



FCC RF Test Report

APPLICANT : Xiaomi Communications Co., Ltd.
EQUIPMENT : Mobile Phone
BRAND NAME : Redmi
MODEL NAME : 2201117TG
FCC ID : 2AFZZ117TG
STANDARD : 47 CFR Part 2, 22(H), 24(E), 27(L)
CLASSIFICATION : PCS Licensed Transmitter Held to Ear (PCE)
TEST DATE(S) : Nov. 06, 2021 ~ Nov. 08, 2021

We, Sporton International (Kunshan) Inc., would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.26-2015 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International (Kunshan) Inc., the test report shall not be reproduced except in full.

Jason Jia

Reviewed by: Jason Jia / Supervisor

Alex Wang

Approved by: Alex Wang / Manager



Sporton International (Kunshan) Inc.

No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300
People's Republic of China



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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FG1O2302A	Rev. 01	Initial issue of report	Nov. 23, 2021

SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.4	§2.1046	Conducted Output Power	-	Report Only	-
	§22.913(a)(5)	Effective Radiated Power	< 7 Watts	PASS	-
	§24.232(c)	Equivalent Isotropic Radiated Power	< 2 Watts	PASS	-
	§27.50(d)(4)	Equivalent Isotropic Radiated Power	< 1 Watts	PASS	-
3.5	§24.232(d)	Peak-to-Average Ratio	< 13 dB	PASS	-
3.6	§2.1049	Occupied Bandwidth	Reporting Only	PASS	-
3.7	§2.1051 §22.917(a) §24.238(a) §27.53(h)	Band Edge Measurement	< 43+10log10(P[Watts])	PASS	-
3.8	§2.1051 §22.917(a) §24.238(a) §27.53(h)	Conducted Emission	< 43+10log10(P[Watts])	PASS	-
3.9	§2.1055 §22.355	Frequency Stability for Temperature & Voltage	< 2.5 ppm for Part 22H	PASS	-
	§2.1055 §24.235 §27.54		Within Authorized Band		
4.4	§2.1053; §22.917(a); §24.238(a); §27.53(h)	Field Strength of Spurious Radiation	< 43+10log10(P[Watts])	PASS	Under limit 6.11 dB at 2510.000 MHz

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.



1 General Description

1.1 Applicant

Xiaomi Communications Co., Ltd.

#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085

1.2 Manufacturer

Xiaomi Communications Co., Ltd.

#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	Mobile Phone
Brand Name	Redmi
Model Name	2201117TG
FCC ID	2AFZZ117TG
IMEI Code	Radiation: 861312050047601/861312050047619 Conducted: 861312050047585/861312050047593
HW Version	P1.1
SW Version	MIUI12.5
EUT Stage	Identical Prototype

Remark: The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

1.4 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx Frequency	GSM/GPRS/EDGE: 850: 824 MHz ~ 849 MHz 1900: 1850MHz ~ 1910MHz WCDMA: Band V: 824 MHz ~ 849 MHz Band II: 1850 MHz ~ 1910 MHz Band IV: 1710 MHz ~ 1755 MHz
Rx Frequency	GSM/GPRS/EDGE: 850: 869 MHz ~ 894 MHz 1900: 1930 MHz ~ 1990 MHz WCDMA: Band V: 869 MHz ~ 894 MHz Band II: 1930 MHz ~ 1990 MHz Band IV: 2110 MHz ~ 2155 MHz
Maximum Output Power to Antenna	Bottom Antenna: GSM/GPRS/EDGE: 850: 32.21 dBm 1900: 29.36 dBm WCDMA: Band V: 24.53 dBm Band II: 24.18 dBm Band IV: 24.08 dBm Top Antenna: GSM/GPRS/EDGE: 850: 32.82 dBm 1900: 30.20 dBm WCDMA: Band V: 24.13 dBm Band II: 23.87 dBm Band IV: 24.17 dBm
Antenna Type	PIFA Antenna
Antenna Gain	Bottom Antenna: Cellular Band: -3.36 dBi PCS Band: -2.4 dBi AWS Band: -1.0 dBi Top Antenna: Cellular Band: -3.45 dBi PCS Band: -0.9 dBi AWS Band: -1.1 dBi
Type of Modulation	GSM: GMSK GPRS: GMSK EDGE: GMSK / 8PSK WCDMA : BPSK HSDPA/DC-HSDPA : QPSK



	HSUPA : QPSK HSPA+ : 16QAM (uplink is not supported) DC-HSDPA : 64QAM
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1.5 Modification of EUT

No modifications are made to the EUT during all test items.

1.6 Maximum ERP/EIRP Power, and Emission Designator

FCC Rule	Frequency Band	Frequency Range (MHz)	Type of Modulation	Maximum ERP/EIRP (W)	Emission Designator
Part 22H	GSM850 (GSM)	824.2 ~ 848.8	GMSK	0.5272	244KGXW
Part 22H	GSM850 (EDGE)	824.2 ~ 848.8	8PSK	0.1265	242KG7W
Part 22H	WCDMA Band V	826.4 ~ 846.6	BPSK	0.0798	4M13F9W
Part 24E	GSM1900 (GSM)	1850.2 ~ 1909.8	GMSK	0.8511	242KGXW
Part 24E	GSM1900 (EDGE)	1850.2 ~ 1909.8	8PSK	0.3170	246KG7W
Part 24E	WCDMA Band II	1852.4 ~ 1907.6	BPSK	0.1982	4M15F9W
Part 27L	WCDMA Band IV	1712.4 ~ 1752.6	BPSK	0.2032	4M13F9W

Note: The ERP/EIRP is calculated from Output power and antenna gain, so the maximum ERP/EIRP is shown in the report, GSM850/1900/WCDMA Band II for Top Antenna, WCDMA Band V/IV for Bottom Antenna.

1.7 Testing Location

Sporton International (Kunshan) Inc. is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.02.

Test Firm	Sporton International (Kunshan) Inc.		
Test Site Location	No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300 People's Republic of China TEL : +86-512-57900158 FAX : +86-512-57900958		
Test Site No.	Sporton Site No.	FCC Designation No.	FCC Test Firm Registration No.
	03CH04-KS TH01-KS	CN1257	314309

1.8 Test Software

Item	Site	Manufacturer	Name	Version
1.	03CH04-KS	AUDIX	E3	6.2009-8-24a

1.9 Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ 47 CFR Part 2, 22(H), 24(E), 27(L)
- ♦ ANSI C63.26-2015
- ♦ FCC KDB 971168 D01 Power Meas. License Digital Systems v03r01
- ♦ FCC KDB 412172 D01 Determining ERP and EIRP v01r01

Remark:

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.



2 Test Configuration of Equipment Under Test

2.1 Test Mode

Antenna port conducted and radiated test items were performed according to KDB 971168 D01 Power Meas. License Digital Systems v03r01 with maximum output power.

Radiated measurements were performed with rotating EUT in different three orthogonal test planes to find the maximum emission.

Radiated emissions were investigated as following frequency range:

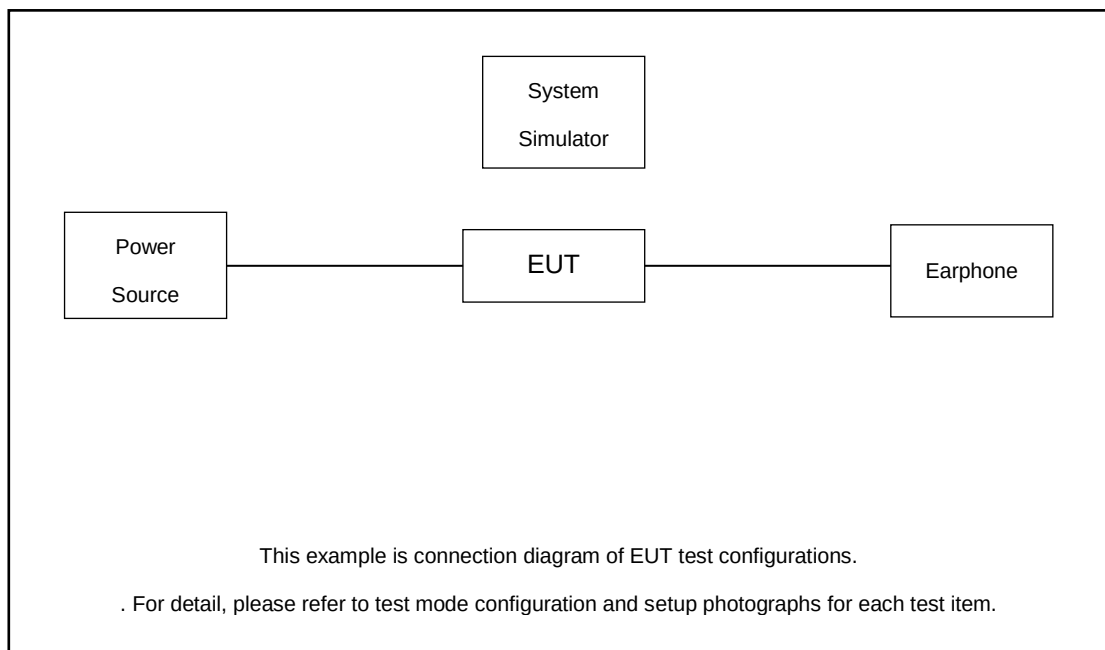
1. 30 MHz to 10th for GSM850 and WCDMA Band V.
2. 30 MHz to 10th for WCDMA Band IV.
3. 30 MHz to 10th for GSM1900 and WCDMA Band II.

All modes and data rates and positions were investigated.

Test modes are chosen to be reported as the worst case configuration below:

Test Modes		
Band	Radiated TCs	Conducted TCs
GSM 850	■ GSM Link ■ EDGE class 8 Link	■ GSM Link ■ EDGE class 8 Link
GSM 1900	■ GSM Link ■ EDGE class 8 Link	■ GSM Link ■ EDGE class 8 Link
WCDMA Band V	■ RMC 12.2Kbps Link	■ RMC 12.2Kbps Link
WCDMA Band II	■ RMC 12.2Kbps Link	■ RMC 12.2Kbps Link
WCDMA Band IV	■ RMC 12.2Kbps Link	■ RMC 12.2Kbps Link

2.2 Connection Diagram of Test System



The EUT has been configuration operated in a manner tended to maximize its emission characteristics in a typical application.

2.3 Support Unit used in test configuration

Item	Equipment	Trade Name	Model No.	FCC ID	Data Cable	Power Cord
1.	System Simulator	R&S	CMU 200	N/A	N/A	Unshielded, 1.8 m
2.	Earphone	MI	EM023	N/A	N/A	N/A

2.4 Measurement Results Explanation Example

For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuator factor between RF conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level will be exactly the RF output level.

The spectrum analyzer offset is derived from RF cable loss and attenuator factor.

Offset = RF cable loss + attenuator factor.

The following shows an offset computation example with RF cable loss 4.6 dB and a 10dB attenuator.

Example :

$$\begin{aligned} \text{Offset(dB)} &= \text{RF cable loss(dB)} + \text{attenuator factor(dB)}. \\ &= 4.6 + 10 = 14.6 \text{ (dB)} \end{aligned}$$

2.5 Frequency List of Low/Middle/High Channels

Frequency List				
Band	Channel/Frequency(MHz)	Lowest	Middle	Highest
GSM850	Channel	128	189	251
	Frequency	824.2	836.4	848.8
WCDMA Band V	Channel	4132	4182	4233
	Frequency	826.4	836.4	846.6
GSM1900	Channel	512	661	810
	Frequency	1850.2	1880.0	1909.8
WCDMA Band II	Channel	9262	9400	9538
	Frequency	1852.4	1880.0	1907.6
WCDMA Band IV	Channel	1312	1413	1513
	Frequency	1712.4	1732.6	1752.6

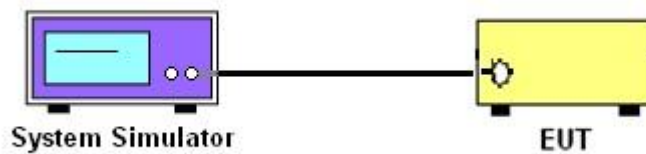
3 Conducted Test Result

3.1 Measuring Instruments

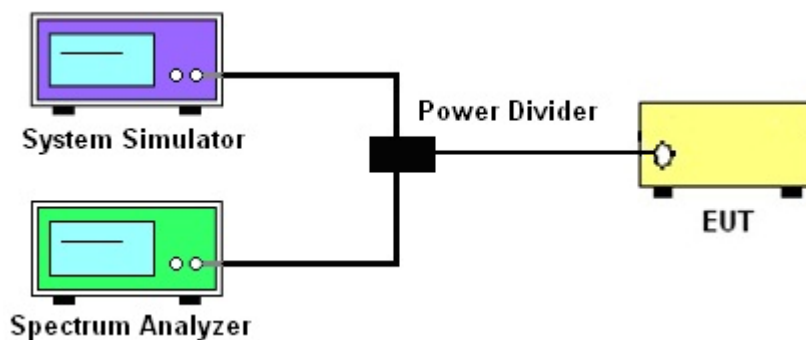
See list of measuring instruments of this test report.

3.2 Test Setup

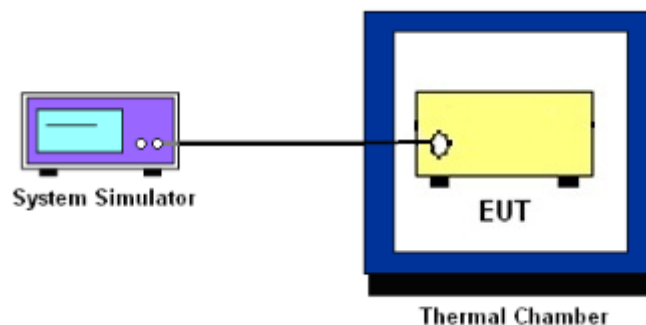
3.2.1 Conducted Output Power



3.2.2 Peak-to-Average Ratio, Occupied Bandwidth, Conducted Band-Edge and Conducted Spurious Emission



3.2.3 Frequency Stability



3.3 Test Result of Conducted Test

Please refer to Appendix A.

3.4 Conducted Output Power and ERP/EIRP

3.4.1 Description of the Conducted Output Power and ERP/EIRP

A system simulator was used to establish communication with the EUT. Its parameters were set to enforce EUT transmitting at the maximum power. The measured power in the radio frequency on the transmitter output terminals shall be reported.

The ERP of mobile transmitters must not exceed 7 Watts for GSM850 and WCDMA Band V.

The EIRP of mobile transmitters must not exceed 2 Watts for GSM1900 and WCDMA Band II.

The EIRP of mobile transmitters must not exceed 1 Watts for WCDMA Band IV.

According to KDB 412172 D01 Power Approach,

$EIRP = P_T + G_T - L_C$, $ERP = EIRP - 2.15$, where

P_T = transmitter output power in dBm

G_T = gain of the transmitting antenna in dBi

L_C = signal attenuation in the connecting cable between the transmitter and antenna in dB

3.4.2 Test Procedures

1. The testing follows ANSI C63.26 Section 5.2
2. The transmitter output port was connected to the system simulator.
3. Set EUT at maximum power through the system simulator.
4. Select lowest, middle, and highest channels for each band and different modulation.
5. Measure and record the power level from the system simulator.



3.5 Peak-to-Average Ratio

3.5.1 Description of the PAR Measurement

The peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.

3.5.2 Test Procedures

1. The testing follows ANSI C63.26 Section 5.2.3.4 (CCDF).
2. The EUT was connected to spectrum and system simulator via a power divider.
3. Set the CCDF (Complementary Cumulative Distribution Function) option in spectrum analyzer.
4. The highest RF powers were measured and recorded the maximum PAPR level associated with a probability of 0.1 %.
5. Record the deviation as Peak to Average Ratio.

3.6 99% Occupied Bandwidth and 26dB Bandwidth Measurement

3.6.1 Description of 99% Occupied Bandwidth and 26dB Bandwidth Measurement

The occupied bandwidth is the width of a frequency band such that, below the lower and above the upper frequency limits, the mean powers emitted are each equal to a specified percentage 0.5% of the total mean transmitted power.

The 26 dB emission bandwidth is defined as the frequency range between two points, one above and one below the carrier frequency, at which the spectral density of the emission is attenuated 26 dB below the maximum in-band spectral density of the modulated signal. Spectral density (power per unit bandwidth) is to be measured with a detector of resolution bandwidth equal to approximately 1.0% of the emission bandwidth.

3.6.2 Test Procedures

1. The testing follows ANSI C63.26 Section 5.4
2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
3. The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The span range for the spectrum analyzer shall be between two and five times the anticipated OBW.
4. The nominal resolution bandwidth (RBW) shall be in the range of 1 to 5 % of the anticipated OBW, and the VBW shall be at least 3 times the RBW.
5. Set the detection mode to peak, and the trace mode to max hold.
6. Determine the reference value: Set the EUT to transmit a modulated signal. Allow the trace to stabilize. Set the spectrum analyzer marker to the highest level of the displayed trace.
(this is the reference value)
7. Determine the “-26 dB down amplitude” as equal to (Reference Value – X).
8. Place two markers, one at the lowest and the other at the highest frequency of the envelope of the spectral display such that each marker is at or slightly below the “-X dB down amplitude” determined in step 6. If a marker is below this “-X dB down amplitude” value it shall be placed as close as possible to this value. The OBW is the positive frequency difference between the two markers.
9. Use the 99 % power bandwidth function of the spectrum analyzer and report the measured bandwidth.



3.7 Conducted Band Edge

3.7.1 Description of Conducted Band Edge Measurement

The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least $43 + 10 \log (P)$ dB.

3.7.2 Test Procedures

1. The testing follows ANSI C63.26 section 5.7
2. The EUT was connected to the spectrum analyzer and system simulator via a power divider.
3. The RF output of EUT was connected to the spectrum analyzer by an RF cable and attenuator.
The path loss was compensated to the results for each measurement.
4. The band edges of low and high channels for the highest RF powers were measured.
5. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
6. The limit line is derived from $43 + 10\log(P)$ dB below the transmitter power P(Watts)

3.8 Conducted Spurious Emission

3.8.1 Description of Conducted Spurious Emission Measurement

The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least $43 + 10 \log (P)$ dB.

It is measured by means of a calibrated spectrum analyzer and scanned from 30 MHz up to a frequency including its 10th harmonic.

3.8.2 Test Procedures

1. The testing follows ANSI C63.26 section 5.7
2. The EUT was connected to the spectrum analyzer and system simulator via a power divider.
3. The RF output of EUT was connected to the spectrum analyzer by an RF cable and attenuator. The path loss was compensated to the results for each measurement.
4. The middle channel for the highest RF power within the transmitting frequency was measured.
5. The conducted spurious emission for the whole frequency range was taken.
6. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
7. The limit line is derived from $43 + 10\log(P)$ dB below the transmitter power P(Watts)

3.9 Frequency Stability

3.9.1 Description of Frequency Stability Measurement

The frequency stability shall be measured by variation of ambient temperature and variation of primary supply voltage to ensure that the fundamental emission stays within the authorized frequency block. The frequency stability of the transmitter shall be maintained within $\pm 0.00025\%$ ($\pm 2.5\text{ppm}$) of the center frequency.

3.9.2 Test Procedures for Temperature Variation

1. The testing follows ANSI C63.26 section 5.6.4
2. The EUT was set up in the thermal chamber and connected with the system simulator.
3. With power OFF, the temperature was decreased to -30°C and the EUT was stabilized before testing. Power was applied and the maximum change in frequency was recorded within one minute.
4. With power OFF, the temperature was raised in 10°C step up to 50°C . The EUT was stabilized at each step for at least half an hour. Power was applied and the maximum frequency change was recorded within one minute.

3.9.3 Test Procedures for Voltage Variation

1. The testing follows ANSI C63.26 section 5.6.5
2. The EUT was placed in a temperature chamber at $20\pm 5^{\circ}\text{C}$ and connected with the system simulator.
3. The power supply voltage to the EUT was varied from 85% to 115% of the nominal value for other than hand carried battery equipment.
4. For hand carried, battery powered equipment, reduce the primary ac or dc supply voltage to the battery operating end point, which shall be specified by the manufacturer.
5. The variation in frequency was measured for the worst case.

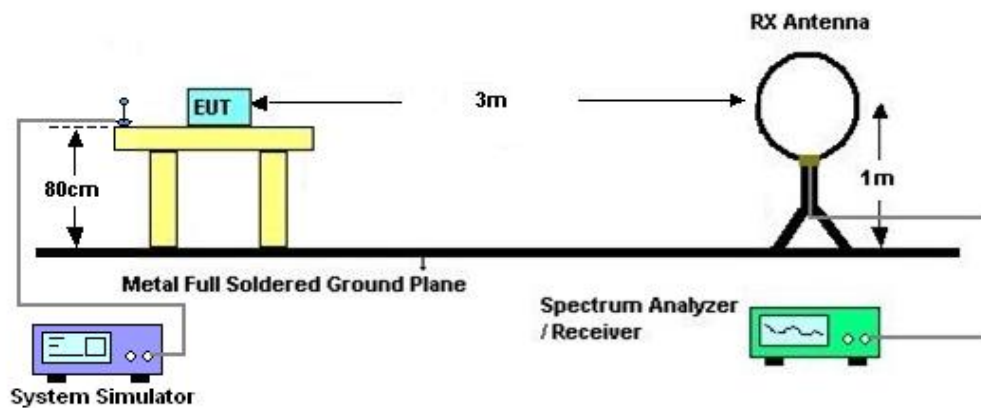
4 Radiated Test Items

4.1 Measuring Instruments

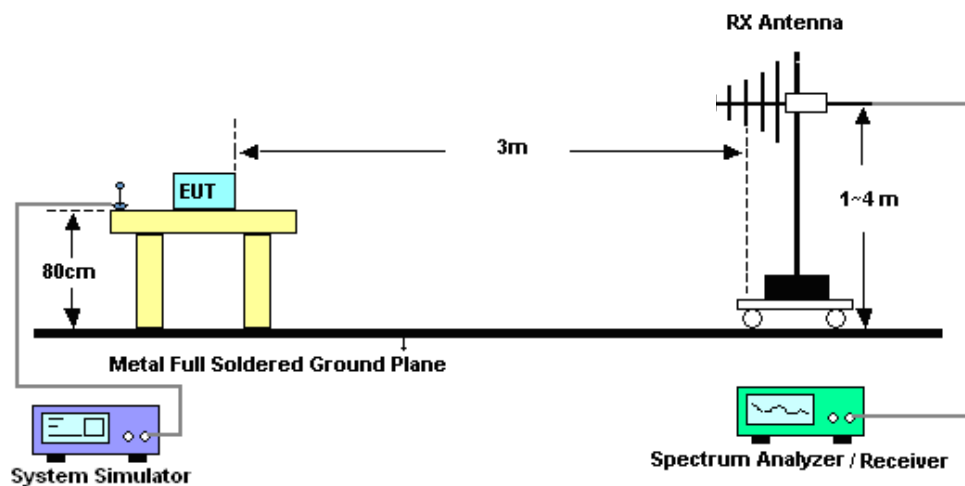
See list of measuring instruments of this test report.

4.2 Test Setup

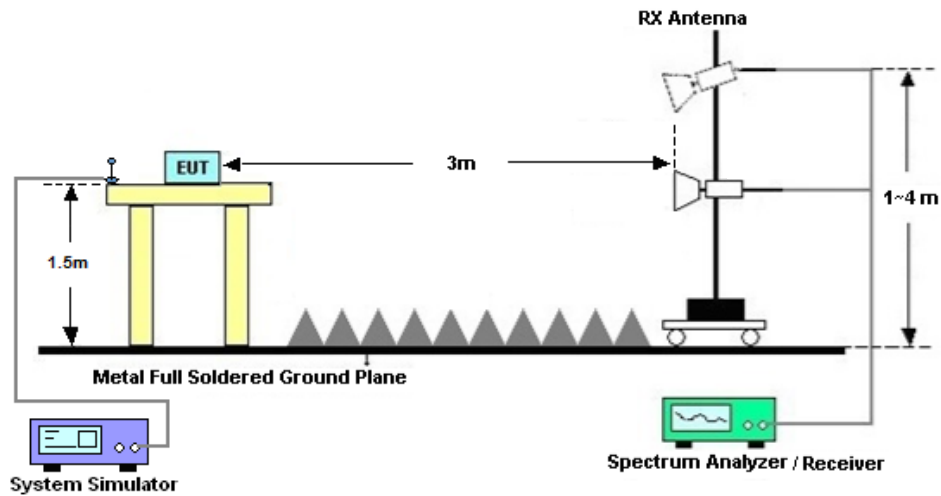
4.2.1 For radiated test below 30MHz



4.2.2 For radiated test from 30MHz to 1GHz



4.2.3 For radiated test above 1GHz



4.3 Test Result of Radiated Test

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.

Please refer to Appendix B.

4.4 Field Strength of Spurious Radiation Measurement

4.4.1 Description of Field Strength of Spurious Radiated Measurement

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least $43 + 10 \log (P)$ dB. The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic.

4.4.2 Test Procedures

1. The testing follows ANSI C63.26 Section 5.5
2. The EUT was placed on a rotatable wooden table 0.8 meters for frequency below 1GHz and 1.5 meter for frequency above 1GHz above the ground.
3. The EUT was set 3 meters from the receiving antenna, which was mounted on the antenna tower.
4. The table was rotated 360 degrees to determine the position of the highest spurious emission.
5. The height of the receiving antenna is varied between one meter and four meters to search for the maximum spurious emission for both horizontal and vertical polarizations.
6. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking record of maximum spurious emission.
7. A horn antenna was substituted in place of the EUT and was driven by a signal generator.
8. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
9. Taking the record of output power at antenna port.
10. Repeat step 7 to step 8 for another polarization.
11. $EIRP \text{ (dBm)} = S.G. \text{ Power} - Tx \text{ Cable Loss} + Tx \text{ Antenna Gain}$
12. $ERP \text{ (dBm)} = EIRP - 2.15$
13. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
14. The limit line is derived from $43 + 10\log(P)$ dB below the transmitter power P(Watts)



5 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Spectrum Analyzer	R&S	FSV40	101040	10Hz~40GHz	Oct. 14, 2021	Nov. 06, 2021	Oct. 13, 2022	Conducted (TH01-KS)
Power divider	STI	STI08-0055	-	0.5~40GHz	Aug. 26, 2021	Nov. 06, 2021	Aug. 25, 2022	Conducted (TH01-KS)
Temperature & humidity chamber	Hongzhan	LP-150U	H2014011440	-40~+150°C 20%~95%RH	Jul. 12, 2021	Nov. 06, 2021	Jul. 11, 2022	Conducted (TH01-KS)
EXA Spectrum Analyzer	Keysight	N9010A	MY55150244	10Hz~44G,MAX 30dB	Apr. 13, 2021	Nov. 08, 2021	Apr. 12, 2022	Radiation (03CH04-KS)
Loop Antenna	R&S	HFH2-Z2	100321	9kHz~30MHz	Oct. 30, 2021	Nov. 08, 2021	Oct. 29, 2022	Radiation (03CH04-KS)
Bilog Antenna	TeseQ	CBL6111D	49922	30MHz~1GHz	May 30, 2021	Nov. 08, 2021	May 29, 2022	Radiation (03CH04-KS)
Horn Antenna	Schwarzbeck	BBHA9120D	1356	1GHz~18GHz	Apr. 18, 2021	Nov. 08, 2021	Apr. 17, 2022	Radiation (03CH04-KS)
SHF-EHF Horn	Com-power	AH-840	101070	18GHz~40GHz	Jan. 06, 2021	Nov. 08, 2021	Jan. 05, 2022	Radiation (03CH04-KS)
Amplifier	SONOMA	310N	187289	9KHz~1GHz	Jan. 06, 2021	Nov. 08, 2021	Jan. 05, 2022	Radiation (03CH04-KS)
Amplifier	MITEQ	EM18G40G GA	060728	18~40GHz	Jan. 07, 2021	Nov. 08, 2021	Jan. 06, 2022	Radiation (03CH04-KS)
high gain Amplifier	MITEQ	AMF-7D-00 101800-30-1 0P	2025788	1Ghz~18Ghz	Jan. 06, 2021	Nov. 08, 2021	Jan. 05, 2022	Radiation (03CH04-KS)
Amplifier	Keysight	83017A	MY57280106	500MHz~26.5GHz	Oct. 13, 2021	Nov. 08, 2021	Oct. 12, 2022	Radiation (03CH04-KS)
AC Power Source	Chroma	61601	F104090004	N/A	NCR	Nov. 08, 2021	NCR	Radiation (03CH04-KS)
Turn Table	ChamPro	EM 1000-T	060762-T	0~360 degree	NCR	Nov. 08, 2021	NCR	Radiation (03CH04-KS)
Antenna Mast	ChamPro	EM 1000-A	060762-A	1 m~4 m	NCR	Nov. 08, 2021	NCR	Radiation (03CH04-KS)

NCR: No Calibration Required



6 Uncertainty of Evaluation

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI 63.26-2015. All the measurement uncertainty value were shown with a coverage K=2 to indicate 95% level of confidence. The measurement data show herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and can be compared directly to specified limit to determine compliance.

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.3dB
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Uncertainty of Radiated Emission Measurement (1 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	2.8dB
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----- THE END -----



Appendix A. Test Results of Conducted Test

Test Engineer :	Kib Shi	Temperature :	21~24°C
		Relative Humidity :	45~51%

Conducted Output Power(Average power) and ERP/EIRP

For Bottom Antenna:

GSM850	Burst Average Power (dBm)			ERP(W)		
TX Channel	128	189	251			
Frequency (MHz)	824.2	836.4	848.8	L	M	H
GSM 1 Tx slot	31.97	32.21	32.18	0.4426	0.4677	0.4645
GPRS 1 Tx slot	31.93	32.16	32.12	0.4385	0.4624	0.4581
GPRS 2 Tx slots	28.83	29.05	28.59	0.2148	0.2259	0.2032
GPRS 3 Tx slots	26.97	27.23	27.01	0.1400	0.1486	0.1413
GPRS 4 Tx slots	25.72	25.93	25.87	0.1050	0.1102	0.1086
EDGE 1 Tx slot	26.17	26.22	26.05	0.1164	0.1178	0.1132
EDGE 2 Tx slots	23.58	23.59	23.41	0.0641	0.0643	0.0617
EDGE 3 Tx slots	21.84	21.88	21.81	0.0430	0.0434	0.0427
EDGE 4 Tx slots	20.72	20.82	20.66	0.0332	0.0340	0.0327
GSM1900	Burst Average Power (dBm)			EIRP(W)		
TX Channel	512	661	810			
Frequency (MHz)	1850.2	1880	1909.8	L	M	H
GSM 1 Tx slot	28.93	28.91	29.36	0.4498	0.4477	0.4966
GPRS 1 Tx slot	28.89	29.32	28.86	0.4457	0.4920	0.4426
GPRS 2 Tx slots	25.23	25.30	25.45	0.1919	0.1950	0.2018
GPRS 3 Tx slots	23.34	23.30	23.76	0.1242	0.1230	0.1368
GPRS 4 Tx slots	22.18	22.28	22.62	0.0951	0.0973	0.1052
EDGE 1 Tx slot	25.13	25.14	25.34	0.1875	0.1879	0.1968
EDGE 2 Tx slots	22.52	22.50	22.72	0.1028	0.1023	0.1076
EDGE 3 Tx slots	21.37	21.40	21.59	0.0789	0.0794	0.0830
EDGE 4 Tx slots	19.55	19.66	19.63	0.0519	0.0532	0.0528



Band		WCDMA V			ERP(W)		
TX Channel		4132	4182	4233			
Rx Channel		4357	4407	4458			
Frequency (MHz)		826.4	836.4	846.6	L	M	H
3GPP Rel 99	AMR 12.2Kbps	24.48	24.51	24.42	0.0789	0.0794	0.0778
3GPP Rel 99	RMC 12.2Kbps	24.51	24.53	24.45	0.0794	0.0798	0.0783
3GPP Rel 6	HSDPA Subtest-1	23.39	23.33	23.37	0.0614	0.0605	0.0611
3GPP Rel 6	HSDPA Subtest-2	23.35	23.35	23.35	0.0608	0.0608	0.0608
3GPP Rel 6	HSDPA Subtest-3	22.86	22.81	22.86	0.0543	0.0537	0.0543
3GPP Rel 6	HSDPA Subtest-4	22.85	22.86	22.88	0.0542	0.0543	0.0546
3GPP Rel 8	DC-HSDPA Subtest-1	23.41	23.22	23.35	0.0617	0.0590	0.0608
3GPP Rel 8	DC-HSDPA Subtest-2	23.36	23.36	23.25	0.0610	0.0610	0.0594
3GPP Rel 8	DC-HSDPA Subtest-3	22.80	22.82	22.83	0.0536	0.0538	0.0540
3GPP Rel 8	DC-HSDPA Subtest-4	22.93	22.94	22.79	0.0552	0.0553	0.0535
3GPP Rel 6	HSUPA Subtest-1	22.92	22.94	22.96	0.0551	0.0553	0.0556
3GPP Rel 6	HSUPA Subtest-2	21.26	21.19	21.28	0.0376	0.0370	0.0378
3GPP Rel 6	HSUPA Subtest-3	22.27	22.21	22.27	0.0474	0.0468	0.0474
3GPP Rel 6	HSUPA Subtest-4	21.28	21.27	21.28	0.0378	0.0377	0.0378
3GPP Rel 6	HSUPA Subtest-5	22.90	22.91	22.93	0.0548	0.0550	0.0552



Band		WCDMA IV			EIRP(W)		
TX Channel		1312	1413	1513			
Rx Channel		1537	1638	1738			
Frequency (MHz)		1712.4	1732.6	1752.6	L	M	H
3GPP Rel 99	AMR 12.2Kbps	24.02	24.03	23.98	0.2004	0.2009	0.1986
3GPP Rel 99	RMC 12.2Kbps	24.07	24.08	24.05	0.2028	0.2032	0.2018
3GPP Rel 6	HSDPA Subtest-1	22.75	22.73	22.63	0.1496	0.1489	0.1455
3GPP Rel 6	HSDPA Subtest-2	22.74	22.73	22.64	0.1493	0.1489	0.1459
3GPP Rel 6	HSDPA Subtest-3	22.27	22.18	22.15	0.1340	0.1312	0.1303
3GPP Rel 6	HSDPA Subtest-4	22.29	22.21	22.15	0.1346	0.1321	0.1303
3GPP Rel 8	DC-HSDPA Subtest-1	23.02	22.79	22.86	0.1592	0.1510	0.1535
3GPP Rel 8	DC-HSDPA Subtest-2	22.94	22.82	22.77	0.1563	0.1521	0.1503
3GPP Rel 8	DC-HSDPA Subtest-3	22.42	22.42	22.26	0.1387	0.1387	0.1337
3GPP Rel 8	DC-HSDPA Subtest-4	22.56	22.27	22.44	0.1432	0.1340	0.1393
3GPP Rel 6	HSUPA Subtest-1	21.45	21.39	21.50	0.1109	0.1094	0.1122
3GPP Rel 6	HSUPA Subtest-2	21.29	21.19	21.33	0.1069	0.1045	0.1079
3GPP Rel 6	HSUPA Subtest-3	21.41	21.35	21.53	0.1099	0.1084	0.1130
3GPP Rel 6	HSUPA Subtest-4	21.29	21.54	21.35	0.1069	0.1132	0.1084
3GPP Rel 6	HSUPA Subtest-5	21.55	21.44	21.56	0.1135	0.1107	0.1138



Band		WCDMA II			EIRP(W)		
TX Channel		9262	9400	9538			
Rx Channel		9662	9800	9938			
Frequency (MHz)		1852.4	1880	1907.6	L	M	H
3GPP Rel 99	AMR 12.2Kbps	24.11	24.15	24.08	0.1483	0.1496	0.1472
3GPP Rel 99	RMC 12.2Kbps	24.13	24.18	24.15	0.1489	0.1507	0.1496
3GPP Rel 6	HSDPA Subtest-1	23.10	22.95	22.95	0.1175	0.1135	0.1135
3GPP Rel 6	HSDPA Subtest-2	23.09	22.92	22.93	0.1172	0.1127	0.1130
3GPP Rel 6	HSDPA Subtest-3	22.58	22.46	22.44	0.1042	0.1014	0.1009
3GPP Rel 6	HSDPA Subtest-4	22.55	22.46	22.45	0.1035	0.1014	0.1012
3GPP Rel 8	DC-HSDPA Subtest-1	23.07	22.87	22.99	0.1167	0.1114	0.1146
3GPP Rel 8	DC-HSDPA Subtest-2	23.00	22.94	23.04	0.1148	0.1132	0.1159
3GPP Rel 8	DC-HSDPA Subtest-3	22.60	22.89	22.77	0.1047	0.1119	0.1089
3GPP Rel 8	DC-HSDPA Subtest-4	22.57	22.55	22.36	0.1040	0.1035	0.0991
3GPP Rel 6	HSUPA Subtest-1	21.44	21.49	21.53	0.0802	0.0811	0.0818
3GPP Rel 6	HSUPA Subtest-2	21.31	21.23	21.33	0.0778	0.0764	0.0782
3GPP Rel 6	HSUPA Subtest-3	21.52	21.34	21.62	0.0817	0.0783	0.0836
3GPP Rel 6	HSUPA Subtest-4	21.36	21.54	21.39	0.0787	0.0820	0.0793
3GPP Rel 6	HSUPA Subtest-5	21.59	21.49	21.55	0.0830	0.0811	0.0822

**For Top Antenna:**

GSM850	Burst Average Power (dBm)			ERP(W)		
TX Channel	128	189	251			
Frequency (MHz)	824.2	836.4	848.8	L	M	H
GSM 1 Tx slot	32.59	32.73	32.82	0.5000	0.5164	0.5272
GPRS 1 Tx slot	32.67	32.75	32.74	0.5093	0.5188	0.5176
GPRS 2 Tx slots	28.94	29.00	29.06	0.2158	0.2188	0.2218
GPRS 3 Tx slots	27.18	27.11	27.10	0.1439	0.1416	0.1413
GPRS 4 Tx slots	25.70	25.83	25.82	0.1023	0.1054	0.1052
EDGE 1 Tx slot	26.62	26.59	26.57	0.1265	0.1256	0.1250
EDGE 2 Tx slots	23.95	23.92	23.91	0.0684	0.0679	0.0678
EDGE 3 Tx slots	22.07	22.06	22.21	0.0444	0.0443	0.0458
EDGE 4 Tx slots	20.82	20.95	21.02	0.0333	0.0343	0.0348
GSM1900	Burst Average Power (dBm)			EIRP(W)		
TX Channel	512	661	810			
Frequency (MHz)	1850.2	1880	1909.8	L	M	H
GSM 1 Tx slot	29.84	30.20	30.16	0.7834	0.8511	0.8433
GPRS 1 Tx slot	29.81	30.13	30.18	0.7780	0.8375	0.8472
GPRS 2 Tx slots	25.94	26.13	26.10	0.3192	0.3334	0.3311
GPRS 3 Tx slots	24.05	24.15	24.26	0.2065	0.2113	0.2168
GPRS 4 Tx slots	22.93	23.11	23.23	0.1596	0.1664	0.1710
EDGE 1 Tx slot	25.73	25.86	25.91	0.3041	0.3133	0.3170
EDGE 2 Tx slots	23.13	23.28	23.40	0.1671	0.1730	0.1778
EDGE 3 Tx slots	21.92	21.97	21.96	0.1265	0.1279	0.1276
EDGE 4 Tx slots	20.14	20.28	20.37	0.0839	0.0867	0.0885



Band		WCDMA V			ERP(W)		
TX Channel		4132	4182	4233			
Rx Channel		4357	4407	4458			
Frequency (MHz)		826.4	836.4	846.6	L	M	H
3GPP Rel 99	AMR 12.2Kbps	23.95	24.12	24.08	0.0684	0.0711	0.0705
3GPP Rel 99	RMC 12.2Kbps	23.97	24.13	24.10	0.0687	0.0713	0.0708
3GPP Rel 6	HSDPA Subtest-1	23.14	23.28	23.27	0.0568	0.0586	0.0585
3GPP Rel 6	HSDPA Subtest-2	23.12	23.31	23.20	0.0565	0.0590	0.0575
3GPP Rel 6	HSDPA Subtest-3	22.62	22.81	22.72	0.0504	0.0526	0.0515
3GPP Rel 6	HSDPA Subtest-4	22.59	22.80	22.74	0.0500	0.0525	0.0518
3GPP Rel 8	DC-HSDPA Subtest-1	23.11	23.40	23.37	0.0564	0.0603	0.0598
3GPP Rel 8	DC-HSDPA Subtest-2	23.20	23.26	23.30	0.0575	0.0583	0.0589
3GPP Rel 8	DC-HSDPA Subtest-3	22.73	22.90	22.61	0.0516	0.0537	0.0502
3GPP Rel 8	DC-HSDPA Subtest-4	22.48	22.73	22.71	0.0488	0.0516	0.0514
3GPP Rel 6	HSUPA Subtest-1	21.15	21.26	21.34	0.0359	0.0368	0.0375
3GPP Rel 6	HSUPA Subtest-2	21.27	21.16	21.16	0.0369	0.0360	0.0360
3GPP Rel 6	HSUPA Subtest-3	21.49	21.36	21.31	0.0388	0.0377	0.0372
3GPP Rel 6	HSUPA Subtest-4	21.27	21.20	21.17	0.0369	0.0363	0.0361
3GPP Rel 6	HSUPA Subtest-5	21.17	21.16	21.29	0.0361	0.0360	0.0371



Band		WCDMA IV			EIRP(W)		
TX Channel		1312	1413	1513			
Rx Channel		1537	1638	1738			
Frequency (MHz)		1712.4	1732.6	1752.6	L	M	H
3GPP Rel 99	AMR 12.2Kbps	24.08	24.16	24.07	0.1986	0.2023	0.1982
3GPP Rel 99	RMC 12.2Kbps	24.10	24.17	24.09	0.1995	0.2028	0.1991
3GPP Rel 6	HSDPA Subtest-1	23.15	23.07	23.06	0.1603	0.1574	0.1570
3GPP Rel 6	HSDPA Subtest-2	23.16	23.05	23.05	0.1607	0.1567	0.1567
3GPP Rel 6	HSDPA Subtest-3	22.83	22.79	22.83	0.1489	0.1476	0.1489
3GPP Rel 6	HSDPA Subtest-4	22.89	22.75	22.94	0.1510	0.1462	0.1528
3GPP Rel 8	DC-HSDPA Subtest-1	23.22	23.09	23.01	0.1629	0.1581	0.1552
3GPP Rel 8	DC-HSDPA Subtest-2	23.14	23.04	23.11	0.1600	0.1563	0.1589
3GPP Rel 8	DC-HSDPA Subtest-3	22.57	22.58	22.68	0.1403	0.1406	0.1439
3GPP Rel 8	DC-HSDPA Subtest-4	22.76	22.48	22.54	0.1466	0.1374	0.1393
3GPP Rel 6	HSUPA Subtest-1	21.34	21.37	21.38	0.1057	0.1064	0.1067
3GPP Rel 6	HSUPA Subtest-2	21.13	21.08	21.10	0.1007	0.0995	0.1000
3GPP Rel 6	HSUPA Subtest-3	21.62	21.56	21.34	0.1127	0.1112	0.1057
3GPP Rel 6	HSUPA Subtest-4	21.26	21.33	21.38	0.1038	0.1054	0.1067
3GPP Rel 6	HSUPA Subtest-5	21.29	21.25	21.19	0.1045	0.1035	0.1021



Band		WCDMA II			EIRP(W)		
TX Channel		9262	9400	9538			
Rx Channel		9662	9800	9938			
Frequency (MHz)		1852.4	1880	1907.6	L	M	H
3GPP Rel 99	AMR 12.2Kbps	23.81	23.85	23.77	0.1954	0.1972	0.1936
3GPP Rel 99	RMC 12.2Kbps	23.86	23.87	23.80	0.1977	0.1982	0.1950
3GPP Rel 6	HSDPA Subtest-1	22.83	22.72	22.52	0.1560	0.1521	0.1452
3GPP Rel 6	HSDPA Subtest-2	22.84	22.68	22.53	0.1563	0.1507	0.1455
3GPP Rel 6	HSDPA Subtest-3	22.29	22.24	22.21	0.1377	0.1361	0.1352
3GPP Rel 6	HSDPA Subtest-4	22.33	22.16	22.21	0.1390	0.1337	0.1352
3GPP Rel 8	DC-HSDPA Subtest-1	22.84	22.71	22.56	0.1563	0.1517	0.1466
3GPP Rel 8	DC-HSDPA Subtest-2	22.82	22.57	22.62	0.1556	0.1469	0.1486
3GPP Rel 8	DC-HSDPA Subtest-3	22.25	22.14	22.08	0.1365	0.1330	0.1312
3GPP Rel 8	DC-HSDPA Subtest-4	22.29	22.23	22.07	0.1377	0.1358	0.1309
3GPP Rel 6	HSUPA Subtest-1	21.33	21.27	21.24	0.1104	0.1089	0.1081
3GPP Rel 6	HSUPA Subtest-2	21.37	21.22	21.25	0.1114	0.1076	0.1084
3GPP Rel 6	HSUPA Subtest-3	21.81	21.73	21.49	0.1233	0.1211	0.1146
3GPP Rel 6	HSUPA Subtest-4	21.37	21.24	21.31	0.1114	0.1081	0.1099
3GPP Rel 6	HSUPA Subtest-5	21.30	21.19	21.17	0.1096	0.1069	0.1064



GSM

Peak-to-Average Ratio

Mode	GSM850		Limit: 13dB
Mod.	GSM	EDGE class 8	Result
Lowest CH	0.20	3.16	PASS
Middle CH	0.23	3.33	
Highest CH	0.20	3.19	

Mode	GSM1900		Limit: 13dB
Mod.	GSM	EDGE class 8	Result
Lowest CH	0.17	3.13	PASS
Middle CH	0.14	3.28	
Highest CH	0.14	3.54	



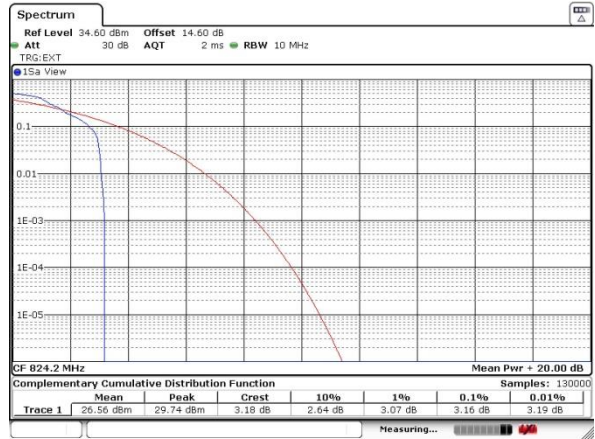
GSM850 (GSM)

Lowest Channel



GSM850 (EDGE class 8)

Lowest Channel



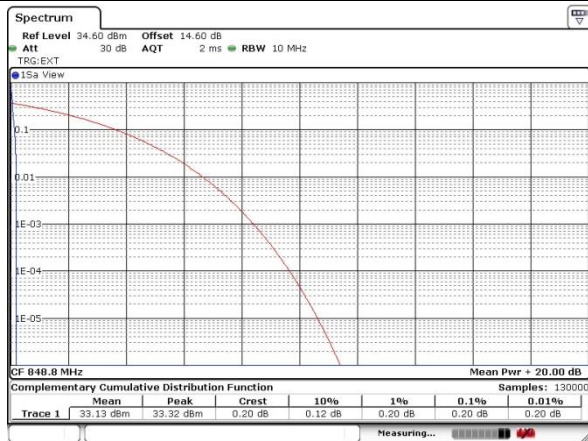
Middle Channel



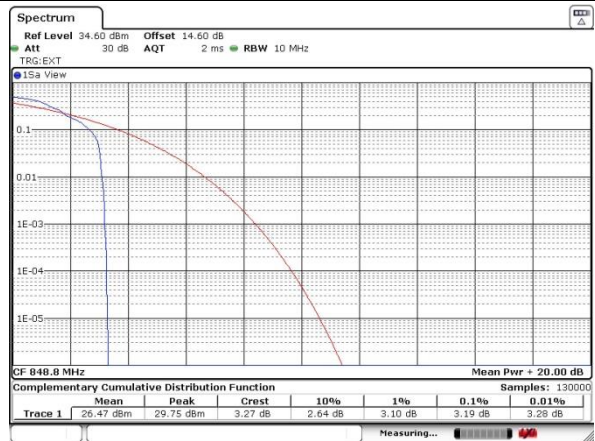
Middle Channel



Highest Channel



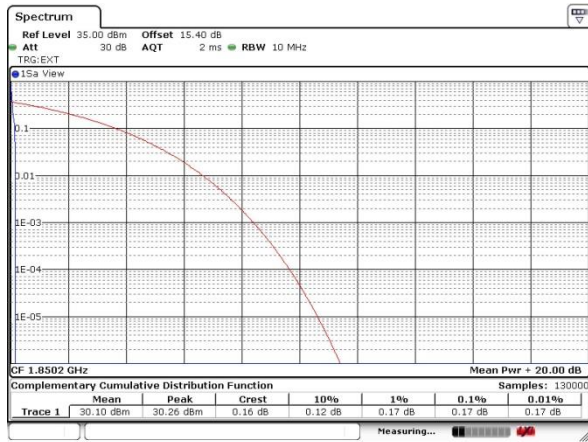
Highest Channel





GSM1900 (GSM)

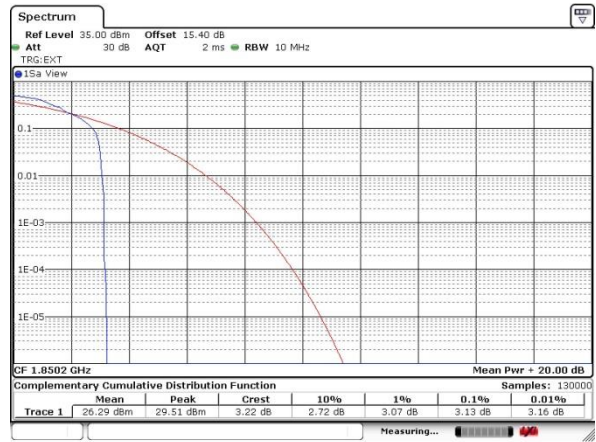
Lowest Channel



Date: 6 NOV 2021 10:32:52

GSM1900 (EDGE class 8)

Lowest Channel



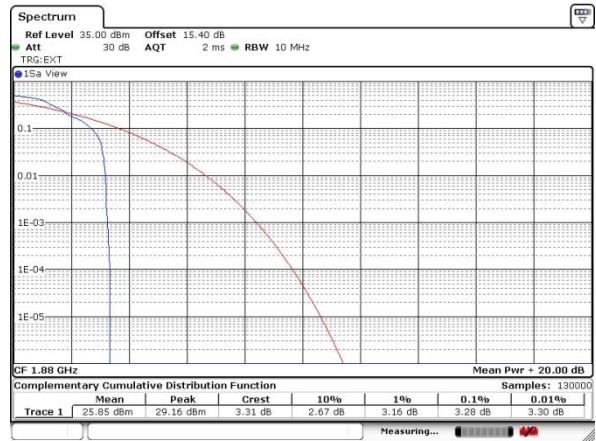
Date: 6 NOV 2021 11:57:51

Middle Channel



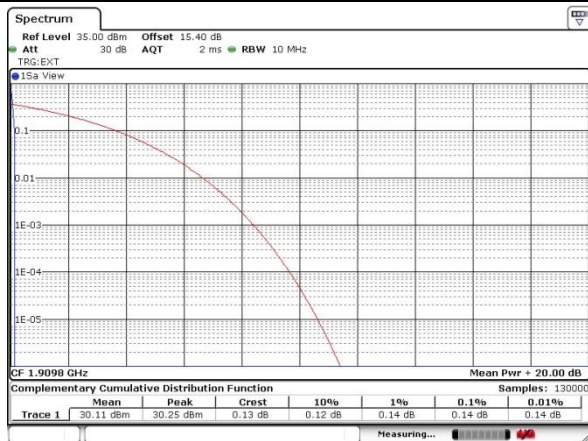
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Middle Channel



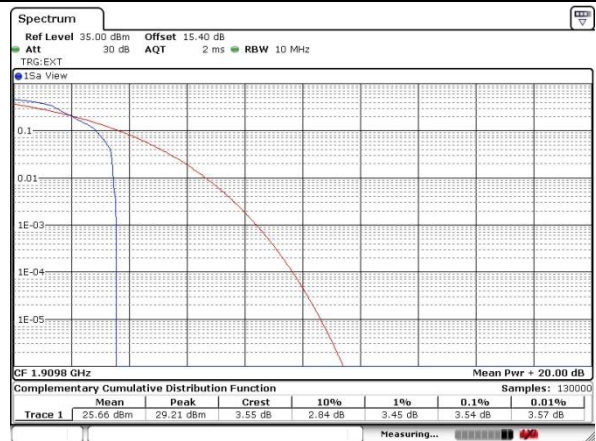
Date: 6 NOV 2021 11:58:08

Highest Channel



Date: 6 NOV 2021 10:33:18

Highest Channel



Date: 6 NOV 2021 11:58:20

**26dB Bandwidth**

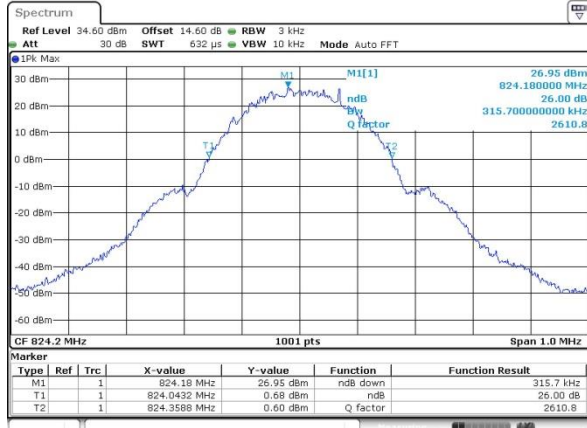
Mode	GSM850	
Mod.	GSM	EDGE class 8
Lowest CH	0.32	0.31
Middle CH	0.32	0.31
Highest CH	0.31	0.31

Mode	GSM1900	
Mod.	GSM	EDGE class 8
Lowest CH	0.32	0.31
Middle CH	0.31	0.31
Highest CH	0.31	0.31



GSM850 (GSM)

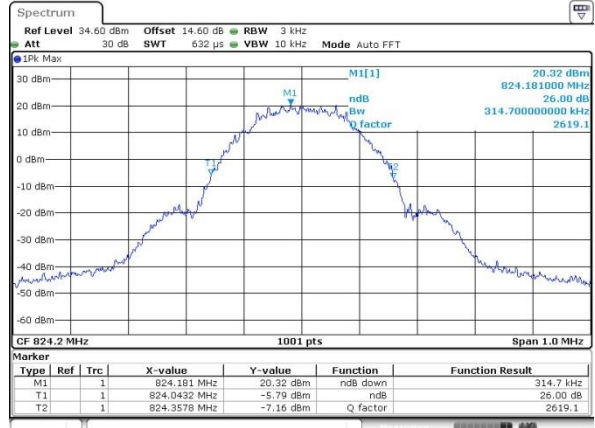
Lowest Channel



Date: 6 NOV 2021 10:08:45

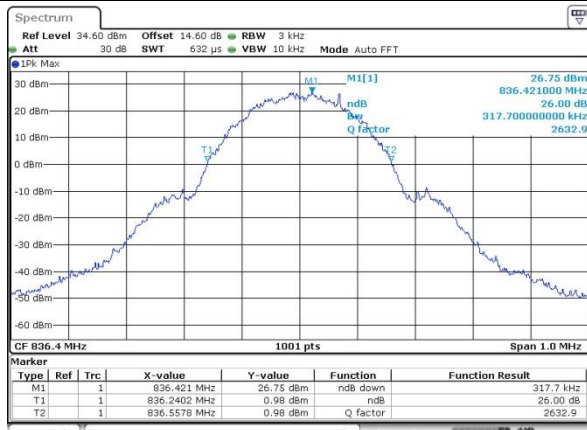
GSM850 (EDGE class 8)

Lowest Channel



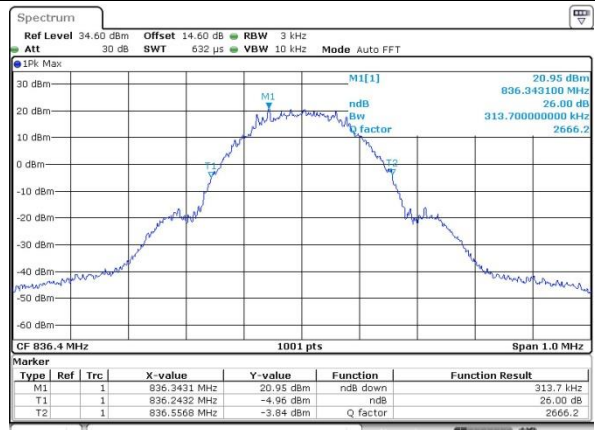
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Middle Channel



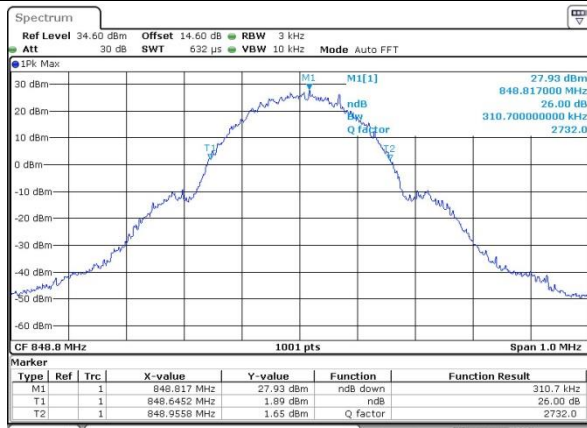
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Middle Channel



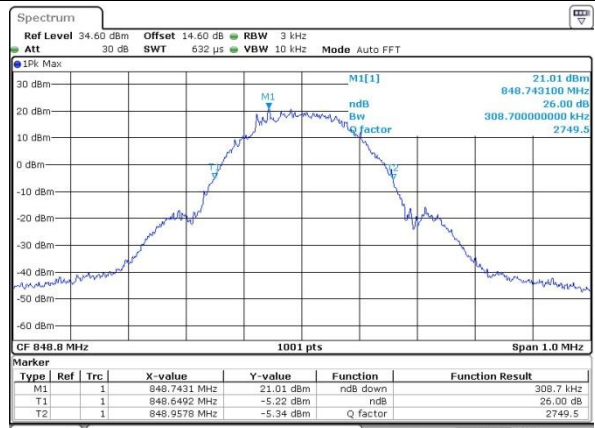
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Highest Channel



Date: 6 NOV 2021 10:09:29

Highest Channel

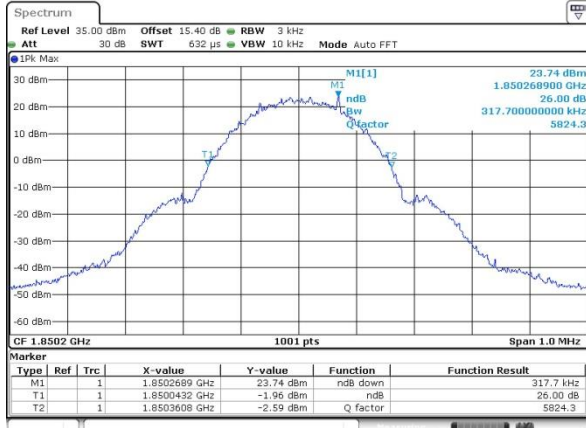


Date: 6 NOV 2021 10:37:20



GSM1900 (GSM)

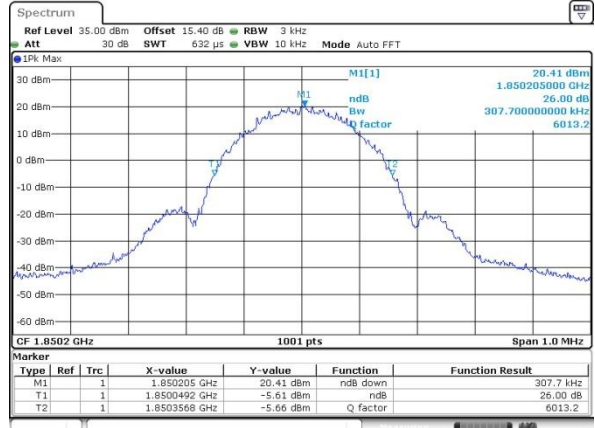
Lowest Channel



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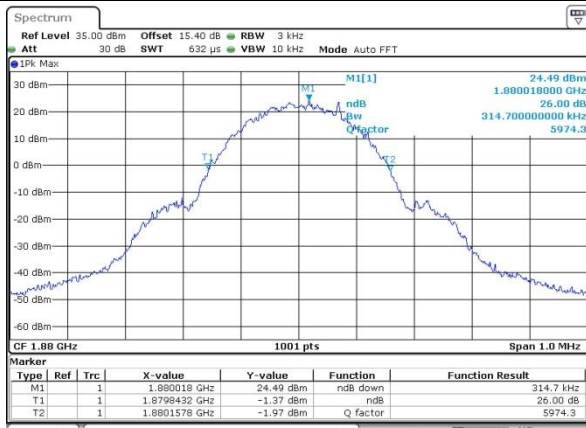
GSM1900 (EDGE class 8)

Lowest Channel

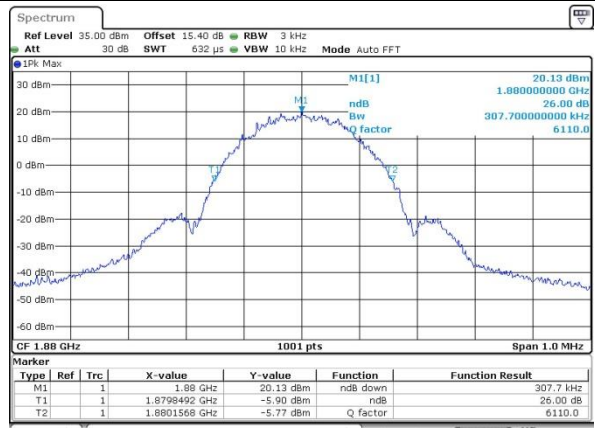


Date: 6 NOV 2021 11:56:48

Middle Channel

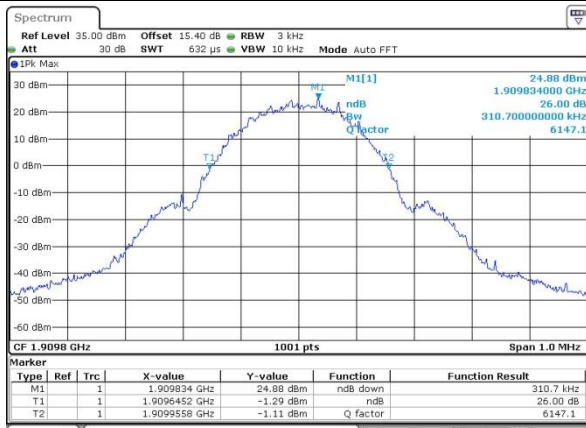


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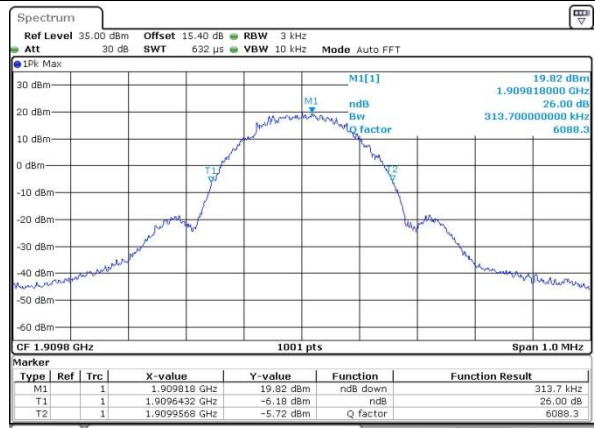


Date: 6 NOV 2021 11:57:10

Highest Channel



Date: 6 NOV 2021 10:25:30



Date: 6 NOV 2021 11:57:31

**Occupied Bandwidth**

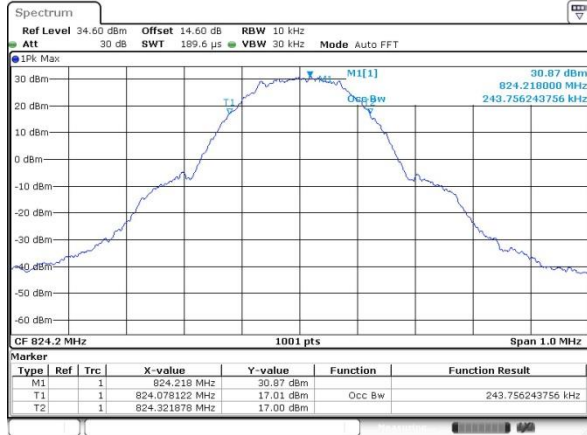
Mode	GSM850	
Mod.	GSM	EDGE class 8
Lowest CH	0.244	0.242
Middle CH	0.242	0.239
Highest CH	0.244	0.240

Mode	GSM1900	
Mod.	GSM	EDGE class 8
Lowest CH	0.241	0.246
Middle CH	0.241	0.245
Highest CH	0.242	0.241



GSM850 (GSM)

Lowest Channel

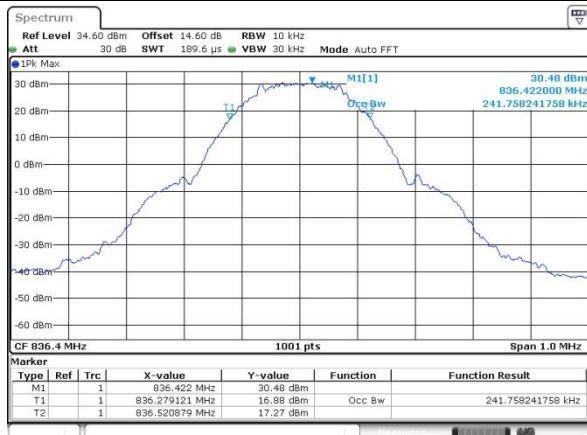


GSM850 (EDGE class 8)

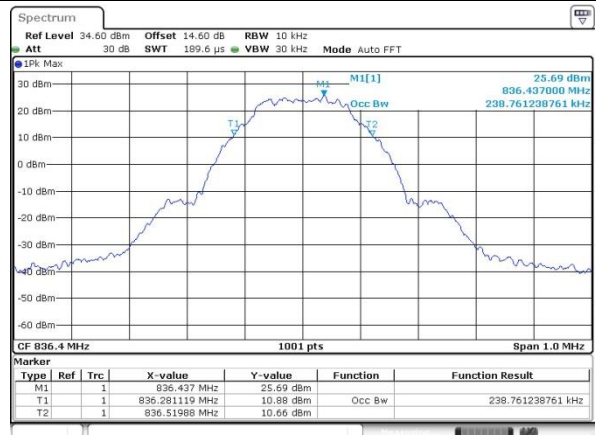
Lowest Channel



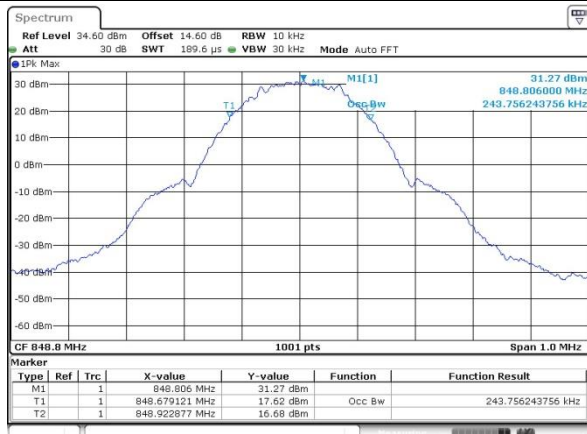
Middle Channel



Middle Channel



Highest Channel



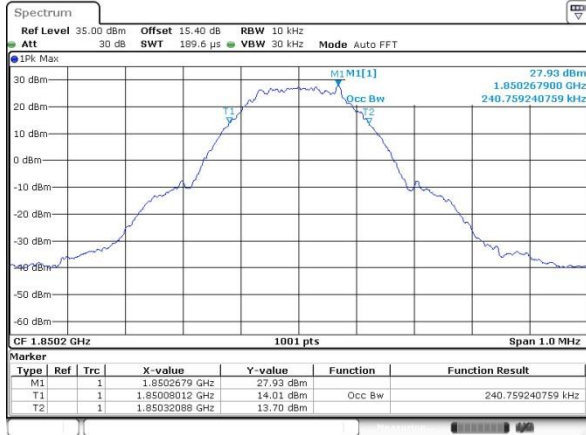
Highest Channel





GSM1900 (GSM)

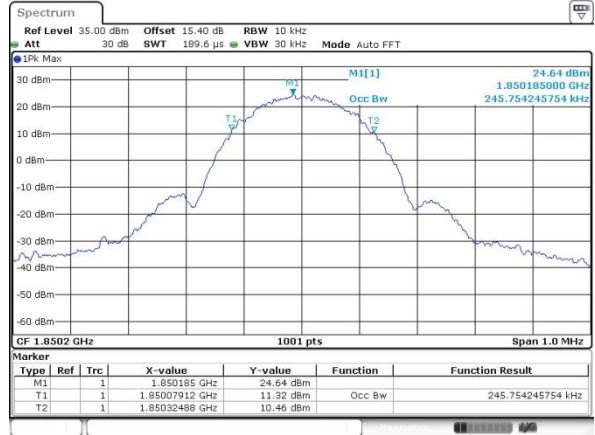
Lowest Channel



Date: 6 NOV 2021 10:27:12

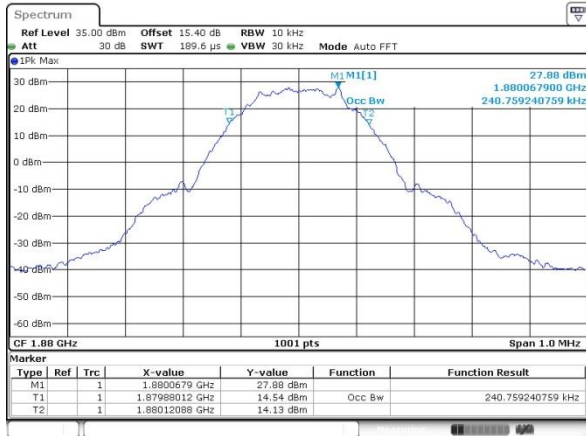
GSM1900 (EDGE class 8)

Lowest Channel



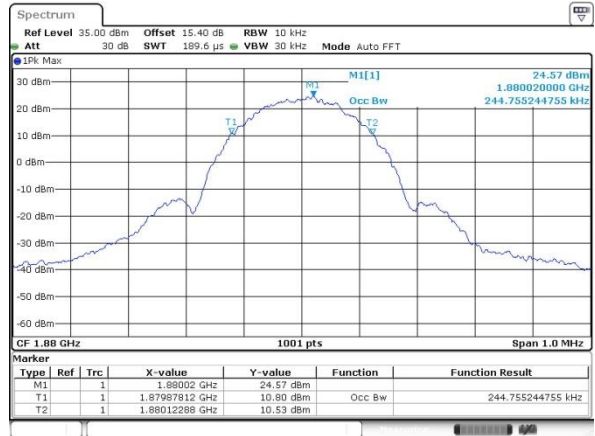
Date: 6 NOV 2021 12:12:50

Middle Channel



Date: 6 NOV 2021 10:27:37

Middle Channel



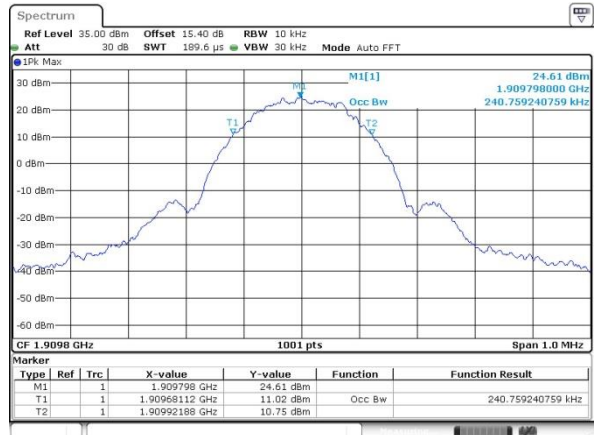
Date: 6 NOV 2021 12:00:49

Highest Channel



Date: 6 NOV 2021 10:27:57

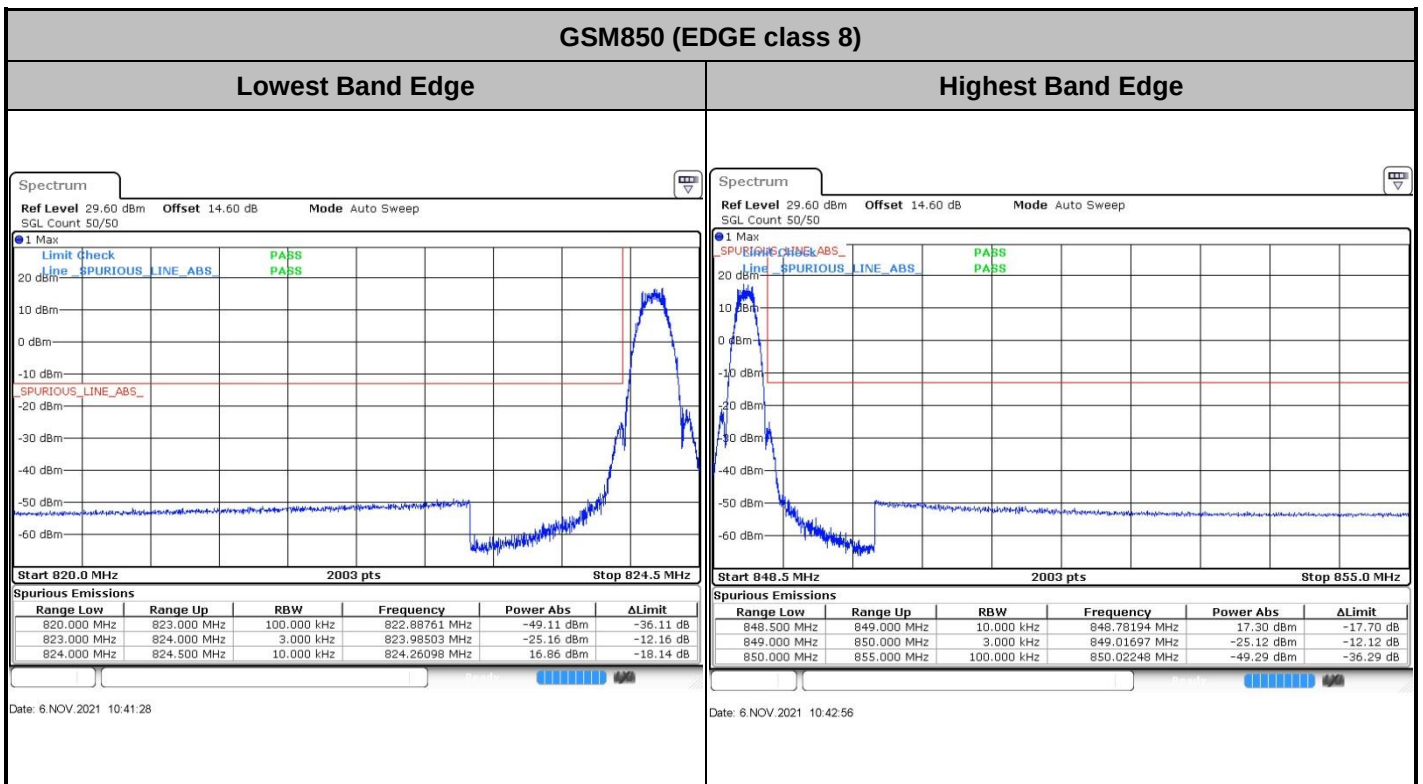
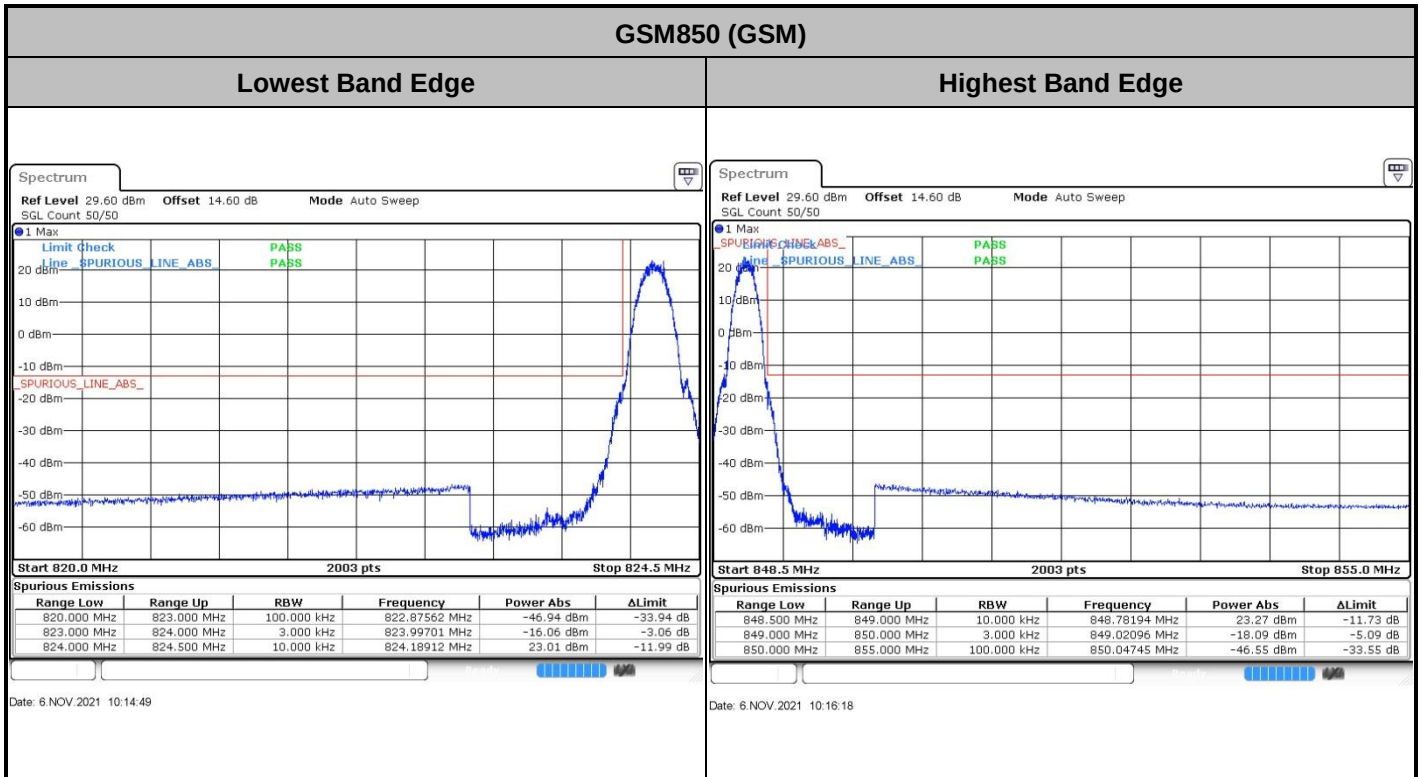
Highest Channel



Date: 6 NOV 2021 12:01:11



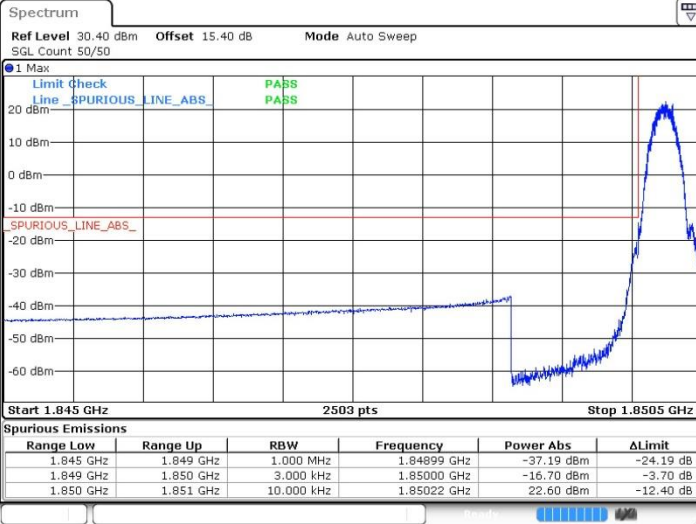
Conducted Band Edge





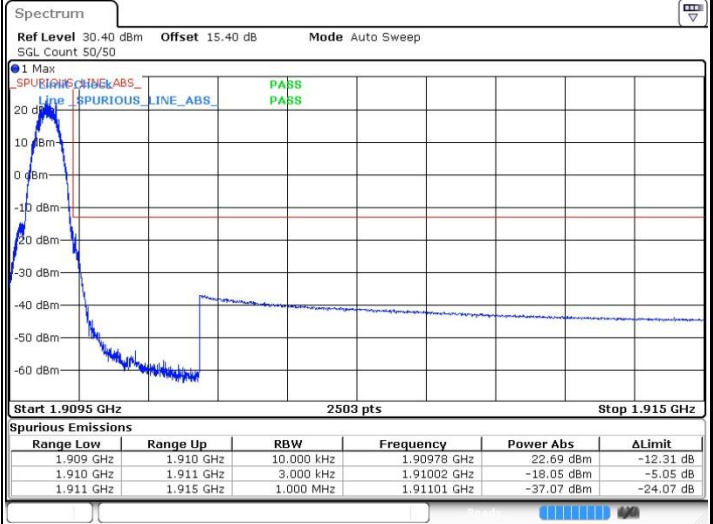
GSM1900 (GSM)

Lowest Band Edge



Date: 6 NOV 2021 10:29:30

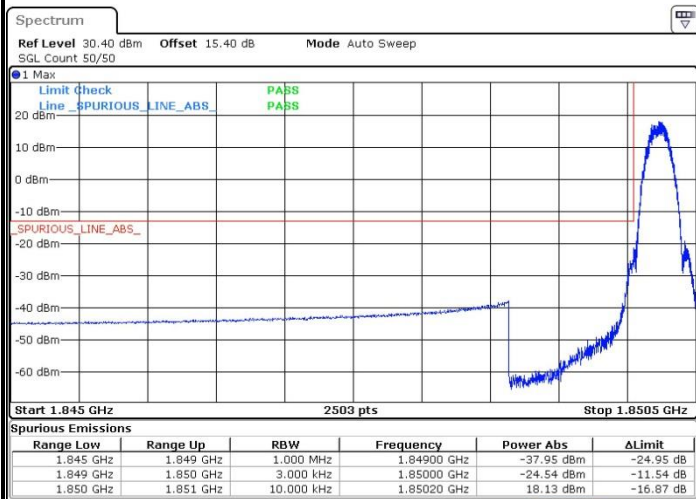
Highest Band Edge



Date: 6 NOV 2021 10:30:59

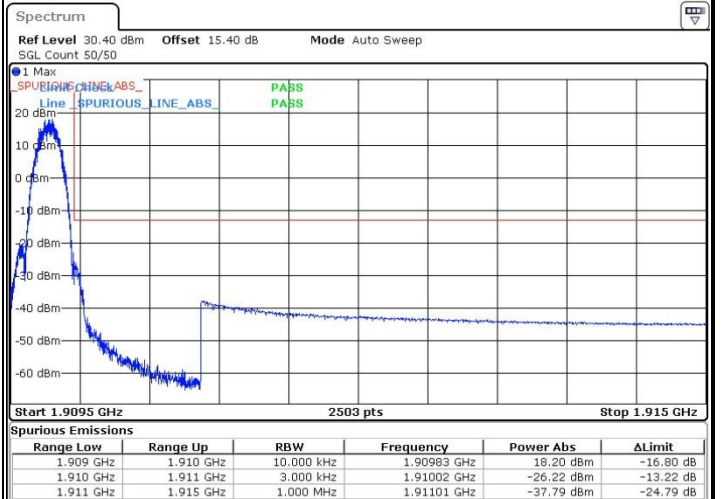
GSM1900 (EDGE class 8)

Lowest Band Edge



Date: 6 NOV 2021 12:02:44

Highest Band Edge



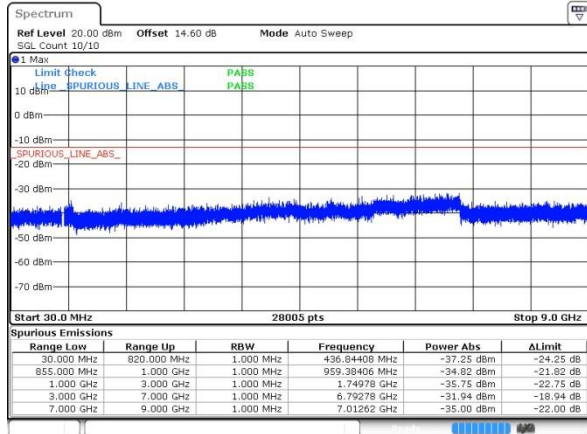
Date: 6 NOV 2021 12:04:11



Conducted Spurious Emission

GSM850 (GSM)

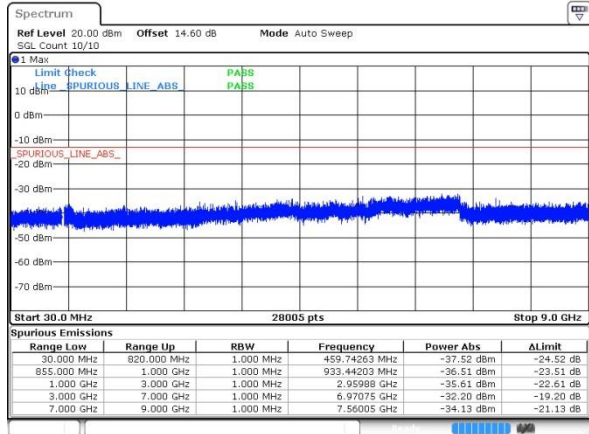
Lowest Channel



Date: 6 NOV 2021 10:16:50

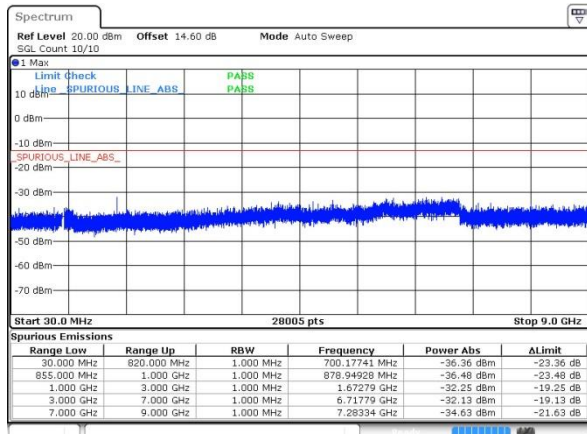
GSM850 (EDGE class 8)

Lowest Channel



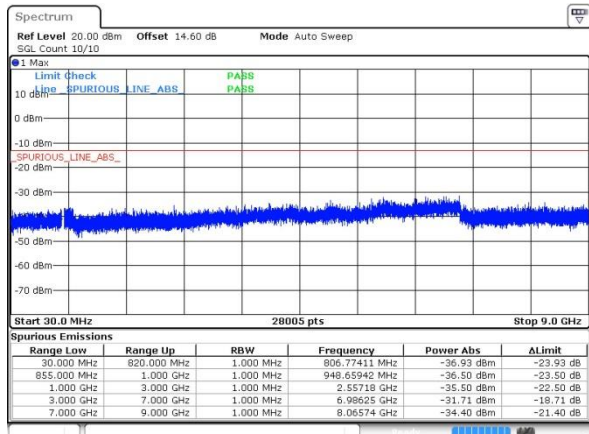
Date: 6 NOV 2021 10:43:41

Middle Channel



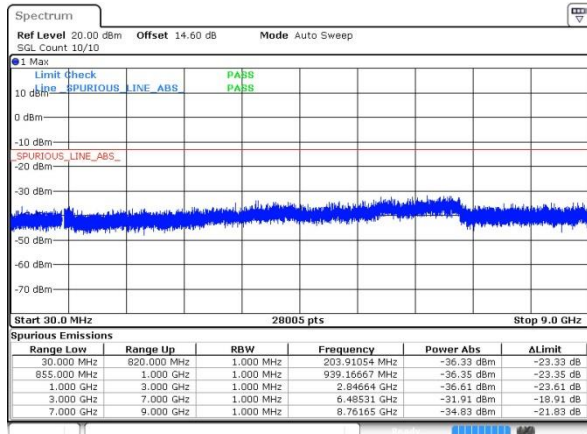
Date: 6 NOV 2021 10:17:15

Middle Channel



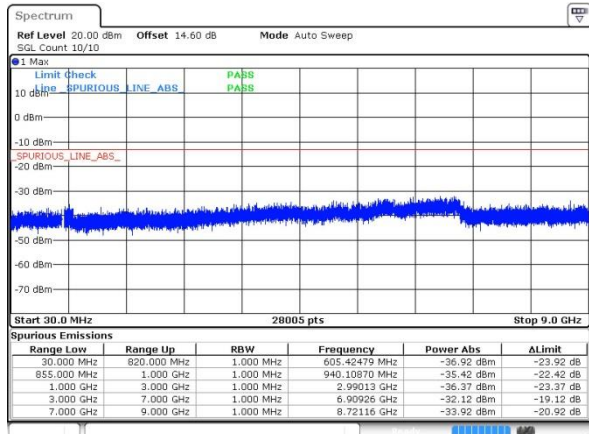
Date: 6 NOV 2021 10:44:05

Highest Channel



Date: 6 NOV 2021 10:17:37

Highest Channel

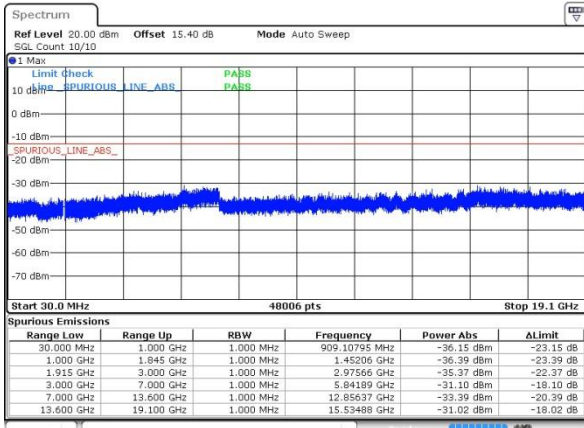


Date: 6 NOV 2021 10:44:37



GSM1900 (GSM)

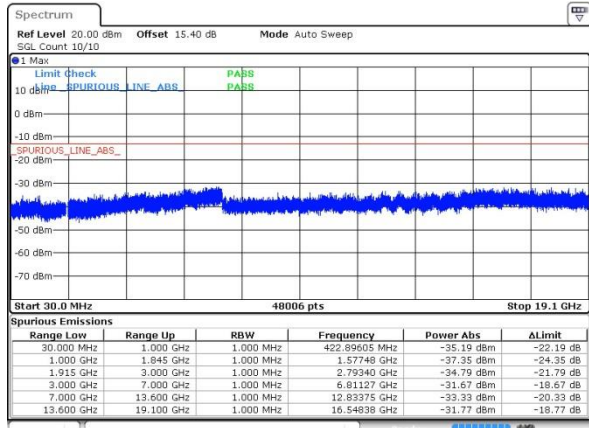
Lowest Channel



Date: 6 NOV 2021 10:31:23

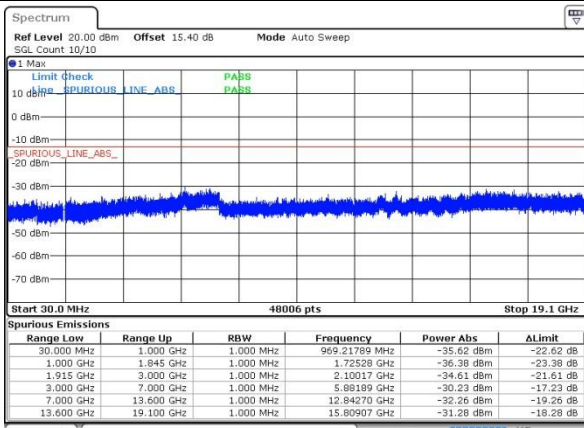
GSM1900 (EDGE class 8)

Lowest Channel

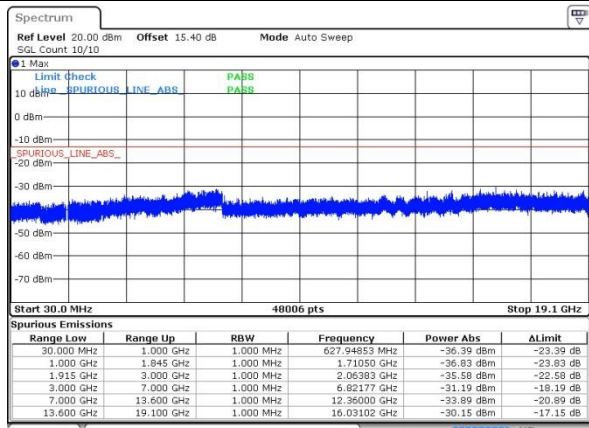


Date: 6 NOV 2021 12:11:02

Middle Channel

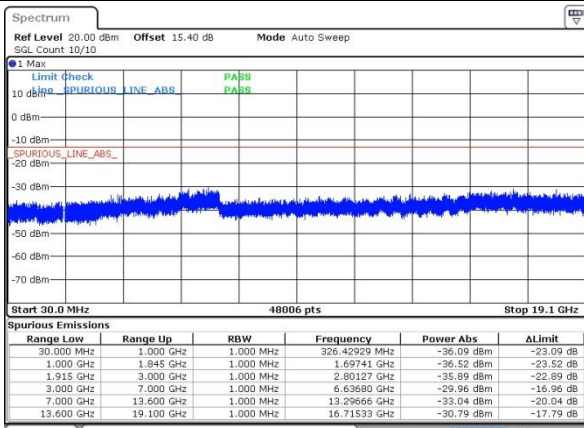


Date: 6 NOV 2021 10:31:44

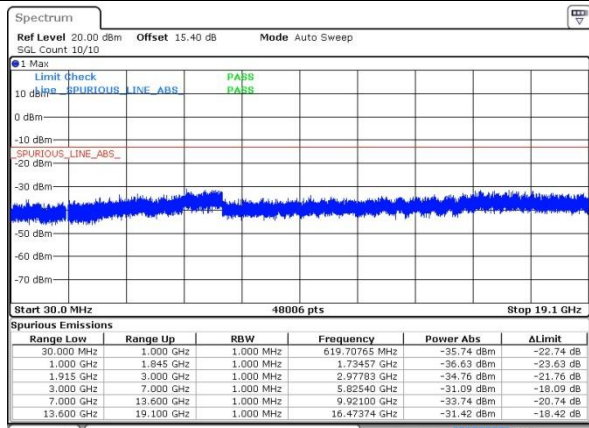


Date: 6 NOV 2021 12:11:23

Highest Channel



Date: 6 NOV 2021 10:32:03



Date: 6 NOV 2021 12:11:45

**Frequency Stability**

Test Conditions	Middle Channel	GSM850 (GSM)	GSM850 (EDGE class 8)	Limit 2.5ppm
Temperature (°C)	Voltage (Volt)	Deviation (ppm)		Result
50	Normal Voltage	0.0011	0.0011	PASS
40	Normal Voltage	0.0024	0.0054	
30	Normal Voltage	0.0012	0.0069	
20(Ref.)	Normal Voltage	0.0000	0.0000	
10	Normal Voltage	0.0015	0.0037	
0	Normal Voltage	0.0025	0.0039	
-10	Normal Voltage	0.0037	0.0069	
-20	Normal Voltage	0.0038	0.0035	
-30	Normal Voltage	0.0020	0.0055	
20	Maximum Voltage	0.0083	0.0026	
20	Normal Voltage	0.0000	0.0000	
20	Battery End Point	0.0081	0.0032	

Note: Normal Voltage = 3.87V. ; Battery End Point (BEP) =3.6V. ; Maximum Voltage =4.2 V



Test Conditions	Middle Channel	GSM1900 (GSM)	GSM1900 (EDGE class 8)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)		Result
50	Normal Voltage	0.0049	0.0058	PASS
40	Normal Voltage	0.0026	0.0036	
30	Normal Voltage	0.0018	0.0034	
20(Ref.)	Normal Voltage	0.0000	0.0000	
10	Normal Voltage	0.0036	0.0006	
0	Normal Voltage	0.0034	0.0026	
-10	Normal Voltage	0.0026	0.0036	
-20	Normal Voltage	0.0029	0.0054	
-30	Normal Voltage	0.0006	0.0026	
20	Maximum Voltage	0.0051	0.0017	
20	Normal Voltage	0.0000	0.0000	
20	Battery End Point	0.0022	0.0036	

Note:

1. Normal Voltage = 3.87V. ; Battery End Point (BEP) =3.6V. ; Maximum Voltage =4.2 V
2. The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



WCDMA

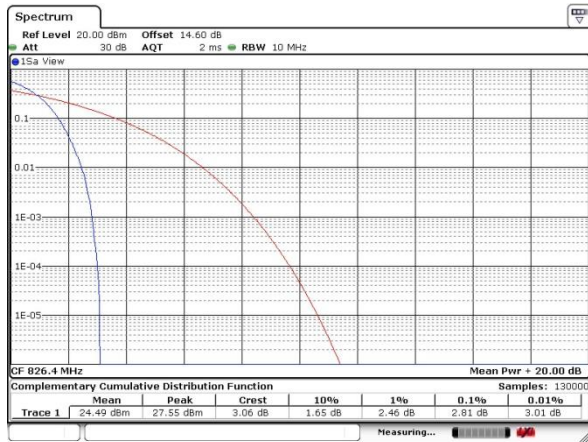
Peak-to-Average Ratio

Mode	WCDMA Band V	WCDMA Band II	WCDMA Band IV	Limit: 13dB
Mod.	RMC 12.2Kbps	RMC 12.2Kbps	RMC 12.2Kbps	Result
Lowest CH	2.81	2.96	2.90	PASS
Middle CH	3.36	3.04	3.10	
Highest CH	3.13	2.84	2.87	



WCDMA Band V (RMC 12.2Kbps)

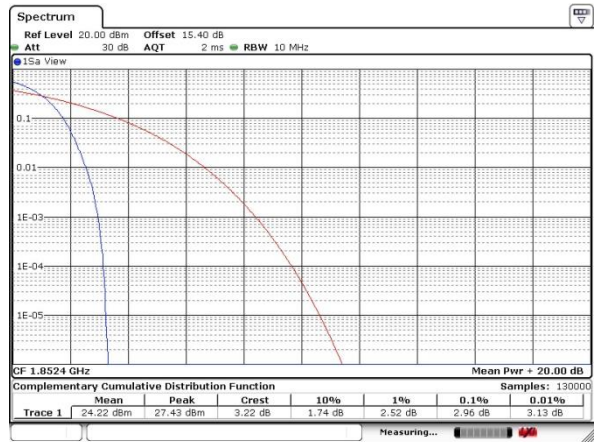
Lowest Channel



Date: 6 NOV 2021 09:28:55

WCDMA Band II (RMC 12.2Kbps)

Lowest Channel



Date: 6 NOV 2021 09:44:22

Middle Channel



Date: 6 NOV 2021 09:28:13

Middle Channel



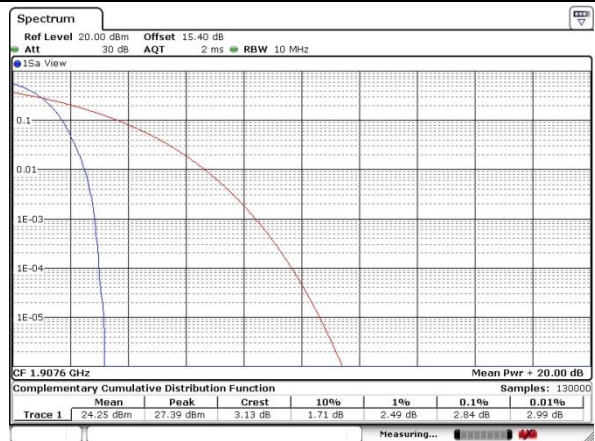
Date: 6 NOV 2021 09:44:36

Highest Channel

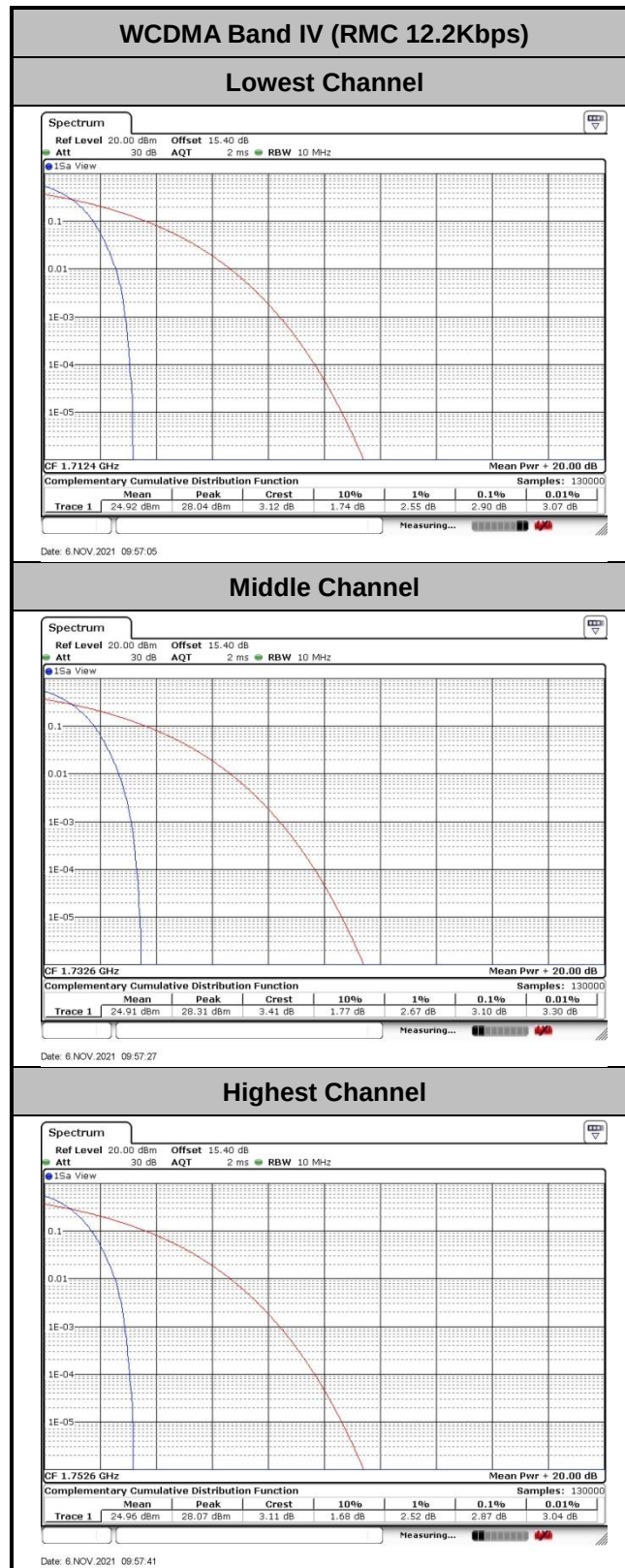


Date: 6 NOV 2021 09:29:43

Highest Channel



Date: 6 NOV 2021 09:45:23



**26dB Bandwidth**

Mode	WCDMA Band V	WCDMA Band II	WCDMA Band IV
Mod.	RMC 12.2Kbps	RMC 12.2Kbps	RMC 12.2Kbps
Lowest CH	4.72	4.72	4.72
Middle CH	4.70	4.72	4.70
Highest CH	4.71	4.73	4.72