RADIO TEST REPORT

Report No.: STS2302307W03

Issued for

AGM MOBILE LIMITED

FLAT/RM 2253 22/F HOI TAI FACTORY ESTATE TSING YEUNG CIRCUIT TUEN MUN NT HONG KONG

Product Name:	5G Smart phone
Brand:	AGM
Model Number:	AGM G2
Series Model(s):	AGM G2 Pro, AGM G2 Guardian, AGM G2 1KM, Glory G2
FCC ID:	2A3DR-G2
IC:	28715-G2
Test Standard:	FCC Part 22H, 24E and 90S RSS-132 issue 3 January 2013 RSS-133 issue 6 January 2018

Shenzhen STS Test Services Co., Ltd.
A 1/F, Building B, Zhuoke Science Park, No.190 Chongqing Road, HepingShequ, Fuyong Sub-District, Bao'an District, Shenzhen, Guang Dong, China
TEL: +86-755 3688 6288 FAX: +86-755 3688 6277 E-mail:sts@stsapp.com

TEST RESULT CERTIFICATION

Applicant's Name ..... :	AGM MOBILE LIMITED
Address ..... :	FLAT/RM 2253 22/F HOI TAI FACTORY ESTATE TSING YEUNG CIRCUIT TUEN MUN NT HONG KONG
Manufacturer's Name..... :	Shenzhen AIJIEMO Technology Company Limited
Address ..... :	1st Floor 101 and 2nd Floor 201, Building A2, Huafeng Century Technology Park, Nanchang Community, Xixiang, Baoan District, Shenzhen, China

Product Description

Product Name ..... :	5G Smart phone
Brand..... :	AGM
Model Number..... :	AGM G2
Series Model(s) ..... :	AGM G2 Pro, AGM G2 Guardian, AGM G2 1KM, Glory G2
Test Standards ..... :	FCC Part 22H, 24E and 90S RSS-132 issue 3 January 2013 RSS-133 issue 6 January 2018
Test Procedure ..... :	KDB 971168 D01 v03r01,ANSI C63.26(2015)

This device described above has been tested by STS, the test results show that the equipment under test (EUT) is in compliance with the FCC/IC requirements. And it is applicable only to the tested sample identified in the report.
This report shall not be reproduced except in full, without the written approval of STS, this document may be altered or revised by STS, personal only, and shall be noted in the revision of the document..

Date of Test.....:

Date of receipt of test item.....:	08 Feb. 2023
Date (s) of performance of tests.:	08 Feb. 2023 ~ 24 Feb. 2023
Date of Issue .....:	24 Feb. 2023
Test Result .....:	Pass

Testing Engineer : Chris Chen

(Chris Chen)

Technical Manager : Sean She

(Sean she)

Authorized Signatory : Bovey Yang

(Bovey Yang)

Table of Contents **Page**

Revision History

Rev.	Issue Date	Report NO.	Effect Page	Contents
00	24 Feb. 2023	STS2302307W03	ALL	Initial Issue

SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

The radiated emission testing was performed according to the procedures of KDB 971168 D01 v03r01 and ANSI C63.26(2015)

FCC Rules	Test Description	Test Limit	Test Result	Reference
2.1046	Conducted Output Power	Reporting Only	PASS	
22.913d 24.232d	Peak-to-Average Ratio	< 13 dB	PASS	
2.1046 22.913 24.232 90.635	Effective Radiated Power/Equivalent Isotropic Radiated Power	< 7 Watts max. ERP(Part 22) < 2 Watts max. EIRP(Part 24) < 100 Watts max. ERP(Part 90)	PASS	
2.1049 22.917 24.238 90.209	Occupied Bandwidth	Reporting Only	PASS	
2.1055 22.355 24.235 90.213	Frequency Stability	< 2.5 ppm (Part 22,90) Emission must remain in band (Part 24)	PASS	
2.1051 22.917 24.238 90.691	Spurious Emission at Antenna Terminals	< 43+10log10(P[Watts])	PASS	
2.1051 22.917 24.238 90.691	Field Strength of Spurious Radiation	< 43+10log10(P[Watts])	PASS	
2.1051 22.917 24.238 90.691	Band Edge	< 43+10log10(P[Watts])	PASS	

Item Number	Item Description		IC Rules
1	Output Power	Conducted output power	RSS-132 Issue 3, January 2013(5.4) RSS-133 Issue 6, January 2018(6.4)
		Radiated output power	
		Peak to Average Ratio	
2	Spurious Emission	Conducted spurious emission	RSS-132 Issue 3, January 2013(5.5) RSS-133 Issue 6, January 2018(6.5)
		Radiated spurious emission	
3	Frequency Stability		RSS-132 Issue 3, January 2013 (5.3) RSS-133 Issue 6, January 2018 (6.3)
4	Occupied Bandwidth		RSS-132 Issue 3, January 2013 (3.1) RSS-133 Issue 6, January 2018 (3.1)
	Emission Bandwidth		
5	Band Edge		RSS-132 Issue 3, January 2013 (5.5) RSS-133 Issue 6, January 2018(6.5.1)
6	Receiver spurious emissions		RSS-132 Issue 3, January 2013(5.6) RSS-133 Issue 6, January 2013(6.6) RSS-Gen Issue 5, March 2019 (7.3)

1 INTRODUCTION

1.1 TEST FACTORY

SHENZHEN STS TEST SERVICES CO., LTD
Add. : A 1/F, Building B, Zhuoke Science Park, No.190 Chongqing Road, HepingShequ, Fuyong Sub-District, Bao'an District, Shenzhen, Guang Dong, China
FCC test Firm Registration Number: 625569
IC test Firm Registration Number: 12108A
A2LA Certificate No.: 4338.01

1.2 MEASUREMENT UNCERTAINTY

The measurement uncertainties shown below were calculated in accordance with the requirements ofANSI C63.4-2014. All measurement uncertainty values are shown with a coverage factor of k = 2 toindicate a 95% level of confidence. The measurement data shown herein meets or exceeds the UCISPRmeasurement uncertainty values specified in CISPR 16-4-2 and, thus, can be compared directly tospecified limits to determine compliance.

No.	Item	Uncertainty
1	RF output power, conducted	±1.197dB
2	Unwanted Emissions, conducted	±2.896dB
3	All emissions, radiated 9K-30MHz	±3.84dB
4	All emissions, radiated 30M-1GHz	±3.94dB
5	All emissions, radiated 1G-6GHz	±4.59dB
6	All emissions, radiated>6G	±5.22dB
7	Conducted Emission (9KHz-150KHz)	±2.14dB
8	Conducted Emission (150KHz-30MHz)	±2.54dB

2 PRODUCT INFORMATION

Product Name/PMN	5G Smart phone
Brand	AGM
Model Number/HVIN	AGM G2
Series Model(s)	AGM G2 Pro, AGM G2 Guardian, AGM G2 1KM, Glory G2
Model Difference	Only different in model name.
Tx Frequency:	CDMA&EVDO: BC0: 824.70 MHz~ 848.31 MHz BC1: 1851.25 MHz~ 1908.75 MHz BC10: 817.9 MHz~ 823.10MHz
Rx Frequency:	CDMA&EVDO: BC0: 869.70 MHz~ 894.30 MHz BC1: 1931.25 MHz~ 1988.75 MHz BC10: 862.9 MHz~ 868.1 MHz
Max RF Output Power:	CDMA BC0: 20.11dBm, CDMA BC1: 21.99dBm, CDMA BC10: 25.46dBm
Type of Emission:	CDMA BC0: 1M29F9W; CDMA BC1:1M28F9W; CDMA BC10:1M28F9W EVDO BC0:1M30F9W; EVDO BC1:1M29F9W; EVDO BC10:1M28F9W
Modulation Characteristics:	CDMA&EVDO: QPSK/8PSK
SIM Card:	SIM 1 and SIM 2 is a chipset unit and tested as single chipset, SIM 1 is used to tested.
Antenna:	PIFA
Antenna gain:	BC0: 0.26dBi, BC1: 1.28dBi, BC10: 0.26dBi
Battery parameter:	Rated Voltage:3.85V Charge Limit Voltage: 4.4V Capacity: 7000mAh
Adapter:	Input: 100-240V,50/60Hz，0.5A Output: 5V 3A, 9V 2A, 12V 1.5A
GPRS/EDGE Class:	Multi-Class12
Extreme Vol. Limits:	DC 3.6V~ DC 4.4V(Normal: DC 3.85V)
Extreme Temp. Tolerance	-30℃ to +50℃
Operating Temp.	0℃ to +40℃
Hardware version number:	V1.00
Software version number/FVIN	N2060.6.01.00.00
Serial Numbers	
*** Note: The High Voltage 4.4V and Low Voltage 3.6V was declared by manufacturer, The EUT couldn't be operate normally with higher or lower voltage, the antenna information refer the manufacturer provide report, applicable only to the tested sample identified in the report.*	

3 MEASUREMENT INSTRUMENTS

RF Radiation Test Equipment					
Kind of Equipment	**Manufacturer**	**Type No.**	**Serial No.**	**Last Calibration**	**Calibrated Until**
Temperature & Humidity	SW-108	SuWei	N/A	2022.03.02	2023.03.01
UXM 5G Wireless Test Platform	Keysight	E7515B	MY60101078	2022.10.10	2023.10.9
Wireless Communications Test Set	R&S	CMW 500	117239	2022.03.01	2023.02.28
Pre-Amplifier(0.1M-3GHz)	EM	EM330	060665	2022.07.04	2023.07.03
Pre-Amplifier (1G-18GHz)	SKET	LNPA-01018G-45	SK2018080901	2022.09.29	2023.09.28
Positioning Controller	MF	MF-7802	MF-780208587	N/A	N/A
Signal Analyzer	R&S	FSV 40-N	101823	2022.09.29	2023.09.28
Switch Control Box	N/A	N/A	N/A	N/A	N/A
Filter Box	BALUN Technology	SU319E	BL-SZ1530051	N/A	N/A
Video Controller	SKET	FCS C-3	N/A	N/A	N/A
Bilog Antenna	TESEQ	CBL6111D	34678	2022.09.30	2024.09.29
Horn Antenna	SCHWARZBECK	BBHA 9120D	02014	2021.10.11	2023.10.10
Antenna Mast	MF	MFA-440H	N/A	N/A	N/A
Turn Table	MF	N/A	N/A	N/A	N/A
AC Power Source	APC	KDF-11010G	F214050035	N/A	N/A
DC Power Supply	Zhaoxin	RXN 605D	20R605D11010081	N/A	N/A
Test SW	EMC Test Software	15.2.0.339			
	EZ-EMC	Ver.STSLAB-03A1 RE			
RF Connected Test Equipment					
Kind of Equipment	**Manufacturer**	**Type No.**	**Serial No.**	**Last Calibration**	**Calibrated Until**
Temperature & Humidity	SW-108	SuWei	N/A	2022.03.02	2023.03.01
UXM 5G Wireless Test Platform	Keysight	E7515B	MY60101078	2022.10.10	2023.10.9
Wireless Communications Test Set	R&S	CMW 500	131428	2022.03.01	2023.02.28
Signal Analyzer	Agilent	N9020A	MY52440124	2022.03.01	2023.02.28
RF Automatic Test System	Maiwei	MW200-SFCB	N/A	N/A	N/A
Temperature & Humidity Test Chamber	Safety test	AG80L	171200018	2022.03.01	2023.02.28
Programmable Power Supply	Agilent	E3642A	MY40002025	2022.09.29	2023.09.28
Test SW	MTS 8200 CE	2.0.0.0			

Equipment with a calibration date of “NCR” shown in this list was not used to make direct calibrated measurements.

4 TEST ITEMS

4.1 CONDUCTED OUTPUT POWER&TRANSMITTER RADIATED POWER

TEST OVERVIEW

CONDUCTED OUTPUT POWER:
A system simulator was used to establish communication with the EUT. Its parameters were set to enforce EUT transmitting at the maximum power. The measured power in the radio frequency on the transmitter output terminals shall be reported.
TRANSMITTER RADIATED POWER (EIRP/ERP)
Determining ERP and/or EIRP from conducted RF output power measurements according to ANSI C63.26 2015 Section 5.2.5.5.
In many cases, RF output power limits are specified in terms of the ERP or the EIRP. Typically, ERP is specified when the operating frequency is less than or equal to 1 GHz and EIRP is specified when the operating frequency is greater than 1 GHz. Both are defined as the product of the power supplied to the antenna and its gain (relative to a dipole antenna in the case of ERP, and relative to an isotropic antenna in the case of EIRP); however, when working in decibels (i.e., logarithmic scale), the ERP and EIRP represent the sum of the transmit antenna gain (in dBd or dBi, respectively) and the conducted RF output power (expressed in dB relative to watts or milliwatts).
The relevant equation for determining the maximum ERP or EIRP from the measured RF output power is given in Equation (1) as follows:
(1) ERP or EIRP = PMeas + GT
ERP= EIRP-2.15
where
ERP or EIRP effective radiated power or equivalent isotropically radiated power, respectively (expressed in the same units as PMeas, e.g., dBm or dBW)
PMeas measured transmitter output power or PSD, in dBm or dBW
GT gain of the transmitting antenna, in dBd (ERP) or dBi (EIRP)
For devices utilizing multiple antennas, see 6.4 for guidance with respect to determining the effective array transmit antenna gain term to be used in the above equation.
The following equations demonstrate the mathematical relationship between ERP and EIRP:
a) ERP = EIRP − 2.15, where ERP and EIRP are expressed in consistent units.
b) EIRP = ERP + 2.15, where ERP and EIRP are expressed in consistent units.

TEST PROCEDURES

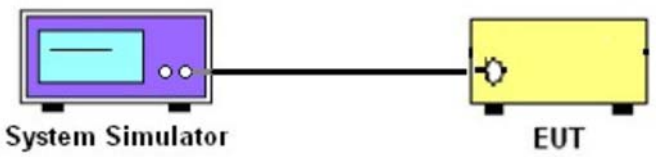
1. The transmitter output port was connected to the system simulator.

2. Set eut at maximum power through the system simulator.

3. Select lowest, middle, and highest channels for each band and different modulation.

4. Measure and record the power level from the system simulator.

TEST SETUP



TEST RESULT

Note: Test data See Appendix 1.

4.2 PEAK TO AVERAGE RATIO

TEST OVERVIEW

According to §24.232(d), power measurements for transmissions by stations authorized under this section may be made either in accordance with a commission-approved average power technique or in compliance with paragraph (e) of this section. In both instances, equipment employed must be authorized in accordance with the provisions of §24.51. In measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 db.

TEST PROCEDURES

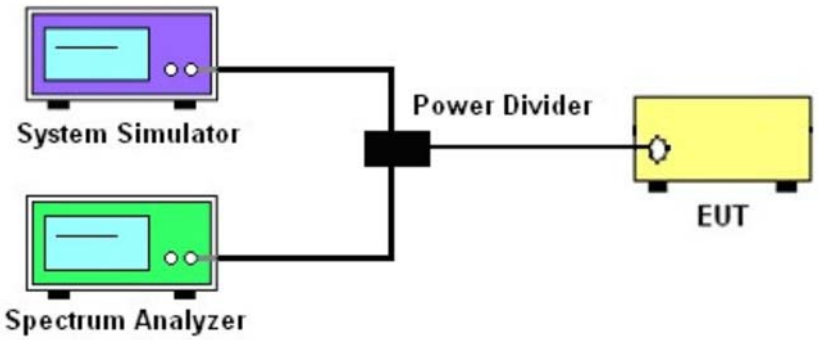
1. The testing follows FCC KDB 971168 v03r01 section.

2. The eut was connected to the peak and av system simulator& spectrum analyzer.

3. Select lowest, middle, and highest channels for each band and different modulation.

4. Set the test probe and measure average power of the spectrum analysis,

TEST SETUP



TEST RESULT

Note: Test data See Appendix 2.

4.3 OCCUPIED BANDWIDTH

TEST OVERVIEW

The occupied bandwidth, that is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5 percent of the total mean power radiated by a given emission shall be measured.

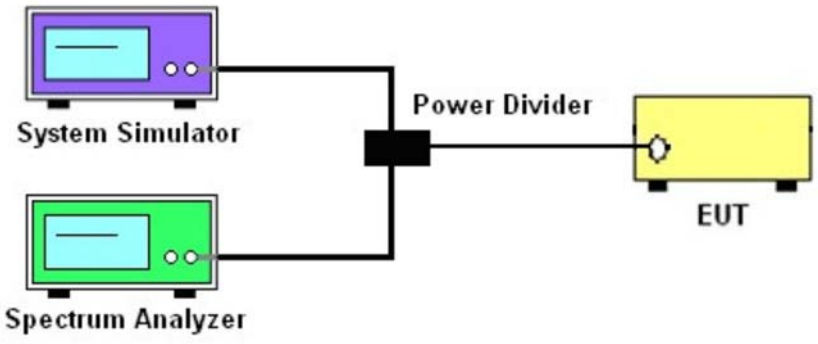
The 26 dB emission bandwidth is defined as the frequency range between two points, one above and one below the carrier frequency, at which the spectral density of the emission is attenuated 26 Db below the maximum in-band spectral density of the modulated signal. Spectral density (power per unit bandwidth)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

All modes of operation were investigated and the worst case configuration results are reported in this section.

TEST PROCEDURE

1. The signal analyzer's automatic bandwidth measurement capability was used to perform the 99% occupied bandwidth and the 26dB bandwidth. The bandwidth measurement was not influenced by any intermediate power nulls in the fundamental emission.
2. RBW = 1 – 5% of the expected OBW
3. VBW ≥ 3 x RBW
4. Detector = Peak
5. Trace mode = max hold
6. Sweep = auto couple
7.The trace was allowed to stabilize
8. If necessary, steps 2 – 7 were repeated after changing the RBW such that it would be within 1 – 5% of the 99% occupied bandwidth observed in Step 7

TEST SETUP



TEST RESULT

Note: Test data See Appendix 3.

4.4 FREQUENCY STABILITY

TEST OVERVIEW

Frequency stability testing is performed in accordance with the guidelines of ANSI C63.26 2015.

The frequency stability of the transmitter is measured by:

a.) Temperature: The temperature is varied from -30°C to +50°C in 10°C increments using an environmental chamber.

b.) Primary Supply Voltage: The primary supply voltage is varied from 85% to 115% of the nominal value for non hand-carried battery and AC powered equipment. For hand-carried, battery-powered equipment, primary supply voltage is reduced to the battery operating end point which shall be specified by the manufacturer.

For Part 22, the frequency stability of the transmitter shall be maintained within ±0.00025% (±2.5 ppm) of the center frequency. For Part 24 the frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

TEST PROCEDURE

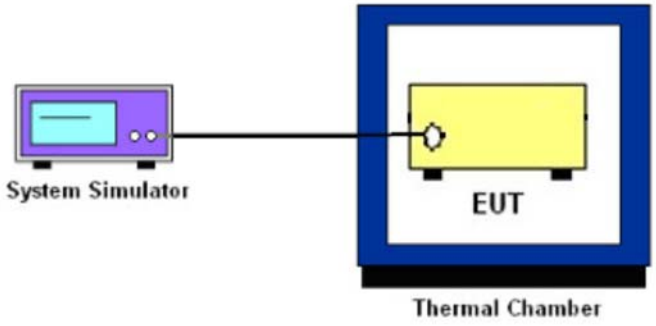
Temperature Variation

1. The testing follows FCC KDB 971168 D01 section 9.0
2. The EUT was set up in the thermal chamber and connected with the system simulator.
3. With power OFF, the temperature was decreased to -30°C and the EUT was stabilized before testing. Power was applied and the maximum change in frequency was recorded within one minute.
4. With power OFF, the temperature was raised in 10°C steps up to 50°C. The EUT was stabilized at each step for at least half an hour. Power was applied and the maximum frequency change was recorded within one minute.

Voltage Variation

1. The testing follows FCC KDB 971168 D01 Section 9.0.
2. The EUT was placed in a temperature chamber at 25±5° C and connected with the system simulator.
3. The power supply voltage to the EUT was varied from 85% to 115% of the nominal value measured at the input to the EUT.
4. The variation in frequency was measured for the worst case.

TEST SETUP



TEST RESULT

Note: Test data See Appendix 4.

4.5 SPURIOUS EMISSIONS AT ANTENNA TERMINALS

TEST OVERVIEW

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

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

TEST PROCEDURE

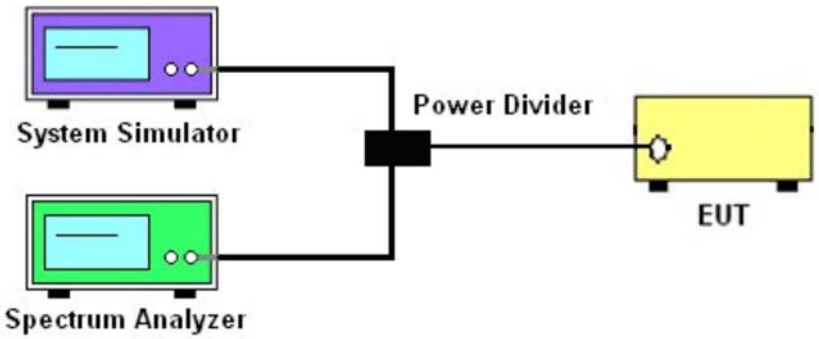
1. The testing FCC KDB 971168 D01 v03r01 Section 6.0. and ANSI C63.26-2015-Section 5.7.
2. The EUT was connected to the spectrum analyzer and system simulator via a power divider.
3. The RF output of EUT was connected to the spectrum analyzer by an RF cable and attenuator. The path loss was compensated to the results for each measurement.
4. The middle channel for the highest RF power within the transmitting frequency was measured.
5. The conducted spurious emission for the whole frequency range was taken.
6. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
7. The limit line is derived from 43 + 10log(P) dB below the transmitter power P(Watts)

= P(W) - [43 + 10log(P)] (dB)

= [30 + 10log(P)] (dBm) - [43 + 10log(P)] (dB)

= -13dBm.

TEST SETUP



TEST RESULT

Note: Test data See Appendix 5.

4.6 BAND EDGE

TEST OVERVIEW

All out of band emissions are measured with a spectrum analyzer connected to the antenna terminal of the EUT while the EUT is operating at maximum power, and at the appropriate frequencies. All data rates were investigated to determine the worst case configuration. All modes of operation were investigated and the worst case configuration results are reported in this section.

The minimum permissible attenuation level of any spurious emission is 43 + log10(P[Watts]), where P is the transmitter power in Watts.

TEST PROCEDURE

1. The testing FCC KDB 971168 D01 v03r01 Section 6.0 and ANSI C63.26-2015-Section 5.7
2. Start and stop frequency were set such that the band edge would be placed in the center of the Plot.
3. The EUT was connected to the spectrum analyzer and system simulator via a power divider.
4. The RF output of EUT was connected to the spectrum analyzer by an RF cable and attenuator.

The path loss was compensated to the results for each measurement.

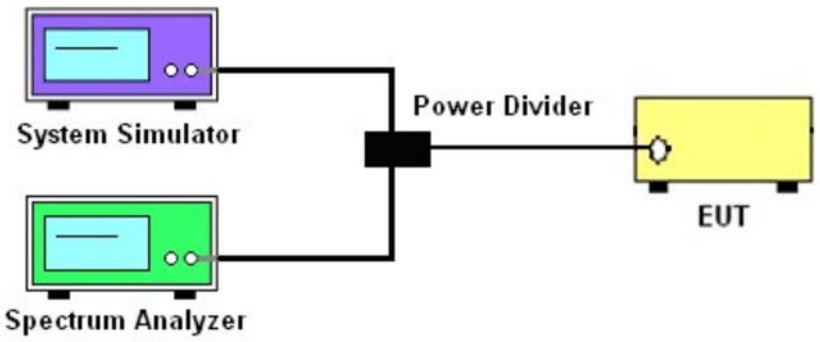
5. The band edges of low and high channels for the highest RF powers were measured.
6. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
7. The limit line is derived from 43 + 10log(P) dB below the transmitter power P(Watts)

= P(W) - [43 + 10log(P)] (dB)

= [30 + 10log(P)] (dBm) - [43 + 10log(P)] (dB)

= -13dBm.

TEST SETUP



TEST RESULT

Note: Test data See Appendix 6.

4.7 FIELD STRENGTH OF SPURIOUS RADIATION MEASUREMENT

TEST OVERVIEW

Radiated spurious emissions measurements are performed using the substitution method described in ANSI C63.26-2015 with the EUT transmitting into an integral antenna. Measurements on signalsoperating below 1GHz are performed using horizontally and vertically polarized tuned dipole antennas.Measurements on signals operating above 1GHz are performed using vertically and horizontally polarizedhorn antennas. All measurements are performed as peak measurements while the EUT isoperating at maximum power and at the appropriate frequencies.

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

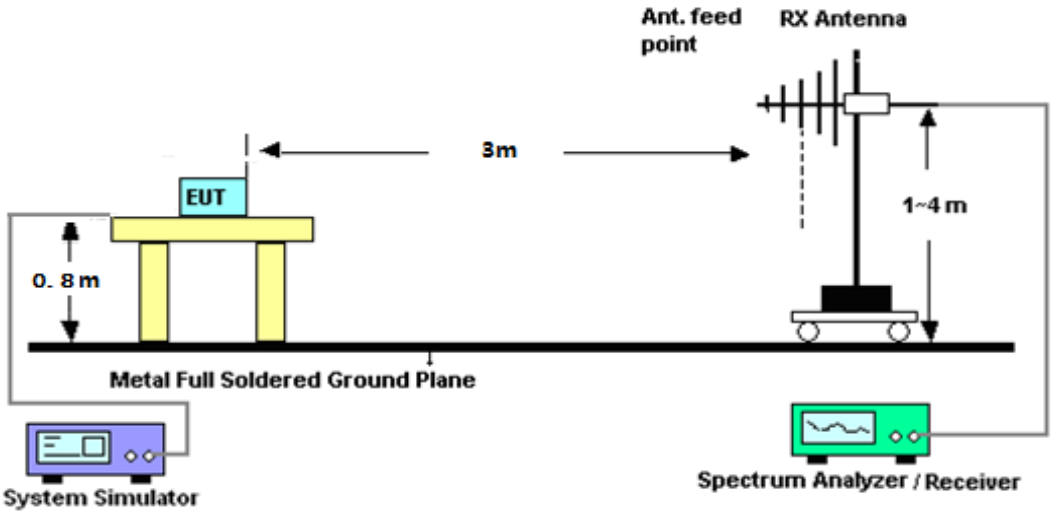
TEST PROCEDURE

1. The testing FCC KDB 971168 D01 Section 5.8 and ANSI C63.26-2015-Section 5.5.
2. RBW = 100kHz for emissions below 1GHz and 1MHz for emissions above 1GHz
3. VBW ≥ 3 x RBW
4. Span = 1.5 times the OBW
5.No. of sweep points > 2 x span/RBW
6. Detector = Peak
7. Trace mode = max hold
8. The trace was allowed to stabilize
9. Effective Isotropic Spurious Radiation was measured by substitution method according to TIA/EIA-603-D. The EUT was replaced by the substitution antenna at same location, and then a known power from S.G. was applied into the dipole antenna through a Tx cable, and then recorded the maximum Analyzer reading through raised and lowered the test antenna.

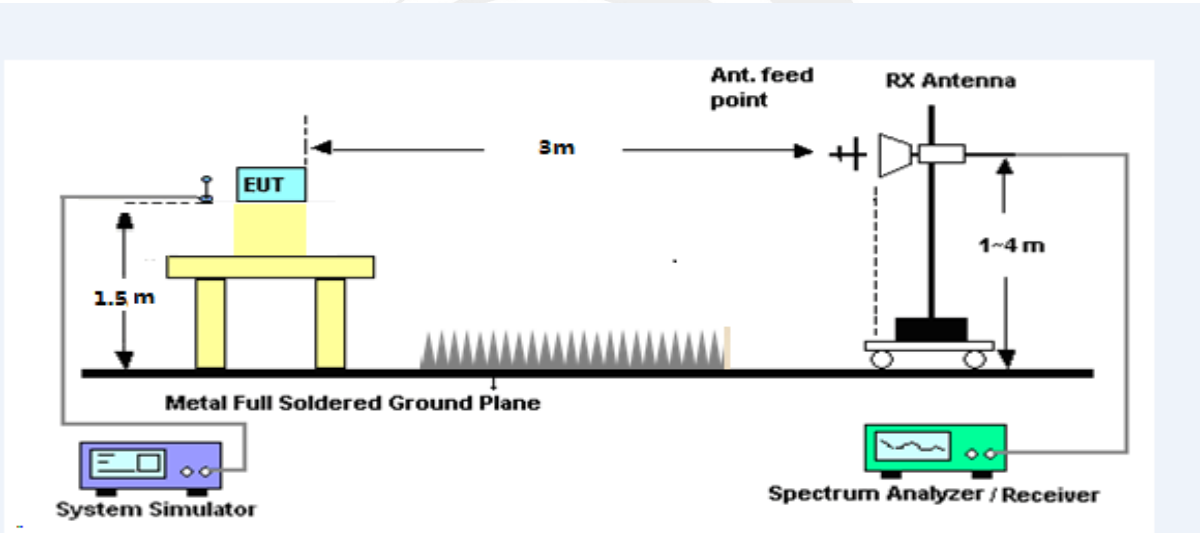
PMea=S.G Level+ Ant-Cable loss; Margin=PMea-Limit.

TEST SETUP

For radiated test from 30MHz to 1GHz



For radiated test from above 1GHz



TEST RESULT

Note: Test data See Appendix 7.

4.8 RECEIVER SPURIOUS EMISSIONS

TEST LIMIT

Radiated emission measurements shall be performed with the receiver antenna connected to the receiver antenna ports. The search for spurious emissions shall be from the lowest frequency internally generated or used in the receiver (e.g. local oscillator, intermediate or carrier frequency), or 30 MHz, whichever is higher, to at least five times the highest tunable or local oscillator frequency, whichever is higher, without exceeding 40 GHz.

Spurious emissions from receivers shall not exceed the radiated emissions limits shown in table 3.

Table 3 – Receiver radiated emissions limits

Frequency (MHz)	Field strength (μV/m at 3 metres)Note 1
30-88	100
88-216	150
216-960	200
Above 960	500

Note 1: Measurements for compliance with the limits in table 3 may be performed at distances other than 3 metres, in accordance with section 6.6.

TEST PROCEDURE

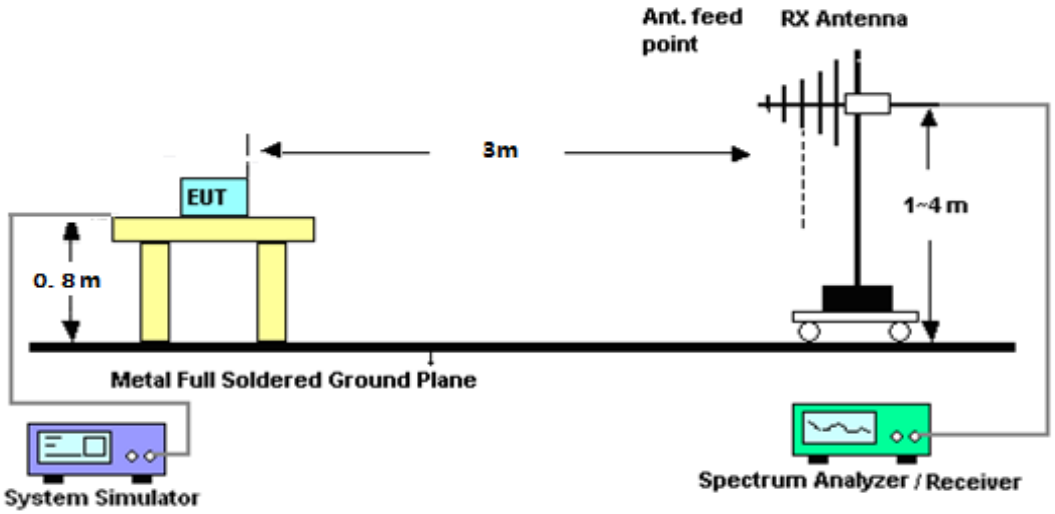
a. The measuring distance of at 3 m shall be used for measurements at frequency 0.009MHz up to 1GHz,and above 1GHz.
b. The EUT was placed on the top of a rotating table 0.8 meters (above 1GHz is 1.5 m) above the ground at a 3 meter anechoic chamber test site. The table was rotated 360 degrees to determine the position of the highest radiation.
c. The height of the equipment shall be 0.8 m(above 1GHz is 1.5 m); the height of the test antenna shall vary between 1 m to 4 m. horizontal and vertical polarizations of the antenna are set to make the measurement.
d. The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then QuasiPeak detector mode re-measured.
e. If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed.
f. For the actual test configuration, please refer to the related Item –EUT Test Photos.

Note:

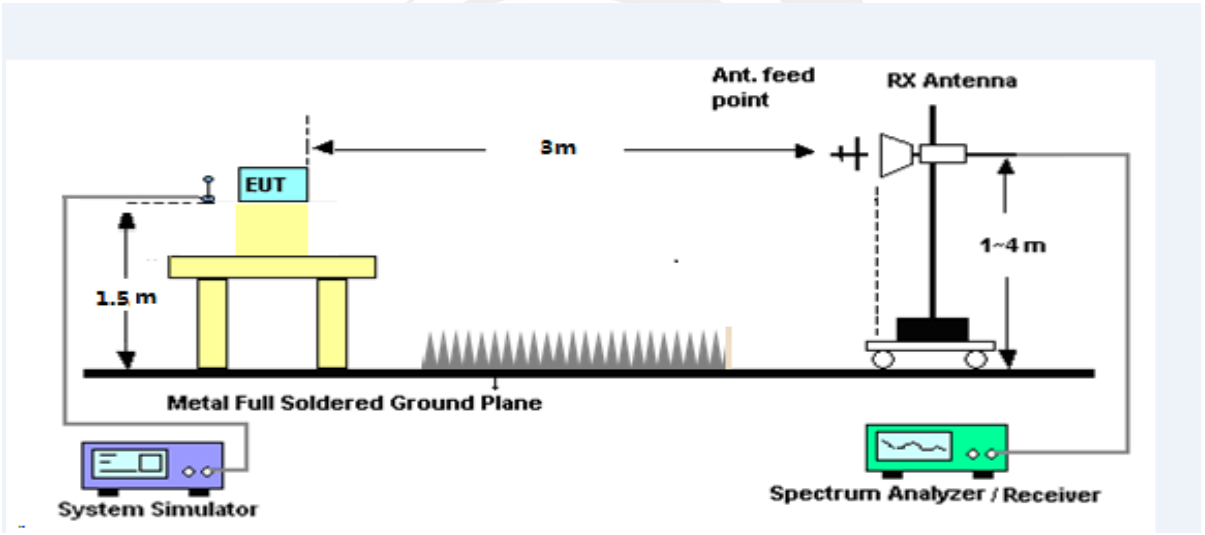
Both horizontal and vertical antenna polarities were tested and performed pretest to three orthogonal axis. The worst case emissions were reported

TEST SETUP

For radiated test from 30MHz to 1GHz



For radiated test from above 1GHz



TEST RESULT

Note: Test data See Appendix 8.

APPENDIX A.TESTRESULT

A1. CONDUCTED OUTPUT POWER&TRANSMITTER RADIATED POWER

FCC

CDMA BC0							
Mode	Frequency (MHz)	Conduction AVG Power(dBm)	Ant Gain（dBi）	ERP (dBm)	ERP Limit (W)	ERP Limit (dBm)	Conclusion
CDMA BC0	824.70	19.89	0.26	18.00	7.00	38.45	PASS
	836.52	19.77	0.26	17.88	7.00	38.45	PASS
	848.31	19.89	0.26	18.00	7.00	38.45	PASS
EVDO BC0	824.70	20.11	0.26	18.22	7.00	38.45	PASS
	836.52	20.04	0.26	18.15	7.00	38.45	PASS
	848.31	19.89	0.26	18.00	7.00	38.45	PASS

IC

CDMA BC0							
Mode	Frequency (MHz)	Conduction AVG Power(dBm)	Ant Gain（dBi）	EIRP (dBm)	EIRP Limit (W)	EIRP Limit (dBm)	Conclusion
CDMA BC0	824.70	19.89	0.26	20.15	11.50	40.61	PASS
	836.52	19.77	0.26	20.03	11.50	40.61	PASS
	848.31	19.89	0.26	20.15	11.50	40.61	PASS
EVDO BC0	824.70	20.11	0.26	20.37	11.50	40.61	PASS
	836.52	20.04	0.26	20.30	11.50	40.61	PASS
	848.31	19.89	0.26	20.15	11.50	40.61	PASS

FCC&IC

CDMA BC1							
Mode	Frequency (MHz)	Conduction AVG Power(dBm)	Ant Gain（dBi）	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Conclusion
CDMA BC1	1851.25	20.77	1.28	22.05	2.00	33.01	PASS
	1880.00	21.87	1.28	23.15	2.00	33.01	PASS
	1908.75	21.99	1.28	23.27	2.00	33.01	PASS
EVDO BC1	1851.25	21.56	1.28	22.84	2.00	33.01	PASS
	1880.00	21.48	1.28	22.76	2.00	33.01	PASS
	1908.75	21.68	1.28	22.96	2.00	33.01	PASS

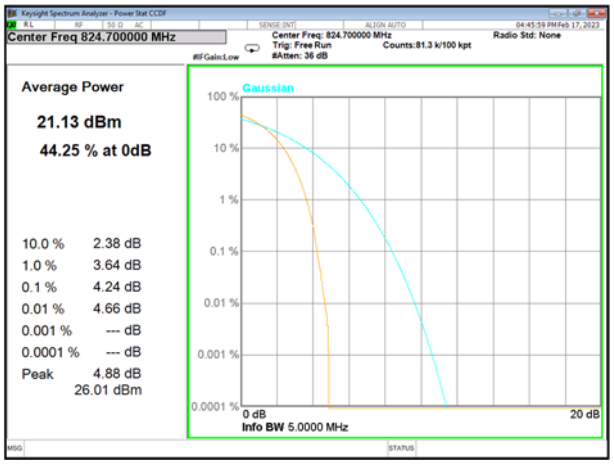
CDMA BC10							
Mode	Frequency (MHz)	Conduction AVG Power(dBm)	Ant Gain（dBi）	ERP (dBm)	ERP Limit (W)	ERP Limit (dBm)	Conclusion
CDMA BC10	818.65	25.36	0.26	23.47	100.00	50.00	PASS
	820.50	24.69	0.26	22.80	100.00	50.00	PASS
	822.35	25.46	0.26	23.57	100.00	50.00	PASS
EVDO BC10	818.65	25.18	0.26	23.29	100.00	50.00	PASS
	820.50	24.68	0.26	22.79	100.00	50.00	PASS
	822.35	24.94	0.26	23.05	100.00	50.00	PASS

A2. PEAK-TO-AVERAGE RADIO

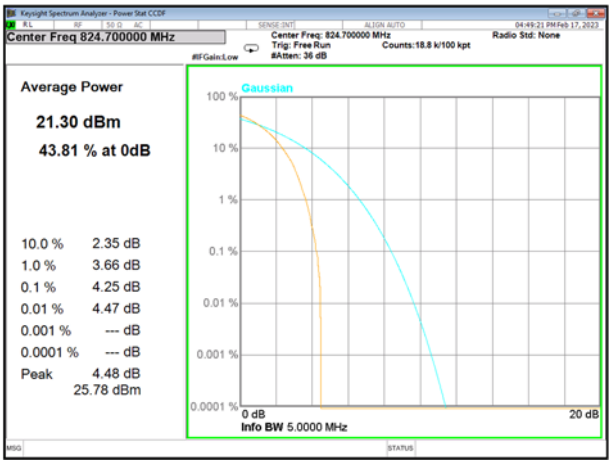
CDMA BC0		
Mode	Frequency (MHz)	PAR
CDMA BC0	824.70	4.25
	836.52	2.88
	848.31	3.21
EVDO BC0	824.70	4.24
	836.52	2.87
	848.31	3.24

CDMA BC1		
Mode	Frequency (MHz)	PAR
CDMA BC1	1851.25	3.60
	1880.00	3.67
	1908.75	2.97
EVDO BC1	1851.25	3.62
	1880.00	3.68
	1908.75	2.97

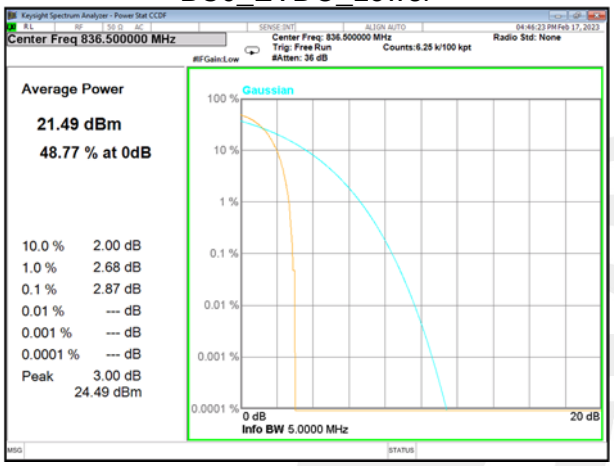
CDMA BC10		
Mode	Frequency (MHz)	PAR
CDMA BC1	818.65	3.05
	820.50	3.14
	822.35	3.27
EVDO BC1	818.65	3.10
	820.50	3.16
	822.35	3.29



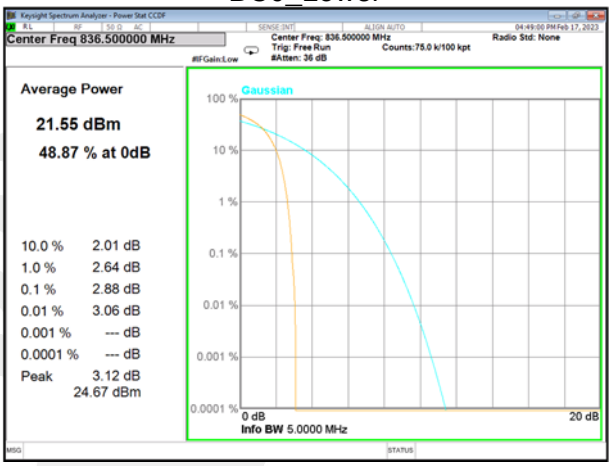
BC0_EVDO_Lower



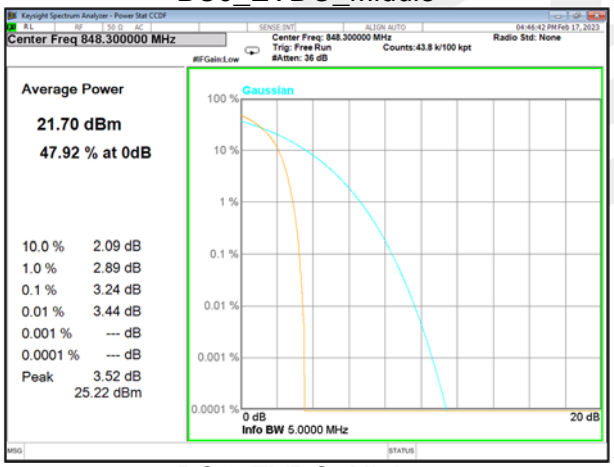
BC0_Lower



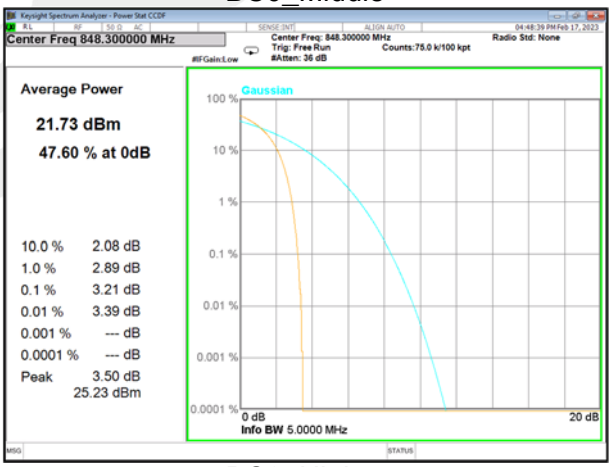
BC0_EVDO_Middle



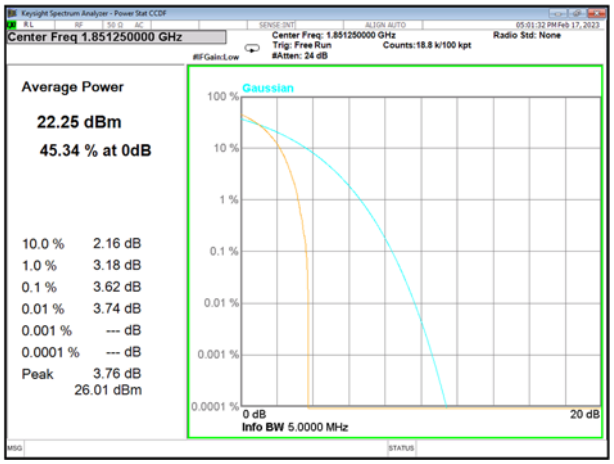
BC0_Middle



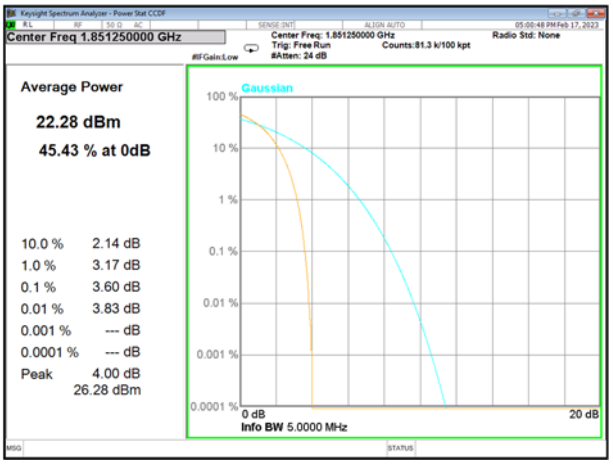
BC0_EVDO_Higher



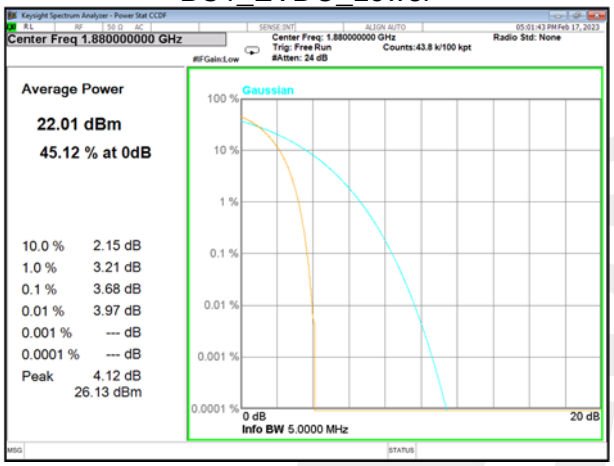
BC0_Higher



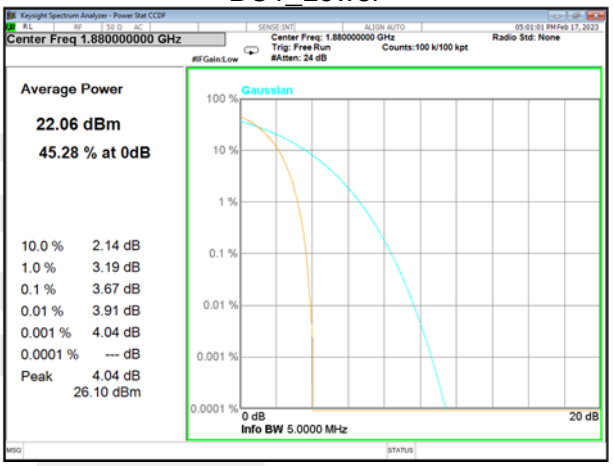
BC1_EVDO_Lower



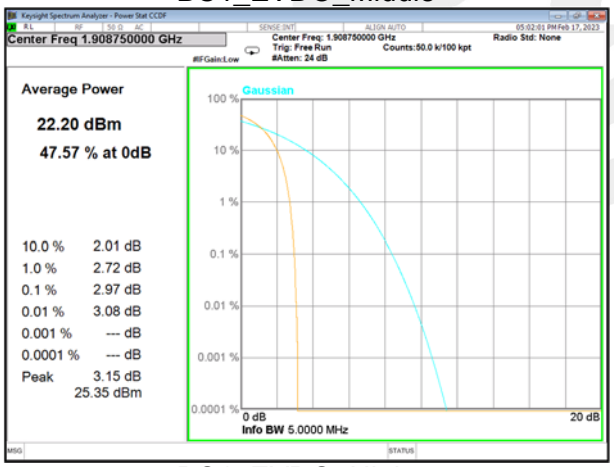
BC1_Lower



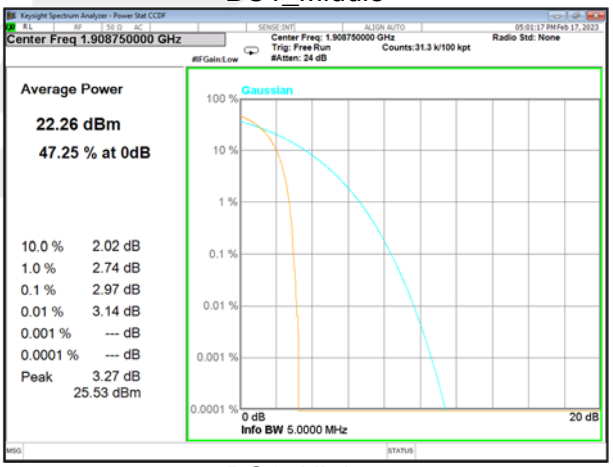
BC1_EVDO_Middle



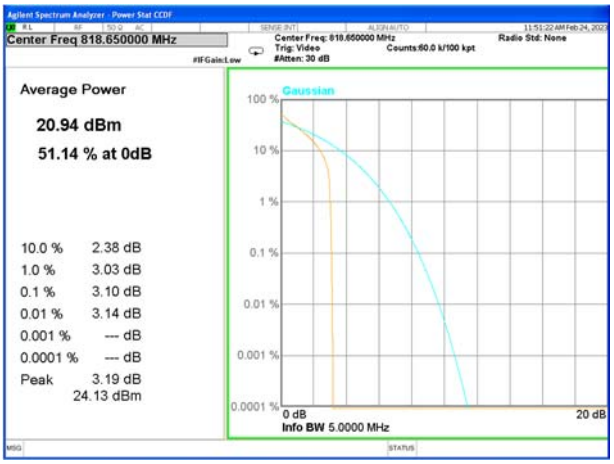
BC1_Middle



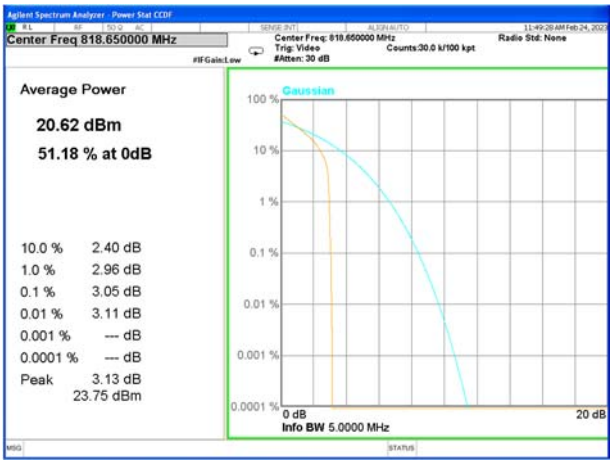
BC1_EVDO_Higher



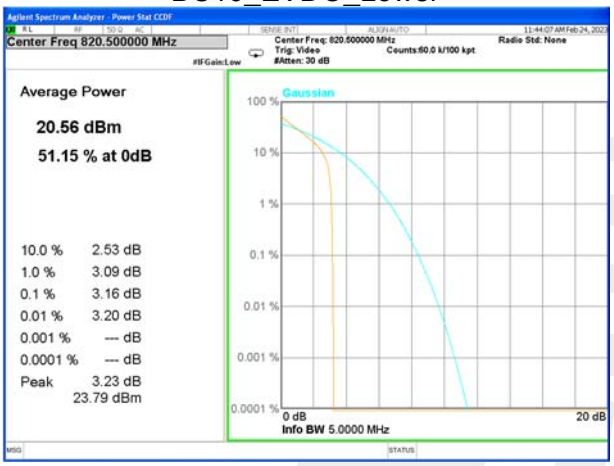
BC1_Higher



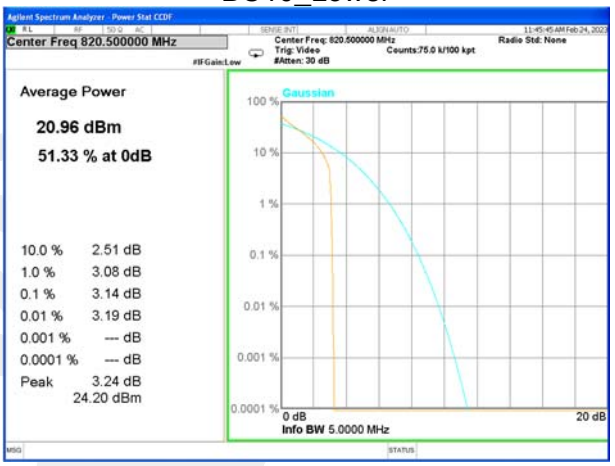
BC10_EVDO_Lower



BC10_Lower



BC10_EVDO_Middle



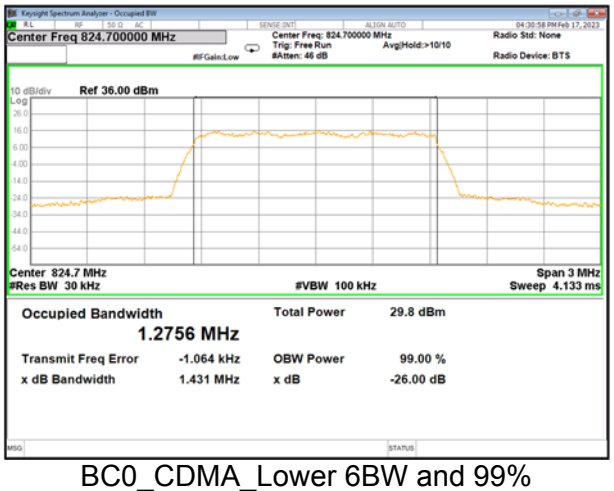
BC10_Middle

BC10_EVDO_Higher

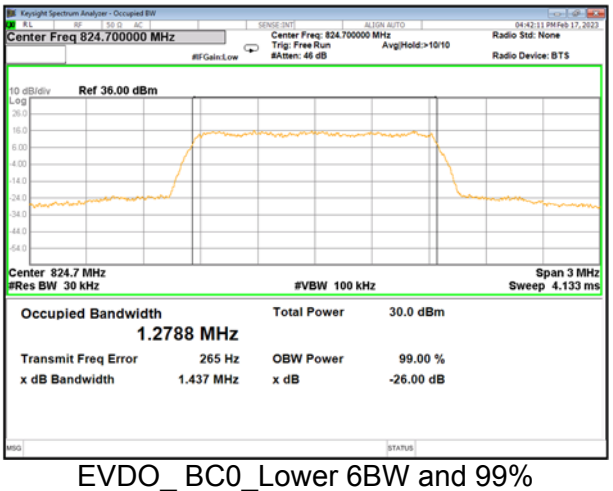
BC10_Higher

A3. OCCUPIED BANDWIDTH (99% OCCUPIED BANDWIDTH/26dB BANDWIDTH)

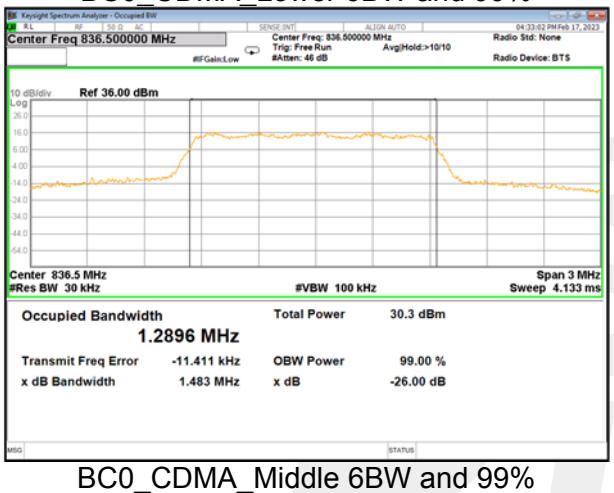
CDMA Bandwidth [MHz]						
Mode	Lowest		Middle		Highest	
	99% BW	26dB BW	99% BW	26dB BW	99% BW	26dB BW
BC0	1.2756	1.431	1.2896	1.483	1.2839	1.476
BC0-EVDO	1.2788	1.437	1.2945	1.504	1.2884	1.482
BC1	1.2825	1.452	1.2776	1.431	1.2835	1.448
BC1-EVDO	1.2834	1.462	1.2812	1.459	1.2879	1.508
BC10	1.2742	1.442	1.276	1.442	1.2784	1.435
BC10-EVDO	1.2796	1.433	1.275	1.445	1.2781	1.444



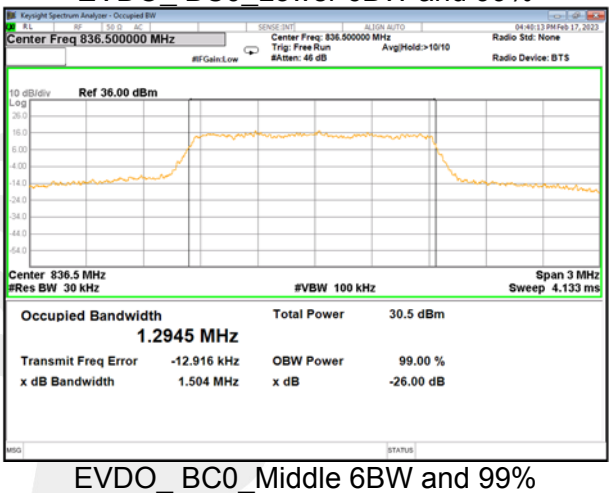
BC0_CDMA_Lower 6BW and 99%



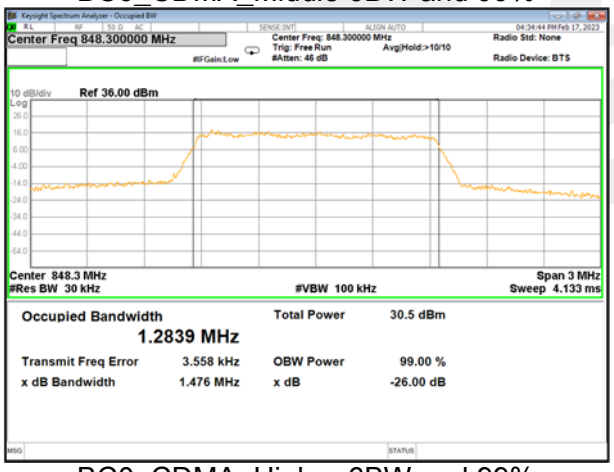
EVDO_ BC0_Lower 6BW and 99%



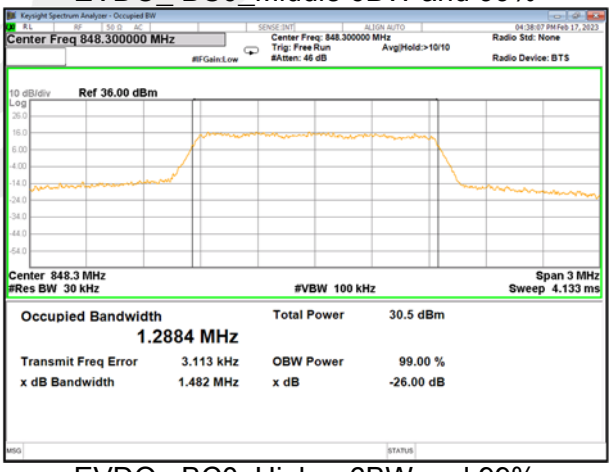
BC0_CDMA_Middle 6BW and 99%



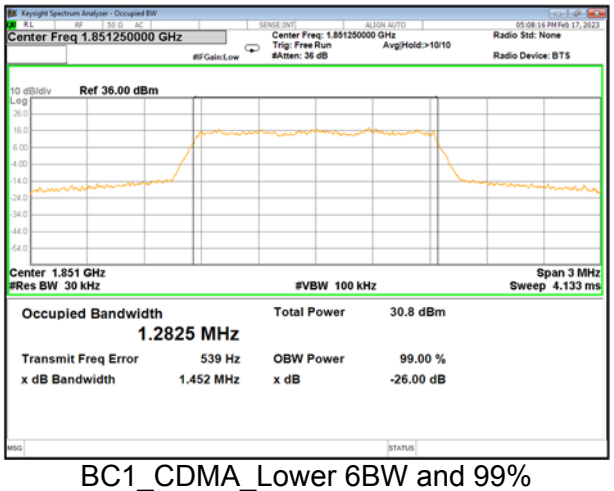
EVDO_ BC0_Middle 6BW and 99%



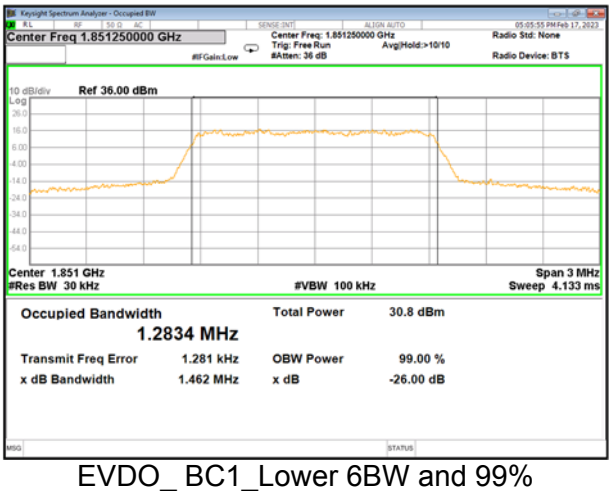
BC0_CDMA_Higher 6BW and 99%



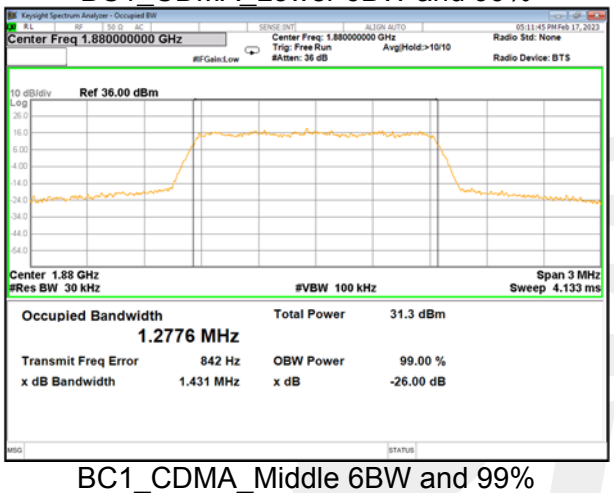
EVDO_ BC0_Higher 6BW and 99%



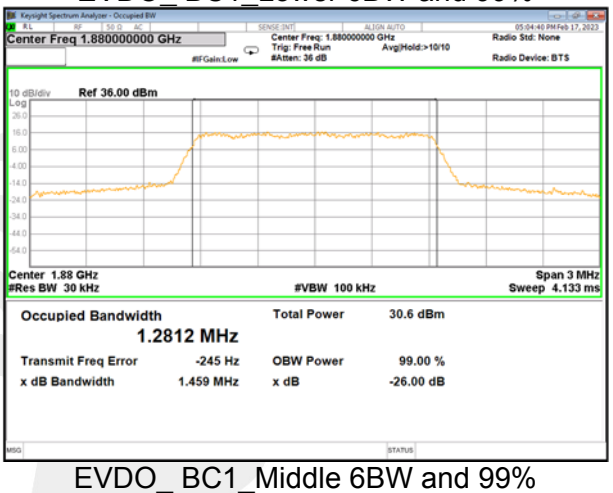
BC1_CDMA_Lower 6BW and 99%



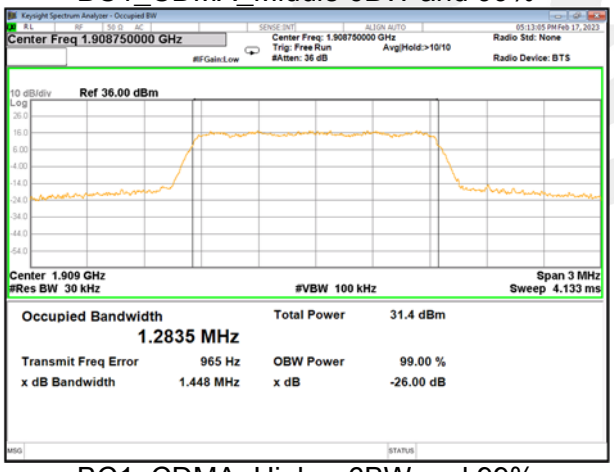
EVDO_ BC1_Lower 6BW and 99%



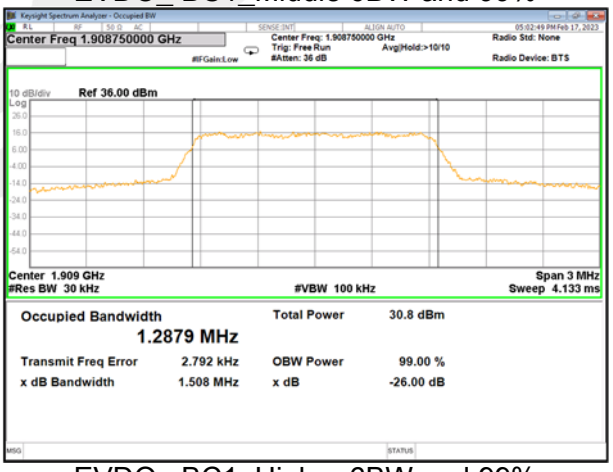
BC1_CDMA_Middle 6BW and 99%



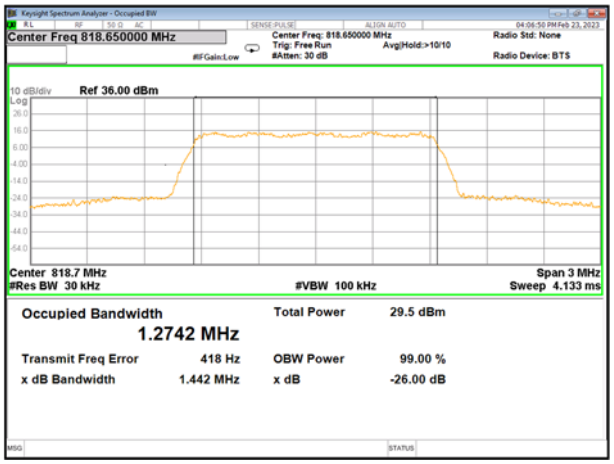
EVDO_ BC1_Middle 6BW and 99%



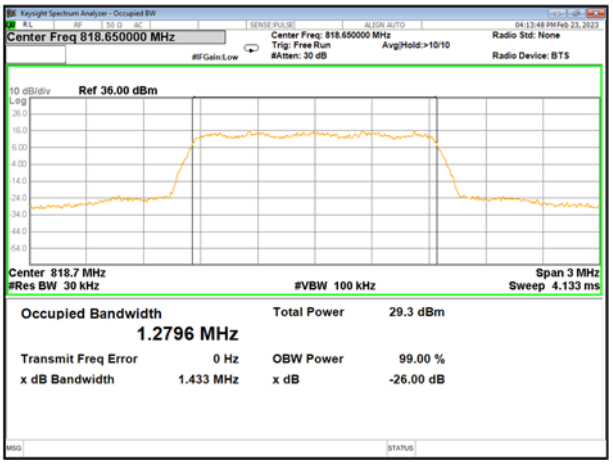
BC1_CDMA_Higher 6BW and 99%



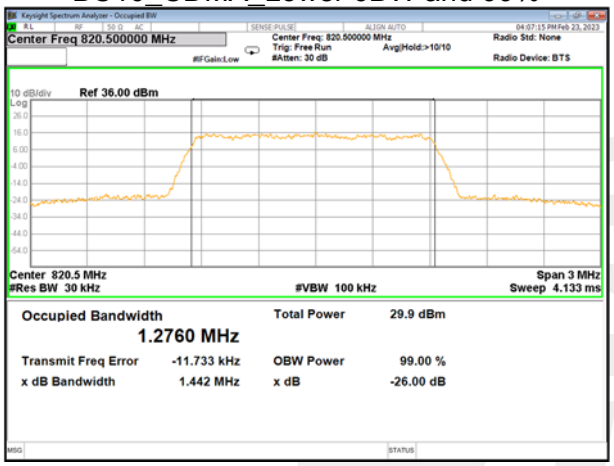
EVDO_ BC1_Higher 6BW and 99%



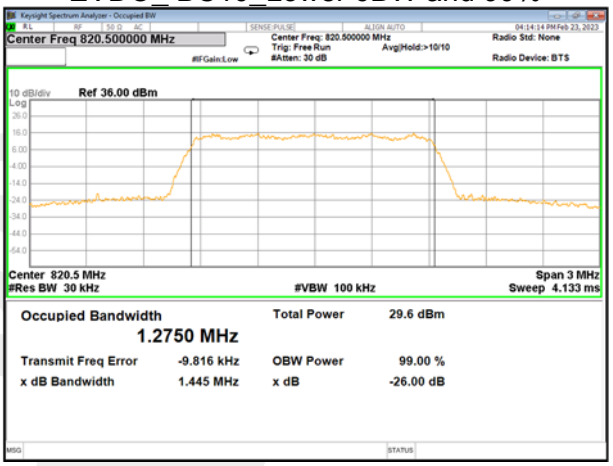
BC10_CDMA_Lower 6BW and 99%



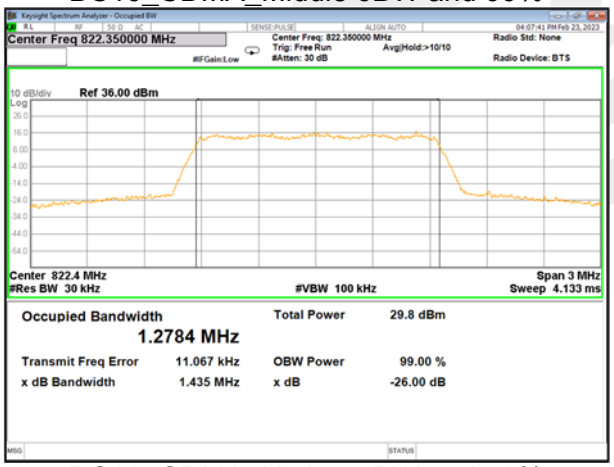
EVDO_ BC10_Lower 6BW and 99%



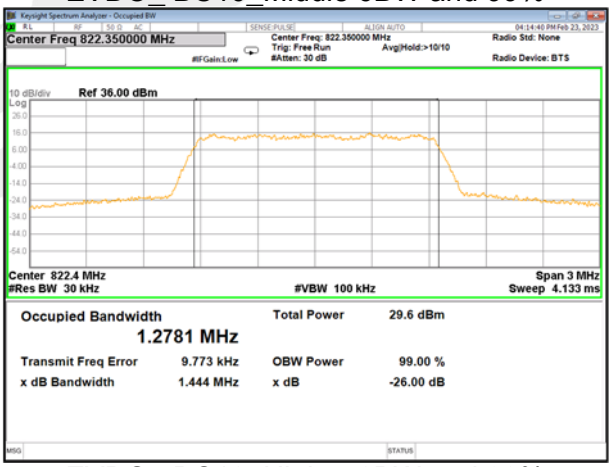
BC10_CDMA_Middle 6BW and 99%



EVDO_ BC10_Middle 6BW and 99%



BC10_CDMA_Higher 6BW and 99%



EVDO_ BC10_Higher 6BW and 99%

A4. FREQUENCY STABILITY
Normal Voltage = 3.85V; Battery End Point (BEP) = 4.235V; Maximum Voltage =3.465V

CDMA BC0					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	35.04	0.042	2.5ppm	PASS
40		27.84	0.033		
30		31.27	0.037		
20		32.67	0.039		
10		18.07	0.022		
0		15.99	0.019		
-10		29.36	0.035		
-20		12.09	0.014		
-30		35.64	0.043		
20	Maximum Voltage	18.58	0.022		
20	BEP	20.55	0.025		

EVDO BC0					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	36.24	0.043	2.5ppm	PASS
40		28.34	0.034		
30		17.07	0.020		
20		32.55	0.039		
10		14.40	0.017		
0		22.21	0.027		
-10		26.39	0.032		
-20		24.45	0.029		
-30		13.87	0.017		
20	Maximum Voltage	26.55	0.032		
20	BEP	16.19	0.019		

CDMA BC1					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	13.53	0.007	Within Authorized Band	PASS
40		33.97	0.018		
30		16.43	0.009		
20		33.67	0.018		
10		31.33	0.017		
0		30.42	0.016		
-10		34.17	0.018		
-20		14.58	0.008		
-30		36.13	0.019		
20	Maximum Voltage	19.76	0.011		
20	BEP	34.57	0.018		

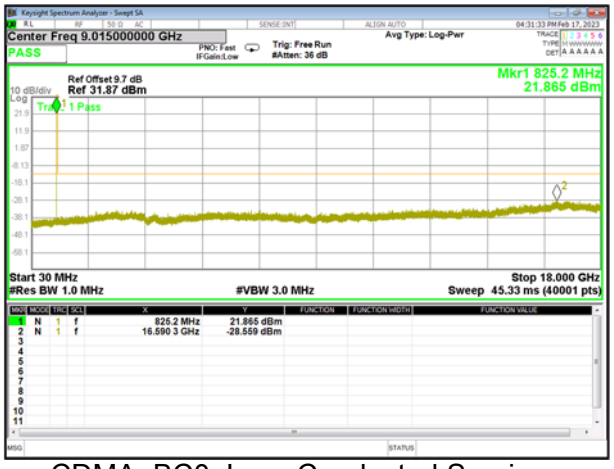
EVDO BC1					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	35.49	0.019	Within Authorized Band	PASS
40		29.30	0.016		
30		12.15	0.006		
20		21.95	0.012		
10		17.87	0.010		
0		20.31	0.011		
-10		13.72	0.007		
-20		31.72	0.017		
-30		12.03	0.006		
20	Maximum Voltage	16.38	0.009		
20	BEP	25.98	0.014		

CDMA BC10					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	33.89	0.018	2.5ppm	PASS
40		30.05	0.016		
30		36.18	0.019		
20		15.43	0.008		
10		27.93	0.015		
0		34.26	0.018		
-10		20.73	0.011		
-20		21.61	0.011		
-30		27.50	0.015		
20	Maximum Voltage	20.18	0.011		
20	BEP	33.81	0.018		

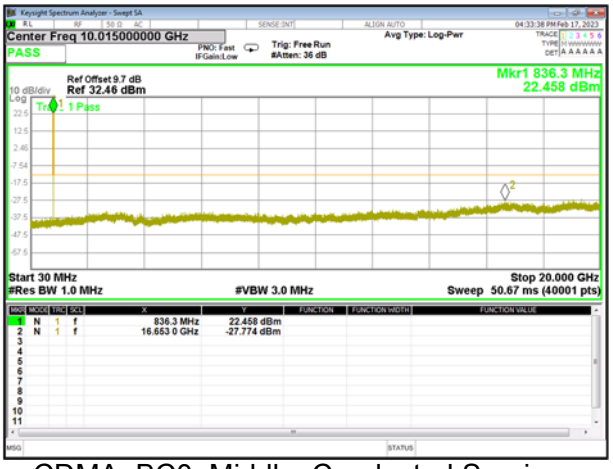
EVDO BC10					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	25.92	0.014	2.5ppm	PASS
40		24.06	0.013		
30		27.63	0.015		
20		13.67	0.007		
10		17.52	0.009		
0		28.30	0.015		
-10		11.74	0.006		
-20		17.73	0.009		
-30		20.33	0.011		
20	Maximum Voltage	14.00	0.007		
20	BEP	17.88	0.010		

1. The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.

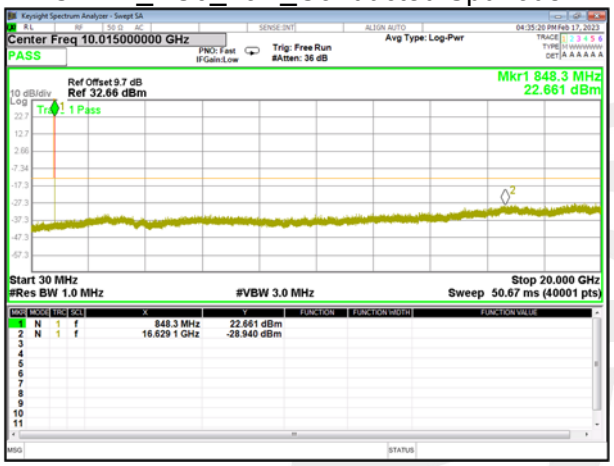
A5. SPURIOUS EMISSIONS AT ANTENNA TERMINALS



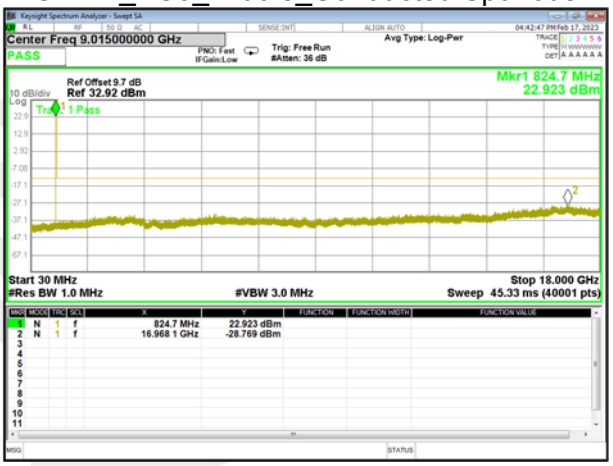
CDMA_BC0_Low_Conducted Spurious



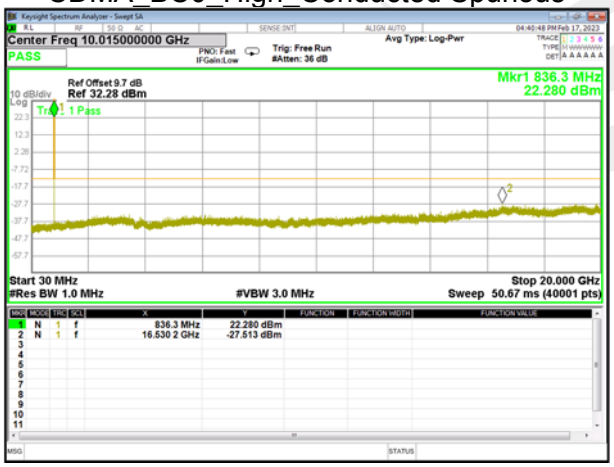
CDMA_BC0_Middle_Conducted Spurious



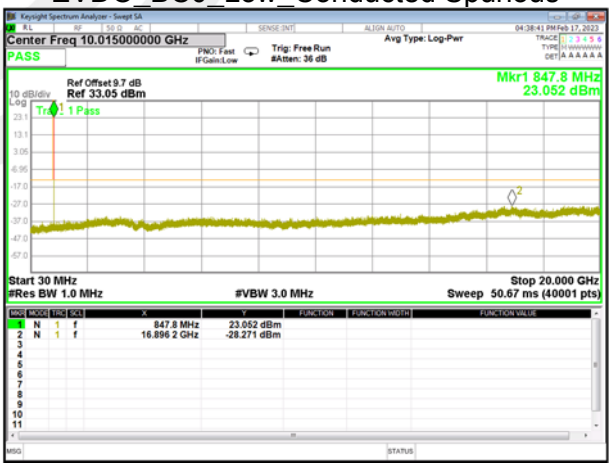
CDMA_BC0_High_Conducted Spurious



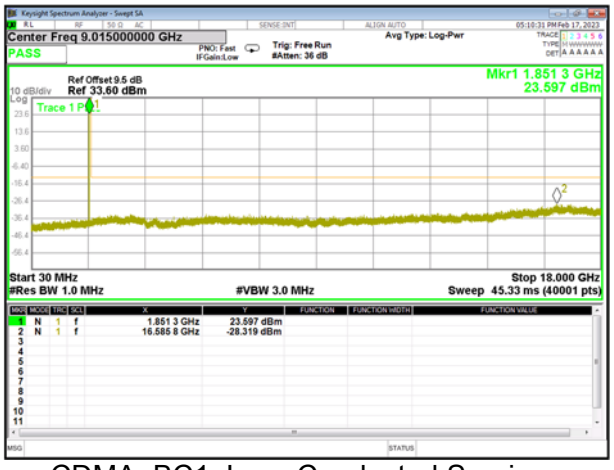
EVDO_BC0_Low_Conducted Spurious



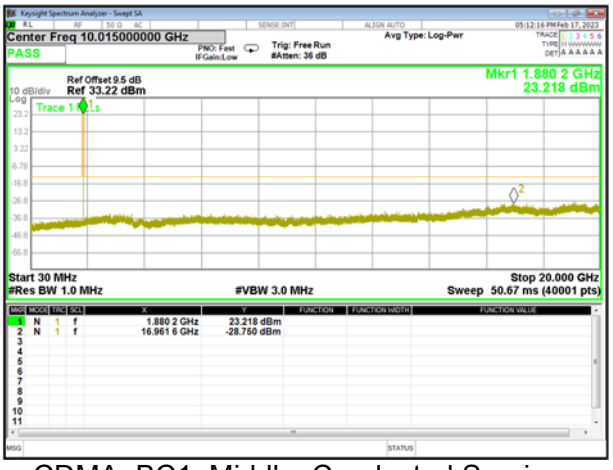
EVDO_BC0_Middle_Conducted Spurious



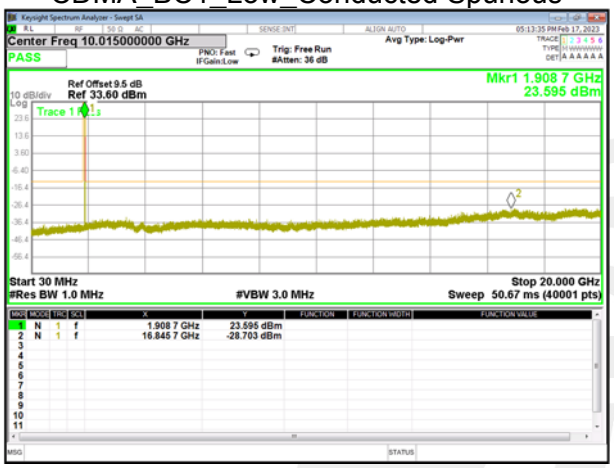
EVDO_BC0_High_Conducted Spurious



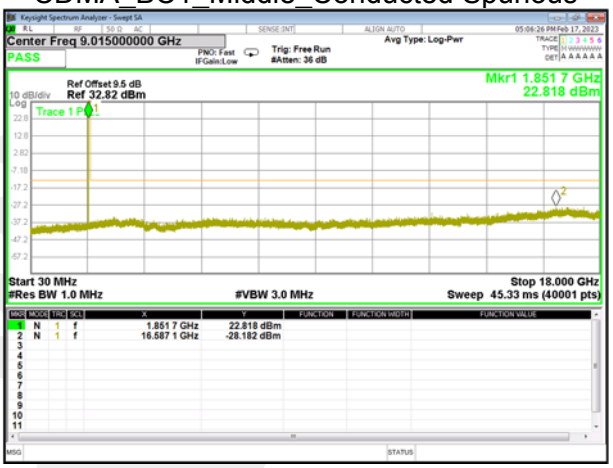
CDMA_BC1_Low_Conducted Spurious



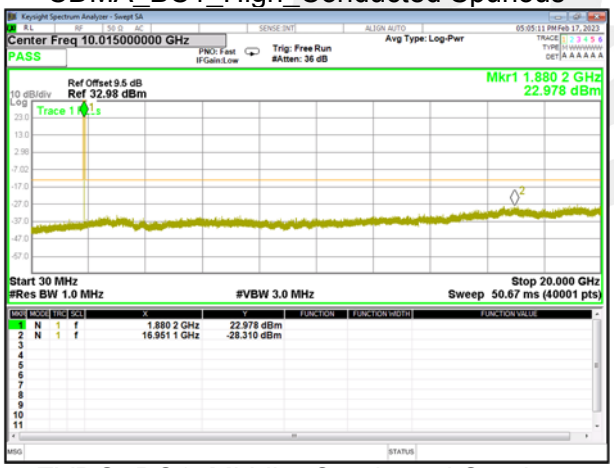
CDMA_BC1_Middle_Conducted Spurious



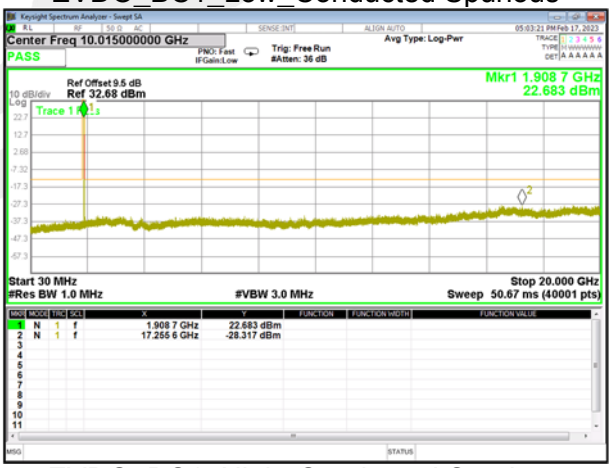
CDMA_BC1_High_Conducted Spurious



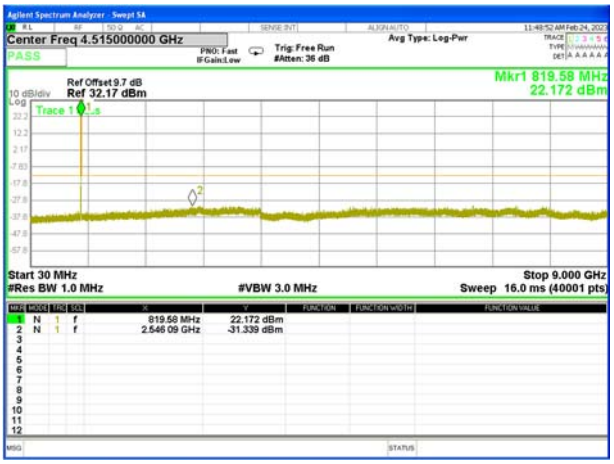
EVDO_BC1_Low_Conducted Spurious



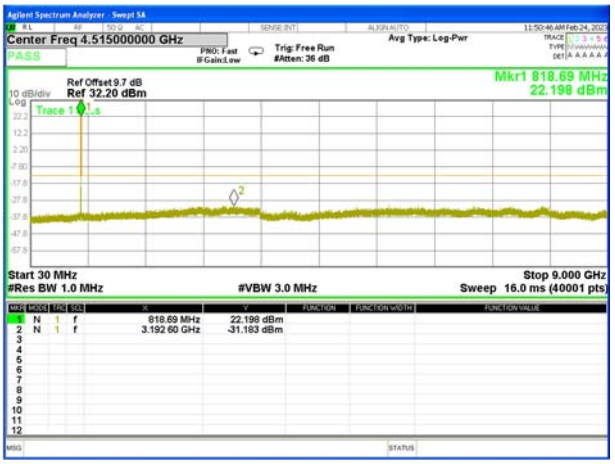
EVDO_BC1_Middle_Conducted Spurious



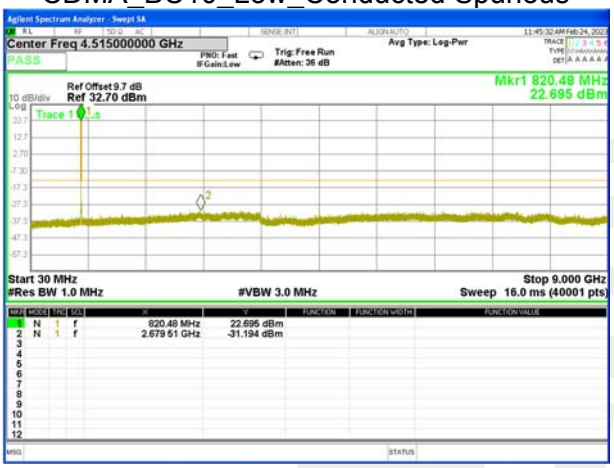
EVDO_BC1_High_Conducted Spurious



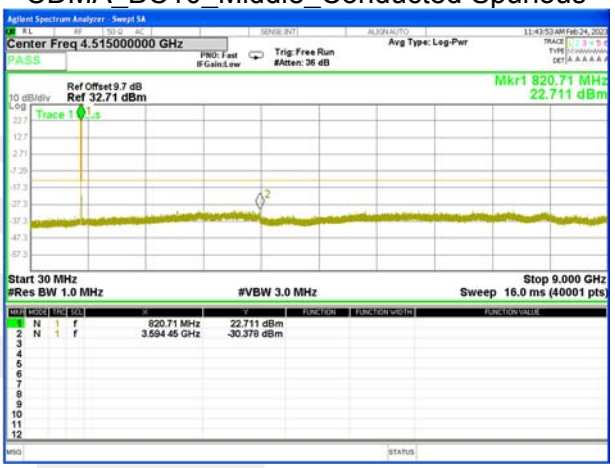
CDMA_BC10_Low_Conducted Spurious



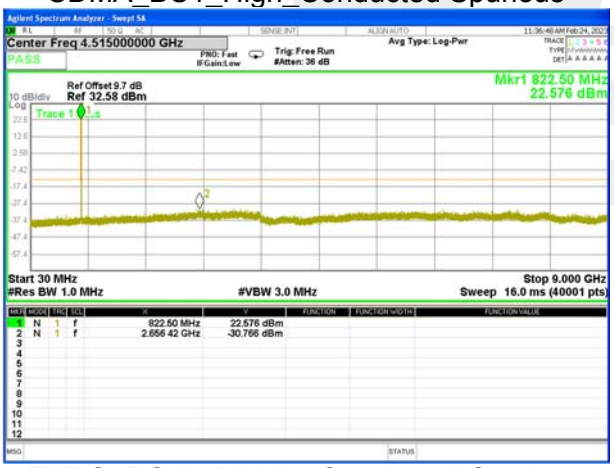
CDMA_BC10_Middle_Conducted Spurious



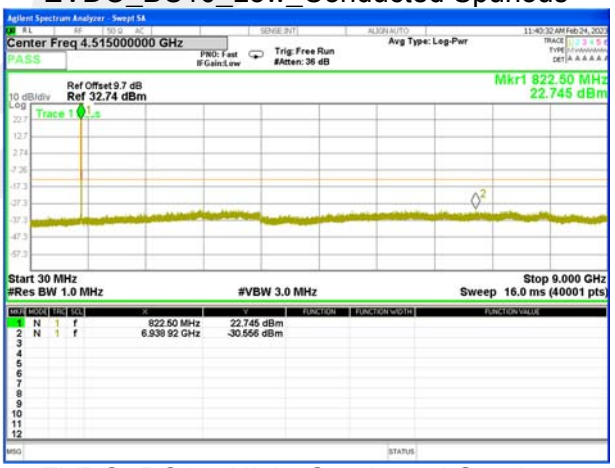
CDMA_BC1_High_Conducted Spurious



EVDO_BC10_Low_Conducted Spurious

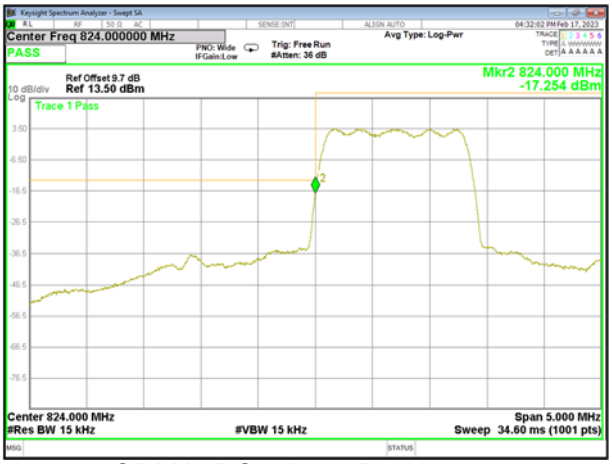


EVDO_BC10_Middle_Conducted Spurious

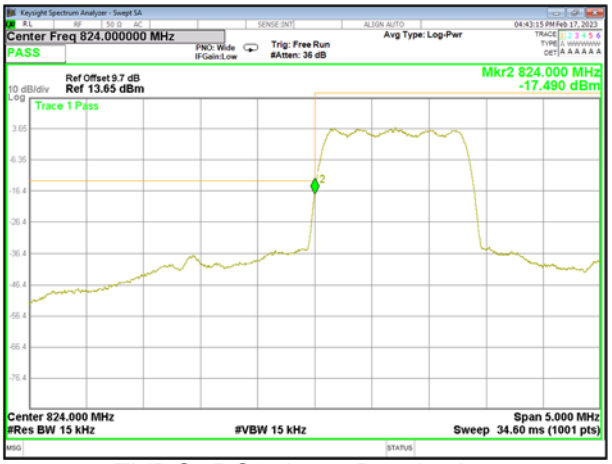


EVDO_BC10_High_Conducted Spurious

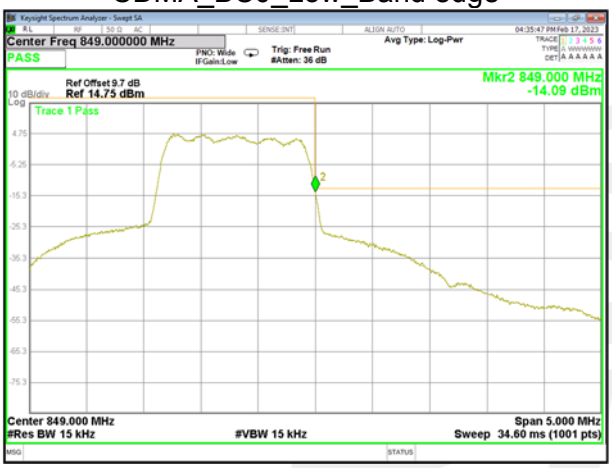
A6. BAND EDGE



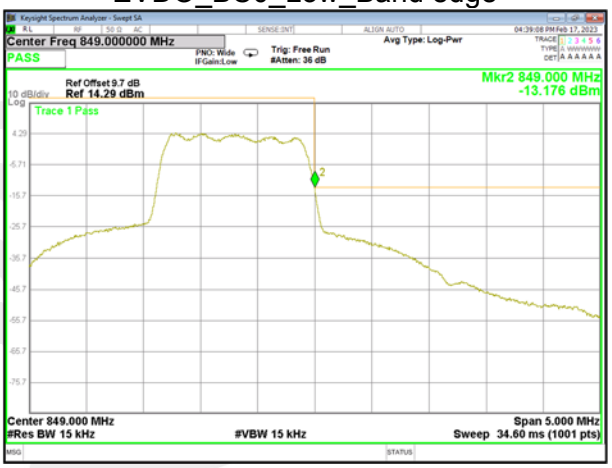
CDMA_BC0_Low_Band edge



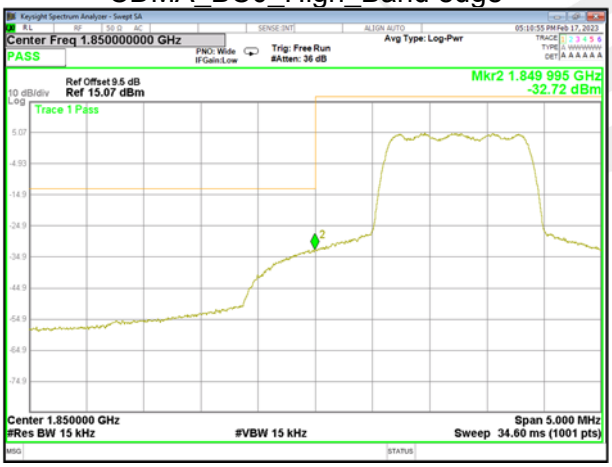
EVDO_BC0_Low_Band edge



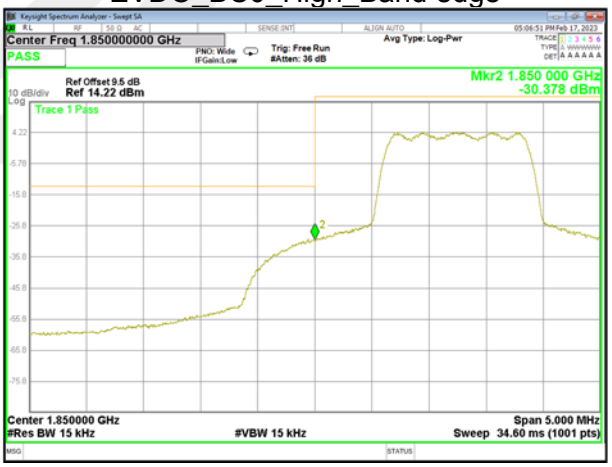
CDMA_BC0_High_Band edge



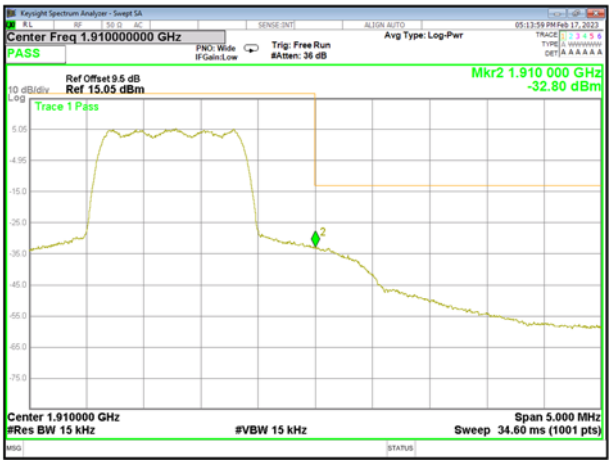
EVDO_BC0_High_Band edge



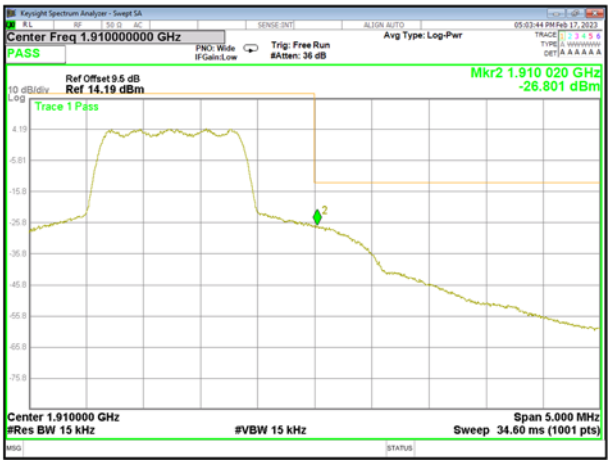
CDMA_BC1_Low_Band edge



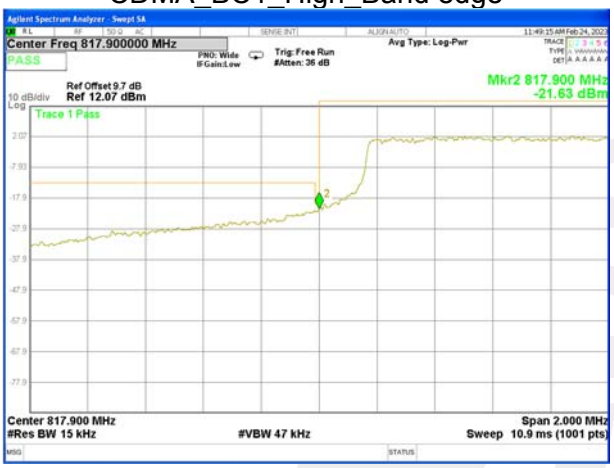
EVDO_BC1_Low_Band edge



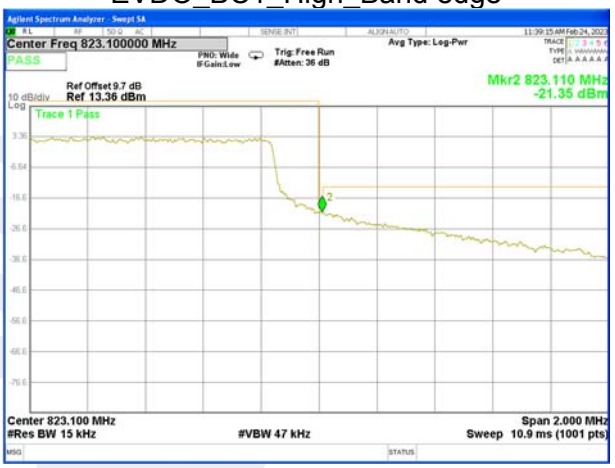
CDMA_BC1_High_Band edge



EVDO_BC1_High_Band edge



CDMA_BC10_Low_Band edge



EVDO_BC10_ Low_Band edge

EVDO_BC10_ High_Band edge

EVDO_BC10_High_Band edge

A7. FIELD STRENGTH OF SPURIOUS RADIATION MEASUREMENT

Note: (1) Spurious emissions which are attenuated by more than 20dB below the permissible value for frequeny below 1000MHz.

(2) Above 3.5GHz amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value

(3)Test is divided into three directions, X/Y/Z. X pattern for the worst.

CDMA BC0: (30-9000)MHz							
The Worst Test Results for Channel 1013/824.7MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1649.30	-34.58	9.40	4.75	-29.93	-13.00	-16.93	H
2474.19	-34.86	10.60	8.39	-32.65	-13.00	-19.65	H
3298.39	-32.83	12.00	11.79	-32.62	-13.00	-19.62	H
1649.30	-35.19	9.40	4.75	-30.54	-13.00	-17.54	V
2474.19	-33.82	10.60	8.39	-31.61	-13.00	-18.61	V
3298.39	-32.90	12.00	11.79	-32.69	-13.00	-19.69	V
The Worst Test Results for Channel 384/836.52MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1673.62	-33.80	9.40	4.75	-29.15	-13.00	-16.15	H
2509.83	-34.49	10.60	8.39	-32.28	-13.00	-19.28	H
3346.40	-33.57	12.00	11.79	-33.36	-13.00	-20.36	H
1673.62	-35.90	9.40	4.75	-31.25	-13.00	-18.25	V
2509.83	-34.74	10.60	8.39	-32.53	-13.00	-19.53	V
3346.40	-32.41	12.00	11.79	-32.20	-13.00	-19.20	V
The Worst Test Results for Channel 1175/848.31MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1696.41	-33.80	9.40	4.75	-29.15	-13.00	-16.15	H
2544.13	-35.05	10.60	8.39	-32.84	-13.00	-19.84	H
3393.41	-32.58	12.00	11.79	-32.37	-13.00	-19.37	H
1696.41	-35.03	9.40	4.75	-30.38	-13.00	-17.38	V
2544.13	-35.16	10.60	8.39	-32.95	-13.00	-19.95	V
3393.41	-32.01	12.00	11.79	-31.80	-13.00	-18.80	V

EVDO BC0: (30-9000)MHz							
The Worst Test Results for Channel 1013/824.7MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1649.47	-33.81	9.40	4.75	-29.16	-13.00	-16.16	H
2474.18	-35.03	10.60	8.39	-32.82	-13.00	-19.82	H
3298.18	-32.35	12.00	11.79	-32.14	-13.00	-19.14	H
1649.47	-34.55	9.40	4.75	-29.90	-13.00	-16.90	V
2474.18	-34.13	10.60	8.39	-31.92	-13.00	-18.92	V
3298.18	-32.35	12.00	11.79	-32.14	-13.00	-19.14	V
The Worst Test Results for Channel 384/836.52MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1673.53	-33.62	9.40	4.75	-28.97	-13.00	-15.97	H
2509.64	-34.37	10.60	8.39	-32.16	-13.00	-19.16	H
3346.40	-32.16	12.00	11.79	-31.95	-13.00	-18.95	H
1673.53	-35.58	9.40	4.75	-30.93	-13.00	-17.93	V
2509.64	-34.28	10.60	8.39	-32.07	-13.00	-19.07	V
3346.40	-32.27	12.00	11.79	-32.06	-13.00	-19.06	V
The Worst Test Results for Channel 1175/848.31MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1696.22	-33.65	9.40	4.75	-29.00	-13.00	-16.00	H
2544.36	-35.45	10.60	8.39	-33.24	-13.00	-20.24	H
3393.63	-33.02	12.00	11.79	-32.81	-13.00	-19.81	H
1696.22	-34.53	9.40	4.75	-29.88	-13.00	-16.88	V
2544.36	-35.11	10.60	8.39	-32.90	-13.00	-19.90	V
3393.63	-33.20	12.00	11.79	-32.99	-13.00	-19.99	V

CDMA BC1: (30-20000)MHz							
The Worst Test Results for Channel 25/1851.25MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3702.13	-34.71	12.60	12.93	-35.04	-13.00	-22.04	H
5553.56	-34.56	13.10	17.11	-38.57	-13.00	-25.57	H
7405.72	-32.28	11.50	22.20	-42.98	-13.00	-29.98	H
3702.13	-35.19	12.60	12.93	-35.52	-13.00	-22.52	V
5553.56	-35.08	13.10	17.11	-39.09	-13.00	-26.09	V
7405.72	-33.19	11.50	22.20	-43.89	-13.00	-30.89	V
The Worst Test Results for Channel 600/1880MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3759.93	-34.29	12.60	12.93	-34.62	-13.00	-21.62	H
5639.97	-34.37	13.10	17.11	-38.38	-13.00	-25.38	H
7520.20	-33.08	11.50	22.20	-43.78	-13.00	-30.78	H
3759.93	-34.82	12.60	12.93	-35.15	-13.00	-22.15	V
5639.97	-34.38	13.10	17.11	-38.39	-13.00	-25.39	V
7520.20	-32.74	11.50	22.20	-43.44	-13.00	-30.44	V
The Worst Test Results for Channel 1175/1908.75MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3817.40	-33.53	12.60	12.93	-33.86	-13.00	-20.86	H
5726.22	-34.60	13.10	17.11	-38.61	-13.00	-25.61	H
7635.33	-32.93	11.50	22.20	-43.63	-13.00	-30.63	H
3817.40	-35.70	12.60	12.93	-36.03	-13.00	-23.03	V
5726.22	-33.78	13.10	17.11	-37.79	-13.00	-24.79	V
7635.33	-32.82	11.50	22.20	-43.52	-13.00	-30.52	V

EVDO BC1: (30-20000)MHz							
The Worst Test Results for Channel 25/1851.25MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3702.11	-33.92	12.60	12.93	-34.25	-13.00	-21.25	H
5553.35	-35.12	13.10	17.11	-39.13	-13.00	-26.13	H
7405.81	-33.22	11.50	22.20	-43.92	-13.00	-30.92	H
3702.11	-35.20	12.60	12.93	-35.53	-13.00	-22.53	V
5553.35	-34.78	13.10	17.11	-38.79	-13.00	-25.79	V
7405.81	-31.81	11.50	22.20	-42.51	-13.00	-29.51	V
The Worst Test Results for Channel 600/1880MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3759.78	-33.46	12.60	12.93	-33.79	-13.00	-20.79	H
5639.81	-34.13	13.10	17.11	-38.14	-13.00	-25.14	H
7520.19	-32.25	11.50	22.20	-42.95	-13.00	-29.95	H
3759.78	-34.54	12.60	12.93	-34.87	-13.00	-21.87	V
5639.81	-35.08	13.10	17.11	-39.09	-13.00	-26.09	V
7520.19	-31.80	11.50	22.20	-42.50	-13.00	-29.50	V
The Worst Test Results for Channel 1175/1908.75MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3817.48	-34.32	12.60	12.93	-34.65	-13.00	-21.65	H
5725.76	-34.75	13.10	17.11	-38.76	-13.00	-25.76	H
7635.02	-32.29	11.50	22.20	-42.99	-13.00	-29.99	H
3817.48	-35.93	12.60	12.93	-36.26	-13.00	-23.26	V
5725.76	-35.08	13.10	17.11	-39.09	-13.00	-26.09	V
7635.02	-33.01	11.50	22.20	-43.71	-13.00	-30.71	V

CDMA BC10: (30-9000)MHz							
The Worst Test Results for Channel 506/818.65MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1637.34	-33.55	9.40	4.75	-28.90	-13.00	-15.90	H
2456.11	-34.35	10.60	8.39	-32.14	-13.00	-19.14	H
3274.84	-32.27	12.00	11.79	-32.06	-13.00	-19.06	H
1637.34	-35.92	9.40	4.75	-31.27	-13.00	-18.27	V
2456.11	-34.26	10.60	8.39	-32.05	-13.00	-19.05	V
3274.84	-32.02	12.00	11.79	-31.81	-13.00	-18.81	V
The Worst Test Results for Channel 580/820.5MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1641.27	-34.23	9.40	4.75	-29.58	-13.00	-16.58	H
2461.82	-34.97	10.60	8.39	-32.76	-13.00	-19.76	H
3281.80	-32.87	12.00	11.79	-32.66	-13.00	-19.66	H
1641.27	-35.95	9.40	4.75	-31.30	-13.00	-18.30	V
2461.82	-34.00	10.60	8.39	-31.79	-13.00	-18.79	V
3281.80	-33.09	12.00	11.79	-32.88	-13.00	-19.88	V
The Worst Test Results for Channel 654/822.35MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1644.56	-33.98	9.40	4.75	-29.33	-13.00	-16.33	H
2467.25	-34.19	10.60	8.39	-31.98	-13.00	-18.98	H
3289.68	-32.64	12.00	11.79	-32.43	-13.00	-19.43	H
1644.56	-35.42	9.40	4.75	-30.77	-13.00	-17.77	V
2467.25	-35.22	10.60	8.39	-33.01	-13.00	-20.01	V
3289.68	-32.74	12.00	11.79	-32.53	-13.00	-19.53	V

EVDO BC10: (30-9000)MHz							
The Worst Test Results for Channel 506/818.65MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1637.38	-34.50	9.40	4.75	-29.85	-13.00	-16.85	H
2455.90	-34.05	10.60	8.39	-31.84	-13.00	-18.84	H
3274.50	-32.86	12.00	11.79	-32.65	-13.00	-19.65	H
1637.38	-35.02	9.40	4.75	-30.37	-13.00	-17.37	V
2455.90	-34.91	10.60	8.39	-32.70	-13.00	-19.70	V
3274.50	-32.94	12.00	11.79	-32.73	-13.00	-19.73	V
The Worst Test Results for Channel 580/820.5MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1641.24	-34.11	9.40	4.75	-29.46	-13.00	-16.46	H
2461.67	-35.05	10.60	8.39	-32.84	-13.00	-19.84	H
3282.07	-32.76	12.00	11.79	-32.55	-13.00	-19.55	H
1641.24	-35.42	9.40	4.75	-30.77	-13.00	-17.77	V
2461.67	-34.44	10.60	8.39	-32.23	-13.00	-19.23	V
3282.07	-32.23	12.00	11.79	-32.02	-13.00	-19.02	V
The Worst Test Results for Channel 654/822.35MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1644.91	-34.03	9.40	4.75	-29.38	-13.00	-16.38	H
2467.01	-34.68	10.60	8.39	-32.47	-13.00	-19.47	H
3289.77	-32.97	12.00	11.79	-32.76	-13.00	-19.76	H
1644.91	-35.16	9.40	4.75	-30.51	-13.00	-17.51	V
2467.01	-34.35	10.60	8.39	-32.14	-13.00	-19.14	V
3289.77	-31.87	12.00	11.79	-31.66	-13.00	-18.66	V

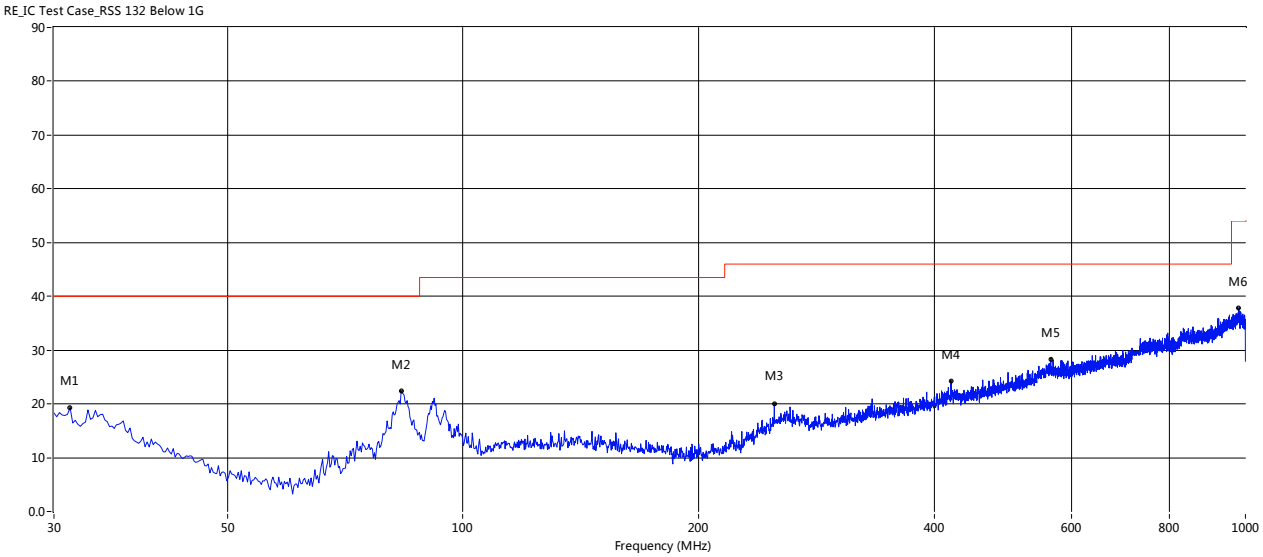
A8. RECEIVER RADIATED EMISSIONS

Note: All mode has been tested, only show the worst case in this report.

30MHz -1GHz test result:

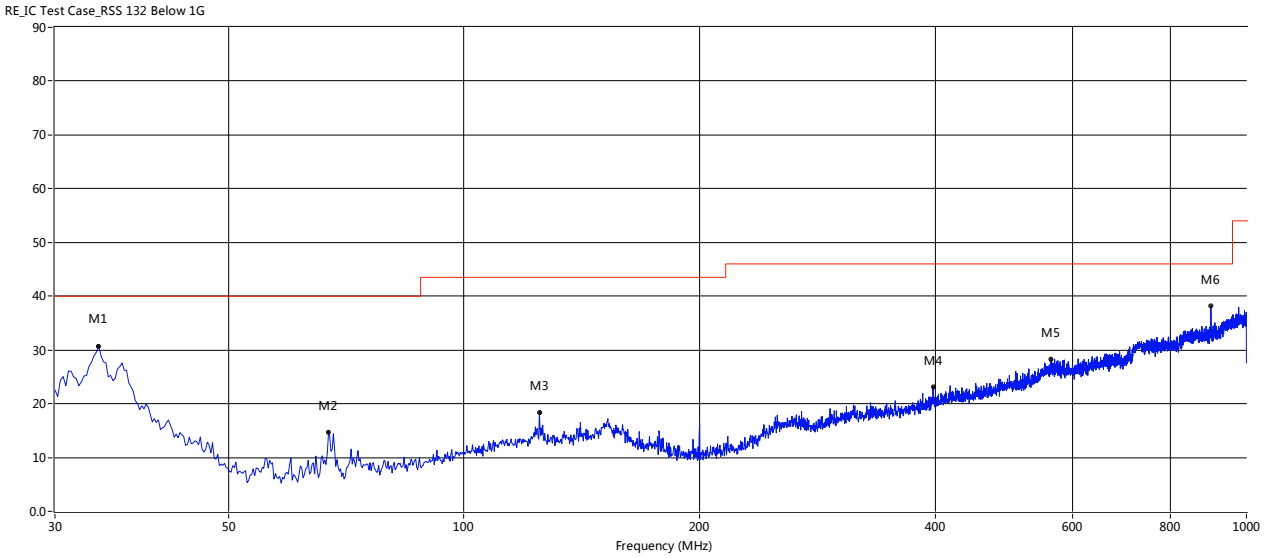
CDMA BC0

Horizontal



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	ANT	Verdict
30.970	17.84	--	--	-12.50	--	40.0	--	-22.16	Horizontal	Pass
83.350	22.42	--	--	-21.40	--	40.0	--	-17.58	Horizontal	Pass
249.947	20.09	--	--	-14.22	--	46.0	--	-25.91	Horizontal	Pass
420.668	24.16	--	--	-7.73	--	46.0	--	-21.84	Horizontal	Pass
563.985	28.21	--	--	-3.00	--	46.0	--	-17.79	Horizontal	Pass
981.085	37.77	--	--	5.96	--	54.0	--	-16.23	Horizontal	Pass

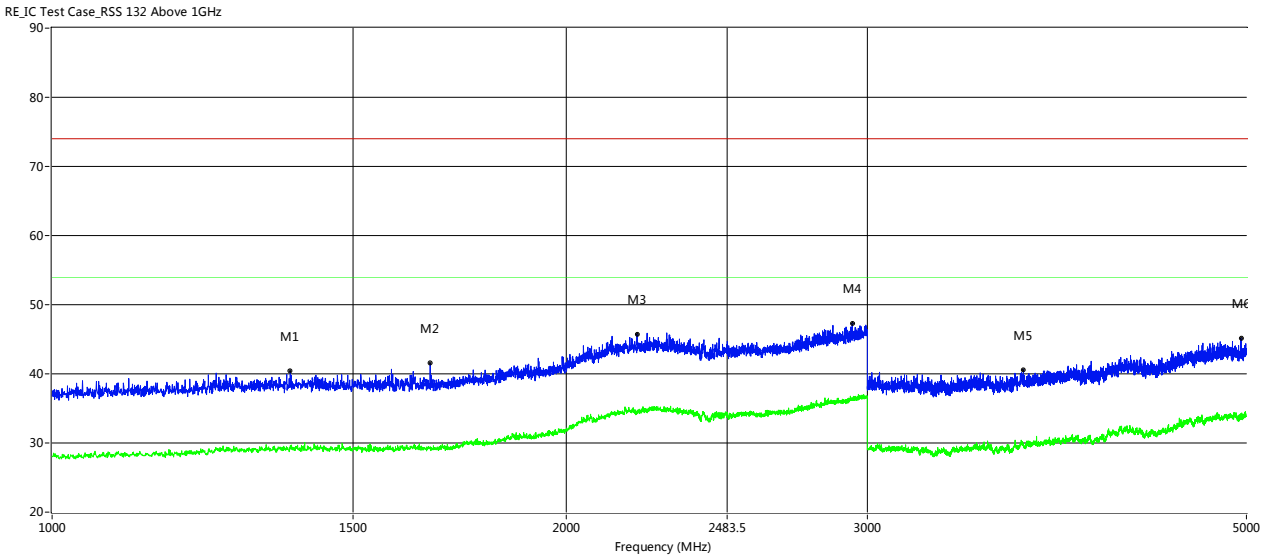
Vertical



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	ANT	Verdict
34.123	30.74	--	--	-14.01	--	40.0	--	-9.26	Vertical	Pass
67.103	14.65	--	--	-24.36	--	40.0	--	-25.35	Vertical	Pass
124.817	18.37	--	--	-16.83	--	43.5	--	-25.13	Vertical	Pass
397.630	23.15	--	--	-8.92	--	46.0	--	-22.85	Vertical	Pass
561.802	28.32	--	--	-2.97	--	46.0	--	-17.68	Vertical	Pass
901.060	38.15	--	--	2.80	--	46.0	--	-7.85	Vertical	Pass

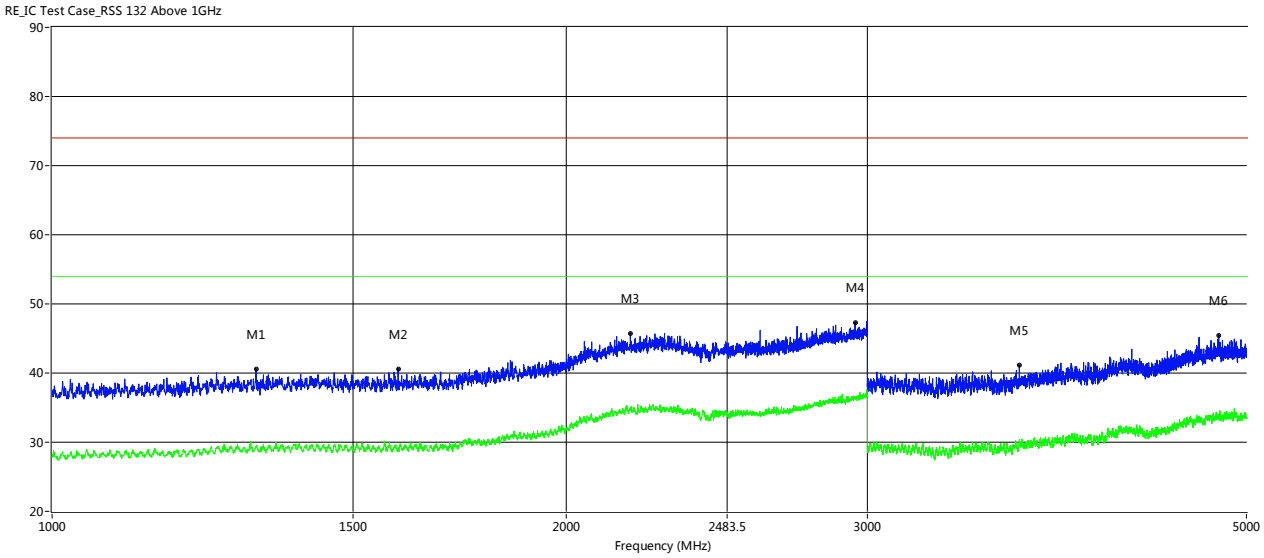
Above 1GHz test result:

CDMA BC0
Horizontal



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	ANT	Verdict
1378.500	40.44	--	29.59	-0.72	74.0	--	54.0	-24.41	Horizontal	Pass
1664.500	41.51	--	29.32	-0.49	74.0	--	54.0	-24.68	Horizontal	Pass
2199.500	45.76	--	34.46	4.11	74.0	--	54.0	-19.54	Horizontal	Pass
2939.500	47.33	--	36.55	5.84	74.0	--	54.0	-17.45	Horizontal	Pass
3702.500	40.60	--	29.83	-11.28	74.0	--	54.0	-24.17	Horizontal	Pass
4964.000	45.15	--	33.71	-6.38	74.0	--	54.0	-20.29	Horizontal	Pass

Vertical



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	ANT	Verdict
1316.500	40.56	--	29.43	-0.89	74.0	--	54.0	-24.57	Vertical	Pass
1594.000	40.64	--	28.92	-0.50	74.0	--	54.0	-25.08	Vertical	Pass
2180.000	45.75	--	34.97	4.31	74.0	--	54.0	-19.03	Vertical	Pass
2951.000	47.33	--	36.37	5.90	74.0	--	54.0	-17.63	Vertical	Pass
3682.000	41.10	--	30.38	-11.41	74.0	--	54.0	-23.62	Vertical	Pass
4817.500	45.48	--	33.35	-6.88	74.0	--	54.0	-20.65	Vertical	Pass

APPENDIX-PHOTOS OF TEST SETUP

Note: See test photos in setup photo document for the actual connections between Product and support equipment.

※※※※※END OF THE REPORT※※※※※