

Test Report No:
2480097R-RFUSV22S-A

TEST REPORT

FCC Rules&Regulations

Product Name	Telematics Platform 2
Brand Name	PCI
Model No.	PCI-TP2
FCC ID	LY5-PCITP2V2
Applicant's Name / Address	PCI Private Limited 35 Pioneer Road North Singapore 628475 Singapore
Manufacturer's Name / Address	PCI Private Limited 35 Pioneer Road North Singapore 628475 Singapore
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	 Amelia Wu
Approved By	 Allen Lin
Date of Receipt	Aug. 05, 2024
Date of Issue	Oct. 18, 2024
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.

IMPORTANT: No parts of this report may be reproduced or quoted out of context, in any form or by any means, except in full, without the previous written permission of DEKRA.

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	Oct. 18, 2024

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.

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	
Type of Modulation	BPSK / QPSK	
IMEI No.	356488680641419	

Antenna Information						
Ant.	Brand Name	Model No.	Type	Gain (dBi)		
				WCDMA Band 2	WCDMA Band 4	WCDMA Band 5
1	Green Antenna	GALHPLTE02	Metal Stamp antenna	2.61	2.75	0.15

1.2. EUT Information

EUT Power Type	From DC power supply
Hardware Version	2.0
Software Version	2.0

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
- 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. 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	25 / 61	2024/08/14
Radiated Emission	HC-CB02	Scott Chang Gary Liao	22~25 / 51~58.5	2024/08/12~2024/08/16

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
High Speed Peak Power Meter Dual Input	Anritsu	ML2496A	1602004	0.3-40 GHz	2023/10/25	2024/10/24
Pulse Power Sensor	Anritsu	MA2411B	1531043	0.3-40 GHz	2023/10/25	2024/10/24
EXA Signal Analyzer	Keysight	N9010A	MY51440132	10 Hz-44 GHz	2023/12/11	2024/12/10
Pulse Power Sensor	Anritsu	MA2411B	1531044	0.3-40 GHz	2023/10/25	2024/10/24
Spectrum Analyzer	Keysight	N9010B	MY57110159	10 Hz-7 GHz	2024/03/01	2025/02/28
Signal & Spectrum Analyzer	R&S	FSV40	101869	10Hz-40GHz	2024/06/20	2025/06/19
Temperature & Humidity Test Chamber	KSON	THS-B4T-150	A0401	-40°C~+150° C/10%-98%R.H ; 114x93x162cm	2023/12/06	2024/12/05
Radio Communication Tester	Anritsu	MT8821C	6261915489	LTE & Cat.M1 & NB-IOT	2023/10/30	2024/10/29

HC-CB02

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Cal. Date	Next Cal. Date
Signal Analyzer	R&S	FSVA40	101455	10 Hz-40 GHz	2023/10/03	2024/10/02
EXA Signal Analyzer	Keysight	N9010A	MY51440132	10 Hz-44 GHz	2023/12/11	2024/12/10
Trilog Broadband Antenna	Schwarzbeck	VULB 9168	1272	30 MHz-2 GHz	2024/04/29	2025/04/28
Horn Antenna	Schwarzbeck	BBHA 9170	203	18G-40GHz	2024/02/02	2025/02/01
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
Pre-Amplifier	DEKRA	AP-400C	201801231	18G-40 GHz,48 dB	2023/10/03	2024/10/02
Radio Communication Tester	Anritsu	MT8821C	6261915489	LTE & Cat.M1 & NB-IOT	2023/10/30	2024/10/29
Coaxial Cable(13m)	Suhner	SF104	HC-CB02	30M-18 GHz	2024/08/07	2025/08/06
Coaxial Cable(3m)	Suhner,Rosnol	SF102_UP0264	HC-CB02-1	18G-40 GHz 3 m	2023/08/14	2024/08/13
Coaxial Cable(3m)	Suhner,Rosnol	SF102_UP0264	HC-CB02-1	18G-40 GHz 3 m	2024/08/13	2025/08/12
Radiated Software	Audix	e3 V9	HC-CB02_1	N/A	N/A	N/A

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			
Testing Voltage	Vnom (DC 12V)	Vmax (DC 32V)	Vmin (DC 6V)
Operational Climatic	Tnom (25°C)	Tmax (70°C)	Tmin (-30°C)

2.2. The Worst Case Measurement Configuration

Tests Item	RF Output Power Occupied Bandwidth Peak to Average Power Ratio Conducted Band Edge Frequency Stability
Test Condition	Conducted measurement at transmit chains
Test Mode	Mode 1: WCDMA Band 2 Mode 2: WCDMA Band 4 Mode 3: WCDMA Band 5

Tests Item	Transmitter Radiated Spurious Emission
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Test Mode	Mode 1: WCDMA Band 2 Mode 2: WCDMA Band 4 Mode 3: WCDMA Band 5
The EUT was performed at X axis, Y axis and Z axis position for radiated spurious emission test. The worst case was found at Z axis, so the measurement will follow this same test configuration.	

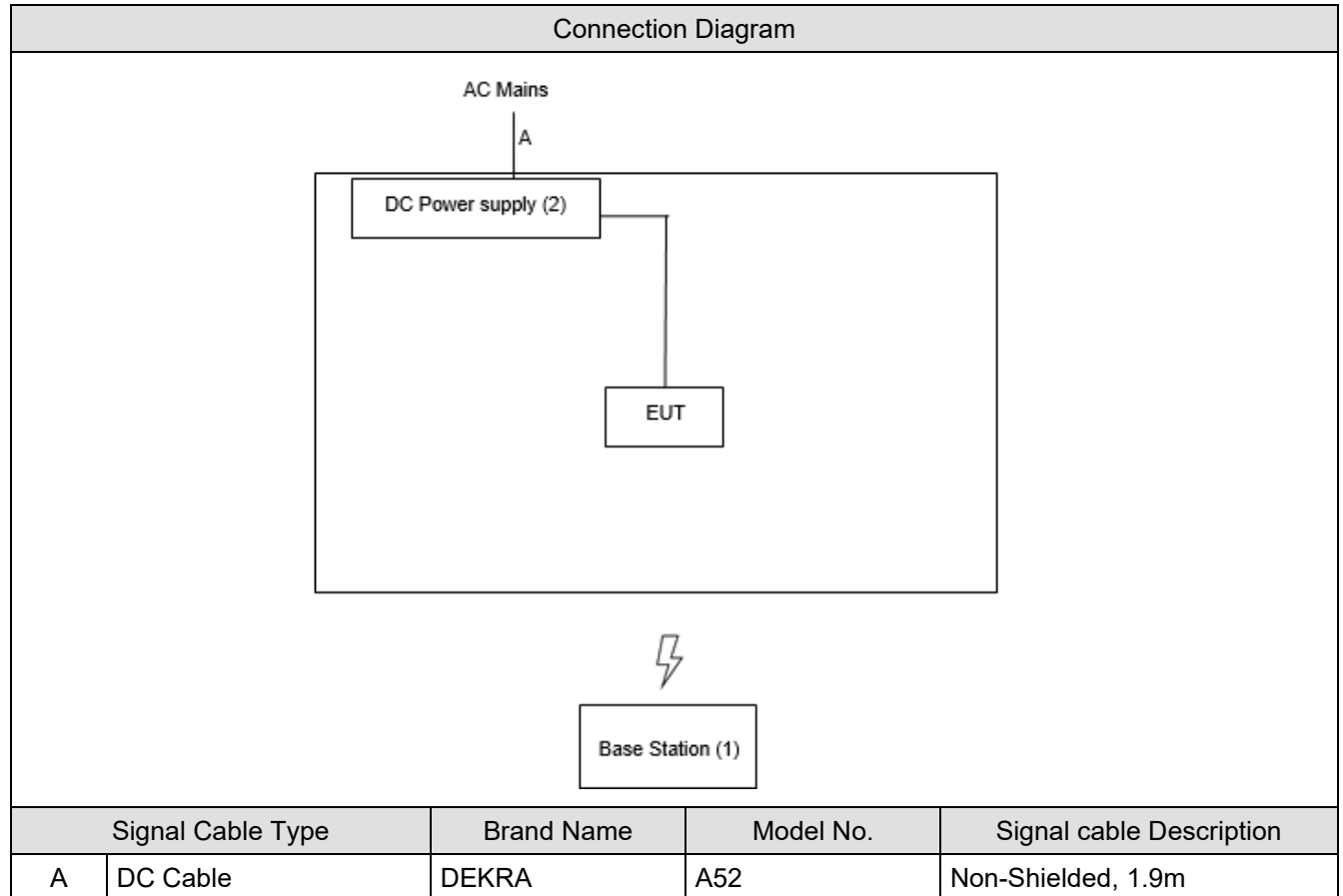
Note:

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 Z axis, so the measurement will follow this same test configuration.

2.3. Tested System Details

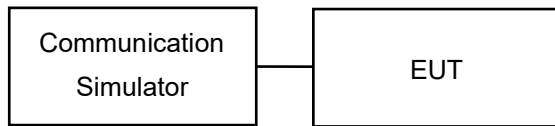
No.	Equipment	Brand Name	Model No.	Serial No.
1	Radio Communication Analyzer	Anritsu	MT8821C	6261915489
2	DC Power supply	Topward	6303D	809497

2.4. Configuration of Tested System



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:

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

where:

ERP or EIRP = effective radiated power or equivalent isotropically radiated power, respectively (expressed in the same units as P_{Meas} , 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);

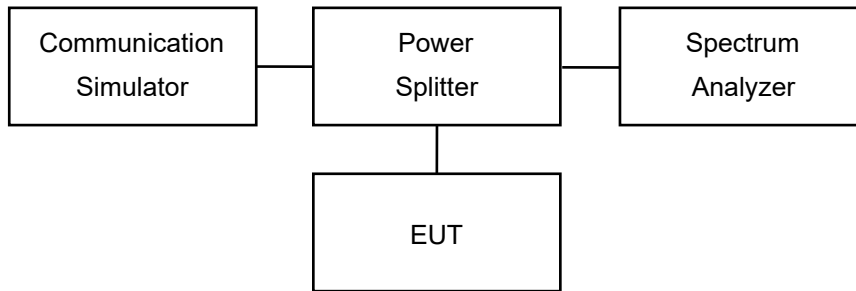
L_C = signal attenuation in the connecting cable between the transmitter and antenna, in dB

3.3. Test Result of RF Output Power

Refer as Appendix A

4. Occupied Bandwidth

4.1. Test Setup



4.2. Test Procedures

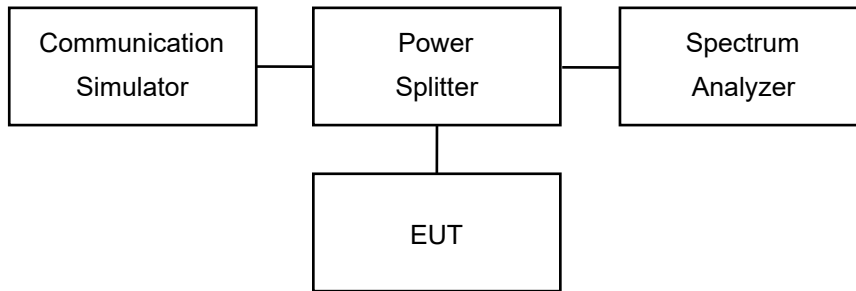
The EUT makes a call to the communication simulator. The 26dB bandwidth and 99% occupied bandwidth measurements were done at low, middle and high operational frequency range. The communication simulator station system controlled a EUT to export maximum output power under transmission mode and specific 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 $\geq$ 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 %.

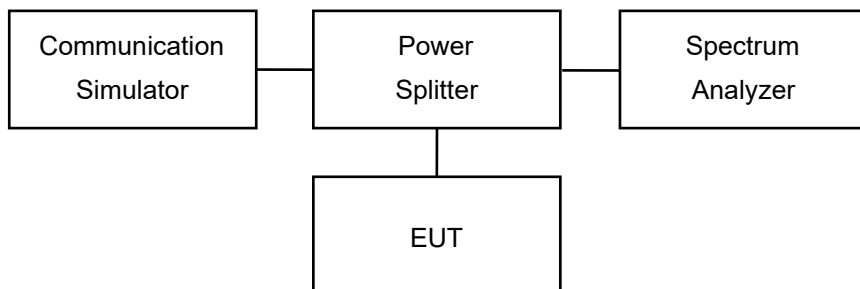
5.3. Test Result of Peak to Average Power Ratio

Refer as Appendix C

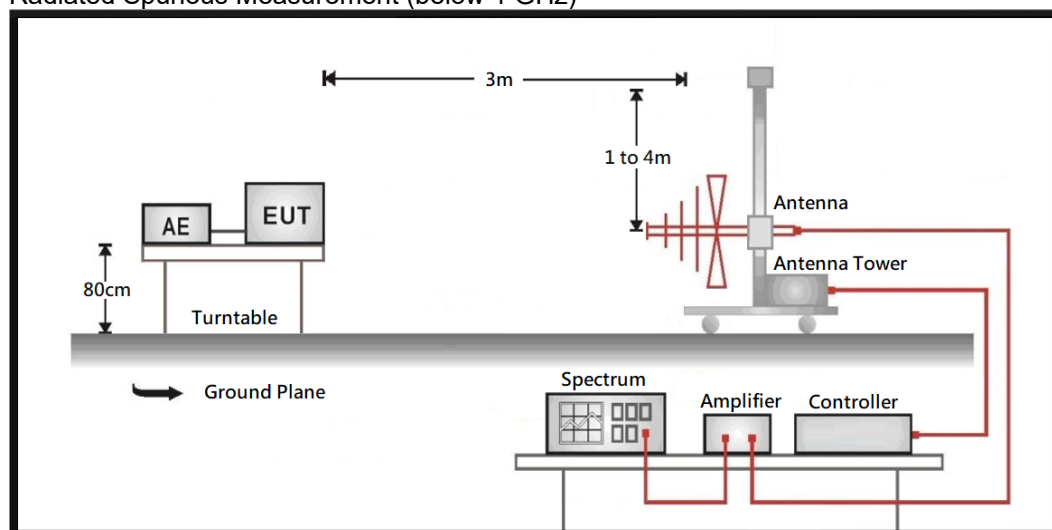
6. Spurious Emission

6.1. Test Setup

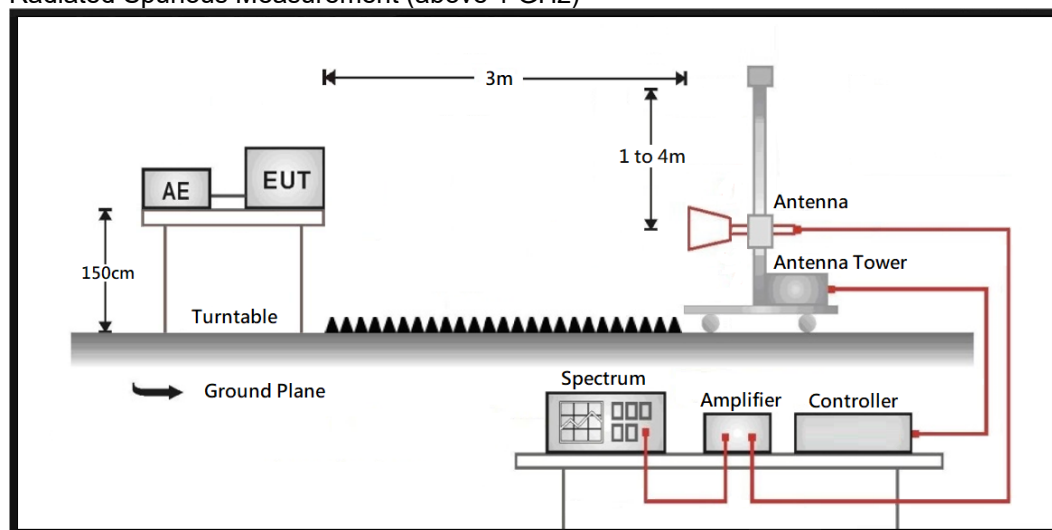
Conducted Spurious Measurement



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 10th 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

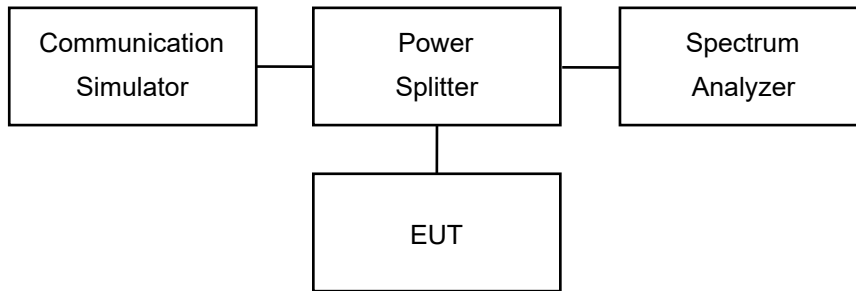
ANSI C63.26-2015

6.4. Test Result of Spurious Emission

Refer as Appendix D

7. Conducted Band Edge

7.1. Test Setup



7.2. Test Procedure

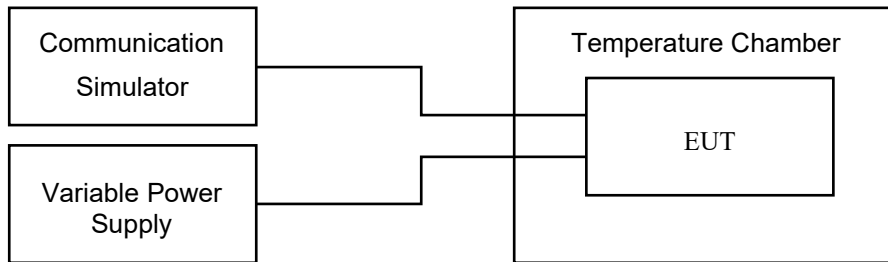
1. The EUT makes a call to the communication simulator. The communication simulator station system controlled a EUT to export maximum output power under transmission mode and specific channel frequency. The path loss was compensated to the results for each measurement.
2. In the 1MHz bands immediately 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°C operating frequency as reference frequency. Turn EUT off and set the chamber temperature to -30°C. After the temperature stabilized for approximately 30 minutes recorded the frequency. Repeat step measure with 10°C increased per stage until the highest temperature of +50°C reached.

Frequency Stability under Voltage Variations:

Set chamber temperature to 20°C. 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 ($\pm 15\%$) 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	22.85	2.6	25.450	0.351	2
	1880	22.86	2.6	25.460	0.352	2
	1907.6	22.76	2.6	25.360	0.344	2
HSUPA Subtest 1	1852.4	22.03	2.6	24.630	0.290	2
	1880	21.98	2.6	24.580	0.287	2
	1907.6	22.09	2.6	24.690	0.294	2
HSUPA Subtest 2	1852.4	22.02	2.6	24.620	0.290	2
	1880	22.03	2.6	24.630	0.290	2
	1907.6	21.99	2.6	24.590	0.288	2
HSUPA Subtest 3	1852.4	21.94	2.6	24.543	0.285	2
	1880	21.90	2.6	24.498	0.282	2
	1907.6	21.92	2.6	24.520	0.283	2
HSUPA Subtest 4	1852.4	21.89	2.6	24.491	0.281	2
	1880	22.06	2.6	24.657	0.292	2
	1907.6	21.91	2.6	24.510	0.283	2
HSUPA Subtest 5	1852.4	21.97	2.6	24.572	0.287	2
	1880	21.92	2.6	24.517	0.283	2
	1907.6	22.02	2.6	24.624	0.290	2
HSDPA Subtest 1	1852.4	21.86	2.6	24.460	0.279	2
	1880	21.65	2.6	24.250	0.266	2
	1907.6	21.49	2.6	24.090	0.256	2
HSDPA Subtest 2	1852.4	21.67	2.6	24.272	0.267	2
	1880	21.58	2.6	24.185	0.262	2
	1907.6	21.75	2.6	24.353	0.272	2
HSDPA Subtest 3	1852.4	21.64	2.6	24.237	0.265	2
	1880	21.78	2.6	24.384	0.274	2
	1907.6	21.56	2.6	24.158	0.261	2
HSDPA Subtest 4	1852.4	21.61	2.6	24.207	0.263	2
	1880	21.49	2.6	24.094	0.257	2
	1907.6	21.60	2.6	24.203	0.263	2

Note:

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

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

WCDMA Band 4						
Test Mode	Frequency (MHz)	Conducted Output Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	EIRP Limit (W)
RMC	1712.4	22.80	2.78	25.580	0.361	1
	1732.6	23.36	2.78	26.140	0.411	1
	1752.6	23.15	2.78	25.930	0.392	1
HSUPA Subtest 1	1712.4	22.11	2.78	24.890	0.308	1
	1732.6	22.59	2.78	25.370	0.344	1
	1752.6	22.60	2.78	25.380	0.345	1
HSUPA Subtest 2	1712.4	22.53	2.78	25.314	0.340	1
	1732.6	22.31	2.78	25.093	0.323	1
	1752.6	22.39	2.78	25.168	0.329	1
HSUPA Subtest 3	1712.4	22.47	2.78	25.253	0.335	1
	1732.6	22.59	2.78	25.368	0.344	1
	1752.6	22.50	2.78	25.280	0.337	1
HSUPA Subtest 4	1712.4	22.55	2.78	25.333	0.341	1
	1732.6	22.35	2.78	25.130	0.326	1
	1752.6	22.38	2.78	25.159	0.328	1
HSUPA Subtest 5	1712.4	22.55	2.78	25.333	0.341	1
	1732.6	22.55	2.78	25.332	0.341	1
	1752.6	22.54	2.78	25.315	0.340	1
HSDPA Subtest 1	1712.4	22.06	2.78	24.840	0.305	1
	1732.6	22.58	2.78	25.360	0.344	1
	1752.6	22.42	2.78	25.200	0.331	1
HSDPA Subtest 2	1712.4	22.42	2.78	25.203	0.331	1
	1732.6	22.46	2.78	25.242	0.334	1
	1752.6	22.37	2.78	25.147	0.327	1
HSDPA Subtest 3	1712.4	22.20	2.78	24.984	0.315	1
	1732.6	22.36	2.78	25.142	0.327	1
	1752.6	22.37	2.78	25.151	0.327	1
HSDPA Subtest 4	1712.4	22.39	2.78	25.168	0.329	1
	1732.6	22.26	2.78	25.038	0.319	1
	1752.6	22.53	2.78	25.312	0.340	1

Note:

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

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

WCDMA Band 5						
Test Mode	Frequency (MHz)	Conducted Output Power (dBm)	Antenna Gain (dBi)	ERP (dBm)	ERP (W)	ERP Limit (W)
RMC	826.4	23.82	0.15	21.820	0.152	7
	836.6	23.88	0.15	21.880	0.154	7
	846.6	23.80	0.15	21.800	0.151	7
HSUPA Subtest 1	826.4	22.04	0.15	20.040	0.101	7
	836.6	22.31	0.15	20.310	0.107	7
	846.6	22.17	0.15	20.170	0.104	7
HSUPA Subtest 2	826.4	22.27	0.15	20.273	0.106	7
	836.6	22.30	0.15	20.297	0.107	7
	846.6	22.28	0.15	20.282	0.107	7
HSUPA Subtest 3	826.4	22.20	0.15	20.204	0.105	7
	836.6	22.16	0.15	20.156	0.104	7
	846.6	22.17	0.15	20.172	0.104	7
HSUPA Subtest 4	826.4	22.17	0.15	20.167	0.104	7
	836.6	22.29	0.15	20.295	0.107	7
	846.6	22.29	0.15	20.294	0.107	7
HSUPA Subtest 5	826.4	22.24	0.15	20.238	0.106	7
	836.6	22.29	0.15	20.293	0.107	7
	846.6	22.22	0.15	20.216	0.105	7
HSDPA Subtest 1	826.4	21.81	0.15	19.810	0.096	7
	836.6	22.10	0.15	20.100	0.102	7
	846.6	21.74	0.15	19.740	0.094	7
HSDPA Subtest 2	826.4	22.02	0.15	20.018	0.100	7
	836.6	21.97	0.15	19.965	0.099	7
	846.6	22.03	0.15	20.032	0.101	7
HSDPA Subtest 3	826.4	21.84	0.15	19.837	0.096	7
	836.6	21.87	0.15	19.868	0.097	7
	846.6	22.07	0.15	20.068	0.102	7
HSDPA Subtest 4	826.4	22.00	0.15	20.001	0.100	7
	836.6	21.96	0.15	19.965	0.099	7
	846.6	21.97	0.15	19.972	0.099	7

Note:

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

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

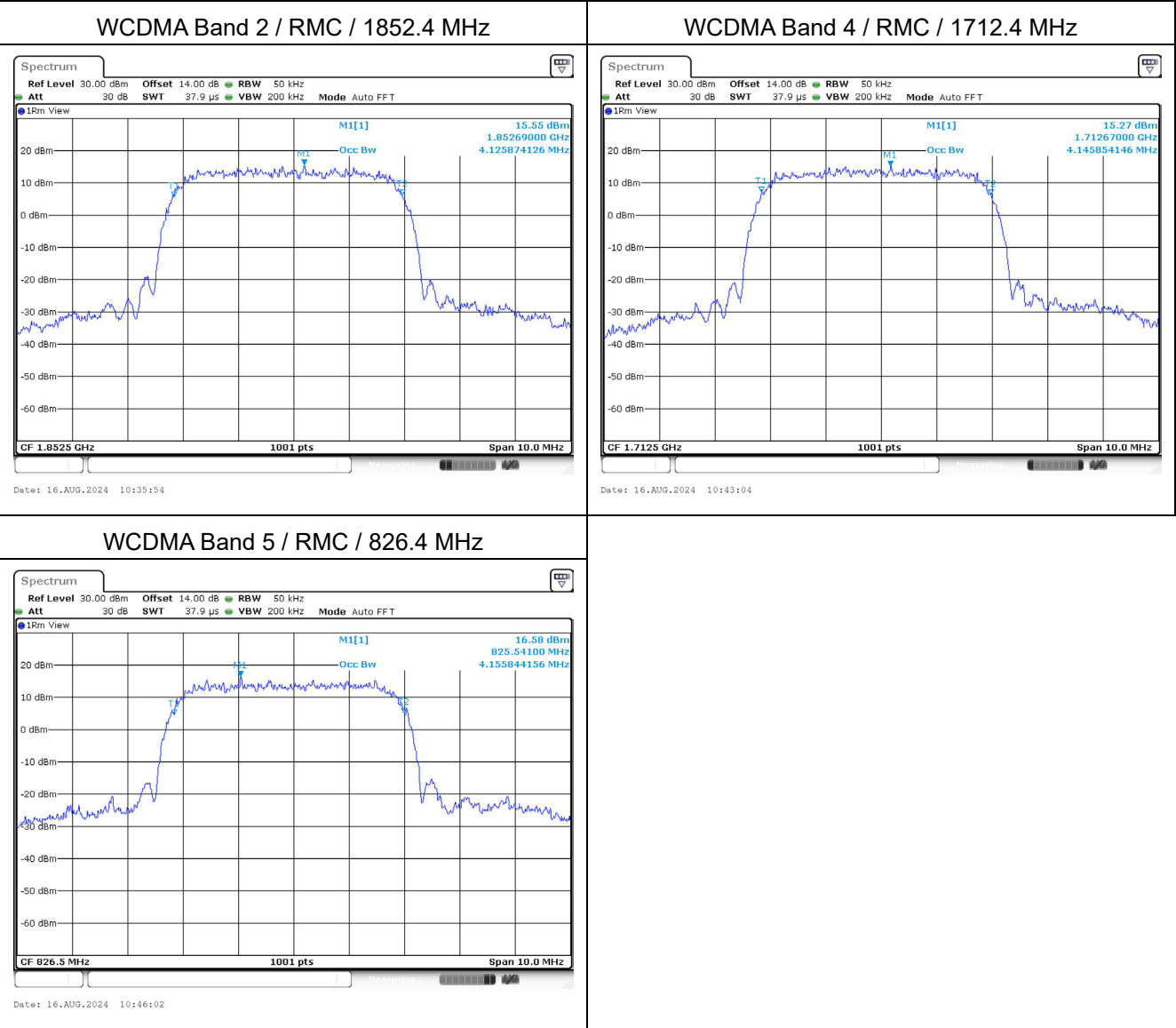
Appendix B. Test Result of Occupied Bandwidth

WCDMA Band 2					
Modulation	Channel	Frequency (MHz)	Measure Level (MHz)		Limit (MHz)
			26dB BW	99% OBW	
RMC	9262	1852.4	4.685	4.125	N/A
	9400	1880	4.685	4.125	N/A
	9538	1907.6	4.655	4.105	N/A

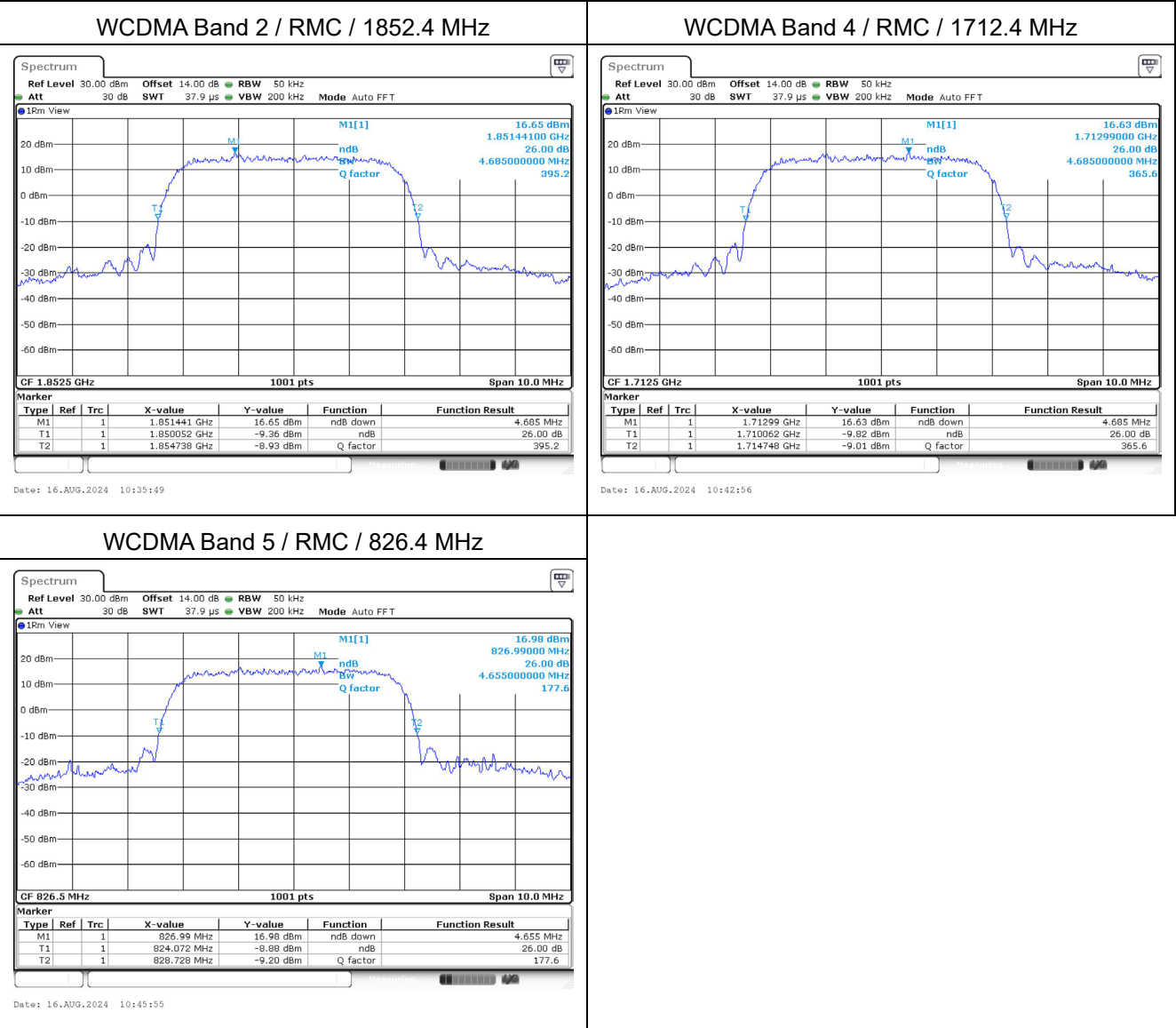
WCDMA Band 4					
Modulation	Channel	Frequency (MHz)	Measure Level (MHz)		Limit (MHz)
			26dB BW	99% OBW	
RMC	1312	1712.4	4.685	4.145	N/A
	1413	1732.6	4.685	4.145	N/A
	1513	1752.6	4.685	4.125	N/A

WCDMA Band 5					
Modulation	Channel	Frequency (MHz)	Measure Level (MHz)		Limit (MHz)
			26dB BW	99% OBW	
RMC	4132	826.4	4.655	4.155	N/A
	4183	836.6	4.665	4.125	N/A
	4233	846.6	4.645	4.105	N/A

For 99% OBW



For 26dB BW

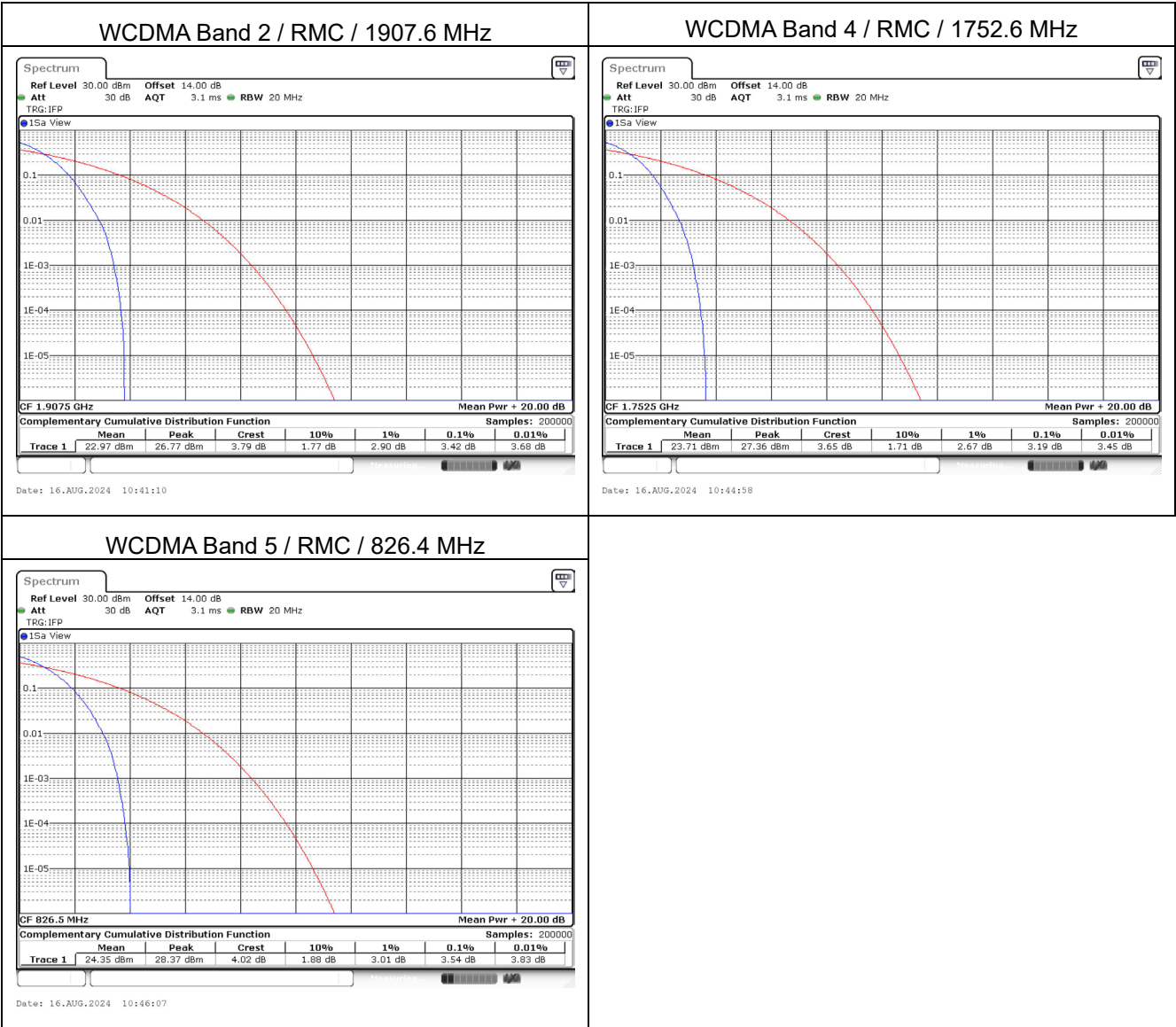


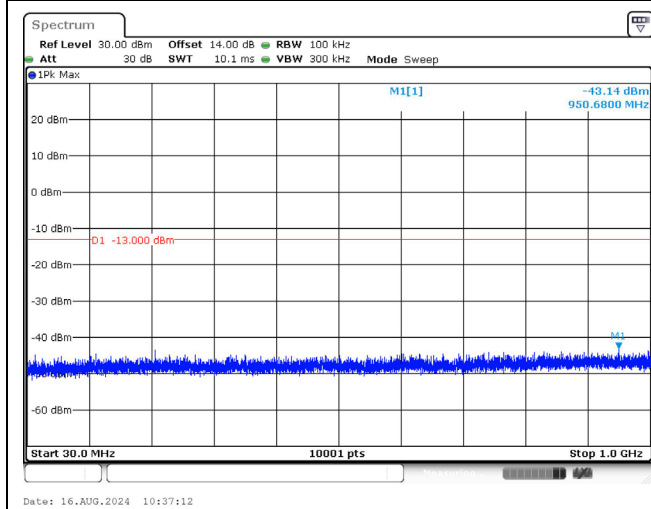
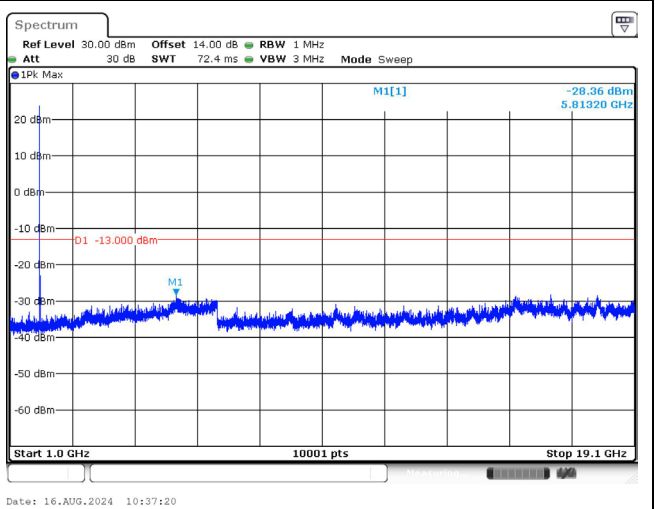
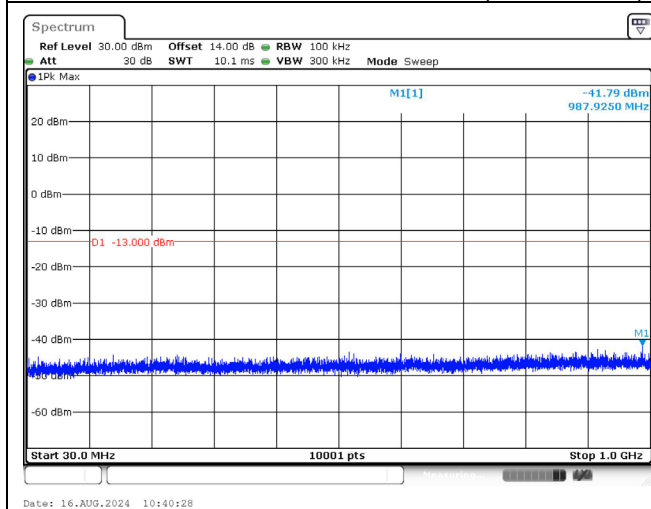
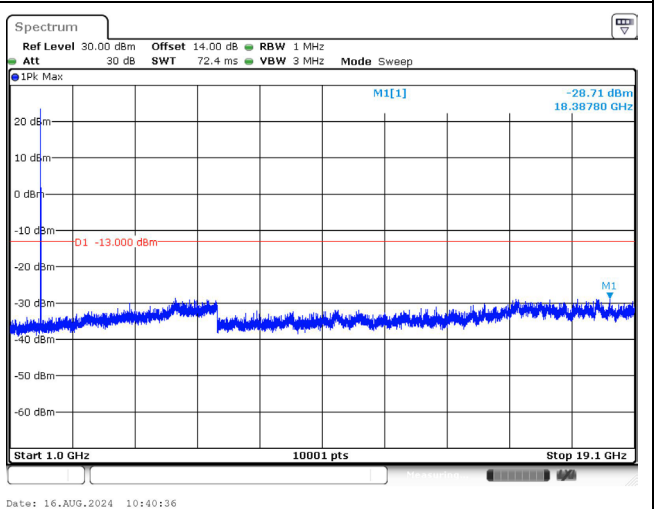
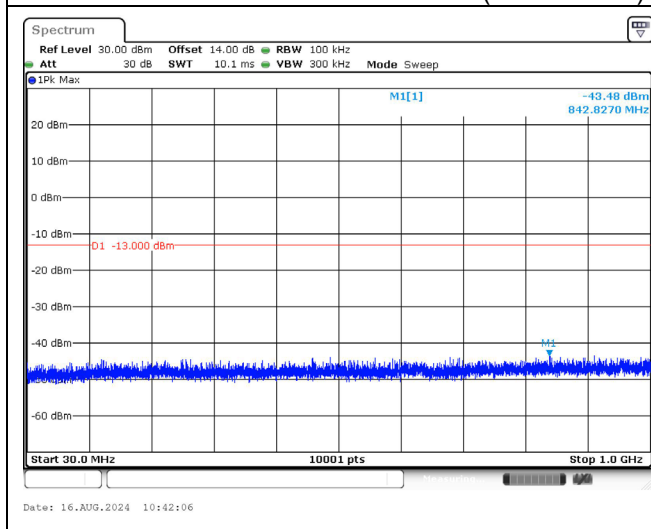
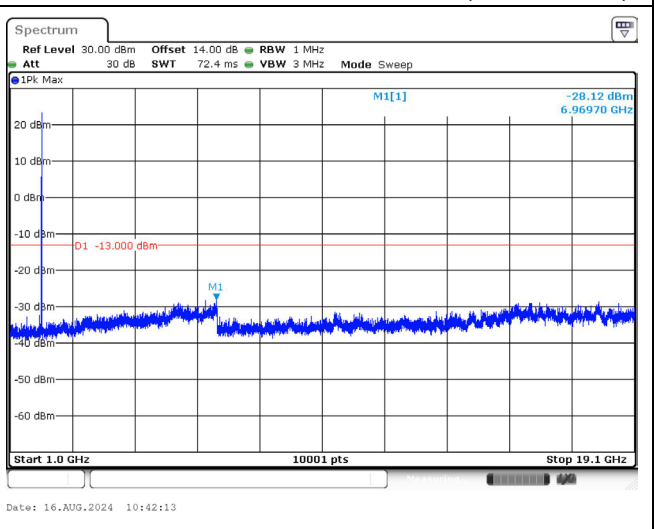
Appendix C. Test Result of Peak to Average Power Ratio

WCDMA Band 2			
Channel	Frequency (MHz)	Mode	PAPR (dB)
9262	1852.4	RMC	3.13
9400	1880.0		3.28
9538	1907.6		3.42

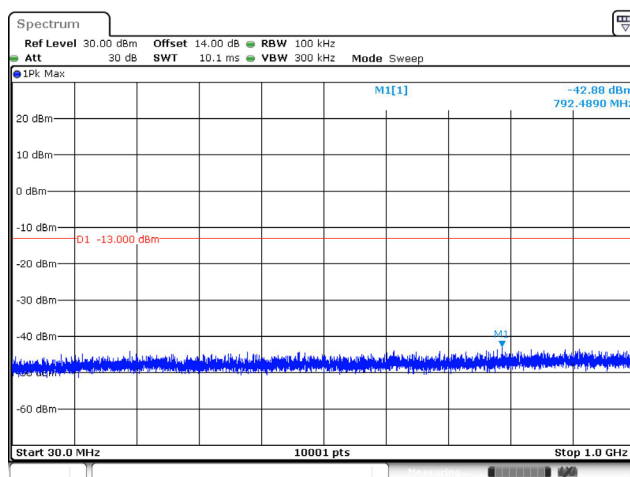
WCDMA Band 4			
Channel	Frequency (MHz)	Mode	PAPR (dB)
1312	1712.4	RMC	3.04
1413	1732.6		2.87
1513	1752.6		3.19

WCDMA Band 5			
Channel	Frequency (MHz)	Mode	PAPR (dB)
4132	826.4	RMC	3.54
4183	836.6		3.33
4233	846.6		3.54



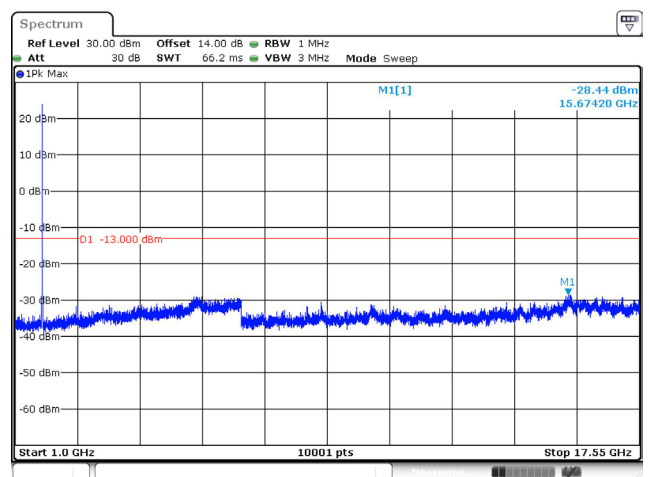
Appendix D.1 Test Result of Conducted Spurious Emission**WCDMA Band 2 / RMC / 1852.4 MHz (below 1GHz)****WCDMA Band 2 / RMC / 1852.4 MHz (above 1GHz)****WCDMA Band 2 / RMC / 1880.0 MHz (below 1GHz)****WCDMA Band 2 / RMC / 1880.0 MHz (above 1GHz)****WCDMA Band 2 / RMC / 1907.6 MHz (below 1GHz)****WCDMA Band 2 / RMC / 1907.6 MHz (above 1GHz)**

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



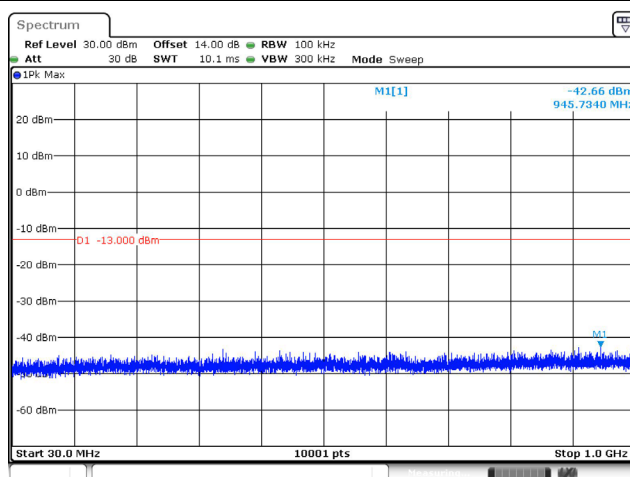
Date: 16.AUG.2024 10:43:36

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



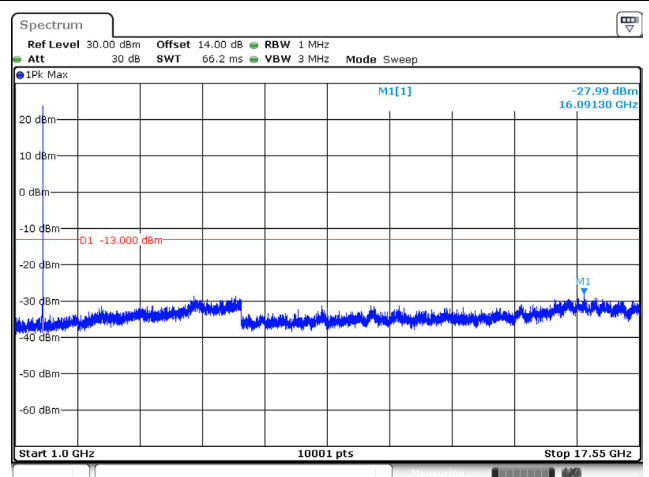
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WCDMA Band 4 / RMC / 1732.6 MHz (below 1GHz)



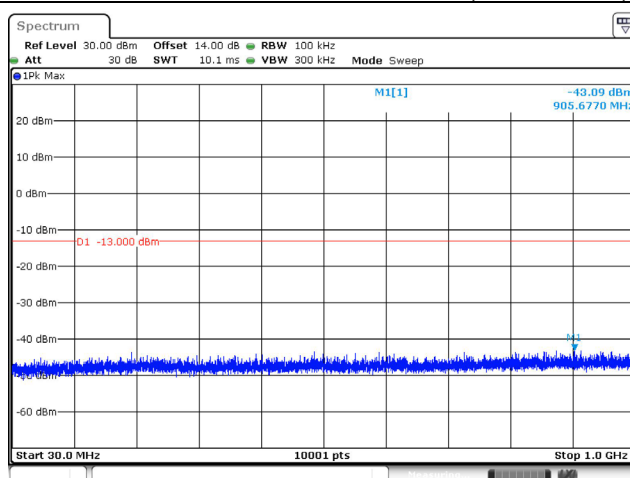
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WCDMA Band 4 / RMC / 1732.6 MHz (above 1GHz)



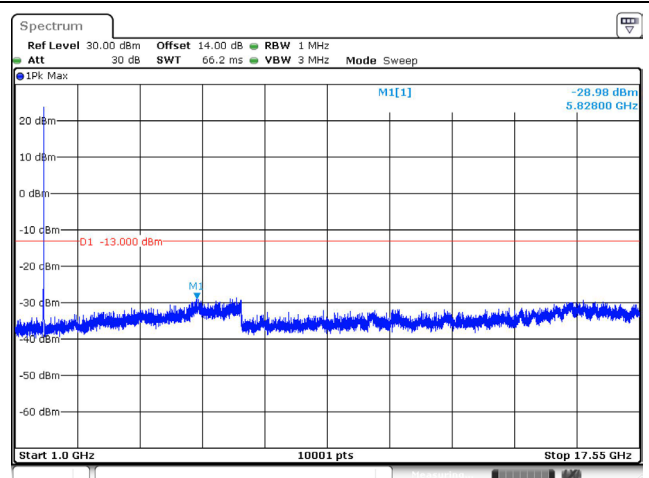
Date: 16.AUG.2024 10:44:26

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



Date: 16.AUG.2024 10:45:18

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



Date: 16.AUG.2024 10:45:26