RF Test Report

Applicant	:	Xiaomi Communications Co., Ltd.
Product Name	:	Tablet Computer
Trade Name	:	REDMI
Model Number	:	2604ERP4DG
Applicable Standard	:	FCC 47 CFR PART 22H FCC 47 CFR PART 24E ANSI C63.26 2015
Received Date	:	Jan. 30, 2026
Test Period	:	Feb. 09 2026 ~ Feb. 10, 2026
Issued Date	:	Mar. 10, 2026

Issued by

Eurofins E&E Wireless Taiwan Co., Ltd.
No. 140-1, Changan Street, Bade District,
Taoyuan City, Taiwan (R.O.C.)
Tel：+886-3-2710188 / Fax：+886-3-2710190

Testing Laboratory
1330

Taiwan Accreditation Foundation accreditation number: 1330
Frequency Range: 9 kHz to 40 GHz
Bade test site：
Frequency Range: 9 kHz to 40 GHz
Bade test site：
Test Firm Registration Number: 226252
Test Firm Designation Number: TW0010
Wugu test site：
Test Firm Registration Number: 191812
Test Firm Designation Number: TW0034

Note:
1. The test results are valid only for samples provided by customers and under the test conditions described in this report.
2. This report shall not be reproduced except in full, without the written approval of Eurofins E&E Wireless Taiwan Co., Ltd.
3. The relevant information is provided by customers in this test report. According to the correctness, appropriateness or completeness of the information provided by the customer, if there is any doubt or error in the information which affects the validity of the test results, the laboratory does not take the responsibility.

Revision History

Rev.	Issued Date	Description	Revised by
00	Mar. 10, 2026	Initial Issue	Snow Wang

Verification of Compliance

Applicant	:	Xiaomi Communications Co., Ltd.
Product Name	:	Tablet Computer
Trade Name	:	REDMI
Model Number	:	2604ERP4DG
FCC ID	:	2AFZZRP4DG
Applicable Standard	:	FCC 47 CFR PART 22H FCC 47 CFR PART 24E ANSI C63.26 2015
Test Result	:	Complied
Performing Lab.	:	Eurofins E&E Wireless Taiwan Co., Ltd. No. 140-1, Changan Street, Bade District, Taoyuan City, Taiwan (R.O.C.) Tel：+886-3-2710188 / Fax：+886-3-2710190 Taiwan Accreditation Foundation accreditation number: 1330

Testing Laboratory 1330

Eurofins E&E Wireless Taiwan Co., Ltd. tested the above equipment in accordance with the requirements set forth in the above standards. All indications of Pass/Fail in this report are opinions expressed by Eurofins E&E Wireless Taiwan Co., Ltd. based on interpretations and/or observations of test results. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

Approved By : Kai Yu Yang

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1 General Information

1.1. Summary of Test Result

FCC Rule	Description	Result
§2.1046	Conducted Output Power	Reference
§22.913(a)(5)	Determining ERP / EIRP from conducted RF output power	Pass
§24.232(c)	Determining ERP / EIRP from conducted RF output power	Pass
§24.232(d) KDB 971168 D01 (5.7.1)	Peak to Average Power Ratio	Pass
§2.1049 §22.917(b) §24.238(b)	Emission Bandwidth & Occupied Bandwidth	Reference
§2.1051 §22.917(a) §24.238(a)	Band Edge Measurement	Pass
§2.1051 §22.917(a) §24.238(a)	Conducted Spurious Emission	Pass
§2.1053 §22.917(a) §24.238(a)	Field Strength of Spurious Radiation	Pass
§2.1055 §22.355 §24.235	Frequency Stability for Temperature & Voltage	Pass

Decision Rule

■ Uncertainty is not included.

□ Uncertainty is included.

1.2. Testing Location

Lab Name: Eurofins E&E Wireless Taiwan Co., Ltd.

Site Address: ■ No. 140-1, Changan Street, Bade District, Taoyuan City, Taiwan (R.O.C.)

Site Address: □ No. 2, Wuquan 5th Rd. Wugu Dist., New Taipei City, Taiwan (R.O.C.)

1.3. Measurement Uncertainty

Parameter	Uncertainty	
	BD	WG
Conducted Output Average Power	1.1 dB	1.1 dB
Effective Radiated Power / Equivalent Isotropic Radiated Power	1.1 dB	1.1 dB
Frequency Stability	1.3 x 10^{-7} x fc (Hz)	1.3 x 10^{-7} x fc (Hz)
Emission Bandwidth & Occupied Bandwidth	4.4 %	4.4 %
Peak to Average Power Ratio	1.1 dB	1.1 dB
Band Edge	1.1 dB	1.1 dB
Conducted Spurious Emission	1.1 dB	1.1 dB

Parameter	Uncertainty				
	96601-BD	96603-BD	96602-WG	96603-WG	96604-WG
Radiated Emission	6.3 dB	6.3 dB	6.3 dB	6.3 dB	6.3 dB

1.4. Test Site Environment

Items	Required (IEC 60068-1)	Interval(*)
Temperature (°C)	15-35	20-30
Humidity (%RH)	25-75	45-75

(*)The measurement ambient temperature is within this range.

Test Setting Condition		
L.V.	Low Voltage	DC 3.60 V
N.V.	Normal Voltage	DC 3.86 V
H.V.	High Voltage	DC 4.30 V
L.T.	Low Temperature	0 ℃
N.T.	Normal Temperature	+25 ℃
H.T.	High Temperature	+40 ℃

2 EUT Description

The product specifications of the EUT presented in the report are declared by the manufacturer who shall take full responsibility for the authenticity(except E.R.P. /E.I.R.P., Occupied Bandwidth, Emission Designator).

Applicant	Xiaomi Communications Co., Ltd. #019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085			
Product Name	Tablet Computer			
Trade Name	REDMI			
Model Number	2604ERP4DG			
FCC ID	2AFZZRP4DG			
IMEI No.	IMEI 1：866001080055685, IMEI 2：866001080055693			
Mode	Band	UL Frequency (MHz)	DL Frequency (MHz)	Modulation
GSM/GPRS/EGPRS	850	824.2 ~ 848.8	869.2 ~ 893.8	GMSK/8PSK
	1900	1850.2 ~ 1909.8	1930.2 ~ 1989.8	GMSK/8PSK
Antenna information	Type	Max. Gain (dBi)		
	PIFA Antenan	GSM/GPRS/EGPRS 850	1.85	
		GSM/GPRS/EGPRS 1900	-2.31	
Operate Temp. Range	0 ~ +40 ℃			
EUT Power Rating	DC 5 V, 3 A DC 9 V, 2 A (Fast Charging Mode) DC 5 V, 2 A (Reverse charging)			

Frequency Band	E.R.P. / E.I.R.P. (W)		Occupied Bandwidth (MHz)	Emission Designator
GSM 850	1.069	(E.R.P.)	0.24555	246KGXW
GPRS 850	1.033	(E.R.P.)	0.24503	245KGXW
EGPRS 850	0.508	(E.R.P.)	0.24239	242KG7W
GSM 1900	0.575	(E.I.R.P.)	0.24493	245KGXW
GPRS 1900	0.516	(E.I.R.P.)	0.24612	246KGXW
EGPRS 1900	0.239	(E.I.R.P.)	0.24423	244KG7W

Testing Sample No.		
Test Item		Sample Number
Radiated Emissions	Below 1 GHz	C261436_A013
	Above 1 GHz	C261436_A013
Conducted		C261436_A010
Conducted Emission		---

2.1. Mode of Operation

Eurofins has verified the construction and function in typical operation. All the test modes were carried out with the EUT in normal operation, which was shown in this test report and defined as:

Pre-Test Mode	Final-Test Mode
GSM 850 Link Mode	V
GSM 1900 Link Mode	V
GPRS 850 Link Mode	V
GPRS 1900 Link Mode	V
EGPRS 850 Link Mode	V
EGPRS 1900 Link Mode	V

Note: 1.Regards to the frequency band operation: the lowest, middle and highest frequency of channel were selected to perform the test, then shown on this report.

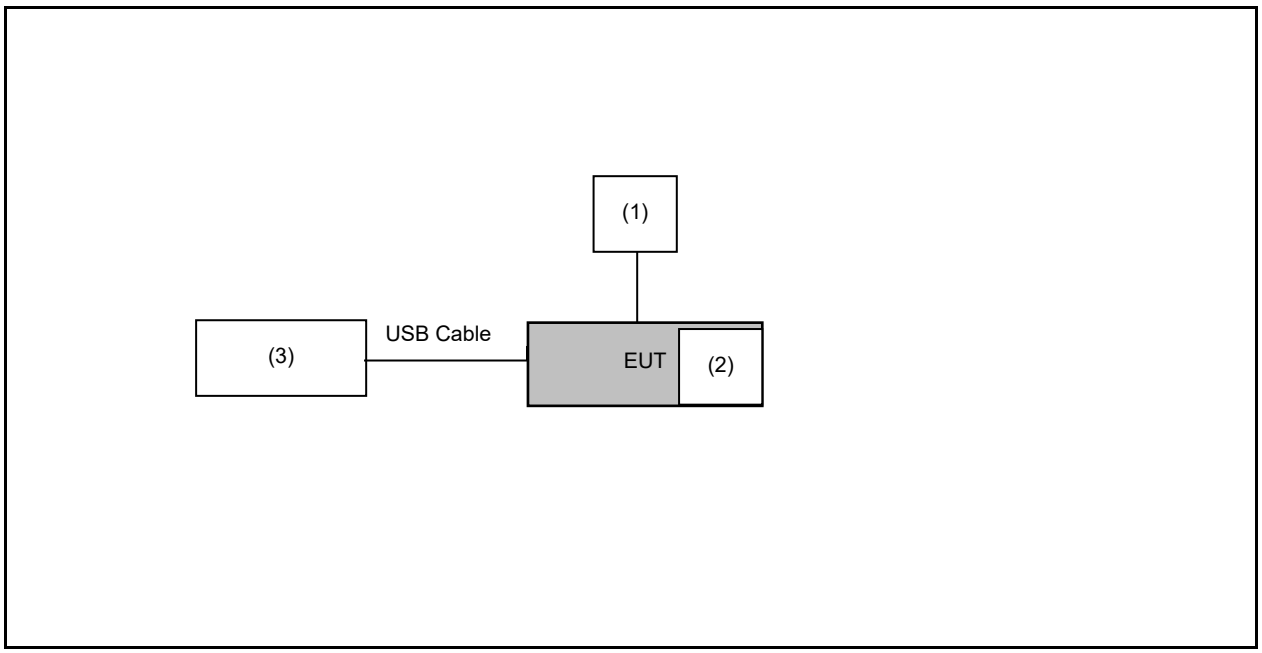
2.The Field Strength of Spurious Radiation only tested for GSM.

By preliminary testing and verifying three axis (X, Y and Z) position of EUT transmitted status, it was found that “X axis” position was the worst, then the final test was executed the worst condition and test data were recorded in this report.

2.2. EUT Test Step

1	Setup the EUT shown on “Configuration of Test System Details”.
2	Turn on the power of all equipment.

2.3. Configuration of Test System Details



Product		Manufacturer	Model Number	Serial Number	Power Cord
(1)	Earphone	MI	EM023	---	---
(2)	Micro SD Card	Transcend	9153BA 8G 07DS1	---	---
(3)	AC Adapter	MI	MDY-16-EH	---	---

2.4. Test Instruments

For Conducted
Test Period: Feb. 09, 2026
Testing Engineer: Eric Ou Yang

Test Site		RF02-BD				
Use	Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Cal. Period
☐	Divider	Warison	WDIV-2I0.5-26.5S20	WR222AM2B1	Feb. 18, 2025	1 year
☒	Divider	Warison	WDIV-2I0.5-26.5S20	WR222AM2B2	Aug. 25, 2025	1 year
☐	Spectrum Analyzer (3 Hz~13.2 GHz)	Agilent	E4445A	MY45300744	Oct. 29, 2025	1 year
☒	Spectrum Analyzer (3 Hz~50 GHz)	Agilent	N9030A	MY53120541	Mar. 07, 2025	1 year
☒	Universal Radio Communication Tester	R&S	CMU200	112387	Mar. 24, 2025	1 year
☐	Wideband Radio Communication Tester	R&S	CMW500	170768	Nov. 30, 2022	1 year
☐	Radio Communication Analyzer	Anritsu	MT8820C	6201342039	Nov. 26, 2025	1 year
☐	Radio Communication Analyzer	Anritsu	MT8821C	6201300618	Jun. 07, 2025	1 year
☐	Radio Communication Analyzer	Anritsu	MT8000A	6272354178	Jan. 12, 2026	1 year
☐	UXM 5G Wireless Test Platform	Keysight	E7515B	MY59321574	Jul. 17, 2025	1 year
☐	Signalling Tester	Anritsu	MD8475A	6201357755	Feb. 04, 2026	1 year
☐	USB sound vibration measurement system	National Instruments	USB-4432	1AF01D4	Sep. 22, 2025	1 year
☐	USB sound vibration measurement system	PCB	352C65	LW161409	Aug. 25, 2025	1 year
☐	USB sound vibration measurement system	G.R.A.S	40PH	186006	Aug. 27, 2025	1 year
☒	Temperature & Humidity Chamber	TAICHY	MHU-225LA	980729	Mar. 26, 2025	1 year
☐	Electromagnetic high frequency vibration testing machine	KING DESIGN	KD-9363-EM-30F4K-10N10	RZ110218299	Jul. 25, 2025	1 year
☒	Power Supply	KEITHLEY	2303	4045290	Dec. 18, 2025	1 year
☐	Power Supply	IDRC	CP-268	268711	Dec. 18, 2025	1 year
☐	Power Supply	GW	GPC-3030D	GEO893367	Nov. 20, 2025	1 year
☐	Software	PWS Test	1.1.1	N/A	N.C.R.	---
☐	Software	EZ EMC	1.1.4.4	N/A	N.C.R.	---

☒ means with testing used ;
☐ means without testing used
Note: N.C.R. = No Calibration Request..

For Radiated Emissions
Test Period: Feb. 09, 2026 ~ Feb. 10, 2026
Testing Engineer: Bruce Chen

Test Site		96603-BD				
Radiation test sites		Semi Anechoic Room				
Use	Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Cal. Period
☐	Spectrum Analyzer (3 Hz~50 GHz)	Agilent	N9030A	MY53120541	Mar. 07, 2025	1 year
☒	Spectrum Analyzer (10 Hz~44 GHz)	Keysight	N9020B	MY60112363	Jan. 09, 2026	1 year
☐	Amplifier (100 kHz~1.3 GHz)	Agilent	8447D	2944A11119	Jan. 09, 2026	1 year
☒	Broadband Amplifier (100 kHz~1 GHz)	Titan	T0910E00014330A1F	001	Aug. 07, 2025	1 year
☐	Pre Amplifier (1~26.5 GHz)	Agilent	8449B	3008A02455	Jul. 10, 2025	1 year
☒	Broadband Amplifier (1 GHz~26.5 GHz)	Titan	T0912E01263025A1F	002	Aug. 07, 2025	1 year
☐	Preamplifier (26.5 GHz~40 GHz)	EMCI	EMC2654045	980028	Sep. 01, 2025	1 year
☐	Preamplifier (18 GHz~40 GHz)	EMCI	EMC184045SE	980861	Dec. 21, 2023	1 year
☐	Loop Antenna (9 kHz~30 MHz)	COM-POWER CORPORATION	AL-130	121014	Mar. 27, 2025	1 year
☒	Trilog Broadband Antenna (30 kHz~1 GHz)	Schwarzbeck Mess-Elektronik	VULB9168	01146	Jun. 26, 2025	1 year
☐	Trilog Broadband Antenna (30 kHz~1 GHz)	Schwarzbeck Mess-Elektronik	VULB9168	416	Jun. 19, 2025	1 year
☒	Broadband Horn Antenna (1 GHz~18 GHz)	Schwarzbeck Mess-Elektronik	9120D	02207	Aug. 29, 2025	1 year
☐	Broadband Horn Antenna (1 GHz~18 GHz)	Schwarzbeck Mess-Elektronik	9120D	9120D-550	Jul. 31, 2025	1 year
☐	Broadband Horn Antenna (18 GHz~40 GHz)	Schwarzbeck Mess-Elektronik	9170	9170-320	Jul. 31, 2025	1 year
☐	Horn Antenna (18 GHz~40 GHz)	ETS	3116	00086467	Dec. 08, 2025	1 year
☒	Coaxial Cable	Titan	T0710AT327A10A100	J11005	Aug. 06, 2025	1 year
☒	Coaxial Cable	Titan	T0710AT327A10A900	J11003	Aug. 06, 2025	1 year
☒	Coaxial Cable	Titan	CFD400NL-LW	171219	Aug. 06, 2025	1 year

☒ means with testing used ;
☐ means without testing used
Note: N.C.R. = No Calibration Request.

For Radiated Emissions
Test Period: Feb. 09, 2026 ~ Feb. 10, 2026
Testing Engineer: Bruce Chen

Test Site		96603-BD				
Radiation test sites		Semi Anechoic Room				
Use	Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Cal. Period
☒	Universal Radio Communication Tester	R&S	CMU200	112387	Mar. 24, 2025	1 year
☐	Universal Radio Communication Tester	Agilent	E5515C	MY47511156	Sep. 08, 2025	1 year
☐	Radio Communication Analyzer	Anritsu	MT8821C	6201300618	Jun. 07, 2025	1 year
☐	Radio Communication Analyzer	Anritsu	MT8000A	6272354178	Jan. 09, 2025	1 year
☐	Power Supply	KEITHLEY	2303	4045290	Dec. 18, 2025	1 year
☐	Software	EZ EMC	1.1.4.4	N/A	N.C.R.	---
☒	Software	R_RAN	1.4	N/A	N.C.R.	---

☒ means with testing used ;
☐ means without testing used
Note: N.C.R. = No Calibration Request.

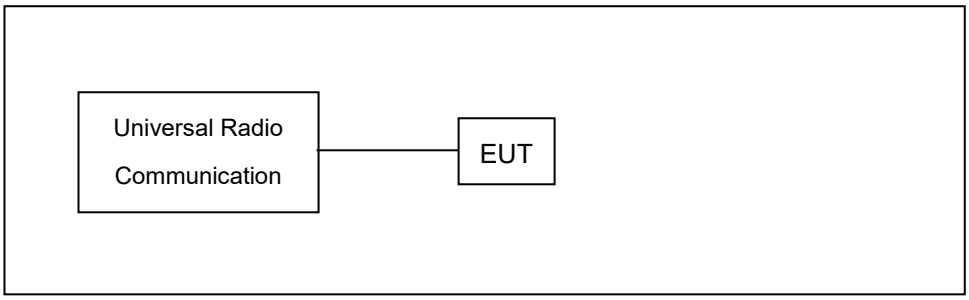
3 Measurement Procedure

3.1. RF Output Power Test

■ Limit

N/A

■ Test Setup



■ Test Procedure

a. The EUT was set up for the maximum power with simulator.

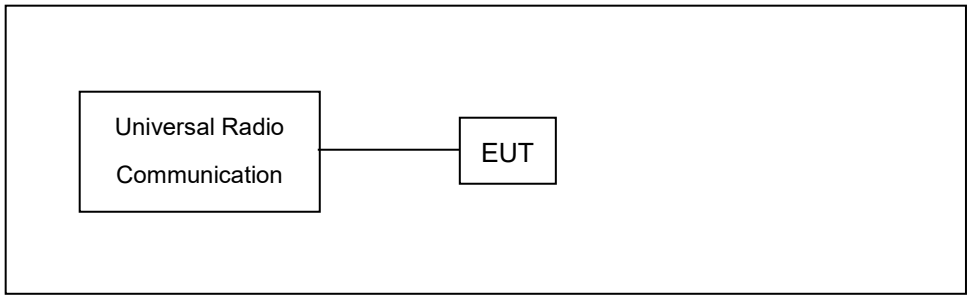
b. Set the EUT to transmit under low, middle and high channel and record the power level shown on simulator.

3.2. Determining ERP / EIRP from conducted RF output power Test

■ Limit

For FCC Part 22.913(a)(5): The E.R.P. of mobile transmitters and auxiliary test transmitters must not exceed 7 Watts.
For FCC Part 24.232(c): The E.I.R.P. of mobile and portable stations test transmitters must not exceed 2 Watts.
For IC RSS-132: The E.R.P. of mobile equipment must not exceed 7 Watts and 3 watts for portable equipment.
For IC RSS-133: The E.I.R.P. of subscriber equipment must not exceed 2 W/channel bandwidth.

■ Setup



■ Test Procedure

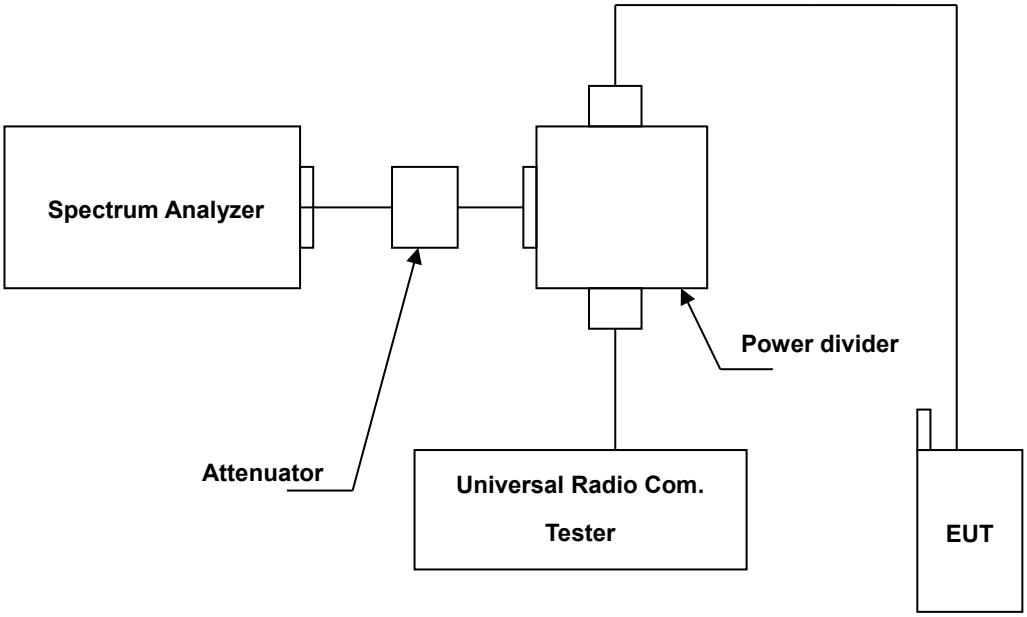
a. The EUT was set up for the maximum power with with simulator.
b. Set the EUT to transmit under low, middle and high channel and record the power level shown on simulator.
c. ERP or EIRP = $P_T + G_T – L_C$ (According to KDB 412172 D01 Power Approach):
   Where;
   ERP or EIRP = effective radiated power or equivalent isotropically radiated power (expressed in the same units as P_T, typically dBW, dBm, or power spectral density (PSD), relative to either a dipole antenna (ERP) or an isotropic antenna (EIRP);
   P_T = transmitter output power, expressed in dBW, dBm, or PSD;
   G_T = gain of the transmitting antenna, in dBd (ERP) or dBi (EIRP);
   L_C = signal attenuation in the connecting cable between the transmitter and antenna, in dB.
d. E.R.P. = E.I.R.P.- 2.15 dB

3.3. Peak to Average Power Ratio Test

■ Limit

In measuring transmissions in this band using an average power technique, the peak to-average power ratio (PAPR) of the transmission may not exceed 13 dB.

■ Setup



■ Test Procedure

a. Set resolution/measurement bandwidth signal's occupied bandwidth;
b. Set the number of counts to a value that stabilizes the measured CCDF curve;
c. Record the maximum PAPR level associated with a probability of 0.1 %.

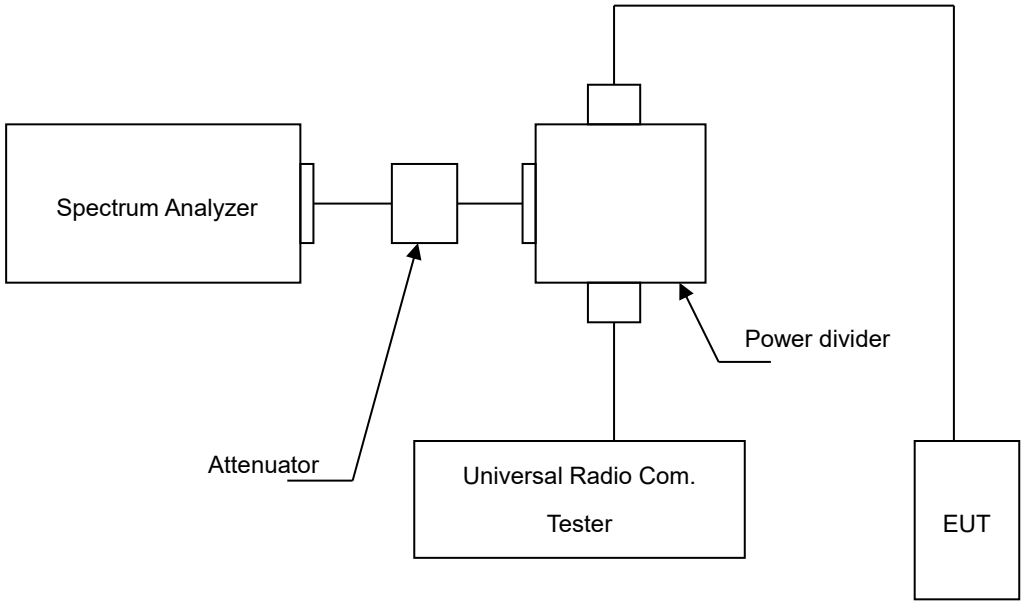
3.4. Emission Bandwidth & Occupied Bandwidth Test

■ Limit

The Occupied Bandwidth Limit:

N/A.

■ Setup



■ Test Procedure

1. The EUT was connected to Spectrum Analyzer and Base Station via Power Divider.
2. The occupied bandwidth of middle channel for the highest and lowest RF powers was measured.

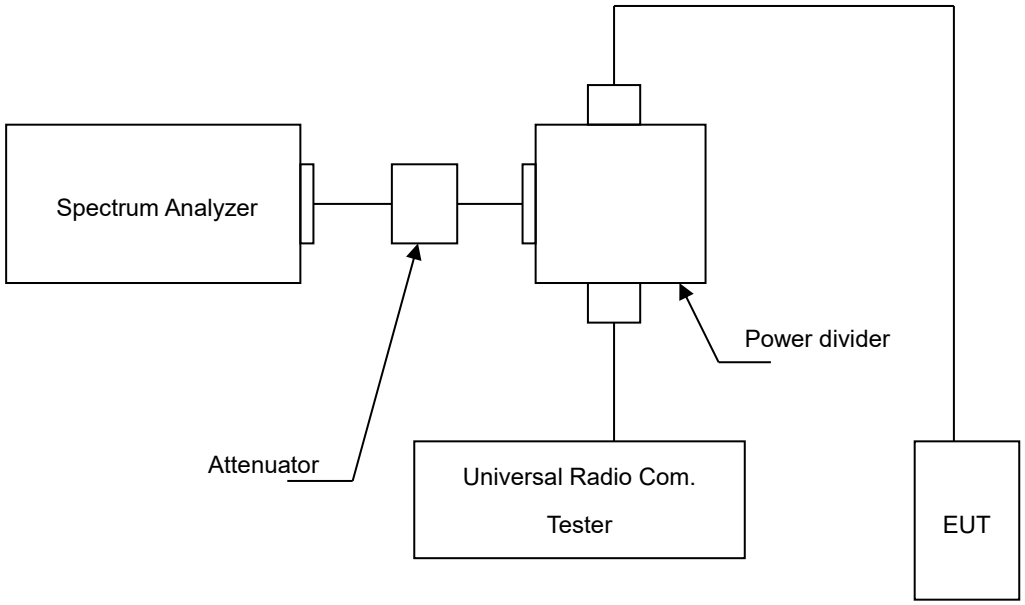
3.5. Band Edge Test

■ Limit

The Band Edge Limit:

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB.

■ Setup



■ Test Procedure

1. The EUT was connected to Spectrum Analyzer and Base Station via Power Divider.
2. The band edge of low and high channels for the highest RF powers within the transmitting frequency band were measured.

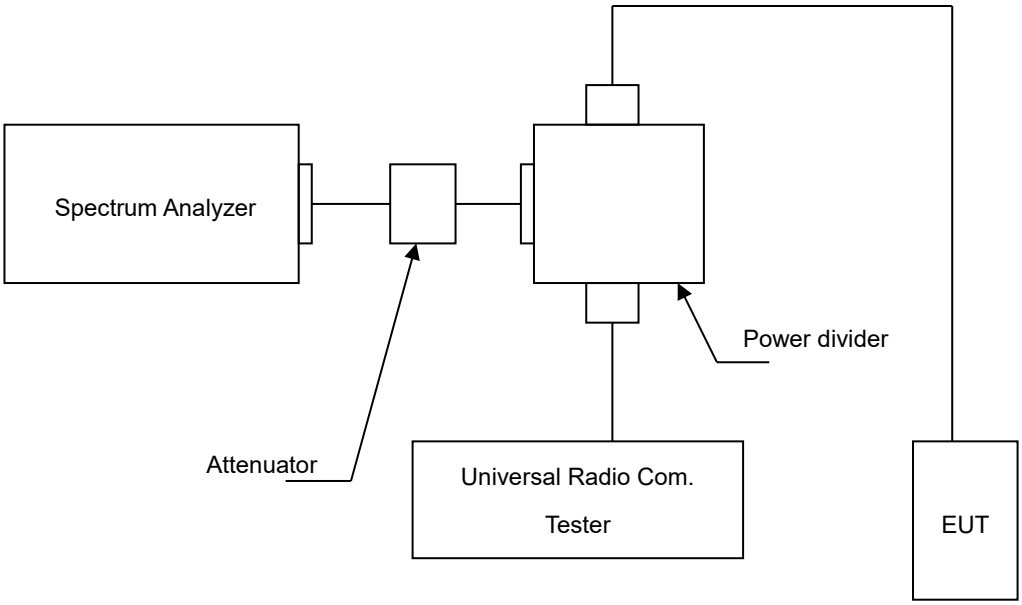
3.6. Conducted Spurious Emission Test

■ Limit

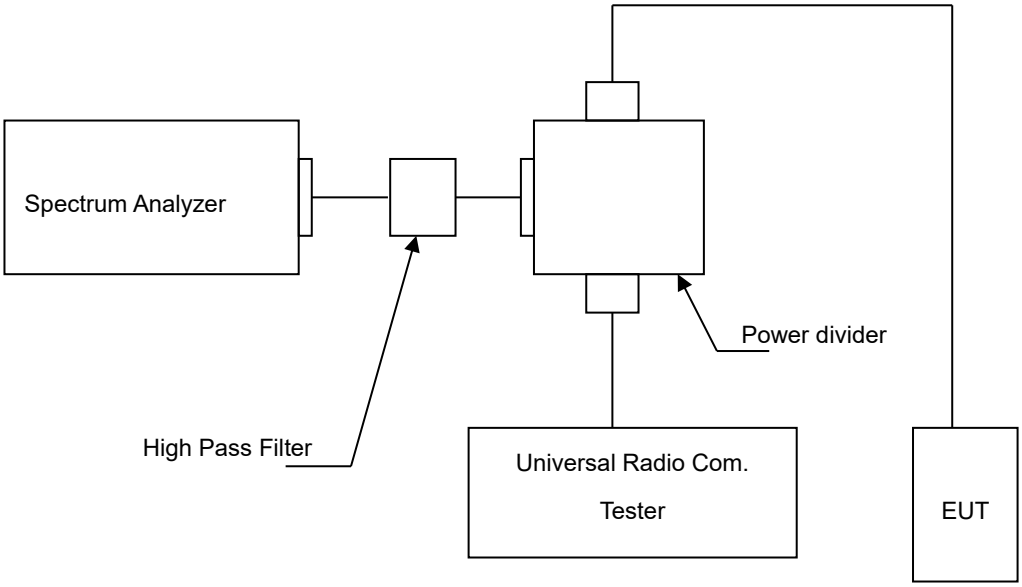
The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB.

■ Setup

Below 2.8 GHz



Above 2.8 GHz



■ Test Procedure

1. The EUT was connected to Spectrum Analyzer and Base Station via Power Divider.
2. The middle channel for the highest RF power within the transmitting frequency was measured.
3. The conducted spurious emission for the whole frequency range was taken.

3.7. Field Strength of Spurious Radiation Test

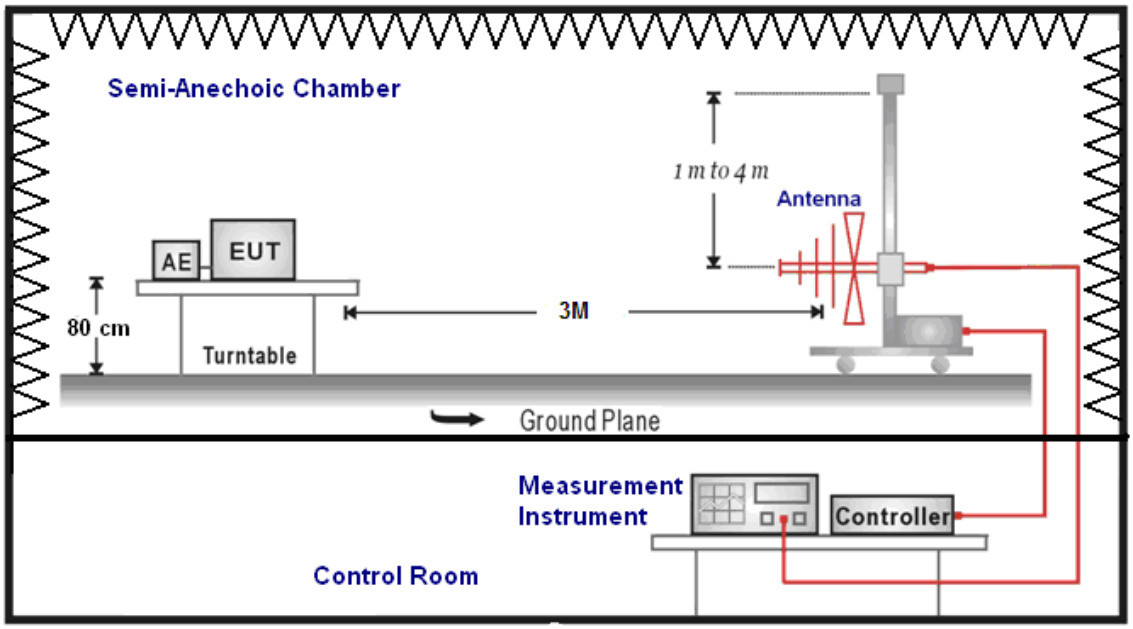
■ Limit

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB.

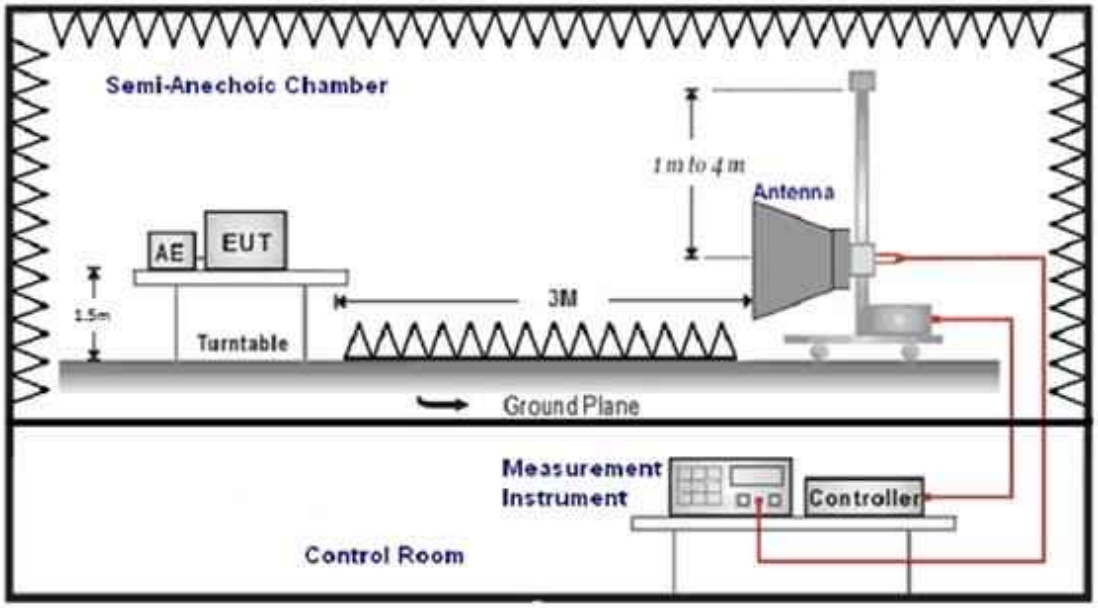
It is measured by means of a calibrated spectrum analyzer and scanned from 9 kHz up to a frequency including its 10th harmonic.

■ Setup

Below 1 GHz



Above 1 GHz


Semi-Anechoic Chamber
1 m to 4 m
Antenna
AE
EUT
1.5m
Turntable
3M
Ground Plane
Measurement
Instrument
Controller
Control Room

■ Test Procedure

a. The EUT was set up for the maximum power with WWAN link data modulation. The power was measured with Spectrum Analyzer. All measurements were done at 3 channels (low, middle and high operational frequency range).

b. E.I.R.P power measurement. In the semi-anechoic chamber, EUT placed on the 0.8 m (1.5 m for above 1 GHz) height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1 m to 4 m to find the maximum polar radiated power. The “Read Value” is the spectrum reading the maximum power value.

c. EIRP = $P_R + L_P$

Where:

EIRP equivalent (or effective) isotopically radiated power (in same units as P_R);

P_R adjusted received power level, in dBW, dBm, or psd;

L_P basic free-space propagation path loss, in dB.

d. $P_R = P_{meas} - G_R + L_C + L_{atten} - G_{amp}$

Where:

P_{meas} measured power level, in dBW, dBm or psd;

G_R gain of the receive (measurement) antenna, in dBi;

L_C signal loss in the measurement cable, in dB;

L_{atten} value of external attenuation (if used), in dB;

G_{amp} value of external amplification (if used), in dB.

e. $L_P = 20 \log F + 20 \log d - 27.5$

Where:

L_P basic free space propagation path loss, in dB;

F center frequency of radiated EUT signal, in MHz;

d measurement distance, in m.

f. E.R.P. = E.I.R.P.- 2.15 dB

g. Measurement range 9 kHz - 10th Harmonic

Note: 1. Result (dBm) = Reading (dBm) + Correct Factor (dB)

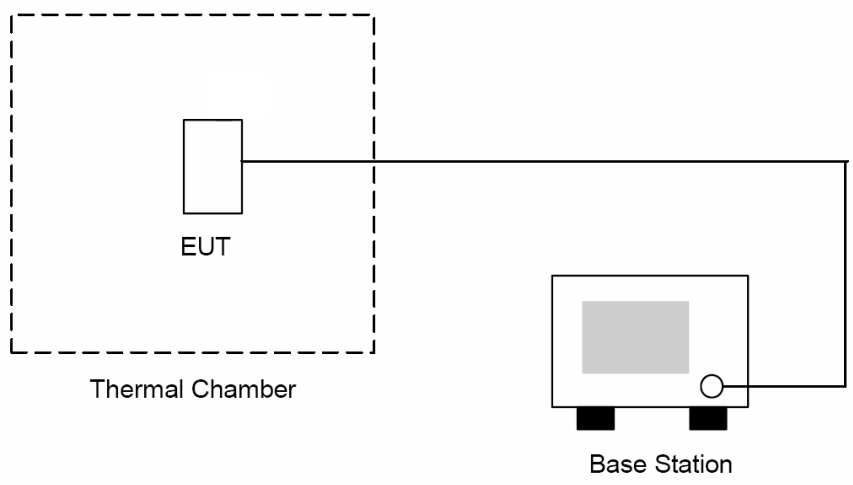
2. Correct Factor (dB) = L_P (dB) – G_R (dBi) + L_C (dB) + L_{atten} (dB) −G_{amp} (dB)

3.8. Frequency Stability (Temperature & Voltage Variation) Test

■ Limit

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 ±0.00025 % (±2.5 ppm) of the center frequency.

■ Setup



■ Test Procedure

1. The EUT and test equipment were set up as shown on the following section.
2. With all power removed, the temperature was decreased to -30 ℃ and permitted to stabilize for three hours. Power was applied and the maximum change in frequency was note within one minute.
3. With power OFF, the temperature was raised in 10 ℃ steps. The sample was permitted to stabilize at each step for at least one-half hour. Power was applied and the maximum frequency change was noted within one minute.
4. The EUT was placed in a temperature chamber at 25$\pm$5 ℃ and connected as the following section.
5. The power supply voltage to the EUT was varied from BEP to 115 % of the nominal value measured at the input to the EUT.
6. The temperature tests were performed for the worst case.
7. Test data was recorded.

4 Test Results

4.1. Conducted Output Power & Determining ERP / EIRP from conducted RF output power

Band	Modulation	Test Mode	CH		Frequency (MHz)	Source-Time Avg Conducted power (dBm)	Avg burst Conducted power (dBm)	Antenna Gain(dBi)	EIRP(dBm)	ERP(dBm)	ERP(W)
GSM 850	GMSK	1Down1Up Duty factor 1/8	Lowest	128	824.2	21.43	30.46	1.85	32.3	30.16	1.038
			Middle	190	836.6	21.56	30.59		32.4	30.29	1.069
			Highest	251	848.8	21.20	30.23		32.1	29.93	0.984
GPRS 850 Multi Class :33 Max Up:4 Max Down:5 Sum:6		4Down1Up Duty factor 1/8	Lowest	128	824.2	21.31	30.34		32.2	30.04	1.009
			Middle	190	836.6	21.41	30.44		32.3	30.14	1.033
			Highest	251	848.8	21.05	30.08		31.9	29.78	0.951
		3Down2Up Duty factor 2/8	Lowest	128	824.2	21.40	27.42		29.3	27.12	0.515
			Middle	190	836.6	21.52	27.54		29.4	27.24	0.530
			Highest	251	848.8	21.16	27.18		29.0	26.88	0.488
		2Down3Up Duty factor 3/8	Lowest	128	824.2	21.44	25.70		27.6	25.40	0.347
			Middle	190	836.6	21.57	25.83		27.7	25.53	0.357
			Highest	251	848.8	21.21	25.47		27.3	25.17	0.329
		1Down4Up Duty factor 4/8	Lowest	128	824.2	21.73	24.74		26.6	24.44	0.278
			Middle	190	836.6	21.74	24.75		26.6	24.45	0.279
			Highest	251	848.8	21.47	24.48		26.3	24.18	0.262
EGPRS 850 Multi Class :33 Max Up:4 Max Down:5 Sum:6	8PSK	4Down1Up Duty factor 1/8	Lowest	128	824.2	18.28	27.31		29.2	27.01	0.502
			Middle	190	836.6	18.33	27.36		29.2	27.06	0.508
			Highest	251	848.8	18.23	27.26		29.1	26.96	0.497
		3Down2Up Duty factor 2/8	Lowest	128	824.2	18.29	24.31		26.2	24.01	0.252
			Middle	190	836.6	18.39	24.41		26.3	24.11	0.258
			Highest	251	848.8	18.29	24.31		26.2	24.01	0.252
		2Down3Up Duty factor 3/8	Lowest	128	824.2	18.21	22.47		24.3	22.17	0.165
			Middle	190	836.6	18.25	22.51		24.4	22.21	0.166
			Highest	251	848.8	18.25	22.51		24.4	22.21	0.166
		1Down4Up Duty factor 4/8	Lowest	128	824.2	18.31	21.32		23.2	21.02	0.126
			Middle	190	836.6	18.32	21.33		23.2	21.03	0.127
			Highest	251	848.8	18.26	21.27		23.1	20.97	0.125

Band	Test Mode	Test Mode	CH		Frequency (MHz)	Source-Time Avg Conducted power (dBm)	Avg burst Conducted power (dBm)	Antenna Gain(dBi)	EIRP(dBm)	ERP(dBm)	EIRP(W)
PCS 1900	GMSK	1Down1Up Duty factor 1/8	Lowest	512	1850.2	20.88	29.91	-2.31	27.6	25.5	0.575
			Middle	661	1880.0	20.86	29.89		27.6	25.4	0.573
			Highest	810	1909.8	20.76	29.79		27.5	25.3	0.560
GPRS 1900 Multi Class :33 Max Up:4 Max Down:5 Sum:6		4Down1Up Duty factor 1/8	Lowest	512	1850.2	20.41	29.44		27.1	25.0	0.516
			Middle	661	1880.0	20.20	29.23		26.9	24.8	0.492
			Highest	810	1909.8	20.26	29.29		27.0	24.8	0.499
		3Down2Up Duty factor 2/8	Lowest	512	1850.2	20.30	26.32		24.0	21.9	0.252
			Middle	661	1880.0	20.07	26.09		23.8	21.6	0.239
			Highest	810	1909.8	20.15	26.17		23.9	21.7	0.243
		2Down3Up Duty factor 3/8	Lowest	512	1850.2	21.20	25.46		23.2	21.0	0.207
			Middle	661	1880.0	21.09	25.35		23.0	20.9	0.201
			Highest	810	1909.8	21.10	25.36		23.1	20.9	0.202
		1Down4Up Duty factor 4/8	Lowest	512	1850.2	21.06	24.07		21.8	19.6	0.150
			Middle	661	1880.0	20.84	23.85		21.5	19.4	0.143
			Highest	810	1909.8	20.91	23.92		21.6	19.5	0.145
EGPRS 1900 Multi Class :33 Max Up:4 Max Down:5 Sum:6	8PSK	4Down1Up Duty factor 1/8	Lowest	512	1850.2	16.94	25.97		23.7	21.5	0.232
			Middle	661	1880.0	17.07	26.10		23.8	21.6	0.239
			Highest	810	1909.8	16.92	25.95		23.6	21.5	0.231
		3Down2Up Duty factor 2/8	Lowest	512	1850.2	16.97	22.99		20.7	18.5	0.117
			Middle	661	1880.0	17.15	23.17		20.9	18.7	0.122
			Highest	810	1909.8	17.53	23.55		21.2	19.1	0.133
		2Down3Up Duty factor 3/8	Lowest	512	1850.2	17.52	21.78		19.5	17.3	0.089
			Middle	661	1880.0	17.53	21.79		19.5	17.3	0.089
			Highest	810	1909.8	17.59	21.85		19.5	17.4	0.090
		1Down4Up Duty factor 4/8	Lowest	512	1850.2	17.77	20.78		18.5	16.3	0.070
			Middle	661	1880.0	17.10	20.11		17.8	15.7	0.060
			Highest	810	1909.8	16.95	19.96		17.7	15.5	0.058

4.2. Peak to Average Power Ratio

Reference Appendix A

4.3. Emission Bandwidth & Occupied Bandwidth

Reference Appendix A

4.4. Band Edge Measurement

Reference Appendix A

4.5. Conducted Spurious Emission

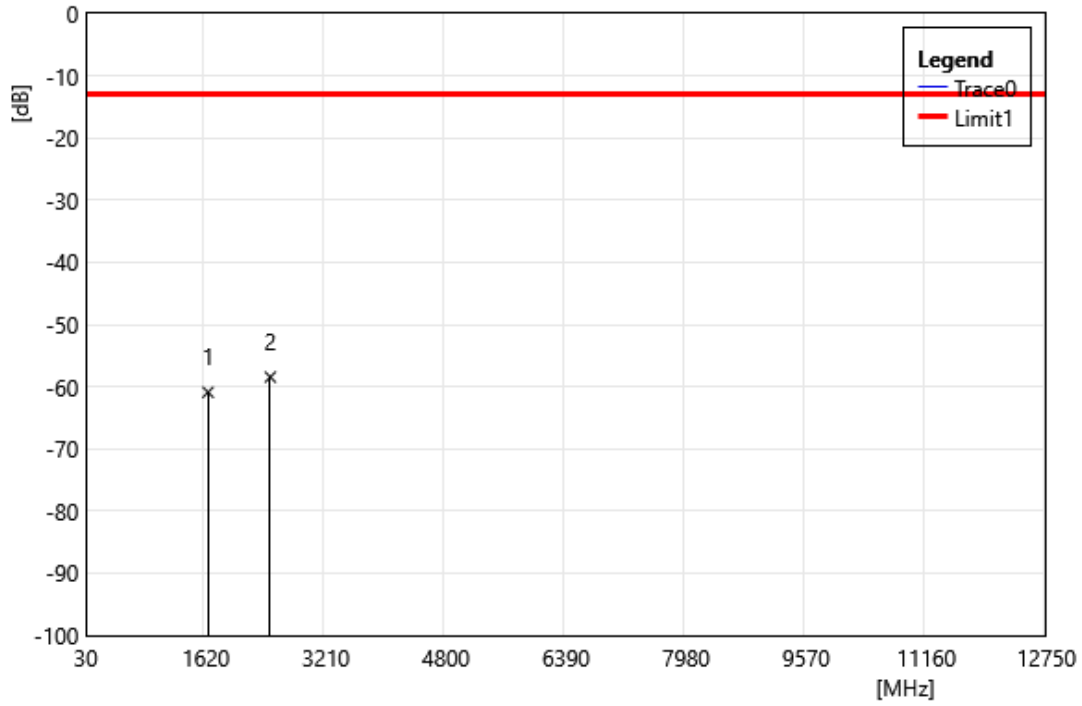
Reference Appendix A

4.6. Frequency Stability for Temperature & Voltage

Reference Appendix A

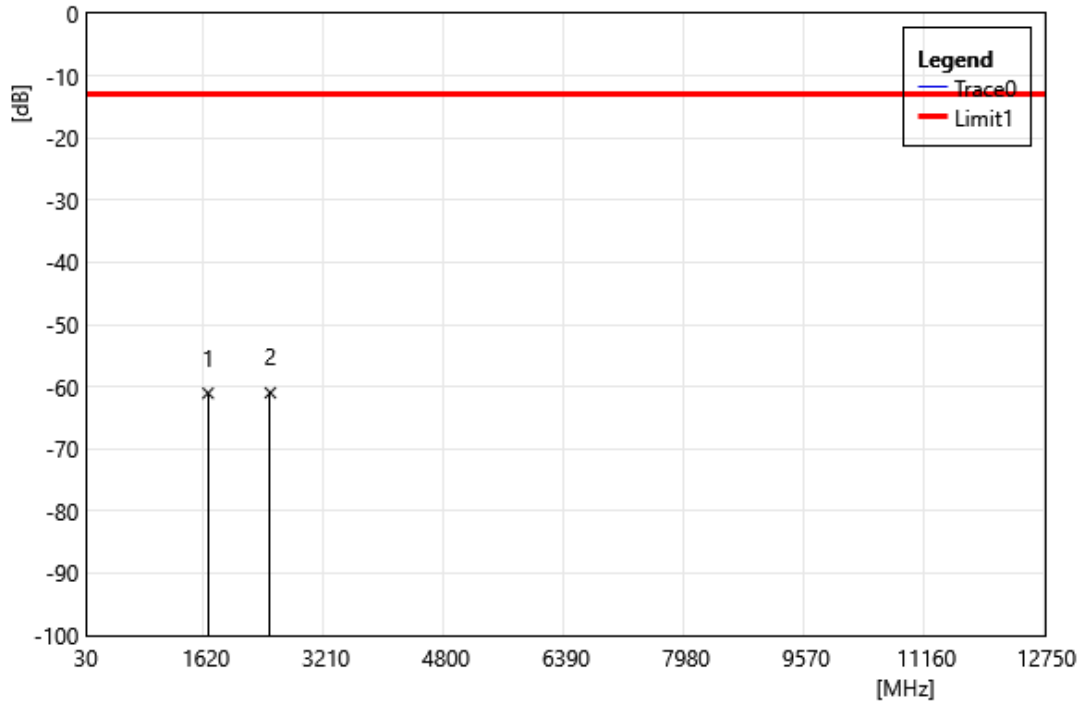
4.7. Field Strength of Spurious Radiation

Test Site:	966 Chamber	Standard:	FCC_P22.24.27_other
Test Mode:	2G_GSM_850_CH128		
Polarization:	Vertical		
Remark:			



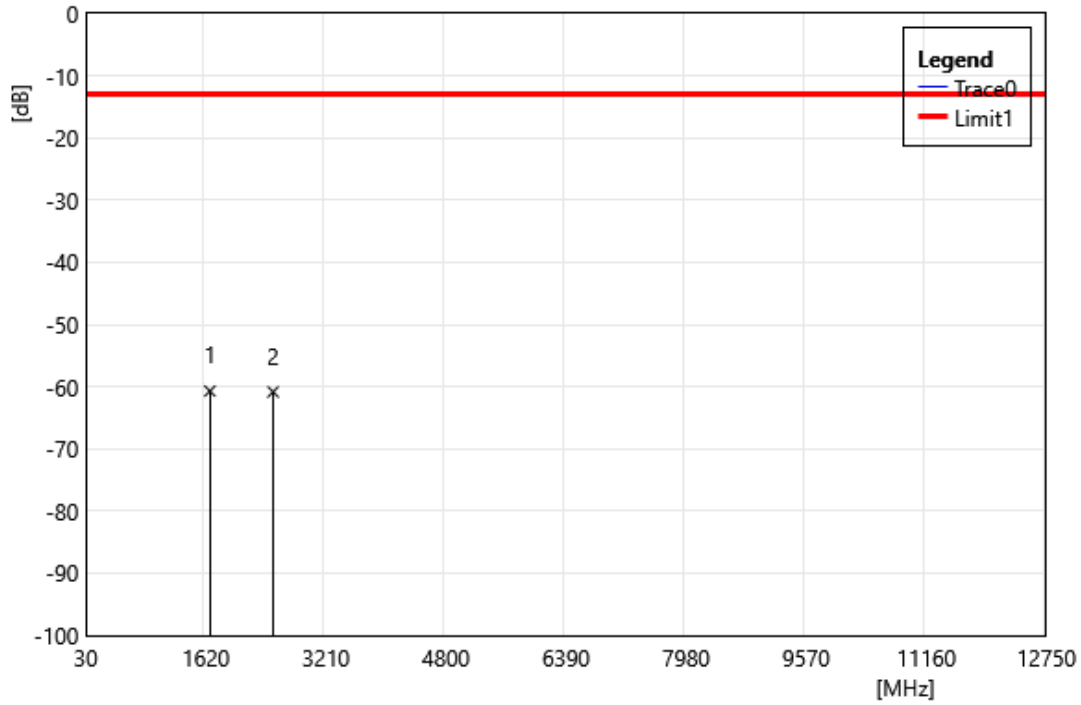
ID	Frequency MHz	Reading dBm	Correct Factor dB/m	Result dBm	Limit dBm	Margin dB	Remark
1	1648.40	-62.44	1.54	-60.90	-13.00	-47.90	PEAK
2	2472.60	-62.31	3.86	-58.45	-13.00	-45.45	PEAK

Test Site:	966 Chamber	Standard:	FCC_P22.24.27_other
Test Mode:	2G_GSM_850_CH128		
Polarization:	Horizontal		
Remark:			



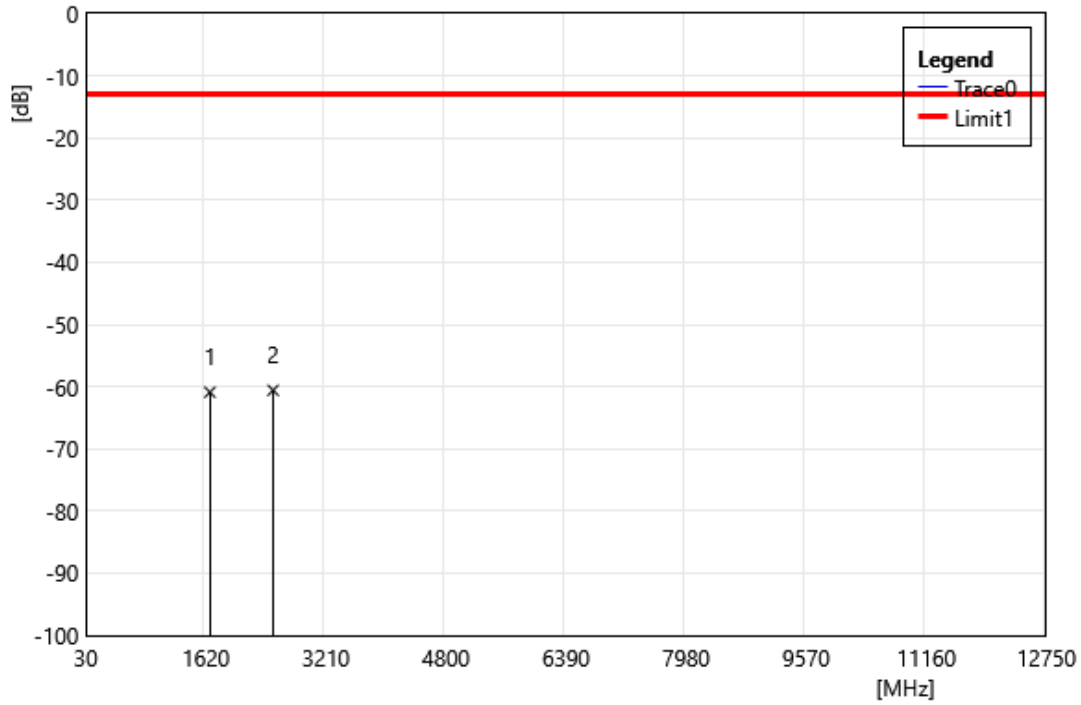
ID	Frequency MHz	Reading dBm	Correct Factor dB/m	Result dBm	Limit dBm	Margin dB	Remark
1	1648.40	-62.59	1.54	-61.05	-13.00	-48.05	PEAK
2	2472.60	-64.84	3.86	-60.98	-13.00	-47.98	PEAK

Test Site:	966 Chamber	Standard:	FCC_P22.24.27_other
Test Mode:	2G_GSM_850_CH190		
Polarization:	Vertical		
Remark:			



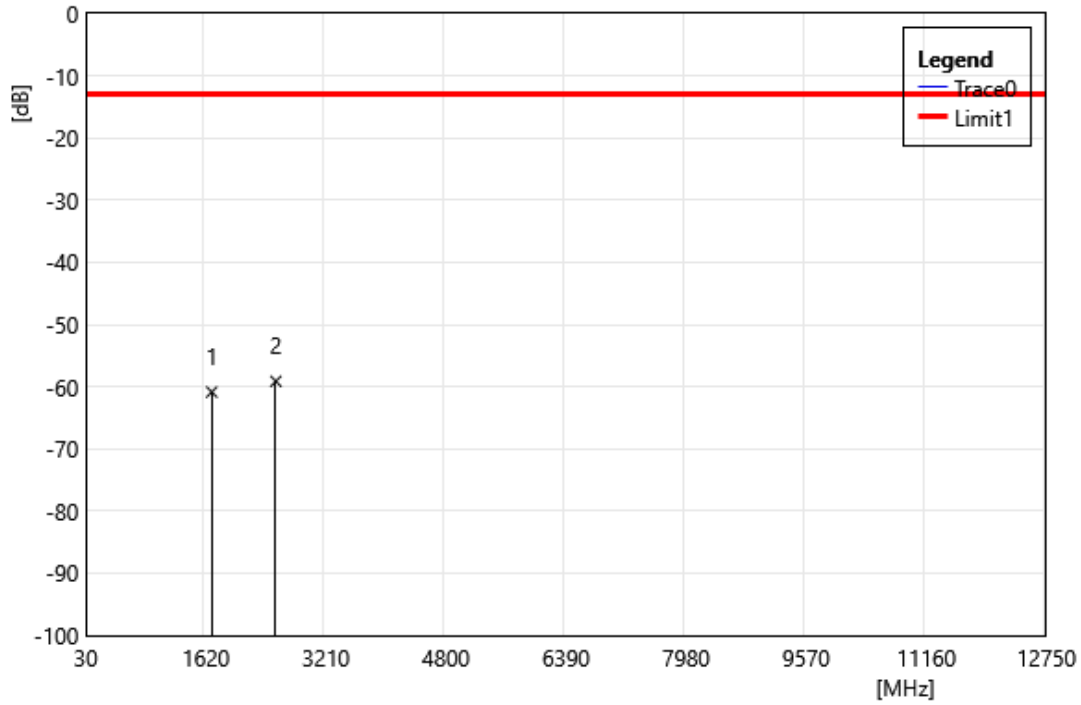
ID	Frequency MHz	Reading dBm	Correct Factor dB/m	Result dBm	Limit dBm	Margin dB	Remark
1	1673.20	-62.30	1.61	-60.69	-13.00	-47.69	PEAK
2	2509.80	-64.82	3.97	-60.85	-13.00	-47.85	PEAK

Test Site:	966 Chamber	Standard:	FCC_P22.24.27_other
Test Mode:	2G_GSM_850_CH190		
Polarization:	Horizontal		
Remark:			



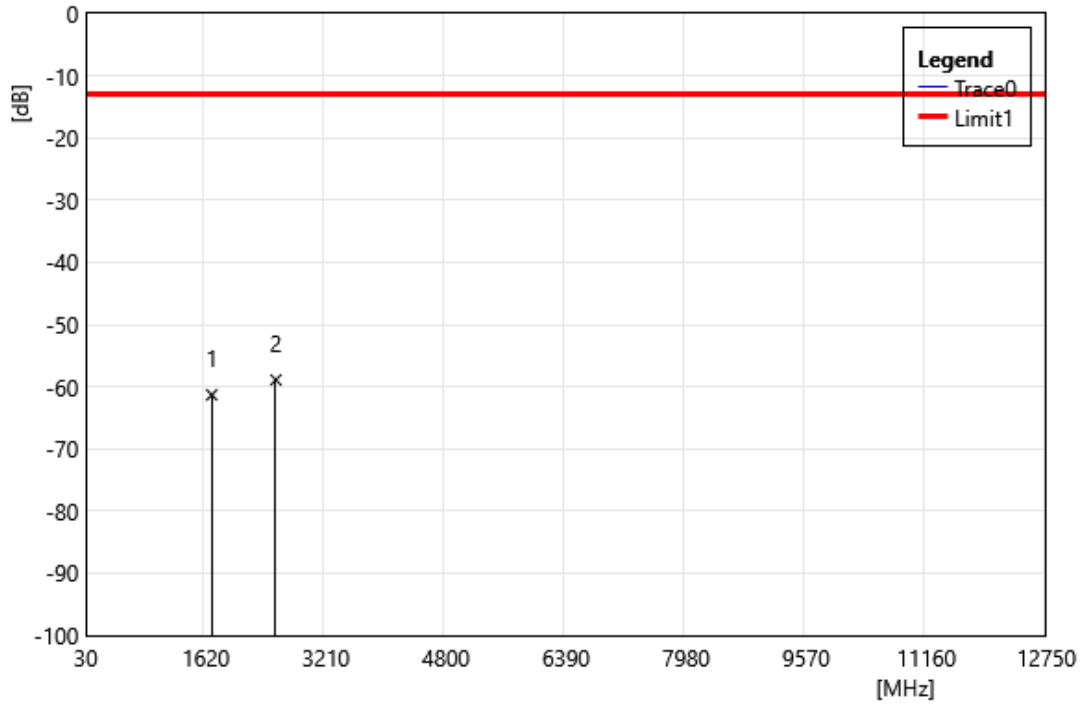
ID	Frequency MHz	Reading dBm	Correct Factor dB/m	Result dBm	Limit dBm	Margin dB	Remark
1	1673.20	-62.49	1.61	-60.88	-13.00	-47.88	PEAK
2	2509.80	-64.55	3.97	-60.58	-13.00	-47.58	PEAK

Test Site:	966 Chamber	Standard:	FCC_P22.24.27_other
Test Mode:	2G_GSM_850_CH251		
Polarization:	Vertical		
Remark:			



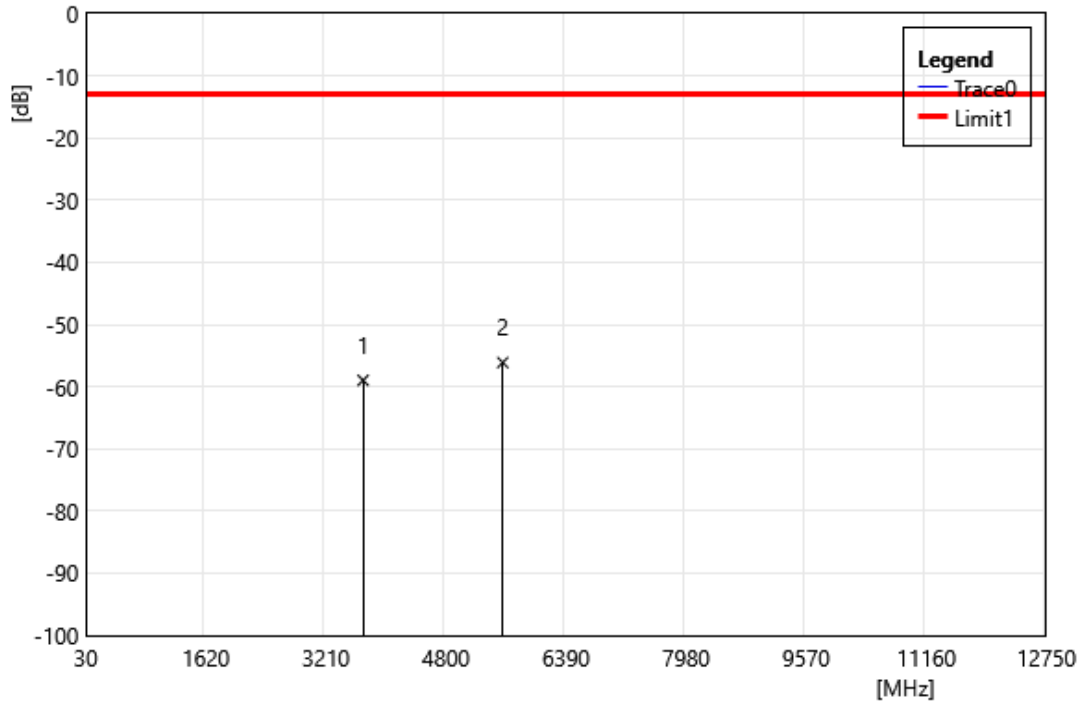
ID	Frequency MHz	Reading dBm	Correct Factor dB/m	Result dBm	Limit dBm	Margin dB	Remark
1	1697.60	-62.54	1.67	-60.87	-13.00	-47.87	PEAK
2	2546.40	-63.24	4.11	-59.13	-13.00	-46.13	PEAK

Test Site:	966 Chamber	Standard:	FCC_P22.24.27_other
Test Mode:	2G_GSM_850_CH251		
Polarization:	Horizontal		
Remark:			



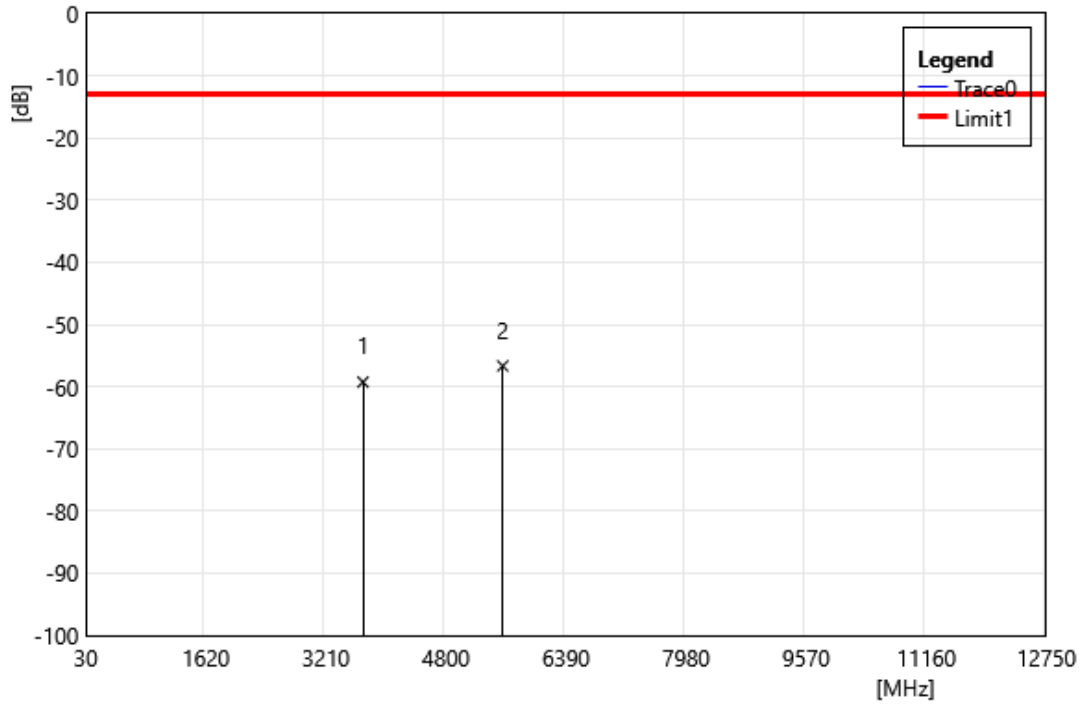
ID	Frequency MHz	Reading dBm	Correct Factor dB/m	Result dBm	Limit dBm	Margin dB	Remark
1	1697.60	-62.99	1.67	-61.32	-13.00	-48.32	PEAK
2	2546.40	-63.01	4.11	-58.90	-13.00	-45.90	PEAK

Test Site:	966 Chamber	Standard:	FCC_P22.24.27_other
Test Mode:	2G_GSM_1900_CH512		
Polarization:	Vertical		
Remark:			



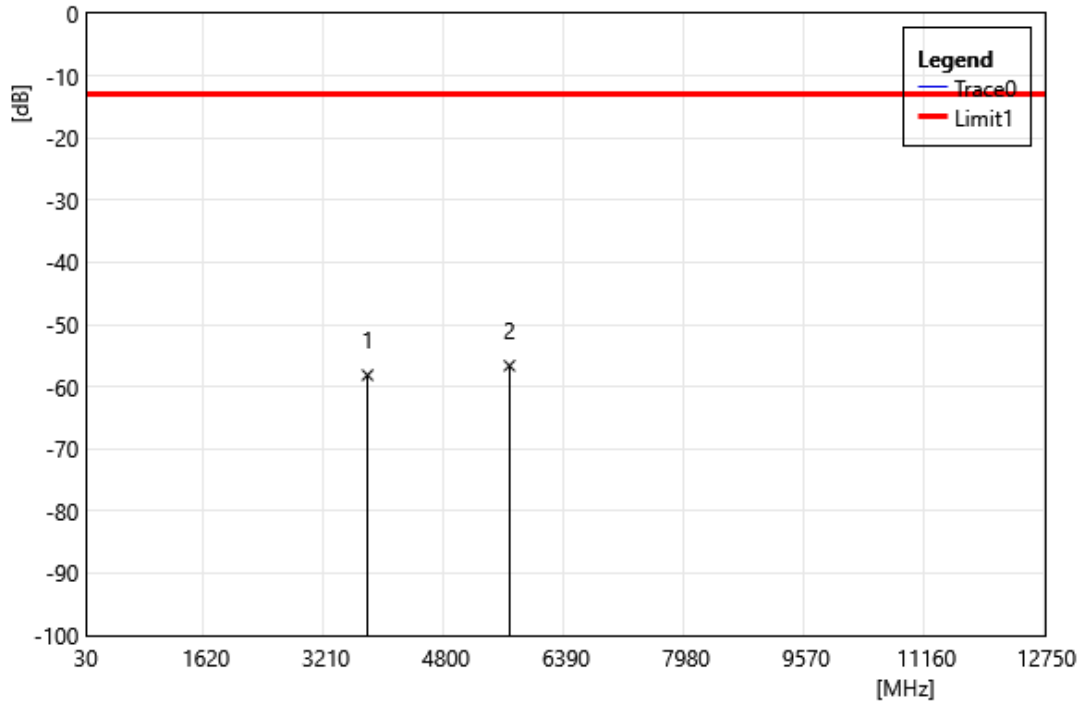
ID	Frequency MHz	Reading dBm	Correct Factor dB/m	Result dBm	Limit dBm	Margin dB	Remark
1	3700.40	-65.75	6.78	-58.97	-13.00	-45.97	PEAK
2	5550.60	-67.75	11.63	-56.12	-13.00	-43.12	PEAK

Test Site:	966 Chamber	Standard:	FCC_P22.24.27_other
Test Mode:	2G_GSM_1900_CH512		
Polarization:	Horizontal		
Remark:			



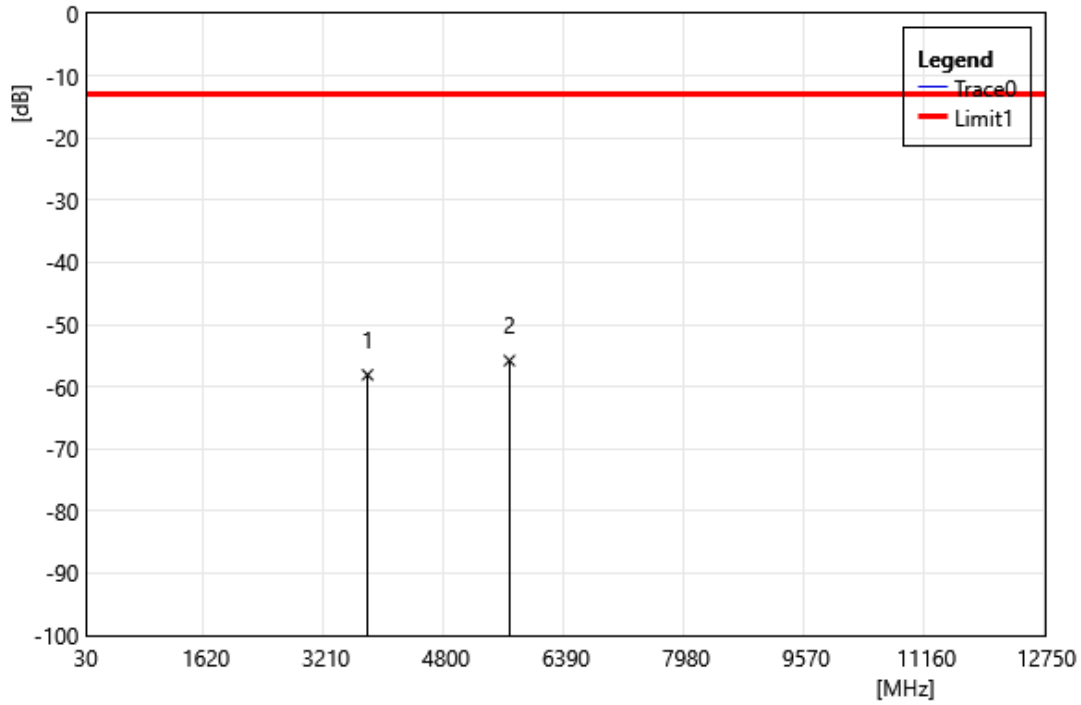
ID	Frequency MHz	Reading dBm	Correct Factor dB/m	Result dBm	Limit dBm	Margin dB	Remark
1	3700.40	-66.03	6.78	-59.25	-13.00	-46.25	PEAK
2	5550.60	-68.28	11.63	-56.65	-13.00	-43.65	PEAK

Test Site:	966 Chamber	Standard:	FCC_P22.24.27_other
Test Mode:	2G_GSM_1900_CH661		
Polarization:	Vertical		
Remark:			



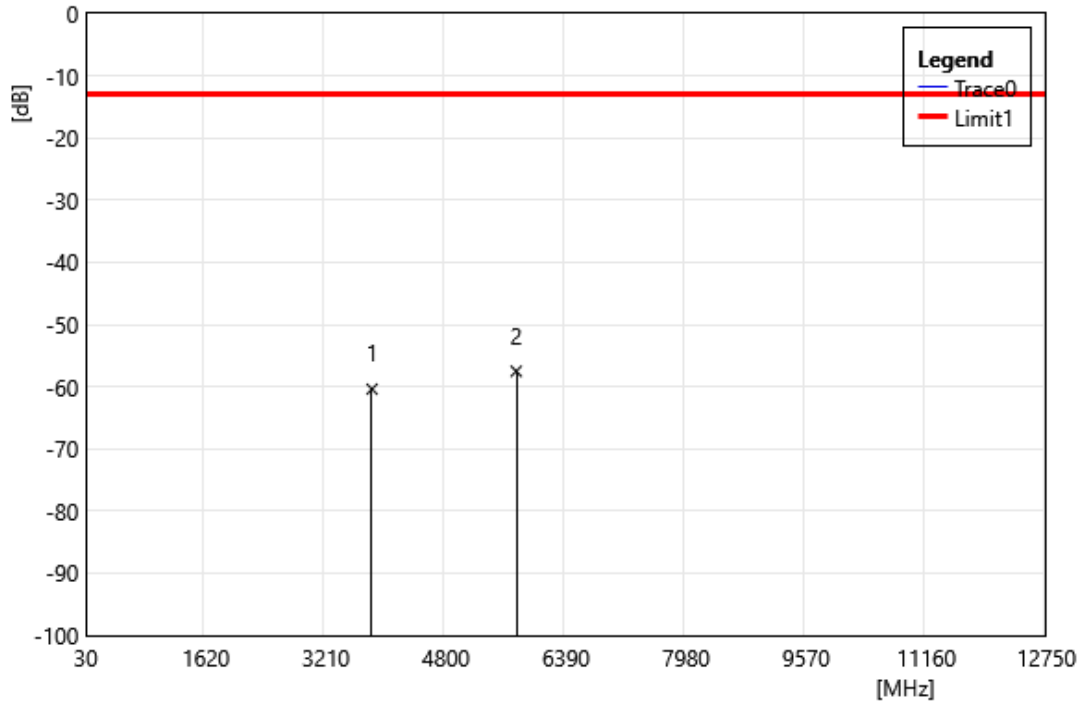
ID	Frequency MHz	Reading dBm	Correct Factor dB/m	Result dBm	Limit dBm	Margin dB	Remark
1	3760.00	-65.10	6.96	-58.14	-13.00	-45.14	PEAK
2	5640.00	-68.50	11.87	-56.63	-13.00	-43.63	PEAK

Test Site:	966 Chamber	Standard:	FCC_P22.24.27_other
Test Mode:	2G_GSM_1900_CH661		
Polarization:	Horizontal		
Remark:			



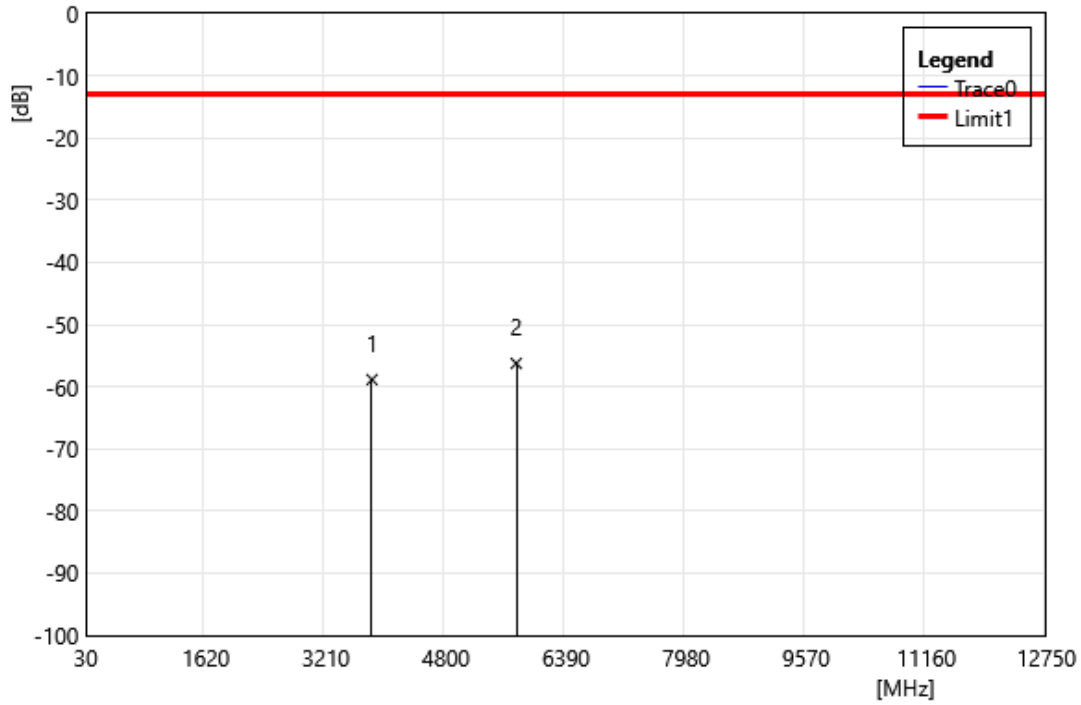
ID	Frequency MHz	Reading dBm	Correct Factor dB/m	Result dBm	Limit dBm	Margin dB	Remark
1	3760.00	-65.05	6.96	-58.09	-13.00	-45.09	PEAK
2	5640.00	-67.68	11.87	-55.81	-13.00	-42.81	PEAK

Test Site:	966 Chamber	Standard:	FCC_P22.24.27_other
Test Mode:	2G_GSM_1900_CH810		
Polarization:	Vertical		
Remark:			



ID	Frequency MHz	Reading dBm	Correct Factor dB/m	Result dBm	Limit dBm	Margin dB	Remark
1	3819.60	-67.53	7.14	-60.39	-13.00	-47.39	PEAK
2	5729.40	-69.62	12.11	-57.51	-13.00	-44.51	PEAK

Test Site:	966 Chamber	Standard:	FCC_P22.24.27_other
Test Mode:	2G_GSM_1900_CH810		
Polarization:	Horizontal		
Remark:			



ID	Frequency MHz	Reading dBm	Correct Factor dB/m	Result dBm	Limit dBm	Margin dB	Remark
1	3819.60	-66.00	7.14	-58.86	-13.00	-45.86	PEAK
2	5729.40	-68.36	12.11	-56.25	-13.00	-43.25	PEAK

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