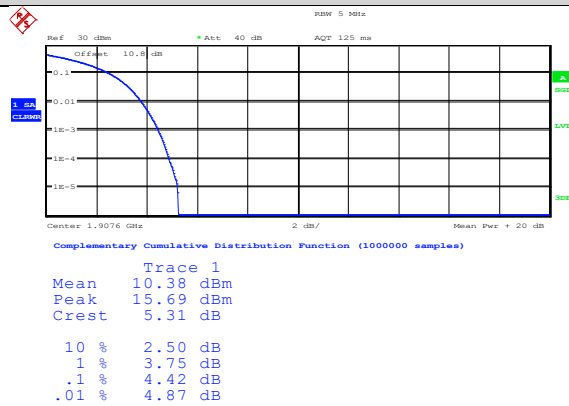
Band2-9400-4



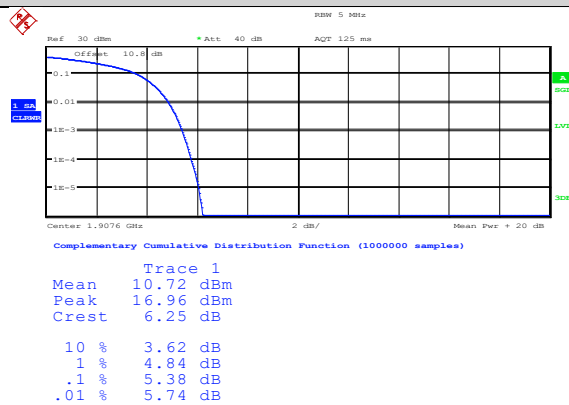
Band2-9400-5



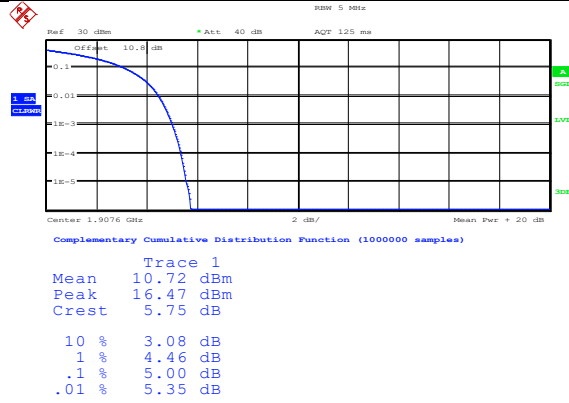
Band2-9538-1



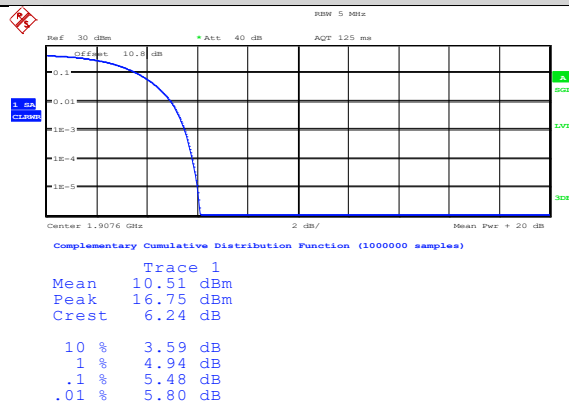
Band2-9538-2



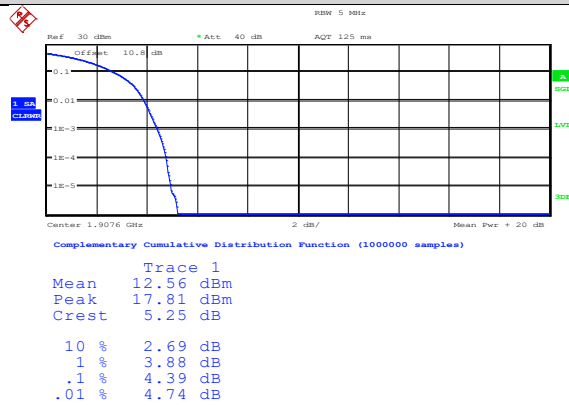
Band2-9538-3



Band2-9538-4



Band2-9538-5

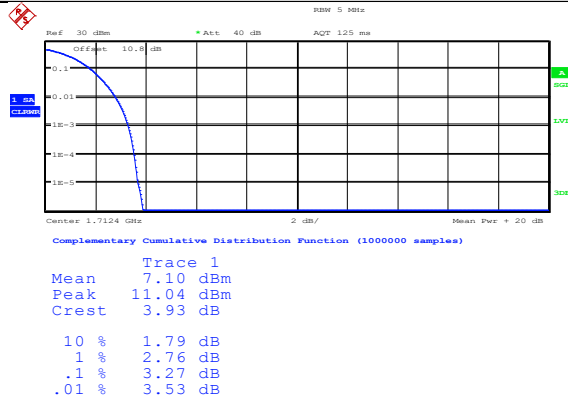


Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band4	1312	3.27	13	PASS
Band4	1413	3.24	13	PASS
Band4	1513	3.27	13	PASS

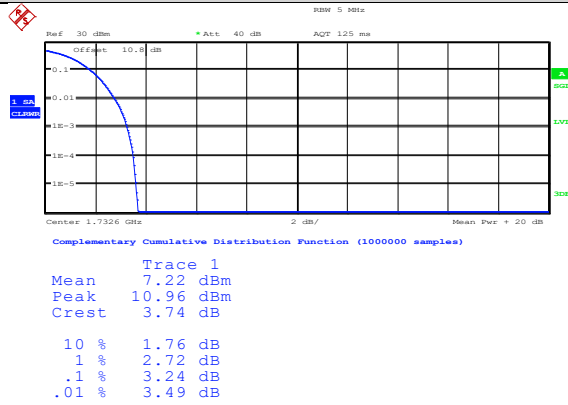
Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band4	1312	1	3.65	13	PASS
Band4	1312	2	3.85	13	PASS
Band4	1312	3	4.07	13	PASS
Band4	1312	4	4.1	13	PASS
Band4	1413	1	3.17	13	PASS
Band4	1413	2	3.59	13	PASS
Band4	1413	3	3.81	13	PASS
Band4	1413	4	3.85	13	PASS
Band4	1513	1	3.62	13	PASS
Band4	1513	2	3.81	13	PASS
Band4	1513	3	4.04	13	PASS
Band4	1513	4	4.07	13	PASS

Test Graphs

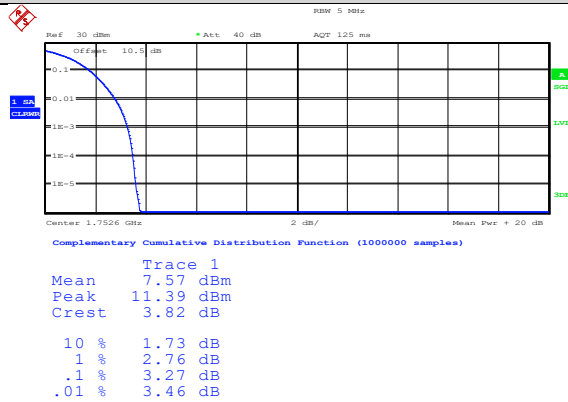
Band4-1312



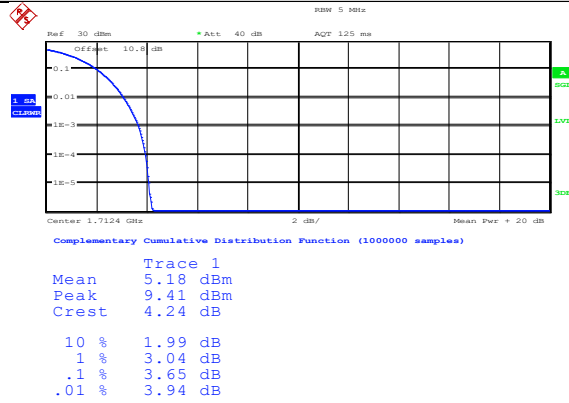
Band4-1413



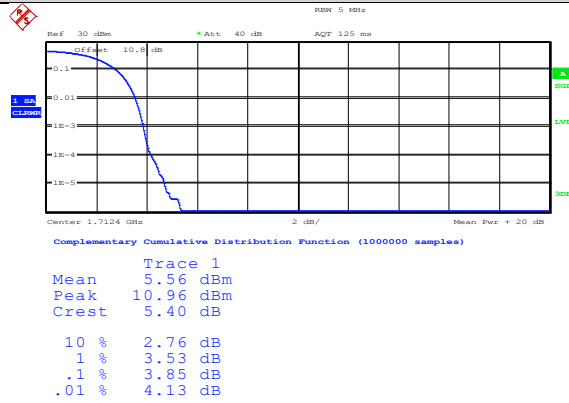
Band4-1513



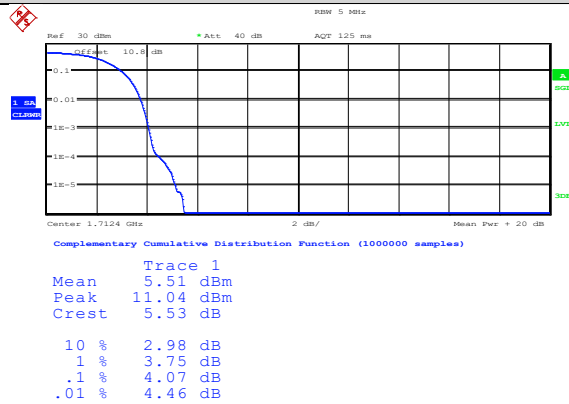
Band4-1312-1



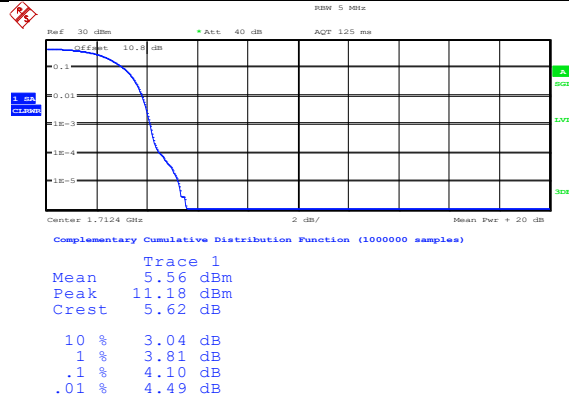
Band4-1312-2



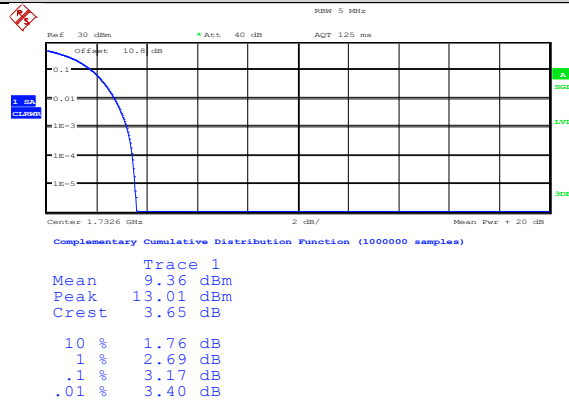
Band4-1312-3



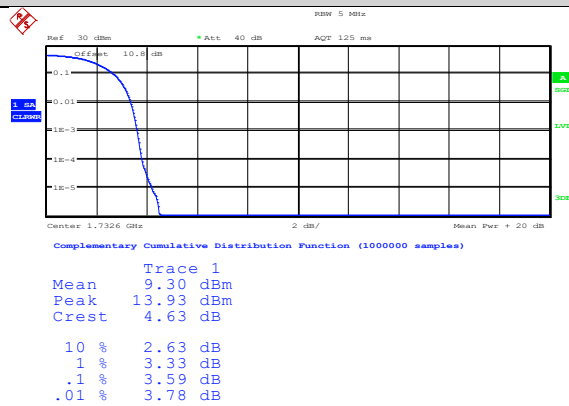
Band4-1312-4



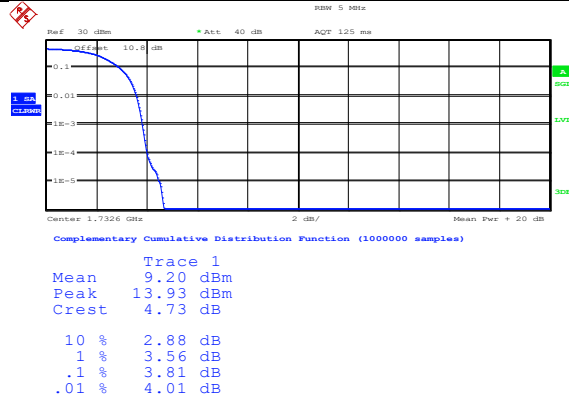
Band4-1413-1



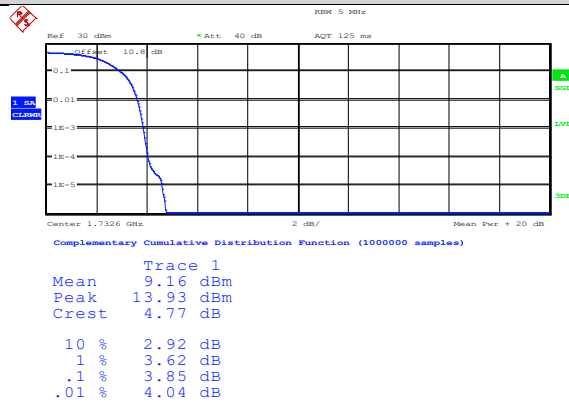
Band4-1413-2



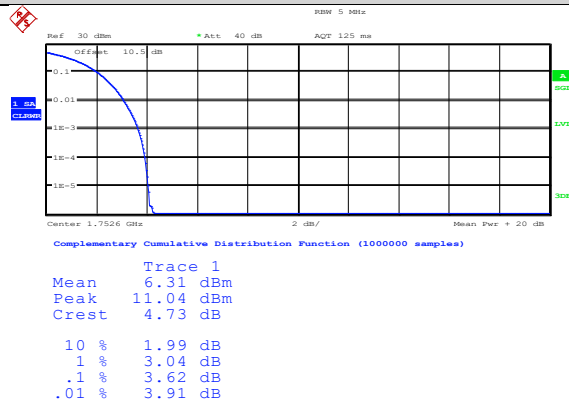
Band4-1413-3



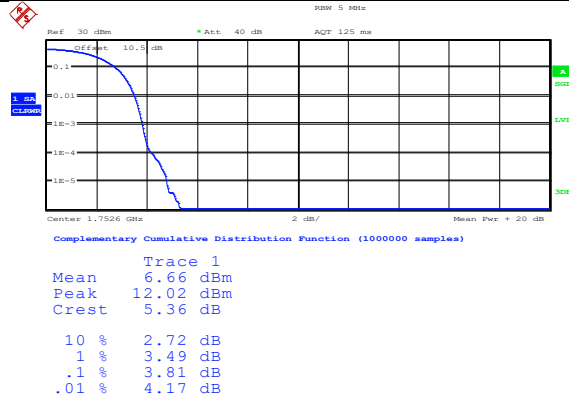
Band4-1413-4



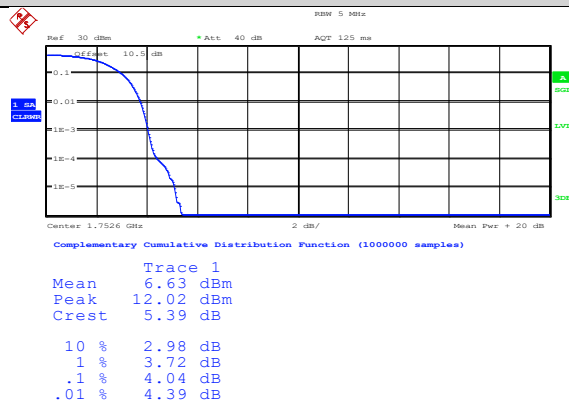
Band4-1513-1



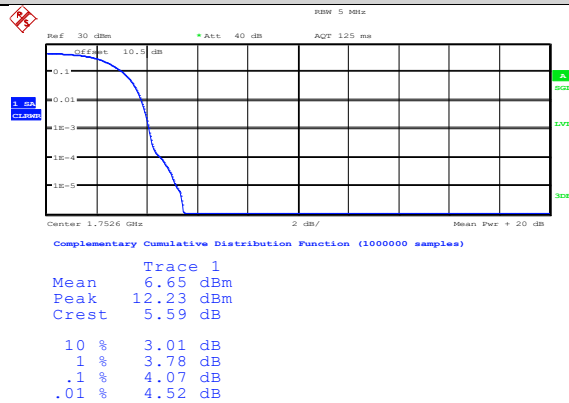
Band4-1513-2



Band4-1513-3



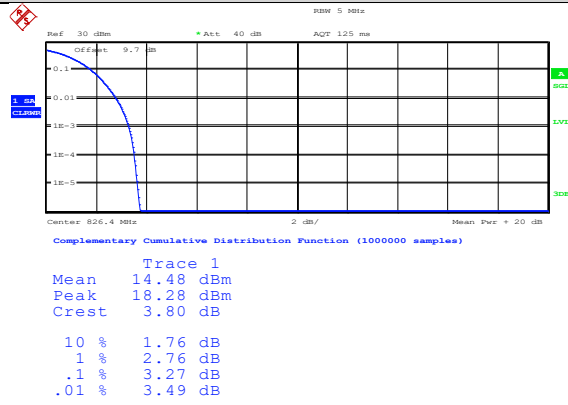
Band4-1513-4



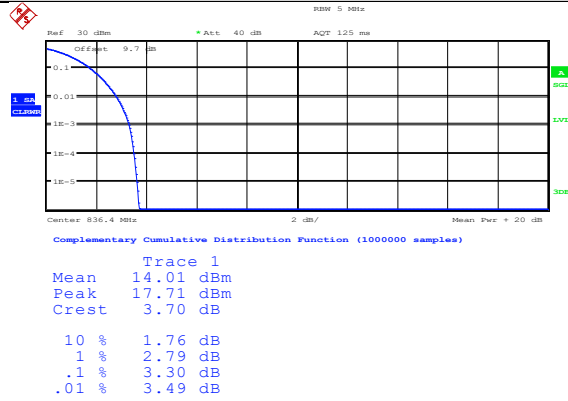
Band	Channel	Peak-to-Average Ratio(dB)		Limit(dB)	Verdict
Band5	4132	3.27		13	PASS
Band5	4182	3.3		13	PASS
Band5	4233	3.46		13	PASS
Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band5	4132	1	3.27	13	PASS
Band5	4132	2	3.72	13	PASS
Band5	4132	3	3.91	13	PASS
Band5	4132	4	3.97	13	PASS
Band5	4182	1	3.3	13	PASS
Band5	4182	2	3.72	13	PASS
Band5	4182	3	3.91	13	PASS
Band5	4182	4	3.94	13	PASS
Band5	4233	1	3.37	13	PASS
Band5	4233	2	3.85	13	PASS
Band5	4233	3	4.07	13	PASS
Band5	4233	4	4.2	13	PASS
Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band5	4132	1	4.42	13	PASS
Band5	4132	2	5.29	13	PASS
Band5	4132	3	4.81	13	PASS
Band5	4132	4	5.45	13	PASS
Band5	4132	5	4.13	13	PASS
Band5	4182	1	4.46	13	PASS
Band5	4182	2	5.35	13	PASS
Band5	4182	3	4.9	13	PASS
Band5	4182	4	5.54	13	PASS
Band5	4182	5	4.23	13	PASS
Band5	4233	1	4.46	13	PASS
Band5	4233	2	5.35	13	PASS
Band5	4233	3	4.94	13	PASS
Band5	4233	4	5.54	13	PASS
Band5	4233	5	4.29	13	PASS

Test Graphs

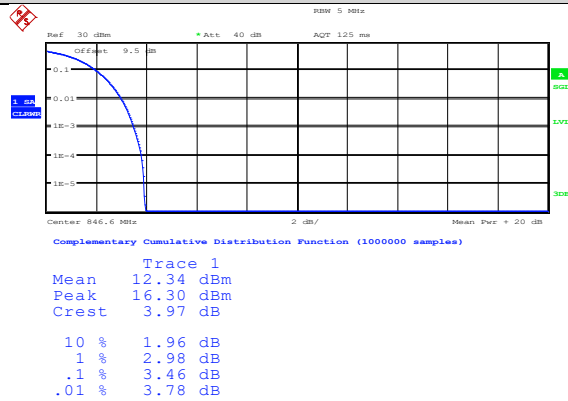
Band5-4132



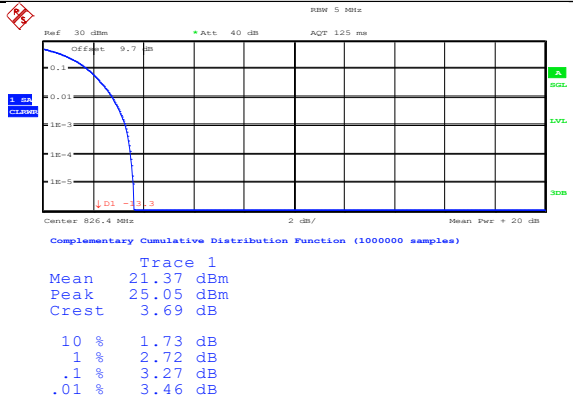
Band5-4182



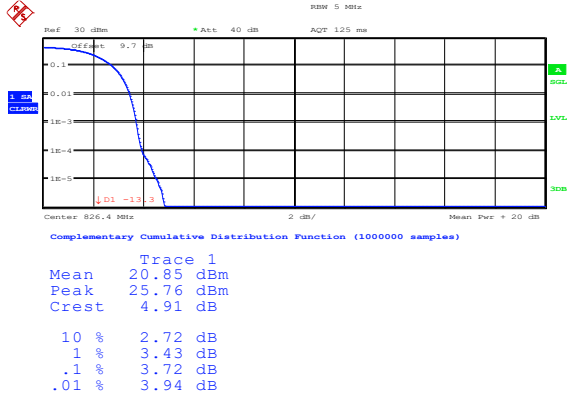
Band5-4233



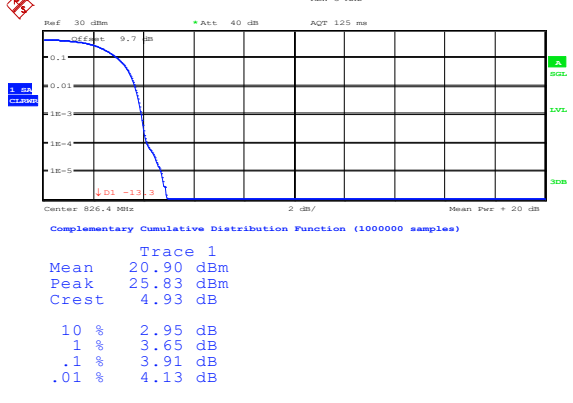
Band5-4132-1



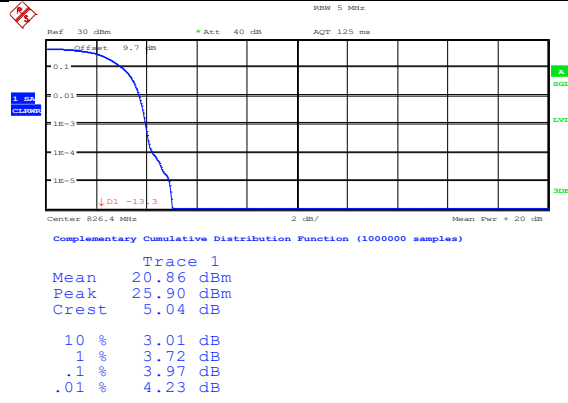
Band5-4132-2



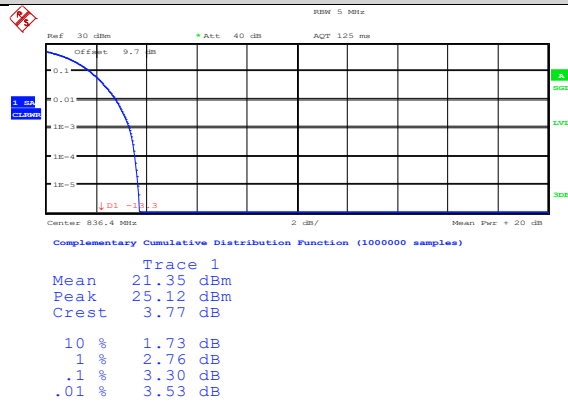
Band5-4132-3



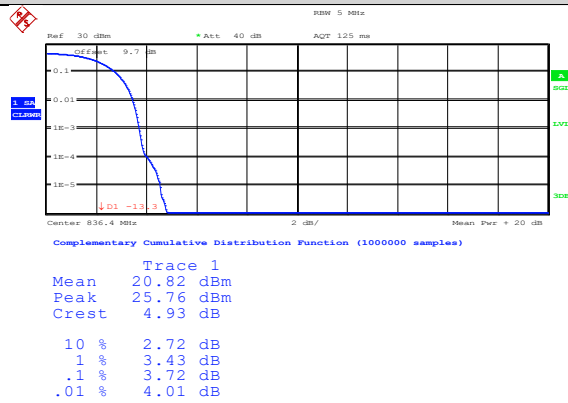
Band5-4132-4



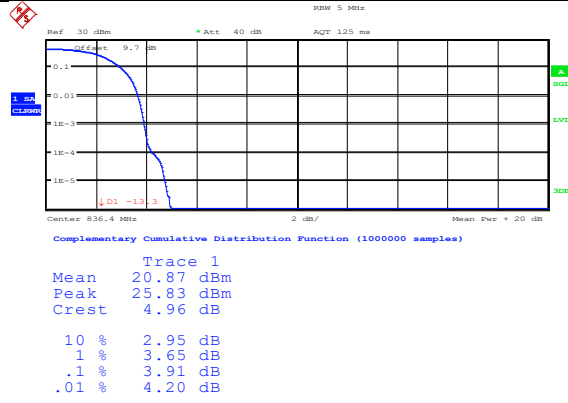
Band5-4182-1



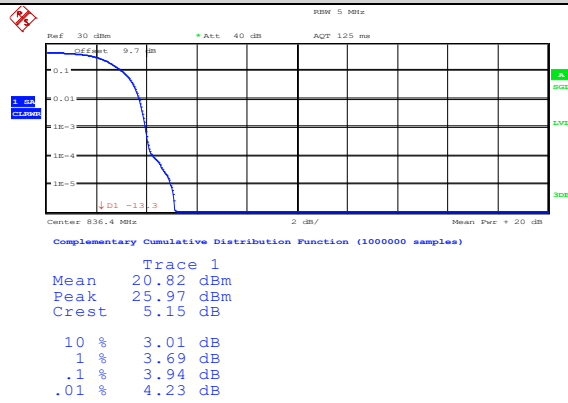
Band5-4182-2



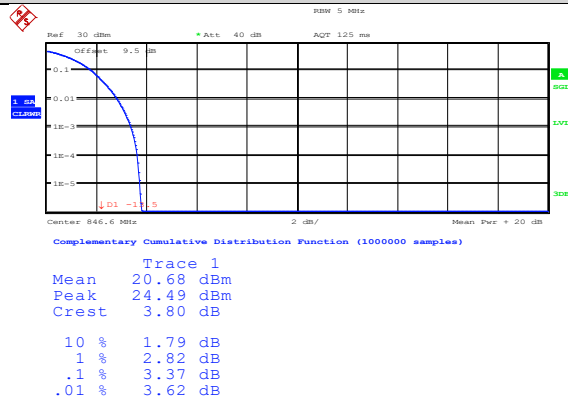
Band5-4182-3



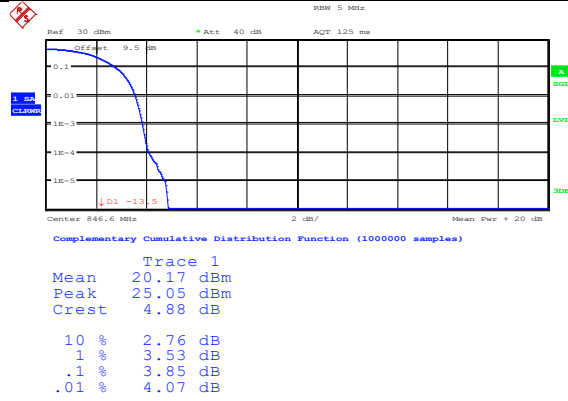
Band5-4182-4



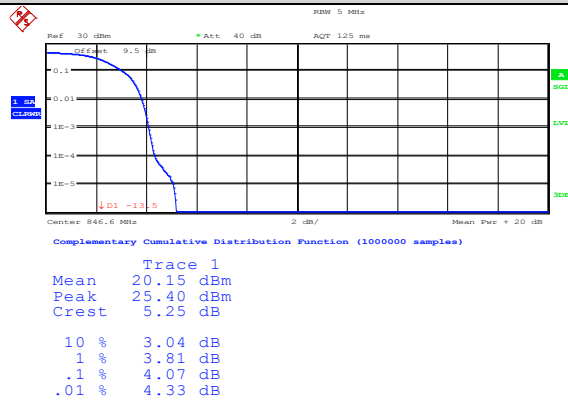
Band5-4233-1



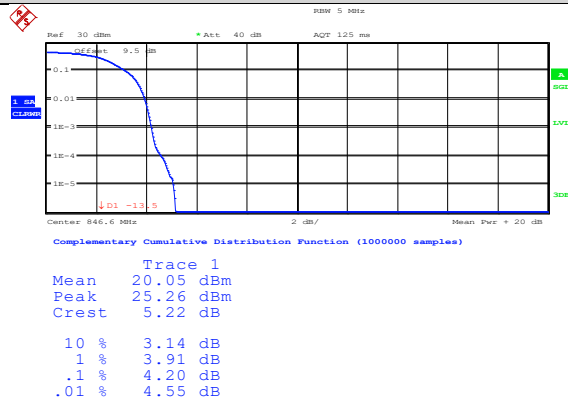
Band5-4233-2



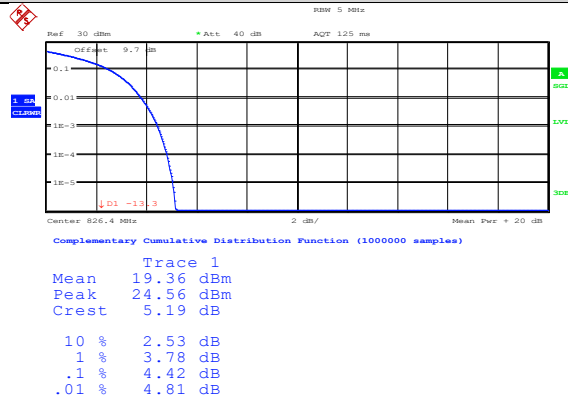
Band5-4233-3



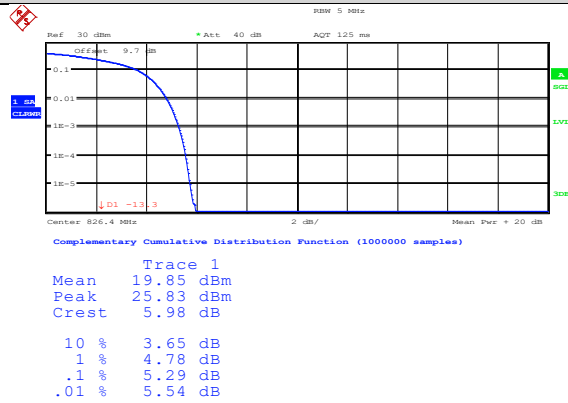
Band5-4233-4



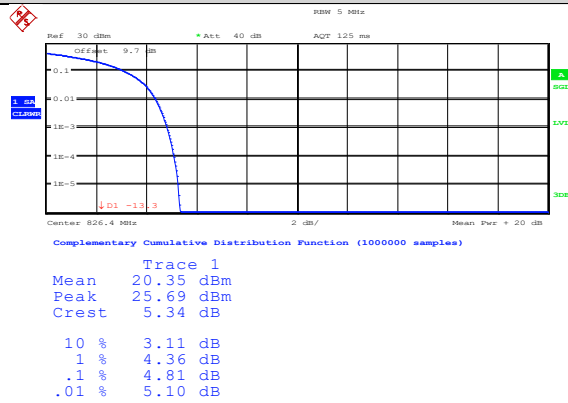
Band5-4132-1



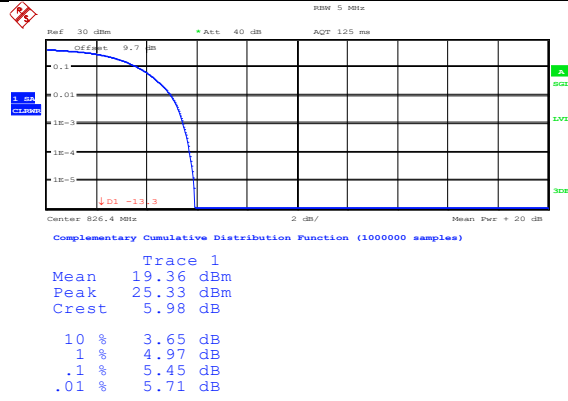
Band5-4132-2



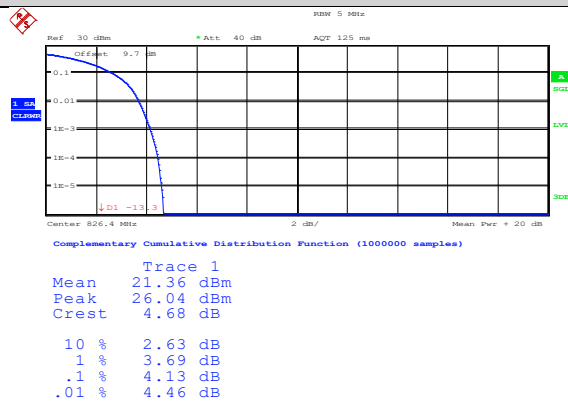
Band5-4132-3



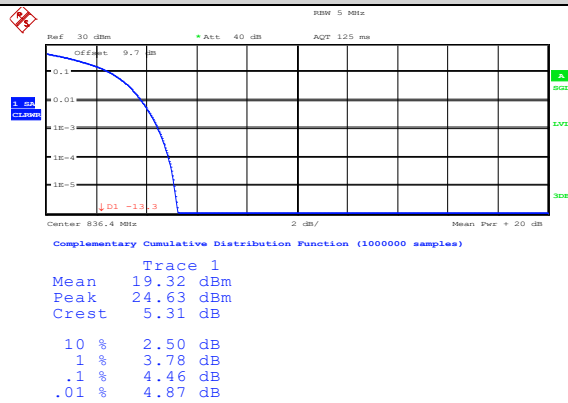
Band5-4132-4



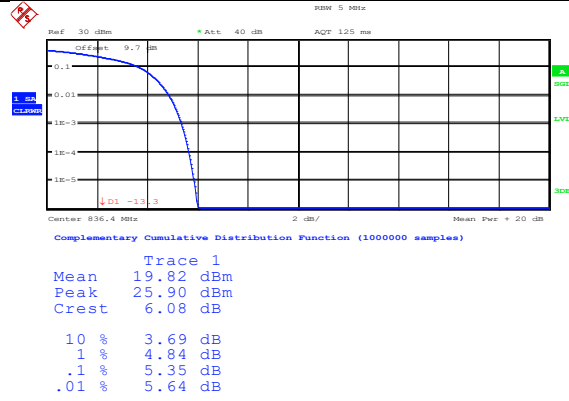
Band5-4132-5



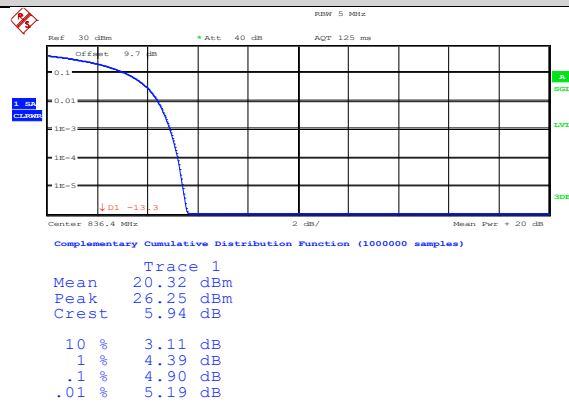
Band5-4182-1



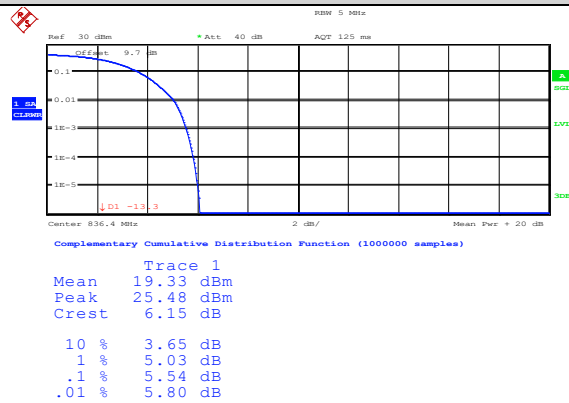
Band5-4182-2



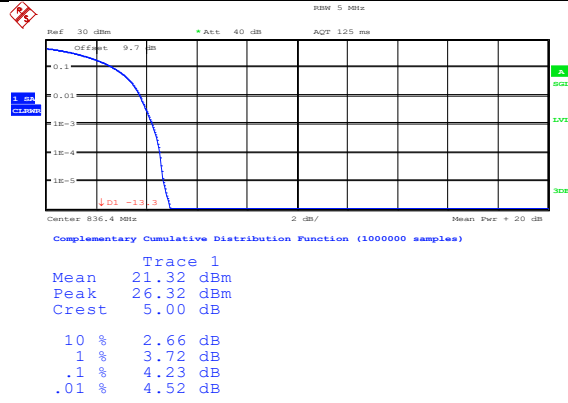
Band5-4182-3



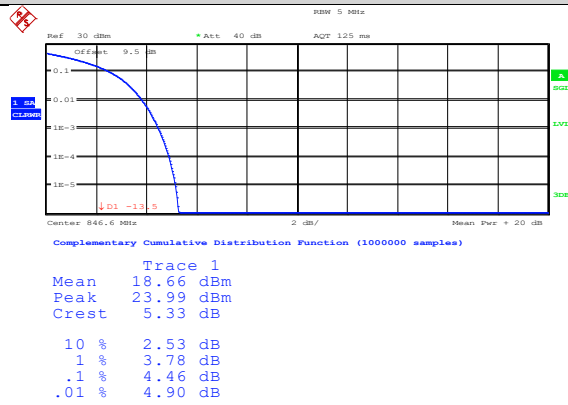
Band5-4182-4



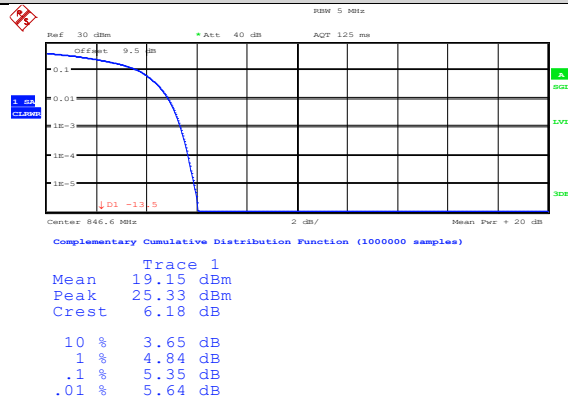
Band5-4182-5



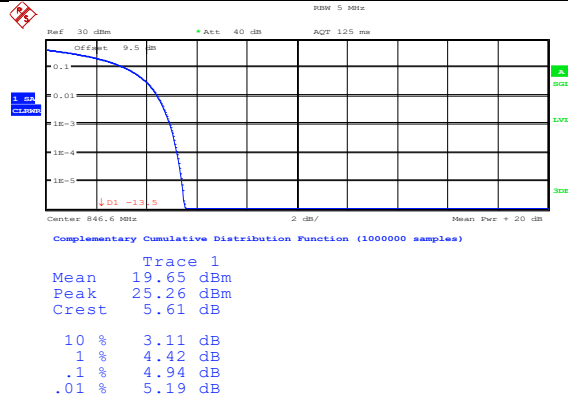
Band5-4233-1



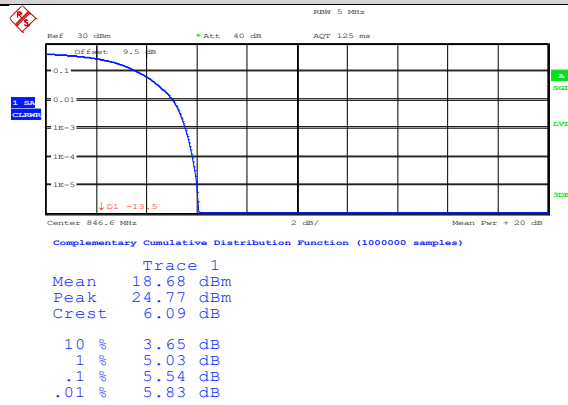
Band5-4233-2



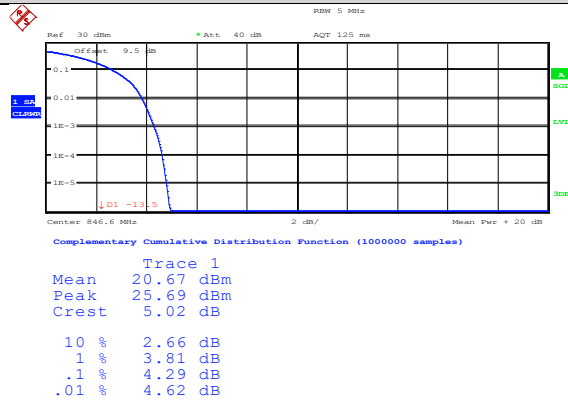
Band5-4233-3



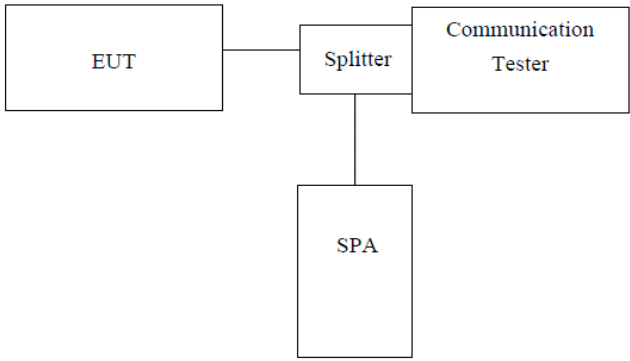
Band5-4233-4



Band5-4233-5



4.5 Occupy Bandwidth

Test Requirement:	FCC part22.913(a) and FCC part24.232(b)
Test Method:	FCC part2.1049
Test setup:	 <p style="text-align: center;"><i>Note: Measurement setup for testing on Antenna connector</i></p>
Test Procedure:	<ol style="list-style-type: none"> 1. The EUT's output RF connector was connected with a short cable to the spectrum analyzer 2. RBW was set to about 1% of emission BW, VBW= 3 times RBW. 3. -26dBc display line was placed on the screen (or 99% bandwidth), the occupied bandwidth is the delta frequency between the two points where the display line intersects the signal trace.
Test Instruments:	Refer to section 5.0 for details
Test mode:	Refer to section 6.1 for details
Test results:	Pass

Measurement Data

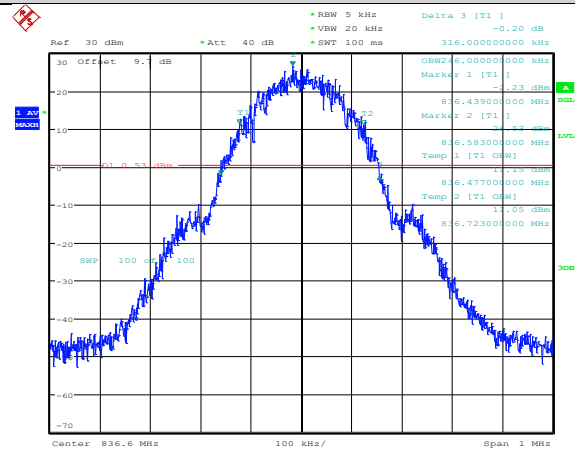
Band	Channel	PCL	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
GSM850	128	5	0.242	0.30	---	PASS
GSM850	190	5	0.246	0.32	---	PASS
GSM850	251	5	0.246	0.32	---	PASS
GPRS850	128	5	0.245	0.32	---	PASS
GPRS850	190	5	0.244	0.31	---	PASS
GPRS850	251	5	0.25	0.31	---	PASS
EGPRS850	128	8	0.251	0.32	---	PASS
EGPRS850	190	8	0.236	0.29	---	PASS
EGPRS850	251	8	0.242	0.31	---	PASS
GSM1900	512	0	0.245	0.32	---	PASS
GSM1900	661	0	0.246	0.31	---	PASS
GSM1900	810	0	0.245	0.31	---	PASS
GPRS1900	512	0	0.240	0.31	---	PASS
GPRS1900	661	0	0.24	0.32	---	PASS
GPRS1900	810	0	0.245	0.31	---	PASS
EGPRS1900	512	2	0.24	0.32	---	PASS
EGPRS1900	661	2	0.24	0.31	---	PASS
EGPRS1900	810	2	0.25	0.31	---	PASS

@FCC_GSM_Occupied_BandWidth_IMG@GSM850-128



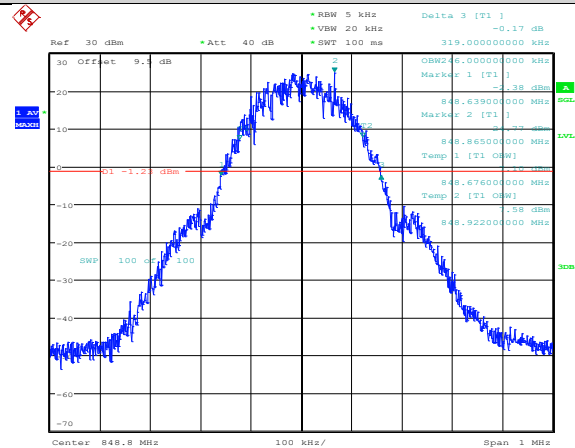
@FCC_GSM_Occupied_BandWidth_IMG@

@FCC_GSM_Occupied_BandWidth_IMG@GSM850-190



@FCC_GSM_Occupied_BandWidth_IMG@

@FCC_GSM_Occupied_BandWidth_IMG@GSM850-251



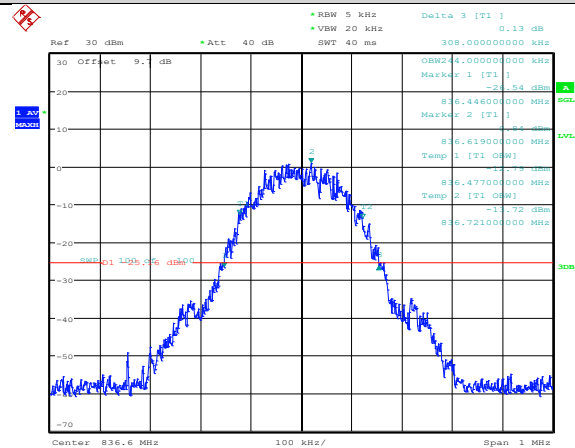
@FCC_GSM_Occupied_BandWidth_IMG@

@FCC_GSM_Occupied_BandWidth_IMG@GPRS850-128



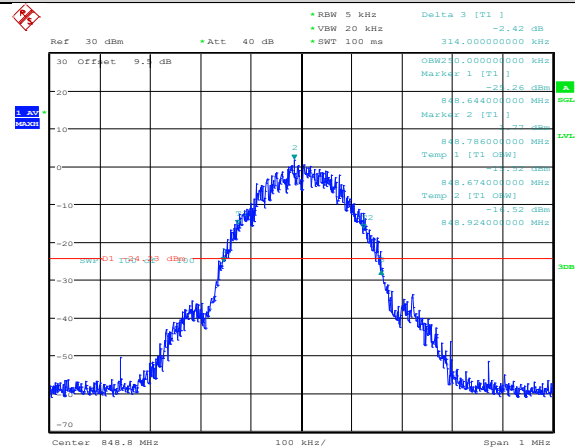
@FCC_GSM_Occupied_BandWidth_IMG@

@FCC_GSM_Occupied_BandWidth_IMG@GPRS850-190



@FCC_GSM_Occupied_BandWidth_IMG@

@FCC_GSM_Occupied_BandWidth_IMG@GPRS850-251



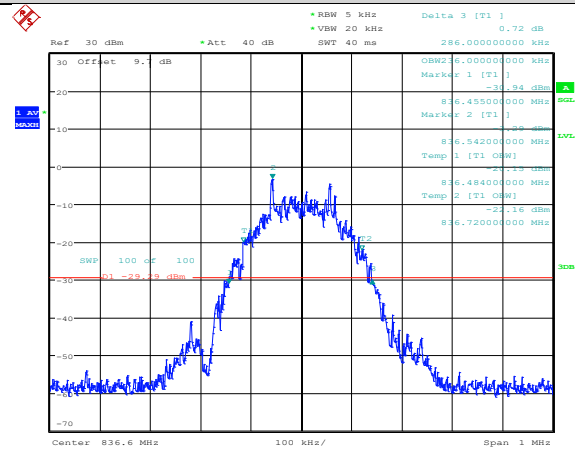
@FCC_GSM_Occupied_BandWidth_IMG@

@FCC_GSM_Occupied_BandWidth_IMG@EGPRS850-128



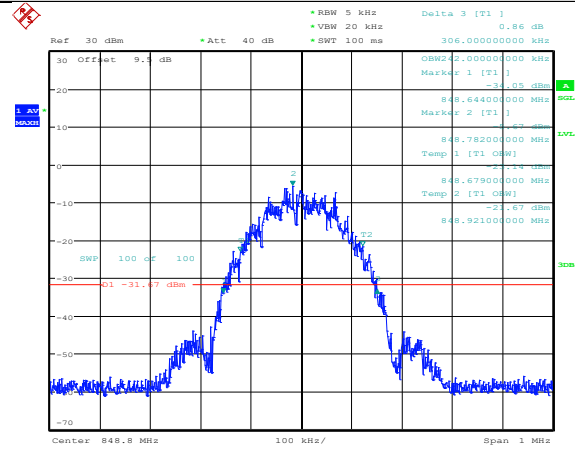
@FCC_GSM_Occupied_BandWidth_IMG@

@FCC_GSM_Occupied_BandWidth_IMG@EGPRS850-190



@FCC_GSM_Occupied_BandWidth_IMG@

@FCC_GSM_Occupied_BandWidth_IMG@EGPRS850-251



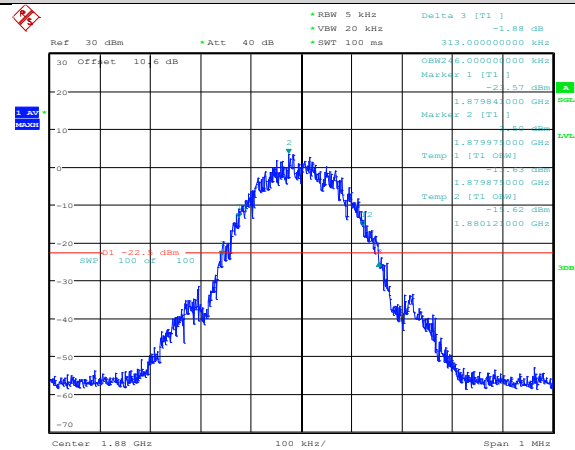
@FCC_GSM_Occupied_BandWidth_IMG@

@FCC_GSM_Occupied_BandWidth_IMG@GSM1900-512



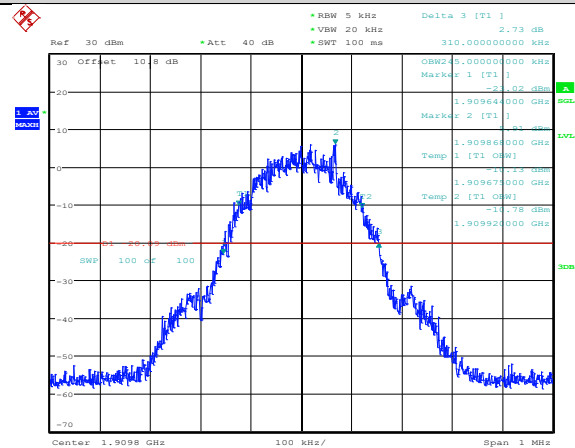
@FCC_GSM_Occupied_BandWidth_IMG@

@FCC_GSM_Occupied_BandWidth_IMG@GSM1900-661



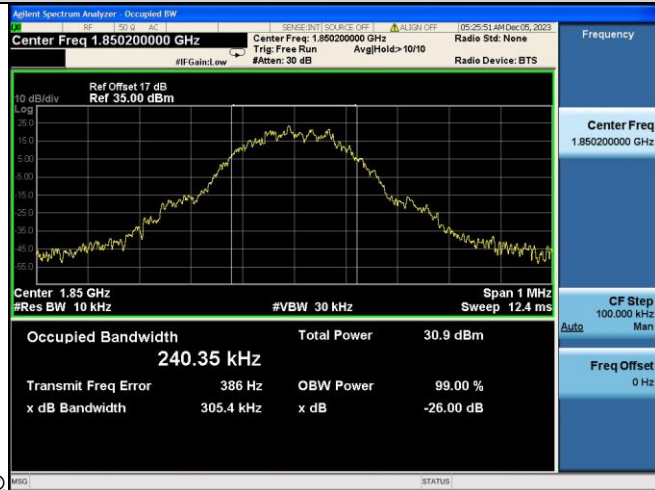
@FCC_GSM_Occupied_BandWidth_IMG@

@FCC_GSM_Occupied_BandWidth_IMG@GSM1900-810



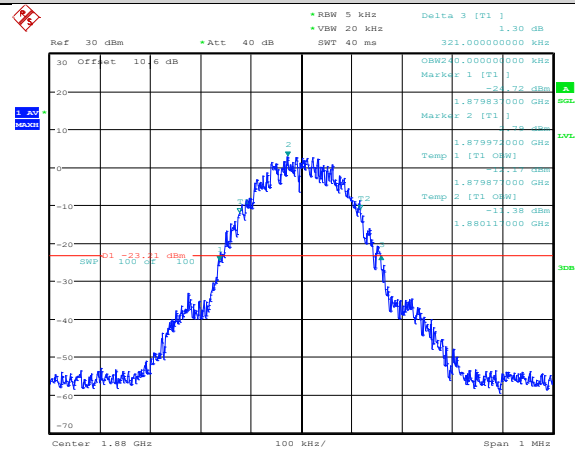
@FCC_GSM_Occupied_BandWidth_IMG@

@FCC_GSM_Occupied_BandWidth_IMG@GPRS1900-512



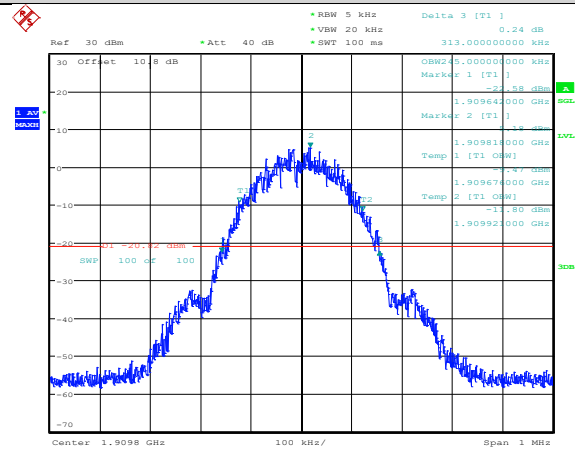
@FCC_GSM_Occupied_BandWidth_IMG@

@FCC_GSM_Occupied_BandWidth_IMG@GPRS1900-661



@FCC_GSM_Occupied_BandWidth_IMG@

@FCC_GSM_Occupied_BandWidth_IMG@GPRS1900-810



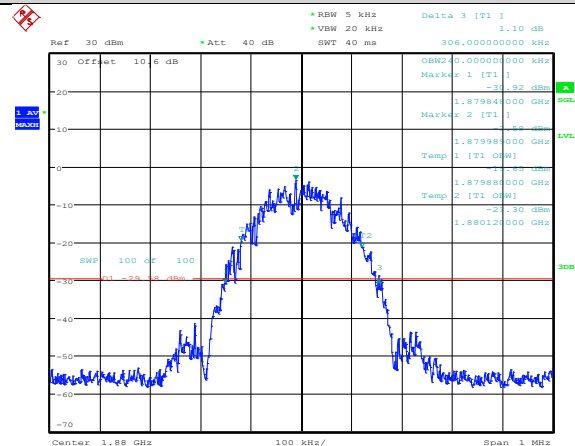
@FCC_GSM_Occupied_BandWidth_IMG@

@FCC_GSM_Occupied_BandWidth_IMG@EGPRS1900-512



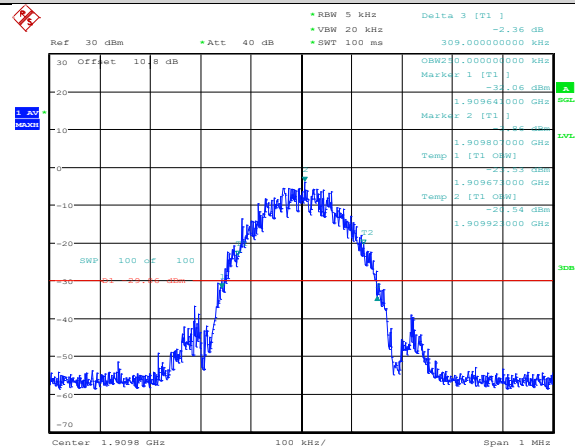
@FCC_GSM_Occupied_BandWidth_IMG@

@FCC_GSM_Occupied_BandWidth_IMG@EGPRS1900-661



@FCC_GSM_Occupied_BandWidth_IMG@

@FCC_GSM_Occupied_BandWidth_IMG@EGPRS1900-810



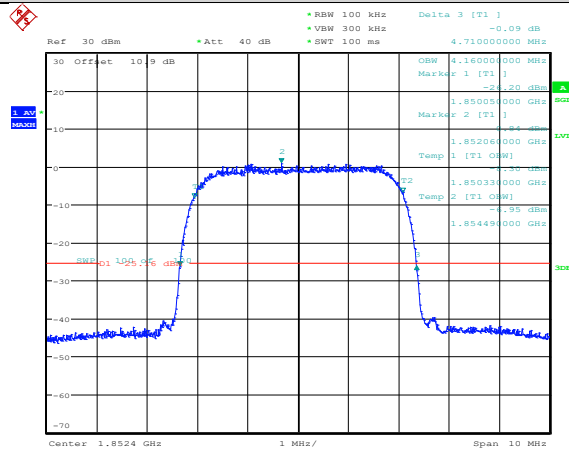
@FCC_GSM_Occupied_BandWidth_IMG@

Band	Channel	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
Band2	9262	4.16	4.71	---	PASS
Band2	9400	4.18	4.70	---	PASS
Band2	9538	4.18	4.72	---	PASS

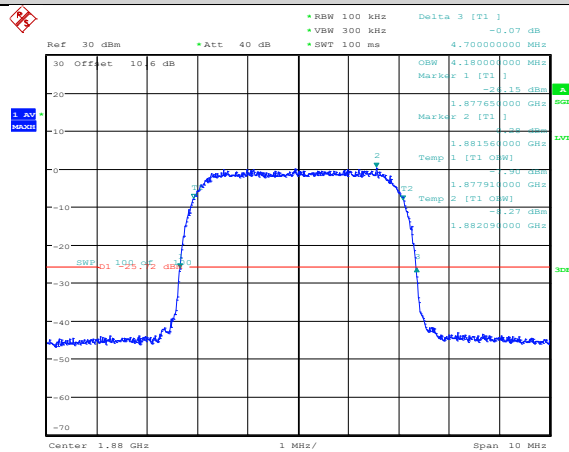
Band	Channel	SubTest	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
Band2	9262	1	4.17	4.68	---	PASS
Band2	9262	2	4.16	4.70	---	PASS
Band2	9262	3	4.16	4.69	---	PASS
Band2	9262	4	4.17	4.69	---	PASS
Band2	9400	1	4.17	4.70	---	PASS
Band2	9400	2	4.18	4.71	---	PASS
Band2	9400	3	4.18	4.70	---	PASS
Band2	9400	4	4.17	4.69	---	PASS
Band2	9538	1	4.18	4.69	---	PASS
Band2	9538	2	4.17	4.69	---	PASS
Band2	9538	3	4.17	4.71	---	PASS
Band2	9538	4	4.18	4.69	---	PASS

Band	Channel	SubTest	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
Band2	9262	1	4.18	4.71	---	PASS
Band2	9262	2	4.18	4.70	---	PASS
Band2	9262	3	4.17	4.69	---	PASS
Band2	9400	1	4.18	4.71	---	PASS
Band2	9400	2	4.17	4.72	---	PASS
Band2	9538	1	4.18	4.71	---	PASS
Band2	9538	2	4.18	4.70	---	PASS

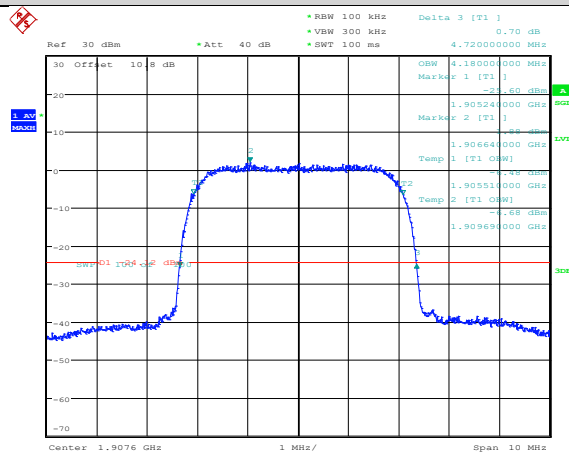
Band2-9262



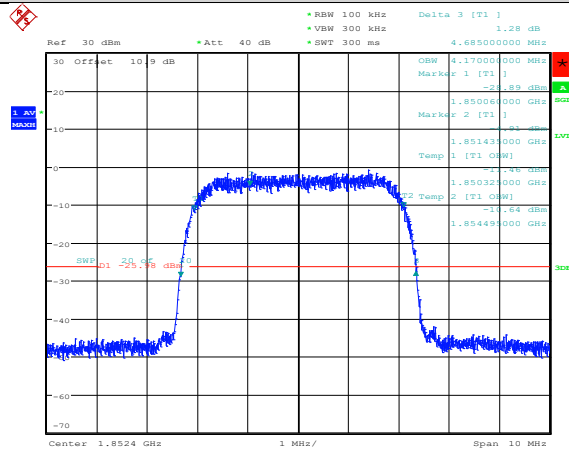
Band2-9400



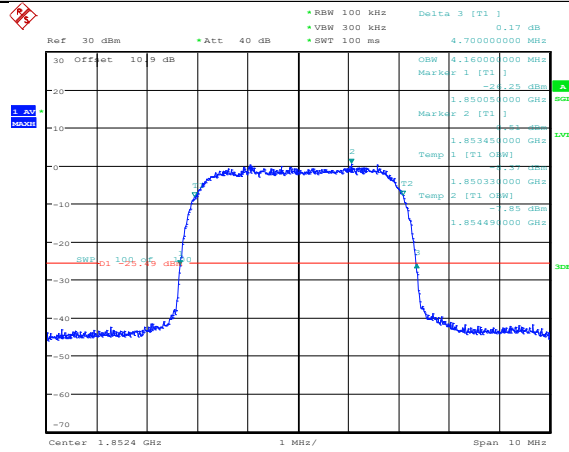
Band2-9538



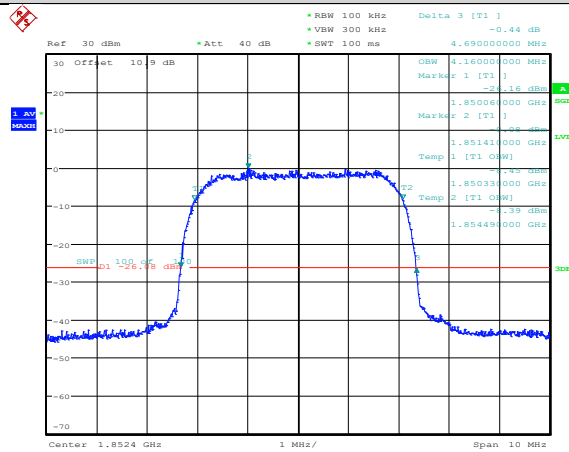
Band2-9262-1



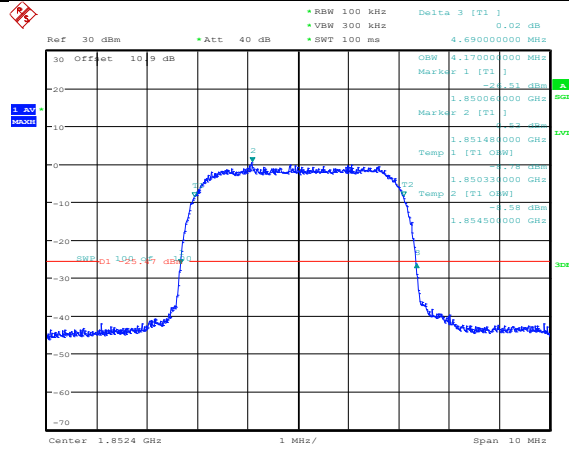
Band2-9262-2



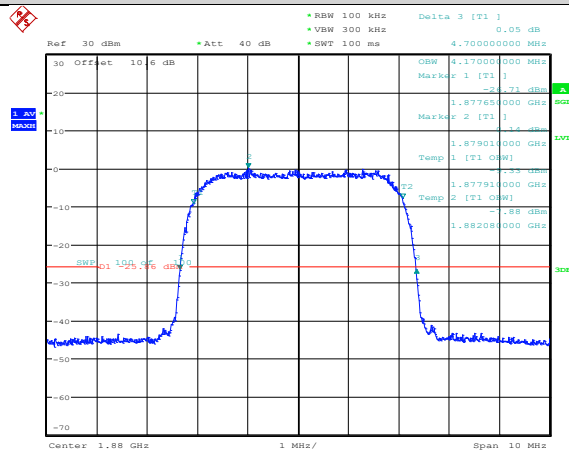
Band2-9262-3



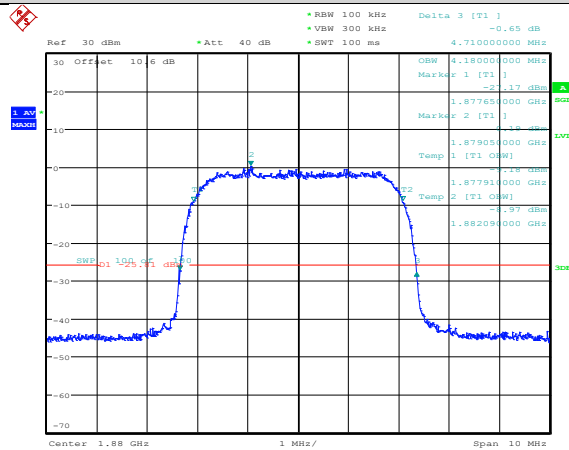
Band2-9262-4



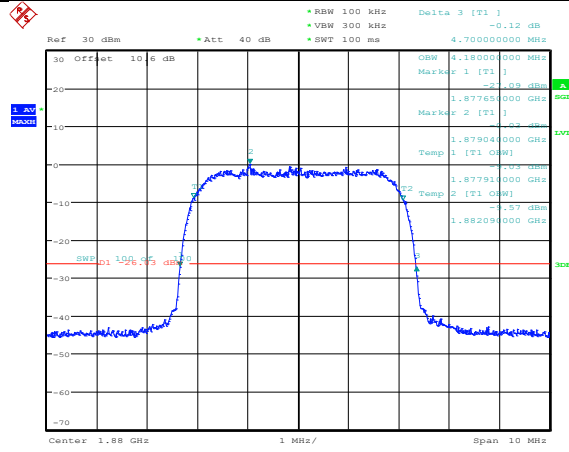
Band2-9400-1



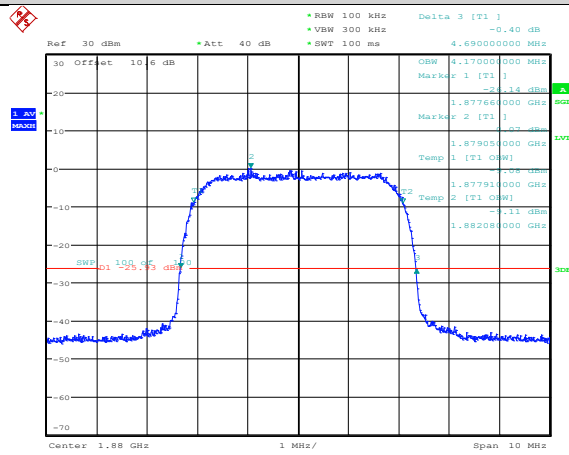
Band2-9400-2



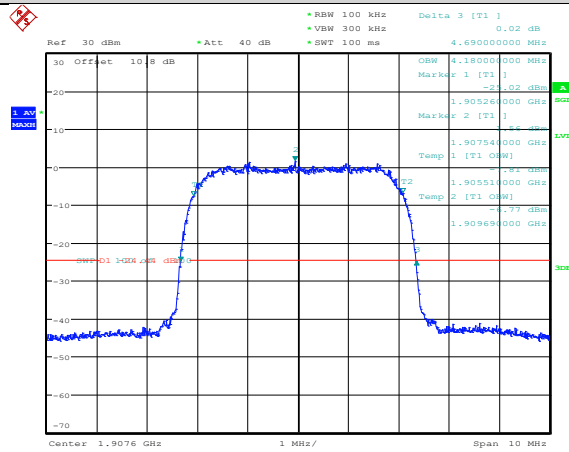
Band2-9400-3



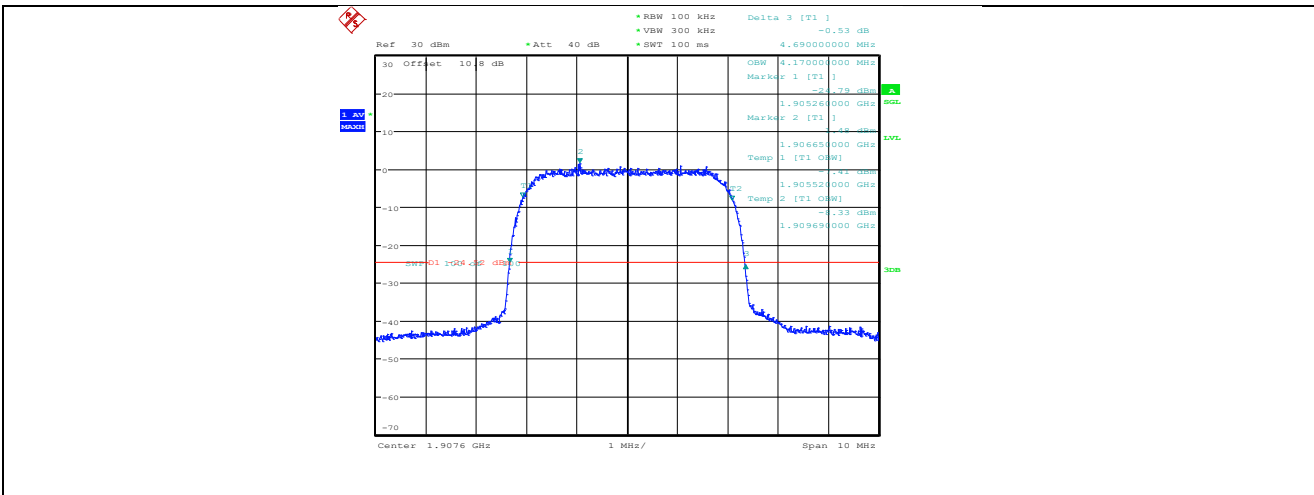
Band2-9400-4



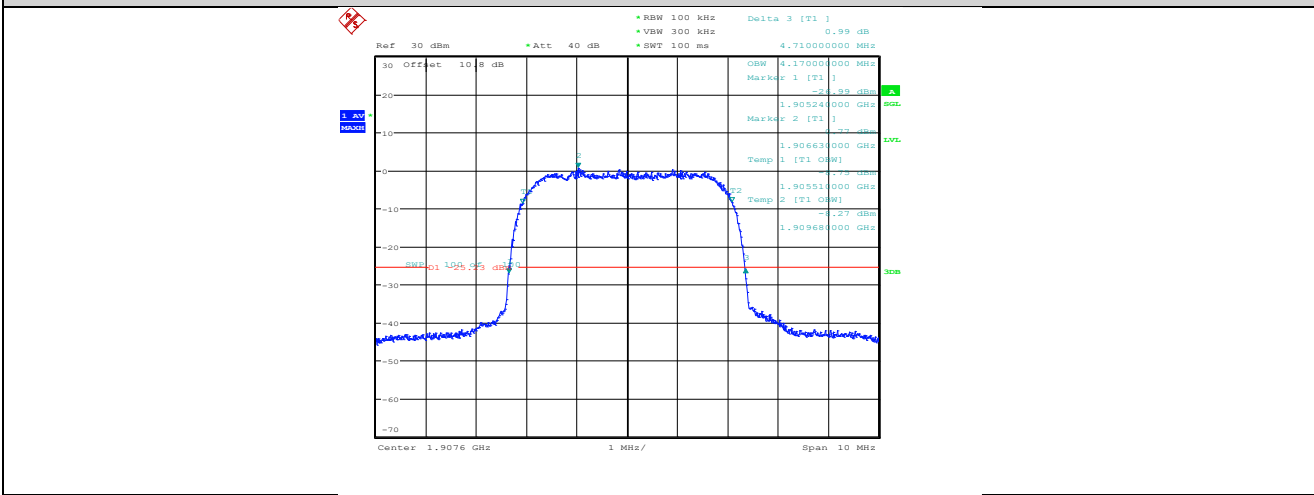
Band2-9538-1



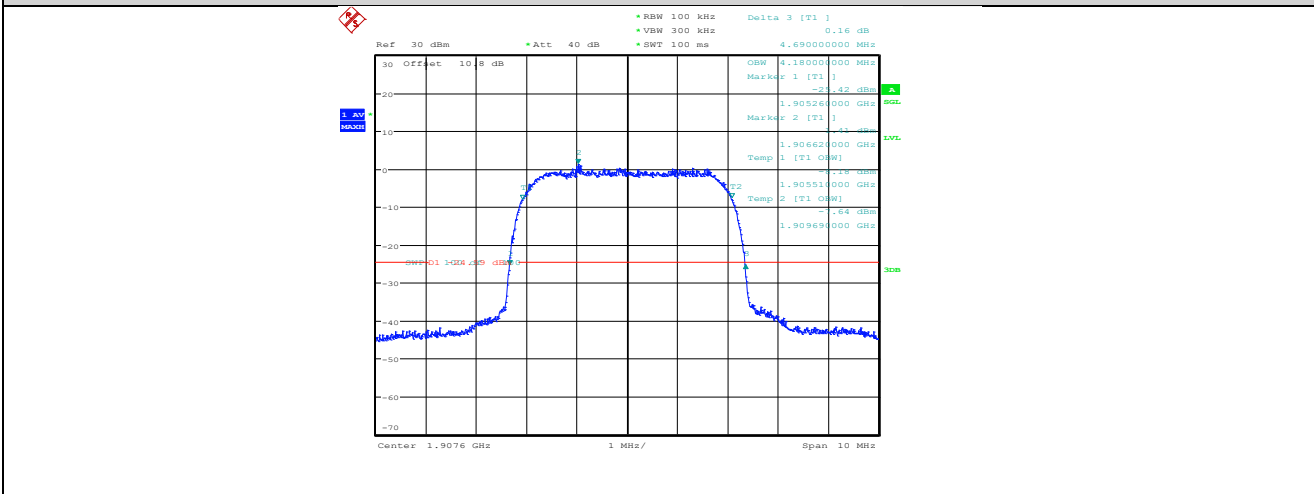
Band2-9538-2



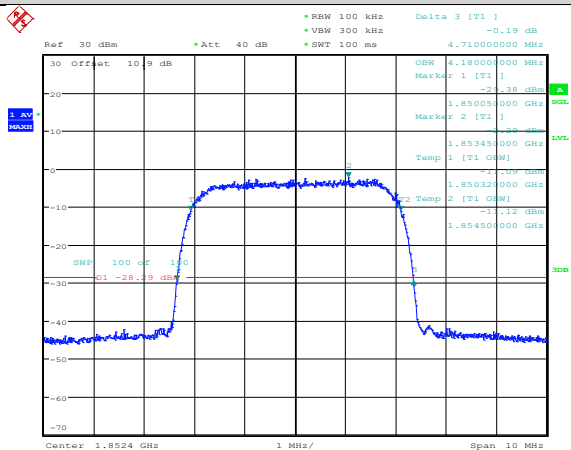
Band2-9538-3



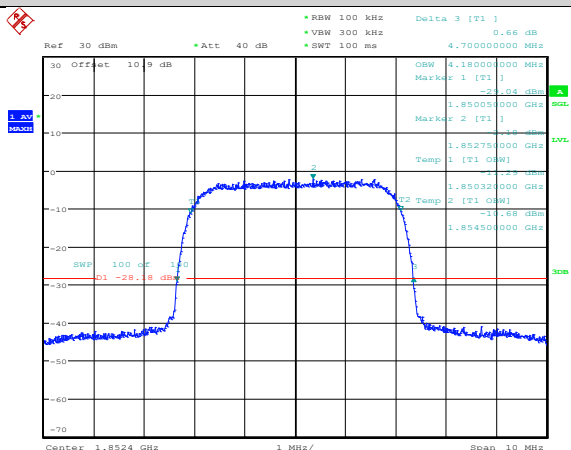
Band2-9538-4



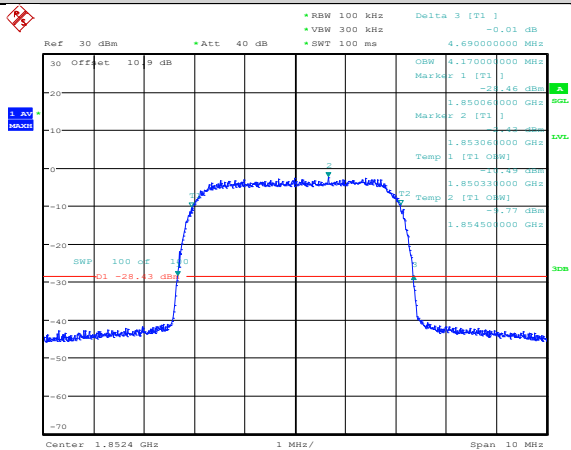
Band2-9262-1



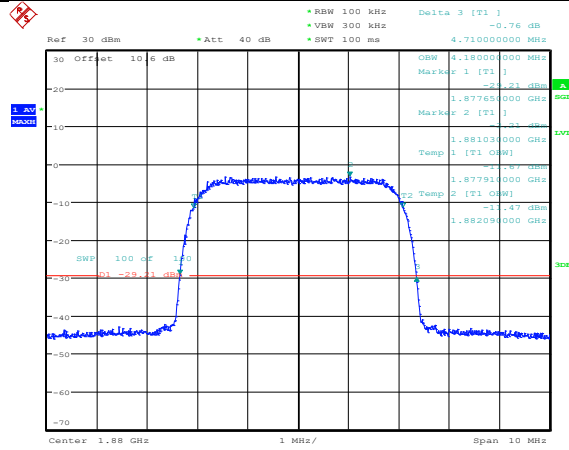
Band2-9262-2



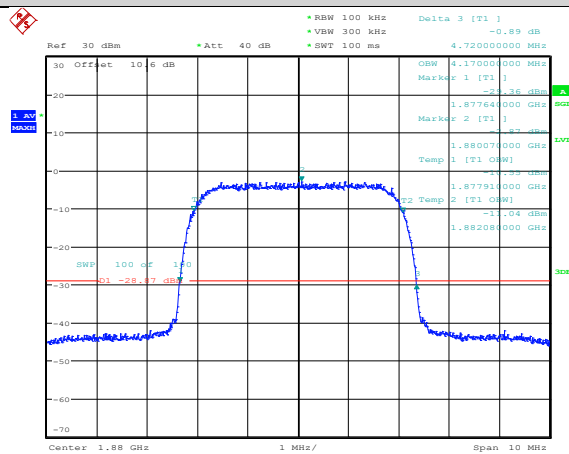
Band2-9262-3



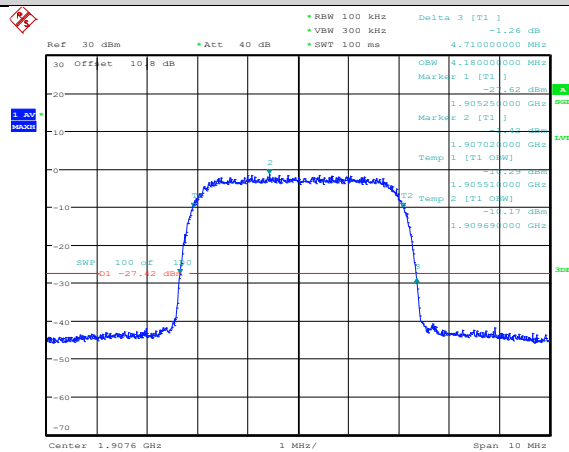
Band2-9400-1



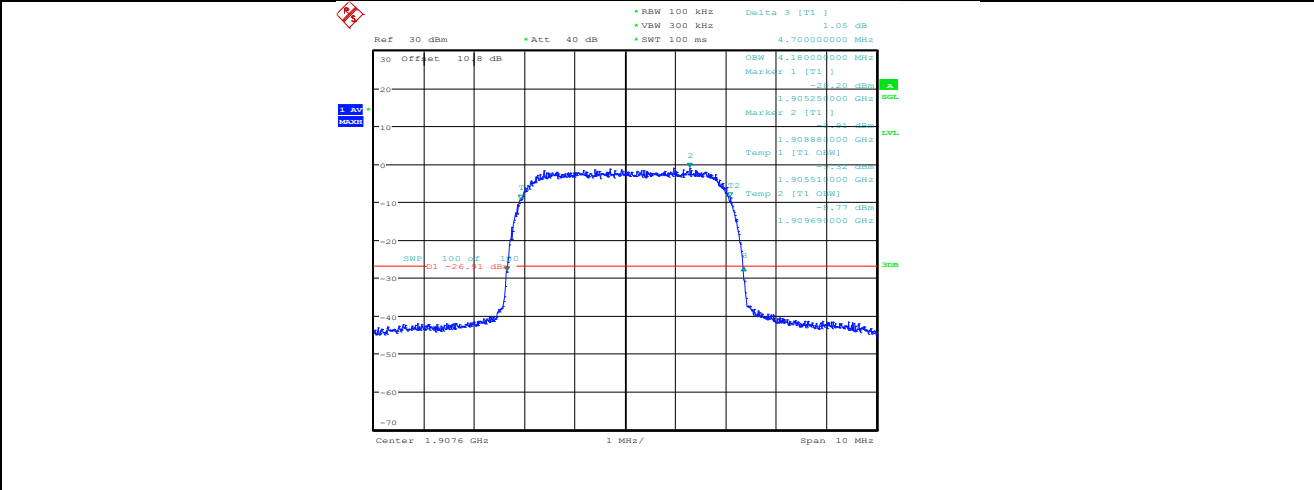
Band2-9400-2



Band2-9538-1

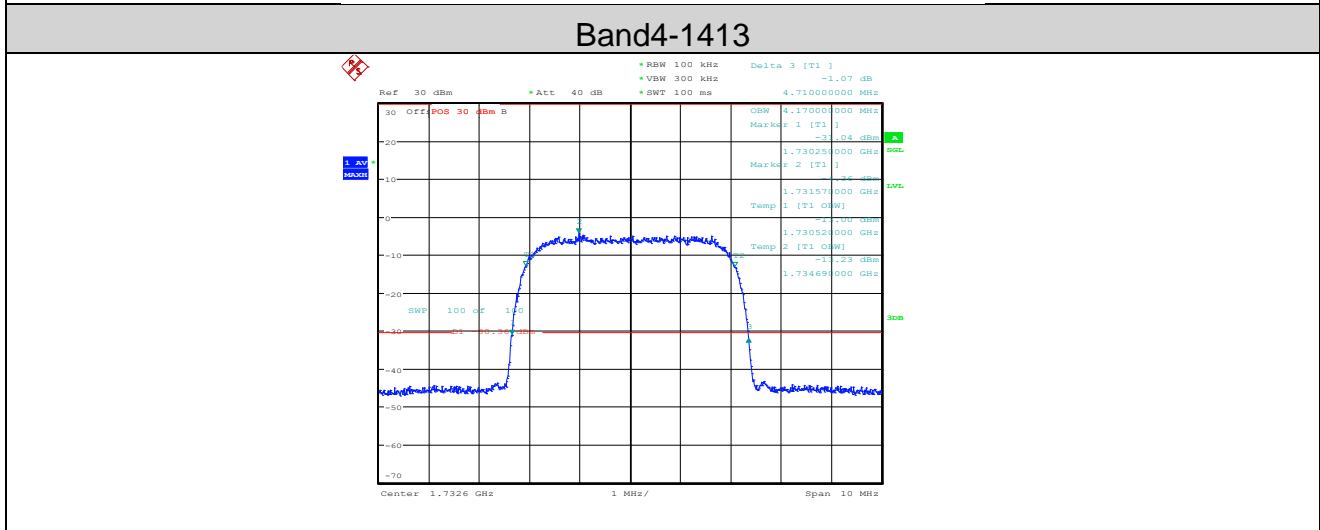
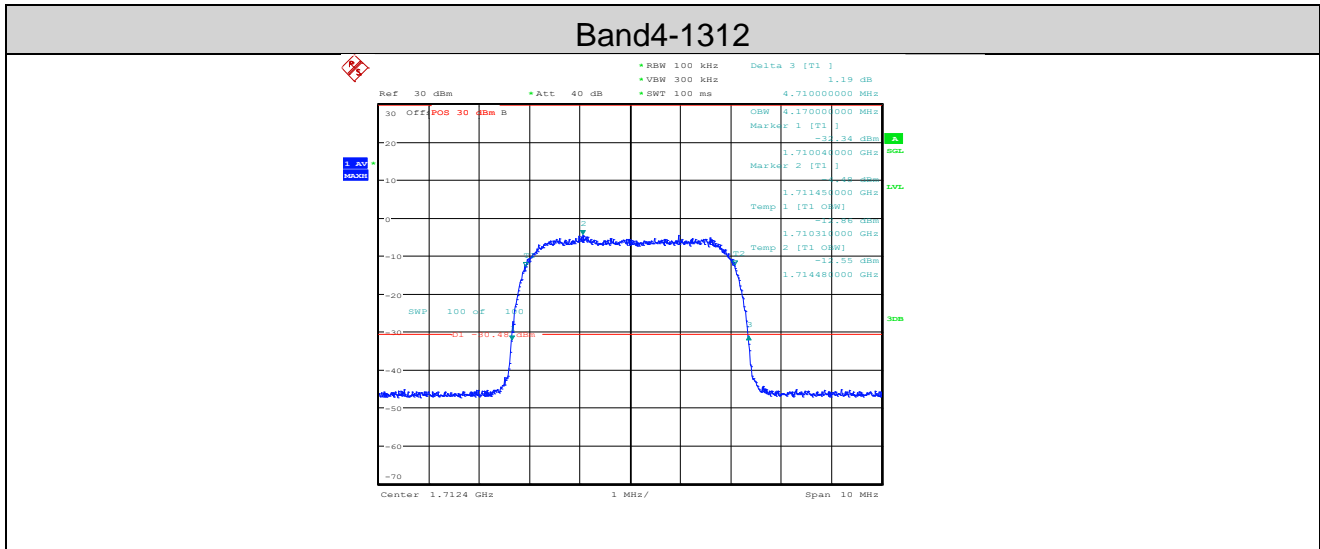


Band2-9538-2

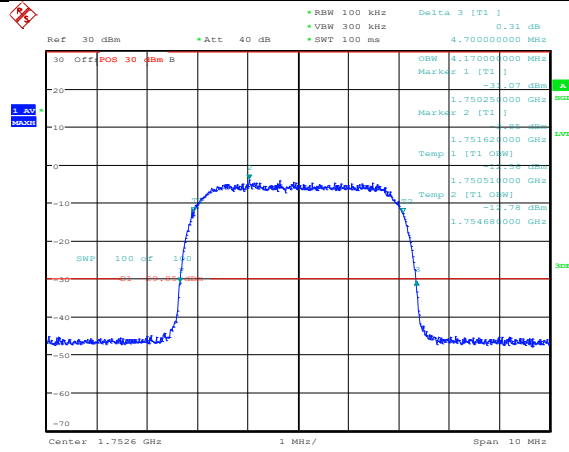


Band	Channel	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
Band4	1312	4.17	4.71	---	PASS
Band4	1413	4.17	4.71	---	PASS
Band4	1513	4.17	4.70	---	PASS

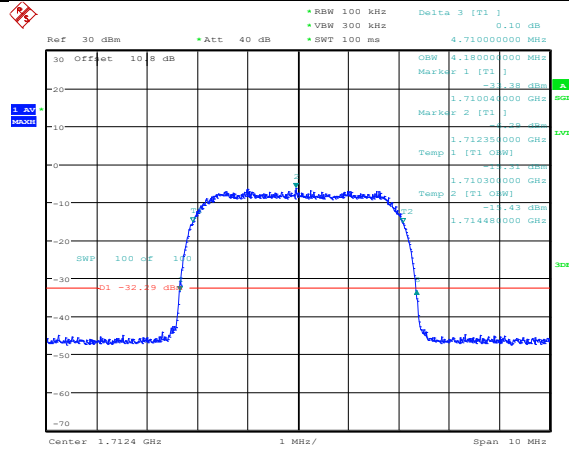
Band	Channel	SubTest	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
Band4	1312	1	4.18	4.71	---	PASS
Band4	1413	1	4.17	4.71	---	PASS
Band4	1513	1	4.18	4.72	---	PASS



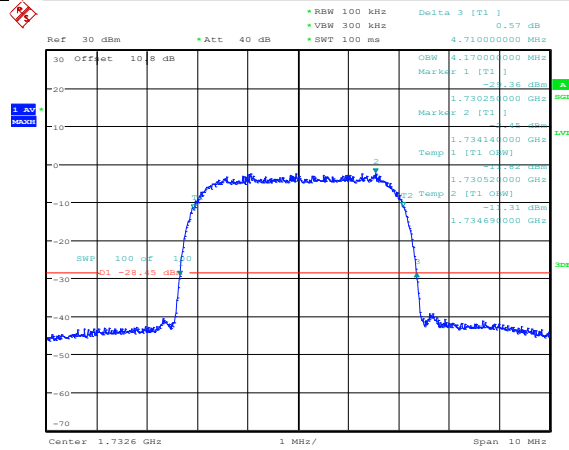
Band4-1513

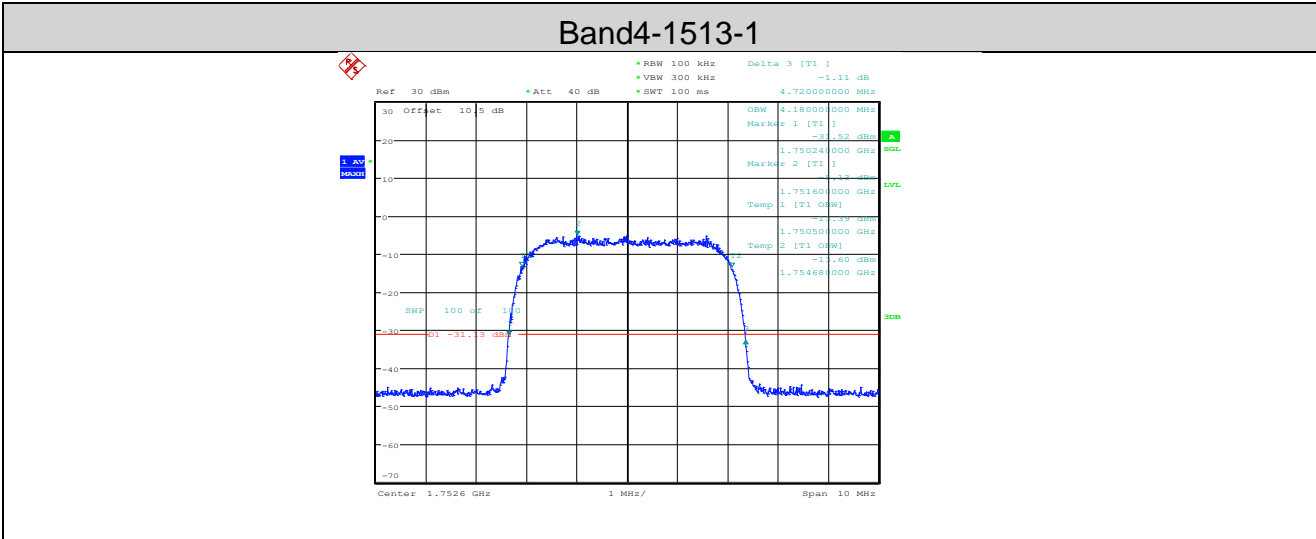


Band4-1312-1



Band4-1413-1



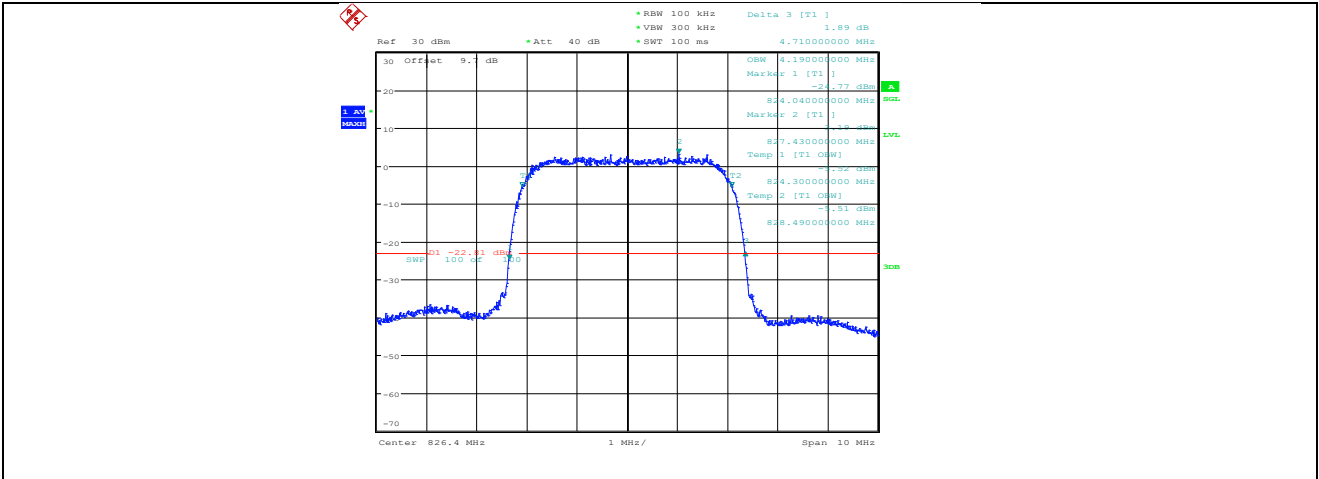


Band	Channel	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
Band5	4132	4.19	4.71	---	PASS
Band5	4182	4.16	4.70	---	PASS
Band5	4233	4.18	4.69	---	PASS

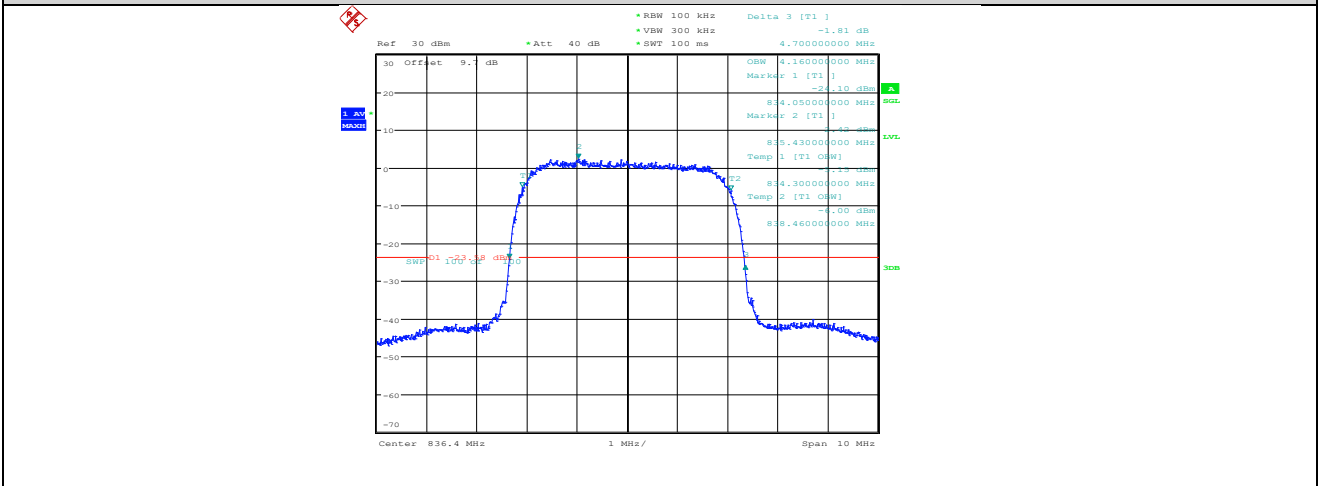
Band	Channel	SubTest	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
Band5	4132	1	4.13	4.73	---	PASS
Band5	4132	2	4.17	4.72	---	PASS
Band5	4132	3	4.17	4.73	---	PASS
Band5	4132	4	4.17	4.72	---	PASS
Band5	4182	1	4.17	4.71	---	PASS
Band5	4182	2	4.17	4.72	---	PASS
Band5	4182	3	4.17	4.71	---	PASS
Band5	4182	4	4.17	4.71	---	PASS
Band5	4233	1	4.17	4.73	---	PASS
Band5	4233	2	4.18	4.72	---	PASS
Band5	4233	3	4.18	4.72	---	PASS
Band5	4233	4	4.18	4.71	---	PASS

Band	Channel	SubTest	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
Band5	4132	1	4.17	4.72	---	PASS
Band5	4132	2	4.18	4.73	---	PASS
Band5	4132	3	4.18	4.72	---	PASS
Band5	4132	4	4.18	4.74	---	PASS
Band5	4132	5	4.18	4.72	---	PASS
Band5	4182	1	4.18	4.72	---	PASS
Band5	4182	2	4.19	4.72	---	PASS
Band5	4182	3	4.18	4.73	---	PASS
Band5	4182	4	4.18	4.72	---	PASS
Band5	4182	5	4.17	4.72	---	PASS
Band5	4233	1	4.17	4.72	---	PASS
Band5	4233	2	4.17	4.73	---	PASS
Band5	4233	3	4.17	4.73	---	PASS
Band5	4233	4	4.18	4.75	---	PASS
Band5	4233	5	4.17	4.72	---	PASS

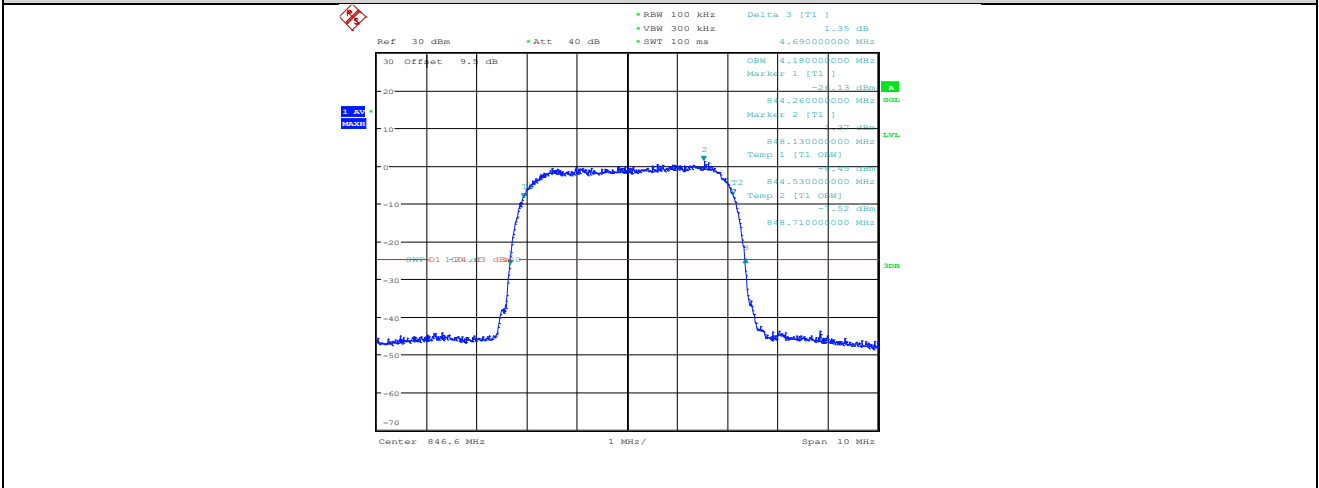
Band5-4132



Band5-4182



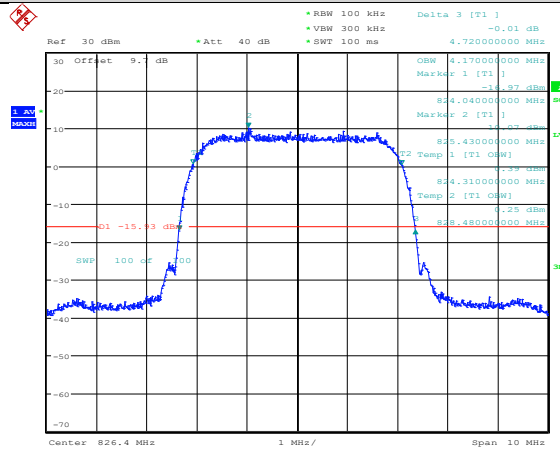
Band5-4233



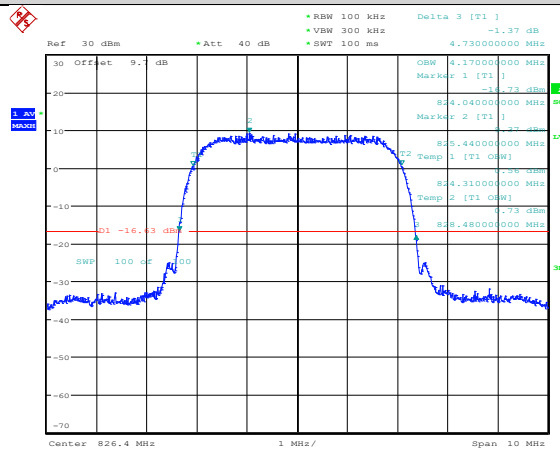
Band5-4132-1



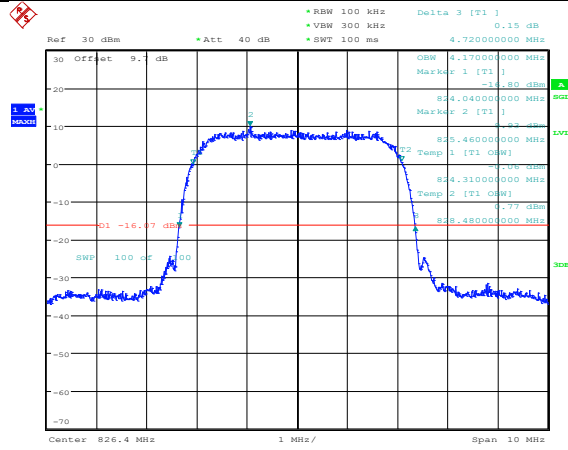
Band5-4132-2



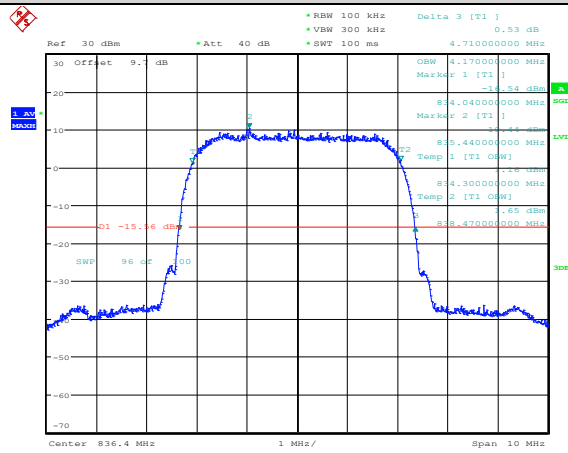
Band5-4132-3



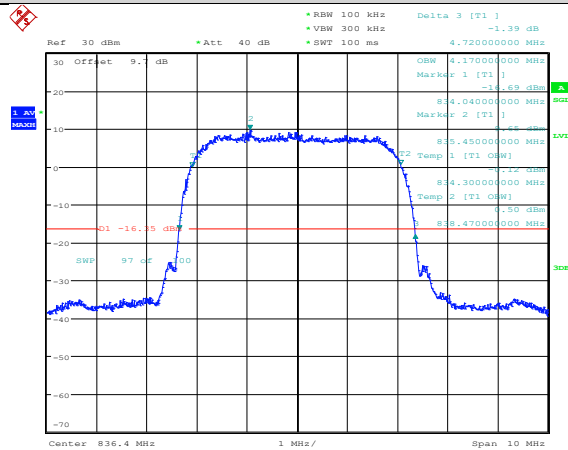
Band5-4132-4



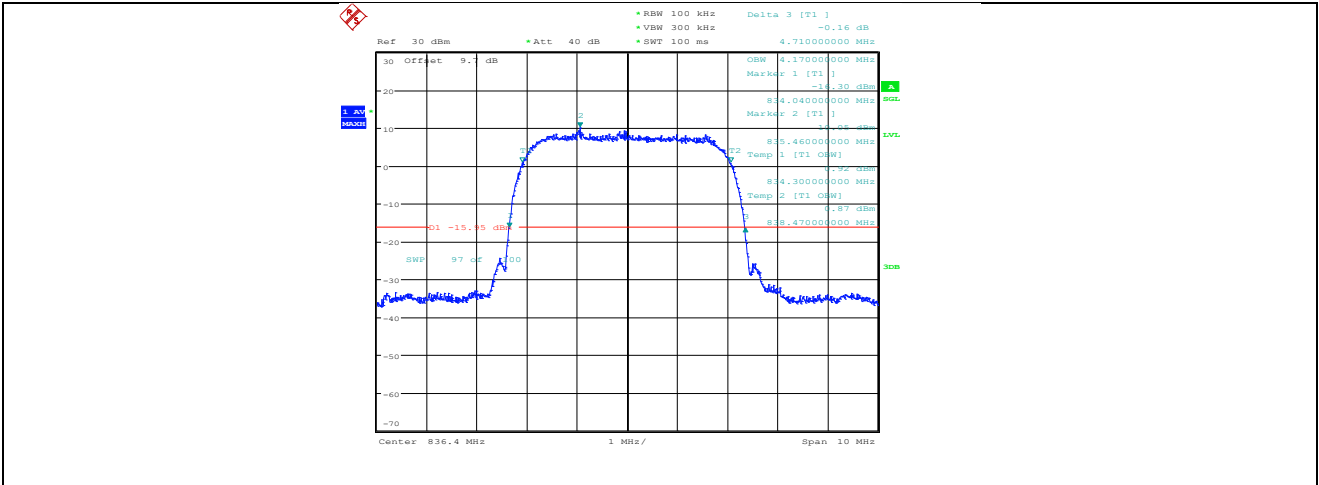
Band5-4182-1



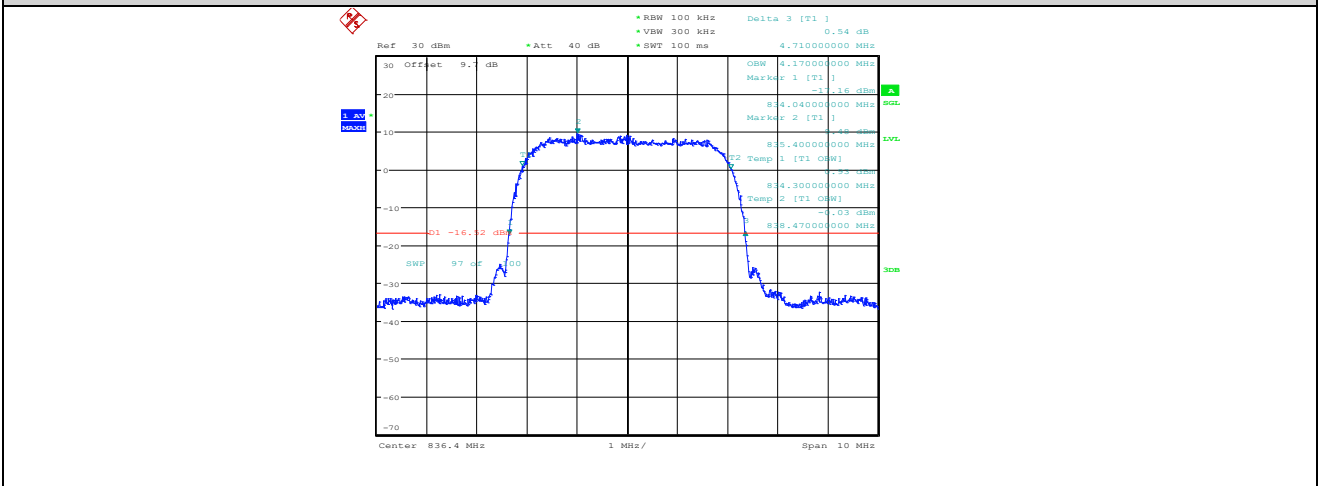
Band5-4182-2



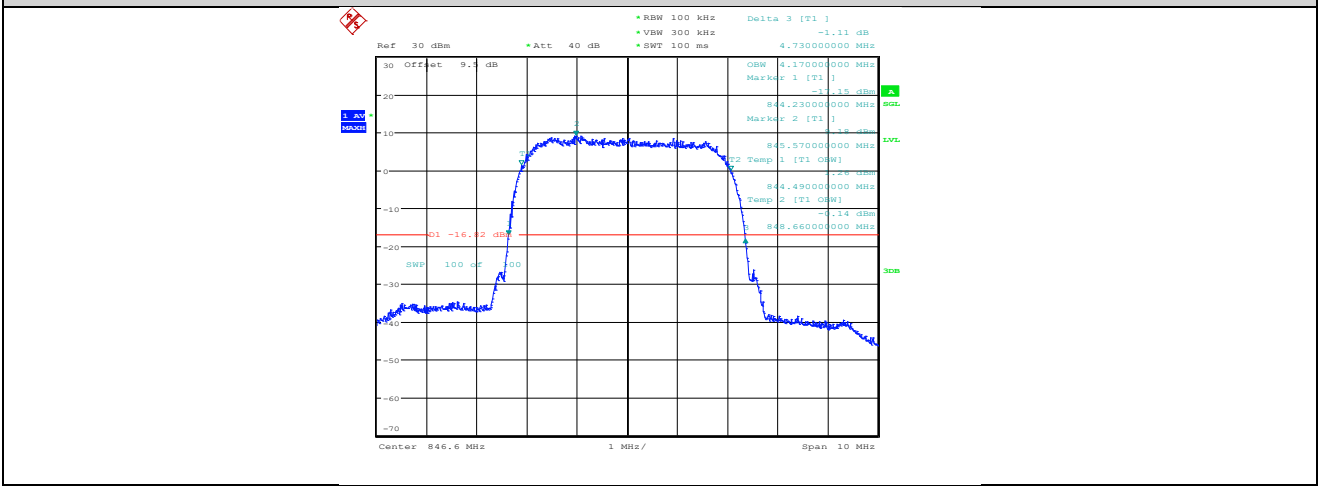
Band5-4182-3



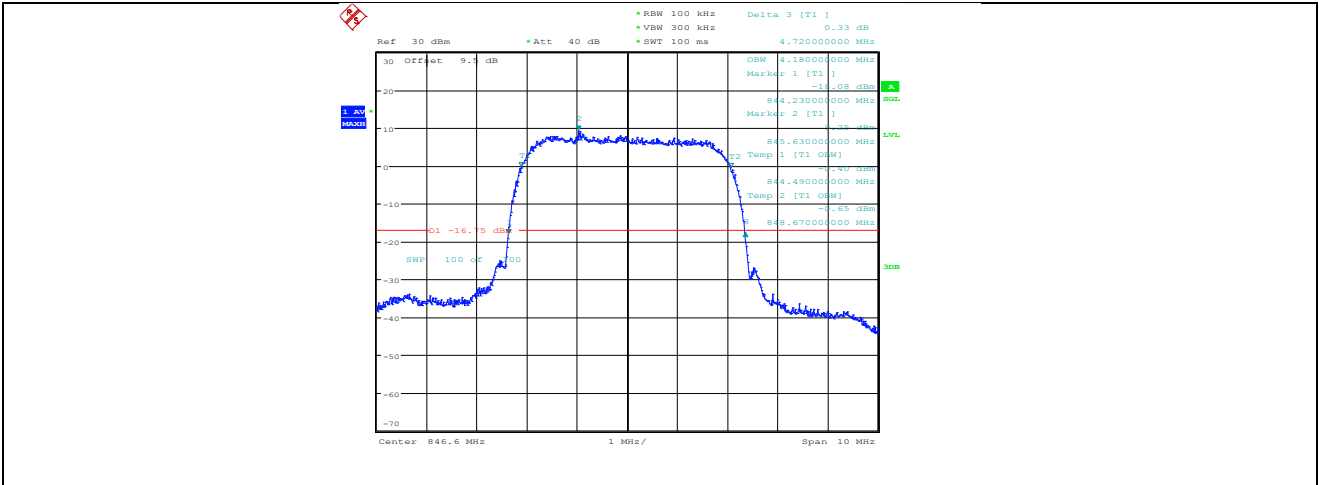
Band5-4182-4



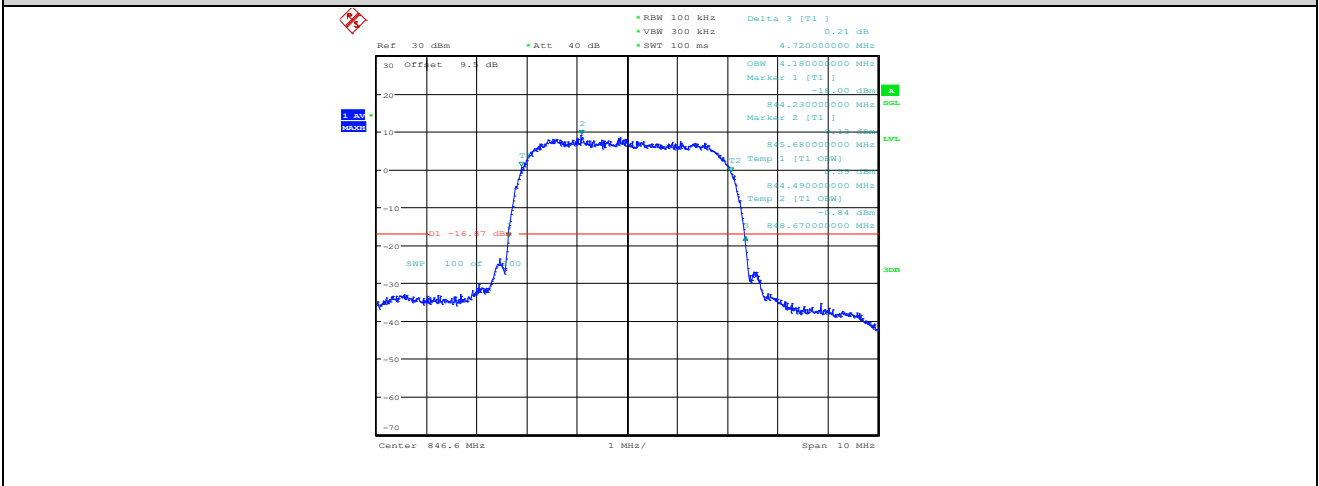
Band5-4233-1



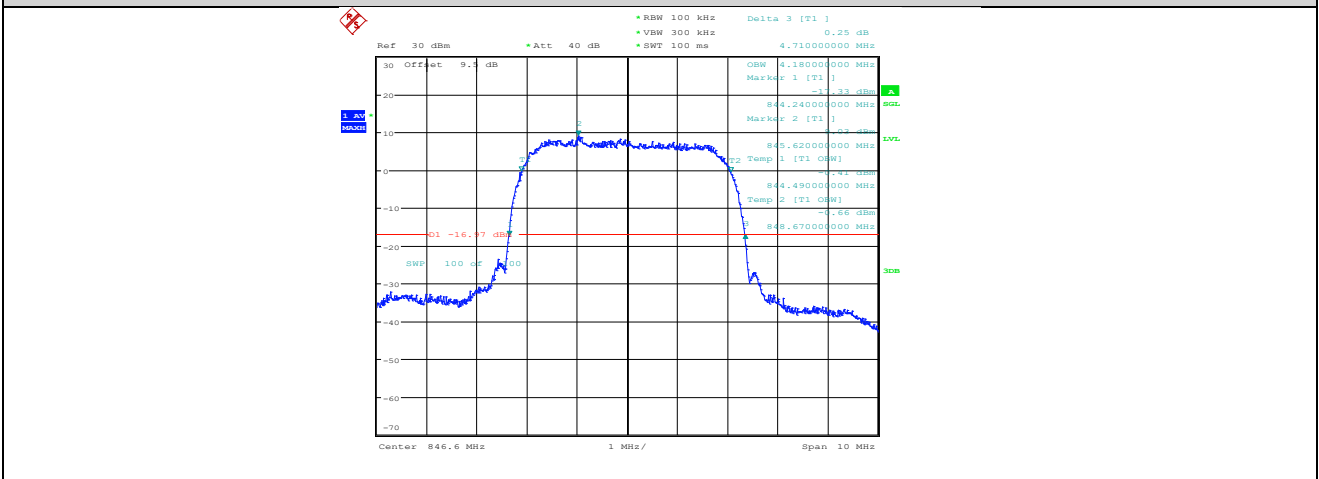
Band5-4233-2



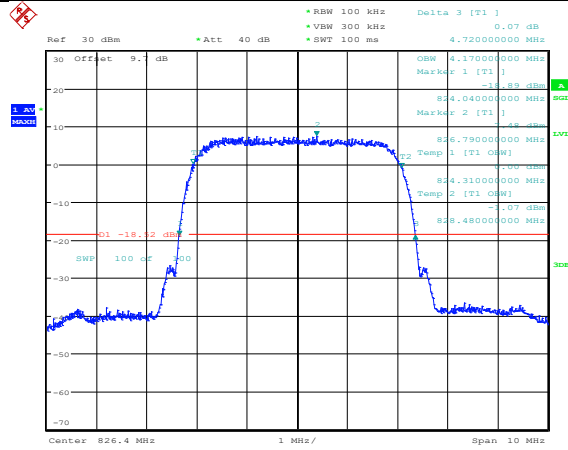
Band5-4233-3



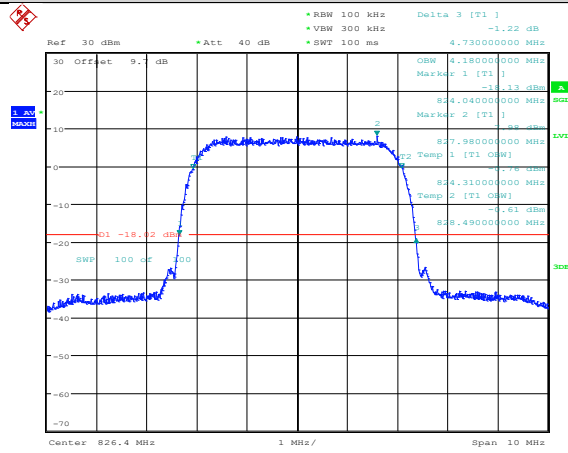
Band5-4233-4



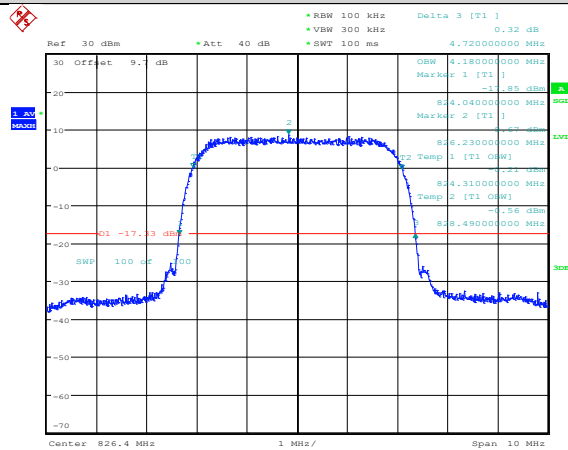
Band5-4132-1



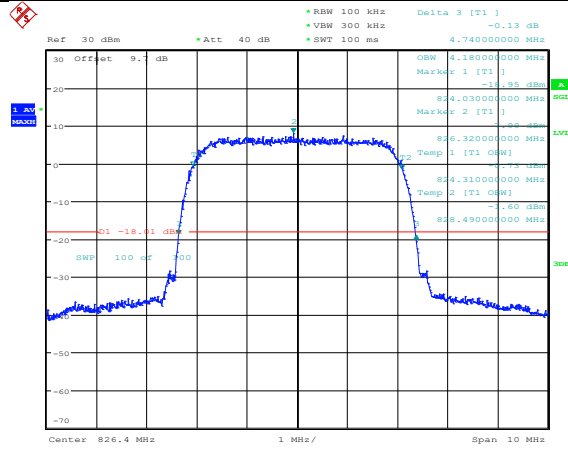
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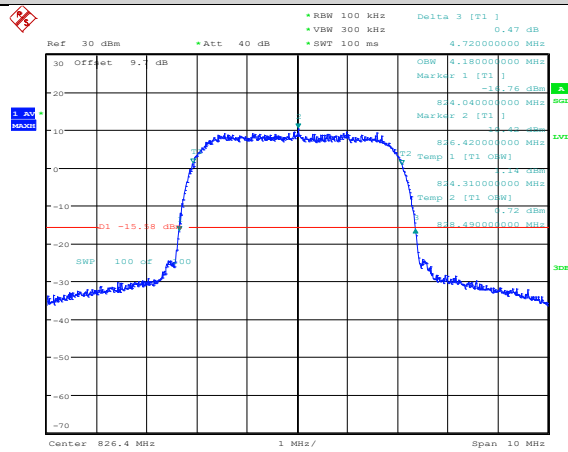
Band5-4132-3



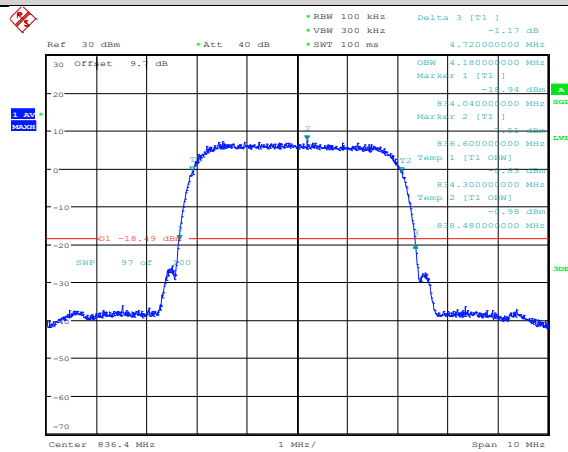
Band5-4132-4



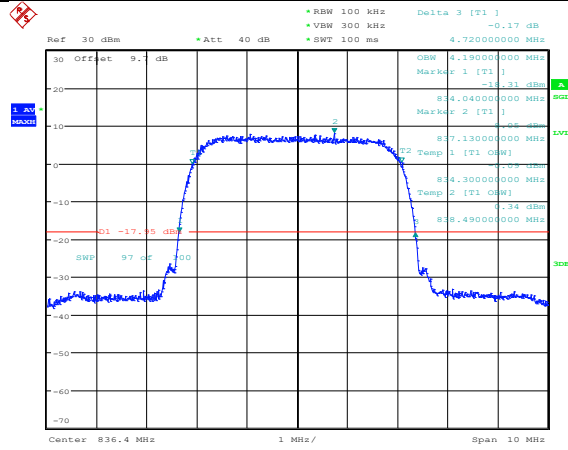
Band5-4132-5



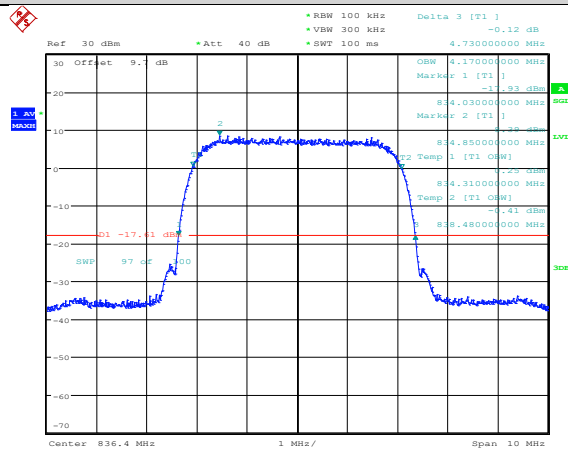
Band5-4182-1



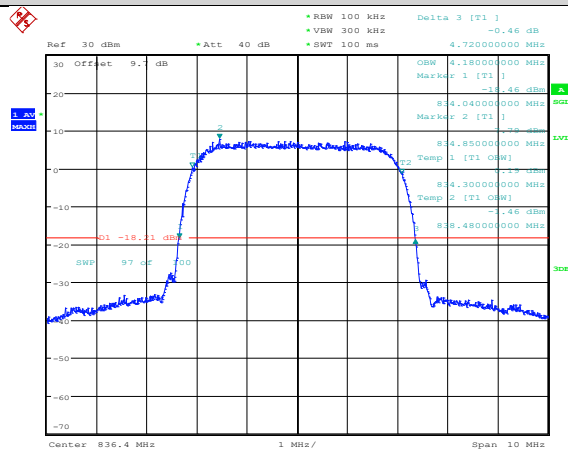
Band5-4182-2



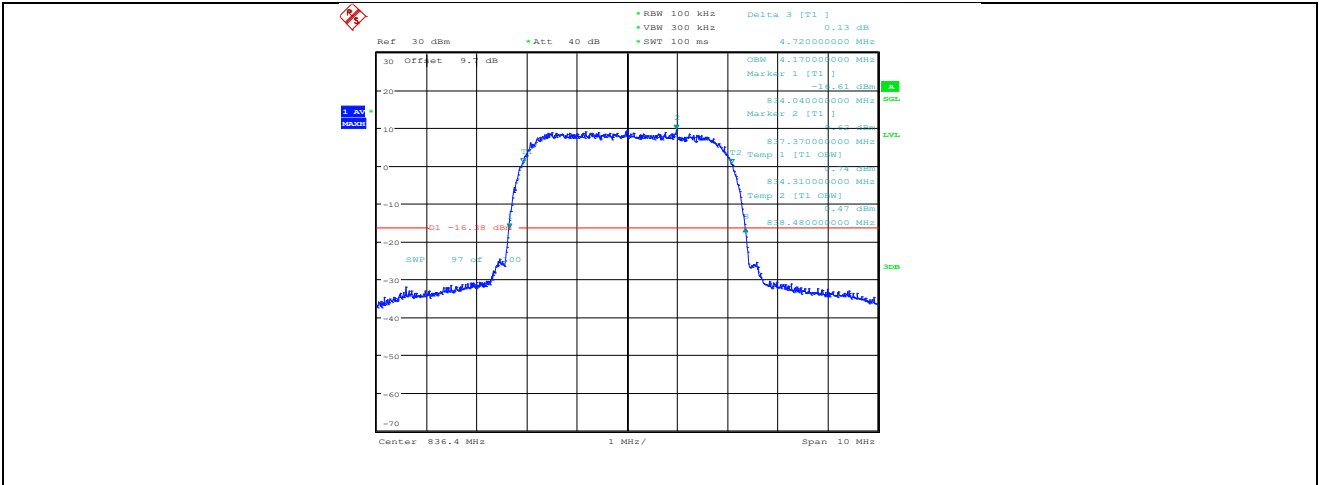
Band5-4182-3



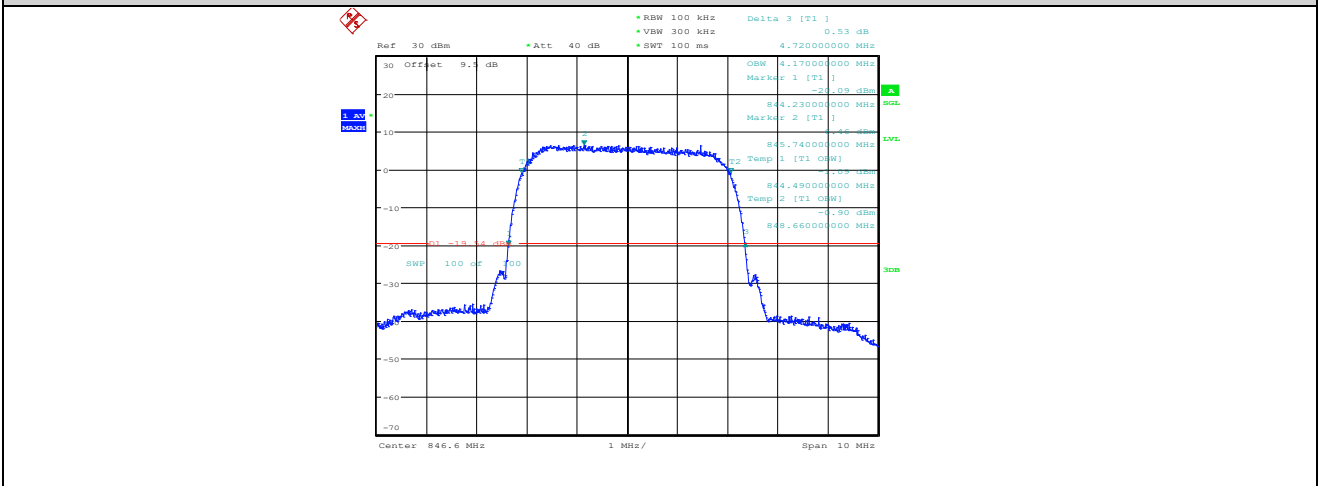
Band5-4182-4



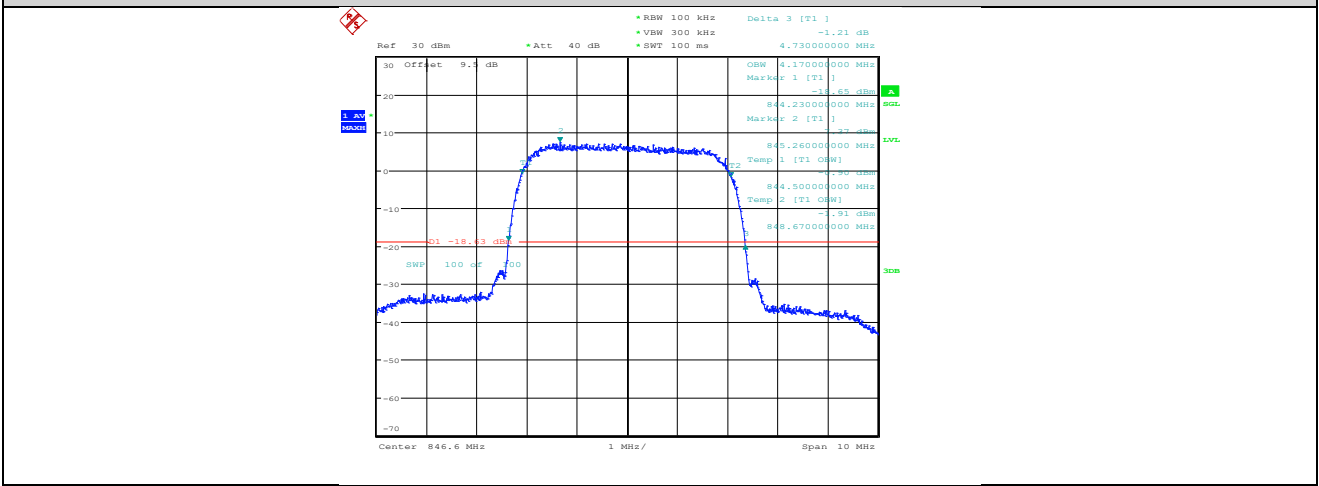
Band5-4182-5



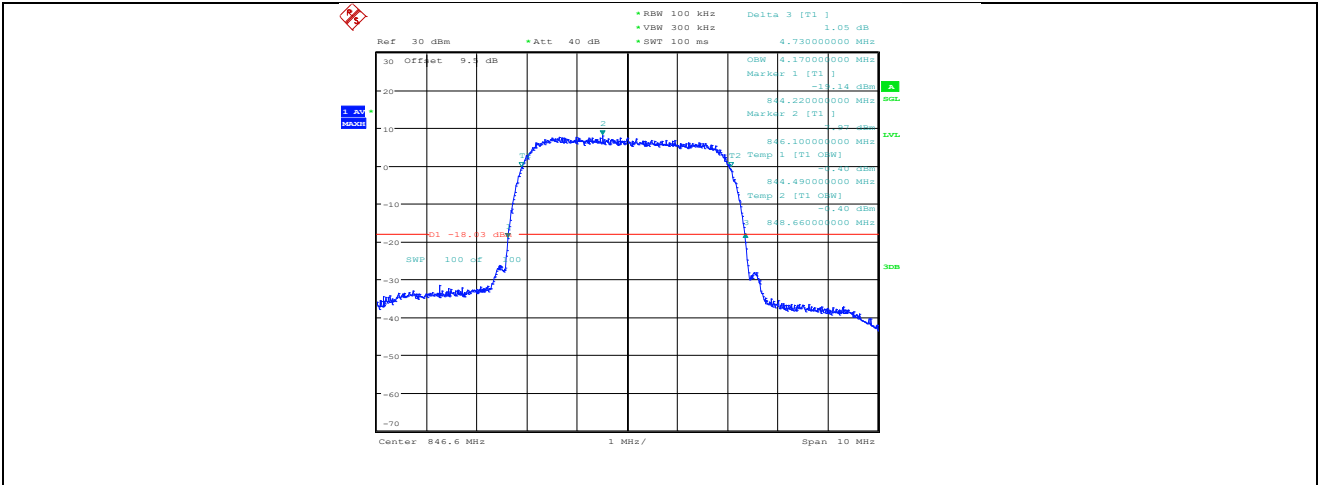
Band5-4233-1



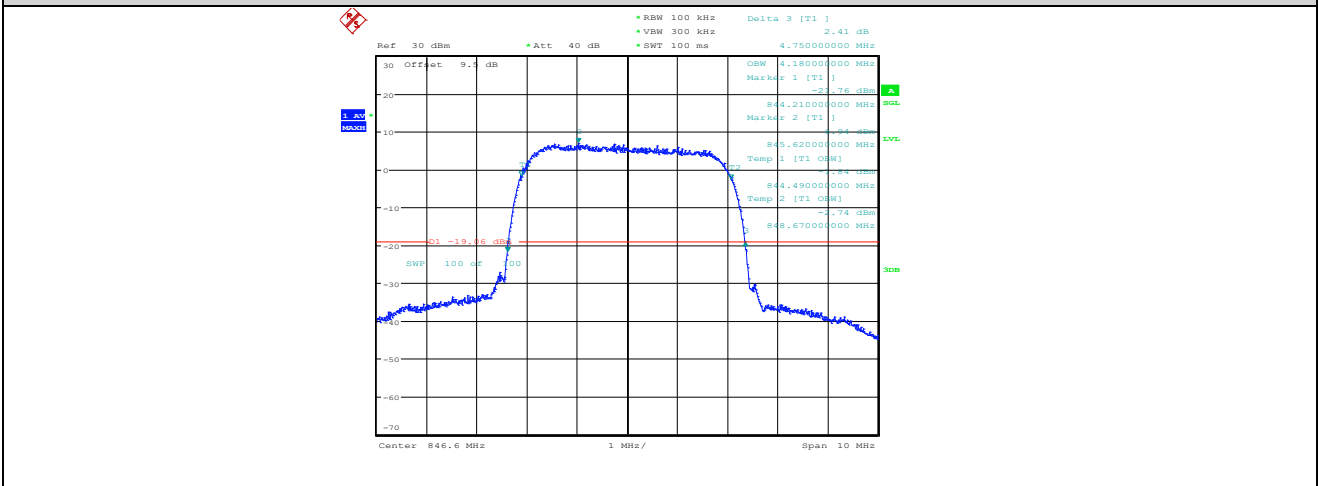
Band5-4233-2



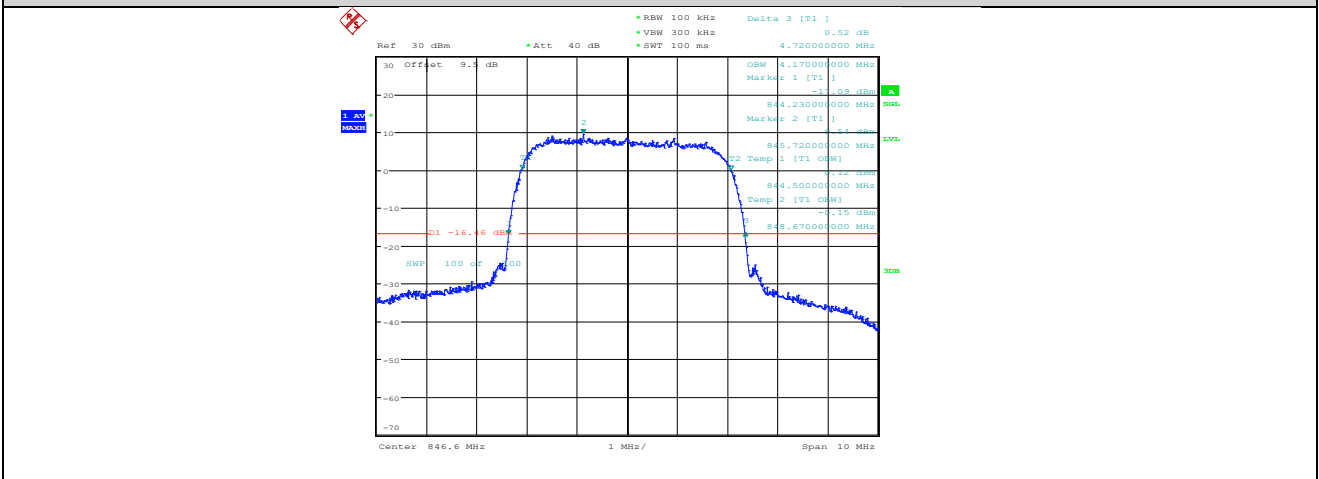
Band5-4233-3



Band5-4233-4



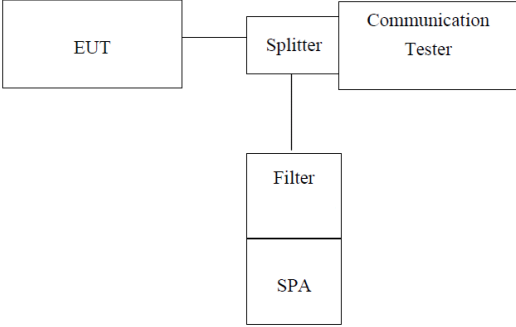
Band5-4233-5



4.6 MODULATION CHARACTERISTIC

According to FCC § 2.1047(d), Part 22H & 24E there is no specific requirement for digital modulation, therefore modulation characteristic is not presented.

4.7 Out of band emission at antenna terminals

Test Requirement:	FCC part22.917(a) and FCC part24.238(a)
Test Method:	FCC part2.1051
Limit:	-13dBm
Test setup:	 <p style="text-align: center;"><i>Note: Measurement setup for testing on Antenna connector</i></p>
Test Procedure:	<ol style="list-style-type: none"> 1 The RF output of the transceiver was connected to a spectrum analyzer through appropriate attenuation. 2 The resolution bandwidth of the spectrum analyzer was set at 1MHz, sufficient scans were taken to show the out of band Emissions if any up to 10th harmonic. 3 For the out of band: Set the RBW, VBW = 1MHz, Start=30MHz, Stop= 10th harmonic. 4 Band Edge Requirements: In the 1 MHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least 1 percent of the emission bandwidth of the fundamental emission of the transmitter may be employed to measure the out of band Emissions.
Test Instruments:	Refer to section 5.0 for details
Test mode:	Refer to section 6.1 for details
Test results:	Pass

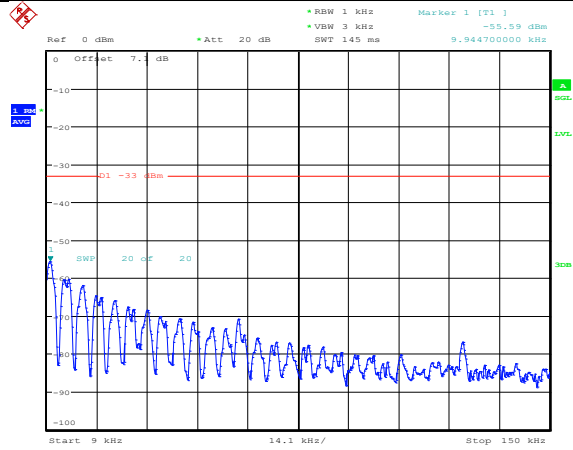
Test plot as follows:

Note: During the conducted spurious emission test, a band filter was used. The information of the filter is reported at section 6.0 (refer to item 24, 25).

Band	Channel	PCL	Frequency Range(MHz)	Max.Freq. (MHz)	Result (dBm)	Limit (dBm)	Verdict
GSM850	128	5	0.009~0.15MHz	0.01	-55.59	-33	PASS
GSM850	128	5	0.15~30MHz	0.19	-58.32	-13	PASS
GSM850	128	5	30~1000MHz	423.43	-49.37	-13	PASS
GSM850	128	5	1000~10000MHz	1648.3	-28.19	-13	PASS
GSM850	190	5	0.009~0.15MHz	0.01	-59.3	-33	PASS
GSM850	190	5	0.15~30MHz	0.2	-58.05	-13	PASS
GSM850	190	5	30~1000MHz	115.52	-49.73	-13	PASS
GSM850	190	5	1000~10000MHz	1673.2	-33.47	-13	PASS
GSM850	251	5	0.009~0.15MHz	0.01	-60.6	-33	PASS
GSM850	251	5	0.15~30MHz	0.2	-57.99	-13	PASS
GSM850	251	5	30~1000MHz	273.66	-49.5	-13	PASS
GSM850	251	5	1000~10000MHz	1697.5	-32.57	-13	PASS
GPRS850	128	5	0.009~0.15MHz	0.06	-74.43	-33	PASS
GPRS850	128	5	0.15~30MHz	0.19	-56.79	-13	PASS
GPRS850	128	5	30~1000MHz	346.83	-49.62	-13	PASS
GPRS850	128	5	1000~10000MHz	3171.1	-44.94	-13	PASS
GPRS850	190	5	0.009~0.15MHz	0.06	-74.81	-33	PASS
GPRS850	190	5	0.15~30MHz	0.2	-58.26	-13	PASS
GPRS850	190	5	30~1000MHz	189.34	-49.72	-13	PASS
GPRS850	190	5	1000~10000MHz	3180.1	-46.57	-13	PASS
GPRS850	251	5	0.009~0.15MHz	0.06	-74.81	-33	PASS
GPRS850	251	5	0.15~30MHz	0.19	-58.53	-13	PASS
GPRS850	251	5	30~1000MHz	308.65	-49.5	-13	PASS
GPRS850	251	5	1000~10000MHz	3197.5	-46.47	-13	PASS
EGPRS850	128	8	0.009~0.15MHz	0.06	-74.97	-33	PASS
EGPRS850	128	8	0.15~30MHz	0.18	-57.97	-13	PASS
EGPRS850	128	8	30~1000MHz	60.81	-49.4	-13	PASS
EGPRS850	128	8	1000~10000MHz	3170.8	-45.19	-13	PASS
EGPRS850	190	8	0.009~0.15MHz	0.06	-75.09	-33	PASS
EGPRS850	190	8	0.15~30MHz	0.25	-60.46	-13	PASS
EGPRS850	190	8	30~1000MHz	137.61	-49.25	-13	PASS
EGPRS850	190	8	1000~10000MHz	3184.6	-44.36	-13	PASS
EGPRS850	251	8	0.009~0.15MHz	0.04	-75.56	-33	PASS
EGPRS850	251	8	0.15~30MHz	0.19	-57.86	-13	PASS
EGPRS850	251	8	30~1000MHz	376.13	-49.4	-13	PASS
EGPRS850	251	8	1000~10000MHz	3145.3	-45.51	-13	PASS
GSM1900	512	0	0.009~0.15MHz	0.04	-74.99	-43	PASS

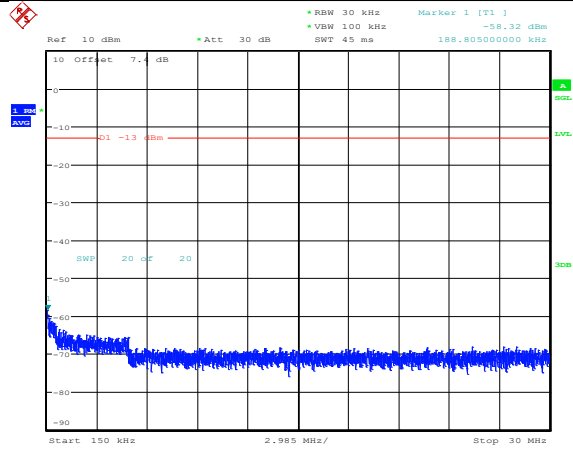
GSM1900	512	0	0.15~30MHz	0.19	-59.89	-23	PASS
GSM1900	512	0	30~1000MHz	449.59	-49.11	-13	PASS
GSM1900	512	0	1000~18000MHz	3191.3	-46.98	-13	PASS
GSM1900	661	0	0.009~0.15MHz	0.07	-73.45	-43	PASS
GSM1900	661	0	0.15~30MHz	0.18	-58.49	-23	PASS
GSM1900	661	0	30~1000MHz	933.65	-48.9	-13	PASS
GSM1900	661	0	1000~18000MHz	3170.33	-46.41	-13	PASS
GSM1900	810	0	0.009~0.15MHz	0.04	-76.24	-43	PASS
GSM1900	810	0	0.15~30MHz	0.2	-57.27	-23	PASS
GSM1900	810	0	30~1000MHz	238.91	-49.05	-13	PASS
GSM1900	810	0	1000~18000MHz	3569.83	-47.2	-13	PASS
GPRS1900	512	0	0.009~0.15MHz	0.07	-72.86	-43	PASS
GPRS1900	512	0	0.15~30MHz	0.18	-58.34	-23	PASS
GPRS1900	512	0	30~1000MHz	469.83	-49.06	-13	PASS
GPRS1900	512	0	1000~18000MHz	3183.93	-46.07	-13	PASS
GPRS1900	661	0	0.009~0.15MHz	0.07	-73.45	-43	PASS
GPRS1900	661	0	0.15~30MHz	0.19	-58.16	-23	PASS
GPRS1900	661	0	30~1000MHz	975.17	-48.83	-13	PASS
GPRS1900	661	0	1000~18000MHz	3189.6	-46.14	-13	PASS
GPRS1900	810	0	0.009~0.15MHz	0.07	-73.81	-43	PASS
GPRS1900	810	0	0.15~30MHz	0.18	-57.91	-23	PASS
GPRS1900	810	0	30~1000MHz	190.34	-49.11	-13	PASS
GPRS1900	810	0	1000~18000MHz	3191.87	-46.96	-13	PASS
EGPRS1900	512	2	0.009~0.15MHz	0.07	-74.42	-43	PASS
EGPRS1900	512	2	0.15~30MHz	0.19	-56.65	-23	PASS
EGPRS1900	512	2	30~1000MHz	363.23	-49.26	-13	PASS
EGPRS1900	512	2	1000~18000MHz	3165.8	-47.26	-13	PASS
EGPRS1900	661	2	0.009~0.15MHz	0.07	-74.29	-43	PASS
EGPRS1900	661	2	0.15~30MHz	0.19	-57.74	-23	PASS
EGPRS1900	661	2	30~1000MHz	240.1	-49.02	-13	PASS
EGPRS1900	661	2	1000~18000MHz	3187.9	-46.99	-13	PASS
EGPRS1900	810	2	0.009~0.15MHz	0.07	-74.58	-43	PASS
EGPRS1900	810	2	0.15~30MHz	0.2	-59.85	-23	PASS
EGPRS1900	810	2	30~1000MHz	960.81	-48.92	-13	PASS
EGPRS1900	810	2	1000~18000MHz	3187.9	-46.21	-13	PASS

@FCC_GSM_Spurious_emissions_at_antenna_terminals_IMG@GSM850-128-0.009~0.15MHz



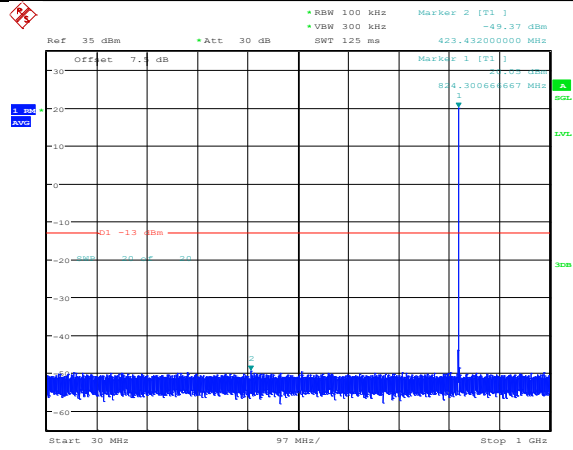
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@FCC_GSM_Spurious_emissions_at_antenna_terminals_IMG@GSM850-128-0.15~30MHz



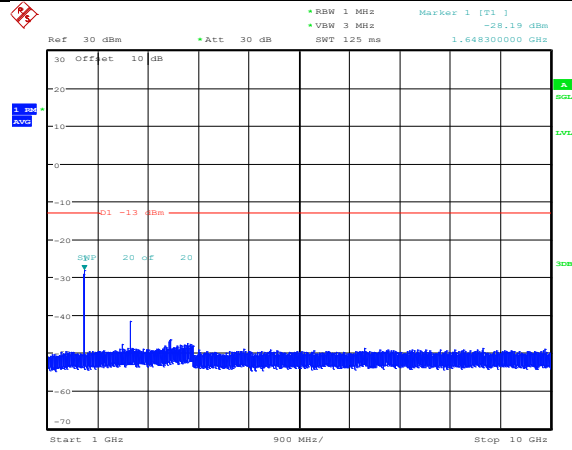
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@FCC_GSM_Spurious_emissions_at_antenna_terminals_IMG@GSM850-128-30~1000MHz



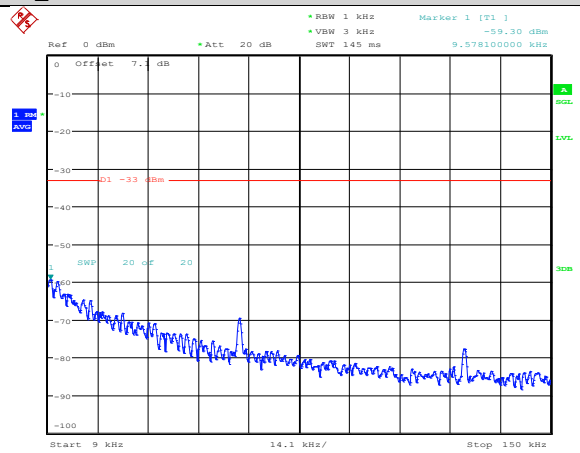
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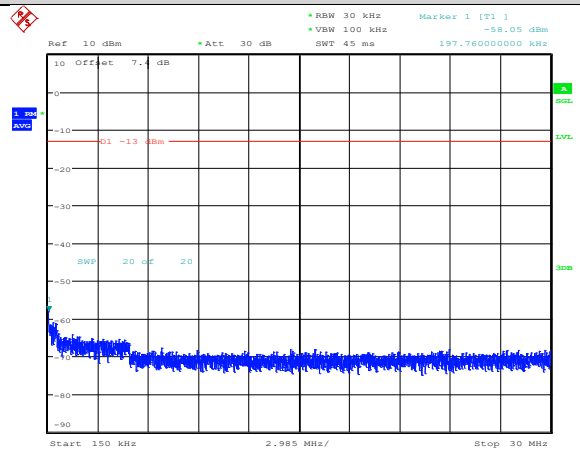
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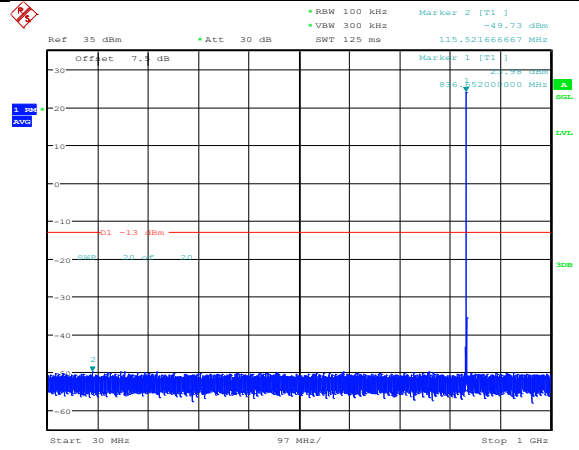
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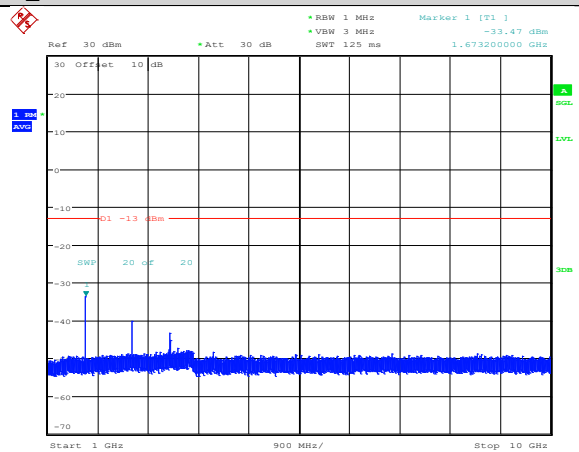
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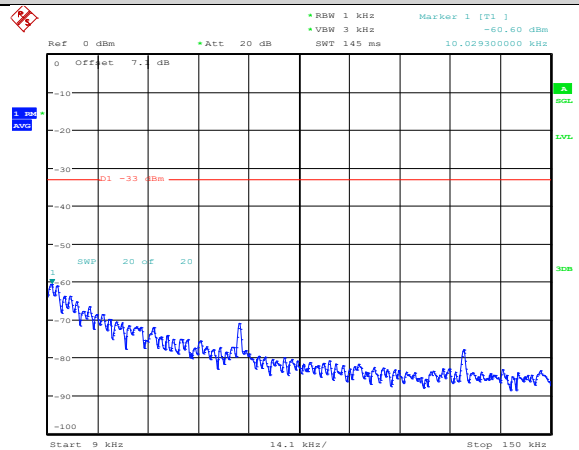
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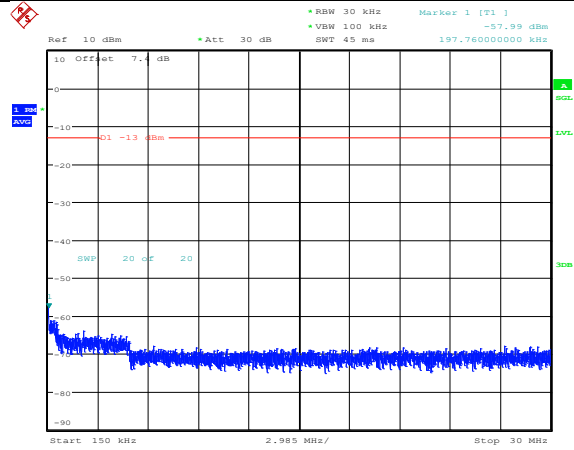
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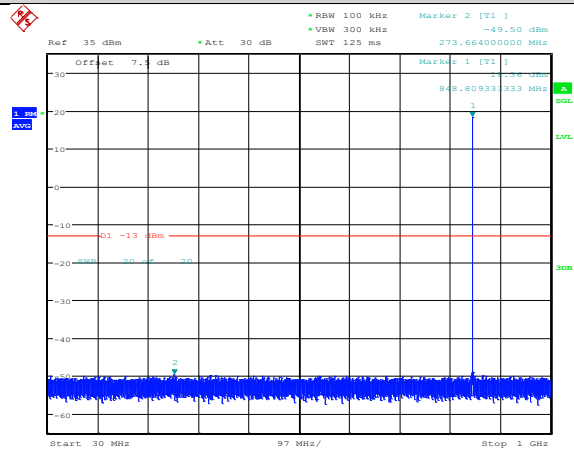
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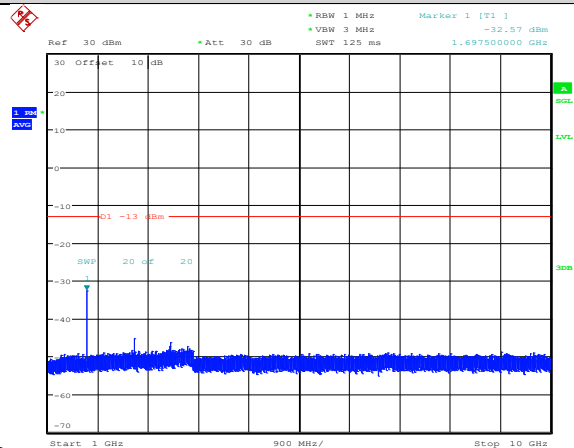
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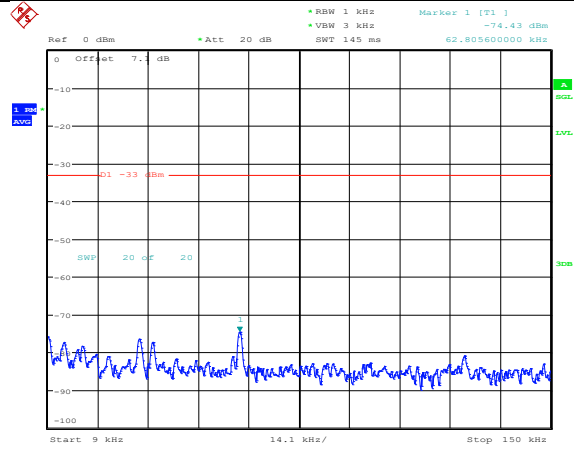
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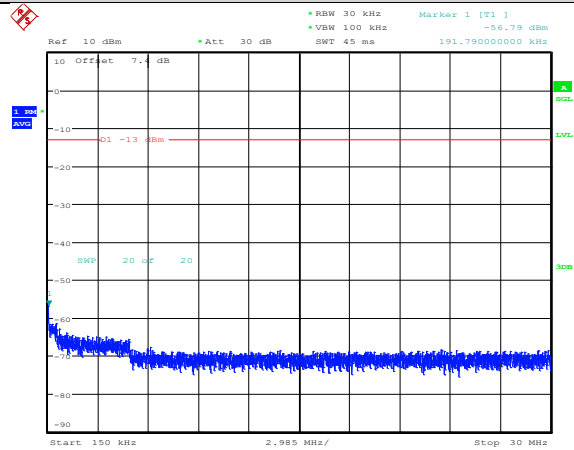
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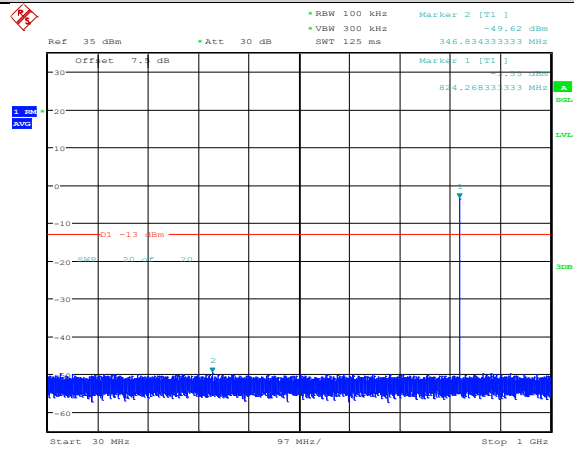
@FCC_GSM_Spurious_emissions_at_antenna_terminals_IMG@

@FCC_GSM_Spurious_emissions_at_antenna_terminals_IMG@GPRS850-128-0.15~30MHz



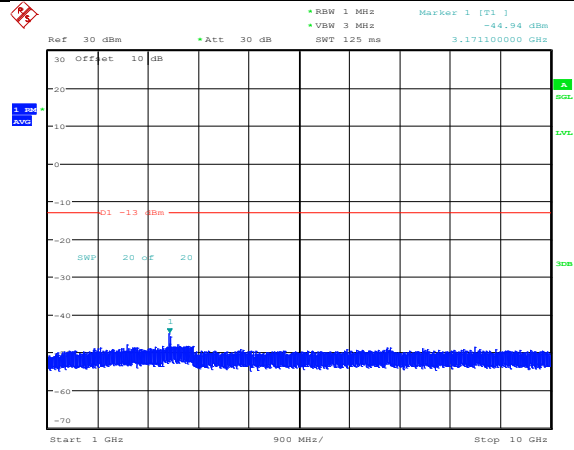
@FCC_GSM_Spurious_emissions_at_antenna_terminals_IMG@

@FCC_GSM_Spurious_emissions_at_antenna_terminals_IMG@GPRS850-128-30~1000MHz



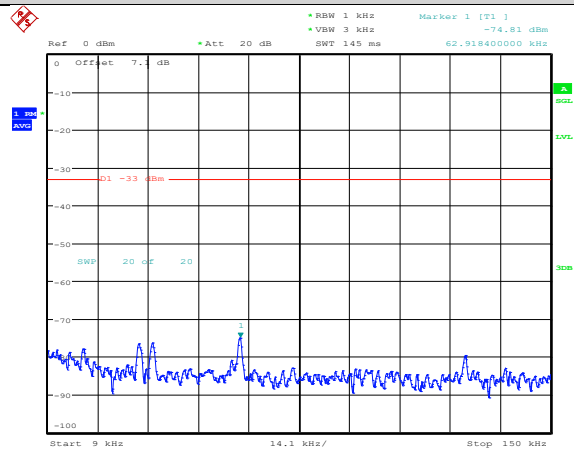
@FCC_GSM_Spurious_emissions_at_antenna_terminals_IMG@

@FCC_GSM_Spurious_emissions_at_antenna_terminals_IMG@GPRS850-128-1000~10000MHz



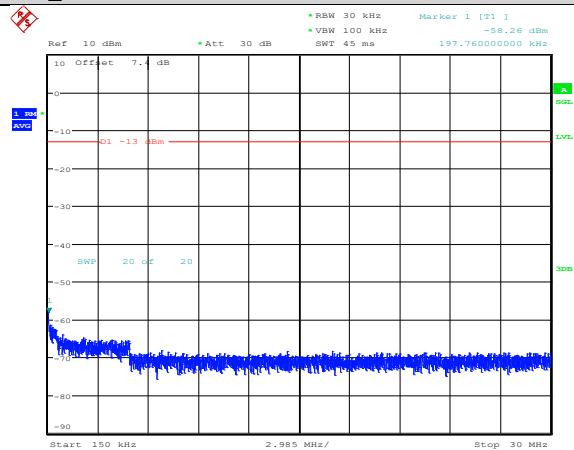
@FCC_GSM_Spurious_emissions_at_antenna_terminals_IMG@

@FCC_GSM_Spurious_emissions_at_antenna_terminals_IMG@GPRS850-190-0.009~0.15MHz



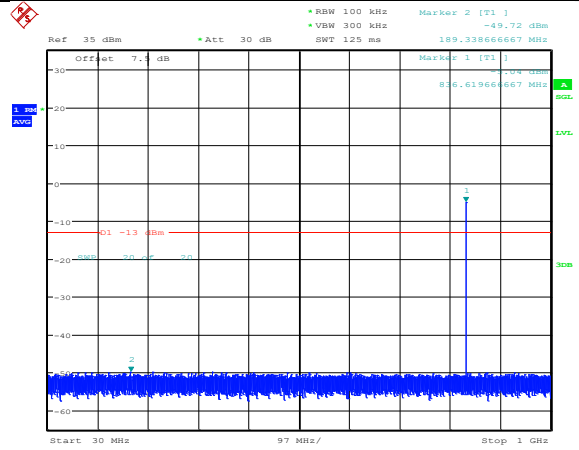
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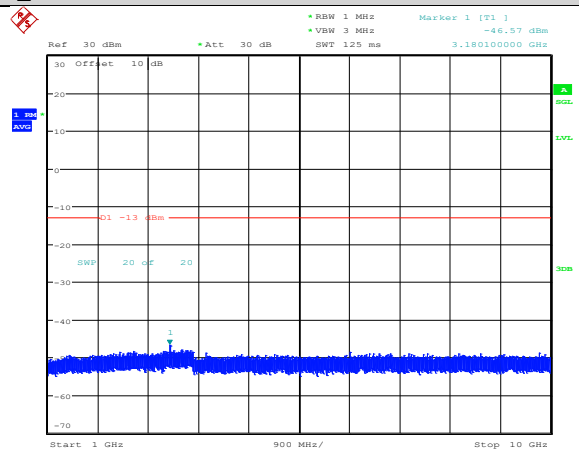
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@FCC_GSM_Spurious_emissions_at_antenna_terminals_IMG@GPRS850-190-30~1000MHz



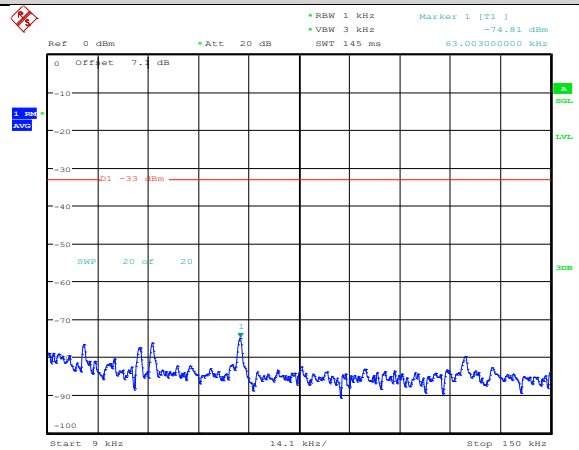
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@FCC_GSM_Spurious_emissions_at_antenna_terminals_IMG@GPRS850-190-1000~10000MHz



@FCC_GSM_Spurious_emissions_at_antenna_terminals_IMG@

@FCC_GSM_Spurious_emissions_at_antenna_terminals_IMG@GPRS850-251-0.009~0.15MHz



@FCC_GSM_Spurious_emissions_at_antenna_terminals_IMG@

@FCC_GSM_Spurious_emissions_at_antenna_terminals_IMG@GPRS850-251-0.15~30MHz