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RADIO TEST REPORT

Report No.: STS2109321W01

Issued for

Beijing Orion Star Technology Co., Ltd.

Room A-2570, 2nd Floor, No. 30, Shixing Street, Shijingshan
District, Beijing China

Product Name:	AI Delivery Robot
Brand Name:	
Model Name:	OS-R-DR01
Series Model:	N/A
FCC ID:	2A3BD-OSRDR01
Test Standard:	FCC Part 22H and 24E, 27

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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: Beijing Orion Star Technology Co., Ltd.
Address.....: Room A-2570, 2nd Floor, No. 30, Shixing Street, Shijingshan District, Beijing China
Manufacturer's Name: Beijing Orion Star Technology Co., Ltd.
Address.....: Room A-2570, 2nd Floor, No. 30, Shixing Street, Shijingshan District, Beijing China

Product Description

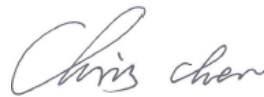
Product Name: AI Delivery Robot
Brand Name: 
Model Name.....: OS-R-DR01
Series Model.....: N/A
Test Standards: FCC Part 22H and 24E, 27
Test Procedure.....: KDB 971168 D01 v03r01, ANSI C63.26(2015)

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 requirements. And it is applicable only to the tested sample identified in the report.
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Date of Test.....:

Date of receipt of test item: 24 Sept. 2021
Date (s) of performance of tests : 24 Sept. 2021 ~ 08 Oct. 2021
Date of Issue: 08 Oct. 2021
Test Result: Pass

Testing Engineer :



(Chris Chen)

Technical Manager :



(Sean she)

Authorized Signatory :



(Vita Li)





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**Revision History**

Rev.	Issue Date	Report NO.	Effect Page	Contents
00	08 Oct. 2021	STS2109321W01	ALL	Initial Issue



**SUMMARY OF TEST RESULTS**
UMTS Band5

Summary of Test Results			
Test Item	Standard	Requirements	Result
Effective (Isotropic) Radiated Power	FCC §2.1046, §22.913	ERP: $\leq 7W$	Pass
Peak-to-Average Ratio	FCC §2.1046	Limit: $\leq 13dB$	Refer
Modulation Characteristics	FCC §2.1047	Digital modulation	Refer
Occupied Bandwidth	FCC §2.1049	No limit	Refer
Band Edges Compliance	FCC §2.1051, §22.917	Limit: $\leq P(dBm) - [43 + 10 \log(P(w))]$ dBm	Refer
Spurious Emission at Antenna Terminals	FCC §2.1051, §22.917	Limit: $\leq P(dBm) - [43 + 10 \log(P(w))]$ dBm	Refer
Field Strength of Spurious Radiation	FCC §2.1053, §22.917	Limit: $\leq P(dBm) - [43 + 10 \log(P(w))]$ dBm	Pass
Frequency Stability	FCC §2.1055, §22.355	Δ : $< \pm 2.5ppm$	Refer
Remark: 1. For the Result, the "N/A" denotes "not applicable", the "N/T" denotes "not tested". 2. For the Result the "Refer" means the test item refer to modular report, report number is HR/2019/1001601.			

**UMTS Band2**

Summary of Test Results			
Test Item	Standard	Requirements	Result
Effective (Isotropic) Radiated Power	FCC §2.1046, §24.232	EIRP: ≤2W	Pass
Peak-to-Average Ratio	FCC §2.1046, §24.232	Limit: ≤13dB	Refer
Modulation Characteristics	FCC §2.1047	Digital modulation	Refer
Occupied Bandwidth	§2.1049	No limit	Refer
Band Edges Compliance	FCC §2.1051, §24.238	Limit: ≤ P(dBm)- [43 + 10 log(P(w))] dBm	Refer
Spurious Emission at Antenna Terminals	FCC §2.1051, §24.238	Limit: ≤ P(dBm)- [43 + 10 log(P(w))] dBm	Refer
Field Strength of Spurious Radiation	FCC §2.1053, §24.238	Limit: ≤ P(dBm)- [43 + 10 log(P(w))] dBm	Pass
Frequency Stability	FCC §2.1055, §24.235	Emission must remain in band	Refer
Remark: 1. For the Result, the "N/A" denotes "not applicable", the "N/T" denotes "not tested". 2. For the Result the "Refer" means the test item refer to modular report, report number is HR/2019/1001601.			

**UMTS Band4**

Summary of Test Results			
Test Item	Standard	Requirements	Result
Effective (Isotropic) Radiated Power	FCC §2.1046, §27.50	EIRP: ≤1W	Pass
Peak-to-Average Ratio	FCC §2.1046, §27.50	Limit: ≤13dB	Refer
Modulation Characteristics	FCC §2.1047	Digital modulation	Refer
Occupied Bandwidth	FCC §2.1049	No limit	Refer
Band Edges Compliance	FCC §2.1051, §27.53	Limit: ≤ P(dBm)- [43 + 10 log(P (w))] dBm	Refer
Spurious Emission at Antenna Terminals	FCC §2.1051, §27.53	Limit: ≤ P(dBm)- [43 + 10 log(P (w))] dBm	Refer
Field Strength of Spurious Radiation	FCC §2.1053, §27.53	Limit: ≤ P(dBm)- [43 + 10 log(P (w))] dBm	Pass
Frequency Stability	FCC §2.1055, §27.54	△: <±2.5ppm	Refer
Remark: 1. For the Result, the "N/A" denotes "not applicable", the "N/T" denotes "not tested". 2. For the Result the "Refer" means the test item refer to modular report, report number is HR/2019/1001601.			



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 of ANSI C63.4-2014. All measurement uncertainty values are shown with a coverage factor of $k = 2$ to indicate a 95% level of confidence. The measurement data shown herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and, thus, can be compared directly to specified limits to determine compliance.

No.	Item	Uncertainty
1	RF output power, conducted	$\pm 0.68\text{dB}$
2	Unwanted Emissions, conducted	$\pm 2.988\text{dB}$
3	All emissions, radiated 9K-30MHz	$\pm 2.84\text{dB}$
4	All emissions, radiated 30M-1GHz	$\pm 4.39\text{dB}$
5	All emissions, radiated 1G-6GHz	$\pm 5.10\text{dB}$
6	All emissions, radiated >6G	$\pm 5.48\text{dB}$
7	Conducted Emission (9KHz-150KHz)	$\pm 2.79\text{dB}$
8	Conducted Emission (150KHz-30MHz)	$\pm 2.80\text{dB}$



2 PRODUCT INFORMATION

Product Name	AI Delivery Robot
Trade Name	ORIONSTAR 猎户星空
Model Name	OS-R-DR01
Series Model	N/A
Model Difference	N/A
Tx Frequency:	WCDMA: Band V: 824 MHz ~ 849 MHz Band II: 1850 MHz ~ 1910 MHz Band IV: 1710 MHz ~ 1755 MHz
Rx Frequency:	WCDMA: Band V: 869 MHz ~ 894 MHz Band II: 1930 MHz ~ 1990 MHz Band IV: 2110 MHz ~ 2155 MHz
Modulation Characteristics:	WCDMA: QPSK
SIM Card:	Only support single SIM Card.
Antenna:	PIFA
Antenna gain:	B2: 3.79dBi, B4: 4.13 dBi, B5: -1.51 dBi
Adapter:	Input: 100-240V~50/60HZ 2.5A Output: 32V DC 3.93A
GPRS/EDGE Class:	Multi-Class12
Extreme Vol. Limits:	AC 108V/60Hz~ AC 132V/60Hz(Normal: AC 120V/60Hz)
Extreme Temp. Tolerance:	-30℃ to +50℃
Operating Temp.	0℃ to +40℃
Hardware version number:	N/A
Software version number:	N/A
Note: 1. The High Voltage AC 132V/60Hz and Low Voltage AC 108V/60Hz was declared by manufacturer, The EUT couldn't be operate normally with higher or lower voltage. 2. The antenna information refer the manufacturer provide report, applicable only to the tested sample identified in the report.	



3 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 WCDMA Band V.
2. 30 MHz to 10th harmonic for WCDMA Band IV.
3. 30 MHz to 10th harmonic for WCDMA Band II.

All modes and data rates and positions were investigated.

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

	TEST MODES	
	RADIATED TCS	CONDUCTED TCS
BAND		
WCDMA BAND V	RMC 12.2KBPS LINK	RMC 12.2KBPS LINK
WCDMA BAND II	RMC 12.2KBPS LINK	RMC 12.2KBPS LINK
WCDMA BAND IV	RMC 12.2KBPS LINK	RMC 12.2KBPS LINK



4 MEASUREMENT INSTRUMENTS

Radiation Test equipment

Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until
Test Receiver	R&S	ESCI	101427	2020.10.12	2021.10.11
Signal Analyzer	R&S	FSV 40-N	101823	2020.10.10	2021.10.09
Signal Generator	Agilent	83752A	3610A02740	2020.10.10	2021.10.09
Wireless Communications Test Set	R&S	CMW 500	133884	2021.03.04	2022.03.03
Bilog Antenna	TESEQ	CBL6111D	34678	2020.10.12	2022.10.11
Horn Antenna	SCHWARZBECK	BBHA 9120D	02014	2019.10.15	2021.10.14
Bilog Antenna	TESEQ	CBL6111D	45873	2020.10.12	2022.10.11
Horn Antenna	SCHWARZBECK	BBHA 9120D	9120D-1343	2020.10.12	2022.10.11
SHF-EHF Horn Antenna (18G-40GHz)	A-INFO	LB-180400-KF	J211020657	2020.10.12	2022.10.11
Pre-Amplifier (0.1M-3GHz)	EM	EM330	060665	2020.10.12	2021.10.11
Pre-Amplifier (1G-18GHz)	SKET	LNPA-01018G-45	SK2018080901	2020.10.12	2021.10.11
Pre-Amplifier (18G-40GHz)	SKET	LNPA-1840-50	SK2018101801	2020.10.10	2021.10.09
Turn table	EM	SC100_1	60531	N/A	N/A
Antenna mast	EM	SC100	N/A	N/A	N/A
Temperature & Humidity	HH660	Mieo	N/A	2020.10.13	2021.10.12
Test SW	BALUN	BL410-E/18.905			

RF Connected Test

Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until
Universal Radio communication tester	R&S	CMU200	119907	2020.10.12	2021.10.11
Wireless Communications Test Set	R&S	CMW 500	133884	2021.03.04	2022.03.03
Signal Analyzer	Agilent	N9020A	MY52440124	2021.03.04	2022.03.03
Temperature & Humidity test chamber	Safety test	AG80L	171200018	2021.03.04	2022.03.03
Programmable power supply	Agilent	E3642A	MY40002025	2020.10.12	2021.10.11
Temperature & Humidity	SW-108	SuWei	N/A	2021.03.04	2022.03.03
Test SW	FARAD	LZ-RF /LzRf-3A3			

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



5 TEST ITEMS

5.1 TRANSMITTER RADIATED POWER (EIRP/ERP)

TEST OVERVIEW

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:

$$(1) \text{ ERP or EIRP} = P_{\text{Meas}} + GT$$
$$\text{ERP} = \text{EIRP} - 2.15$$

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) $\text{ERP} = \text{EIRP} - 2.15$, where ERP and EIRP are expressed in consistent units.
- b) $\text{EIRP} = \text{ERP} + 2.15$, where ERP and EIRP are expressed in consistent units.



TEST RESULT

Radiated Power (EIRP) for WCDMA Band 2							
Mode	Frequency (MHz)	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP(dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Conclusion
WCDMA	1852.4	23.71	3.79	27.50	2.00	33.00	PASS
	1880	23.63	3.79	27.42	2.00	33.00	PASS
	1907.4	23.8	3.79	27.59	2.00	33.00	PASS

Radiated Power (ERP) for WCDMA Band 5							
Mode	Frequency (MHz)	Conduction AVG Power(dBm)	Ant Gain (dBi)	ERP(dBm)	ERP Limit(W)	ERP Limit(dBm)	Conclusion
WCDMA	826.4	23.21	-1.51	19.55	7.00	38.40	PASS
	836.6	23.78	-1.51	20.12	7.00	38.40	PASS
	846.4	23.79	-1.51	20.13	7.00	38.40	PASS

Radiated Power (EIRP) for WCDMA Band 4							
Mode	Frequency (MHz)	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP(dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Conclusion
WCDMA	1712.4	23.52	4.13	27.65	1.00	30.00	PASS
	1740	23.76	4.13	27.89	1.00	30.00	PASS
	1752.6	23.71	4.13	27.84	1.00	30.00	PASS



5.2 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 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.

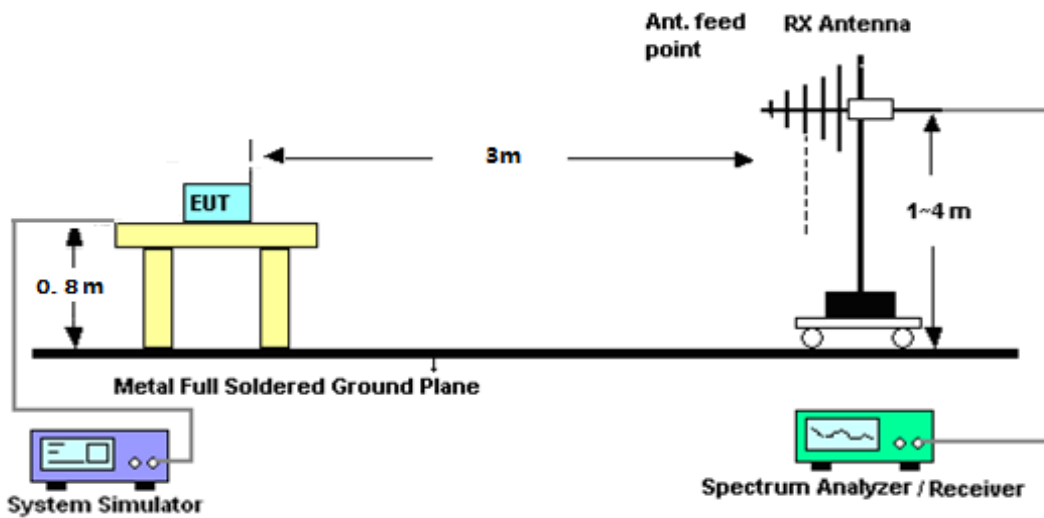
It is measured by means of a calibrated spectrum analyzer and scanned from 30 MHz up to a frequency including its 10th harmonic.

TEST PROCEDURE

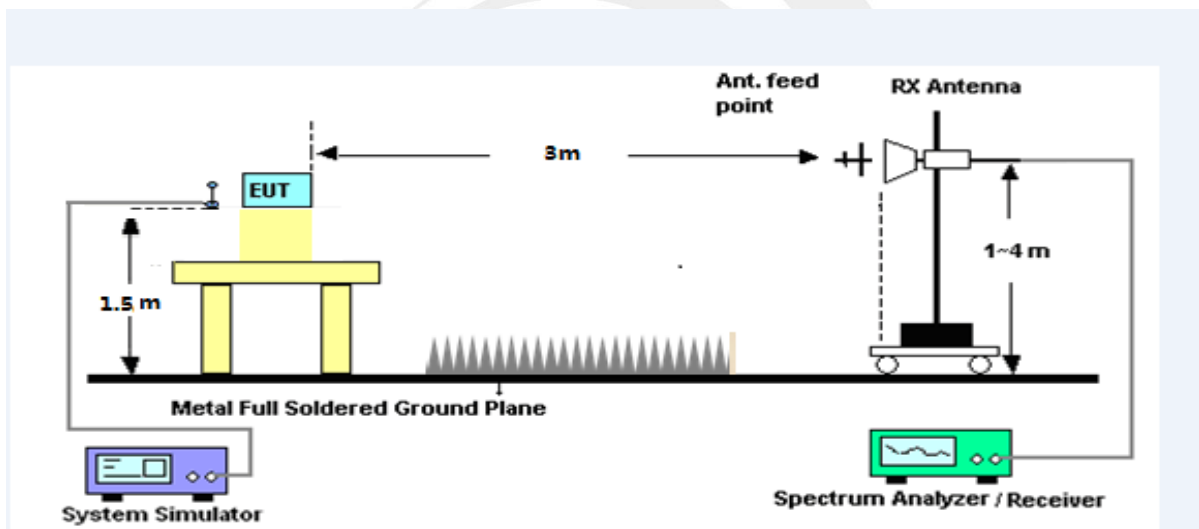
1. The testing FCC KDB 971168 D01 Section 5.8 and ANSI C63.26-2015-Section 5.5.
2. RBW = 100kHz for emissions below 1GHz and 1MHz for emissions above 1GHz
3. VBW $\geq 3 \times$ RBW
4. Span = 1.5 times the OBW
5. No. of sweep points $> 2 \times$ span/RBW
6. Detector = Peak
7. Trace mode = max hold
8. The trace was allowed to stabilize
9. Effective Isotropic Spurious Radiation was measured by substitution method according to TIA/EIA-603-E. 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.
 $P_{Mea} = S.G \text{ Level} + \text{Ant-Cable loss}$; $\text{Margin} = P_{Mea} - \text{Limit}$.

TEST SETUP

For radiated test from 30MHz to 1GHz



For radiated test from above 1GHz



**TEST RESULT**

- Note: 1. The EUT is connected with the base station when the WIFI is transmitting.
2. Scan with all of the test model, only report the worst case.

WCDMA Band 2: (30-20000)MHz							
The Worst Test Results for Channel 9262/1852.4MHz							
Frequency(MHz)	S	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
	G.Lev (dBm)			(dBm)	(dBm)	(dBm)	
3704.12	-33.51	12.60	12.93	-33.84	-13.00	-20.84	H
5557.22	-34.23	13.10	17.11	-38.24	-13.00	-25.24	H
7409.86	-32.27	11.50	22.20	-42.97	-13.00	-29.97	H
3704.38	-34.97	12.60	12.93	-35.30	-13.00	-22.30	V
5557.44	-35.01	13.10	17.11	-39.02	-13.00	-26.02	V
7409.56	-32.02	11.50	22.20	-42.72	-13.00	-29.72	V
The Worst Test Results for Channel 9400/1880MHz							
Frequency(MHz)	S	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
	G.Lev (dBm)			(dBm)	(dBm)	(dBm)	
3760.01	-33.72	12.60	12.93	-34.05	-13.00	-21.05	H
5639.87	-35.21	13.10	17.11	-39.22	-13.00	-26.22	H
7519.90	-32.63	11.50	22.20	-43.33	-13.00	-30.33	H
3760.28	-35.87	12.60	12.93	-36.20	-13.00	-23.20	V
5640.31	-34.21	13.10	17.11	-38.22	-13.00	-25.22	V
7520.30	-32.83	11.50	22.20	-43.53	-13.00	-30.53	V
The Worst Test Results for Channel 9538/1907.6MHz							
Frequency(MHz)	S	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
	G.Lev (dBm)			(dBm)	(dBm)	(dBm)	
3815.59	-34.85	12.60	12.93	-35.18	-13.00	-22.18	H
5722.26	-34.13	13.10	17.11	-38.14	-13.00	-25.14	H
7629.93	-32.98	11.50	22.20	-43.68	-13.00	-30.68	H
3815.51	-36.02	12.60	12.93	-36.35	-13.00	-23.35	V
5722.40	-35.12	13.10	17.11	-39.13	-13.00	-26.13	V
7630.07	-32.18	11.50	22.20	-42.88	-13.00	-29.88	V



WCDMA Band 5: (30-9000)MHz							
The worst testresults channel 4132/826.4MHz							
Frequency(MHz)	S	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
	G.Lev (dBm)			(dBm)	(dBm)	(dBm)	
1652.03	-40.40	9.40	4.75	-35.75	-13.00	-22.75	H
2479.48	-39.88	10.60	8.39	-37.67	-13.00	-24.67	H
3305.82	-31.30	12.00	11.79	-31.09	-13.00	-18.09	H
1652.26	-44.00	9.40	4.75	-39.35	-13.00	-26.35	V
2479.64	-44.02	10.60	8.39	-41.81	-13.00	-28.81	V
3305.87	-43.24	12.00	11.79	-43.03	-13.00	-30.03	V
The Worst Test Results Channel 4183/836.6MHz							
Frequency(MHz)	S	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
	G.Lev (dBm)			(dBm)	(dBm)	(dBm)	
1672.99	-41.10	9.40	4.75	-36.45	-13.00	-23.45	H
2509.78	-40.01	10.60	8.39	-37.80	-13.00	-24.80	H
3346.21	-32.29	12.00	11.79	-32.08	-13.00	-19.08	H
1673.03	-43.65	9.40	4.75	-39.00	-13.00	-26.00	V
2509.50	-44.94	10.60	8.39	-42.73	-13.00	-29.73	V
3346.26	-43.25	12.00	11.79	-43.04	-13.00	-30.04	V
The Worst Test Results Channel 4233/846.6MHz							
Frequency(MHz)	S	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
	G.Lev (dBm)			(dBm)	(dBm)	(dBm)	
1693.39	-40.60	9.40	4.75	-35.95	-13.00	-22.95	H
2539.53	-39.99	10.60	8.39	-37.78	-13.00	-24.78	H
3386.17	-31.90	12.00	11.79	-31.69	-13.00	-18.69	H
1693.57	-43.79	9.40	4.75	-39.14	-13.00	-26.14	V
2539.38	-44.50	10.60	8.39	-42.29	-13.00	-29.29	V
3385.92	-43.22	12.00	11.79	-43.01	-13.00	-30.01	V



WCDMA Band 4: (30-20000)MHz							
The Worst Test Results for Channel 1313/1712.6MHz							
Frequency(MHz)	S	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
	G.Lev (dBm)			(dBm)	(dBm)	(dBm)	
3424.83	-33.85	12.90	12.05	-33.00	-13.00	-20.00	H
5137.50	-35.14	12.80	16.27	-38.61	-13.00	-25.61	H
6850.33	-33.07	12.30	20.13	-40.90	-13.00	-27.90	H
3425.04	-35.75	12.90	12.05	-34.90	-13.00	-21.90	V
5137.77	-34.17	12.80	16.27	-37.64	-13.00	-24.64	V
6850.12	-32.24	12.30	20.13	-40.07	-13.00	-27.07	V
The Worst Test Results for Channel 1450/1740.0MHz							
Frequency(MHz)	S	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
	G.Lev (dBm)			(dBm)	(dBm)	(dBm)	
3479.57	-34.82	12.90	12.05	-33.97	-13.00	-20.97	H
5219.98	-35.03	12.80	16.27	-38.50	-13.00	-25.50	H
6959.82	-32.34	12.30	20.13	-40.17	-13.00	-27.17	H
3479.53	-35.76	12.90	12.05	-34.91	-13.00	-21.91	V
5219.84	-34.41	12.80	16.27	-37.88	-13.00	-24.88	V
6959.77	-32.82	12.30	20.13	-40.65	-13.00	-27.65	V
The Worst Test Results for Channel 1512/1752.4MHz							
Frequency(MHz)	S	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
	G.Lev (dBm)			(dBm)	(dBm)	(dBm)	
3504.71	-34.73	12.90	12.05	-33.88	-13.00	-20.88	H
5257.13	-34.36	12.80	16.27	-37.83	-13.00	-24.83	H
7009.55	-33.57	12.30	20.13	-41.40	-13.00	-28.40	H
3504.64	-34.88	12.90	12.05	-34.03	-13.00	-21.03	V
5256.92	-35.21	12.80	16.27	-38.68	-13.00	-25.68	V
7009.19	-32.75	12.30	20.13	-40.58	-13.00	-27.58	V



WCDMA Band 2: (30-20000)MHz							
WCDMA Band 2_Lowest / WLAN 2_2.4G wifi_b_Middle							
Frequency(MHz)	S	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
	G.Lev (dBm)			(dBm)	(dBm)	(dBm)	
3704.37	-34.82	12.60	12.93	-35.15	-13.00	-22.15	H
5557.23	-34.29	13.10	17.11	-38.30	-13.00	-25.30	H
7409.58	-33.26	11.50	22.20	-43.96	-13.00	-30.96	H
3704.46	-34.73	12.60	12.93	-35.06	-13.00	-22.06	V
5557.42	-34.70	13.10	17.11	-38.71	-13.00	-25.71	V
7409.49	-32.27	11.50	22.20	-42.97	-13.00	-29.97	V
WCDMA Band 2_Middle / WLAN 2_2.4G wifi_b_Middle							
Frequency(MHz)	S	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
	G.Lev (dBm)			(dBm)	(dBm)	(dBm)	
3760.03	-33.90	12.60	12.93	-34.23	-13.00	-21.23	H
5639.84	-34.86	13.10	17.11	-38.87	-13.00	-25.87	H
7520.13	-32.70	11.50	22.20	-43.40	-13.00	-30.40	H
3759.99	-35.08	12.60	12.93	-35.41	-13.00	-22.41	V
5640.19	-35.17	13.10	17.11	-39.18	-13.00	-26.18	V
7520.11	-31.85	11.50	22.20	-42.55	-13.00	-29.55	V
WCDMA Band 2_Highest / WLAN 2_2.4G wifi_b_Middle							
Frequency(MHz)	S	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
	G.Lev (dBm)			(dBm)	(dBm)	(dBm)	
3815.40	-33.98	12.60	12.93	-34.31	-13.00	-21.31	H
5722.17	-34.21	13.10	17.11	-38.22	-13.00	-25.22	H
7630.10	-33.07	11.50	22.20	-43.77	-13.00	-30.77	H
3815.64	-35.34	12.60	12.93	-35.67	-13.00	-22.67	V
5722.47	-34.98	13.10	17.11	-38.99	-13.00	-25.99	V
7630.21	-32.07	11.50	22.20	-42.77	-13.00	-29.77	V



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*****

