



FCC EMI TEST REPORT

FCC ID	:	APYHRO00322
Equipment	:	Mobile Router
Brand Name	:	SHARP
Applicant	:	SHARP CORPORATION
		1 Takumi-cho, Sakai-ku, Sakai City, Osaka 590-8522, Japan
Manufacturer	:	SHARP CORPORATION
		1 Takumi-cho, Sakai-ku, Sakai City, Osaka 590-8522, Japan
Standard	:	FCC 47 CFR FCC Part 15 Subpart B Class B

The product was received on Sep. 08, 2022 and testing was performed from Oct. 03, 2022 to Oct. 05, 2022. We, Sporton International Inc. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures given in ANSI C63.4-2014 and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval from Sporton International Inc. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Louis Wu

Approved by: Louis Wu Sporton International Inc. EMC & Wireless Communications Laboratory No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)



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History of this test report

Report No.	Version	Description	Issue Date
FC262909-02	01	Initial issue of report	Nov. 15, 2022



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.107	AC Conducted Emission	Pass	8.12 dB under the limit at 0.152 MHz
3.2	15.109	Radiated Emission	Pass	5.89 dB under the limit at 53.760 MHz for Quasi-Peak

Declaration of Conformity:

- The test results (PASS/FAIL) with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers. It's means measurement values may risk exceeding the limit of regulation standards, if measurement uncertainty is include in test results.
- 2. The measurement uncertainty please refer to this report "Uncertainty of Evaluation".

Comments and Explanations:

The product specifications of the EUT presented in the report are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Keven Cheng

Report Producer: Lucy Wu



1. General Description

1.1. Product Feature of Equipment Under Test

WCDMA/LTE, and Wi-Fi 2.4GHz 802.11b/g/n/ac/ax

Product Feature				
	WWAN: PIFA Antenna			
Antenna Type	WLAN			
	<ant. 1="">: FPC, PIFA Antenna</ant.>			
	<ant. 2="">: FPC, PIFA Antenna</ant.>			

Remark: The EUT's information above is declared by manufacturer. Please refer to Comments and Explanations in report summary.

1.2. Modification of EUT

No modifications made to the EUT during the testing.

1.3. Test Location

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory		
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978		
Test Site No.	Sporton Site No. CO05-HY, 03CH06-HY		

FCC designation No.: TW1093

1.4. Applicable Standards

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

- FCC 47 CFR FCC Part 15 Subpart B Class B
- + ANSI C63.4-2014

Remark: All test items were verified and recorded according to the standards and without any deviation during the test.



2. Test Configuration of Equipment Under Test

2.1. Test Mode

The EUT is tested along with the peripherals, operating under possible configurations in compliant with normal operation. The maximum emissions can be identified by a pre-scan carried out in different orientations of placement pursuant to ANSI C63.4-2014. Frequency range covered: Conduction Emission (150 kHz to 30 MHz), Radiation Emission (30 MHz to the 5th harmonics of the highest fundamental frequency or to 40 GHz, whichever is lower).

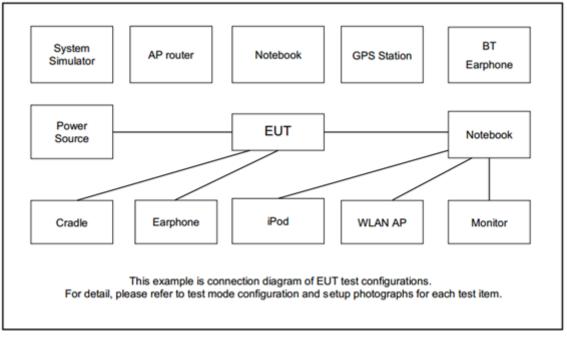
Test Items	Functions Enabled					
AC Conducted Emission	Mode 1: LTE Band 5 Idle + WLAN (2.4GHz) Link + Battery + USB Cable (Charging form Adapter)					
	Mode 2: LTE Band 12 Idle + WLAN (2.4GHz) Link + Battery + USB-Ethernet Dongle (LAN Link) + USB Cable (Charging form Adapter)					
	Mode 1: LTE Band 5 Idle + WLAN (2.4GHz) Link + Battery + USB Cable (Charging form Adapter)					
Radiated Emissions	Mode 2: LTE Band 12 Idle + WLAN (2.4GHz) Link + Battery + USB-Ethernet Dongle (LAN Link) + USB Cable (Charging form Adapter)					
	Mode 3: LTE Band 5 Idle + WLAN (2.4GHz) Link + Battery					
Remark:	Remark:					
1. The worst cas	I. The worst case of AC is mode 1; only the test data of this mode was reported.					

1. The worst case of AC is mode 1; only the test data of this mode was reported.

2. The worst case of RE is mode 2; only the test data of this mode was reported.

 For Radiation Emission after pre-scanned the cellular band between 30MHz ~ 960MHz (LTE Band 5/12); only the worst case for cellular band test data of this mode was reported.

2.2. Connection Diagram of Test System





2.3. Support Unit used in test configuration and system

			<u>, </u>				
ltem	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord	
1.	System Simulator	Anritsu	MT8820C	N/A	N/A	Unshielded, 1.8 m	
2.	Notebook	DELL	Latitude 3400	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m	
3.	Adapter	docomo	AC08	N/A	N/A	N/A	

2.4. EUT Operation Test Setup

The EUT is in LTE idle mode during the test. The EUT is synchronized with the BCCH, and has been continuous receiving mode by setting paging reorganization of the system simulator.

At the same time, the EUT is attached to the Notebook via WLAN function, and the following programs installed in the EUT are programmed during the test:

1. EUT links with Notebook and executes ping via RJ-45 Cable.



3. Test Result

3.1. Test of AC Conducted Emission Measurement

3.1.1. Limits of AC Conducted Emission

For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table.

Frequency of emission	Conducted	limit (dBuV)
(MHz)	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

3.1.2. Measuring Instruments

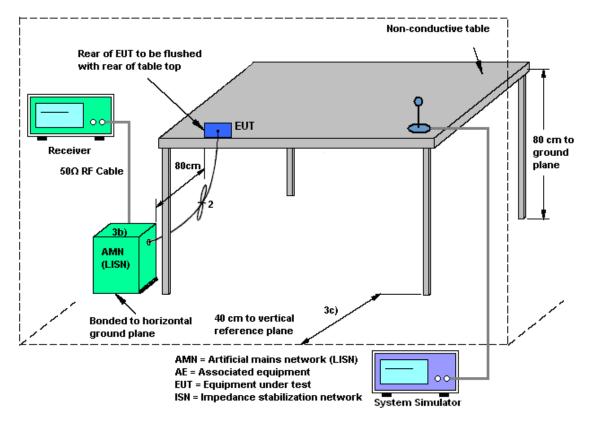
Please refer to the measuring equipment list in this test report.

3.1.3. Test Procedure

- 1. The EUT is placed 0.4 meter away from the conducting wall of the shielding room, and is kept at least 80 centimeters from any other grounded conducting surface.
- 2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
- 3. All the support units are connecting to the other LISN.
- 4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
- 5. The FCC states that a 50 ohm, 50 microhenry LISN shall be used.
- 6. Both Line and Neutral shall be tested in order to find out the maximum conducted emission.
- 7. The frequency range from 150 kHz to 30 MHz is scanned.
- Set the test-receiver system to Peak Detect Function and specified bandwidth (If Bandwidth = 9 kHz) with Maximum Hold Mode. Then measurement is also conducted by Average Detector and Quasi-Peak Detector Function respectively.



3.1.4. Test Setup



3.1.5. Test Result of AC Conducted Emission

Please refer to Appendix A.



3.2. Test of Radiated Emission Measurement

3.2.1. Limit of Radiated Emission

The emissions from an unintentional radiator shall not exceed the field strength levels specified in the following table:

<Class B>

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)	
30 – 88	100	3	
88 – 216	150	3	
216 - 960	200	3	
Above 960	500	3	

3.2.2. Measuring Instruments

Please refer to the measuring equipment list in this test report.

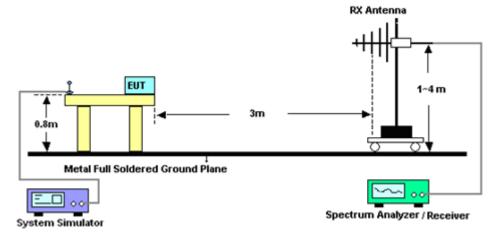
3.2.3. Test Procedures

- 1. The EUT is placed on a turntable with 0.8 meter above ground.
- 2. The EUT is set 3 meters from the interference receiving antenna, which is mounted on the top of a variable height antenna tower.
- 3. The table is rotated 360 degrees to determine the position of the highest radiation.
- 4. The antenna is a Bi-Log antenna and its height is adjusted between one to four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
- 5. For each suspected emission, the EUT is arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
- Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode (RBW=120 kHz/VBW=300 kHz for frequency below 1 GHz; RBW=1 MHz VBW=3 MHz (Peak), RBW=1 MHz/VBW=10 Hz (Average) for frequency above 1 GHz).
- If the emission level of the EUT in peak mode is 3 dB lower than the limit specified, peak values of EUT will be reported. Otherwise, the emission will be repeated by using the quasi-peak method and reported.

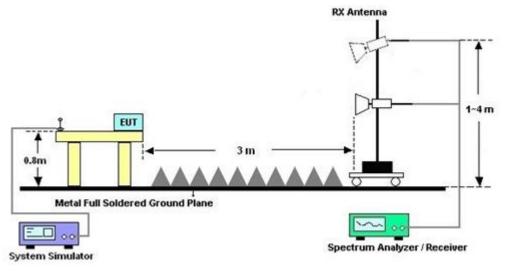


3.2.4. Test Setup of Radiated Emission

For Radiated Emissions from 30 MHz to 1 GHz



For Radiated Emissions from 1GHz to 18GHz



3.2.5. Test Result of Radiated Emission

Please refer to Appendix B.



4. List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Oct. 05, 2022	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Dec. 01, 2021	Oct. 05, 2022	Nov. 30, 2022	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Nov. 17, 2021	Oct. 05, 2022	Nov. 16, 2022	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Dec. 03, 2021	Oct. 05, 2022	Dec. 02, 2022	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32	N/A	N/A	N/A	Oct. 05, 2022	N/A	Conduction (CO05-HY)
Pulse Limiter	SCHWARZBE CK	VTSD 9561-F N	00691	N/A	Aug. 01, 2022	Oct. 05, 2022	Jul. 31, 2023	Conduction (CO05-HY)
LISN Cable	MVE	RG-400	260260	N/A	Dec. 30, 2021	Oct. 05, 2022	Dec. 29, 2022	Conduction (CO05-HY)
Amplifier	SONOMA	310N	186713	9kHz~1GHz	Apr. 28, 2022	Oct. 03, 2022	Apr. 27, 2023	Radiation (03CH06-HY)
Bilog Antenna	Schaffner	CBL 6111C & N-6-06	2725 & AT-N0601	30MHz~1GHz	Nov. 11, 2021	Oct. 03, 2022	Nov. 10, 2022	Radiation (03CH06-HY)
EMI Test Receiver	Rohde & Schwarz	ESU26	100472	20Hz~26.5GHz	Feb. 09, 2022	Oct. 03, 2022	Feb. 08, 2023	Radiation (03CH06-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-02037	1GHz~18GHz	Dec. 20, 2021	Oct. 03, 2022	Dec. 19, 2022	Radiation (03CH06-HY)
Preamplifier	Jet-Power	JPA00101800- 30-10P	1601180001	1GHz~18GHz	Jul. 18, 2022	Oct. 03, 2022	Jul. 17, 2023	Radiation (03CH06-HY)
RF Cable	HUBER + SUHNER	SF102_7000m m	532299/2	30MHz to 40GHz	Jul. 04, 2022	Oct. 03, 2022	Jul. 03, 2023	Radiation (03CH06-HY)
RF Cable	HUBER + SUHNER	SF102_3000m m	532422/2	30MHz to 40GHz	Jul. 04, 2022	Oct. 03, 2022	Jul. 03, 2023	Radiation (03CH06-HY)
RF Cable	HUBER + SUHNER	SF102_2000m m	532421/2	30MHz to 40GHz	Jul. 04, 2022	Oct. 03, 2022	Jul. 03, 2023	Radiation (03CH06-HY)
RF Cable	HUBER + SUHNER	SF104	802433/4	30Mhz to 18Ghz	Aug. 18, 2022	Oct. 03, 2022	Aug. 17, 2023	Radiation (03CH06-HY)
Controller	INN-CO	EM1000	060782	Control Turn table & Ant Mast	N/A	Oct. 03, 2022	N/A	Radiation (03CH06-HY)
Antenna Mast	MF	MF-7802	MF780208212	1m~4m	N/A	Oct. 03, 2022	N/A	Radiation (03CH06-HY)
Turn Table	INN-CO	DS2000	420/650/00	0-360 degree	N/A	Oct. 03, 2022	N/A	Radiation (03CH06-HY)
Software	Audix	E3 6.2009-8-24(k 5)	N/A	N/A	N/A	Oct. 03, 2022	N/A	Radiation (03CH06-HY)



5. Uncertainty of Evaluation

Uncertainty of Conducted Emission Measurement (150 kHz ~ 30 MHz)

Measuring Uncertainty for a Level of Confidence	3.5 dB
of 95% (U = 2Uc(y))	3.5 dB

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

Measuring Uncertainty for a Level of Confidence	5.2 dB
of 95% (U = 2Uc(y))	5.2 dB

Uncertainty of Radiated Emission Measurement (1000 MHz ~ 6000 MHz)

Measuring Uncertainty for a Level of Confidence	4.6 dB
of 95% (U = 2Uc(y))	4:0 UB

Uncertainty of Radiated Emission Measurement (6000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence	4.5 dB
of 95% (U = 2Uc(y))	4.5 08

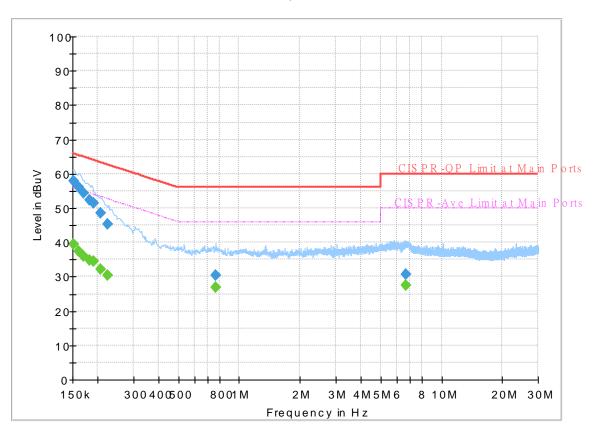


Appendix A. AC Conducted Emission Test Results

Test Engineer :		Temperature :	23~26 ℃
Test Engineer.	Calvin Wang	Relative Humidity :	45~55%

EUT Information

Report NO : Test Mode : Test Voltage : Phase : 262909-02 Mode 1 120Vac/60Hz Line



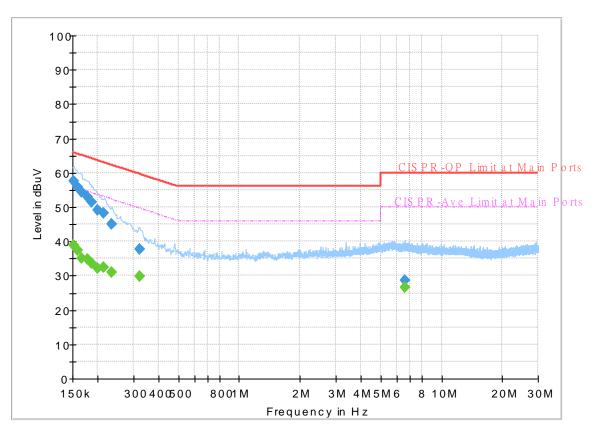
FullSpectrum

Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250		39.50	55.88	16.38	L1	OFF	19.8
0.152250	57.76		65.88	8.12	L1	OFF	19.8
0.161250		37.49	55.40	17.91	L1	OFF	19.8
0.161250	56.17		65.40	9.23	L1	OFF	19.8
0.170250		36.10	54.95	18.85	L1	OFF	19.8
0.170250	54.38		64.95	10.57	L1	OFF	19.8
0.181500		34.74	54.42	19.68	L1	OFF	19.8
0.181500	52.29		64.42	12.13	L1	OFF	19.8
0.190500		34.46	54.02	19.56	L1	OFF	19.8
0.190500	51.60		64.02	12.42	L1	OFF	19.8
0.206250		32.23	53.36	21.13	L1	OFF	19.8
0.206250	48.48		63.36	14.88	L1	OFF	19.8
0.224250		30.38	52.66	22.28	L1	OFF	19.8
0.224250	45.43		62.66	17.23	L1	OFF	19.8
0.766500		26.81	46.00	19.19	L1	OFF	19.8
0.766500	30.44		56.00	25.56	L1	OFF	19.8
6.666000		27.43	50.00	22.57	L1	OFF	20.1
6.666000	30.61		60.00	29.39	L1	OFF	20.1

EUT Information

Report NO : Test Mode : Test Voltage : Phase : 262909-02 Mode 1 120Vac/60Hz Neutral



FullSpectrum

Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250		38.84	55.88	17.04	Ν	OFF	19.8
0.152250	57.54		65.88	8.34	Ν	OFF	19.8
0.159000		37.41	55.52	18.11	Ν	OFF	19.8
0.159000	55.91		65.52	9.61	Ν	OFF	19.8
0.165750		35.04	55.17	20.13	Ν	OFF	19.8
0.165750	54.41		65.17	10.76	Ν	OFF	19.8
0.177000		34.82	54.63	19.81	Ν	OFF	19.8
0.177000	52.92		64.63	11.71	Ν	OFF	19.8
0.186000		33.61	54.21	20.60	Ν	OFF	19.8
0.186000	51.36		64.21	12.85	Ν	OFF	19.8
0.199500		32.18	53.63	21.45	Ν	OFF	19.8
0.199500	49.26		63.63	14.37	Ν	OFF	19.8
0.213000		32.50	53.09	20.59	Ν	OFF	19.8
0.213000	48.24		63.09	14.85	Ν	OFF	19.8
0.233250		30.87	52.33	21.46	Ν	OFF	19.8
0.233250	44.95		62.33	17.38	Ν	OFF	19.8
0.321000		29.83	49.68	19.85	Ν	OFF	19.8
0.321000	37.69		59.68	21.99	Ν	OFF	19.8
6.596250		26.50	50.00	23.50	Ν	OFF	20.1
6.596250	28.62		60.00	31.38	Ν	OFF	20.1



Appendix B. Radiated Emission Test Result

Toot Engineer	Vou V:	on Cha			Temp	erature	•	24~2	26°C		
Test Engineer :	YOU XI	an Che	n		Relati	ve Hun	nidity :	43~5	50%		
Test Distance :	3m				Polari	zation	:	Horiz	zontal		
Remark :	#6 is s	ystem :	simulat	or signa	al which	n can be	e ignore	d.			
 Emission level Factor(dB) = Ar Corrected Read 	ntenna I ding: Fa	Factor - actor(dE	+ Cable	+ Loss	- Filter	loss – F	Preamp	Factor		2-4 2	000 40 02
97	el (dBuV/m))								Jate: Z	022-10-03
90											
80											
70										FCC	CLASS-B
70											-6dB
60									FCC	CI A 6	S-B (AVG)
50	6					10		12	14		-6dB
	Ť			9		10		1			
40	7							11	13	15	
30	5										
20											
10											
⁰ 30	1000.	30	00.	5000		7000. ncy (MHz)	9	9000.	110	00.	13000
Trace: ([Site		03CH06	-ну		Troque						
Conditio				m 9120D	_02037	HORIZ	ONTAL				
Project		262909									
Power Memo		120Vac, Mode 2	/60Hz								
Menio		MOUE Z	0ver	Limit	Read		A/Pos	T/Pos			
	Freq	Level	Limit	Line	Level	Factor			Remark		
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	cm	deg			
1	35.67	29.23	-10.77	40.00	38.30	-9.07			Peak		
2	52.95		-12.06		45.50		250	224	•		
3	159.87		-18.04 -15.80	43.50 46.00		-13.23 -9.13			Peak Peak		
4	322.40										
4 5	322.40 602.40	27.43	-18.57		29.17	-1.74			Peak		
5 6 *	602.40 737.50	27.43 47.60	-18.57	46.00	46.83	0.77			Peak		
5 6 * 7	602.40	27.43 47.60 33.07	-18.57 -12.93	46.00	46.83 27.91						
5 6* 7 8 2 9 4	602.40 737.50 948.90 2946.00 4878.00	27.43 47.60 33.07 39.41 41.85	-18.57 -12.93 -34.59 -32.15	46.00 46.00 74.00 74.00	46.83 27.91 63.85 59.82	0.77 5.16 -24.44 -17.97			Peak Peak Peak Peak		
5 6* 7 8 9 10	602.40 737.50 948.90 2946.00 4878.00 6758.00	27.43 47.60 33.07 39.41 41.85 46.66	-18.57 -12.93 -34.59 -32.15 -27.34	46.00 46.00 74.00 74.00 74.00	46.83 27.91 63.85 59.82 60.48	0.77 5.16 -24.44 -17.97 -13.82	 	 	Peak Peak Peak Peak Peak		
5 6* 7 8 9 10 11	602.40 737.50 948.90 2946.00 4878.00	27.43 47.60 33.07 39.41 41.85 46.66 32.67	-18.57 -12.93 -34.59 -32.15	46.00 74.00 74.00 74.00 54.00	46.83 27.91 63.85 59.82	0.77 5.16 -24.44 -17.97 -13.82 -10.84		 	Peak Peak Peak Peak		
5 6* 7 8 9 10 11 12	602.40 737.50 948.90 2946.00 4878.00 6758.00 8902.00	27.43 47.60 33.07 39.41 41.85 46.66 32.67 47.94	-18.57 -12.93 -34.59 -32.15 -27.34 -21.33	46.00 46.00 74.00 74.00 54.00 74.00	46.83 27.91 63.85 59.82 60.48 43.51	0.77 5.16 -24.44 -17.97 -13.82 -10.84 -10.84	 		Peak Peak Peak Peak Peak Average		
5 6 * 7 8 2 9 4 10 11 12 13 10 14 10	602.40 737.50 948.90 2946.00 4878.00 6758.00 8902.00 8902.00	27.43 47.60 33.07 39.41 41.85 46.66 32.67 47.94 34.52 49.91	-18.57 -12.93 -34.59 -32.15 -27.34 -21.33 -26.06	46.00 74.00 74.00 74.00 54.00 74.00 54.00 74.00	46.83 27.91 63.85 59.82 60.48 43.51 58.78 41.50	0.77 5.16 -24.44 -17.97 -13.82 -10.84 -10.84 -6.98 -6.98	 	 105 105	Peak Peak Peak Peak Peak Average Peak		

Toot Engineer	Vou V:	on Cha	n		Temp	erature	:	24~2	6°C		
Test Engineer :			II		Relati	ve Hun	nidity :	43~5	60%		
Test Distance :	3m				Polari	zation	:	Verti	cal		
Remark :	#7 is s	ystem :	simulat	or signa	al which	n can be	e ignore	ed.			
Emission level							_	_			
 Factor(dB) = Ar Corrected Read 							Preamp	Facto	ſ		
	l (dBuV/m)) + 1.6							Date: 20	022-10-03
90											
90											
80										FCC	CLASS-B
70											-6dB
60									FC	C CLASS	6-B (AVG)
50	7					11		13	1!	\$7	-6dB
40		-		10							
	8	Ĩ						12	1	46	
30 5 (6 										
20											
10											
10											
0 <mark>30</mark>	1000.	30	00.	5000		7000.		9000.	110	000.	13000
Trace: (D	-				Freque	ncy (MHz)					
Site Condition		03CH06		m 9120D	02027	VEDTT	- 41				
Project		262909		11/200	_02007	VERTIC	AL.				
Project Power	:		-02		_02037	VERTIC					
•	:	262909	-02 /60Hz			VERTIC		T (D			
Power	:	262909 120Vac,	-02 /60Hz Over	Limit	Read Level		A/Pos	T/Pos	Remark		
Power	: : Freq	262909 120Vac, Mode 2	-02 /60Hz Over Limit	Limit	Read			T/Pos 	Remark		
Power Memo	: : Freq MHz	262909 120Vac, Mode 2 Level dBuV/m	-02 /60Hz Over Limit 	Limit Line dBuV/m	Read Level dBuV	Factor 	A/Pos cm	deg			
Power	: : Freq	262909 120Vac, Mode 2 Level dBuV/m 34.03	-02 /60Hz Over Limit 	Limit Line dBuV/m 40.00	Read Level dBuV	Factor dB/m -12.47	A/Pos		QP		
Power Memo 1 ! 2 ! 3	: Freq MHz 42.42 53.76 62.40	262909 120Vac, Mode 2 Level dBuV/m 34.03 34.11 33.39	-02 /60Hz Limit 	Limit Line dBuV/m 40.00 40.00 40.00	Read Level dBuV 46.50 51.90 52.00	Factor dB/m -12.47 -17.79 -18.61	A/Pos 	deg 300 170 330	QP QP QP		
Power Memo 1 ! 2 ! 3 4	: Freq MHz 42.42 53.76 62.40 91.02	262909 120Vac, Mode 2 Level dBuV/m 34.03 34.11 33.39 36.30	-02 /60Hz Limit -5.97 -5.89 -6.61 -7.20	Limit Line dBuV/m 40.00 40.00 40.00 43.50	Read Level dBuV 46.50 51.90 52.00 51.50	Factor dB/m -12.47 -17.79 -18.61 -15.20	A/Pos 	deg 300 170 330 310	QP QP QP QP		
Power Memo 	: Freq MHz 42.42 53.76 62.40	262909 120Vac, Mode 2 Level dBuV/m 34.03 34.11 33.39 36.30 27.35	-02 /60Hz Limit 	Limit Line dBuV/m 40.00 40.00 40.00	Read Level dBuV 46.50 51.90 52.00 51.50	Factor dB/m -12.47 -17.79 -18.61	A/Pos 	deg 300 170 330 310	QP QP QP		
Power Memo 1 ! 2 ! 3 4 5 6 7 *	: : : : : : : : : : : : : : : : : : :	262909 120Vac, Mode 2 Level dBuV/m 34.03 34.11 33.39 36.30 27.35 28.05 48.06	-02 /60Hz Dver Limit dB -5.97 -5.89 -6.61 -7.20 -18.65 -17.95	Limit Line dBuV/m 40.00 40.00 40.00 43.50 46.00 46.00	Read Level dBuV 46.50 51.90 52.00 51.50 36.58 29.81 47.29	Factor dB/m -12.47 -17.79 -18.61 -15.20 -9.23 -1.76 0.77	A/Pos 	deg 300 170 330 310 	QP QP QP QP Peak Peak Peak		
Power Memo 1 ! 2 ! 3 4 5 6 7 * 8	: : : : : : : : : : : : : : : : : : :	262909 120Vac, Mode 2 Level dBuV/m 34.03 34.11 33.39 36.30 27.35 28.05 48.06 33.30	-02 /60Hz Dver Limit dB -5.97 -5.89 -6.61 -7.20 -18.65 -17.95 -12.70	Limit Line dBuV/m 40.00 40.00 40.00 43.50 46.00 46.00	Read Level dBuV 46.50 51.90 52.00 51.50 36.58 29.81 47.29 27.95	Factor dB/m -12.47 -17.79 -18.61 -15.20 -9.23 -1.76 0.77 5.35	A/Pos cm 100 100 100 	deg 300 170 330 310 	QP QP QP QP Peak Peak Peak Peak		
Power Memo 1 ! 2 ! 3 4 5 6 7 * 8 9 2	: : : : : : : : : : : : : : : : : : :	262909 120Vac, Mode 2 Level dBuV/m 34.03 34.11 33.39 36.30 27.35 28.05 48.06 33.30 36.97	-02 /60Hz Dver Limit dB -5.97 -5.89 -6.61 -7.20 -18.65 -17.95	Limit Line dBuV/m 40.00 40.00 40.00 43.50 46.00 46.00	Read Level dBuV 46.50 51.90 52.00 51.50 36.58 29.81 47.29 27.95 64.95	Factor dB/m -12.47 -17.79 -18.61 -15.20 -9.23 -1.76 0.77	A/Pos 	deg 300 170 330 310 	QP QP QP QP Peak Peak Peak		
Power Memo 1 ! 2 ! 3 4 5 6 7 * 8 9 2 10 4	: : : : : : : : : : : : : : : : : : :	262909 120Vac, Mode 2 Level dBuV/m 34.03 34.11 33.39 36.30 27.35 28.05 48.06 33.30 36.97 41.25	-02 /60Hz Dver Limit dB -5.97 -5.89 -6.61 -7.20 -18.65 -17.95 -12.70 -37.03	Limit Line dBuV/m 40.00 40.00 40.00 43.50 46.00 46.00 74.00	Read Level dBuV 46.50 51.90 52.00 51.50 36.58 29.81 47.29 27.95 64.95 59.15	Factor dB/m -12.47 -17.79 -18.61 -15.20 -9.23 -1.76 0.77 5.35 -27.98	A/Pos cm 100 100 100 	deg 300 170 330 310 	QP QP QP Peak Peak Peak Peak Peak		
Power Memo 1 ! 2 ! 3 4 5 6 7 * 8 9 2 10 4 11 6 12 8	: : : : : : : : : : : : : : : : : : :	262909 120Vac, Mode 2 Level dBuV/m 34.03 34.11 33.39 36.30 27.35 28.05 48.06 33.30 36.97 41.25 45.95 32.79	-02 /60Hz 0ver Limit dB -5.97 -5.89 -6.61 -7.20 -18.65 -17.95 -12.70 -37.03 -32.75 -28.05 -21.21	Limit Line dBuV/m 40.00 40.00 40.00 43.50 46.00 46.00 74.00 74.00 74.00 54.00	Read Level dBuV 46.50 51.90 52.00 51.50 36.58 29.81 47.29 27.95 64.95 59.15 59.72 43.69	Factor dB/m -12.47 -17.79 -18.61 -15.20 -9.23 -1.76 0.77 5.35 -27.98 -17.90 -13.77 -10.90	A/Pos cm 100 100 100 	deg 300 170 330 310 	QP QP QP Peak Peak Peak Peak Peak Peak Peak Average		
Power Memo 1 ! 2 ! 3 4 5 6 7 * 8 9 2 10 4 11 6 12 8 13 8	: : : : : : : : : : : : : : : : : : :	262909 120Vac, Mode 2 Level dBuV/m 34.03 34.11 33.39 36.30 27.35 28.05 48.06 33.30 36.97 41.25 45.95 32.79 47.86	-02 /60Hz 0ver Limit dB -5.97 -5.89 -6.61 -7.20 -18.65 -17.95 -12.70 -37.03 -32.75 -28.05 -21.21 -26.14	Limit Line dBuV/m 40.00 40.00 40.00 43.50 46.00 46.00 46.00 74.00 74.00 54.00 74.00	Read Level dBuV 46.50 51.90 52.00 51.50 36.58 29.81 47.29 27.95 64.95 59.15 59.72 43.69 58.76	Factor dB/m -12.47 -17.79 -18.61 -15.20 -9.23 -1.76 0.77 5.35 -27.98 -17.90 -13.77 -10.90 -10.90	A/Pos cm 100 100 100 100 	deg 300 170 330 310 	QP QP QP Peak Peak Peak Peak Peak Peak Average Peak		
Power Memo 1 ! 2 ! 3 4 5 6 7 * 8 9 2 10 4 11 6 12 8 13 8 14 16	: : : : : : : : : : : : : : : : : : :	262909 120Vac, Mode 2 Level dBuV/m 34.03 34.11 33.39 36.30 27.35 28.05 48.06 33.30 36.97 41.25 45.95 32.79 47.86 34.52	-02 /60Hz 0ver Limit dB -5.97 -5.89 -6.61 -7.20 -18.65 -17.95 -12.70 -37.03 -32.75 -28.05 -21.21 -26.14 -19.48	Limit Line dBuV/m 40.00 40.00 40.00 43.50 46.00 46.00 74.00 74.00 74.00 54.00 54.00	Read Level dBuV 46.50 51.90 52.00 51.50 36.58 29.81 47.29 27.95 64.95 59.15 59.72 43.69 58.76 41.50	Factor dB/m -12.47 -17.79 -18.61 -15.20 -9.23 -1.76 0.77 5.35 -27.98 -17.90 -13.77 -10.90 -10.90 -6.98	A/Pos cm 100 100 100 100 100	deg 300 170 330 310 58	QP QP QP Peak Peak Peak Peak Peak Peak Average Peak Average		
Power Memo 1 ! 2 ! 3 4 5 6 7 * 8 9 2 10 4 11 6 12 8 13 8 14 16 15 16	: : : : : : : : : : : : : : : : : : :	262909 120Vac, Mode 2 Level dBuV/m 34.03 34.11 33.39 36.30 27.35 28.05 48.06 33.30 36.97 41.25 45.95 32.79 47.86 34.52 49.01	-02 /60Hz 0ver Limit dB -5.97 -5.89 -6.61 -7.20 -18.65 -17.95 -12.70 -37.03 -32.75 -28.05 -21.21 -26.14 -19.48 -24.99	Limit Line dBuV/m 40.00 40.00 40.00 43.50 46.00 46.00 46.00 74.00 74.00 54.00 74.00 54.00 74.00	Read Level dBuV 46.50 51.90 52.00 51.50 36.58 29.81 47.29 27.95 64.95 59.15 59.72 43.69 58.76 41.50 55.99	Factor dB/m -12.47 -17.79 -18.61 -15.20 -9.23 -1.76 0.77 5.35 -27.98 -17.90 -13.77 -10.90 -10.90 -6.98 -6.98	A/Pos cm 100 100 100 100 100 100	deg 300 170 330 310 58 58	QP QP QP Peak Peak Peak Peak Peak Peak Average Peak Average Peak	2	
Power Memo 1 ! 2 ! 3 4 5 6 7 * 8 9 2 10 4 11 6 12 8 13 8 14 16 15 16 15 16	: : : : : : : : : : : : : : : : : : :	262909 120Vac, Mode 2 Level dBuV/m 34.03 34.11 33.39 36.30 27.35 28.05 48.06 33.30 36.97 41.25 45.95 32.79 47.86 34.52 49.01 33.78	-02 /60Hz 0ver Limit dB -5.97 -5.89 -6.61 -7.20 -18.65 -17.95 -12.70 -37.03 -32.75 -28.05 -21.21 -26.14 -19.48	Limit Line dBuV/m 40.00 40.00 40.00 43.50 46.00 46.00 74.00 74.00 74.00 54.00 54.00	Read Level dBuV 46.50 51.90 52.00 51.50 36.58 29.81 47.29 27.95 64.95 59.15 59.72 43.69 58.76 41.50 55.99	Factor dB/m -12.47 -17.79 -18.61 -15.20 -9.23 -1.76 0.77 5.35 -27.98 -17.90 -13.77 -10.90 -10.90 -6.98	A/Pos cm 100 100 100 100 100	deg 300 170 330 310 58 58 303	QP QP QP Peak Peak Peak Peak Peak Peak Average Peak Average	2	