FCC RF Test Report

APPLICANT	:	**Pod Trackers Pty Ltd.**
EQUIPMENT	:	**Pod 3 GPS Tracker**
BRAND NAME	:	**Pod Trackers**
MODEL NAME	:	**POD-003**
MARKETING NAME	:	**Pod 3 GPS Tracker**
FCC ID	:	**2AD83POD-3-1**
STANDARD	:	**FCC 47 CFR Part 2, 22(H), 24(E)**
CLASSIFICATION	:	**PCS Licensed Transmitter (PCB)**

The product was received on Aug. 20, 2018 and completely tested on Nov. 16, 2018. We, Sporton International (Shenzhen) Inc., would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.26-2015 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International (Shenzhen) Inc., the test report shall not be reproduced except in full.

Eric Shih

Approved by: Eric Shih / Manager

NVLAP TESTING
NVLAP LAB CODE 600156-0

Sporton International (Shenzhen) Inc.
1/F, 2/F, Bldg 5, Shiling Industrial Zone, Xinwei Village, Xili, Nanshan, Shenzhen City, Guangdong Province 518055, China

TABLE OF CONTENTS

REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FG882005	Rev. 01	Initial issue of report	Nov. 20, 2018

SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.4	§2.1046	Conducted Output Power	Reporting Only	PASS	-
	§22.913(a)(5)	Effective Radiated Power	< 7 Watts	PASS	-
	§24.232(c)	Equivalent Isotropic Radiated Power	< 2 Watts	PASS	-
3.5	§24.232(d)	Peak-to-Average Ratio	< 13 dB	PASS	1
3.6	§2.1049	Occupied Bandwidth	Reporting Only	PASS	1
3.7	§2.1051 §22.917(a) §24.238(a)	Band Edge Measurement	< 43+10log10(P[Watts])	PASS	1
3.8	§2.1051 §22.917(a) §24.238(a)	Conducted Emission	< 43+10log10(P[Watts])	PASS	1
3.9	§2.1055 §22.355	Frequency Stability for Temperature & Voltage	< 2.5 ppm for Part 22	PASS	1
	§2.1055 §24.235		Within Authorized Band		
4.4	§2.1053 §22.917(a) §24.238(a)	Field Strength of Spurious Radiation	< 43+10log10(P[Watts])	PASS	Under limit 3.15 dB at 1672.800 MHz

Remark 1: Test results were leveraged from module report.

1 General Description

1.1 Applicant

Pod Trackers Pty Ltd.
Lvl 9, 61 Lavender St Milsons Point NSW 2061 Australia

1.2 Manufacturer

Kaifa Technology Co., Ltd.
7006 Caitian Rd., Futian Distric, Shenzhen, China

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	Pod 3 GPS Tracker
Brand Name	Pod Trackers
Model Name	POD-003
Marketing Name	Pod 3 GPS Tracker
FCC ID	2AD83POD-3-1
EUT supports Radios application	GSM/EGPRS/WCDMA/HSPA/GNSS WLAN 11b/g/n HT20 Bluetooth LE
HW Version	V3.1.0.0
SW Version	V3.3.83
EUT Stage	Production Unit

Remark: The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

1.4 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx Frequency	**GSM/GPRS/EDGE:** 850: 824.2 MHz ~ 848.8 MHz 1900: 1850.2 MHz ~ 1909.8MHz **WCDMA:** Band V: 826.4 MHz ~ 846.6 MHz Band II: 1852.4 MHz ~ 1907.6 MHz
Rx Frequency	**GSM/GPRS/EDGE:** 850: 869.2 MHz ~ 893.8 MHz 1900: 1930.2 MHz ~ 1989.8 MHz **WCDMA:** Band V: 871.4 MHz ~ 891.6 MHz Band II: 1932.4 MHz ~ 1987.6 MHz
Maximum Output Power to Antenna	**GSM/GPRS/EDGE:** 850: 32.21 dBm 1900: 27.95 dBm **WCDMA:** Band V: 23.56 dBm Band II: 21.78 dBm
Antenna Type	PIFA Antenna
Antenna Gain	Cellular Band: 3.2 dBi PCS Band: 2.8 dBi
Type of Modulation	GSM: GMSK GPRS: GMSK EDGE: GMSK / 8PSK WCDMA: BPSK (Uplink) HSDPA: QPSK (Downlink) HSUPA: QPSK (Uplink)

1.5 Modification of EUT

No modifications are made to the EUT during all test items.

1.6 Maximum ERP/EIRP Power, Frequency Tolerance, and Emission Designator

FCC Rule	System	Type of Modulation	Maximum ERP/EIRP (W)
Part 22	GSM850 GPRS class 8	GMSK	2.1184
Part 22	GSM850 EDGE class 8	8PSK	0.5623
Part 22	WCDMA Band V RMC 12.2Kbps	BPSK	0.2891
Part 24	GSM1900 GPRS class 8	GMSK	1.1885
Part 24	GSM1900 EDGE class 8	8PSK	0.5224
Part 24	WCDMA Band II RMC 12.2Kbps	BPSK	0.2871

1.7 Testing Location

Sporton Lab is accredited to ISO 17025 by National Voluntary Laboratory Accreditation Program (NVLAP code: 600156-0).

Test Site	Sporton International (Shenzhen) Inc.		
Test Site Location	1/F, 2/F, Bldg 5, Shiling Industrial Zone, Xinwei Village, Xili, Nanshan, Shenzhen City, Guangdong Province 518055, China TEL: +86-755-8637-9589 FAX: +86-755-8637-9595		
Test Site No.	**Sporton Site No.**	**FCC designation No.**	**FCC Test Firm Registration No.**
	TH01-SZ	CN5018	337463

Test Site	Sporton International (Shenzhen) Inc.		
Test Site Location	No. 3 Bldg the third floor of south, Shahe River west, Fengzeyuan Warehouse, Nanshan District, Shenzhen City, Guangdong Province 518055, China TEL: +86-755- 3320-2398		
Test Site No.	**Sporton Site No.**	**FCC designation No.**	**FCC Test Firm Registration No.**
	03CH04-SZ	CN5019	577730

1.8 Applicable Standards

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

- 47 CFR Part 2, 22(H), 24(E)
- ANSI C63.26-2015
- FCC KDB 971168 D01 Power Meas. License Digital Systems v03r01
- FCC KDB 412172 D01 Determining ERP and EIRP v01r01

Remark:

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.

2 Test Configuration of Equipment Under Test

2.1 Test Mode

Antenna port conducted and radiated test items were performed according to KDB 971168 D01 Power Meas. License Digital Systems v03r01 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:

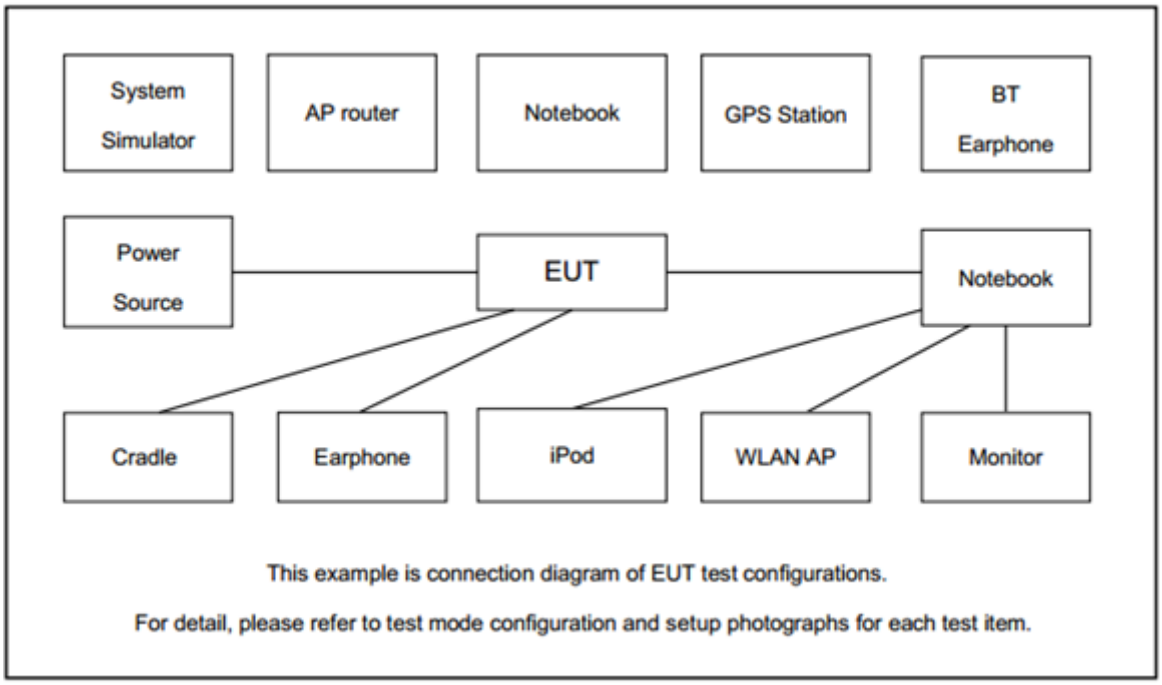
1. 30 MHz to 9000 MHz for GSM850 and WCDMA Band V.
2. 30 MHz to 19100 MHz for GSM1900 and WCDMA Band II.

All modes and data rates and positions were investigated.

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

Test Modes		
Band	**Radiated TCs**	**Conducted TCs**
GSM 850	■ GPRS class 8 Link ■ EDGE class 8 Link	■ GPRS class 8 Link ■ EDGE class 8 Link
GSM 1900	■ GPRS class 8 Link ■ EDGE class 8 Link	■ GPRS class 8 Link ■ EDGE class 8 Link
WCDMA Band V	■ RMC 12.2Kbps Link	■ RMC 12.2Kbps Link
WCDMA Band II	■ RMC 12.2Kbps Link	■ RMC 12.2Kbps Link

2.2 Connection Diagram of Test System



2.3 Support Unit used in test configuration

Item	Equipment	Trade Name	Model No.	FCC ID	Data Cable	Power Cord
1.	System Simulator	Anritsu	MT8820C	N/A	N/A	Unshielded, 1.8 m

2.4 Frequency List of Low/Middle/High Channels

Frequency List				
Band	**Channel/Frequency(MHz)**	**Lowest**	**Middle**	**Highest**
GSM850	Channel	128	189	251
	Frequency	824.2	836.4	848.8
WCDMA Band V	Channel	4132	4182	4233
	Frequency	826.4	836.4	846.6
GSM1900	Channel	512	661	810
	Frequency	1850.2	1880.0	1909.8
WCDMA Band II	Channel	9262	9400	9538
	Frequency	1852.4	1880.0	1907.6

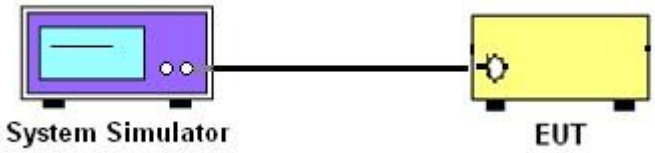
3 Conducted Test Result

3.1 Measuring Instruments

See list of measuring instruments of this test report.

3.2 Test Setup

3.2.1 Conducted Output Power



3.3 Test Result of Conducted Test

Please refer to Appendix A.

3.4 Conducted Output Power and ERP/EIRP

3.4.1 Description of the Conducted Output Power and ERP/EIRP

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.

The ERP of mobile transmitters must not exceed 7 Watts for GSM850 and WCDMA Band V.

The EIRP of mobile transmitters must not exceed 2 Watts for GSM1900 and WCDMA Band II.

According to KDB 412172 D01 Power Approach,

EIRP = $P_T + G_T – L_C$, ERP = EIRP -2.15, where

P_T = transmitter output power in dBm

G_T = gain of the transmitting antenna in dBi

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

3.4.2 Test Procedures

1. The testing follows ANSI C63.26 Section 5.2
2. The transmitter output port was connected to the system simulator.
3. Set EUT at maximum power through the system simulator.
4. Select lowest, middle, and highest channels for each band and different modulation.
5. Measure and record the power level from the system simulator.

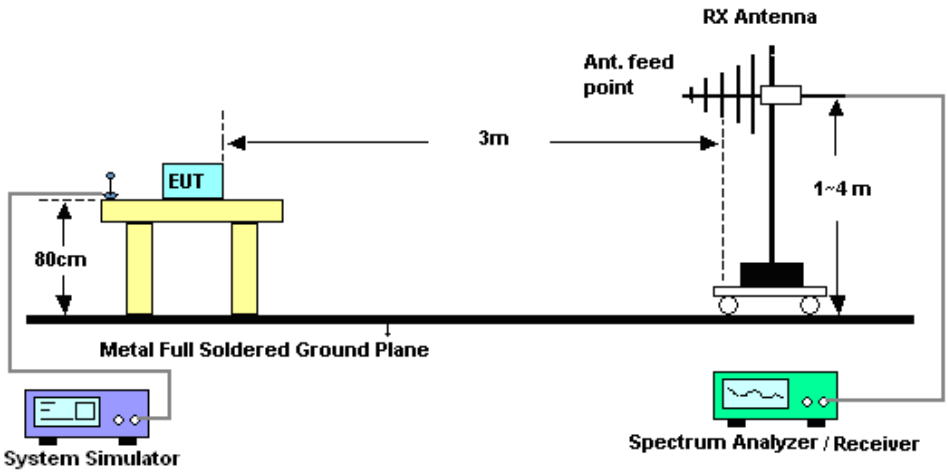
4 Radiated Test Items

4.1 Measuring Instruments

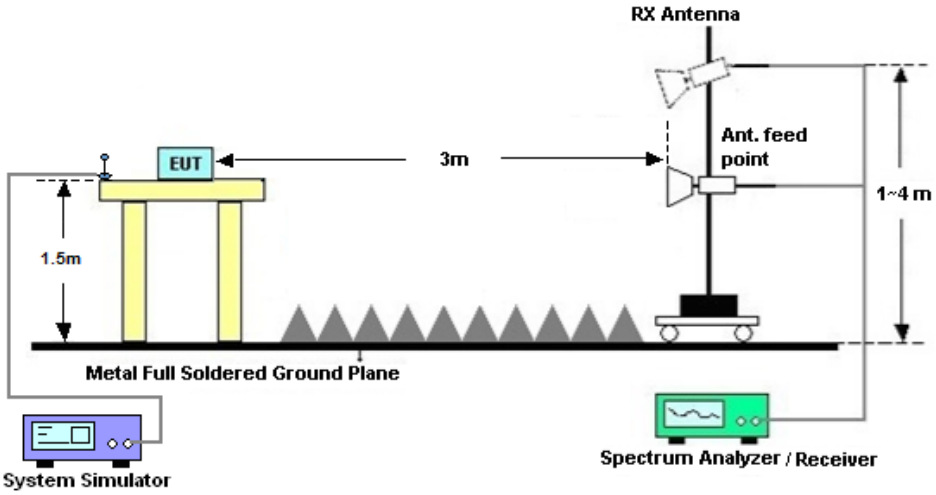
See list of measuring instruments of this test report.

4.2 Test Setup

4.2.1 For radiated test from 30MHz to 1GHz



4.2.2 For radiated test above 1GHz



4.3 Test Result of Radiated Test

Please refer to Appendix B.

4.4 Field Strength of Spurious Radiation Measurement

4.4.1 Description of Field Strength of Spurious Radiated Measurement

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least 43 + 10 log (P) dB. The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic.

4.4.2 Test Procedures

1. The testing follows ANSI C63.26 Section 5.5
2. The EUT was placed on a rotatable wooden table 0.8 meters for frequency below 1GHz and 1.5 meter for frequency above 1GHz above the ground.
3. The EUT was set 3 meters from the receiving antenna, which was mounted on the antenna tower.
4. The table was rotated 360 degrees to determine the position of the highest spurious emission.
5. The height of the receiving antenna is varied between one meter and four meters to search for the maximum spurious emission for both horizontal and vertical polarizations.
6. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking record of maximum spurious emission.
7. A horn antenna was substituted in place of the EUT and was driven by a signal generator.
8. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
9. Taking the record of output power at antenna port.
10. Repeat step 7 to step 8 for another polarization.
11. EIRP (dBm) = S.G. Power – Tx Cable Loss + Tx Antenna Gain
12. ERP (dBm) = EIRP - 2.15
13. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
14. The limit line is derived from 43 + 10log(P) dB below the transmitter power P(Watts)

5 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Radio communication analyzer	Anritsu	MT8820C	6201432828	2G/3G/4G	Dec. 28, 2017	Nov. 06, 2018~ Nov. 16, 2018	Dec. 27, 2019	Conducted (TH01-SZ)
EMI Test Receiver	R&S	ESR7	101404	9kHz~7GHz	Apr. 19, 2018	Sep. 22, 2018~ Sep. 23, 2018	Apr. 18, 2019	Radiation (03CH04-SZ)
EXA Spectrum Analyzer	KEYSIGHT	N9010A	MY55150213	10Hz~44GHz	Apr. 19, 2018	Sep. 22, 2018~ Sep. 23, 2018	Apr. 18, 2019	Radiation (03CH04-SZ)
Bilog Antenna	TeseQ	CBL6111D	41909	30MHz~1GHz	Aug. 28, 2018	Sep. 22, 2018~ Sep. 23, 2018	Aug. 27, 2019	Radiation (03CH04-SZ)
Double Ridge Horn Antenna	SCHWARZBECK	BBHA9120D	9120D-1285	1GHz~18GHz	Dec. 13, 2017	Sep. 22, 2018~ Sep. 23, 2018	Dec. 12, 2018	Radiation (03CH04-SZ)
Horn Antenna	SCHWARZBECK	BBHA9170	9170#679	15GHz~40GHz	Apr. 20, 2018	Sep. 22, 2018~ Sep. 23, 2018	Apr. 19, 2019	Radiation (03CH04-SZ)
Amplifier	Burgeon	BPA-530	102211	0.01Hz ~3000MHz	Oct. 19, 2017	Sep. 22, 2018~ Sep. 23, 2018	Oct. 18, 2018	Radiation (03CH04-SZ)
HF Amplifier	MITEQ	AMF-7D-00 101800-30-1	1989346	1GHz~18GHz	Jul. 30, 2018	Sep. 22, 2018~ Sep. 23, 2018	Jul. 29, 2019	Radiation (03CH04-SZ)
HF Amplifier	MITEQ	TTA1840-35 -HG	1988315	18GHz~40GHz	Jul. 26, 2018	Sep. 22, 2018~ Sep. 23, 2018	Jul. 25, 2019	Radiation (03CH04-SZ
Amplifier	Agilent Technologies	83017A	MY53270156	500MHz~26.5GHz	Apr. 19, 2018	Sep. 22, 2018~ Sep. 23, 2018	Apr. 18, 2019	Radiation (03CH04-SZ)
AC Power Source	Chroma	61601	N/A	N/A	NCR	Sep. 22, 2018~ Sep. 23, 2018	NCR	Radiation (03CH04-SZ)
Turn Table	EM	EM1000	N/A	0~360 degree	NCR	Sep. 22, 2018~ Sep. 23, 2018	NCR	Radiation (03CH04-SZ)
Antenna Mast	EM	EM1000	N/A	1 m~4 m	NCR	Sep. 22, 2018~ Sep. 23, 2018	NCR	Radiation (03CH04-SZ)

6 Uncertainty of Evaluation

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**2.8**

Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**3.1**

Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**3.9**

Appendix A. Test Results of Conducted Test

Conducted Output Power(Average power)

Conducted Power (*Unit: dBm)						
Band	GSM850			GSM1900		
Channel	128	189	251	512	661	810
Frequency	824.2	836.4	848.8	1850.2	1880.0	1909.8
GPRS class 8	32.02	32.10	32.21	27.79	27.95	27.85
GPRS class 10	32.02	32.09	32.19	27.65	27.92	27.75
GPRS class 11	31.22	31.28	31.36	27.17	27.24	27.14
GPRS class 12	30.06	30.15	30.24	26.27	26.25	26.32
EGPRS class 8	26.17	26.34	26.45	24.05	24.38	24.06
EGPRS class 10	26.22	26.31	26.42	24.02	24.32	24.01
EGPRS class 11	25.47	25.64	25.55	23.13	23.47	23.38
EGPRS class 12	24.28	24.49	24.46	22.13	22.32	22.14

Conducted Power (*Unit: dBm)						
Band	WCDMA Band V			WCDMA Band II		
Channel	4132	4182	4233	9262	9400	9538
Frequency	826.4	836.4	846.6	1852.4	1880	1907.6
RMC 12.2K	23.56	23.45	23.38	21.56	21.78	21.32
HSDPA Subtest-1	23.07	22.97	22.91	21.21	21.32	21.19
HSDPA Subtest-2	22.34	22.23	22.16	20.41	20.76	20.49
HSDPA Subtest-3	22.10	21.99	21.91	20.21	20.55	20.26
HSDPA Subtest-4	21.84	21.73	21.67	19.95	20.31	20.01
HSUPA Subtest-1	22.51	22.39	22.28	20.85	20.98	20.76
HSUPA Subtest-2	22.98	22.89	22.79	21.21	21.33	21.20
HSUPA Subtest-3	21.95	21.87	21.79	20.68	20.82	20.56
HSUPA Subtest-4	23.01	22.90	22.81	21.16	21.31	21.08
HSUPA Subtest-5	22.34	22.12	22.04	20.62	20.79	20.61

ERP/EIRP

GSM850 (G_T - L_C= 3.2 dB)			
Channel	128	189	251
	(Low)	(Mid)	(High)
Frequency (MHz)	824.2	836.4	848.8
Conducted Power (dBm)	32.02	32.10	32.21
Conducted Power (Watts)	1.5922	1.6218	1.6634
ERP(dBm)	33.07	33.15	33.26
ERP(Watts)	2.0277	2.0654	2.1184

EDGE850 (G_T - L_C= 3.2 dB)			
Channel	128	189	251
	(Low)	(Mid)	(High)
Frequency (MHz)	824.2	836.4	848.8
Conducted Power (dBm)	26.17	26.34	26.45
Conducted Power (Watts)	0.4140	0.4305	0.4416
ERP(dBm)	27.22	27.39	27.50
ERP(Watts)	0.5272	0.5483	0.5623

GSM1900 (G_T - L_C= 2.8 dB)			
Channel	512	661	810
	(Low)	(Mid)	(High)
Frequency (MHz)	1850.2	1880	1909.8
Conducted Power (dBm)	27.79	27.95	27.85
Conducted Power (Watts)	0.6012	0.6237	0.6095
EIRP(dBm)	30.59	30.75	30.65
EIRP(Watts)	1.1455	1.1885	1.1614

EDGE1900 (G_T - L_C= 2.8 dB)			
Channel	512	661	810
	(Low)	(Mid)	(High)
Frequency (MHz)	1850.2	1880	1909.8
Conducted Power (dBm)	24.05	24.38	24.06
Conducted Power (Watts)	0.2541	0.2742	0.2547
EIRP(dBm)	26.85	27.18	26.86
EIRP(Watts)	0.4842	0.5224	0.4853

WCDMA Band V (G_T - L_C = 3.2 dB)			
Channel	4132	4182	4233
	(Low)	(Mid)	(High)
Frequency (MHz)	826.4	836.4	846.6
Conducted Power (dBm)	23.56	23.45	23.38
Conducted Power (Watts)	0.2270	0.2213	0.2178
ERP(dBm)	24.61	24.50	24.43
ERP(Watts)	0.2891	0.2818	0.2773

WCDMA Band II (G_T - L_C = 2.8 dB)			
Channel	9262	9400	9538
	(Low)	(Mid)	(High)
Frequency (MHz)	1852.4	1880	1907.6
Conducted Power (dBm)	21.56	21.78	21.32
Conducted Power (Watts)	0.1432	0.1507	0.1355
EIRP(dBm)	24.36	24.58	24.12
EIRP(Watts)	0.2729	0.2871	0.2582

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

GSM850 (GPRS class 8)									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1672.8	-29.01	-13	-16.01	-38.98	-32.26	4.00	9.40	H
	2509.2	-33.00	-13	-20.00	-46.50	-36.57	4.88	10.60	H
	3345.6	-48.57	-13	-35.57	-64.18	-53.50	5.52	12.60	H
	4182	-56.51	-13	-43.51	-75.37	-60.98	6.00	12.62	H
	5018.4	-56.25	-13	-43.25	-77.55	-59.66	7.14	12.70	H
	1672.8	-16.15	-13	-3.15	-25.61	-19.40	4.00	9.40	V
	2509.2	-17.35	-13	-4.35	-30.68	-20.92	4.88	10.60	V
	3345.6	-35.81	-13	-22.81	-50.98	-40.74	5.52	12.60	V
	4182	-45.98	-13	-32.98	-63.84	-50.45	6.00	12.62	V
	5018.4	-49.01	-13	-36.01	-70.03	-52.42	7.14	12.70	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

GSM850 (EDGE class 8)									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1672.8	-32.26	-13	-19.26	-42.23	-35.51	4.00	9.40	H
	2509.2	-31.78	-13	-18.78	-45.28	-35.35	4.88	10.60	H
	3345.6	-50.58	-13	-37.58	-66.19	-55.51	5.52	12.60	H
	4182	-52.51	-13	-39.51	-71.37	-56.98	6.00	12.62	H
	5018.4	-57.02	-13	-44.02	-78.32	-60.43	7.14	12.70	H
	1672.8	-16.94	-13	-3.94	-26.40	-20.19	4.00	9.40	V
	2509.2	-17.63	-13	-4.63	-30.96	-21.20	4.88	10.60	V
	3345.6	-34.92	-13	-21.92	-50.09	-39.85	5.52	12.60	V
	4182	-45.82	-13	-32.82	-63.68	-50.29	6.00	12.62	V
	5018.4	-48.74	-13	-35.74	-69.76	-52.15	7.14	12.70	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

GSM1900 (GPRS class 8)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3760	-46.30	-13	-33.30	50.70	-53.05	5.85	12.60	H
	5640	-56.80	-13	-43.80	54.13	-62.60	7.30	13.10	H
	7520	-54.11	-13	-41.11	58.89	-57.26	8.35	11.50	H
	3760	-40.62	-13	-27.62	-57.8	-47.37	5.85	12.60	V
	5640	-58.08	-13	-45.08	-78.21	-63.88	7.30	13.10	V
	7520	-54.25	-13	-41.25	-78.86	-57.40	8.35	11.50	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

GSM1900 (EDGE class 8)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3760	-61.51	-13	-48.51	-79.46	-68.26	5.85	12.60	H
	5640	-59.22	-13	-46.22	-80.41	-65.02	7.30	13.10	H
	7520	-54.22	-13	-41.22	-79.41	-57.37	8.35	11.50	H
	3760	-62.19	-13	-49.19	-79.37	-68.94	5.85	12.60	V
	5640	-60.23	-13	-47.23	-80.36	-66.03	7.30	13.10	V
	7520	-54.87	-13	-41.87	-79.48	-58.02	8.35	11.50	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

WCDMA Band V (RMC 12.2Kbps)									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1672.8	-37.86	-13	-24.86	-47.83	-41.11	4.00	9.40	H
	2509.2	-53.50	-13	-40.50	-67.00	-57.07	4.88	10.60	H
	3345.6	-61.66	-13	-48.66	-77.27	-66.59	5.52	12.60	H
	1672.8	-29.01	-13	-16.01	-38.47	-32.26	4.00	9.40	V
	2509.2	-45.31	-13	-32.31	-58.64	-48.88	4.88	10.60	V
	3345.6	-58.11	-13	-45.11	-73.28	-63.04	5.52	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

WCDMA Band II (RMC 12.2Kbps)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3760	-59.63	-13	-46.63	-77.58	-66.38	5.85	12.60	H
	5640	-59.04	-13	-46.04	-80.23	-64.84	7.30	13.10	H
	7520	-53.94	-13	-40.94	-79.13	-57.09	8.35	11.50	H
	3760	-59.39	-13	-46.39	-76.57	-66.14	5.85	12.60	V
	5640	-59.87	-13	-46.87	-80	-65.67	7.30	13.10	V
	7520	-54.79	-13	-41.79	-79.4	-57.94	8.35	11.50	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.