Test Report No:
2430723R-RFUSV22S-A

TEST REPORT
FCC Rules&Regulations

Product Name	Handheld Tablet
Brand Name	Toast Inc.
Model No.	TG310
FCC ID	2AMNG-TG310
Applicant´s Name / Address	Toast, Incorporated 333 Summer St, Boston, Massachusetts, United States 02210
Manufacturer's Name / Address	Toast, Incorporated 333 Summer St, Boston, Massachusetts, United States 02210
Test Method Requested, Standard	FCC CFR Title 47 Part 22 Subpart H FCC CFR Title 47 Part 24 Subpart E FCC CFR Title 47 Part 27 Subpart L ANSI/TIA-603-E-2016 ANSI C63.26-2015
Verdict Summary	IN COMPLIANCE
Documented By	Vera Hsu Vera Hsu
Approved By	Allen Lin Allen Lin
Date of Receipt	Mar. 22, 2024
Date of Issue	Apr. 07, 2025
Report Version	V1.0

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Competences and Guarantees

DEKRA is a testing laboratory competent to carry out the tests described in this report.
In order to assure the traceability to other national and international laboratories, DEKRA has a calibration and maintenance program for its measurement equipment.

DEKRA guarantees the reliability of the data presented in this report, which is the result of the measurements and the tests performed to the item under test on the date and under the conditions stated in the report and it is based on the knowledge and technical facilities available at DEKRA at the time of performance of the test.

DEKRA is liable to the client for the maintenance of the confidentiality of all information related to the item under test and the results of the test.

The results presented in this Test Report apply only to the particular item under test established in this document.

General Conditions

1. The test results relate only to the samples tested.
2. The test results shown in the test report are traceable to the national/international standard through the calibration report of the equipment and evaluated measurement uncertainty herein.
3. This report must not be used to claim product endorsement by TAF or any agency of the government.
4. The test report shall not be reproduced without the written approval of DEKRA Testing and Certification Co., Ltd.
5. Measurement uncertainties evaluated for each testing system and associated connections are given here to provide the system information for reference. Compliance determinations do not take into account measurement uncertainties for each testing system, but are based on the results of the compliance measurement.

Revision History

Version	Description	Issued Date
V1.0	Initial issue of report	Apr. 07, 2025

Summary of Test Result

Report Clause	Test Items	Band	Ref Std. Clause	Limit	Result (PASS/FAIL)	Remark
3	RF Output Power	2	§2.1033 §2.1046 §24.232	< 2 Watts	PASS	-
		4	§2.1033 §2.1046 §27.50	< 1 Watts	PASS	-
		5	§2.1033 §2.1046 §22.913	< 7 Watts ERP	PASS	-
4	Occupied Bandwidth	2, 4, 5	§2.1049	N/A	PASS	-
5	Peak to Average Power Ratio	2	§24.232	≦ 13 dB	PASS	-
		4	§27.50	≦ 13 dB	PASS	-
		5	§22.913	≦ 13 dB	PASS	-
6	Spurious Emission	2	§2.1053 §24.238	< -13 dBm	PASS	-
		4	§27.53	< -13 dBm	PASS	-
		5	§22.917	< -13 dBm	PASS	-
7	Conducted Band Edge	2	§24.238	< -13 dBm	PASS	-
		4	§2.1053 §27.53	< -13 dBm	PASS	-
		5	§2.1053 §22.917	< -13 dBm	PASS	-
8	Frequency Stability	2	§2.1055 §24.235	± 2.5 ppm	PASS	-
		4	§2.1055 §27.54	± 2.5 ppm	PASS	-
		5	§2.1055 §22.335	± 2.5 ppm	PASS	-

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.

Comments and Remarks

The product specification and testing instructions for the EUT declared in the report are provided by the manufacturer who will take all responsibilities for the accuracy.

1. General Information

1.1. EUT Description

Frequency Range	WCDMA Band 2	1850~1910 MHz (Uplink) 1930~1990 MHz (Downlink)
	WCDMA Band 4	1710~1755 MHz (Uplink) 2110~2115 (Downlink)
	WCDMA Band 5	824~849 MHz (Uplink) 869~894 MHz (Downlink)
Function	RMC / HSDPA / DC-HSDPA / HSUPA / HSPA+	
Type of Modulation	QPSK / 16QAM / 64QAM	
IMEI No.	866226061130153	

Accessories Information					
No.	Equipment Name	Brand Name	Model No.	Rating	Remark
1	Power Adaptor	Toast Inc.	FC015A05-050030U	INPUT: 100~240Vac, 50/60Hz, 0.5A OUTPUT: 5Vdc, 3A, 15W	Type-C Interface
No.	Equipment Name	Description			
2	Cable	Shielded, 0.8m			
3	Li-ion polymer Battery Pack	3.8V, 5200mAh			

Antenna Information					
Ant.	Brand Name	Model No.	Type	Gain (dBi)	Remark
1	Advanced Wireless & Antenna INC.	ALF00-000026B	Monopole	WCDMA B2: 0.35 WCDMA B4: 0.19 WCDMA B5: -5.37	TX/RX
2	Advanced Wireless & Antenna INC.	ALF00-000027B	Monopole	WCDMA B2: -0.94 WCDMA B4: -0.83 WCDMA B5: -4.91	RX only

1.2. EUT Information

EUT Power Type	From Adapter / Host system
Hardware Version	Rev1.04
Software Version	1.06.01

1.3. Testing Applied Standards

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

- FCC CFR Title 47 Part 22 Subpart H
- FCC CFR Title 47 Part 24 Subpart E
- FCC CFR Title 47 Part 27 Subpart L
- FCC CFR Title 47 Part 2
- ANSI/TIA-603-E (2016)
- ANSI C63.26-2015
- FCC KDB 971168 D01 v03r01

The following reference test guidance is not within the scope of accreditation of TAF.

- FCC KDB 412172 D01 v01r01
- FCC KDB 414788 D01 v01r01

Remark: All test items were verified and recorded according to the standards and without any deviation during the test.

1.4. Testing Location Information

Testing Location Information		
Test Laboratory：DEKRA Testing and Certification Co., Ltd.		
	1 (TAF: 3024)	ADD: No.372-2, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County 31061, Taiwan, R.O.C. TEL: +886-3-582-8001 FAX: +886-3-582-8958 Test site Designation No. TW3024 with FCC. Conformity Assessment Body Identifier (CABID) TW3024 with ISED.
	2 (TAF: 3024)	ADD: No.372, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County 31061, Taiwan, R.O.C. TEL: +886-3-582-8001 FAX: +886-3-582-8958 Test site Designation No. TW3024 with FCC. Conformity Assessment Body Identifier (CABID) TW3024 with ISED.
Test site number for address 1 includes HC-SR02 and HC-CB10. Test site number for address 2 includes HC-CB02, HC-CB03, HC-CB04, HC-SR10 and HC-SR12.		

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted Emission	HC-SR12	Max Chang	21~23 / 60~63	2024/12/16~2024/12/19
Radiated Emission	HC-CB02	Scott Chang	20 / 64	2024/12/10~2025/02/12

1.5. Measurement Uncertainty

Uncertainties have been calculated according to the DEKRA internal document with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2).

Test Item	Uncertainty
RF Output Power	± 1.16 dB
Occupied Bandwidth	± 217.9 Hz
Peak to Average Power Ratio	± 2.47 dB
Conducted Band Edge	± 2.47 dB
Spurious Emissions	± 3.52 dB below 1 GHz ± 3.56 dB above 1 GHz
Frequency Stability	± 217.9 Hz

1.6. List of Test Equipment

HC-SR12

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Cal. Date	Next Cal. Date
Signal & Spectrum Analyzer	R&S	FSV40	101869	10Hz-40GHz	2024/06/20	2025/06/19
Wideband Radio Communication Tester	R&S	CMW500	106071	LTE 4G	2024/01/25	2025/01/24

HC-CB02

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Cal. Date	Next Cal. Date
Signal Analyzer	R&S	FSVA40	101455	10 Hz-40 GHz	2024/10/04	2025/10/03
Trilog Broadband Antenna	Schwarzbeck	VULB 9168	1272	30 MHz-2 GHz	2024/04/29	2025/04/28
Double Ridged Horn Antenna	RF SPIN	DRH18-E	211211A18EN	1G-18GHz	2024/11/08	2025/11/07
Pre-Amplifier	EMCI	EMC01820I	980365	30M-8 GHz,20 dB	2024/04/02	2025/04/01
Pre-Amplifier	EMEC	EM01G18GA	060741	1G-18 GHz,50 dB	2024/04/23	2025/04/22
Magnetic Loop Antenna	Teseq	HLA 6121	44287	0.01-30 MHz	2024/10/17	2025/10/16
Band Reject Filter	Micro-Tronics	BRM50702	G258	rej 2400-2500 MHz	2024/04/29	2026/04/28
Band Reject Filter	Micro-Tronics	BRM50716	G068	rej 5150-5880 MHz	2024/01/26	2026/01/25
Band Reject Filter	Micro-Tronics	BRM50716	G068	rej 5150-5880 MHz	2024/01/26	2026/01/25

Note: All equipment upon which need to calibrated are with calibration period of 1 year.

2. Test Configuration of EUT

2.1. Test Condition

EUT Operational Condition			
For Frequency Stability test:			
Testing Voltage	Vnom (DC 3.8V)	Vmax (DC 4.37V)	Vmin (DC 3.23V)
Operational Climatic	Tnom (25℃)	Tmax (50℃)	Tmin (-10℃)
For other test items:			
Testing Voltage	Vnom (AC 120V/60Hz)		
Operational Climatic	Tnom (25℃)		

2.2. The Worst Case Measurement Configuration

Test Mode	Mode 1: WCDMA Band 2 Mode 2: WCDMA Band 4 Mode 3: WCDMA Band 5

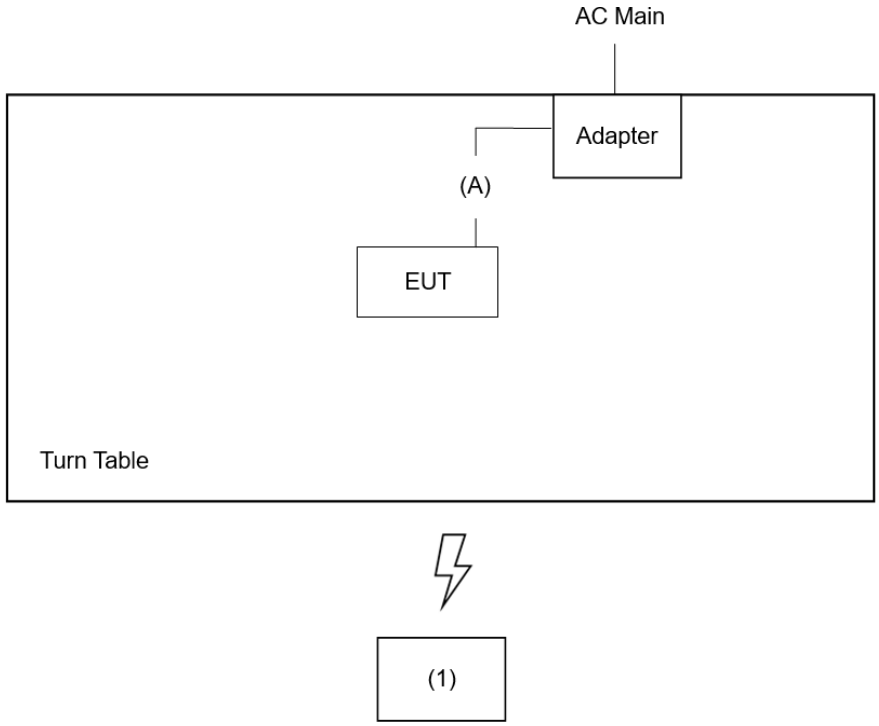
Note:
1. Determining compliance shall be based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.
2. The device was tested under all bandwidths, RB configurations and modulations, and the worst case was found in QPSK modulation and show in “Conducted Band Edge” & “Spurious Emission”.
3. The EUT was performed at X axis, Y axis and Z axis position for radiated spurious emission test. The worst case was found at X axis, so the measurement will follow this same test configuration.

2.3. Tested System Details

No.	Equipment	Brand Name	Model No.	Serial No.
1	Base Station	R&S	CMW500	106071

2.4. Configuration of Tested System

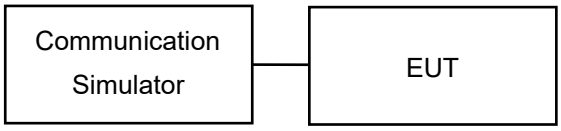
Connection Diagram



Signal Cable Type		Signal cable Description
A	Cable	Shielded, 0.8m

3. RF Output Power

3.1. Test Setup



3.2. Test Procedure

The EUT makes a call to the communication simulator. The communication simulator station system controlled a EUT to export maximum conducted RF output power under transmission mode and specific channel frequency. The relevant equation for determining the ERP or EIRP from the conducted RF output power measured using the guidance provided above is:

$$ERP \text{ or } EIRP = P_{Meas} + G_T - L_C$$

where:

ERP or EIRP = effective radiated power or equivalent isotropically radiated power, respectively (expressed in the same units as PMeas, typically dBW or dBm);

P_{Meas} = measured transmitter output power or PSD, in dBm or dBW;

G_T = gain of the transmitting antenna, in dBd (ERP) or dBi (EIRP);

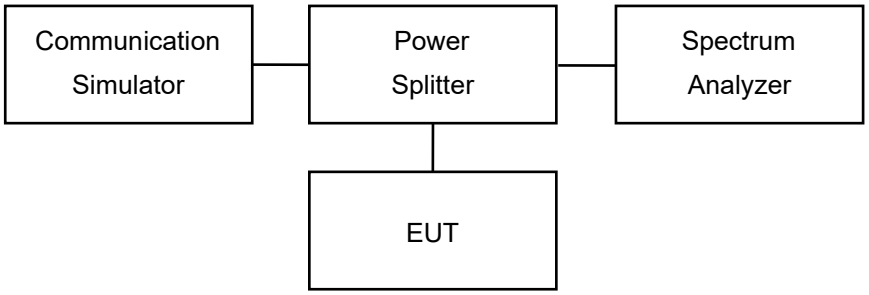
L_C = signal attenuation in the connecting cable between the transmitter and antenna, in dB

3.3. Test Result of RF Output Power

Refer as Appendix A

4. Occupied Bandwidth

4.1. Test Setup



4.2. Test Procedures

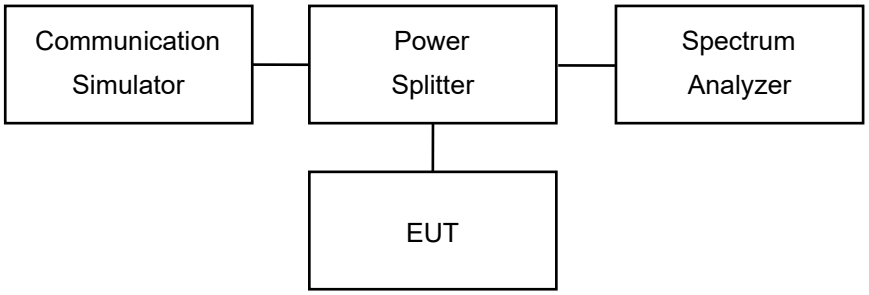
The EUT makes a call to the communication simulator. The 26dB bandwidth and 99% occupied bandwidth measurements were done at low, middle and high operational frequency range. The communication simulator station system controlled a EUT to export maximum output power under transmission mode and specific channel frequency. The path loss was compensated to the results for each measurement.

4.3. Test Result of Occupied Bandwidth

Refer as Appendix B

5. Peak to Average Power Ratio

5.1. Test Setup



5.2. Test Procedure

1. The EUT makes a call to the communication simulator. The communication simulator station system controlled a EUT to export maximum output power under transmission mode and specific channel frequency. The path loss was compensated to the results for each measurement.
2. Set resolution/measurement bandwidth ≥ signal's occupied bandwidth.
3. Set the number of counts to a value that stabilizes the measured CCDF curve.
4. Record the maximum PAPR level associated with a probability of 0.1 %.

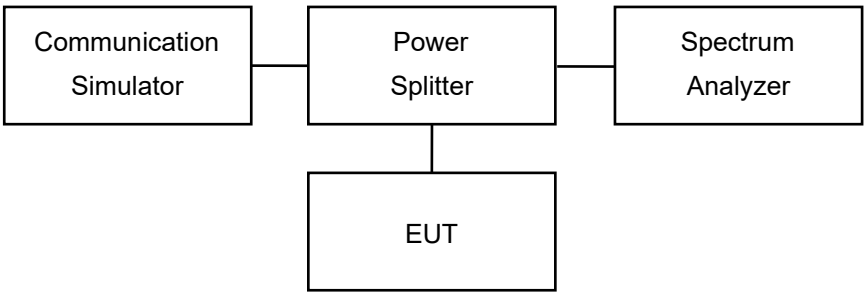
5.3. Test Result of Peak to Average Power Ratio

Refer as Appendix C

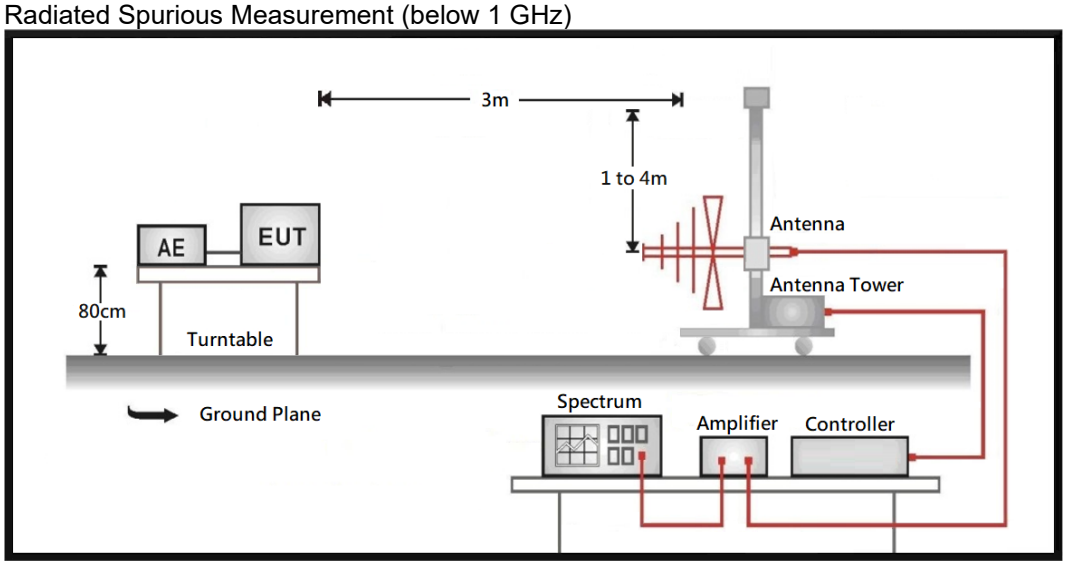
6. Spurious Emission

6.1. Test Setup

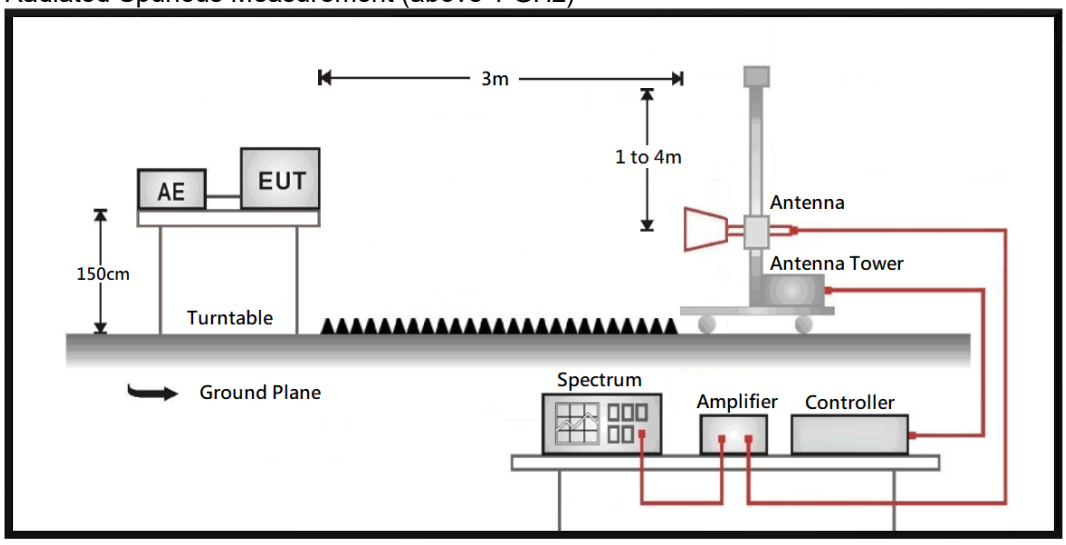
Conducted Spurious Measurement



Radiated Spurious Measurement (below 1 GHz)



Radiated Spurious Measurement (above 1 GHz)



6.2. Test Procedure

Conducted Spurious Measurement:

The EUT makes a call to the communication simulator. The communication simulator station system controlled a EUT to export maximum output power under transmission mode and specific channel frequency. The path loss was compensated to the results for each measurement. The resolution bandwidth of the spectrum analyzer was set at 1 MHz, sufficient scans were taken to show the out of band Emission if any up to 10^{th} harmonic.

Radiated Spurious Measurement:

The EUT and its simulators are placed on a turn table which is 0.8 or 1.5 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The height of the receiving antenna is varied between one meter and four meters to search the maximum spurious emission for both horizontal and vertical polarizations. The resolution bandwidth of the spectrum analyzer was set at 1 MHz, sufficient scans were taken to show the out of band Emission if any up to 10th harmonic. Taking the record of maximum spurious emission.

6.3. Test Methodology and Reference Procedures

KDB 971168 D01 Power Meas License Digital Systems v03r01

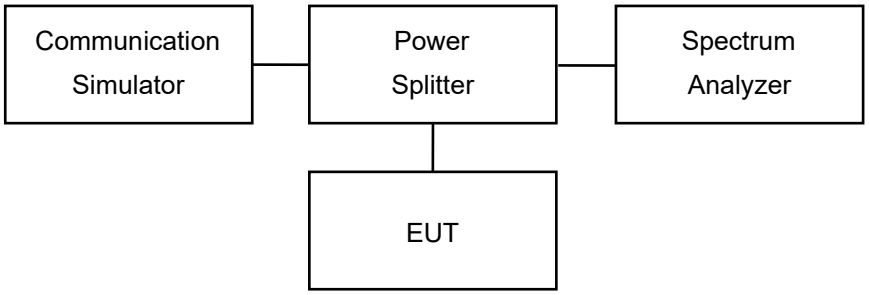
ANSI C63.26-2015

6.4. Test Result of Spurious Emission

Refer as Appendix D

7. Conducted Band Edge

7.1. Test Setup



7.2. Test Procedure

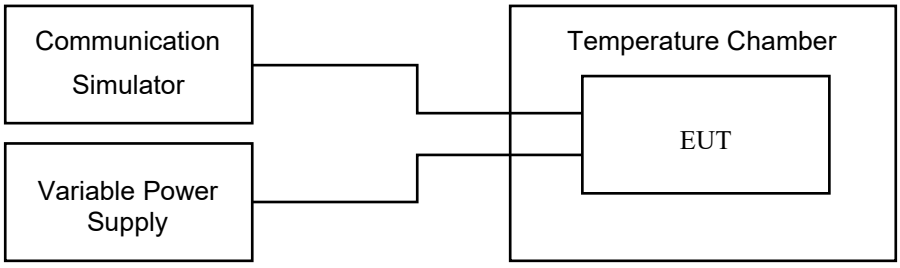
1. The EUT makes a call to the communication simulator. The communication simulator station system controlled a EUT to export maximum output power under transmission mode and specific channel frequency. The path loss was compensated to the results for each measurement.
2. In the 1MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed to measure the out of band Emissions.

7.3. Test Result of Conducted Band Edge

Refer as Appendix E

8. Frequency Stability

8.1. Test Setup



8.2. Test Procedures

Frequency Stability under Temperature Variations:

The EUT under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a communication simulator. The EUT was placed inside the temperature chamber. Set the EUT 20℃ operating frequency as reference frequency. Turn EUT off and set the chamber temperature to -30℃. After the temperature stabilized for approximately 30 minutes recorded the frequency. Repeat step measure with 10℃ increased per stage until the highest temperature of +50℃ reached.

Frequency Stability under Voltage Variations:

Set chamber temperature to 20℃. Use a variable AC or DC power supply to power the EUT and set the voltage to rated voltage. Reduce the input voltage to specify extreme voltage variation (±15%) and endpoint, record the maximum frequency change.

8.3. Test Result of Frequency Stability

Refer as Appendix F

Appendix A. Test Result of RF Output Power

WCDMA Band 2						
Test Mode	Frequency (MHz)	Conducted Output Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	EIRP Limit (W)
RMC	1852.4	23.17	0.35	23.520	0.225	2
	1880	23.49	0.35	23.840	0.242	2
	1907.6	23.35	0.35	23.700	0.234	2
HSUPA Subtest 1	1852.4	23.19	0.35	23.540	0.226	2
	1880	23.02	0.35	23.370	0.217	2
	1907.6	23.01	0.35	23.360	0.217	2
HSUPA Subtest 2	1852.4	22.75	0.35	23.100	0.204	2
	1880	22.91	0.35	23.260	0.212	2
	1907.6	22.90	0.35	23.250	0.211	2
HSUPA Subtest 3	1852.4	23.17	0.35	23.520	0.225	2
	1880	23.40	0.35	23.750	0.237	2
	1907.6	23.34	0.35	23.690	0.234	2
HSUPA Subtest 4	1852.4	23.01	0.35	23.360	0.217	2
	1880	23.28	0.35	23.630	0.231	2
	1907.6	23.24	0.35	23.590	0.229	2
HSUPA Subtest 5	1852.4	22.90	0.35	23.250	0.211	2
	1880	23.35	0.35	23.700	0.234	2
	1907.6	23.34	0.35	23.690	0.234	2
HSDPA Subtest 1	1852.4	22.35	0.35	22.700	0.186	2
	1880	22.58	0.35	22.930	0.196	2
	1907.6	22.57	0.35	22.920	0.196	2
HSDPA Subtest 2	1852.4	22.54	0.35	22.890	0.195	2
	1880	22.85	0.35	23.200	0.209	2
	1907.6	22.75	0.35	23.100	0.204	2
HSDPA Subtest 3	1852.4	22.50	0.35	22.850	0.193	2
	1880	22.80	0.35	23.150	0.207	2
	1907.6	22.67	0.35	23.020	0.200	2
HSDPA Subtest 4	1852.4	22.58	0.35	22.930	0.196	2
	1880	22.90	0.35	23.250	0.211	2
	1907.6	22.81	0.35	23.160	0.207	2

Note:

1. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

2. EIRP (W)= $(10^{(Power(dBm)/10)})*10^{-3}$

WCDMA Band 4						
Test Mode	Frequency (MHz)	Conducted Output Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	EIRP Limit (W)
RMC	1712.4	23.27	0.19	23.460	0.222	1
	1732.6	23.28	0.19	23.470	0.222	1
	1752.6	22.95	0.19	23.140	0.206	1
HSUPA Subtest 1	1712.4	22.91	0.19	23.100	0.204	1
	1732.6	22.92	0.19	23.110	0.205	1
	1752.6	22.76	0.19	22.950	0.197	1
HSUPA Subtest 2	1712.4	22.45	0.19	22.640	0.184	1
	1732.6	22.50	0.19	22.690	0.186	1
	1752.6	22.36	0.19	22.550	0.180	1
HSUPA Subtest 3	1712.4	22.94	0.19	23.130	0.206	1
	1732.6	22.95	0.19	23.140	0.206	1
	1752.6	22.88	0.19	23.070	0.203	1
HSUPA Subtest 4	1712.4	23.04	0.19	23.230	0.210	1
	1732.6	23.05	0.19	23.240	0.211	1
	1752.6	22.86	0.19	23.050	0.202	1
HSUPA Subtest 5	1712.4	22.58	0.19	22.770	0.189	1
	1732.6	22.68	0.19	22.870	0.194	1
	1752.6	22.44	0.19	22.630	0.183	1
HSDPA Subtest 1	1712.4	22.30	0.19	22.490	0.177	1
	1732.6	22.31	0.19	22.500	0.178	1
	1752.6	22.07	0.19	22.260	0.168	1
HSDPA Subtest 2	1712.4	22.10	0.19	22.290	0.169	1
	1732.6	22.12	0.19	22.310	0.170	1
	1752.6	21.86	0.19	22.050	0.160	1
HSDPA Subtest 3	1712.4	22.34	0.19	22.530	0.179	1
	1732.6	22.45	0.19	22.640	0.184	1
	1752.6	22.18	0.19	22.370	0.173	1
HSDPA Subtest 4	1712.4	22.50	0.19	22.690	0.186	1
	1732.6	22.52	0.19	22.710	0.187	1
	1752.6	22.34	0.19	22.530	0.179	1

Note:

1. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

2. EIRP (W)= $(10^{(Power(dBm)/10)})*10^{-3}$

WCDMA Band 5						
Test Mode	Frequency (MHz)	Conducted Output Power (dBm)	Antenna Gain (dBi)	ERP (dBm)	ERP (W)	ERP Limit (W)
RMC	826.4	23.18	-5.37	15.660	0.037	7
	836.6	23.38	-5.37	15.860	0.039	7
	846.6	23.37	-5.37	15.850	0.038	7
HSUPA Subtest 1	826.4	22.84	-5.37	15.320	0.034	7
	836.6	23.05	-5.37	15.530	0.036	7
	846.6	22.47	-5.37	14.950	0.031	7
HSUPA Subtest 2	826.4	22.30	-5.37	14.780	0.030	7
	836.6	22.42	-5.37	14.900	0.031	7
	846.6	22.41	-5.37	14.890	0.031	7
HSUPA Subtest 3	826.4	22.85	-5.37	15.330	0.034	7
	836.6	23.00	-5.37	15.480	0.035	7
	846.6	22.95	-5.37	15.430	0.035	7
HSUPA Subtest 4	826.4	22.87	-5.37	15.350	0.034	7
	836.6	22.97	-5.37	15.450	0.035	7
	846.6	22.95	-5.37	15.430	0.035	7
HSUPA Subtest 5	826.4	22.94	-5.37	15.420	0.035	7
	836.6	23.05	-5.37	15.530	0.036	7
	846.6	23.04	-5.37	15.520	0.036	7
HSDPA Subtest 1	826.4	22.36	-5.37	14.840	0.030	7
	836.6	22.51	-5.37	14.990	0.032	7
	846.6	22.41	-5.37	14.890	0.031	7
HSDPA Subtest 2	826.4	22.39	-5.37	14.870	0.031	7
	836.6	22.53	-5.37	15.010	0.032	7
	846.6	22.46	-5.37	14.940	0.031	7
HSDPA Subtest 3	826.4	22.28	-5.37	14.760	0.030	7
	836.6	22.42	-5.37	14.900	0.031	7
	846.6	22.42	-5.37	14.900	0.031	7
HSDPA Subtest 4	826.4	22.32	-5.37	14.800	0.030	7
	836.6	22.49	-5.37	14.970	0.031	7
	846.6	22.48	-5.37	14.960	0.031	7

Note:

1. ERP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi) - 2.15 dB

2. ERP (W)= $(10^{(Power(dBm)/10)})*10^{-3}$

Appendix B. Test Result of Occupied Bandwidth

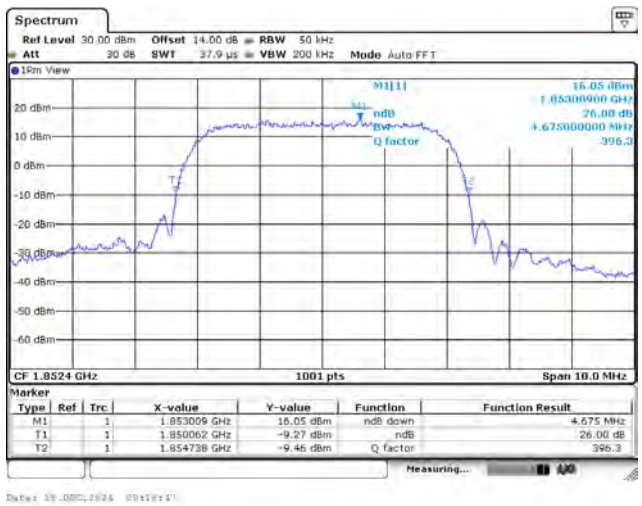
WCDMA Band 2					
Mode	Channel	Frequency (MHz)	Measure Level (MHz)		Limit (MHz)
			26dB BW	99% OBW	
RMC	9262	1852.4	4.675	4.105	N/A
	9400	1880	4.685	4.125	N/A
	9538	1907.6	4.675	4.115	N/A

WCDMA Band 4					
Mode	Channel	Frequency (MHz)	Measure Level (MHz)		Limit (MHz)
			26dB BW	99% OBW	
RMC	1312	1712.4	4.695	4.115	N/A
	1413	1732.6	4.685	4.105	N/A
	1513	1752.6	4.695	4.115	N/A

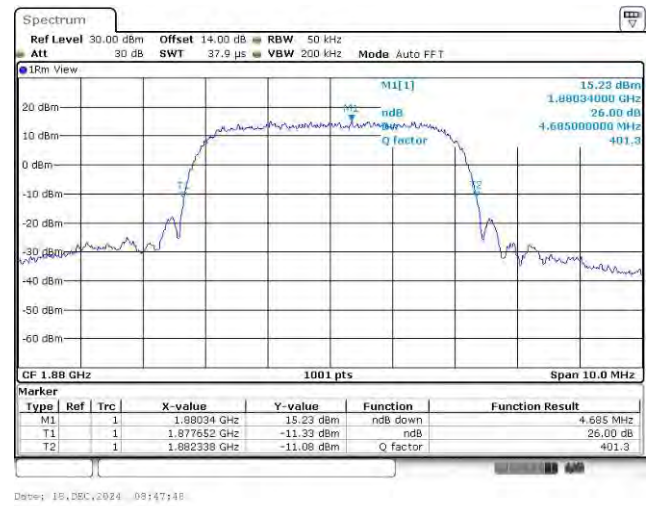
WCDMA Band 5					
Mode	Channel	Frequency (MHz)	Measure Level (MHz)		Limit (MHz)
			26dB BW	99% OBW	
RMC	4132	826.4	4.685	4.115	N/A
	4183	836.6	4.685	4.115	N/A
	4233	846.6	4.695	4.125	N/A

26dB Bandwidth:

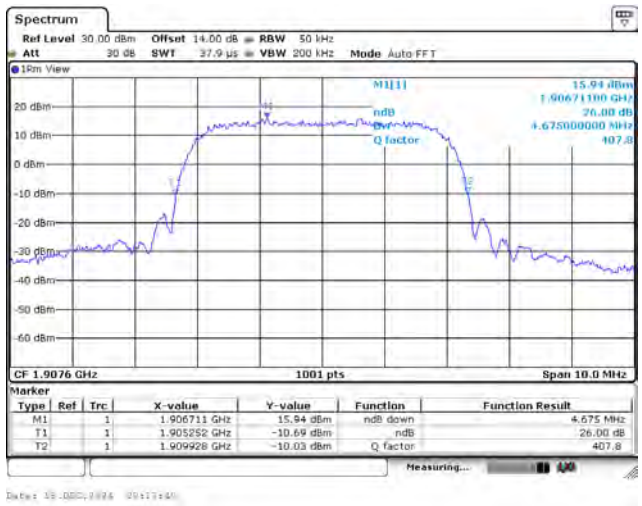
WCDMA Band 2 / RMC / 1852.4 MHz



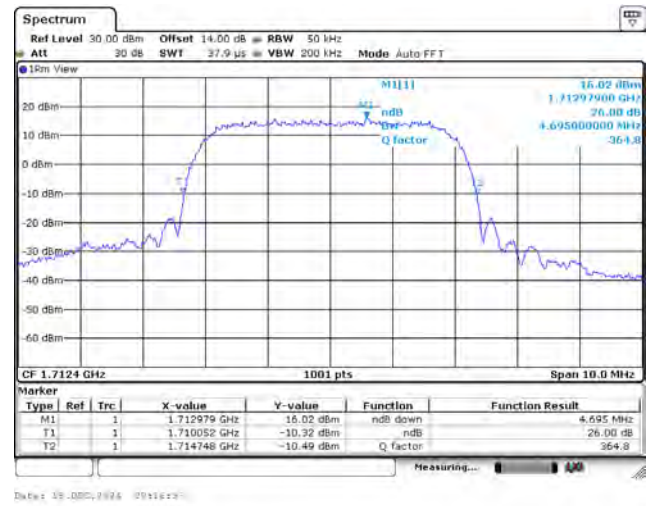
WCDMA Band 2 / RMC / 1880.0 MHz



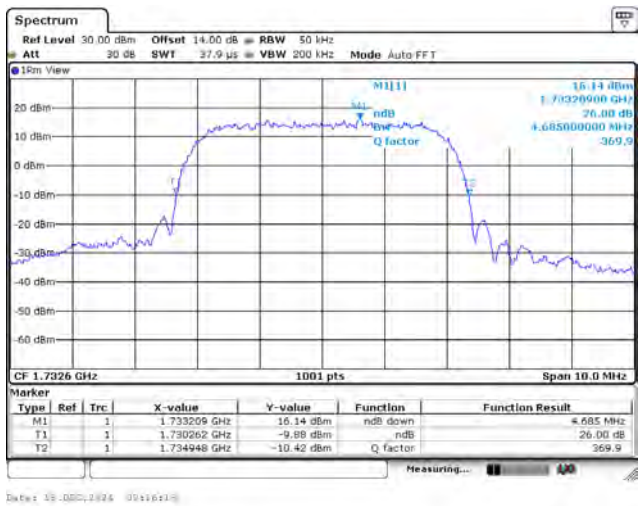
WCDMA Band 2 / RMC / 1907.6 MHz



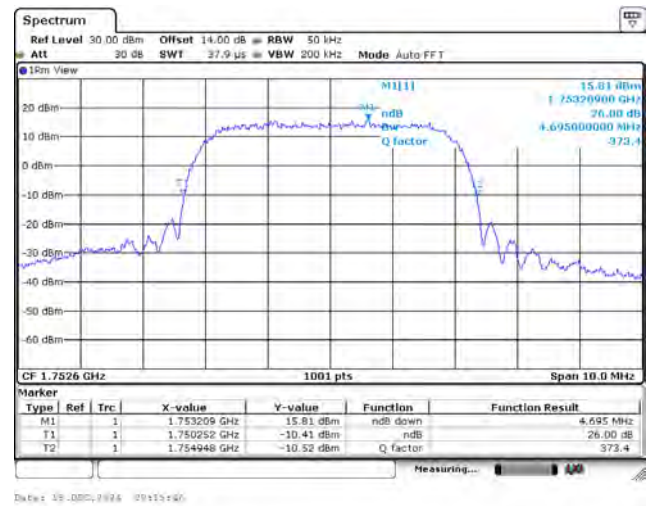
WCDMA Band 4 / RMC / 1712.4 MHz



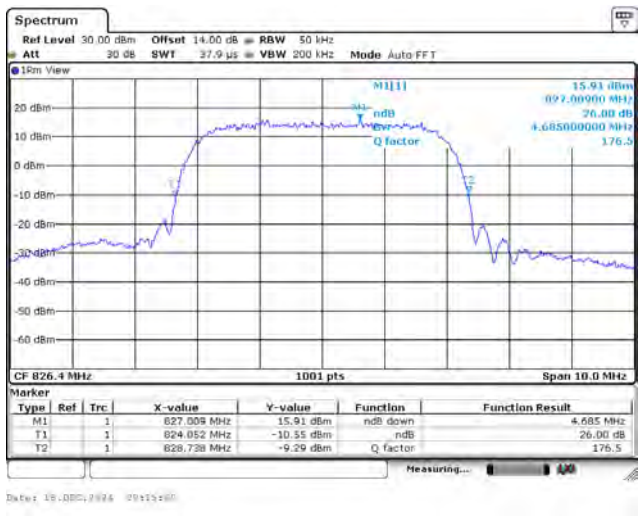
WCDMA Band 4 / RMC / 1732.6 MHz



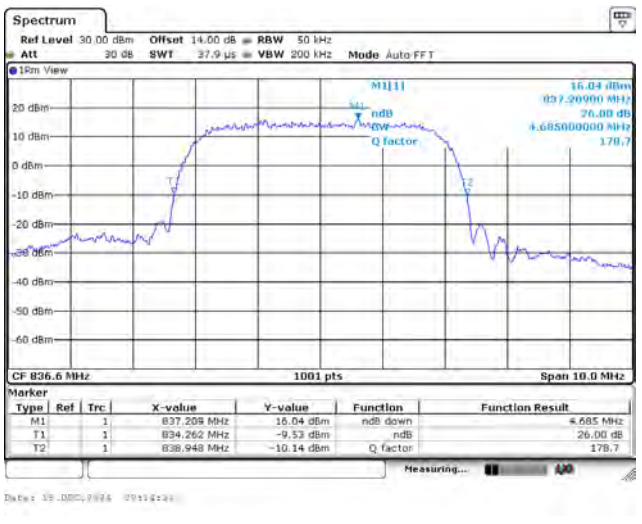
WCDMA Band 4 / RMC / 1752.6 MHz



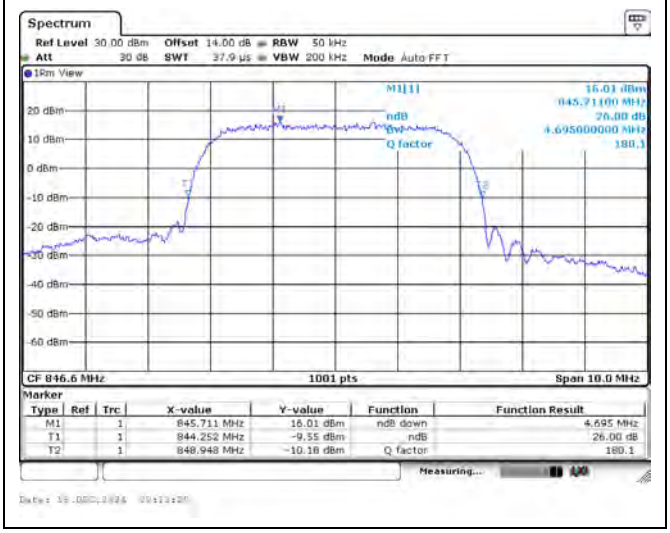
WCDMA Band 5 / RMC / 826.4 MHz



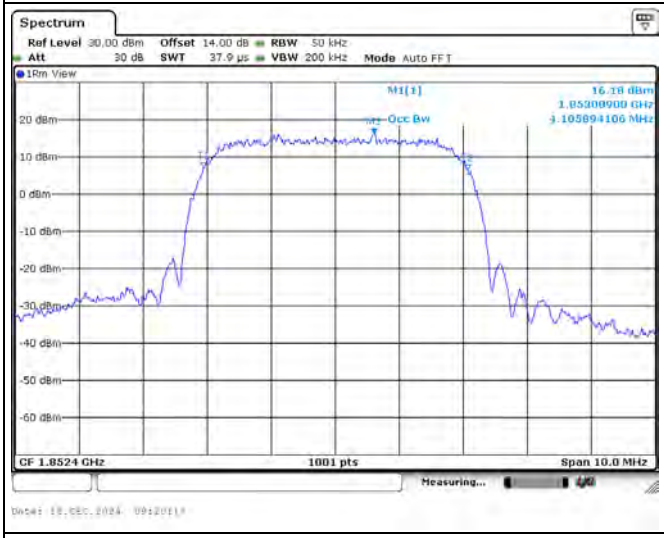
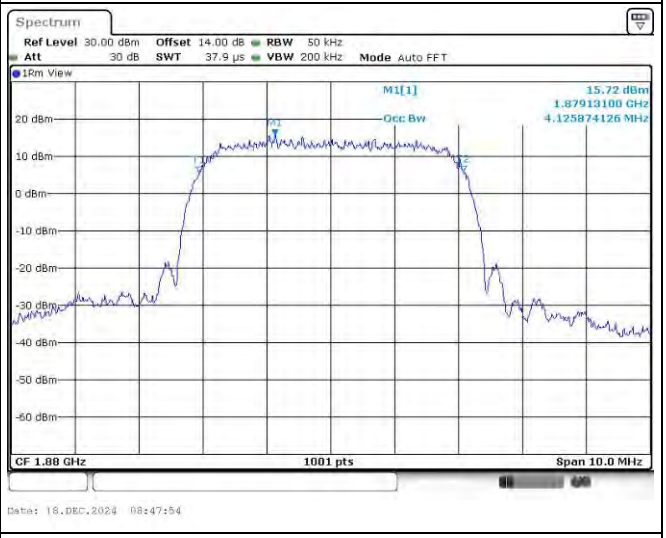
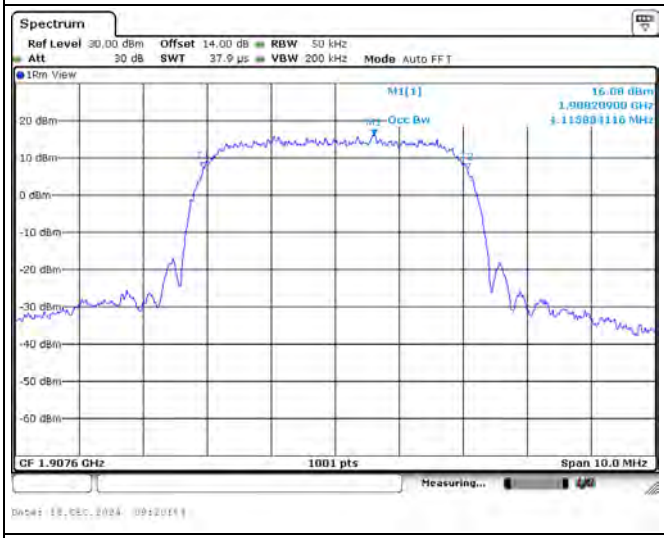
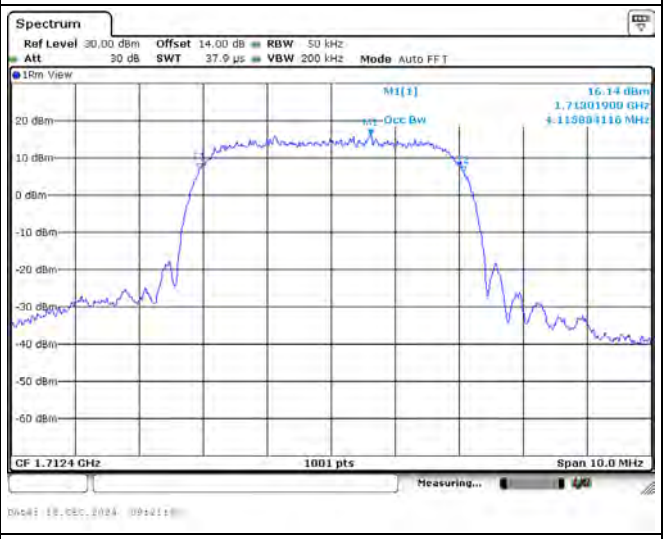
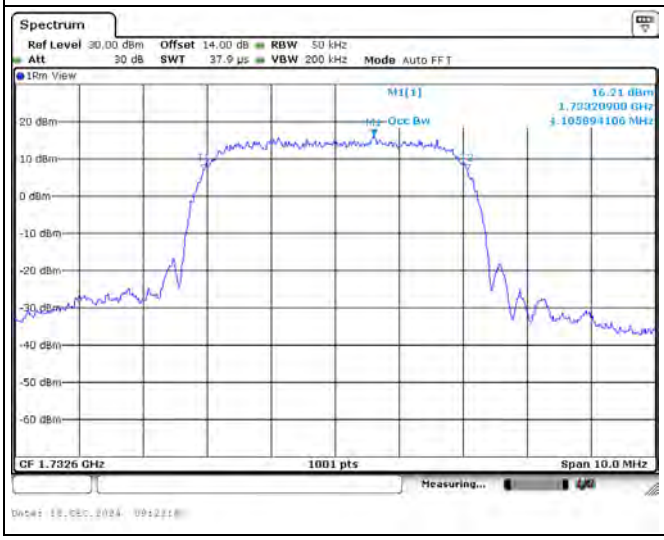
WCDMA Band 5 / RMC / 836.6 MHz



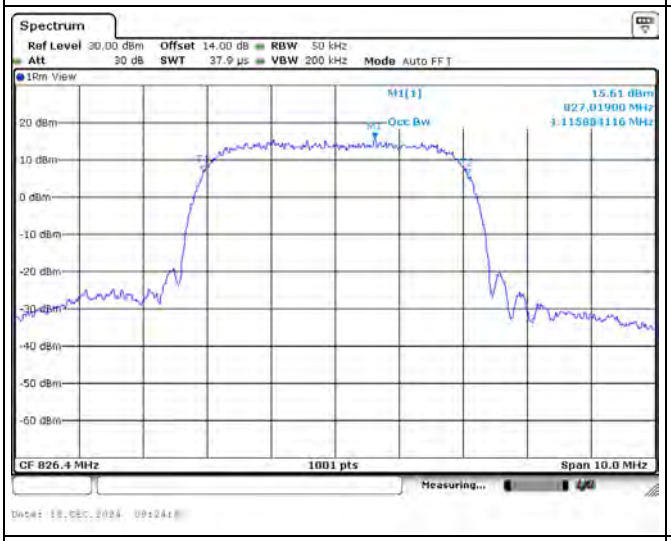
WCDMA Band 5 / RMC / 846.6 MHz



99% Bandwidth:

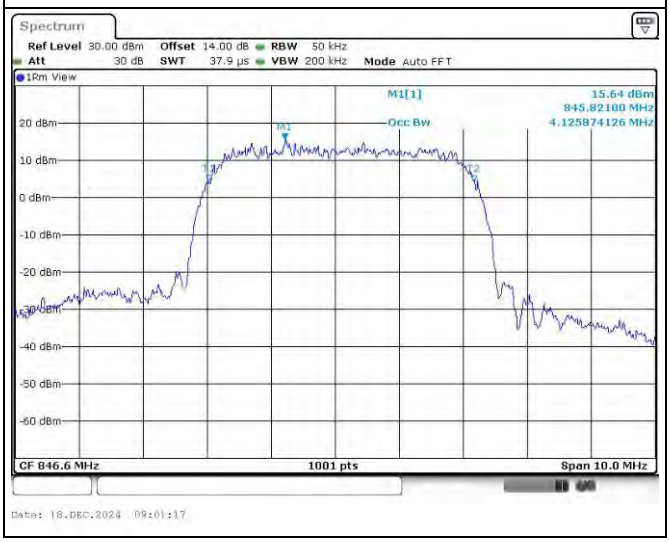
WCDMA Band 2 / RMC / 1852.4 MHz	WCDMA Band 2 / RMC / 1880.0 MHz
	
WCDMA Band 2 / RMC / 1907.6 MHz	**WCDMA Band 4 / RMC / 1712.4 MHz**
	
WCDMA Band 4 / RMC / 1732.6 MHz	**WCDMA Band 4 / RMC / 1752.6 MHz**
	

WCDMA Band 5 / RMC / 826.4 MHz



WCDMA Band 5 / RMC / 836.6 MHz

WCDMA Band 5 / RMC / 846.6 MHz

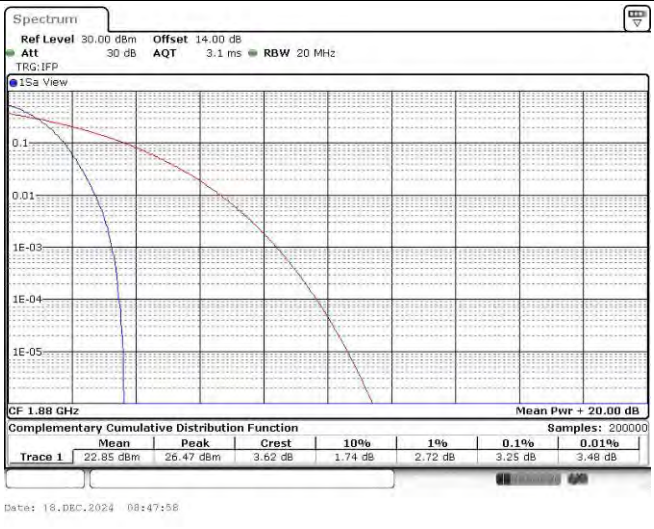
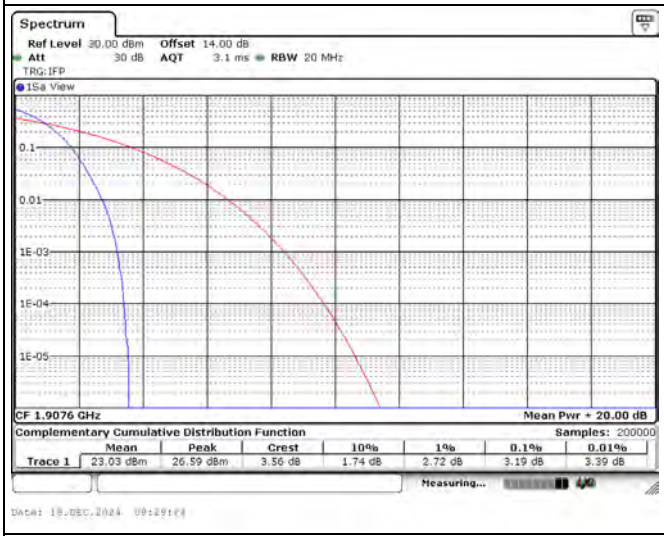
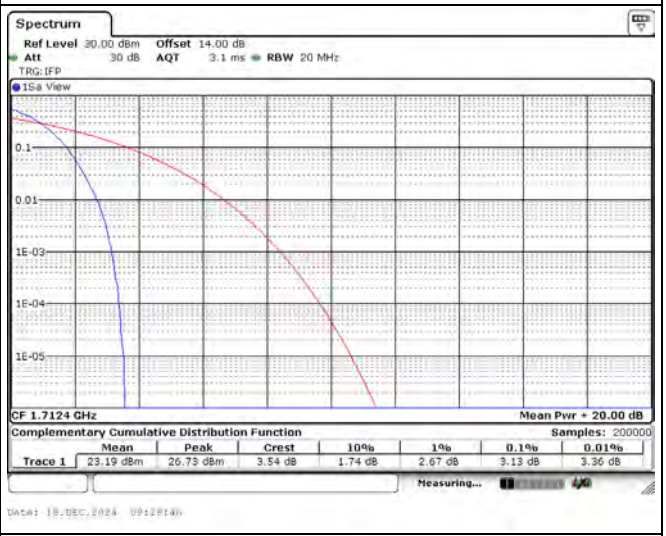
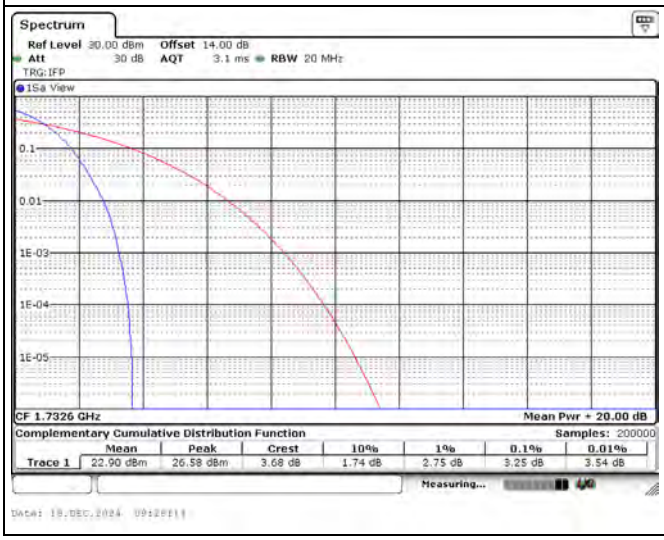
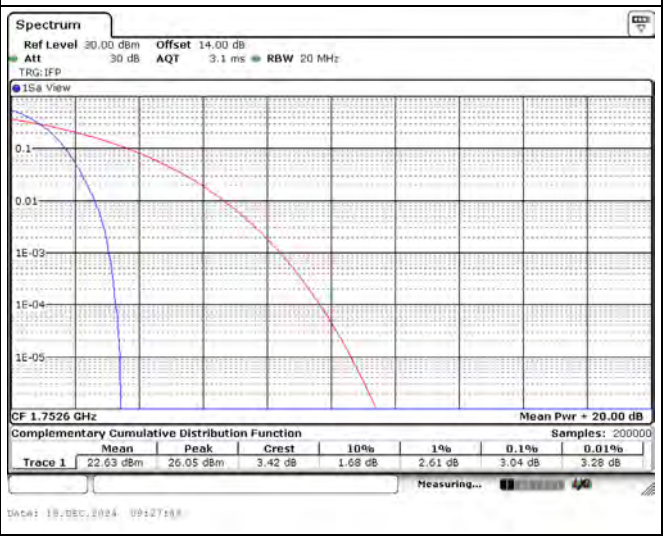


Appendix C. Test Result of Peak to Average Power Ratio

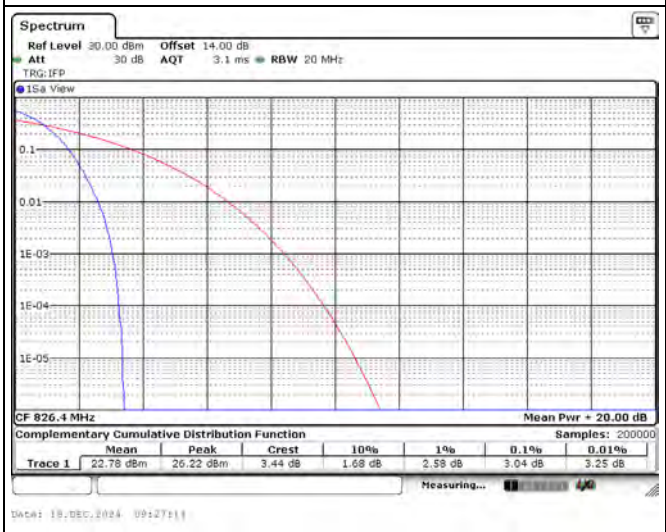
WCDMA Band 2			
Channel	Frequency (MHz)	Mode	PAPR (dB)
9262	1852.4	RMC	3.19
9400	1880		3.25
9538	1907.6		3.19

WCDMA Band 4			
Channel	Frequency (MHz)	Mode	PAPR (dB)
1312	1712.4	RMC	3.13
1413	1732.6		3.25
1513	1752.6		3.04

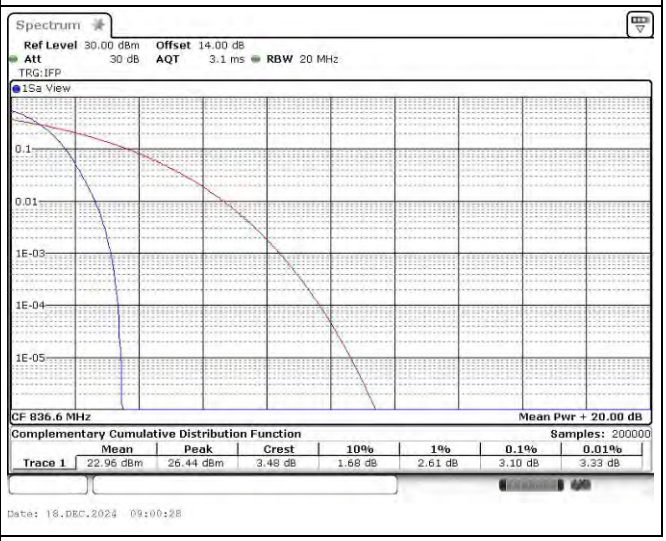
WCDMA Band 5			
Channel	Frequency (MHz)	Mode	PAPR (dB)
4132	826.4	RMC	3.04
4183	836.6		3.10
4233	846.6		3.01

WCDMA Band 2 / RMC / 1852.4 MHz	WCDMA Band 2 / RMC / 1880.0 MHz
	
WCDMA Band 2 / RMC / 1907.6 MHz	**WCDMA Band 4 / RMC / 1712.4 MHz**
	
WCDMA Band 4 / RMC / 1732.6 MHz	**WCDMA Band 4 / RMC / 1752.6 MHz**
	

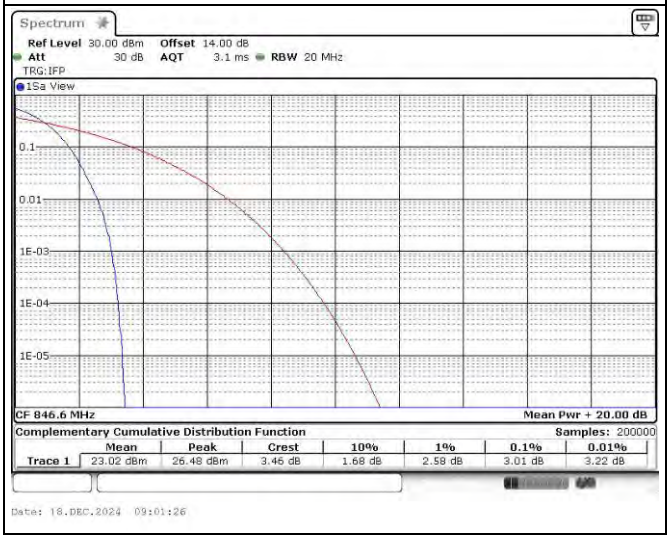
WCDMA Band 5 / RMC / 826.4 MHz



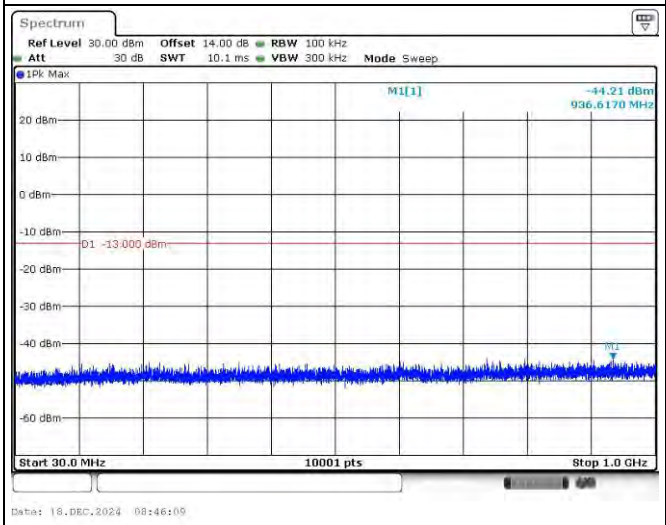
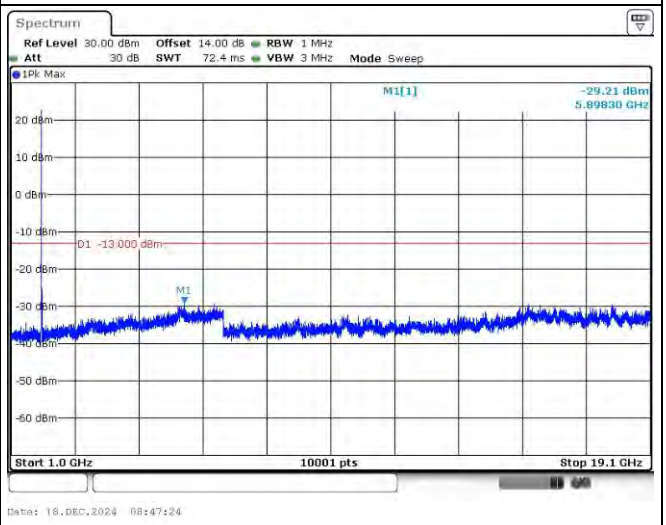
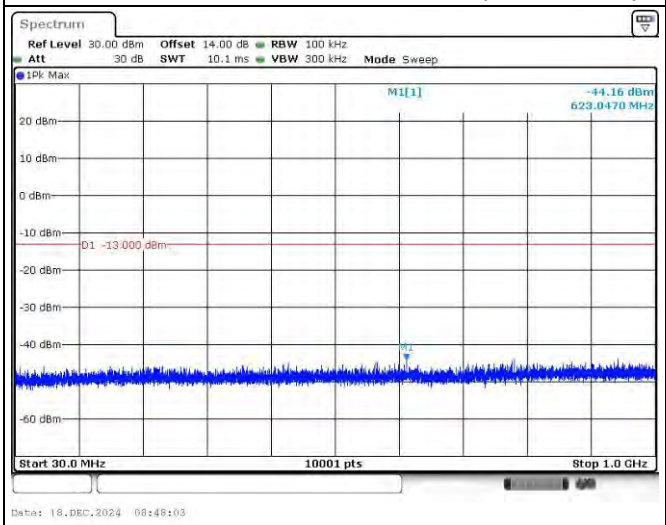
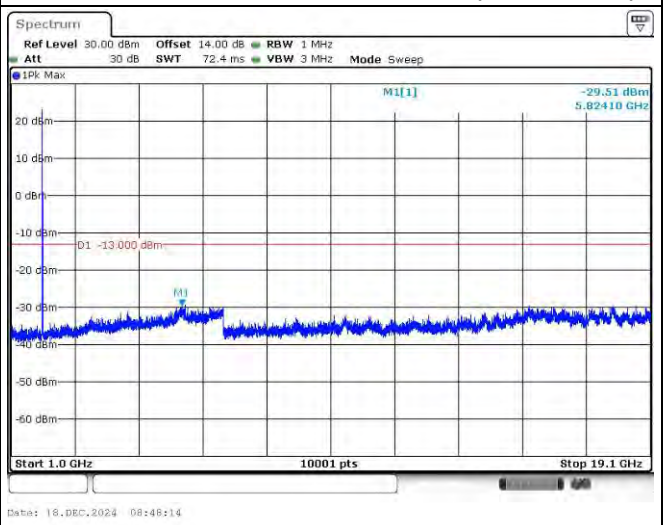
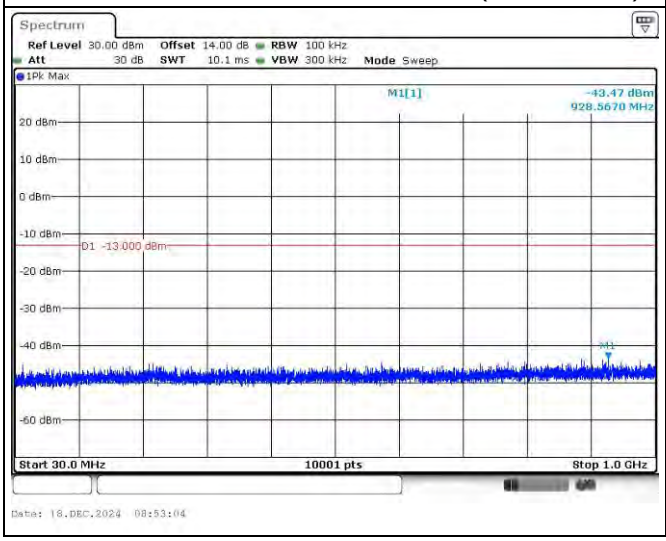
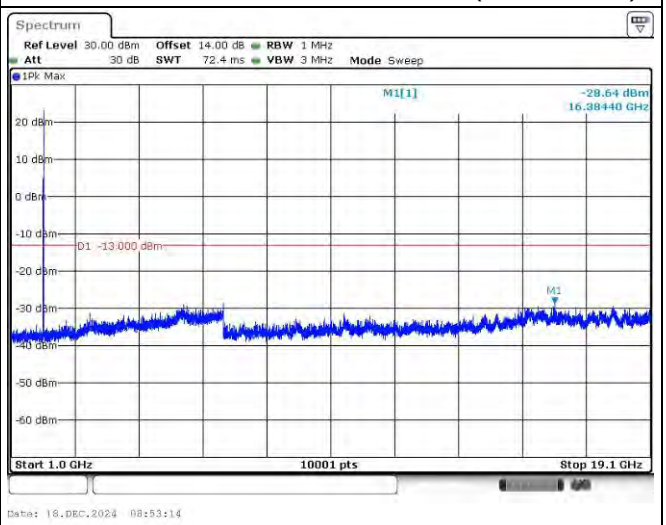
WCDMA Band 5 / RMC / 836.6 MHz

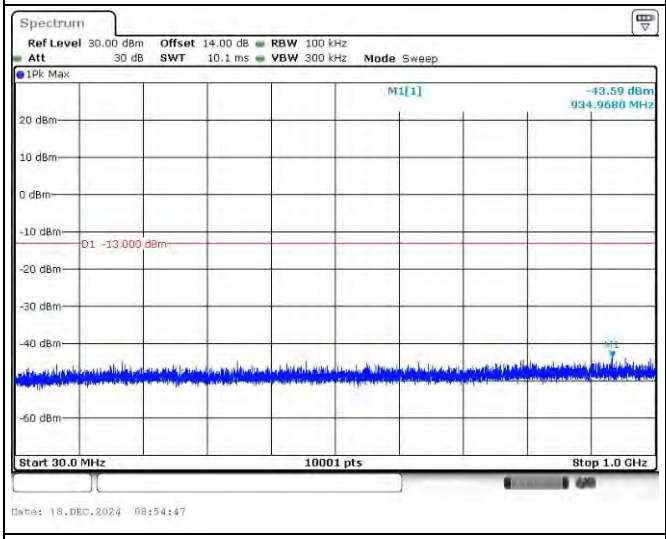
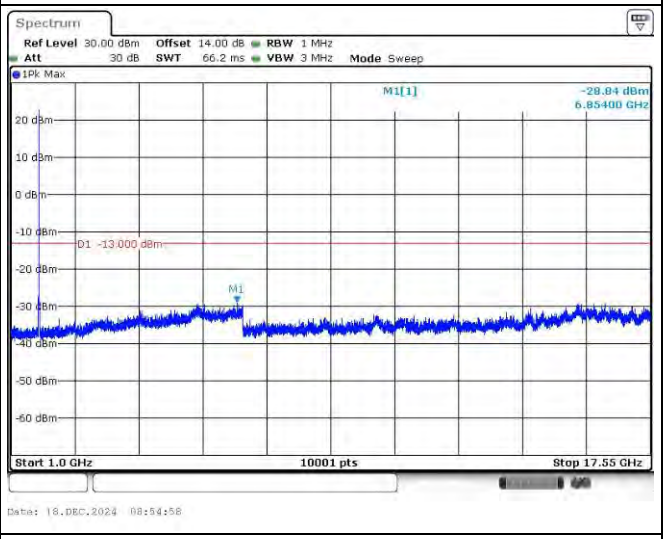
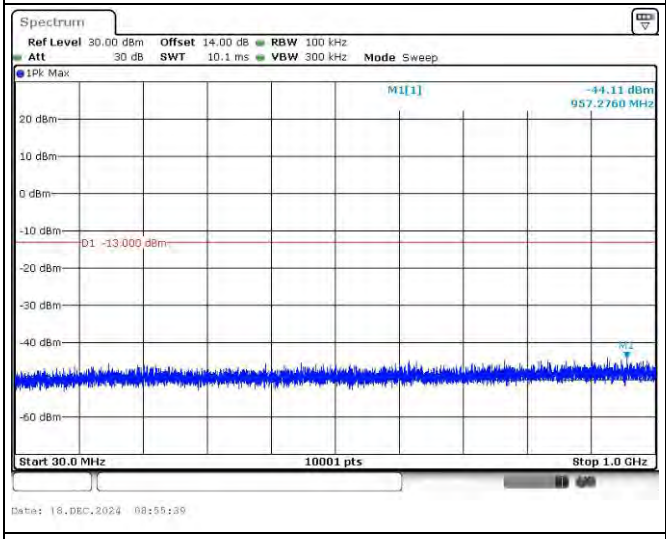
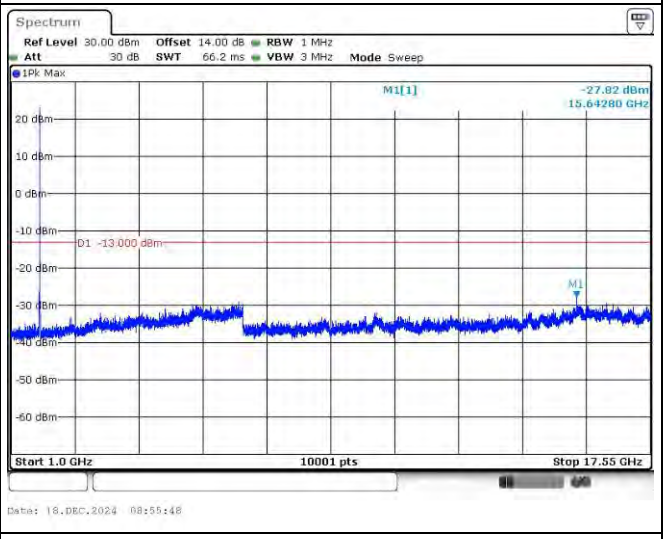
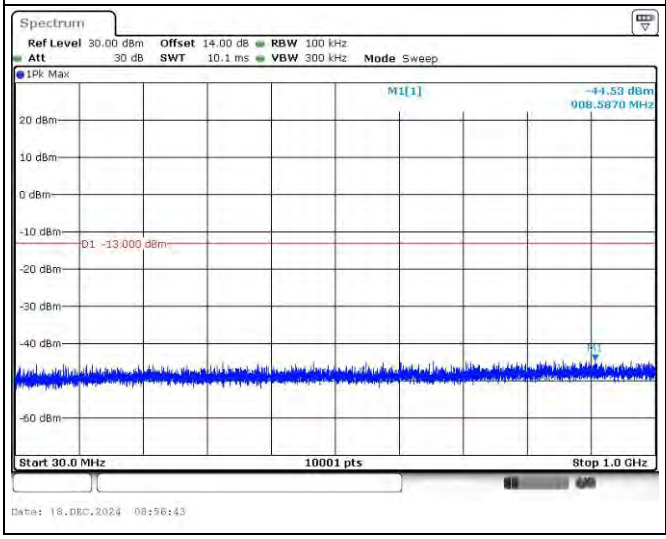
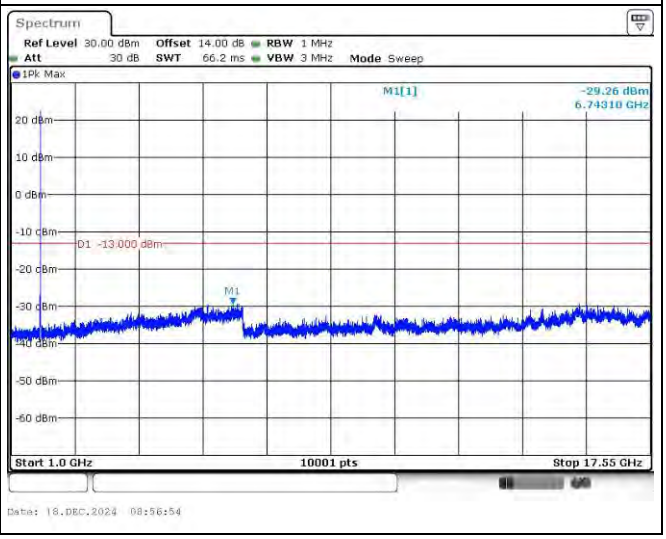


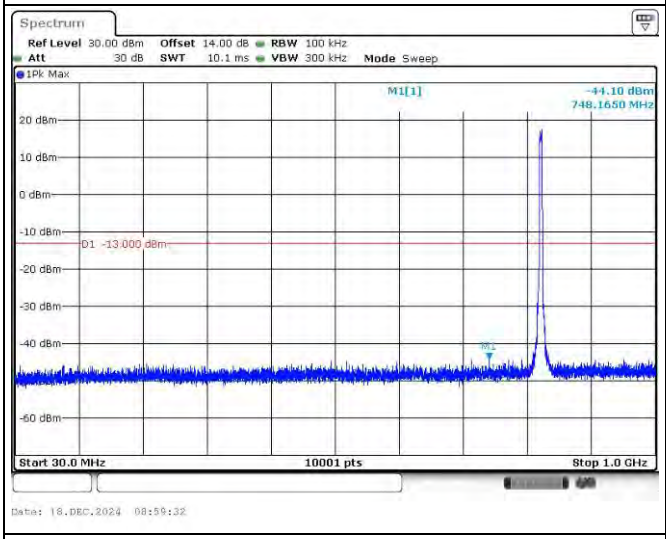
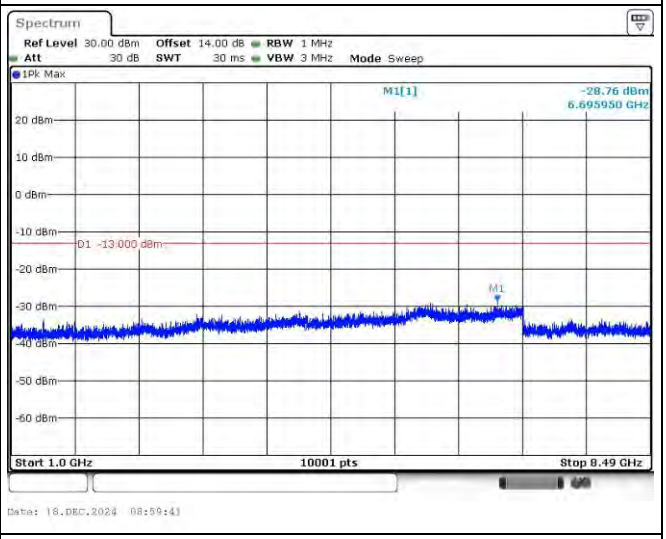
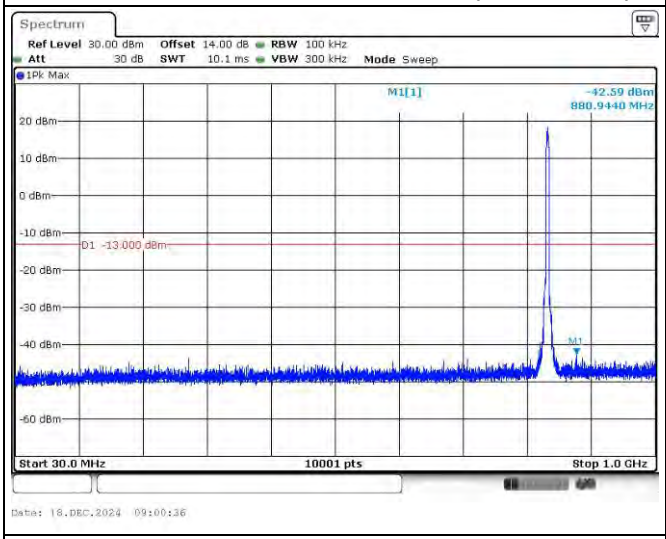
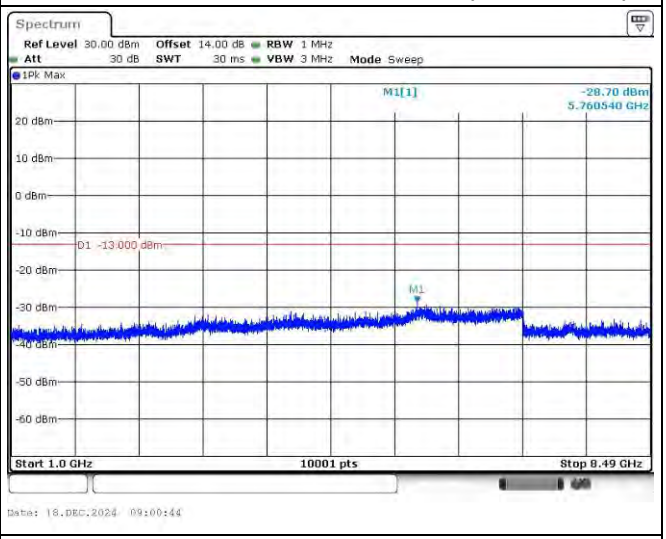
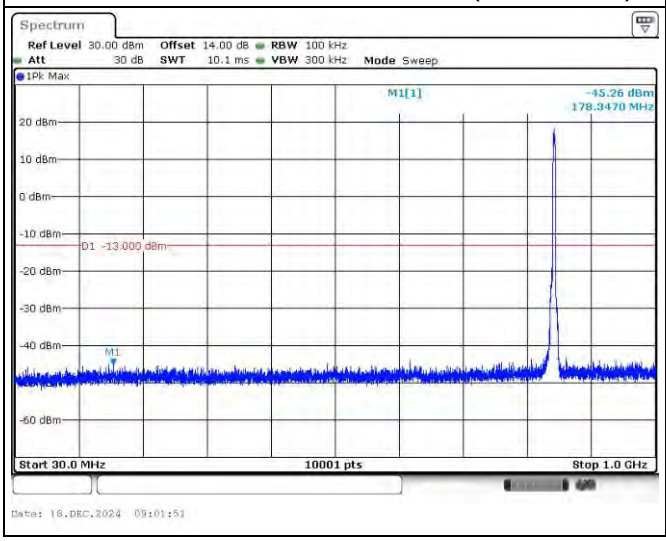
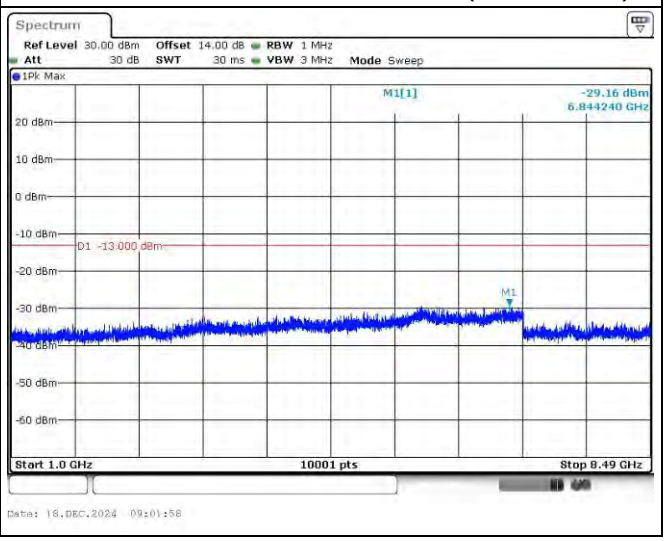
WCDMA Band 5 / RMC / 846.6 MHz



Appendix D.1 Test Result of Conducted Spurious Emission

WCDMA Band 2 / RMC / 1852.4 MHz (below 1GHz)	WCDMA Band 2 / RMC / 1852.4 MHz (above 1GHz)
	
WCDMA Band 2 / RMC / 1880.0 MHz (below 1GHz)	WCDMA Band 2 / RMC / 1880.0 MHz (above 1GHz)
	
WCDMA Band 2 / RMC / 1907.6 MHz (below 1GHz)	WCDMA Band 2 / RMC / 1907.6 MHz (above 1GHz)
	

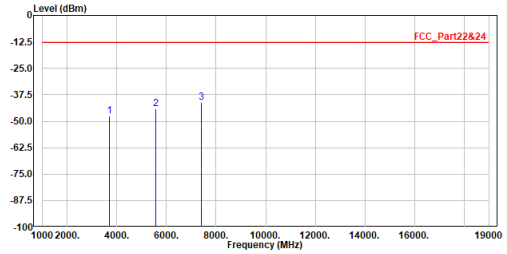
WCDMA Band 4 / RMC / 1712.4 MHz (below 1GHz)	WCDMA Band 4 / RMC / 1712.4 MHz (above 1GHz)
	
WCDMA Band 4 / RMC / 1732.6 MHz (below 1GHz)	WCDMA Band 4 / RMC / 1732.6 MHz (above 1GHz)
	
WCDMA Band 4 / RMC / 1752.6 MHz (below 1GHz)	WCDMA Band 4 / RMC / 1752.6 MHz (above 1GHz)
	

WCDMA Band 5 / RMC / 826.4 MHz (below 1GHz)	WCDMA Band 5 / RMC / 826.4 MHz (above 1GHz)
	
WCDMA Band 5 / RMC / 836.6 MHz (below 1GHz)	WCDMA Band 5 / RMC / 836.6 MHz (above 1GHz)
	
WCDMA Band 5 / RMC / 846.6 MHz (below 1GHz)	WCDMA Band 5 / RMC / 846.6 MHz (above 1GHz)
	

Appendix D.2 Test Result of Radiated Spurious Emission

Mode 1: WCDMA Band 2

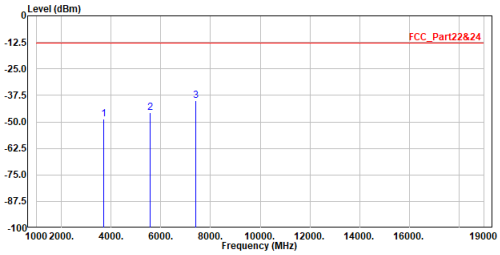
Site :HC-CB02
Condition :3m Horizontal
Mode :WCDMA_B2_CH9262
Test by :Scott Chang



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	3704.800	-47.67	-13.00	-34.67	-40.45	-7.22	Peak
2	5557.200	-44.24	-13.00	-31.24	-42.35	-1.89	Peak
3	7409.600	-41.08	-13.00	-28.08	-45.11	4.03	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

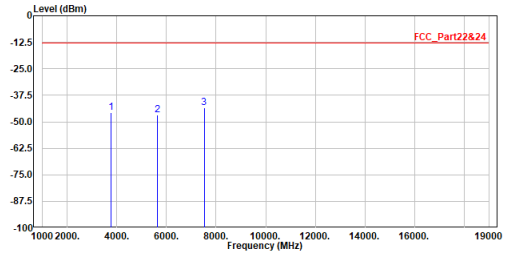
Site :HC-CB02
Condition :3m Vertical
Mode :WCDMA_B2_CH9262
Test by :Scott Chang



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	3704.800	-48.64	-13.00	-35.64	-41.42	-7.22	Peak
2	5557.200	-45.76	-13.00	-32.76	-43.87	-1.89	Peak
3	7409.600	-40.18	-13.00	-27.18	-44.21	4.03	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

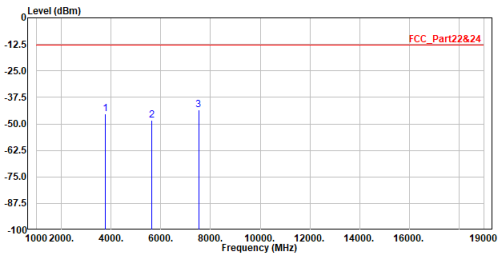
Site :HC-CB02
Condition :3m Horizontal
Mode :WCDMA_B2_CH9400
Test by :Scott Chang



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	3760.000	-45.72	-13.00	-32.72	-38.76	-6.96	Peak
2	5640.000	-46.93	-13.00	-33.93	-45.30	-1.63	Peak
3	7520.000	-43.58	-13.00	-30.58	-47.72	4.14	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

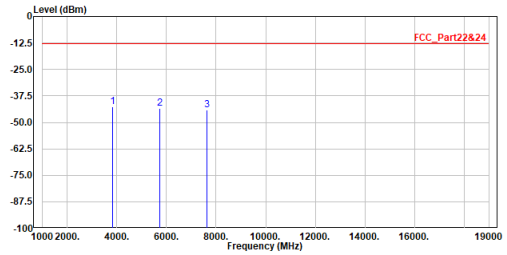
Site :HC-CB02
Condition :3m Vertical
Mode :WCDMA_B2_CH9400
Test by :Scott Chang



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	3760.000	-45.45	-13.00	-32.45	-38.49	-6.96	Peak
2	5640.000	-48.23	-13.00	-35.23	-46.60	-1.63	Peak
3	7520.000	-43.28	-13.00	-30.28	-47.42	4.14	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

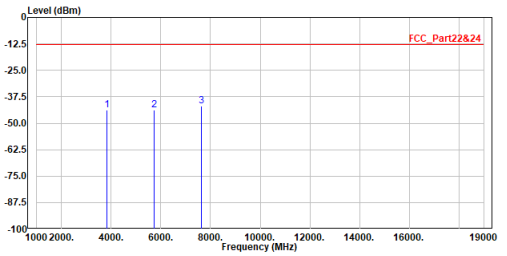
Site :HC-CB02
Condition :3m Horizontal
Mode :WCDMA_B2_CH9538
Test by :Scott Chang



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	3815.200	-42.47	-13.00	-29.47	-35.78	-6.69	Peak
2	5722.800	-43.51	-13.00	-30.51	-42.14	-1.37	Peak
3	7630.400	-44.13	-13.00	-31.13	-48.34	4.21	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)
= 107 + 20log(3) – 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Site :HC-CB02
Condition :3m Vertical
Mode :WCDMA_B2_CH9538
Test by :Scott Chang

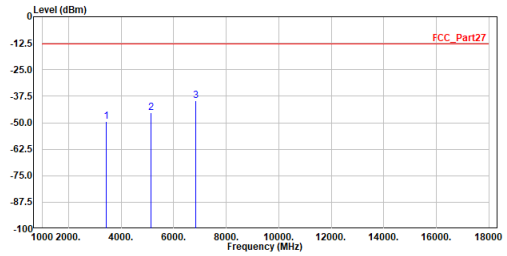


No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	3815.200	-43.83	-13.00	-30.83	-37.14	-6.69	Peak
2	5722.800	-43.96	-13.00	-30.96	-42.59	-1.37	Peak
3	7630.400	-41.89	-13.00	-28.89	-46.10	4.21	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)
= 107 + 20log(3) – 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Mode 2: WCDMA Band 4

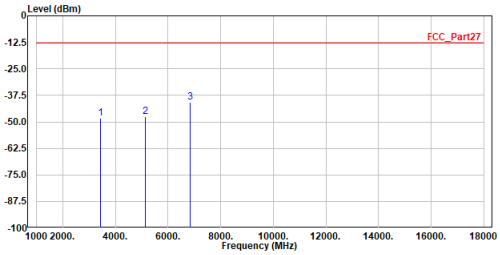
Site :HC-CB02
Condition :3m Horizontal
Mode :WCDMA_B4_CH1312
Test by :Scott Chang



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	3424.800	-49.31	-13.00	-36.31	-40.90	-8.41	Peak
2	5137.200	-45.14	-13.00	-32.14	-42.99	-2.15	Peak
3	6849.600	-39.72	-13.00	-26.72	-42.98	3.26	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

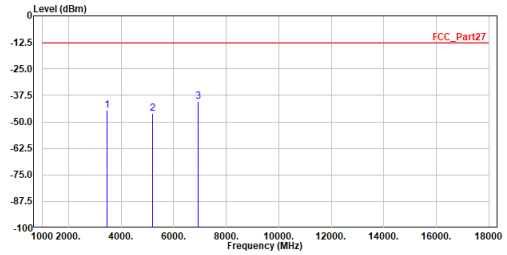
Site :HC-CB02
Condition :3m Vertical
Mode :WCDMA_B4_CH1312
Test by :Scott Chang



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	3424.800	-48.12	-13.00	-35.12	-39.71	-8.41	Peak
2	5137.200	-47.54	-13.00	-34.54	-45.39	-2.15	Peak
3	6849.600	-40.90	-13.00	-27.90	-44.16	3.26	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

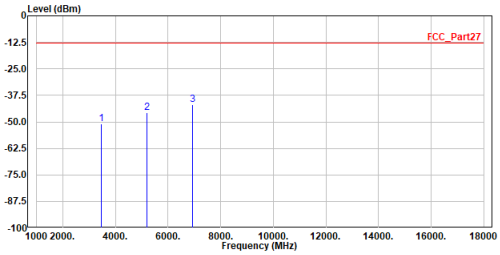
Site :HC-CB02
Condition :3m Horizontal
Mode :WCDMA_B4_CH1413
Test by :Scott Chang



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	3465.200	-44.46	-13.00	-31.46	-36.16	-8.30	Peak
2	5197.800	-46.01	-13.00	-33.01	-43.88	-2.13	Peak
3	6930.400	-40.50	-13.00	-27.50	-43.94	3.44	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

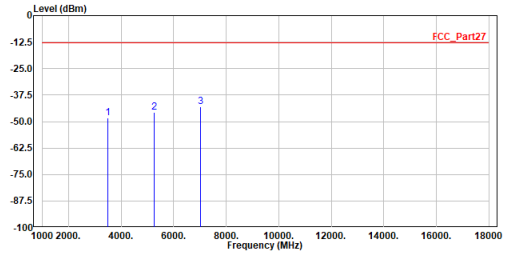
Site :HC-CB02
Condition :3m Vertical
Mode :WCDMA_B4_CH1413
Test by :Scott Chang



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	3465.200	-50.80	-13.00	-37.80	-42.50	-8.30	Peak
2	5197.800	-45.49	-13.00	-32.49	-43.36	-2.13	Peak
3	6930.400	-42.01	-13.00	-29.01	-45.45	3.44	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

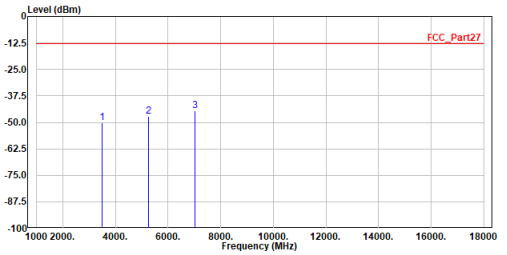
Site :HC-CB02
Condition :3m Horizontal
Mode :WCDMA_B4_CH1513
Test by :Scott Chang



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	3505.200	-48.12	-13.00	-35.12	-39.94	-8.18	Peak
2	5257.800	-45.52	-13.00	-32.52	-43.40	-2.12	Peak
3	7010.400	-43.10	-13.00	-30.10	-46.71	3.61	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Site :HC-CB02
Condition :3m Vertical
Mode :WCDMA_B4_CH1513
Test by :Scott Chang

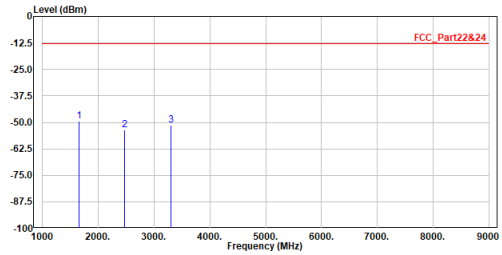


No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	3505.200	-50.17	-13.00	-37.17	-41.99	-8.18	Peak
2	5257.800	-47.19	-13.00	-34.19	-45.07	-2.12	Peak
3	7010.400	-44.40	-13.00	-31.40	-48.01	3.61	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Mode 3: WCDMA Band 5

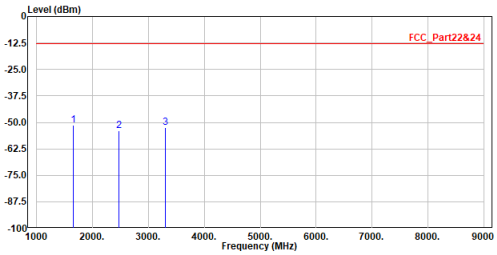
Site :HC-CB02
Condition :3m Horizontal
Mode :WCDMA_B5_CH4132
Test by :Scott Chang



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	1652.800	-49.44	-13.00	-36.44	-34.82	-14.62	Peak
2	2479.200	-53.56	-13.00	-40.56	-42.02	-11.54	Peak
3	3305.600	-51.16	-13.00	-38.16	-42.42	-8.74	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)
= 107 + 20log(3) – 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

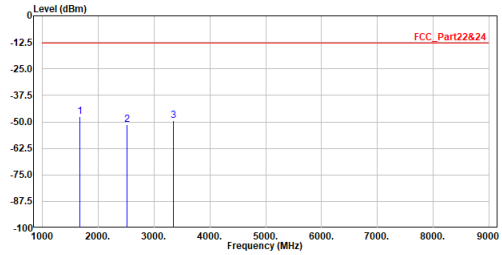
Site :HC-CB02
Condition :3m Vertical
Mode :WCDMA_B5_CH4132
Test by :Scott Chang



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	1652.800	-51.21	-13.00	-38.21	-36.59	-14.62	Peak
2	2479.200	-54.02	-13.00	-41.02	-42.48	-11.54	Peak
3	3305.600	-52.64	-13.00	-39.64	-43.90	-8.74	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)
= 107 + 20log(3) – 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

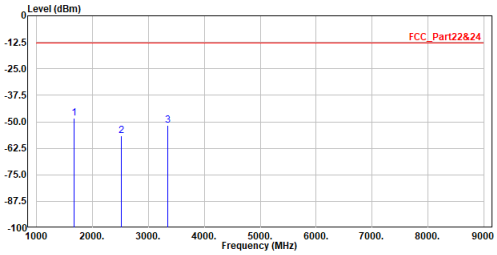
Site :HC-CB02
Condition :3m Horizontal
Mode :WCDMA_B5_CH4183
Test by :Scott Chang



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	1673.200	-47.50	-13.00	-34.50	-32.98	-14.52	Peak
2	2509.800	-51.18	-13.00	-38.18	-39.74	-11.44	Peak
3	3346.400	-49.56	-13.00	-36.56	-40.93	-8.63	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)
= 107 + 20log(3) – 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

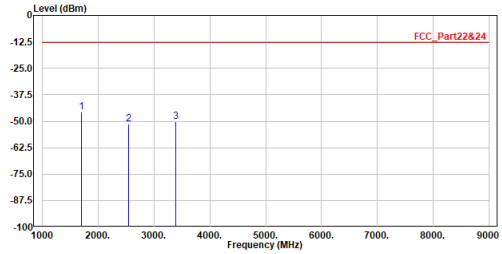
Site :HC-CB02
Condition :3m Vertical
Mode :WCDMA_B5_CH4183
Test by :Scott Chang



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	1673.200	-48.31	-13.00	-35.31	-33.79	-14.52	Peak
2	2509.800	-56.46	-13.00	-43.46	-45.02	-11.44	Peak
3	3346.400	-51.72	-13.00	-38.72	-43.09	-8.63	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)
= 107 + 20log(3) – 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

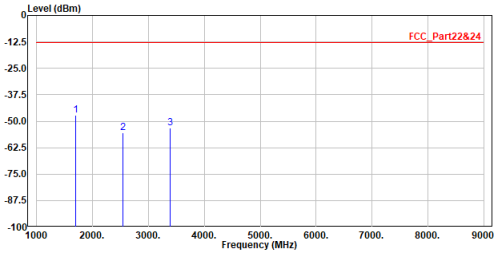
Site :HC-CB02
Condition :3m Horizontal
Mode :WCDMA_B5_CH4233
Test by :Scott Chang



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	1693.200	-45.84	-13.00	-32.84	-31.40	-14.44	Peak
2	2539.800	-51.33	-13.00	-38.33	-40.00	-11.33	Peak
3	3386.400	-50.24	-13.00	-37.24	-41.72	-8.52	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

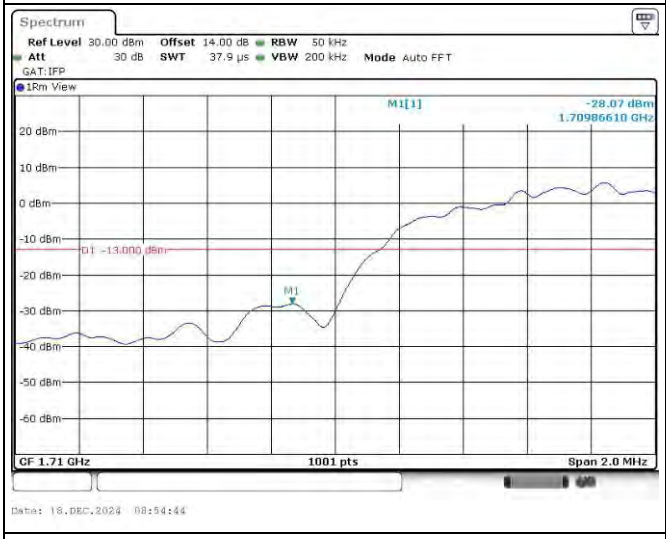
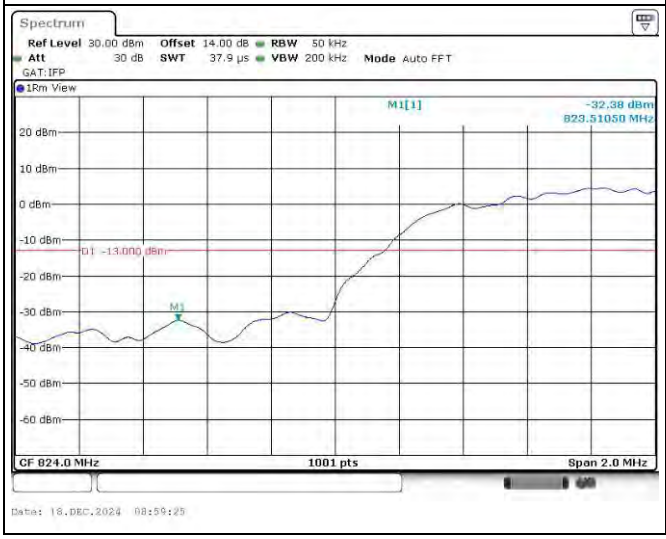
Site :HC-CB02
Condition :3m Vertical
Mode :WCDMA_B5_CH4233
Test by :Scott Chang



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	1693.200	-47.24	-13.00	-34.24	-32.80	-14.44	Peak
2	2539.800	-55.46	-13.00	-42.46	-44.13	-11.33	Peak
3	3386.400	-53.11	-13.00	-40.11	-44.59	-8.52	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Appendix E. Test Result of Conducted Band Edge

WCDMA Band 2 / RMC / 1852.4 MHz	WCDMA Band 2 / RMC / 1907.6 MHz
	
WCDMA Band 4 / RMC / 1712.4 MHz	WCDMA Band 4 / RMC / 1752.6 MHz
	
WCDMA Band 5 / RMC / 826.4 MHz	WCDMA Band 5 / RMC / 846.6 MHz
	

Appendix F. Test Result of Frequency Stability

Mode 1: WCDMA Band 2

1852.4 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.37	1.25	0.0007
3.80	1.28	0.0007
3.23	0.59	0.0003

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-10	0.16	0.0001
0	0.54	0.0003
10	0.49	0.0003
20	1.09	0.0006
30	0.47	0.0003
40	0.77	0.0004
50	0.70	0.0004

1880 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.37	1.22	0.0006
3.80	2.10	0.0011
3.23	1.67	0.0009

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-10	1.91	0.0010
0	1.27	0.0007
10	2.06	0.0011
20	0.80	0.0004
30	2.16	0.0011
40	1.90	0.0010
50	1.29	0.0007

1907.6 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.37	0.85	0.0004
3.80	1.66	0.0009
3.23	1.24	0.0007

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-10	0.60	0.0003
0	1.50	0.0008
10	0.58	0.0003
20	1.68	0.0009
30	0.92	0.0005
40	1.28	0.0007
50	0.12	0.0001

Mode 2: WCDMA Band 4

1712.4 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.37	0.43	0.0003
3.80	1.20	0.0007
3.23	1.22	0.0007

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-10	0.94	0.0005
0	0.01	0.0000
10	-0.37	-0.0002
20	0.72	0.0004
30	1.01	0.0006
40	0.01	0.0000
50	0.74	0.0004

1932.6 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.37	0.73	0.0004
3.80	1.72	0.0010
3.23	1.79	0.0010

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-10	1.29	0.0007
0	1.95	0.0011
10	1.34	0.0008
20	0.88	0.0005
30	0.48	0.0003
40	1.96	0.0011
50	1.37	0.0008

1752.6 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.37	0.26	0.0001
3.80	1.11	0.0006
3.23	0.13	0.0001

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-10	1.17	0.0007
0	0.80	0.0005
10	0.56	0.0003
20	0.32	0.0002
30	0.80	0.0005
40	1.23	0.0007
50	1.27	0.0007

Mode 3: WCDMA Band 5

826.4 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.37	0.76	0.00092
3.80	1.37	0.00166
3.23	1.07	0.00129

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-10	0.50	0.0006
0	0.79	0.0010
10	0.26	0.0003
20	0.59	0.0007
30	1.74	0.0021
40	0.93	0.0011
50	1.89	0.0023

836.6 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.37	-0.13	-0.0002
3.80	1.46	0.0017
3.23	1.81	0.0022

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-10	1.05	0.0013
0	0.99	0.0012
10	1.17	0.0014
20	0.73	0.0009
30	0.37	0.0004
40	0.87	0.0010
50	0.50	0.0006

846.6 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.37	1.51	0.0018
3.80	1.89	0.0023
3.23	1.87	0.0022

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-10	1.09	0.0013
0	2.05	0.0024
10	2.33	0.0028
20	2.43	0.0029
30	1.50	0.0018
40	0.69	0.0008
50	1.30	0.0016