



TEST REPORT

Applicant: SHENZHEN YUNJI INTELLIGENT TECHNOLOGY CO.,LTD
A2 2F BUILDING ENET NEW INDUSTRIAL PARK, DAFU
Address of Applicant: INDUSTRIALZONE, GUANLAN, LONGHUA SHENZHEN, 518XXX
China
Manufacturer/Factory: SHENZHEN YUNJI INTELLIGENT TECHNOLOGY CO.,LTD
A2 2F BUILDING ENET NEW INDUSTRIAL PARK, DAFU
Address of Manufacturer: INDUSTRIALZONE, GUANLAN, LONGHUA SHENZHEN, 518XXX
China
Product Name: Smart phone
Model No.: C26 Mini, C26,C26 S,C26 E,C26 Pro,C26 Plus,C26 Ultra,C26
Max,C26 GT,C26 Go,C26 Lite
Trade Mark: OUKITE
FCC ID: 2ANMU-C26MINI
Applicable standards: 47 CRF Part 22H,47 CRF Part 2
ANSI C63.26:2015,ANSI/TIA-603-E-2016
Test Procedure:: KDB 971168 D01 Power Meas License Digital Systems v03r01
Date of Test: Sept. 03, 2026- Sept. 15, 2026
Date of report issued: Sept. 15, 2026

Remark:

The results shown in this test report refer only to the sample(s) tested , this test report cannot be reproduced, except in full without prior written permission of the company.

The report would be invalid without specific stamp of test institute and the signatures of compiler and approver.

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1. TEST SUMMARY

1.1 Applicable Standards

Test procedures according to the technical standards:

FCC CFR 47 Part 2, Part 22, Part 24, 27

ANSI C63.26(2015)

KDB 971168 D01 v03r01: Power Meas License Digital Systems

FCC KDB 971168 D02 v02r02: Misc Rev Approv License Devices

FCC KDB 412172 D01 v01r01: Determining ERP and EIRP

1.2 Summary of Test Results

FCC Part Section(s)	Test Description	Test Condition	Test Result
2.1046	Conducted Output Power	Conducted	Pass
22.913(a)(5) 24.232(c) 27.50(d)(4)	Equivalent Radiated Power		Pass
22.913(d) 24.232(d) 27.50(d)(5)	Peak-to-Average Power Ratio		Pass
2.1049	Occupied Bandwidth		Pass
2.1055 22.355	Frequency Stability		Pass
2.1051 22.917(a) 24.238(a) 27.53(c)	Transmitter unwanted emissions (spurious)		Pass
2.1051 22.917(a) 24.238(a) 27.53(c)	Transmitter unwanted emissions (band-edge)		Pass
2.1053, 22.917(a) 24.238(a) 27.53(c)	Transmitter Spurious Emissions	Radiated	Pass

Note:

All supported modulation types were evaluated, and the worst-case emission from modulation types was selected. Therefore, the worst-case results for Frequency Stability, Conducted Spurious Emission, and Radiated Spurious Emission were presented in the test report.

1.3 Test Facility

Test laboratory:	Shenzhen ETR Standard Technology Co., Ltd.
CNAS Registration Number:	L11864
A2LA Certificate Number:	6640.01
FCC Designation Number:	CN1326
FCC Test Firm Registration:	183064
IC Company Number:	28440
IC CAB identifier:	CN0132
Laboratory location:	No.103, No.10, Phase I, Zone 3, Xinxing Industrial Park, Xinhe, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China

1.4 Measurement Uncertainty

Test Item	Uncertainty Criterion	Measurement Uncertainty	Notes
Occupied Channel Bandwidth	±5%	±0.72%	(1)
RF output power, conducted	±1.5dB	±0.67 dB	(1)
Power Spectral Density, conducted	±3dB	±0.51 dB	(1)
Unwanted Emissions, conducted	±3dB	±0.64 dB	(1)
AC Power Line Conducted Emission	±6dB	± 3.38 dB	(1)
Radiated emissions Below 1GHz	±6dB	±4.26 dB	(1)
Radiated emissions Above 1GHz	±6dB	±4.88 dB	(1)

Note (1): The measurement uncertainty is for coverage factor of k=2 and a level of confidence of 95%.

2. GENERAL INFORMATION

2.1 Client Information

Applicant:	SHENZHEN YUNJI INTELLIGENT TECHNOLOGY CO.,LTD
Address of Applicant:	A2 2F BUILDING ENET NEW INDUSTRIAL PARK, DAFU INDUSTRIALZONE, GUANLAN, LONGHUA SHENZHEN, 518XXX China
Manufacturer:	SHENZHEN YUNJI INTELLIGENT TECHNOLOGY CO.,LTD
Address of Manufacturer	A2 2F BUILDING ENET NEW INDUSTRIAL PARK, DAFU INDUSTRIALZONE, GUANLAN, LONGHUA SHENZHEN, 518XXX China

2.2 Product Description

2.2.1 Main unit information

Product Name	Smart phone
Brand Name	OUKITE
Model Name	C26 Mini
Series Model(s)	C26,C26 S,C26 E,C26 Pro,C26 Plus,C26 Ultra,C26 Max,C26 GT,C26 Go,C26 Lite
Model Difference	Only different in model name
Power Rating	Input: DC 5V 2A
Hardware version	N/A
Software version	N/A

2.2.2 Accessory unit information

Adapter	Model: S215 Brand: N/A Rated Voltage: 3.85V Charge Limit Voltage: 4.4V Capacity: 2300mAh Manufacturer: Zhongshan Jiuliyuan New Energy Technology Co., Ltd. Address: 2-3F, Building 4; 2-4F, Building 5, No. 20, Beichen Road, Cuiheng New Area, Nanlang Street, Zhongshan City, Guangdong Province, China
Battery	Model: HJ-0502000N2-US Brand: N/A Input: 100-240V~50/60Hz 0.3A Output: 5.0V=2.0A Manufacturer: SHENZHEN HUAJIN ELECTRONICSCO LTD Address: BLK E 518000/BLK E XINZHONGQIAO INDUSTRIAL PARK BAOLONG SIX RD BAOLONG INDUSTRIAL CITY LONGGANGDISTRICT,SHENZHEN,GUANGDONG,518000 CHINA

2.2.3 Radio Specification information

Tx Frequency:	WCDMA Band II:1850~1910MHz WCDMA Band IV:1710~1755MHz WCDMA Band V:824~849MHz
Rx Frequency:	WCDMA Band II:1930~1990MHz WCDMA Band IV:2110~2155MHz WCDMA Band V:869~894MHz
Modulation Characteristics:	WCDMA: QPSK; HSDPA: QPSK/16QAM; HSUPA: BPSK
SIM Card:	SIM 1 and SIM 2 is a chipset unit and tested as single chipset, SIM 1 is used to tested
WCDMA Class:	Class 3

2.3 Table for Filed Antenna

Ant	Technology	Frequency Range (MHz)	Gain (dBi)	Antenna Type
1	WCDMA Band II	1850~1910	1.79	FPC
	WCDMA Band IV	1710~1755	2.25	
	WCDMA Band V	824~849	-0.89	

Note: All antenna information (Antenna type and Peak Gain) is provided by the manufacturer.

2.4 Test Environment Condition

Ambient Temperature	15 ~ 35° C
Relative Humidity	20% ~ 75%RH
Air Pressure	95-105 kPa

2.5 Channel List

WCDAMA Band II	Frequency (MHz)	Channel	WCDAMA Band IV	Frequency (MHz)	Channel
L	1852.4	9262	L	1712.6	1313
M	1880	9400	M	1740	1450
H	1907.6	9538	H	1752.4	1512
WCDAMA Band V	Frequency (MHz)	Channel	/	/	/
L	826.4	4132	/	/	/
M	836.6	4183	/	/	/
H	846.6	4233	/	/	/

2.6 Test Configuration of Equipment Under Test

Antenna port conducted and radiated test items were performed according to KDB 971168 D01 and ANSI C63.26 2015 Power Meas. License Digital Systems with maximum output power.

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

Radiated emissions were investigated as following frequency range:

1. 30 MHz to 10th harmonic for All frequency bands.

All modes and data rates and positions were investigated.

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

Band	Radiated TCS
WCDMA Band V	RMC 12.2Kbps Link
WCDMA Band II	RMC 12.2Kbps Link
WCDMA Band IV	RMC 12.2Kbps Link

2.7 Measurement Instruments

Item	Equipment name	Manufacturer	Model	Serial No.	Calibration date	Due date
1	EMI Test Receiver	Rohde&schwarz	ESCI7	100605	2026.3.05	2027.3.04
2	EMI Test Receiver	Rohde&schwarz	ESCI3	102696	2026.3.05	2027.3.04
3	Loop Antenna	schwarabeck	FMZB 1519 B	FMZB 1519 B	2026.3.08	2028.3.07
4	Broadband antenna	schwarabeck	VULB9168	1064	2026.3.11	2028.3.10
5	Horn antenna	schwarabeck	BBHA9120D	9120D-1145	2026.3.08	2028.3.07
6	amplifier	EMtrace	RP01A	50117	2026.3.05	2027.3.04
7	Artificial power network	schwarabeck	NSLK8127	8127483	2026.3.05	2027.3.04
8	Artificial power network	ETS	3186/2NM	1132	2026.3.05	2027.3.04
9	10dB attenuator	HUBER+SUHNER	10dB	/	2026.3.05	2027.3.04
10	amplifier	Space-Dtronics	EWLAN0118G-P40	19113001	2026.3.05	2027.3.04
11	Filter	Xingbo	XBLBQ-GTA19	210410-3-1	2026.3.05	2027.3.04
12	Filter	Xin bo	XBLBQ-GTA29	210410-3-2	2026.3.05	2027.3.04
14	Automated filter bank	Tonscend	JS0806-F	CTA-404	2026.3.05	2027.3.04
15	Spectrum analyzer	KEYSIGHT	N9020A	MY55370280	2026.3.05	2027.3.04
16	Power detector box	MWRFtest	MW100-PSB	MW201020JY T	2026.3.05	2027.3.04
17	Amplifier	SKET	LNPA_1840-50	SK201904030 2	2026.3.05	2027.3.04
18	Horn antenna	schwarabeck	BBHA 9170	946	2026.3.08	2028.3.07
19	Vector Signal generator	Agilent	N5182A	MY49060455	2026.3.05	2027.3.04
20	Power detector	MWRFtest	MW100-PSB	MW201020JY T	2026.3.05	2027.3.04

21	Comprehensive test instrument	Rohde&schwarz	cmw500	149155	2026.3.05	2027.3.04
22	Spectrum analyzer	Rohde&schwarz	FSV40	1166.1660K43	2026.3.05	2027.3.04

Note: the calibration interval of the above test instruments is 12 or 24 months and the calibrations are traceable to international system unit (SI).

Software Name	Manufacturer	Model	Version
WCDMA test software	WCS	WCS-WCDMA	Ver:25.09.1601
EMI Test soft	Farad	EZ-EMC	Ver.EMC-CON 3A1.1
EMI Test soft	Farad	EZ-EMC	Ver.FA-03A2 RE

3. TEST CONDITIONS AND RESULTS

3.1 Conducted Output Power & Transmitter Radiated Power

3.1.1 Test Limit

WCDMA BAND II

Mobile and portable stations are limited to 2 watts EIRP and the equipment must employ a means for limiting power to the minimum necessary for successful communications.

WCDMA Band IV

Fixed, mobile stations operating in the 1710-1755 MHz band and mobile in the 1695-1710 MHz and 1755-1780 MHz bands are limited to 1 watt EIRP.

WCDMA Band V

The ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

3.1.2 Test Procedures

ANSI C63.26-2015 - Section 5.2.4.2

3.1.3 Test Setting

CONDUCTED OUTPUT POWER:

Average power measurements were performed only when the EUT was transmitting at its maximum power control level using a broadband power meter with a pulse sensor. The power meter implemented triggering and gating capabilities which were set up such that power measurements were recorded only during the ON time of the transmitter.

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) $ERP \text{ or } EIRP = P_{Meas} + GT$
EIRP = Conducted power + antenna gain
 $ERP = EIRP - 2.15$

Where:

ERP or EIRP effective radiated power or equivalent isotropically radiated power, respectively (expressed in the same units as P_{Meas} , e.g., dBm or dBW)

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

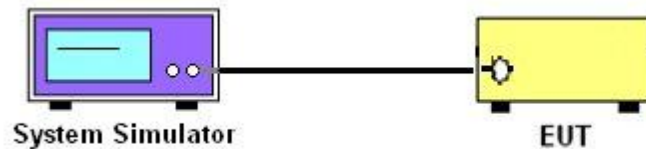
GT gain of the transmitting antenna, in dBd (ERP) or dBi (EIRP)

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.

3.1.4 Test Setup



3.1.5 Test Result

Note: The test data please reference to attachment "Appendix RF Test Data For WCDMA".

3.2 Peak To Average Ratio

3.2.1 TEST LIMIT

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.

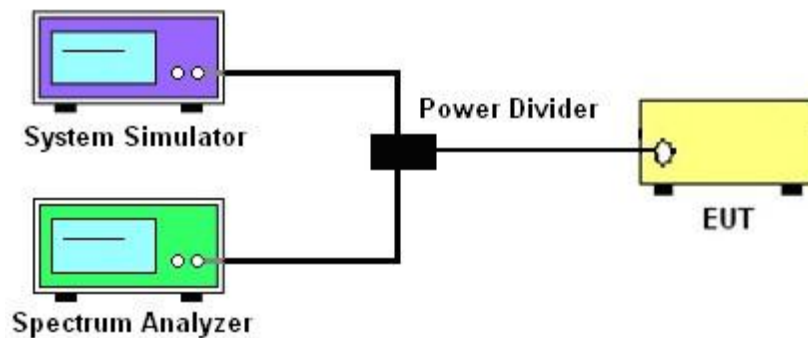
3.2.2 Test Procedures

ANSI C63.26-2015 - Section 5.2.3.4 (CCDF)

3.2.3 Test Setting

1. Set the resolution/measurement bandwidth $\geq$ signal's occupied bandwidth
2. Set the number of counts to a value that stabilizes the measured CCDF curve
3. Record the maximum PAPR level associated with a probability of 0.1%

3.2.4 Test Setup



3.2.5 Test Result

Note: The test data please reference to attachment "Appendix RF Test Data For WCDMA".

3.3 Occupied Bandwidth

3.3.1 Test Limit

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.

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

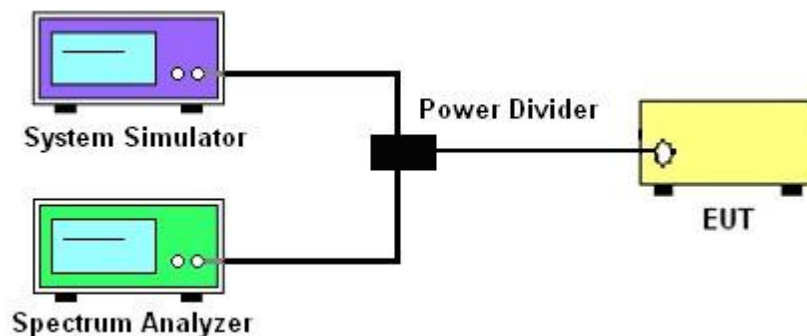
3.3.2 Test Procedure

ANSI C63.26-2015 - Section 5.4.4

3.3.3 Test Setting

1. Set center frequency to the nominal EUT channel center frequency
2. RBW = The nominal RBW shall be in the range of 1% to 5% of the anticipated OBW
3. $VBW \geq 3 \times RBW$
4. Detector = Peak
5. Trace mode = max hold
6. Sweep = auto couple
7. Allow the trace to stabilize
8. Use the 99% power bandwidth function of the instrument and report the measured bandwidth.

3.3.4 Test Setup



3.3.5 Test Result

Note: The test data please reference to attachment “Appendix RF Test Data For WCDMA”.

3.4 Frequency Stability

3.4.1 Test Limit

The frequency stability shall be measured by variation of ambient temperature and variation of primary supply voltage to ensure that the fundamental emission stays within the authorized frequency block.

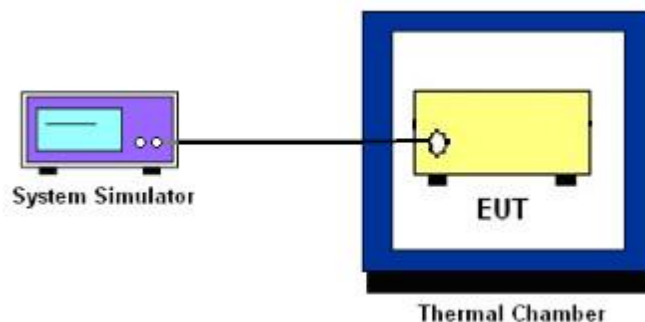
3.4.2 Test Procedure

ANSI C63.26-2015 - Section 5.6

3.4.3 Test Setting

1. A reference point shall be established at the applicable unwanted emissions limit using a RBW equal to the RBW required by the unwanted emissions specification of the applicable regulatory standard. These reference points measured using the lowest and highest channel of operation shall be identified as f_L and f_H respectively.
2. Use the frequency error function of the instrument and record the frequency error.
3. Change the temperature of equipment and repeat Steps 2.
4. Change the Voltage of equipment and repeat Steps 2.
5. The frequency error offset determined in the above methods shall be added or subtracted from the values of f_L and f_H and the resulting frequencies must remain within the band

3.4.4 Test Setup



3.4.5 Test Result

UMTS Band 2 /1880MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	33.73	0.018	Within Authorized Band	PASS
40		24.42	0.013		
30		33.01	0.018		
20		18.86	0.010		
10		34.55	0.018		
0		21.54	0.011		
-10		26.28	0.014		
-20		24.53	0.013		
-30		22.41	0.012		
20	Maximum Voltage	25.93	0.014		
20	BEP	12.84	0.007		

HSDPA Band 2 /1880MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	22.81	0.012	Within Authorized Band	PASS
40		12.61	0.007		
30		24.80	0.013		
20		22.04	0.012		
10		25.49	0.014		
0		36.05	0.019		
-10		35.26	0.019		
-20		32.20	0.017		
-30		19.50	0.010		
20	Maximum Voltage	23.29	0.012		
20	BEP	24.32	0.013		

HSUPA Band 2 /1880MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	11.83	0.006	Within Authorized Band	PASS
40		21.67	0.012		
30		28.01	0.015		
20		19.07	0.010		
10		30.24	0.016		
0		17.00	0.009		
-10		16.01	0.009		
-20		17.40	0.009		
-30		27.75	0.015		
20	Maximum Voltage	21.61	0.011		
20	BEP	20.59	0.011		

UMTS Band 4 /1740MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	20.13	0.011	Within Authorized Band	PASS
40		16.34	0.009		
30		15.81	0.008		
20		27.05	0.014		
10		27.33	0.015		
0		13.48	0.007		
-10		25.82	0.014		
-20		20.21	0.011		
-30		18.82	0.010		
20	Maximum Voltage	20.29	0.011		
20	BEP	12.20	0.006		

HSDPA Band 4 /1740MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	20.85	0.011	Within Authorized Band	PASS
40		24.22	0.013		
30		29.81	0.016		
20		35.27	0.019		
10		28.06	0.015		
0		17.65	0.009		
-10		18.23	0.010		
-20		14.05	0.007		
-30		22.51	0.012		
20	Maximum Voltage	33.26	0.018		
20	BEP	13.57	0.007		

HSUPA Band 4 /1740MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	11.64	0.006	Within Authorized Band	PASS
40		11.99	0.006		
30		25.91	0.014		
20		25.05	0.013		
10		33.59	0.018		
0		14.86	0.008		
-10		26.08	0.014		
-20		31.26	0.017		
-30		21.51	0.011		
20	Maximum Voltage	26.89	0.014		
20	BEP	18.08	0.010		

UMTS Band 5 / 836.4MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	11.88	0.014	2.5ppm	PASS
40		30.31	0.036		
30		16.09	0.019		
20		34.48	0.041		
10		13.47	0.016		
0		34.35	0.041		
-10		12.20	0.015		
-20		12.53	0.015		
-30		15.72	0.019		
20	Maximum Voltage	29.77	0.036		
20	BEP	30.91	0.037		

HSDPA Band 5 / 836.4MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	24.77	0.030	2.5ppm	PASS
40		18.63	0.022		
30		19.11	0.023		
20		20.72	0.025		
10		16.97	0.020		
0		13.91	0.017		
-10		26.53	0.032		
-20		16.78	0.020		
-30		18.00	0.022		
20	Maximum Voltage	33.24	0.040		
20	BEP	24.62	0.029		



HSUPA Band 5 / 836.4MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	33.02	0.039	2.5ppm	PASS
40		36.50	0.044		
30		12.46	0.015		
20		20.54	0.025		
10		20.33	0.024		
0		11.66	0.014		
-10		17.15	0.020		
-20		18.91	0.023		
-30		24.03	0.029		
20	Maximum Voltage	29.85	0.036		
20	BEP	34.61	0.041		

3.5 Spurious Emissions at Antenna Terminals

3.5.1 Test Limit

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

The level of the carrier and the various conducted spurious and harmonic frequencies is measured by means of a calibrated spectrum analyzer. The spectrum is scanned from the lowest frequency generated in the equipment up to a frequency including its 10th harmonic. 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 its maximum duty cycle, 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.

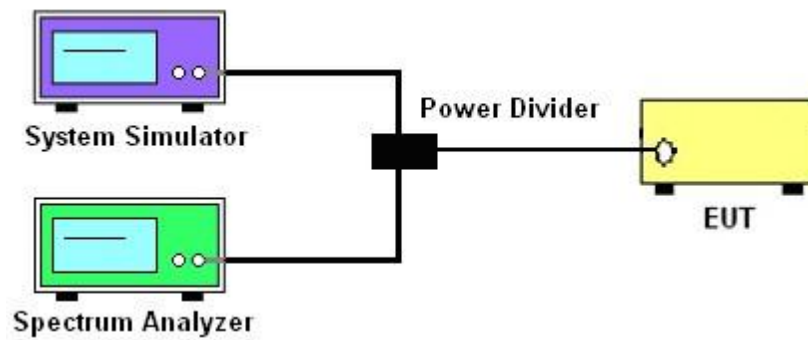
3.5.2 Test Procedure

ANSI C63.26-2015-Section 5.7.

3.5.3 Test Setting

1. Set the analyzer frequency to low, Mid or high channel.
2. RBW = specified resolution bandwidth
3. VBW $\geq$ 3*RBW
4. Sweep time = auto
5. Detector = power averaging (rms)
6. If the EUT can be configured to transmit continuously, then set the trigger to free run
7. If the EUT cannot be configured to transmit continuously, then use a sweep trigger with the level set to enable triggering only on full power bursts and configure the EUT to transmit at full power for the entire duration of each sweep. Verify that the sweep time is less than or equal to the transmission burst duration. Time gating can also be used under similar constraints
8. Use the peak marker function to determine the maximum amplitude level.

3.5.4 Test Setup



3.5.5 Test Result

Note: The test data please reference to attachment “Appendix RF Test Data For WCDMA”.

3.6 Band Edge

3.6.1 Test Limit

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

In all cases, the frequency range for the band-edge or emission mask measurements shall be selected such that compliance with the applicable emission limit(s) can be demonstrated at the block/band/channel-edge frequencies and beyond as specified in the relevant regulations. Spectrum plots shall be included in the report for demonstrating compliance with all of the applicable emissions limits.

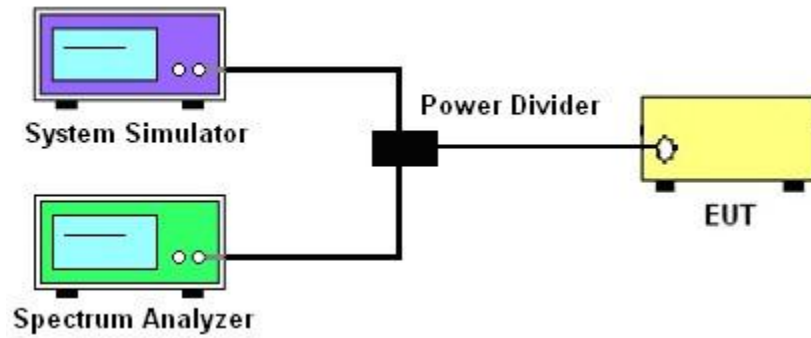
3.6.2 Test Procedure

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3.6.3 Test Setting

1. Set the analyzer frequency to Low or High channel
2. RBW = specified resolution bandwidth, for improvement of the accuracy in the measurement of the average power of a noise-like emission, a RBW narrower than the specified reference bandwidth can be used (generally limited to no less than 1% of the frequency block group, provided that a subsequent integration is performed over the full required measurement bandwidth. This integration should be performed using the spectrum analyzer's band power functions.
3. $VBW \geq 3 \cdot RBW$
4. Sweep time = auto
5. Detector = power averaging (rms)
6. If the EUT can be configured to transmit continuously, then set the trigger to free run
7. If the EUT cannot be configured to transmit continuously, then use a sweep trigger with the level set to enable triggering only on full power bursts and configure the EUT to transmit at full power for the entire duration of each sweep. Verify that the sweep time is less than or equal to the transmission burst duration. Time gating can also be used under similar constraints
8. Compute the power by integrating the spectrum across the specified resolution bandwidth using the instrument's band or channel power measurement function, with the band/channel limits set equal to the specified resolution bandwidth, when using a measurement bandwidth smaller than the specified bandwidth. Otherwise, Use the peak marker function to determine the maximum amplitude level.

3.6.4 Test Setup



3.6.5 Test Result

Note: The test data please reference to attachment “Appendix RF Test Data For WCDMA”.

3.7 Field Strength of Spurious Radiation Measurement

3.7.1 Test Limit

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

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 signals operating below 1GHz are performed using horizontally and vertically polarized tuned dipole antennas. Measurements on signals operating above 1GHz are performed using vertically and horizontally polarized horn antennas. All measurements are performed as peak measurements while the EUT is operating 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.

3.7.2 Test Procedure

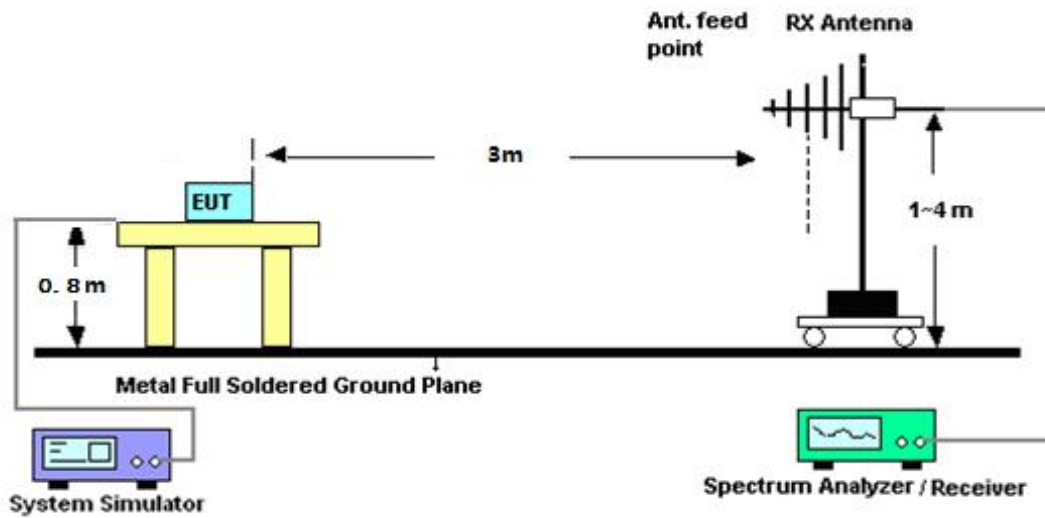
ANSI C63.26-2015 - Section 5.2.7 & 5.5

3.7.3 Test Setting

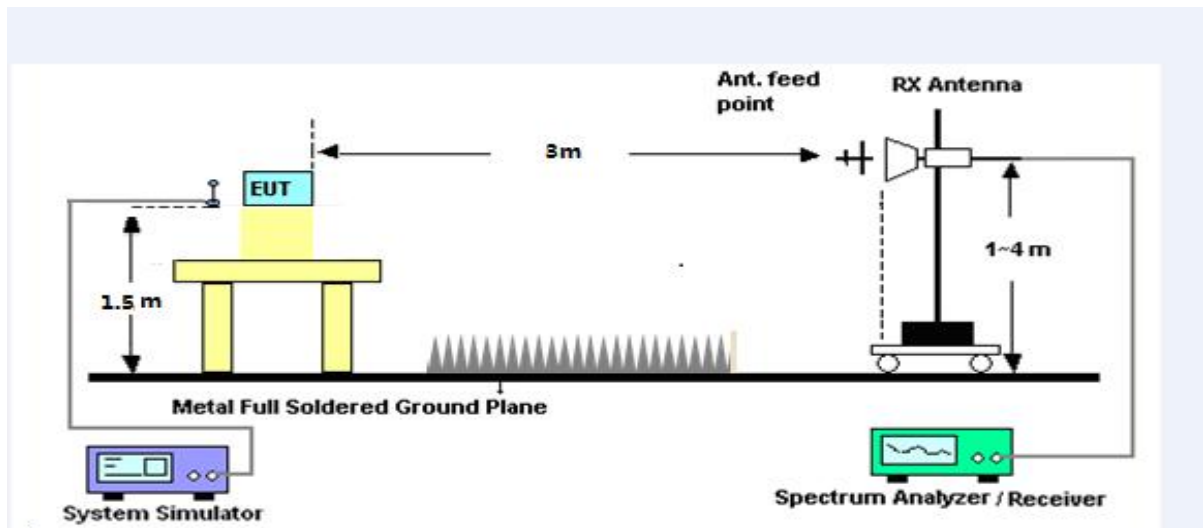
1. RBW = 120kHz or 1MHz
2. VBW $\geq 3 \times$ RBW
3. Sweep time $\geq 10 \times$ (number of points in sweep) $\times$ (transmission symbol period)
4. Detector = CISPR quasi-peak/average detector (Below 1 GHz, compliance with the limits shall be demonstrated using a CISPR quasi-peak detector and the related measurement bandwidth. Above 1 GHz, compliance with the limits shall be demonstrated using a linear average detector with a minimum resolution bandwidth of 1 MHz.)
5. The trace was allowed to stabilize

3.7.4 Test Setup

For radiated test from 30MHz to 1GHz



For radiated test from above 1GHz



3.7.5 Test Result

Note:

- (1) Spurious emissions which are attenuated by more than 20dB below the permissible value for frequency below 1000MHz.
- (2) Above 3.5GHz amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value
- (3) For the radiated emission tests, each axis (X, Y, Z) was also verified. The test results shown in the following sections represent the worst-case emissions.

WCDMA Band 2: (30-20000)MHz							
The Worst Test Results for Channel 9262/1852.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3704.12	-34.64	12.60	12.93	-34.97	-13.00	-21.97	H
5557.30	-34.20	13.10	17.11	-38.21	-13.00	-25.21	H
7409.53	-32.53	11.50	22.20	-43.23	-13.00	-30.23	H
3704.12	-35.55	12.60	12.93	-35.88	-13.00	-22.88	V
5557.30	-33.78	13.10	17.11	-37.79	-13.00	-24.79	V
7409.53	-33.04	11.50	22.20	-43.74	-13.00	-30.74	V
The Worst Test Results for Channel 9400/1880MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3760.14	-33.98	12.60	12.93	-34.31	-13.00	-21.31	H
5639.89	-34.84	13.10	17.11	-38.85	-13.00	-25.85	H
7519.97	-33.02	11.50	22.20	-43.72	-13.00	-30.72	H
3760.14	-34.55	12.60	12.93	-34.88	-13.00	-21.88	V
5639.89	-34.84	13.10	17.11	-38.85	-13.00	-25.85	V
7519.97	-33.10	11.50	22.20	-43.80	-13.00	-30.80	V
The Worst Test Results for Channel 9538/1907.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3815.26	-33.77	12.60	12.93	-34.10	-13.00	-21.10	H
5722.59	-34.59	13.10	17.11	-38.60	-13.00	-25.60	H
7630.42	-32.39	11.50	22.20	-43.09	-13.00	-30.09	H
3815.26	-35.72	12.60	12.93	-36.05	-13.00	-23.05	V
5722.59	-34.08	13.10	17.11	-38.09	-13.00	-25.09	V
7630.42	-31.93	11.50	22.20	-42.63	-13.00	-29.63	V

HSDPA Band 2: (30-20000)MHz							
The Worst Test Results for Channel 9262/1852.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3704.01	-33.65	12.60	12.93	-33.98	-13.00	-20.98	H
5557.45	-34.18	13.10	17.11	-38.19	-13.00	-25.19	H
7409.49	-32.55	11.50	22.20	-43.25	-13.00	-30.25	H
3704.01	-35.60	12.60	12.93	-35.93	-13.00	-22.93	V
5557.45	-34.91	13.10	17.11	-38.92	-13.00	-25.92	V
7409.49	-33.01	11.50	22.20	-43.71	-13.00	-30.71	V
The Worst Test Results for Channel 9400/1880MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3760.02	-33.91	12.60	12.93	-34.24	-13.00	-21.24	H
5640.28	-35.02	13.10	17.11	-39.03	-13.00	-26.03	H
7519.97	-33.65	11.50	22.20	-44.35	-13.00	-31.35	H
3760.02	-34.64	12.60	12.93	-34.97	-13.00	-21.97	V
5640.28	-34.67	13.10	17.11	-38.68	-13.00	-25.68	V
7519.97	-32.03	11.50	22.20	-42.73	-13.00	-29.73	V
The Worst Test Results for Channel 9538/1907.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3815.65	-33.51	12.60	12.93	-33.84	-13.00	-20.84	H
5722.42	-35.46	13.10	17.11	-39.47	-13.00	-26.47	H
7630.43	-33.62	11.50	22.20	-44.32	-13.00	-31.32	H
3815.65	-34.93	12.60	12.93	-35.26	-13.00	-22.26	V
5722.42	-34.32	13.10	17.11	-38.33	-13.00	-25.33	V
7630.43	-33.07	11.50	22.20	-43.77	-13.00	-30.77	V

HSUPA Band 2: (30-20000)MHz							
The Worst Test Results for Channel 9262/1852.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3704.29	-34.04	12.60	12.93	-34.37	-13.00	-21.37	H
5557.42	-34.37	13.10	17.11	-38.38	-13.00	-25.38	H
7409.78	-33.39	11.50	22.20	-44.09	-13.00	-31.09	H
3704.29	-34.90	12.60	12.93	-35.23	-13.00	-22.23	V
5557.42	-33.88	13.10	17.11	-37.89	-13.00	-24.89	V
7409.78	-31.93	11.50	22.20	-42.63	-13.00	-29.63	V
The Worst Test Results for Channel 9400/1880MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3759.78	-34.78	12.60	12.93	-35.11	-13.00	-22.11	H
5640.27	-34.89	13.10	17.11	-38.90	-13.00	-25.90	H
7519.89	-33.55	11.50	22.20	-44.25	-13.00	-31.25	H
3759.78	-34.67	12.60	12.93	-35.00	-13.00	-22.00	V
5640.27	-34.55	13.10	17.11	-38.56	-13.00	-25.56	V
7519.89	-31.84	11.50	22.20	-42.54	-13.00	-29.54	V
The Worst Test Results for Channel 9538/1907.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3815.59	-34.51	12.60	12.93	-34.84	-13.00	-21.84	H
5722.83	-34.95	13.10	17.11	-38.96	-13.00	-25.96	H
7630.32	-32.40	11.50	22.20	-43.10	-13.00	-30.10	H
3815.59	-35.62	12.60	12.93	-35.95	-13.00	-22.95	V
5722.83	-35.00	13.10	17.11	-39.01	-13.00	-26.01	V
7630.32	-31.82	11.50	22.20	-42.52	-13.00	-29.52	V

WCDMA Band 4: (30-18000)MHz							
The Worst Test Results for Channel 1312/1712.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3424.93	-33.80	12.90	12.05	-32.95	-13.00	-19.95	H
5137.06	-35.02	12.80	16.27	-38.49	-13.00	-25.49	H
6849.52	-32.24	12.30	20.13	-40.07	-13.00	-27.07	H
3424.93	-34.86	12.90	12.05	-34.01	-13.00	-21.01	V
5137.06	-34.01	12.80	16.27	-37.48	-13.00	-24.48	V
6849.52	-32.73	12.30	20.13	-40.56	-13.00	-27.56	V
The Worst Test Results for Channel 1450/1740.0MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3479.78	-34.06	12.90	12.05	-33.21	-13.00	-20.21	H
5220.01	-34.08	12.80	16.27	-37.55	-13.00	-24.55	H
6959.89	-33.32	12.30	20.13	-41.15	-13.00	-28.15	H
3479.78	-35.91	12.90	12.05	-35.06	-13.00	-22.06	V
5220.01	-34.10	12.80	16.27	-37.57	-13.00	-24.57	V
6959.89	-32.24	12.30	20.13	-40.07	-13.00	-27.07	V
The Worst Test Results for Channel 1513/1752.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3505.09	-33.93	12.90	12.05	-33.08	-13.00	-20.08	H
5257.93	-35.16	12.80	16.27	-38.63	-13.00	-25.63	H
7010.15	-32.31	12.30	20.13	-40.14	-13.00	-27.14	H
3505.09	-35.94	12.90	12.05	-35.09	-13.00	-22.09	V
5257.93	-34.91	12.80	16.27	-38.38	-13.00	-25.38	V
7010.15	-31.71	12.30	20.13	-39.54	-13.00	-26.54	V

HSDPA Band 4: (30-18000)MHz							
The Worst Test Results for Channel 1312/1712.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3425.01	-33.74	12.90	12.05	-32.89	-13.00	-19.89	H
5137.35	-34.71	12.80	16.27	-38.18	-13.00	-25.18	H
6849.85	-33.19	12.30	20.13	-41.02	-13.00	-28.02	H
3425.01	-35.37	12.90	12.05	-34.52	-13.00	-21.52	V
5137.35	-33.87	12.80	16.27	-37.34	-13.00	-24.34	V
6849.85	-33.20	12.30	20.13	-41.03	-13.00	-28.03	V
The Worst Test Results for Channel 1450/1740.0MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3479.79	-34.00	12.90	12.05	-33.15	-13.00	-20.15	H
5220.02	-34.95	12.80	16.27	-38.42	-13.00	-25.42	H
6960.07	-33.27	12.30	20.13	-41.10	-13.00	-28.10	H
3479.79	-35.28	12.90	12.05	-34.43	-13.00	-21.43	V
5220.02	-35.24	12.80	16.27	-38.71	-13.00	-25.71	V
6960.07	-32.88	12.30	20.13	-40.71	-13.00	-27.71	V
The Worst Test Results for Channel 1513/1752.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3505.18	-33.96	12.90	12.05	-33.11	-13.00	-20.11	H
5257.96	-34.81	12.80	16.27	-38.28	-13.00	-25.28	H
7010.24	-32.77	12.30	20.13	-40.60	-13.00	-27.60	H
3505.18	-35.87	12.90	12.05	-35.02	-13.00	-22.02	V
5257.96	-34.77	12.80	16.27	-38.24	-13.00	-25.24	V
7010.24	-33.09	12.30	20.13	-40.92	-13.00	-27.92	V

HSUPA Band 4: (30-18000)MHz							
The Worst Test Results for Channel 1312/1712.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3424.91	-34.44	12.90	12.05	-33.59	-13.00	-20.59	H
5137.46	-34.75	12.80	16.27	-38.22	-13.00	-25.22	H
6849.93	-32.84	12.30	20.13	-40.67	-13.00	-27.67	H
3424.91	-35.49	12.90	12.05	-34.64	-13.00	-21.64	V
5137.46	-33.97	12.80	16.27	-37.44	-13.00	-24.44	V
6849.93	-33.17	12.30	20.13	-41.00	-13.00	-28.00	V
The Worst Test Results for Channel 1450/1740.0MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3479.99	-34.24	12.90	12.05	-33.39	-13.00	-20.39	H
5219.88	-34.61	12.80	16.27	-38.08	-13.00	-25.08	H
6959.75	-33.47	12.30	20.13	-41.30	-13.00	-28.30	H
3479.99	-35.30	12.90	12.05	-34.45	-13.00	-21.45	V
5219.88	-34.08	12.80	16.27	-37.55	-13.00	-24.55	V
6959.75	-32.81	12.30	20.13	-40.64	-13.00	-27.64	V
The Worst Test Results for Channel 1513/1752.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3505.36	-34.03	12.90	12.05	-33.18	-13.00	-20.18	H
5257.74	-34.94	12.80	16.27	-38.41	-13.00	-25.41	H
7010.13	-33.57	12.30	20.13	-41.40	-13.00	-28.40	H
3505.36	-34.72	12.90	12.05	-33.87	-13.00	-20.87	V
5257.74	-34.31	12.80	16.27	-37.78	-13.00	-24.78	V
7010.13	-33.15	12.30	20.13	-40.98	-13.00	-27.98	V

WCDMA Band 5: (30-9000)MHz							
The worst testresults channel 4132/826.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1652.68	-40.95	9.40	4.75	-36.30	-13.00	-23.30	H
2479.29	-40.55	10.60	8.39	-38.34	-13.00	-25.34	H
3305.88	-31.23	12.00	11.79	-31.02	-13.00	-18.02	H
1652.68	-43.67	9.40	4.75	-39.02	-13.00	-26.02	V
2479.29	-44.80	10.60	8.39	-42.59	-13.00	-29.59	V
3305.88	-42.59	12.00	11.79	-42.38	-13.00	-29.38	V
The Worst Test Results Channel 4182/836.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1672.82	-40.53	9.40	4.75	-35.88	-13.00	-22.88	H
2509.32	-39.26	10.60	8.39	-37.05	-13.00	-24.05	H
3345.86	-31.08	12.00	11.79	-30.87	-13.00	-17.87	H
1672.82	-43.21	9.40	4.75	-38.56	-13.00	-25.56	V
2509.32	-44.99	10.60	8.39	-42.78	-13.00	-29.78	V
3345.86	-43.09	12.00	11.79	-42.88	-13.00	-29.88	V
The Worst Test Results Channel 4233/846.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1693.51	-41.14	9.40	4.75	-36.49	-13.00	-23.49	H
2539.91	-40.38	10.60	8.39	-38.17	-13.00	-25.17	H
3386.41	-32.23	12.00	11.79	-32.02	-13.00	-19.02	H
1693.51	-43.42	9.40	4.75	-38.77	-13.00	-25.77	V
2539.91	-44.93	10.60	8.39	-42.72	-13.00	-29.72	V
3386.41	-43.28	12.00	11.79	-43.07	-13.00	-30.07	V

HSDPA Band 5: (30-9000)MHz							
The worst testresults channel 4132/826.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1652.49	-40.15	9.40	4.75	-35.50	-13.00	-22.50	H
2479.49	-39.90	10.60	8.39	-37.69	-13.00	-24.69	H
3305.92	-31.22	12.00	11.79	-31.01	-13.00	-18.01	H
1652.49	-43.50	9.40	4.75	-38.85	-13.00	-25.85	V
2479.49	-45.10	10.60	8.39	-42.89	-13.00	-29.89	V
3305.92	-42.74	12.00	11.79	-42.53	-13.00	-29.53	V
The Worst Test Results Channel 4182/836.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1672.56	-40.93	9.40	4.75	-36.28	-13.00	-23.28	H
2509.28	-39.44	10.60	8.39	-37.23	-13.00	-24.23	H
3345.65	-31.36	12.00	11.79	-31.15	-13.00	-18.15	H
1672.56	-44.61	9.40	4.75	-39.96	-13.00	-26.96	V
2509.28	-45.34	10.60	8.39	-43.13	-13.00	-30.13	V
3345.65	-43.65	12.00	11.79	-43.44	-13.00	-30.44	V
The Worst Test Results Channel 4233/846.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1693.55	-41.26	9.40	4.75	-36.61	-13.00	-23.61	H
2539.52	-39.67	10.60	8.39	-37.46	-13.00	-24.46	H
3386.27	-31.39	12.00	11.79	-31.18	-13.00	-18.18	H
1693.55	-44.55	9.40	4.75	-39.90	-13.00	-26.90	V
2539.52	-44.92	10.60	8.39	-42.71	-13.00	-29.71	V
3386.27	-43.50	12.00	11.79	-43.29	-13.00	-30.29	V

HSUPA Band 5: (30-9000)MHz							
The worst testresults channel 4132/826.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1652.54	-40.43	9.40	4.75	-35.78	-13.00	-22.78	H
2479.19	-40.59	10.60	8.39	-38.38	-13.00	-25.38	H
3305.90	-30.96	12.00	11.79	-30.75	-13.00	-17.75	H
1652.54	-43.35	9.40	4.75	-38.70	-13.00	-25.70	V
2479.19	-45.29	10.60	8.39	-43.08	-13.00	-30.08	V
3305.90	-43.57	12.00	11.79	-43.36	-13.00	-30.36	V
The Worst Test Results Channel 4182/836.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1672.75	-40.99	9.40	4.75	-36.34	-13.00	-23.34	H
2509.05	-39.21	10.60	8.39	-37.00	-13.00	-24.00	H
3345.67	-31.21	12.00	11.79	-31.00	-13.00	-18.00	H
1672.75	-44.60	9.40	4.75	-39.95	-13.00	-26.95	V
2509.05	-44.54	10.60	8.39	-42.33	-13.00	-29.33	V
3345.67	-42.75	12.00	11.79	-42.54	-13.00	-29.54	V
The Worst Test Results Channel 4233/846.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1693.28	-40.74	9.40	4.75	-36.09	-13.00	-23.09	H
2539.75	-39.78	10.60	8.39	-37.57	-13.00	-24.57	H
3386.38	-31.23	12.00	11.79	-31.02	-13.00	-18.02	H
1693.28	-43.55	9.40	4.75	-38.90	-13.00	-25.90	V
2539.75	-44.25	10.60	8.39	-42.04	-13.00	-29.04	V
3386.38	-42.66	12.00	11.79	-42.45	-13.00	-29.45	V



4. 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*****