Appendix C. Original Report

Please refer to Sporton report number FG170707 as below

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: T5M9000WBWV1 Page Number : C1 of C1
Report Issued Date : Oct. 26, 2011
Report Version : Rev. 01

Report No.: FG170707-03

Partial FCC RF Test Report

APPLICANT : DAP Technologies

EQUIPMENT : Rugged Mobile Tablet Computer

BRAND NAME : DAP

MODEL NAME : 9000WBWZV1

MARKETING NAME : M9010

FCC ID : T5M9000WBWZV1

STANDARD : FCC 47 CFR Part 2, 22(H), 24(E), 27(L)

CLASSIFICATION : PCS Licensed Transmitter (PCB)

Tx/Rx FREQUENCY RANGE : GSM850 : 824.2 ~ 848.8 MHz /

869.2 ~ 893.8 MHz

GSM1900: 1850.2 ~ 1909.8 MHz /

1930.2 ~ 1989.8 MHz

WCDMA Band V: 826.4 ~ 846.6 MHz /

871.4 ~ 891.6 MHz

WCDMA Band IV: 1712.4 MHz ~ 1752.6 MHz

2112.4 MHz ~ 2152.6 MHz

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WCDMA Band II: 1852.4 ~ 1907.6 MHz /

1932.4 ~ 1987.6 MHz

CDMA2000 BC0: 824.70 ~ 848.31 MHz/

869.70 ~ 893.31 MHz

CDMA2000 BC1: 1851.25 ~ 1908.75 MHz/

1931.25 ~ 1988.75 MHz

MAX. ERP/EIRP POWER : GSM850 (GPRS 10) : 0.22 W

GSM850 (EDGE 8): 0.08 W GSM1900 (GPRS 10): 0.69 W GSM1900 (EDGE 8): 0.39 W

WCDMA Band V (RMC 12.2Kbps): 0.03 W WCDMA Band IV (RMC 12.2Kbps): 0.26 W WCDMA Band II (RMC 12.2Kbps): 0.25 W

CDMA2000 BC0 : 0.04 W CDMA2000 BC1 : 0.26 W

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The product was integrated the WWAN Module (Brand Name: Sierra Wireless / Model Name: MC8355, FCC ID: N7NMC8355) during the test.

This is a partial report which is included the Radiation test item. The product was received on Jul. 07, 2011 and completely tested on Aug. 03, 2011. We, SPORTON INTERNATIONAL INC., would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI / TIA / EIA-603-C-2004 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 INC., the test report shall not be reproduced except in full.

Reviewed by:

Jones Tsai / Manager





Report No.: FG170707

SPORTON INTERNATIONAL INC.

No. 52, Hwa Ya 1st Rd., Hwa Ya Technology Park, Kwei-Shan Hsiang, Tao Yuan Hsien, Taiwan, R.O.C.

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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FG170707	Rev. 01	Initial issue of report	Oct. 24, 2011

SPORTON INTERNATIONAL INC.

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SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.1	§22.913(a)(2)	Effective Radiated Power	< 7 Watts	PASS	-
3.1	§24.232(c)	Equivalent Isotropic Radiated Power	< 2 Watts	PASS	1
3.1	§27.50(d)(2)	Equivalent Isotropic Radiated Power	< 1 Watts	PASS	-
3.2	§2.1053 §22.917(a) §24.238(a) §27.53(g)	Field Strength of Spurious Radiation	< 43+10log ₁₀ (P[Watts])	PASS	Under limit 12.86 dB at 1672 MHz

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1 General Description

1.1 Applicant

DAP Technologies

7450 South Priest DR Tempe, AZ, US

1.2 Manufacturer

Venture Corporation Limited

Blk5006, Ang Mo Kio Avenue 5, #03-07 TECHplace II, Singapore 569870

1.3 Feature of Equipment Under Test

Product Feature & Specification				
Equipment	Rugged Mobile Tablet Computer			
Brand Name	DAP			
Model Name	9000WBWZV1			
Marketing Name	M9010			
FCC ID	T5M9000WBWZV1			
	GSM850 : 824 MHz ~ 849 MHz			
	GSM1900 : 1850 MHz ~ 1910 MHz			
	WCDMA Band V : 824 MHz ~ 849 MHz			
Tx Frequency	WCDMA Band IV : 1710 MHz ~ 1755 MHz			
	WCDMA Band II: 1850 MHz ~ 1910 MHz			
	CDMA2000 BC0 : 824 MHz ~ 849 MHz			
	CDMA2000 BC1 : 1850 MHz ~1910 MHz			
	GSM850 : 869 MHz ~ 894 MHz			
	GSM1900 : 1930 MHz ~ 1990 MHz			
	WCDMA Band V : 869 MHz ~ 894 MHz			
Rx Frequency	WCDMA Band IV : 2110 MHz ~ 2155 MHz			
	WCDMA Band II: 1930 MHz ~ 1990 MHz			
	CDMA2000 BC0 : 869 MHz ~ 894 MHz			
	CDMA2000 BC1 : 1930 MHz ~ 1990 MHz			
	GSM850 : 31.21 dBm			
	GSM1900 : 29.00 dBm			
	WCDMA Band V : 23.71 dBm			
Maximum Output Power to Antenna	WCDMA Band IV : 23.58 dBm			
	WCDMA Band II : 23.35 dBm			
	CDMA2000 BC0 : 23.97 dBm			
	CDMA2000 BC1 : 23.98 dBm			
	GSM850 (GPRS 10): 0.22 W (23.45 dBm)			
	GSM850 (EDGE 8): 0.08 W (19.18 dBm)			
Maximum ERP/EIRP	GSM1900 (GPRS 10): 0.69 W (28.41 dBm)			
	GSM1900 (EDGE 8): 0.39 W (25.89 dBm)			
	WCDMA Band V (RMC 12.2Kbps) : 0.03 W (14.93 dBm)			

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	WCDMA Band IV (RMC 12.2Kbps) : 0.26 W (24.09 dBm)
	WCDMA Band II (RMC 12.2Kbps): 0.25 W (23.94 dBm)
	CDMA2000 BC0: 0.04 W (15.48 dBm)
	CDMA2000 BC1 : 0.26 W (24.08 dBm)
Antenna Type	Fixed Internal Antenna
HW Version	Merlion P3
SW Version	MER_00.00.10
	GSM / GPRS : GMSK
	EDGE: 8PSK
Type of Madulation	WCDMA: QPSK (Uplink)
Type of Modulation	HSDPA: QPSK (Uplink)
	HSUPA : QPSK (Uplink)
	CDMA2000 : QPSK
EUT Stage	Production Unit

Remark:

- 1. For other wireless features of this EUT, the test report will be issued separately.
- 2. This test report recorded only product characteristics and test results of PCS Licensed Transmitter (PCB).
- **3.** The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

SPORTON INTERNATIONAL INC.

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1.4 Testing Site

Test Site	est Site SPORTON INTERNATIONAL INC.				
	No. 52, Hwa Ya 1 st Rd., Hwa Ya Technology Park,				
Took Cita Lagation	Kwei-Shan Hsiang, Tao Yuan Hsien, Taiwan, R.O.C.				
Test Site Location	TEL: +886-3-327-3456				
	FAX: +886-3-328-4978				
Test Site No.	Sporton	Sporton Site No. FCC Registration			
Test Site NO.	TH02-HY	03CH05-HY	722060		

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1.5 Applied Standards

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

- Preliminary Guidance for Receiving Applications for Certification of 3G Device. May 9, 2006.
- 47 CFR Part 2, 22(H), 24(E), 27(L)
- ANSI / TIA / EIA-603-C-2004
- IC RSS-132 Issue 2
- IC RSS-133 Issue 5
- IC RSS-139 Issue 2

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 (DoC), recorded in a separate test report.

1.6 Ancillary Equipment List

Item	Equipment	Trade Name	Model No.	FCC ID	Data Cable	Power Cord
1.	System Simulator	R&S	CMU200	N/A	N/A	Unshielded, 1.8 m

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SPORTON LAB.

2 Test Configuration of Equipment Under Test

2.1 Test Mode

During all testing, EUT is in link mode with base station emulator at maximum power level. The spurious emission measurements were carried out in semi-anechoic chamber with 3-meter test range.

Frequency range investigated for radiated emission is as follows:

- 1. 30 MHz to 9000 MHz for GSM850, WCDMA Band V and CDMA2000 BC0
- 2. 30 MHz to 18000 MHz for WCDMA Band IV.
- 3. 30 MHz to 19000 MHz for GSM1900, WCDMA Band II and CDMA2000 BC1.

	Test Modes					
Band	Radiated TCs					
GSM 850	■ GPRS 10 Link					
GSW 650	■ EDGE 8 Link					
GSM 1900	■ GPRS 10 Link					
GSIVI 1900	■ EDGE 8 Link					
WCDMA Band V	■ RMC 12.2Kbps Link					
WCDMA Band IV	■ RMC 12.2Kbps Link					
WCDMA Band II	■ RMC 12.2Kbps Link					
CDMA2000 BC0	■ 1xEV-DO Rev. 0 Link Mode					
CDMA2000 BC1	■ 1xEV-DO Rev. 0 Link Mode					

Note:

- The maximum power levels are GPRS multi-slot class 10 mode for GMSK link, EDGE multi-slot class 8 mode for 8PSK link, RMC 12.2Kbps mode for WCDMA band V, RMC 12.2Kbps mode for WCDMA band IV, and RMC 12.2Kbps mode for WCDMA band II, 1xEV-DO Rev. 0 RTAP 153.6K mode for CDMA2000 BC0, 1xEV-DO Rev. 0 RTAP 153.6K mode for CDMA2000 BC1, only these modes were used for all tests.
- Because there are individual antennas for each WWAN, WLAN, and Bluetooth, the co-location test modes are not required.

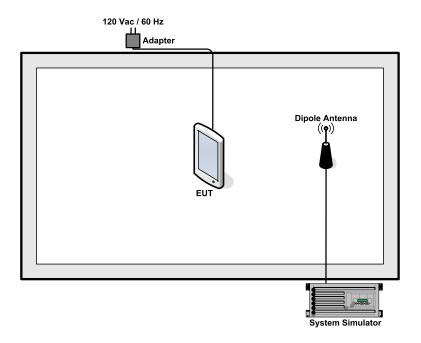
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2.2 Connection Diagram of Test System



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3 Test Result

3.1 Effective Radiated Power and Effective Isotropic Radiated Power Measurement

3.1.1 Description of the ERP/EIRP Measurement

ERP/EIRP is measured by substitution method according to ANSI / TIA / EIA-603-C-2004. The ERP of mobile transmitters must not exceed 7 Watts. The EIRP of mobile transmitters are limited to 2

Watts for 1850~1910 MHz and 1 watt for 1710~1755 MHz.

3.1.2 Measuring Instruments

See list of measuring instruments of this test report.

3.1.3 Test Procedures

1. The EUT was placed on an non-conductive rotating platform with 0.8 meter height in a

semi-anechoic chamber. The radiated emission at the fundamental frequency was measured

at 3 m with a test antenna and a spectrum analyzer with RBW= 3MHz, VBW= 3MHz, and peak

detector settings.

2. During the measurement, the EUT was enforced in maximum power and linked with a base

station. The highest emission was recorded from analyzer power level (LVL) from the 360

degrees rotation of the turntable and the test antenna raised and lowered over a range from 1

to 4 meters in both horizontally and vertically polarized orientations.

3. Effective Isotropic Radiated Power (EIRP) was measured by substitution method according to

TIA/EIA-603-C. The EUT was replaced by dipole antenna (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. The correction factor (in dB) = S.G. - Tx Cable loss + Substitution antenna gain -

Analyzer reading. Then the EUT's EIRP was calculated with the correction factor, EIRP= LVL +

Correction factor and ERP = EIRP -2.15.

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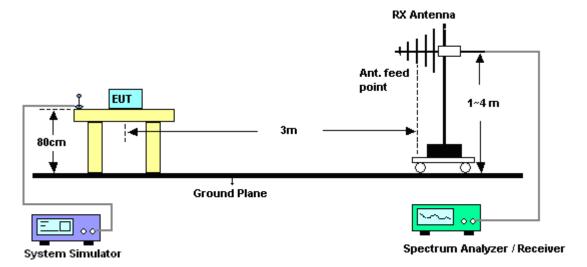
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3.1.4 Test Setup



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3.1.5 Test Result of ERP

GSM850 (GPRS 10) Radiated Power ERP						
		Horizontal Polarization				
Frequency	LVL	Correction Factor	ERP	ERP		
(MHz)	(dBm)	(dB)	(dBm)	(W)		
824.2	-5.93	30.8	22.72	0.19		
836.4	-5.61	31.21	23.45	0.22		
848.8	-6.01	31.53	23.37	0.22		
		Vertical Polarization				
Frequency	LVL	Correction Factor	ERP	ERP		
(MHz)	(dBm)	(dB)	(dBm)	(W)		
824.2	-10.27	32.84	20.42	0.11		
836.4	-9.22	32.85	21.48	0.14		
848.8	-9.06	34.11	22.90	0.19		

^{*} ERP = LVL (dBm) + Correction Factor (dB) – 2.15

GSM850 (EDGE 8) Radiated Power ERP						
		Horizontal Polarization				
Frequency	LVL	Correction Factor	ERP	ERP		
(MHz)	(dBm)	(dB)	(dBm)	(W)		
824.2	-10.48	30.8	18.17	0.07		
836.4	-10.24	31.21	18.82	0.08		
848.8	-10.20	31.53	19.18	0.08		
		Vertical Polarization				
Frequency	LVL	Correction Factor	ERP	ERP		
(MHz)	(dBm)	(dB)	(dBm)	(W)		
824.2	-14.78	32.84	15.91	0.04		
836.4	-13.83	32.85	16.87	0.05		
848.8	-13.41	34.11	18.55	0.07		

^{*} ERP = LVL (dBm) + Correction Factor (dB) – 2.15

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WCDMA Band V (RMC 12.2Kbps) Radiated Power ERP Horizontal Polarization Frequency LVL **Correction Factor ERP ERP** (dBm) (MHz) (dB) (dBm) (W) 826.4 -14.85 30.8 13.80 0.02 836.4 -14.89 31.21 14.17 0.03 846.6 -14.45 31.53 14.93 0.03 Vertical Polarization Frequency LVL **Correction Factor ERP ERP** (MHz) (dBm) (dBm) (W) (dB) 826.4 -18.99 32.84 11.70 0.01 836.4 -18.70 32.85 12.00 0.02 846.6 -17.92 34.11 14.04 0.03

^{*} ERP = LVL (dBm) + Correction Factor (dB) - 2.15

CDMA2000 BC0 Radiated Power ERP						
		Horizontal Polarization				
Frequency	LVL	Correction Factor	ERP	ERP		
(MHz)	(dBm)	(dB)	(dBm)	(W)		
824.70	-17.96	30.79	10.68	0.01		
836.52	-17.71	31.21	11.35	0.01		
848.31	-17.06	31.53	12.32	0.02		
		Vertical Polarization				
Frequency	LVL	Correction Factor	ERP	ERP		
(MHz)	(dBm)	(dB)	(dBm)	(W)		
824.70	-17.82	32.83	12.86	0.02		
836.52	-16.72	32.85	13.98	0.03		
848.31	-16.48	34.11	15.48	0.04		

^{*} ERP = LVL (dBm) + Correction Factor (dB) – 2.15

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3.1.6 Test Result of EIRP

GSM1900 (GPRS 10) Radiated Power EIRP						
		Horizontal Polarization				
Frequency	LVL	Correction Factor	EIRP	EIRP		
(MHz)	(dBm)	(dB)	(dBm)	(W)		
1850.2	-13.62	40.03	26.41	0.44		
1880.0	-13.07	39.62	26.55	0.45		
1909.8	-13.28	41.69	28.41	0.69		
		Vertical Polarization				
Frequency	LVL	Correction Factor	EIRP	EIRP		
(MHz)	(dBm)	(dB)	(dBm)	(W)		
1850.2	-23.21	44.51	21.30	0.13		
1880.0	-20.75	43.16	22.41	0.17		
1909.8	-20.45	43.98	23.53	0.23		

^{*} EIRP = LVL (dBm) + Correction Factor (dB)

GSM1900 (EDGE 8) Radiated Power EIRP									
	Horizontal Polarization								
Frequency	cy LVL Correction Factor EIRP EIRI								
(MHz)	(dBm)	(dB)	(dBm)	(W)					
1850.2	-15.76	40.03	24.27	0.27					
1880.0	-15.42	39.62	24.20	0.26					
1909.8	-15.80	41.69	25.89	0.39					
		Vertical Polarization							
Frequency	LVL	Correction Factor	EIRP	EIRP					
(MHz)	(dBm)	(dB)	(dBm)	(W)					
1850.2	-26.82	44.51	17.69	0.06					
1880.0	-24.42	43.16	18.74	0.07					
1909.8	-24.89	43.98	19.09	0.08					

^{*} EIRP = LVL (dBm) + Correction Factor (dB)

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WCDMA Band IV (RMC 12.2Kbps) Radiated Power EIRP Horizontal Polarization LVL Frequency **Correction Factor EIRP EIRP** (dBm) (MHz) (dB) (dBm) (W) 1712.4 -17.50 39.24 21.74 0.15 1732.6 -17.39 39.99 22.60 0.18 -16.18 40.27 24.09 0.26 1752.6 Vertical Polarization LVL Frequency **Correction Factor EIRP EIRP** (MHz) (dBm) (dB) (dBm) (W) 1712.4 -26.48 43.64 17.16 0.05 1732.6 -25.48 42.40 16.92 0.05 17.34 1752.6 -24.36 41.70 0.05

^{*} EIRP = LVL (dBm) + Correction Factor (dB)

WCDM	WCDMA Band II (RMC 12.2Kbps) Radiated Power EIRP								
	Horizontal Polarization								
Frequency	LVL	LVL Correction Factor EIRP							
(MHz)	(dBm)	(dB)	(dBm)	(W)					
1852.4	-17.66	40.03	22.37	0.17					
1880.0	-17.43	39.62	22.19	0.17					
1907.6	-17.75	41.69	23.94	0.25					
		Vertical Polarization							
Frequency	LVL	Correction Factor	EIRP	EIRP					
(MHz)	(dBm)	(dB)	(dBm)	(W)					
1852.4	-27.60	44.51	16.91	0.05					
1880.0	-27.41	43.16	15.75	0.04					
1907.6	-27.84	43.98	16.14	0.04					

^{*} EIRP = LVL (dBm) + Correction Factor (dB)

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	CDMA2000 BC1 Radiated Power EIRP									
Horizontal Polarization										
Frequency LVL Correction Factor EIRP EIRP										
(MHz)	(dBm)	(dB)	(dBm)	(W)						
1851.25	-16.85	40.03	23.18	0.21						
1880.00	-17.79	39.62	21.83	0.15						
1908.75	-17.61	41.69	24.08	0.26						
		Vertical Polarization								
Frequency	LVL	Correction Factor	EIRP	EIRP						
(MHz)	(dBm)	(dB)	(dBm)	(W)						
1851.25	-25.84	44.51	18.67	0.07						
1880.00	-24.52	43.16	18.64	0.07						
1908.75	3.75 -23.54 43.98		20.44	0.11						

^{*} EIRP = LVL (dBm) + Correction Factor (dB)

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3.2 Field Strength of Spurious Radiation Measurement

3.2.1 Description of Field Strength of Spurious Radiated Measurement

The radiated spurious emission was measured by substitution method according to ANSI / TIA / EIA-603-C-2004. 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.

3.2.2 Measuring Instruments

See list of measuring instruments of this test report.

3.2.3 Test Procedures

- 1. The EUT was placed on a rotatable wooden table with 0.8 meter about ground.
- 2. The EUT was set 3 meters from the receiving antenna, which was mounted on the antenna tower
- 3. The table was rotated 360 degrees to determine the position of the highest spurious emission.
- 4. The height of the receiving antenna is varied between one meter and four meters to search the maximum spurious emission for both horizontal and vertical polarizations.
- 5. Taking the record of maximum spurious emission.
- 6. A horn antenna was substituted in place of the EUT and was driven by a signal generator.
- 7. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
- 8. Taking the record of output power at antenna port.
- 9. Repeat step 7 to step 8 for another polarization.
- 10. EIRP (dBm) = S.G. Power Tx Cable Loss + Tx Antenna Gain
- 11. ERP (dBm) = EIRP 2.15

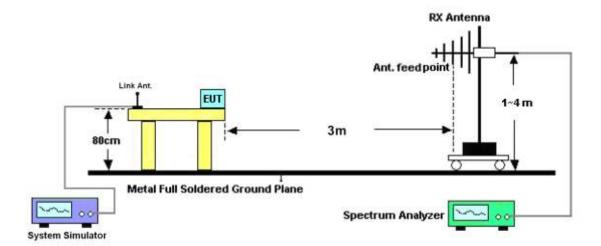
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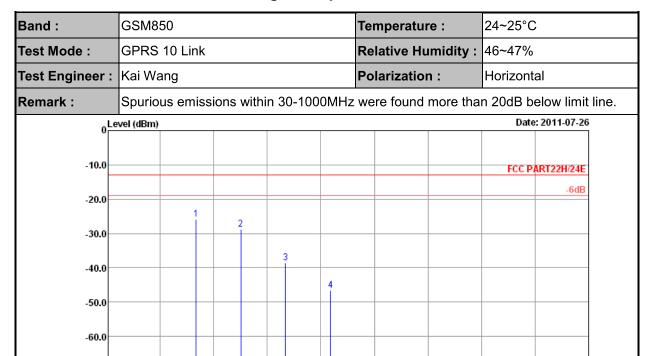
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3.2.4 Test Setup



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3.2.5 Test Result of Field Strength of Spurious Radiated



Site : 03CH05-HY

1000.

Condition : FCC PART22H/24E HF_EIRP_101221 HORIZONTAL

3000.

2000.

Project : FG 170707

-70.0

-80<mark>∐</mark>

Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
			Limit	Reading	Power	loss	Gain		
(MHz)	(dBm)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
1672	-25.86	-13	-12.86	-31.76	-27.05	2.15	5.49	Н	Pass
2509	-28.79	-13	-15.79	-37.98	-30.68	2.38	6.41	Н	Pass
3345	-38.49	-13	-25.49	-49.84	-41.82	2.86	8.34	Н	Pass
4182	-46.49	-13	-33.49	-61.53	-50.43	3.26	9.35	Н	Pass

4000.

5000.

Frequency (MHz)

6000.

7000.

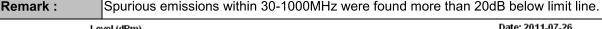
8000.

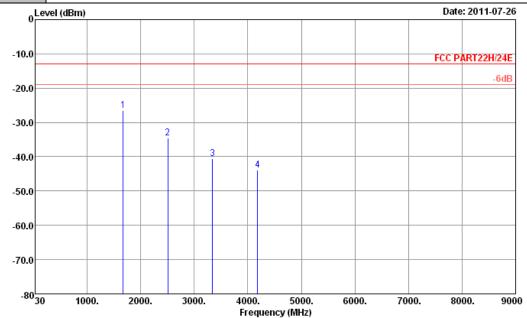
9000

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: T5M9000WBWZV1 Page Number : 20 of 39
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Band :	GSM850	Temperature :	24~25°C			
Test Mode :	GPRS 10 Link	Relative Humidity :	46~47%			
Test Engineer :	Kai Wang	Polarization :	Vertical			
Domork .	Courieus emissians within 20 1000MLT were found more than 20dD helow limit line					





Site : 03CH05-HY

Condition : FCC PART22H/24E HF_EIRP_101221 VERTICAL

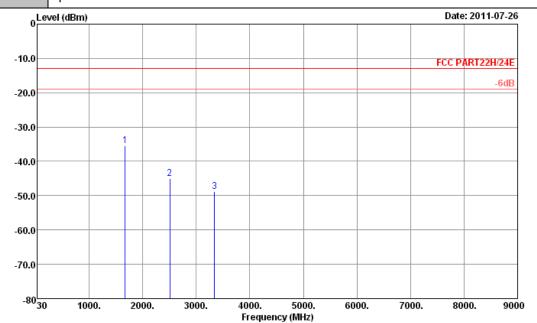
Project : FG 170707

Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
			Limit	Reading	Power	loss	Gain		
(MHz)	(dBm)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
1672	-26.42	-13	-13.42	-32.11	-27.61	2.15	5.49	V	Pass
2509	-34.53	-13	-21.53	-43.55	-36.42	2.38	6.41	V	Pass
3345	-40.62	-13	-27.62	-52.02	-43.95	2.86	8.34	V	Pass
4182	-43.92	-13	-30.92	-59.09	-47.86	3.26	9.35	V	Pass

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: T5M9000WBWZV1 Page Number : 21 of 39
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-							
Band :	GSM850	Temperature :	24~25°C				
Test Mode :	EDGE 8 Link	Relative Humidity :	46~47%				
Test Engineer :	Kai Wang	Polarization :	Horizontal				
Remark :	Spurious emissions within 30-1000MHz were found more than 20dB below limit line.						



Site : 03CH05-HY

Condition : FCC PART22H/24E HF_EIRP_101221 HORIZONTAL

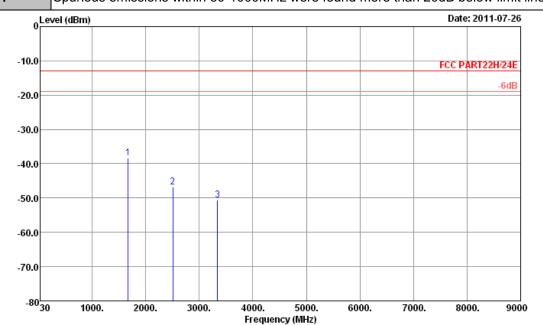
Project : FG 170707

Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable		Polarization	Result
			Limit	Reading	Power	loss	Gain		
(MHz)	(dBm)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
1672	-35.45	-13	-22.45	-41.28	-36.64	2.15	5.49	Н	Pass
2509	-45.00	-13	-32.00	-54.2	-46.89	2.38	6.41	Н	Pass
3345	-48.78	-13	-35.78	-60.2	-52.11	2.86	8.34	Н	Pass

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: T5M9000WBWZV1 Page Number : 22 of 39
Report Issued Date : Oct. 24, 2011
Report Version : Rev. 01



Band :	GSM850	Temperature :	24~25°C				
Test Mode :	EDGE 8 Link	Relative Humidity :	46~47%				
Test Engineer :	Kai Wang	Polarization :	Vertical				
Remark :	spurious emissions within 30-1000MHz were found more than 20dB below limit line.						



Site : 03CH05-HY

Condition : FCC PART22H/24E HF_EIRP_101221 VERTICAL

Project : FG 170707

Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
			Limit	Reading	Power	loss	Gain		
(MHz)	(dBm)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
1672	-38.26	-13	-25.26	-44.06	-39.45	2.15	5.49	V	Pass
2509	-46.90	-13	-33.90	-56.07	-48.79	2.38	6.41	V	Pass
3345	-50.62	-13	-37.62	-61.8	-53.95	2.86	8.34	V	Pass

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: T5M9000WBWZV1 Page Number : 23 of 39
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Band :	GSM1900	Temperature :	24~25°C		
Test Mode :	GPRS 10 Link	Relative Humidity :	46~47%		
Test Engineer :	Kai Wang	Polarization :	Horizontal		
Remark :	Spurious emissions within 30-1	000MHz were found more than	n 20dB below limit line.		
0 Le	vel (dBm)		Date: 2011-07-27		
-10.0			FCC PART22H/24E		
-20.0			-6dB		
-30.0					
-40.0	1 1				
-50.0					

: 03CH05-HY Site

3000.

: FCC PART22H/24E HF_EIRP_101221 HORIZONTAL : FG 170707 Condition

5000.

7000.

Project

-60.0

-70.0

-80_{30 1000.}

Frequency	EIRP	Limit	Over Limit	SPA Reading	S.G. Power	TX Cable loss	TX Antenna Gain	Polarization	Result
(MHz)	(dBm)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
3760	-43.00	-13	-30.00	-56.34	-49.13	2.93	9.06	Н	Pass
5636	-38.47	-13	-25.47	-57.15	-45.39	3.91	10.83	Н	Pass

11000.

Frequency (MHz)

13000.

15000.

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: T5M9000WBWZV1 Page Number : 24 of 39 Report Issued Date: Oct. 24, 2011 Report Version : Rev. 01

17000.

19000



Band :	GSM1900				Temperature :	24~25°C
Test Mode :	GPRS 10 L	ink			Relative Humidity :	46~47%
Test Engineer :	Kai Wang				Polarization :	Vertical
Remark :	Spurious er	nissions v	within 30-10	000MHz	were found more than	n 20dB below limit line.
0 Le	evel (dBm)					Date: 2011-07-27
-10.0						FCC PART22H/24E
-20.0						-6dB
-30.0						
-40.0		1	2			
-50.0						
-60.0						
-70.0						
-80 <mark>3</mark> (0 1000. 3000). 5000	. 7000.	9000. Frequency		0000. 17000. 19000
Site Conditio Project		ART22H/24I	E HF_EIRP_10	1221 VER	TICAL	
Frequency Elf	RP Limit	Over	SPA	S.G.		enna Polarization Result
(MHz) (dB	Bm)(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)		

-50.82

-46.63

2.93

3.91

9.06

10.83

٧

٧

Pass

Pass

-57.94

-58.34

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: T5M9000WBWZV1

3760

5636

-44.69

-39.71

-13

-13

-31.69

-26.71

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Band :	GSM1900				Temperat	ure :	24~25°C	;
Test Mode :	EDGE 8 Li	nk			Relative I	Humidity:	46~47%	
Test Engineer :	Kai Wang				Polarization : Horizontal			al
Remark :	Spurious e	missions	within 30-	1000MHz	were foun	d more tha	n 20dB b	elow limit line.
o_Le	vel (dBm)						Date	: 2011-07-27
-10.0							FCC PA	ART22H/24E
-20.0								-6dB
-30.0								
-40.0			2					
-50.0		1						
-60.0								
-70.0								
-80 ₃₀	1000. 300	00. 500	0. 7000.	9000. Frequence	11000. / (MHz)	13000. 1	5000. 17	000. 19000
Site Conditio Project			4E HF_EIRP_					
Frequency EIF	RP Limit	Over Limit	SPA Reading	S.G. Power	TX Cal			larization Res

(dBm)

-54.96

-48.72

(dB)

2.93

3.91

(dBi)

9.06

10.83

(dBm)

-62.12

-60.47

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: T5M9000WBWZV1

(MHz)

3760

5636

(dBm) (dBm) (dB)

-13

-13

-35.83

-28.80

-48.83

-41.80

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(H/V)

Н

Н

Pass

Pass



Band :	GSM1900				Temperatu	re:	24~25°C	
Test Mode :	EDGE 8 Liı	nk			Relative H	umidity :	46~47%	
Test Engineer :	Kai Wang				Polarizatio	n :	Vertical	
Remark :	Spurious e	missions \	within 30-	1000MHz	were found	more tha	n 20dB be	elow limit line.
0 Le	vel (dBm)						Date:	2011-07-27
-10.0							FCC PA	RT22H/24E
-20.0								-6dB
-30.0								
-40.0			2					
-50.0		1						
-60.0								
-70.0								
-8030	1000. 300	0. 5000	. 7000.	9000. Frequency		13000. 15	5000. 170	000. 19000
Site Conditio Project	: 03CH n : FCC : FG 17	PART22H/24	E HF_EIRP_	_101221 VER	TICAL			
Frequency EIR	RP Limit	Over Limit	SPA Reading	S.G. Power	TX Cabl loss	e TX An		arization Resul

(dBm)

-56.38

-50.53

(dB)

2.93

3.91

(dBi)

9.06

10.83

(dBm)

-63.41

-62.23

(dB)

-37.25

-30.61

SPORTON INTERNATIONAL INC.

(dBm) (dBm)

-13

-13

-50.25

-43.61

(MHz)

3760

5636

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: T5M9000WBWZV1 Page Number : 27 of 39
Report Issued Date : Oct. 24, 2011
Report Version : Rev. 01

(H/V)

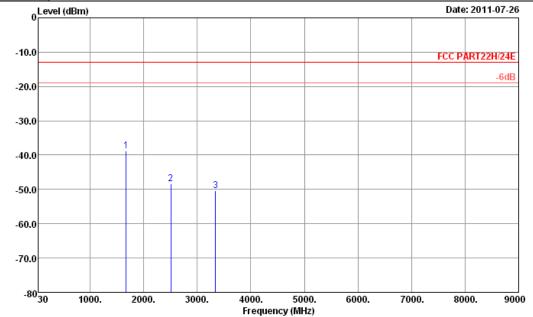
٧

Pass

Pass



Band :	WCDMA Band V	Temperature :	24~25°C
Test Mode :	RMC 12.2Kbps Link	Relative Humidity :	46~47%
Test Engineer :	Kai Wang	Polarization :	Horizontal
Remark :	Spurious emissions within 30-1000MHz	were found more tha	n 20dB below limit line.



Site 03CH05-HY

FCC PART22H/24E HF_EIRP_101221 HORIZONTAL FG 170707 Condition

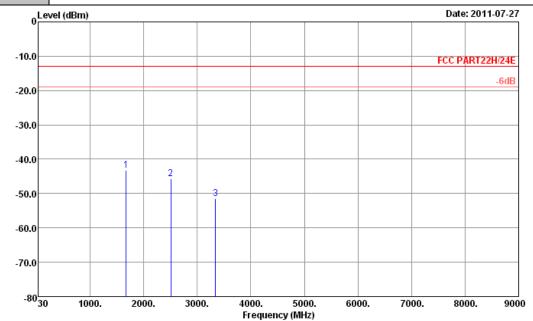
Project

Frequency	ERP	Limit	Over Limit	SPA Reading	S.G. Power	TX Cable loss	TX Antenna Gain	Polarization	Result
(MHz)	(dBm)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
1672	-38.86	-13	-25.86	-44.62	-40.05	2.15	5.49	Н	Pass
2509	-48.37	-13	-35.37	-57.43	-50.26	2.38	6.41	Н	Pass
3345	-50.31	-13	-37.31	-61.59	-53.64	2.86	8.34	Н	Pass

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: T5M9000WBWZV1 Page Number : 28 of 39 Report Issued Date: Oct. 24, 2011 Report Version : Rev. 01



Band :	WCDMA Band V	Temperature :	24~25°C
Test Mode :	RMC 12.2Kbps Link	Relative Humidity :	46~47%
Test Engineer :	Kai Wang	Polarization :	Vertical
Remark :	Spurious emissions within 30-1000MHz	were found more tha	n 20dB below limit line.



Site : 03CH05-HY

: FCC PART22H/24E HF_EIRP_101221 VERTICAL : FG 170707 Condition

Project

Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable		Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
_ ` /							` '	(П/ 🗸)	_
1672	-43.16	-13	-30.16	-48.89	-44.35	2.15	5.49	V	Pass
2509	-45.62	-13	-32.62	-54.59	-47.51	2.38	6.41	V	Pass
3345	-51.53	-13	-38.53	-62.63	-54.86	2.86	8.34	V	Pass

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: T5M9000WBWZV1 Page Number : 29 of 39 Report Issued Date: Oct. 24, 2011 Report Version : Rev. 01



Band :	WCDMA B	and IV			Temperatur	e :	24~2	5°C	
Test Mode :	RMC 12.2	Kbps Link	(Relative Hu	midity:	46~47%		
Test Engineer :	Kai Wang				Polarization	:	Horiz	ontal	
Remark :	Spurious e	missions	within 30-	1000MHz	were found r	more tha	n 20dl	B below limit	line.
0	evel (dBm)							Date: 2011-07-27	7
-10.0							F	CC PART22H/24E	
-20.0								-6dB	
-30.0									
-40.0			1						
-50.0									
-60.0									
-70.0									
-8036) 1000. 30	00. 50	000. 7000	0. 9000 Frequence		13000.	1500	00. 180	00
Site Conditio Project		PART22H/2	4E HF_EIRP_	101221 HOR	IZONTAL				
Frequency El	RP Limit	Over	SPA	S.G.	TX Cable			Polarization	Resul
(MHz) (dE	Bm)(dBm)	Limit (dB)	Reading (dBm)	Power (dBm	loss (dB)	Ga (dE		(H/V)	
, ,	<mark>3m)(dBm)</mark> 35 -13	-31.35	-61.92	-51.29	3.78	10.	_	<u>(п/v)</u> Н	Pass

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: T5M9000WBWZV1 Page Number : 30 of 39
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Band :	V	VCDMA Ba	and IV			Temperature :		24~25°C		
Test Mode :	F	RMC 12.2K	bps Link			Relative Hur	nidity :	46~47%		
Test Engine	er:	Kai Wang				Polarization : Vertical				
Remark :	5	Spurious er	nissions	within 30-	1000MHz	were found m	nore tha	n 20dE	below limit	line.
	0 Leve	el (dBm)						С	Date: 2011-07-27	
-10	0.0							FC	C PART22H/24E	
-29	0.0								-6dB	
-30	0.0									
-41	0.0			1						
-50	0.0									
-60	0.0									
-70	0.0									
	-80 <mark>30 1</mark>	000. 300	00. 50	00. 700	0. 9000 Frequency		13000.	15000). 1800	00
	e ndition oject	: 03CH0 : FCC F : FG 17	PART22H/24	4E HF_EIRP_	101221 VER	TICAL				
Frequency	EIRF	Limit	Over	SPA	S.G.	TX Cable			Polarization	Result
(MHz)	(dBm	ı) (dBm)	Limit (dB)	Reading (dBm)	Power (dBm)		Ga (dE		(H/V)	
5197.8	-47.6	, · · ,	-34.62	-65.14	-54.56	3.78	10.	•	V	Pass

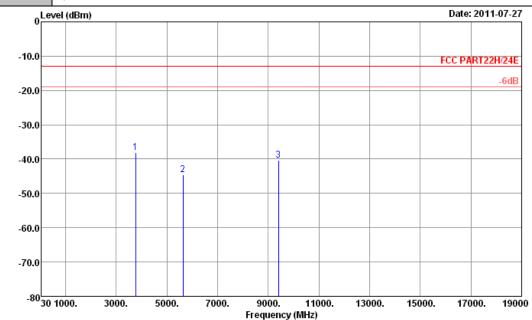
SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: T5M9000WBWZV1 Page Number : 31 of 39
Report Issued Date : Oct. 24, 2011
Report Version : Rev. 01



Band :	WCDMA Band II	Temperature :	24~25°C
Test Mode :	RMC 12.2Kbps Link	Relative Humidity :	46~47%
Test Engineer :	Kai Wang	Polarization :	Horizontal

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



Site : 03CH05-HY

Condition : FCC PART22H/24E HF_EIRP_101221 HORIZONTAL

Project : FG 170707

Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
			Limit	Reading	Power	loss	Gain		
(MHz)	(dBm)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
3760	-38.03	-13	-25.03	-51.32	-44.16	2.93	9.06	Н	Pass
5636	-44.62	-13	-31.62	-63.3	-51.54	3.91	10.83	Н	Pass
9396	-40.36	-13	-27.36	-64	-48.32	5.40	13.36	Н	Pass

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: T5M9000WBWZV1 Page Number : 32 of 39
Report Issued Date : Oct. 24, 2011
Report Version : Rev. 01



Band :	WCDMA Band	II		Temperature	:	24~25°C					
Test Mode :	RMC 12.2Kbps	Link		Relative Hur	midity :	46~47%					
Test Engineer :	Kai Wang			Polarization : Vertical							
Remark :	Spurious emiss	Spurious emissions within 30-1000MHz were found more than 20dB below limit line.									
0 Le	vel (dBm)					Date	: 2011-07-27				
-10.0						FCC PA	ART22H/24E				
-20.0							-6dB				
-30.0											
-40.0	1	2									
-50.0											
-60.0											
-70.0											
-8030	1000. 3000.	5000. 7000.	9000. Frequency		000. 15	5000. 170	000. 19000				

Site Condition

: 03CH05-HY : FCC PART22H/24E HF_EIRP_101221 VERTICAL : FG 170707

Project

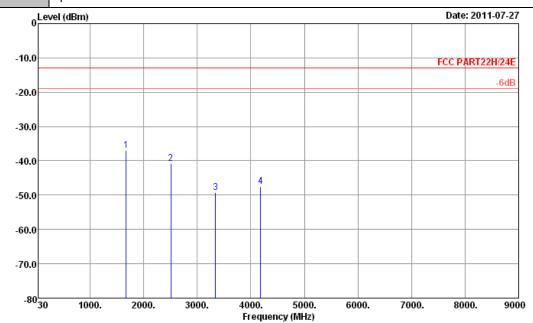
Frequency	EIRP	Limit	Over Limit	SPA Reading	S.G. Power	TX Cable loss	TX Antenna Gain	Polarization	Result
(MHz)	(dBm)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
3760	-41.76	-13	-28.76	-55.06	-47.89	2.93	9.06	V	Pass
5636	-45.11	-13	-32.11	-63.71	-52.03	3.91	10.83	V	Pass

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: T5M9000WBWZV1 Page Number : 33 of 39 Report Issued Date : Oct. 24, 2011 Report Version : Rev. 01



Band :	CDMA2000 BC0	Temperature :	24~25°C
Test Mode :	1xEV-DO Rev. 0 Link	Relative Humidity :	46~47%
Test Engineer :	Kai Wang	Polarization :	Horizontal

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



Site : 03CH05-HY

Condition : FCC PART22H/24E HF_EIRP_101221 HORIZONTAL

Project : FG 170707

Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
			Limit	Reading	Power	loss	Gain		
(MHz)	(dBm)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
1672	-36.92	-13	-23.92	-42.79	-38.11	2.15	5.49	Н	Pass
2509	-40.67	-13	-27.67	-49.73	-42.56	2.38	6.41	Н	Pass
3345	-49.35	-13	-36.35	-60.53	-52.68	2.86	8.34	Н	Pass
4182	-47.41	-13	-34.41	-62.42	-51.35	3.26	9.35	Н	Pass

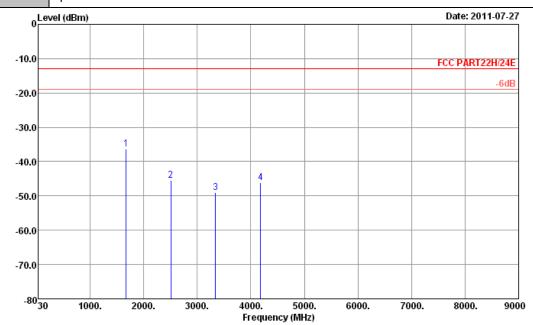
SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: T5M9000WBWZV1 Page Number : 34 of 39
Report Issued Date : Oct. 24, 2011
Report Version : Rev. 01



Band :	CDMA2000 BC0	Temperature :	24~25°C
Test Mode :	1xEV-DO Rev. 0 Link	Relative Humidity :	46~47%
Test Engineer :	Kai Wang	Polarization :	Vertical

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



Site : 03CH05-HY

Condition : FCC PART22H/24E HF_EIRP_101221 VERTICAL

Project : FG 170707

Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
			Limit	Reading	Power	loss	Gain		
(MHz)	(dBm)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
1672	-36.36	-13	-23.36	-42.04	-37.55	2.15	5.49	V	Pass
2509	-45.54	-13	-32.54	-54.59	-47.43	2.38	6.41	V	Pass
3345	-49.03	-13	-36.03	-60.41	-52.36	2.86	8.34	V	Pass
4182	-46.09	-13	-33.09	-61.11	-50.03	3.26	9.35	V	Pass

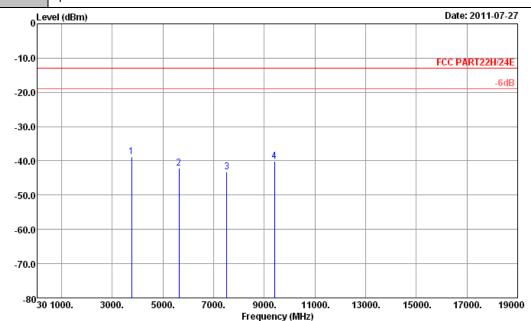
TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: T5M9000WBWZV1 Page Number : 35 of 39
Report Issued Date : Oct. 24, 2011
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FCC RF Test Report

Band :	CDMA2000 BC1	Temperature :	24~25°C
Test Mode :	1xEV-DO Rev. 0 Link	Relative Humidity :	46~47%
Test Engineer :	Kai Wang	Polarization :	Horizontal

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



Site : 03CH05-HY

Condition : FCC PART22H/24E HF_EIRP_101221 HORIZONTAL

Project: FG 170707

Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
			Limit	Reading	Power	loss	Gain		
(MHz)	(dBm)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
3760	-38.69	-13	-25.69	-52.13	-44.82	2.93	9.06	Н	Pass
5636	-42.12	-13	-29.12	-60.66	-49.04	3.91	10.83	Н	Pass
7520	-43.31	-13	-30.31	-64.96	-51.33	4.60	12.62	Н	Pass
9396	-40.15	-13	-27.15	-63.8	-48.11	5.40	13.36	Н	Pass

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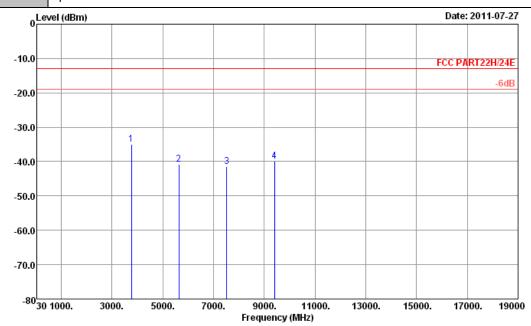
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FCC RF Test Report

Band :	CDMA2000 BC1	Temperature :	24~25°C
Test Mode :	1xEV-DO Rev. 0 Link	Relative Humidity :	46~47%
Test Engineer :	Kai Wang	Polarization :	Vertical

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



Site : 03CH05-HY

Condition : FCC PART22H/24E HF_EIRP_101221 VERTICAL

Project : FG 170707

Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
			Limit	Reading	Power	loss	Gain		
(MHz)	(dBm)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
3760	-35.05	-13	-22.05	-48.16	-41.18	2.93	9.06	V	Pass
5636	-40.77	-13	-27.77	-59.38	-47.69	3.91	10.83	V	Pass
7520	-41.43	-13	-28.43	-63.12	-49.45	4.60	12.62	V	Pass
9396	-39.85	-13	-26.85	-63.78	-47.81	5.40	13.36	V	Pass

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4 List of Measuring Equipments

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Due Date	Remark
Spectrum Analyzer	R&S	FSP30	101352	9KHz-30GHz	Nov. 03, 2010	Nov. 02, 2011	Radiation (03CH05-HY)
COM-POWER	Double Ridge Horn	AH-118	701030	1HGz~18GHz	N/A	N/A	Radiation (03CH05-HY)
Bilog Antenna	SCHAFFNER	CBL6111C	2725	30MHz ~ 1GHz	Nov. 06, 2010	Nov. 05, 2011	Radiation (03CH05-HY)
Turn Table	HD	Deis HD 2000	420/611	0 - 360 degree	N/A	N/A	Radiation (03CH05-HY)
Antenna Mast	HD	MA 240	240/666	1 m - 4 m	N/A	N/A	Radiation (03CH05-HY)
Double Ridge Horn Antenna	ESCO	3117	00075962	1GHz ~ 18GHz	Aug. 19, 2010	Aug. 18, 2011	Radiation (03CH05-HY)
COM-POWER	COM-POWER	PA-103	161075	1KHz - 1GHz	Mar. 29, 2011	Mar. 28, 2012	Radiation (03CH05-HY)
Pre Amplifier	EMCI	EMC051845	SN980048	1HGz~18GHz	Jul. 19, 2011	Jul. 18, 2012	Radiation (03CH05-HY)
Preamplifier	MITEQ	AMF-7D-00 101800-30-1	159087	1HGz~18GHz	Feb. 21, 2011	Feb. 20, 2012	Radiation (03CH05-HY)
Pre Amplifier	Agilent	8449B	3008A01917	1GHz- 26.5GHz	Apr. 14, 2011	Apr. 13, 2012	Radiation (03CH05-HY)
System Simulator	R&S	CMU200	117591	N/A	Oct. 18, 2010	Oct. 17, 2011	Radiation (03CH05-HY)

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5 Uncertainty of Evaluation

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

	Uncerta		
Contribution	dB	Probability Distribution	u(X _i)
Receiver Reading	0.41	Normal (k=2)	0.21
Antenna Factor Calibration	0.83	Normal (k=2)	0.42
Cable Loss Calibration	0.25	0.25 Normal (k=2)	
Pre-Amplifier Gain Calibration	0.27	Normal (k=2)	0.14
RCV/SPA Specification	2.50	Rectangular	0.72
Antenna Factor Interpolation for Frequency	1.00	Rectangular	0.29
Site Imperfection	1.43	Rectangular	0.83
Mismatch	+0.39 / -0.41	U-Shape	0.28
Combined Standard Uncertainty Uc(y)	1.27		
Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))		2.54	

Uncertainty of Radiated Emission Measurement (1 GHz ~ 40 GHz)

	Uncertai				
Contribution	dB	Probability Distribution	u(X _i)	Ci	C _i * u(X _i)
Receiver Reading	±0.10	Normal (k=2)	0.10	1	0.10
Antenna Factor Calibration	±1.70	Normal (k=2)	0.85	1	0.85
Cable Loss Calibration	±0.50	Normal (k=2)	0.25	1	0.25
Receiver Correction	±2.00	Rectangular	1.15	1	1.15
Antenna Factor Directional	±1.50	Rectangular	0.87	1	0.87
Site Imperfection	±2.80	Triangular	1.14	1	1.14
Mismatch Receiver VSWR Γ 1 = 0.197 Antenna VSWR Γ 2 = 0.194 Uncertainty = 20Log(1- Γ 1* Γ 2)	+0.34 / -0.35	U-Shape	0.244	1	0.244
Combined Standard Uncertainty Uc(y)	2.36				
Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))		4.7	72		

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Appendix A. Photographs of EUT

Please refer to Sporton report number EP170707 as below.

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1. External Photograph of EUT

Brand Name: DAP / Model Name: 9000WBWZV1 / Marketing Name: M9010

Report No.: EP170707



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2. Photograph of Accessory

Brand Name: DAP / Model Name: 9000WBWZV1 / Marketing Name: M9010

Report No.: EP170707

List of Accessory:

	Specification of Accessory				
AC Adamtan	Brand Name	CINCON ELECTRONICS			
AC Adapter	Model Name	TRG36A15 12E03			
Datta m. 4	Brand Name	DAP			
Battery 1	Model Name	VE026-8034			
Battery 2	Brand Name	DAP			
Dattery 2	Model Name	VE026-8035			
LCD Panel	Brand Name	SGD			
LOD I allei	Model Name	GNTW70NNBA1E0			
Camera 1	Brand Name	DEMARREN			
Camera 1	Model Name	Q5M03A			
WWAN Module	Brand Name	Sierra Wireless			
WWAIT WOULD	Model Name	MC8355			
WLAN Module	Brand Name	Summit Data Communications			
WEAN Wodule	Model Name	SDC-PE15N			
Bluetooth Module	Brand Name	Bluegiga			
Didetootii Woddie	Model Name	WT21-A			
Zigbee Module	Brand Name	Atmel			
Zigbee Wodule	Model Name	ATmega128RFA1			
Power Cord 1	Brand Name	QUAIL			
I Owel Cold I	Model Name	1062.079(NAM032)			
Power Cord 2	Brand Name	QUAIL			
	Model Name	8002.079(NAM033)			
Power Cord 3	Brand Name	QUAIL			
	Model Name	9657.079(NAM034)			

Remark: For accessories equipped with this EUT, please refer to the following photos.

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FAX: 886-3-328-4978

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IC: 4609A-9000WBWZV1

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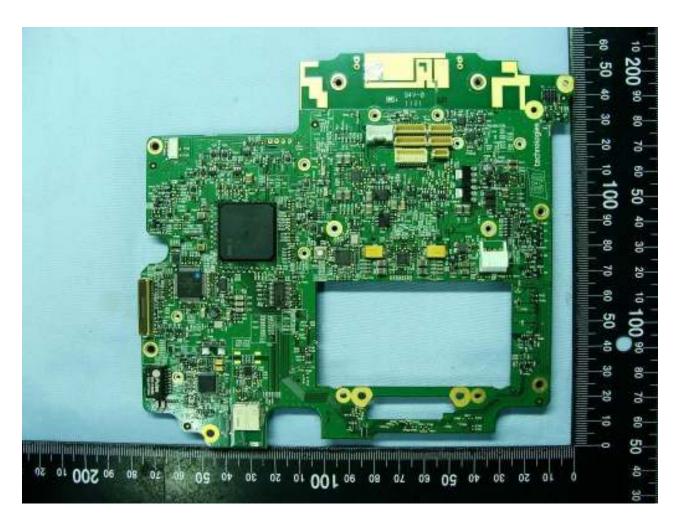
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3. Internal Photograph of EUT

Brand Name: DAP / Model Name: 9000WBWZV1 / Marketing Name: M9010

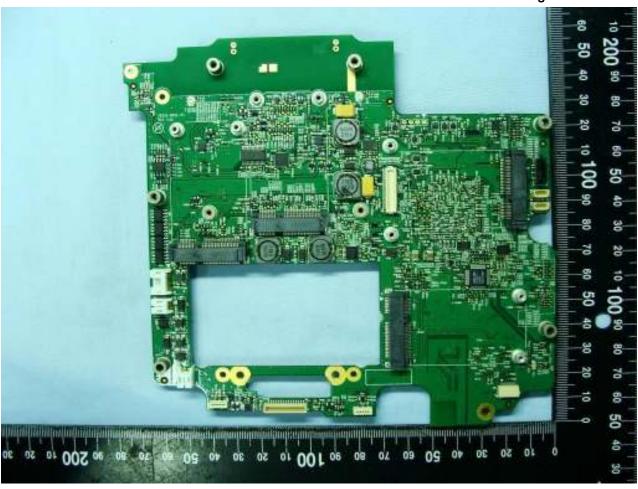
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********** SIERRA MC8355 FCC ID: N7NMC8355 IC: 2417C-MC8355 (((CCALIO3GOL80TO C€0168

> ARG CNC: 17-8867 QUALCOMM[®]3G Product of China

Brand Name: DAP / Model Name: 9000WBWZV1 / Marketing Name: M9010

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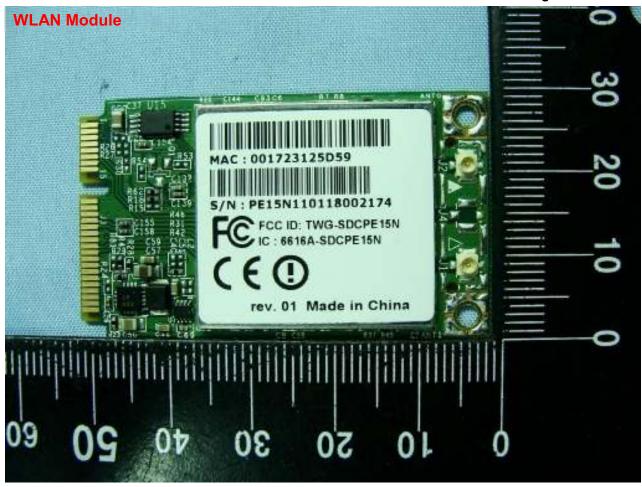
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FAX: 886-3-328-4978

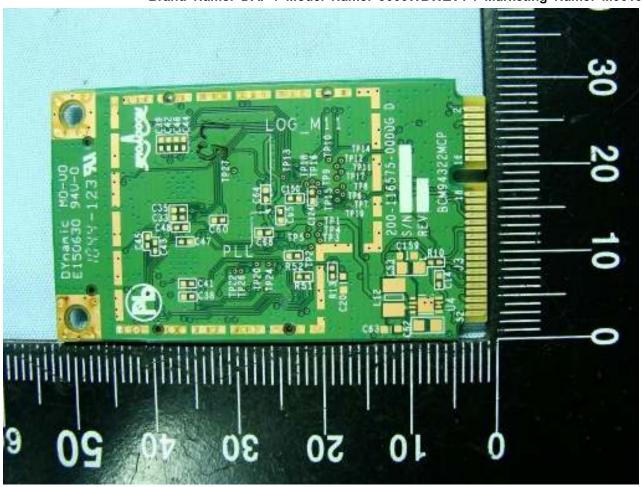
FCC ID: T5M9000WBWZV1

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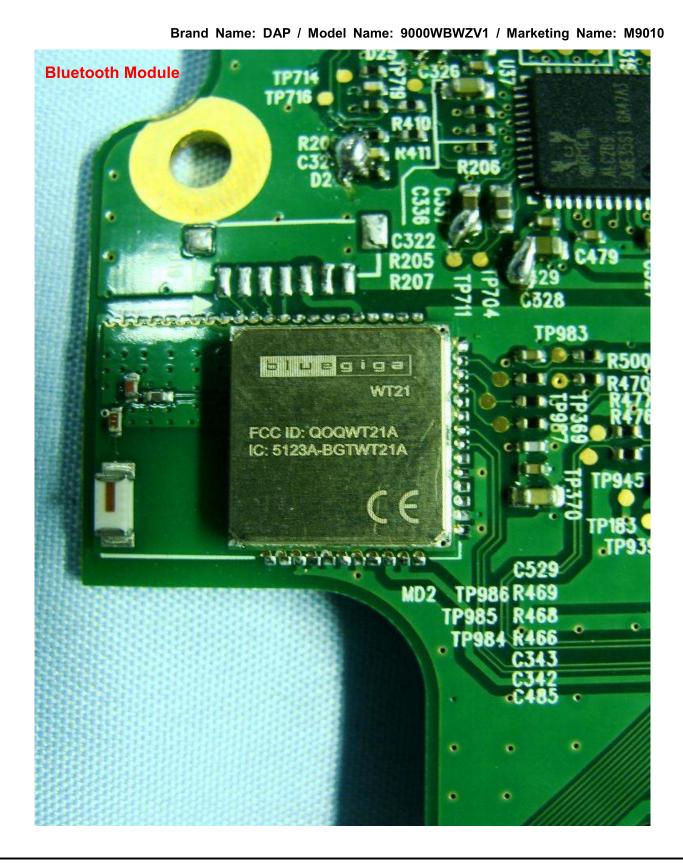
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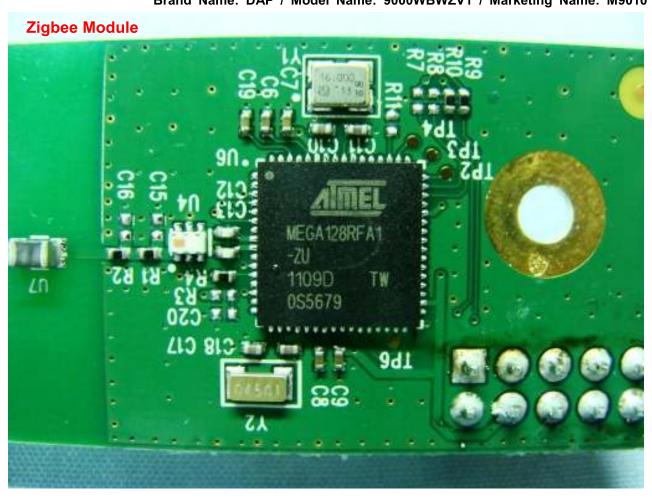
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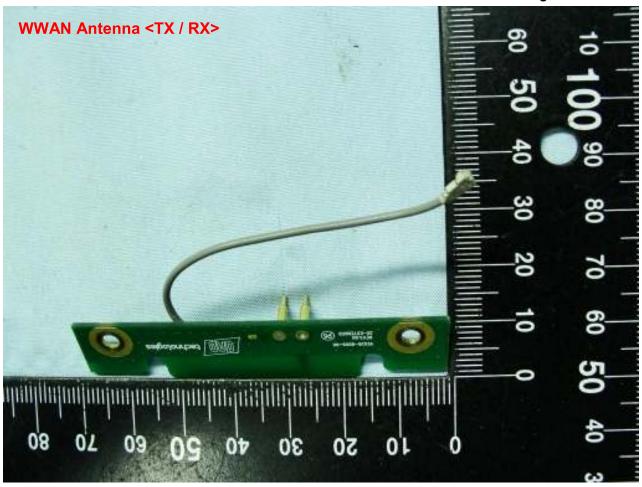
Report No.: EP170707



TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: T5M9000WBWZV1 IC: 4609A-9000WBWZV1 Page Number : 15 of 23
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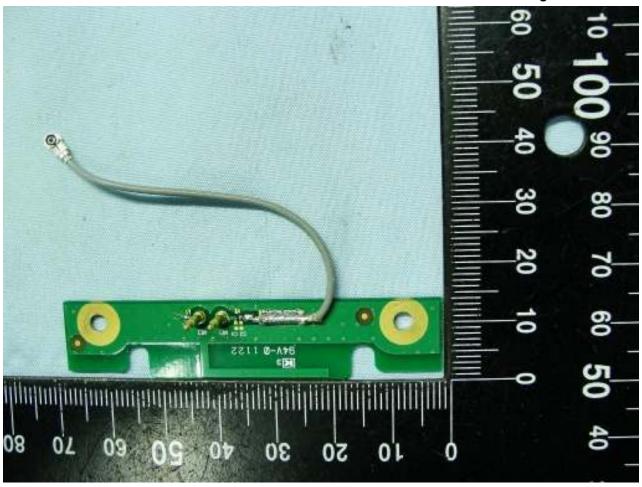


TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: T5M9000WBWZV1 IC: 4609A-9000WBWZV1

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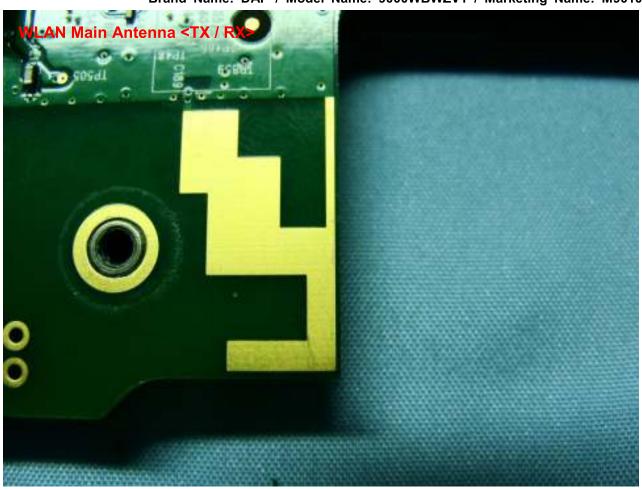
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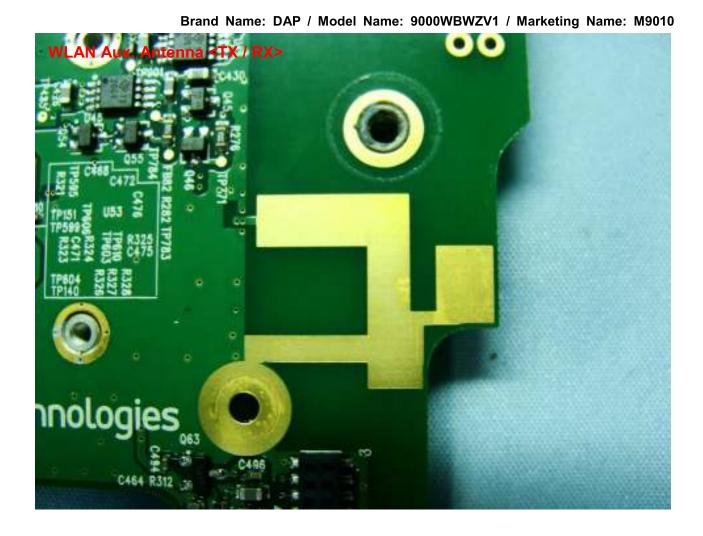
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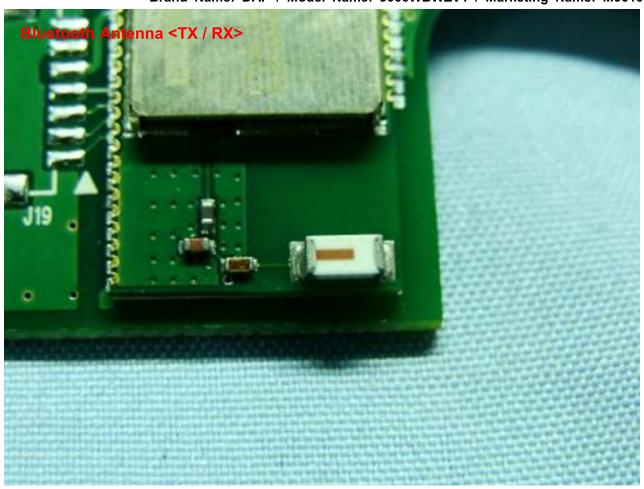
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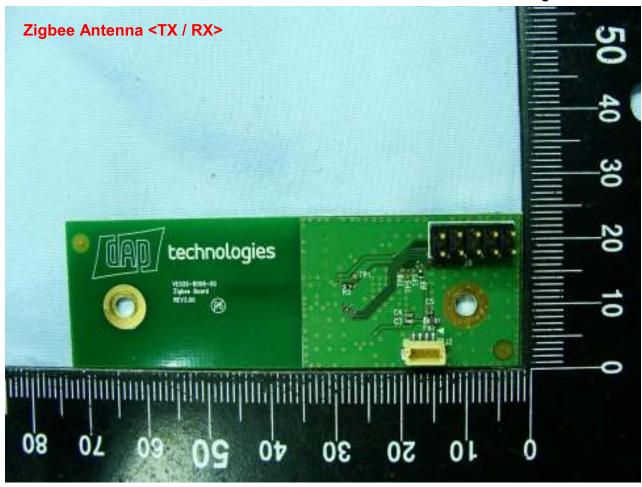
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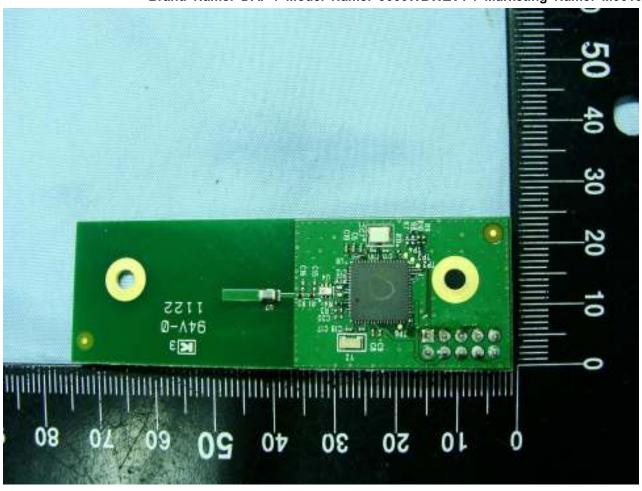


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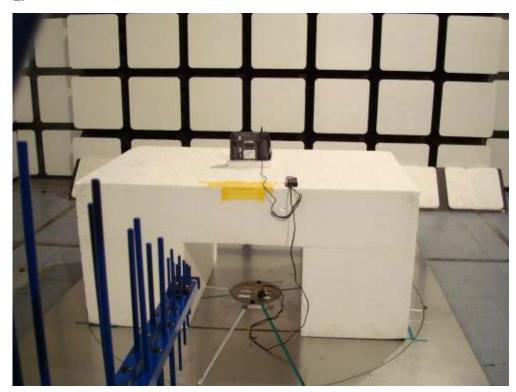
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Appendix B. Setup Photographs

<Radiated Emission>

LF

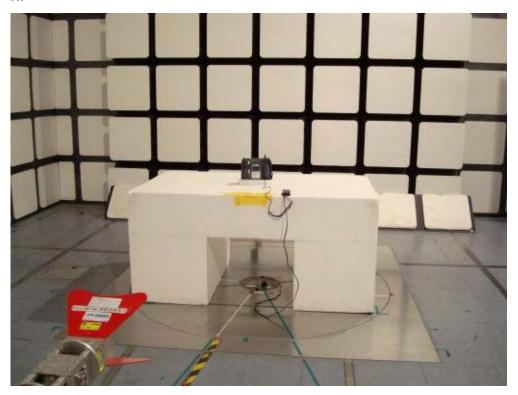


TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: T5M9000WBWZV1 Page Number : B1 of B2
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