Report No:CCISE160603805

# **FCC REPORT**

**Applicant:** CELL TECH ELECTRONICS, INC.

Address of Applicant: 2678&2680 NW 97TH AVE DORAL MIAMI 33172 USA

**Equipment Under Test (EUT)** 

Product Name: Mobile Phone

Model No.: CICLON

Trade mark: GeniusTouch

FCC ID: 2ADFBCICLON

Applicablestandards: FCC CFR Title 47 Part 15 Subpart B

Date of sample receipt: 16 Jun., 2016

**Date of Test:** 16 Jun., to 26 July., 2016

Date of report issued: 26 July., 2016

Test Result: Pass\*

\*In the configuration tested, the EUT complied with the standards specified above.

### Authorized Signature:



Bruce Zhang Laboratory Manager

This report details the results of the testing carried out on one sample. The results contained in this test report do not relate to other samples of the same product and does not permit the use of the CCIS product certification mark. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

This report may only be reproduced and distributed in full. If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant standards.

This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only





### 2 Version

Version No.	Date	Description
00	26 July., 2016	Original

Tested by:

Date: 26 July., 2016

Test Engineer

Reviewed by: Query Chen Date: 26 July., 2016

Project Engineer





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# 4 Test Summary

Test Item	Section in CFR 47	Result	
Conducted Emission	Part 15.107	Pass	
Radiated Emission	Part 15.109	Pass	

Pass: The EUT complies with the essential requirements in the standard.

Report No: CCISE160603805

### 5 General Information

### 5.1 Client Information

Applicant:	CELL TECH ELECTRONICS, INC.
Address of Applicant:	2678&2680 NW 97TH AVE DORAL MIAMI 33172 USA
Manufacturer and Factory	CELL TECH ELECTRONICS, INC.
Address of Manufacturer and Factory:	2678&2680 NW 97TH AVE DORAL MIAMI 33172 USA

### 5.2 General Description of E.U.T.

Product Name:	Mobile Phone	
Model No.:	CICLON	
Power supply:	Rechargeable Li-ion Battery DC3.7V-1800mAh	
AC adapter :	Input: AC100-240V 50/60Hz 0.15A Output: DC 5.0V, 0.7A	

### 5.3 Test Mode

Operating mode	Detail description	
PC mode	Keep the EUT in Downloading mode(Worst case)	
Charging+Recording mode	Keep the EUT in Charging+Recording mode	
Charging+Playing mode	Keep the EUT in Charging+Playing mode	
FM mode	Keep the EUT in FM receiver mode	
GPS mode	Keep the EUT in GPS receiver mode	

The sample was placed 0.8m above the ground plane of 3m chamber. Measurements in both horizontal and vertical polarities were performed. During the test, each emission was maximized by: having the EUT continuously working, investigated all operating modes, rotated about all 3 axis (X, Y & Z) and considered typical configuration to obtain worst position, manipulating interconnecting cables, rotating the turntable, varying antenna height from 1m to 4m in both horizontal and vertical polarizations. The emissions worst-case are shown in Test Results of the following pages.

# **5.4 Measurement Uncertainty**

Items	Expanded Uncertainty (Confidence of 95%)
Conducted Emission (9kHz ~ 30MHz)	2.14 dB (k=2)
Radiated Emission (9kHz ~ 30MHz)	4.24 dB (k=2)
Radiated Emission (30MHz ~ 1000MHz)	4.35 dB (k=2)
Radiated Emission (1GHz ~ 18GHz)	4.44 dB (k=2)
Radiated Emission (18GHz ~ 26.5GHz)	4.56 dB (k=2)

Shenzhen Zhongjian Nanfang Testing Co., Ltd.
No. B-C, 1/F., Building 2, Laodong No.2 Industrial Park, Xixiang Road,
Bao'an District, Shenzhen, Guangdong, China
Telephone: +86 (0) 755 23118282 Fax: +86 (0) 755 2311 6366

Report No: CCISE160603805

### 5.5 Description of Support Units

Manufacturer	Description	Model	Serial Number	FCC ID/DoC
DELL	PC	OPTIPLEX745	N/A	DoC
DELL	MONITOR	E178FPC	178FPC N/A	
DELL	KEYBOARD	SK-8115	N/A	DoC
DELL	MOUSE MOC5UO		N/A	DoC
HP	Printer	CB495A	05257893	DoC
MERCURY	RY Wireless router MW150R		12922104015	FCC ID
NAKAMICHI	Bluetooth earphone	T8	N/A	FCC ID

### 5.6 Laboratory Facility

The test facility is recognized, certified, or accredited by the following organizations:

### • FCC - Registration No.: 817957

Shenzhen Zhongjian Nanfang Testing Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in out files. Registration 817957, February 27, 2012.

### • IC - Registration No.: 10106A-1

The 3m Semi-anechoic chamber of Shenzhen Zhongjian Nanfang Testing Co., Ltd. has been Registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 10106A-1.

### • CNAS - Registration No.: CNAS L6048

Shenzhen Zhongjian Nanfang Testing Co., Ltd. is accredited to ISO/IEC 17025:2005 General Requirements for the Competence of Testing and Calibration laboratories for the competence of testing. The Registration No. is CNAS L6048.

### 5.7 Laboratory Location

Shenzhen Zhongjian Nanfang Testing Co., Ltd.

Address: No. B-C, 1/F., Building 2, Laodong No.2 Industrial Park, Xixiang Road,

Bao'an District, Shenzhen, Guangdong, China

Tel: +86-755-23118282 Fax: +86-755-23116366





# 5.8 Test Instruments list

Radiated Emission:								
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)		
1	3m SAC	SAEMC	9(L)*6(W)* 6(H)	CCIS0001	08-23-2014	08-22-2017		
2	BiConiLog Antenna	SCHWARZBECK	VULB9163	CCIS0005	03-25-2016	03-25-2017		
3	Horn Antenna SCHWARZBECK BBHA9		BBHA9120D	CCIS0006	03-25-2016	03-25-2017		
4	4 Pre-amplifier HP (10kHz-1.3GHz)		8447D	CCIS0003	04-01-2016	03-31-2017		
5	Pre-amplifier Compliance Direction		PAP-1G18	CCIS0011	04-01-2016	03-31-2017		
6	Spectrum analyzer 9k-30GHz	Rohde & Schwarz	FSP30	CCIS0023	03-28-2016	03-28-2017		
7	EMI Test Receiver	Rohde & Schwarz	ESRP7	CCIS0167	03-28-2016	03-28-2017		
8	EMI Test Software	AUDIX	E3	N/A	N/A	N/A		

Cond	Conducted Emission:									
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)				
1	Shielding Room	ZhongShuo Electron	11.0(L)x4.0(W)x3.0(H)	CCIS0061	08-23-2014	08-22-2017				
2	EMI Test Receiver	Rohde & Schwarz	ESCI	CCIS0002	03-24-2016	03-24-2017				
3	LISN	CHASE	MN2050D	CCIS0074	03-26-2016	03-26-2017				
4	Coaxial Cable	CCIS	N/A	CCIS0086	04-01-2016	03-31-2017				
5	EMI Test Software	AUDIX	E3	N/A	N/A	N/A				



# 6 Test results and Measurement Data

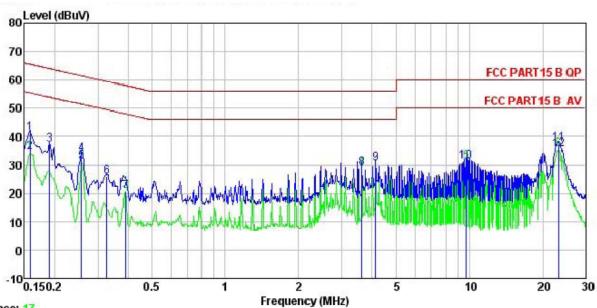
# **6.1 Conducted Emission**

Test Requirement:	FCC Part15 B Section 15.10	)7				
Test Method:	ANSI C63.4: 2014					
Test Frequency Range:	150kHz to 30MHz					
Class / Severity:	Class B					
Receiver setup:	RBW=9kHz, VBW=30kHz					
Limit:	Fraguency range (MHZ)	Limit (	dBμV)			
	Frequency range (MHz)  Quasi-peak  Average					
	0.15-0.5	66 to 56*	56 to 46*			
	0.5-5	56	46			
	0.5-30	60	50			
	* Decreases with the logarith	nm of the frequency.				
Test setup:	Reference Pla	ne	_			
	Remark E.U.T Equipment Under Test LISN: Line Impedence Stabilization Network Test table height=0.8m					
Test procedure	<ol> <li>The E.U.T and simulators are connected to the main power through a line impedance stabilization network(L.I.S.N.). The provide a 50ohm/50uH coupling impedance for the measuring equipment.</li> <li>The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refers to the block diagram of the test setup and photographs).</li> <li>Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.4: 2014on conducted measurement.</li> </ol>					
Test environment:	Temp.: 23°C Hur	mid.: 56% Pre	ess.: 101kPa			
Test Instruments:	Refer to section 5.8 for details					
Test mode:	Refer to section 5.3 for details					
Test results:	Pass					



#### Measurement data:

Line:



Trace: 17

Site : CCIS Shielding Room Condition : FCC PART15 B QP LISN LINE

EUT : Mobile phone
Model : CICLON
Test Mode : PC mode

Power Rating: AC120/60Hz Environment: Temp: 23 °C Huni:56% Atmos:101KPa

Test Engineer: YT

Remark

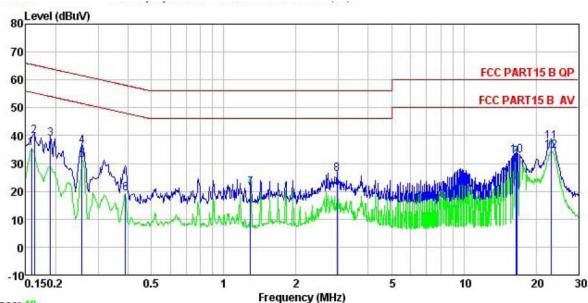
Freq	Read Level	LISN Factor			Limit Line	Over Limit	Remark
MHz	dBu∜	<u>dB</u>	<u>ab</u>	dBu₹	dBu√	<u>dB</u>	
0.158	30.11	0.14	10.78	41.03			
				10 TO TO TO			
0.190	26.21	0.15	10.76	37.12	64.02	-26.90	QP
0.258	22.95	0.16	10.75	33.86	61.51	-27.65	QP
0.258	20.37	0.16	10.75	31.28	51.51	-20.23	Average
0.327	14.90	0.18	10.73	25.81			
	9.48	0.23	10.72	20.43	48.08	-27.65	Average
3,623	17.58	0.34	10.90				
4.136	19.13	0.34	10.88				
23. 263	24. 15	0.35	10.89	35.39			Y DE ANDERSON
	MHz 0. 158 0. 158 0. 190 0. 258 0. 258 0. 327 0. 389 3. 623 4. 136 9. 705 23. 263	Freq Level  MHz dBuV  0.158 30.11 0.158 23.42 0.190 26.21 0.258 22.95 0.258 20.37 0.327 14.90 0.389 9.48 3.623 17.58 4.136 19.13 9.705 19.99 23.263 26.14	MHz         dBuV         dB           0.158         30.11         0.14           0.158         23.42         0.14           0.190         26.21         0.15           0.258         22.95         0.16           0.258         20.37         0.16           0.327         14.90         0.18           0.389         9.48         0.23           3.623         17.58         0.34           4.136         19.13         0.34           9.705         19.99         0.31           23.263         26.14         0.35	MHz         dBuV         dB         dB           0.158         30.11         0.14         10.78           0.158         23.42         0.14         10.78           0.190         26.21         0.15         10.76           0.258         22.95         0.16         10.75           0.258         20.37         0.16         10.75           0.327         14.90         0.18         10.73           0.389         9.48         0.23         10.72           3.623         17.58         0.34         10.90           4.136         19.13         0.34         10.88           9.705         19.99         0.31         10.93           23.263         26.14         0.35         10.89	MHz         dBuV         dB         dB         dBuV           0.158         30.11         0.14         10.78         41.03           0.158         23.42         0.14         10.78         34.34           0.190         26.21         0.15         10.76         37.12           0.258         22.95         0.16         10.75         33.86           0.258         20.37         0.16         10.75         31.28           0.327         14.90         0.18         10.73         25.81           0.389         9.48         0.23         10.72         20.43           3.623         17.58         0.34         10.90         28.82           4.136         19.13         0.34         10.88         30.35           9.705         19.99         0.31         10.93         31.23           23.263         26.14         0.35         10.89         37.38	MHz         dBuV         dB         dB         dBuV         dBuV           0.158         30.11         0.14         10.78         41.03         65.56           0.158         23.42         0.14         10.78         34.34         55.56           0.190         26.21         0.15         10.76         37.12         64.02           0.258         22.95         0.16         10.75         33.86         61.51           0.327         14.90         0.18         10.73         25.81         59.53           0.389         9.48         0.23         10.72         20.43         48.08           3.623         17.58         0.34         10.90         28.82         46.00           4.136         19.13         0.34         10.88         30.35         56.00           9.705         19.99         0.31         10.93         31.23         50.00           23.263         26.14         0.35         10.89         37.38         60.00	MHz         dBuV         dB         dB         dBuV         dBuV         dB           0.158         30.11         0.14         10.78         41.03         65.56         -24.53           0.158         23.42         0.14         10.78         34.34         55.56         -21.22           0.190         26.21         0.15         10.76         37.12         64.02         -26.90           0.258         22.95         0.16         10.75         33.86         61.51         -27.65           0.258         20.37         0.16         10.75         31.28         51.51         -20.23           0.327         14.90         0.18         10.73         25.81         59.53         -33.72           0.389         9.48         0.23         10.72         20.43         48.08         -27.65           3.623         17.58         0.34         10.90         28.82         46.00         -17.18           4.136         19.13         0.34         10.88         30.35         56.00         -25.65           9.705         19.99         0.31         10.93         31.23         50.00         -18.77           23.263         26.14         0.35

#### Notes:

- 1. An initial pre-scan was performed on the line and neutral lines with peak detector.
- 2. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.
- 3. Final Level =Receiver Read level + LISN Factor + Cable Loss.



#### Neutral:



Trace: 19

Site

: CCIS Shielding Room : FCC PART15 B QP LISN NEUTRAL Condition

EUT : Mobile phone Model : CICLON Test Mode : PC mode Power Rating : AC120/60Hz Test Mode

Environment : Temp: 23 °C Huni:56% Atmos:101KPa

Test Engineer: YT

Remark

Freq	Read Level	LISN Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
MHz	dBu∜	d <u>B</u>	dB	dBu₹	dBu∇	dB	
0.158	24.49	0.13	10.78	35.40	55.56	-20.16	Average
0.162	29.03	0.13	10.77	39.93	65.34	-25.41	QP
0.190	27.98	0.14	10.76	38.88	64.02	-25.14	QP
0.258	25.18	0.17	10.75	36.10	61.51	-25.41	QP
0.258	20.11	0.17	10.75	31.03	51.51	-20.48	Average
0.389	8.25	0.23	10.72	19.20	48.08	-28.88	Average
1.296	10.06	0.26	10.90	21.22	46.00	-24.78	Average
2.962	15.09	0.31	10.92	26.32	56.00	-29.68	QP
16.486	21.03	0.27	10.91	32.21	50.00	-17.79	Average
16.573	21.54	0.27	10.91	32.72	60.00	-27.28	QP
23.140	26.70	0.25	10.89	37.84	60.00	-22.16	QP
23.140	23.41	0.25	10.89	34.55	50.00	-15.45	Average
	Freq MHz 0.158 0.162 0.190 0.258 0.258 0.389 1.296 2.962 16.486 16.573 23.140	Read Level  MHz dBuV  0.158 24.49 0.162 29.03 0.190 27.98 0.258 25.18 0.258 20.11 0.389 8.25 1.296 10.06 2.962 15.09 16.486 21.03 16.573 21.54 23.140 26.70	Read LISN Level Factor  MHz dBuV dB  0.158 24.49 0.13 0.162 29.03 0.13 0.190 27.98 0.14 0.258 25.18 0.17 0.258 20.11 0.17 0.389 8.25 0.23 1.296 10.06 0.26 2.962 15.09 0.31 16.486 21.03 0.27 16.573 21.54 0.27 23.140 26.70 0.25	Read LISN Cable Level Factor Loss  MHz dBuV dB dB  0.158 24.49 0.13 10.78 0.162 29.03 0.13 10.77 0.190 27.98 0.14 10.76 0.258 25.18 0.17 10.75 0.258 20.11 0.17 10.75 0.389 8.25 0.23 10.72 1.296 10.06 0.26 10.90 2.962 15.09 0.31 10.92 16.486 21.03 0.27 10.91 16.573 21.54 0.27 10.91 23.140 26.70 0.25 10.89	Read LISN Cable Level Factor	Read LISN Cable   Limit	Read LISN Loss         Level Limit Limit         Over Line Limit           MHz         dBuV         dB         dB         dBuV         dBuV         dB           0.158         24.49         0.13         10.78         35.40         55.56         -20.16           0.162         29.03         0.13         10.77         39.93         65.34         -25.41           0.190         27.98         0.14         10.76         38.88         64.02         -25.14           0.258         25.18         0.17         10.75         36.10         61.51         -25.41           0.258         20.11         0.17         10.75         31.03         51.51         -20.48           0.389         8.25         0.23         10.72         19.20         48.08         -28.88           1.296         10.06         0.26         10.90         21.22         46.00         -24.78           2.962         15.09         0.31         10.92         26.32         56.00         -29.68           16.486         21.03         0.27         10.91         32.71         50.00         -17.79           16.573         21.54         0.27         10.91         32.72         60.

#### Notes:

- 1. An initial pre-scan was performed on the line and neutral lines with peak detector.
- 2. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.
- 3. Final Level =Receiver Read level + LISN Factor + Cable Loss.



# 6.2 Radiated Emission

Test Requirement:	FCC Part15 B S	ection 1	5.109					
Test Method:	ANSI C63.4:201	4						
Test Frequency Range:	30MHz to 6000N	ИНz						
Test site:	Measurement D	istance:	3m (Se	mi-Anechoi	c Char	nber)	)	
Receiver setup:	Frequency Detector RBW VBW Remark							
	30MHz-1GHz Quasi		•	120kHz	300k		Quasi-peak Value	
	Above 1GHz	Pea RM		1MHz 1MHz	3MF 3MF		Peak Value Average Value	
Limit:	Frequenc			(dBuV/m @		12	Remark	
Littit.	30MHz-88M	•	2	40.0	,0111)	(	Quasi-peak Value	
	88MHz-216N			43.5			Quasi-peak Value	
	216MHz-960			46.0			Quasi-peak Value	
	960MHz-1G	Hz		54.0			Quasi-peak Value	
	Above 1GI			54.0			Average Value	
	Above 1Gr	12		74.0			Peak Value	
Test setup:	Below 1GHz  Tum Table  Ground Plane —  Above 1GHz	4m			Antenna Searce Anten RF Test Receiver	th na		
	Horn Antenna Tower  AE  EUT  Ground Reference Plane  Test Receiver  Amplifier  Controller							





Test Procedure:	The EUT was placed on the top of a rotating table 0.8 meters above the groundat a 3 meter semi-anechoic camber. The table was rotated 360 degrees todetermine the position of the highest radiation.      The EUT was placed on the top of a rotating table 0.8 meters above the groundat a 3 meter semi-anechoic camber. The table was rotated 360 degrees todetermine the position of the highest radiation.								
	2. The EUT was set 3 meters away from the interference-receiving antenna, whichwas mounted on the top of a variable-height antenna tower.								
	<ol> <li>The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.</li> </ol>								
	4. For each suspected emission, the EUT was arranged to its worst case and thenthe antenna was tuned to heights from 1 meter to 4 meters and the rotatabletable was turned from 0 degrees to 360 degrees to find the maximum reading.								
	5. The test-receiver system was set to Peak Detect Function and SpecifiedBandwidth with Maximum Hold Mode.								
	6. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.								
Test environment:	Temp.: 25°C Humid.: 55% Press.: 101kPa								
Test Instruments:	Refer to section 5.8 for details								
Test mode:	Refer to section 5.3 for details								
Test results:	Passed								
Remark:	9 KHz to 30 MHz and 6 GHz to 12.4 GHz are too low, so only shows the data of 30 MHz to 6 GHz in this report.								

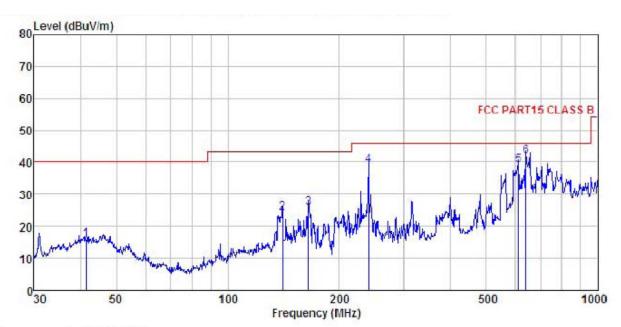




#### **Measurement Data:**

#### **Below 1GHz**

Horizontal:



Site : 3m chamber

Condition : FCC PART15 CLASS B 3m VULB9163(30M3G) HORIZONTAL

EUT : Mobile Phone
Model : CICLON
Test mode : PC mode
Power Rating : AC120V/60Hz

Environment: Temp: 25.5°C Huni: 55% 101KPa

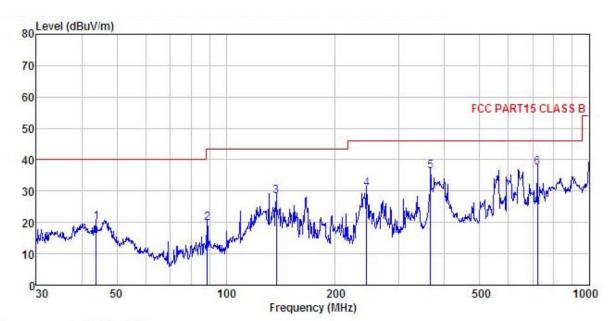
Test Engineer: YT

REMARK :

Freq								Remark	
MHz	dBu∜	<u>dB</u> /m	<u>d</u> B	<u>dB</u>	dBuV/m	dBuV/m	<u>dB</u>		
41.422	27.37	17.12	1.24	29.89	15.84	40.00	-24.16	QP	
140.835	39.54	11.63	2.41	29.27	24.31	43.50	-19.19	QP	
165.487	42.42	9.84	2.62	29.09	25.79	43.50	-17.71	QP	
239.987	53.04	11.80	2.82	28.59	39.07	46.00	-6.93	QP	
609.922									
	MHz 41.422 140.835 165.487 239.987 609.922	MHz dBuV 41.422 27.37 140.835 39.54 165.487 42.42 239.987 53.04 609.922 45.27	MHz dBuV dB/m 41.422 27.37 17.12 140.835 39.54 11.63 165.487 42.42 9.84 239.987 53.04 11.80 609.922 45.27 18.55	Freq Level Factor Loss  MHz dBuV dB/m dB  41.422 27.37 17.12 1.24 140.835 39.54 11.63 2.41 165.487 42.42 9.84 2.62 239.987 53.04 11.80 2.82 609.922 45.27 18.55 3.92	MHz         dBuV         dB/m         dB         dB           41.422         27.37         17.12         1.24         29.89           140.835         39.54         11.63         2.41         29.27           165.487         42.42         9.84         2.62         29.09           239.987         53.04         11.80         2.82         28.59           609.922         45.27         18.55         3.92         28.91	MHz         dBuV         dB/m         dB         dB dBuV/m           41.422         27.37         17.12         1.24         29.89         15.84           140.835         39.54         11.63         2.41         29.27         24.31           165.487         42.42         9.84         2.62         29.09         25.79           239.987         53.04         11.80         2.82         28.59         39.07           609.922         45.27         18.55         3.92         28.91         38.83	MHz         dBuV         dB/m         dB         dB         dB dBuV/m         dBuV/m           41.422         27.37         17.12         1.24         29.89         15.84         40.00           140.835         39.54         11.63         2.41         29.27         24.31         43.50           165.487         42.42         9.84         2.62         29.09         25.79         43.50           239.987         53.04         11.80         2.82         28.59         39.07         46.00           609.922         45.27         18.55         3.92         28.91         38.83         46.00	Freq Level Factor Loss Factor Level Line Limit  MHz dBuV dB/m dB dB dBuV/m dBuV/m dB  41.422 27.37 17.12 1.24 29.89 15.84 40.00 -24.16 140.835 39.54 11.63 2.41 29.27 24.31 43.50 -19.19 165.487 42.42 9.84 2.62 29.09 25.79 43.50 -17.71 239.987 53.04 11.80 2.82 28.59 39.07 46.00 -6.93 609.922 45.27 18.55 3.92 28.91 38.83 46.00 -7.17	Freq Level Factor Loss Factor Level Line Limit Remark  MHz dBuV dB/m dB dB dBuV/m dBuV/m dB  41.422 27.37 17.12 1.24 29.89 15.84 40.00 -24.16 QP  140.835 39.54 11.63 2.41 29.27 24.31 43.50 -19.19 QP  165.487 42.42 9.84 2.62 29.09 25.79 43.50 -17.71 QP  239.987 53.04 11.80 2.82 28.59 39.07 46.00 -6.93 QP



#### Vertical:



Site

: 3m chamber : FCC PART15 CLASS B 3m VULB9163(30M3G) VERTICAL Condition

: Mobile Phone

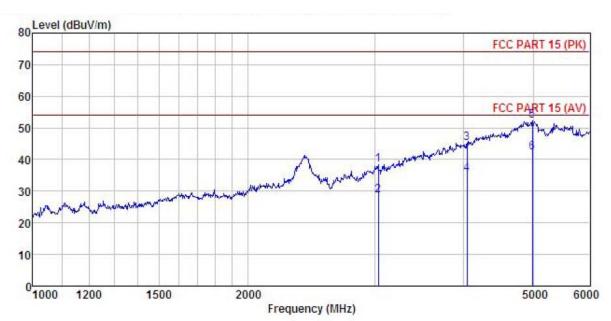
Model : CICLON
Test mode : PC mode
Power Rating : AC120V/60Hz
Environment : Temp:25.5°C Huni:55% 101KPa
Test Engineer: YT
REMARK :

		Read	Antenna	Cable	Preamp		Limit	Over	
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Remark
=	MHz	dBu∜	dB/m	<u>dB</u>	<u>dB</u>	dBuV/m	dBuV/m	<u>dB</u>	
1	43.812	31.03	17.56	1.26	29.87	19.98	40.00	-20.02	QP
2	88.652	39.34	7.98	2.00	29.58	19.74	43.50	-23.76	QP
3	137.420	43.46	11.88	2.37	29.29	28.42	43.50	-15.08	QP
4	244.232	44.58	11.84	2.82	28.57	30.67	46.00	-15.33	QP
5	365.539	47.25	14.72	3.09	28.63	36.43	46.00	-9.57	QP
6	721, 726	42, 14	19.76	4.26	28, 58	37, 58	46,00	-8.42	OP



#### **Above 1GHz**

Horizontal:



Site

: 3m chamber : FCC PART 15 (PK) 3m BBHA9120(1G18) HORIZONTAL Condition

: Mobile Phone

Model : CICLON

Test mode : PC mode

Power Rating : AC120V/60Hz

Environment : Temp: 25.5°C Huni: 55% 101KPa

Test Engineer: YT

REMARK

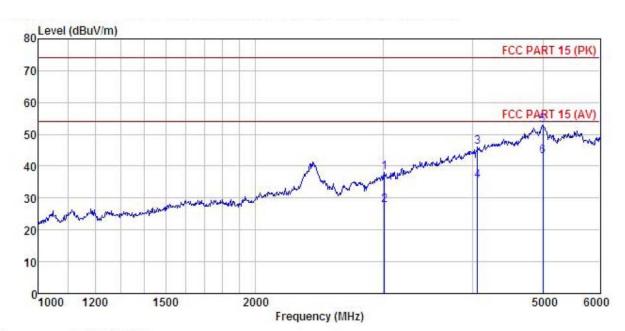
RI

REMAR	К :								
	Freq		Antenna Factor				Limit Line	Over Limit	Remark
	MHz	dBu∜	<u>dB</u> /m	dB	<u>d</u> B	dBuV/m	dBuV/m	<u>dB</u>	
1	3037.743	45.14	25.77	7.89	40.55	38. 25	74.00	-35.75	Peak
2	3037.743	35.61	25.77	7.89	40.55	28.72	54.00	-25.28	Average
3	4043.714	44.16	32.47	9.67	41.10	45.20	74.00	-28.80	Peak
4	4043.714	34.26	32.47	9.67	41.10	35.30	54.00	-18.70	Average
5	4989.431	44.52	36.84	10.76	39.98	52.14	74.00	-21.86	Peak
6	4989.431	34.72	36.84	10.76	39.98	42.34	54.00	-11.66	Average





### Vertical:



Site

: 3m chamber : FCC PART 15 (PK) 3m BBHA9120(1G18) VERTICAL Condition

EUT : Mobile Phone Model : CICLON Test mode : PC mode
Power Rating : AC120V/60Hz
Environment : Temp:25.5°C Huni:55% 101KPa

Test Engineer: YT REMARK :

		ReadAntenna		Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Remark	
-	MHz	dBu₹	<u>dB</u> /m	<u>dB</u>	<u>dB</u>	dBu√/m	dBu√/m	<u>dB</u>		
1	3014.190	44.96	25.68	7.86	40.52	37.98	74.00	-36.02	Peak	
2	3014.190	34.81	25.68	7.86	40.52	27.83	54.00	-26.17	Average	
3	4059.482	44.96	32.58	9.70	41.09			-27.85		
4	4059.482	34.17	32.58	9.70	41.09	35.36	54.00	-18.64	Average	
5	4999.149	45.25	36.90	10.78	39.98	52.95	74.00	-21.05	Peak	
6	4999.149	35.27	36.90	10.78	39.98	42.97	54.00	-11.03	Average	