

# FCC Part 15B **Measurement and Test Report**

# For

# **ECR Solutions Ltd.**

Church House, Church Lane, Kings Langley, Hertfordshire, WD4 8JP, UK.

FCC ID: 2AKGOECRGO2

Test Rule(s): FCC Part 15 Subpart B

**Product Description: Handheld Terminal** 

**Tested Model:** ECRG<sub>0</sub>2

**Report No.:** STR16118031I-7

**Tested Date:** 2016-10-25 to 2016-11-30

**Issued Date:** 2016-12-01

Silin chen Tested By: Lucy Wei / Engineer

Silin Chen / EMC Manager **Reviewed By:** 

Approved & Authorized By: Jandy So / PSQ Manager

**Prepared By:** 

Shenzhen SEM.Test Technology Co., Ltd.

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Note: This test report is limited to the above client company and the product model only. It may not be duplicated without prior permitted by Shenzhen SEM.Test Technology Co., Ltd.



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#### 1. GENERAL INFORMATION

# 1.1 Product Description for Equipment Under Test (EUT)

**Client Information** 

Applicant: ECR Solutions Ltd.

Address of applicant: Church House, Church Lane, Kings Langley, Hertfordshire,

WD4 8JP, UK.

Manufacturer: Maxpad Technolgy Co.,Ltd.

Address of manufacturer: Room B04, 4/F, Bldg R2-B, No.20 Gaoxin Ave 7th, South,

Hi-tech Industrial park, Nanshan, Shenzhen, China

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Note: The test data is gathered from a production sample, provided by the manufacturer. The appearance of others models listed in the report is different from main-test model ECRGo2, but the circuit and the electronic construction do not change, declared by the manufacturer.

Technical Characteristics of EUT			
Rated Voltage:	Main Battery: DC 7.4V , Vice Battery: DC 3.7V		
Rated Current:	/		
Rated Power:	/		
Dawar Adapter Madel	JY-090300		
Power Adapter Model:	Input:100-240V 50/60Hz 1.5A; Output: 9V/3A		
Lowest Internal Frequency:	32.768KHz		
Highest Internal Frequency:	1.84 GHz		

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Model: ECRGo2

#### 1.2 Test Standards

The following report is prepared on behalf of the ECR Solutions Ltd. in accordance with Part 2, Subpart J, and Part 15, Subparts A and B of the Federal Communication Commissions rules.

The objective is to determine compliance with FCC Part 15, Subpart B, and section 15.205, 15.107, and 15.109 rules.

**Maintenance of compliance** is the responsibility of the manufacturer. Any modification of the product, which result in lowering the emission, should be checked to ensure compliance has been maintained.

#### 1.3 Test Methodology

All measurements contained in this report were conducted with ANSI C63.4-2014, American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the range of 9 kHz to 40 GHz.

#### 1.4 Test Facility

#### FCC - Registration No.: 934118

Shenzhen SEM.Test Technology 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 our files and the Registration is 934118.

#### Industry Canada (IC) Registration No.: 11464A

The 3m Semi-anechoic chamber of Shenzhen SEM. Test Technology Co., Ltd. has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 11464A.

#### CNAS Registration No.: L4062

Shenzhen SEM. Test Technology Co., Ltd. is a testing organization accredited by China National Accreditation Service for Conformity Assessment (CNAS) according to ISO/IEC 17025. The accreditation certificate number is L4062. All measurement facilities used to collect the measurement data are located at 1/F, Building A, Hongwei Industrial Park, Liuxian 2<sup>nd</sup> Road, Bao'an District, Shenzhen, P.R.C (518101).



# **1.5 EUT Setup and Operation Mode**

The equipment under test (EUT) was configured to measure its highest possible emission level. The test modes were adapted according to the operation manual for use, more detailed description as follows:

#### Test Mode List:

Test Mode	Description	Remark
TM1	Charging & Playing	Connected to Charger
TM2	Downloading	Connected to U Disk
TM3	Mcr	Swiping Magnetic stripe card
TM4	Equipment maintenance	Connected to USB-To-RS232
TM5	Printer	/
TM6	Scan	Scan the barcode

#### **EUT Cable List and Details**

Cable Description	Cable Description Length (M)		With Core/Without Core	
/	/ /		/	

# Auxiliary Equipment List and Details

Description	Manufacturer	Model	Serial Number
U disk	/	SONY Coro	/
SD	/	HCI	/

Special Cable List and Details

Cable Description Length (M)		Shielded/Unshielded	With Core/Without Core	
OTG Cable	0.4	Shielded	Without Ferrite	

# 1.6 Measurement Uncertainty

Measurement uncertainty				
Parameter	Conditions	Uncertainty		
Conducted Emissions	Conducted	$\pm 2.88$ dB		
Transmitter Spurious Emissions	Radiated	±5.1dB		

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# 1.7 Test Equipment List and Details

No.	Description	Manufacturer	Model	Serial No.	Cal Date	<b>Due Date</b>
SEMT-1072	Spectrum Analyzer	Agilent	E4407B	MY41440400	2016-06-04	2017-06-03
SEMT-1031	Spectrum Analyzer	Rohde & Schwarz	FSP30	836079/035	2016-06-04	2017-06-03
SEMT-1007	EMI Test Receiver	Rohde & Schwarz	ESVB	825471/005	2016-06-04	2017-06-03
SEMT-1008	Amplifier	Agilent	8447F	3113A06717	2016-06-04	2017-06-03
SEMT-1043	Amplifier	C&D	PAP-1G18	2002	2016-06-04	2017-06-03
SEMT-1011	Broadband Antenna	Schwarz beck	VULB9163	9163-333	2016-06-04	2017-06-03
SEMT-1042	Horn Antenna	ETS	3117	00086197	2016-06-04	2017-06-03
SEMT-1121	Horn Antenna	ETS	3116B	00088203	2016-06-04	2017-06-03
SEMT-1069	Loop Antenna	Schwarz beck	FMZB 1516	9773	2016-06-04	2017-06-03
SEMT-1001	EMI Test Receiver	Rohde & Schwarz	ESPI	101611	2016-06-04	2017-06-03
SEMT-1003	L.I.S.N	Schwarz beck	NSLK8126	8126-224	2016-06-04	2017-06-03
SEMT-1002	Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100911	2016-06-04	2017-06-03



# 2. SUMMARY OF TEST RESULTS

FCC Rules	Description of Test Item	Result
§ 15.107 (a)	Conducted Emissions	Compliant
§ 15.109 (a)	Radiated Emissions	Compliant

N/A: not applicable

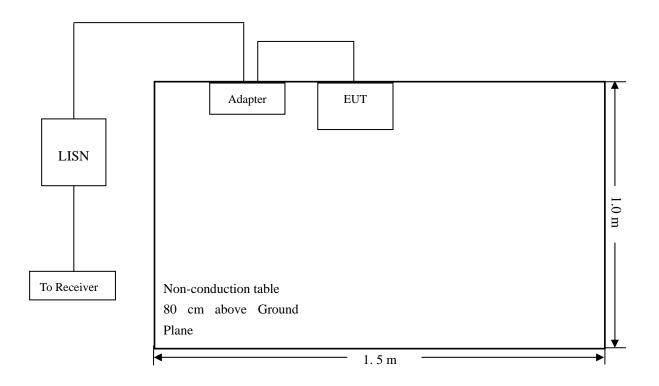


# 3. Conducted Emissions

#### **3.1 Test Procedure**

Test is conducting under the description of ANSI C63.4-2014, American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the range of 9 kHz to 40 GHz.

# 3.2 Basic Test Setup Block Diagram



# 3.3 Environmental Conditions

Temperature:	23 °C
Relative Humidity:	52%
ATM Pressure:	1011 mbar

# 3.4 Summary of Test Results/Plots

According to the data in section 3.5, the EUT <u>complied with the FCC Part 15.107(a)</u> Conducted margin for a Class B device, with the *worst* margin reading of:

**-12.86 dB** at **0.1819 MHz** in the **Neutral**, **QP** detector, 0.15-30MHz



# 3.5 Conducted Emissions Test Data

# **Plot of Conducted Emissions Test Data**

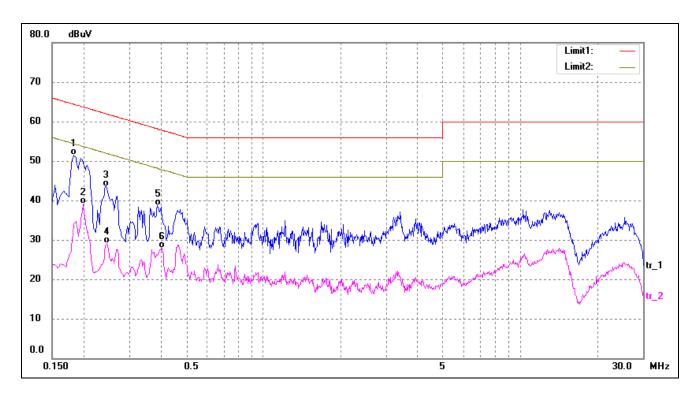
EUT: Handheld Terminal

Tested Model: ECRGo2

Operating Condition: TM1 (Worst case)

Comment: AC 120V/60Hz; Adapter DC 9V

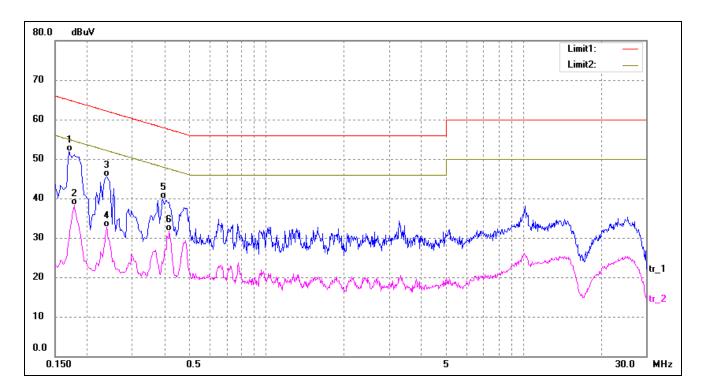
Test Specification: Neutral



No.	Frequency	Reading	Correct	Result	Limit	Margin	Detector
	(MHz)	(dBuV)	(dB/m)	(dBuV)	(dBuV)	(dB)	
1*	0.1819	41.71	9.82	51.53	64.39	-12.86	QP
2	0.1980	29.22	9.80	39.02	53.69	-14.67	AVG
3	0.2420	33.78	9.80	43.58	62.02	-18.44	QP
4	0.2460	19.29	9.80	29.09	51.89	-22.80	AVG
5	0.3860	28.93	9.80	38.73	58.15	-19.42	QP
6	0.4020	18.11	9.80	27.91	47.81	-19.90	AVG



Test Specification: Line



No.	Frequency	Reading	Correct	Result	Limit	Margin	Detector
	(MHz)	(dBuV)	(dB/m)	(dBuV)	(dBuV)	(dB)	
1*	0.1700	42.12	9.83	51.95	64.96	-13.01	QP
2	0.1780	28.47	9.82	38.29	54.58	-16.29	AVG
3	0.2380	35.75	9.80	45.55	62.17	-16.62	QP
4	0.2380	22.88	9.80	32.68	52.17	-19.49	AVG
5	0.3940	30.01	9.80	39.81	57.98	-18.17	QP
6	0.4180	21.92	9.80	31.72	47.49	-15.77	AVG

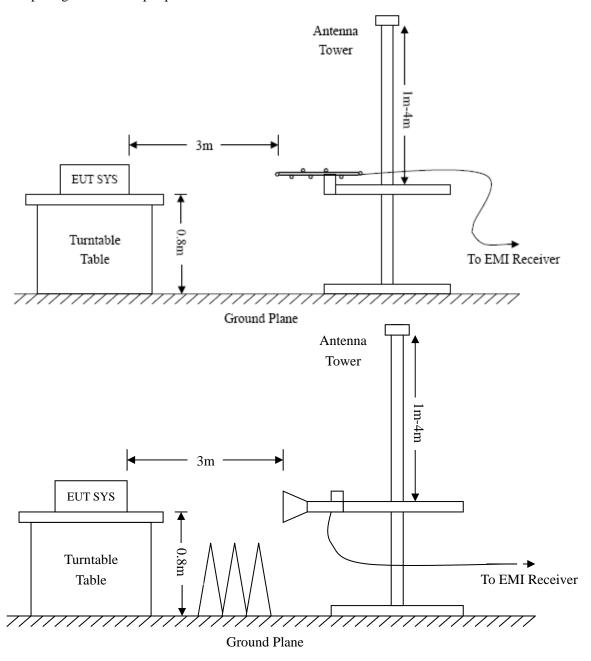


# 4. Radiated Emissions

# **4.1 Test Procedure**

The setup of EUT is according with per ANSI C63.4-2014 measurement procedure. The specification used was with the FCC Part 15.109 Limit.

The external I/O cables were draped along the test table and formed a bundle 30 to 40 cm long in the middle. The spacing between the peripherals was 10 cm.



Model: ECRGo2

#### 4.2 Test Receiver Setup

Frequency :9kHz-30MHz Frequency :30MHz-1GHz Frequency :Above 1GHz

RBW=10KHz, RBW=120KHz, RBW=1MHz,

VBW=30KHz VBW=300KHz VBW=3MHz(Peak), 10Hz(AV)

Sweep time= Auto Sweep time= Auto Sweep time= Auto
Trace = max hold Trace = max hold Trace = max hold

Detector function = peak, QP Detector function = peak, AV

#### 4.3 Corrected Amplitude & Margin Calculation

The Corrected Amplitude is calculated by adding the Antenna Factor and the Cable Factor, and subtracting the Amplifier Gain from the Amplitude reading. The basic equation is as follows:

Corr. Ampl. = Indicated Reading – Corr. Factor

The "Margin" column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of  $-6dB\mu V$  means the emission is  $6dB\mu V$  below the maximum limit for a Class B device. The equation for margin calculation is as follows:

Margin = Corr. Ampl. – FCC Part 15.109(a) Limit

#### **4.4 Environmental Conditions**

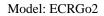
Temperature:	23 °C
Relative Humidity:	55 %
ATM Pressure:	1011 mbar

# 4.5 Summary of Test Results/Plots

According to the data, the EUT complied with the FCC Part 15.109(a) rule, and had the worst margin of:

-0.55 dB at 300.3672 MHz in the Vertical polarization, TM3 Mode, 30MHz to 1 GHz, 3Meters

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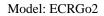
EUT: Handheld Terminal

Tested Model: ECRGo2
Operating Condition: TM1

Comment: AC 120V/60Hz; Adapter DC 9V

Polar	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Detector
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
Н	136.4598	27.17	3.44	30.61	/	/	161	100	Peak
Н	136.4598	25.19	3.44	28.63	43.50	-14.87	161	100	QP
Н	239.1473	36.98	8.87	45.86	/	/	225	100	Peak
Н	239.1473	35.28	8.87	44.15	46.00	-1.85	225	100	QP
Н	300.3673	34.18	11.95	46.13	/	/	349	100	Peak
Н	300.3673	32.46	11.95	44.41	46.00	-1.59	349	100	QP
Н	501.1789	32.64	13.37	46.01	/	/	267	100	Peak
Н	501.1789	30.83	13.37	44.20	46.00	-1.80	267	100	QP
Н	601.4265	23.12	18.66	41.78	/	/	61	100	Peak
Н	601.4265	21.22	18.66	39.88	46.00	-6.12	61	100	QP
Н	701.7610	28.61	17.24	45.85	/	/	151	100	Peak
Н	701.7610	26.84	17.24	44.08	46.00	-1.92	151	100	QP
V	239.1473	30.24	8.87	39.11	/	/	59	100	Peak
V	239.1473	27.67	8.87	36.54	46.00	-9.46	59	100	QP
V	300.3672	34.62	11.95	46.57	/	/	205	100	Peak
V	300.3672	31.75	11.95	43.70	46.00	-2.30	205	100	QP
V	501.1788	30.23	13.37	46.35	/	/	136	100	Peak
V	501.1788	30.23	13.37	43.60	46.00	-2.40	136	100	QP
V	533.8319	33.13	13.83	46.96	/	/	247	100	Peak
V	533.8319	30.50	13.83	44.33	46.00	-1.67	247	100	QP
V	601.4265	27.02	18.66	45.68	/	/	321	100	Peak
V	601.4265	24.46	18.66	43.12	46.00	-2.88	321	100	QP
V	701.7608	29.50	17.24	46.74	/	/	331	100	Peak
V	701.7608	26.82	17.24	44.06	46.00	-1.94	331	100	QP

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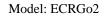
EUT: Handheld Terminal

Tested Model: ECRGo2
Operating Condition: TM2

Comment: Main Battery: DC 7.4V, Vice Battery: DC 3.7V

Polar	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Detector
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
Н	119.8555	39.19	4.82	44.01	/	/	309	100	Peak
Н	119.8555	36.99	4.82	41.81	43.50	-1.69	309	100	QP
Н	239.9874	38.05	8.93	46.98	/	/	123	100	Peak
Н	239.9874	35.46	8.93	44.39	46.00	-1.61	123	100	QP
Н	280.0237	35.71	11.14	46.85	/	/	342	100	Peak
Н	280.0237	33.18	11.14	44.32	46.00	-1.68	342	100	QP
Н	319.9370	35.01	11.95	46.96	/	/	27	100	Peak
Н	319.9370	32.42	11.95	44.37	46.00	-1.63	27	100	QP
Н	360.4476	34.88	11.90	46.78	/	/	71	100	Peak
Н	360.4476	32.56	11.90	44.46	46.00	-1.54	71	100	QP
Н	480.5276	34.22	12.58	46.80	/	/	231	100	Peak
Н	480.5276	31.85	12.58	44.43	46.00	-1.57	231	100	QP
V	119.8556	34.86	4.82	39.68	/	/	301	100	Peak
V	119.8556	32.58	4.82	37.40	43.50	-6.10	301	100	QP
V	280.0237	29.08	11.13	40.21	/	/	225	100	Peak
V	280.0237	27.13	11.13	38.26	46.00	-7.74	225	100	QP
V	300.3673	31.56	11.95	43.51	/	/	39	100	Peak
V	300.3673	29.45	11.95	41.40	46.00	-4.60	39	100	QP
V	319.9370	34.92	11.95	46.87	/	/	227	100	Peak
V	319.9370	32.42	11.95	44.37	46.00	-1.63	227	100	QP
V	533.8319	28.83	13.83	42.66	/	/	91	100	Peak
V	533.8319	26.23	13.83	40.06	46.00	-5.94	91	100	QP
V	601.4265	25.02	18.66	43.68	/	/	131	100	Peak
V	601.4265	23.23	18.66	41.89	46.00	-4.11	131	100	QP

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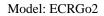
EUT: Handheld Terminal

Tested Model: ECRGo2
Operating Condition: TM3

Comment: Main Battery: DC 7.4V, Vice Battery: DC 3.7V

Polar	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Detector
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
Н	131.2965	28.78	3.88	32.66	/	/	181	100	Peak
Н	131.2965	26.62	3.88	30.50	43.50	-13.00	181	100	QP
Н	216.0240	32.49	6.82	39.31	/	/	205	100	Peak
Н	216.0240	29.99	6.82	36.81	46.00	-9.19	205	100	QP
Н	251.1804	36.84	9.36	46.20	/	/	249	100	Peak
Н	251.1804	33.97	9.36	43.33	46.00	-2.67	249	100	QP
Н	300.3672	34.18	11.95	46.13	/	/	320	100	Peak
Н	300.3672	31.11	11.95	43.06	46.00	-2.94	320	100	QP
Н	601.4265	26.97	18.66	45.63	/	/	103	100	Peak
Н	601.4265	23.47	18.66	42.13	46.00	-3.87	103	100	QP
Н	701.7610	29.58	17.24	46.82	/	/	131	100	Peak
Н	701.7610	26.60	17.24	43.84	46.00	-2.16	131	100	QP
V	129.4677	25.28	4.03	29.31	/	/	221	100	Peak
V	129.4677	22.56	4.03	26.59	43.50	-16.91	221	100	QP
V	249.4250	27.28	9.29	36.57	/	/	195	100	Peak
V	249.4250	25.04	9.29	34.33	46.00	-11.67	195	100	QP
V	300.3672	35.94	11.95	47.89	/	/	39	100	Peak
V	300.3672	33.50	11.95	45.45	46.00	-0.55	39	100	QP
V	501.1790	29.18	13.37	42.55	/	/	122	100	Peak
V	501.1790	26.66	13.37	40.03	46.00	-5.97	122	100	QP
V	601.4265	27.45	18.66	46.11	/	/	307	100	Peak
V	601.4265	25.09	18.66	43.75	46.00	-2.25	307	100	QP
V	701.7610	25.45	17.24	42.69	/	/	101	100	Peak
V	701.7610	23.01	17.24	40.25	46.00	-5.75	101	100	QP

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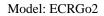
EUT: Handheld Terminal

Tested Model: ECRGo2
Operating Condition: TM4

Comment: Main Battery: DC 7.4V, Vice Battery: DC 3.7V

Polar	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Detector
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
Н	105.2718	28.96	4.89	33.85	/	/	111	100	Peak
Н	105.2718	26.45	4.89	31.34	43.50	-12.16	111	100	QP
Н	206.3976	38.51	4.75	43.26	/	/	165	100	Peak
Н	206.3976	35.97	4.75	40.72	43.50	-2.78	165	100	QP
Н	245.9509	34.18	9.16	43.34	/	/	235	100	Peak
Н	245.9509	32.68	9.16	41.84	46.00	-4.16	235	100	QP
Н	300.3672	28.31	11.95	44.63	/	/	129	100	Peak
Н	300.3672	30.75	11.95	42.70	46.00	-3.30	129	100	QP
Н	533.8321	28.31	13.83	42.14	/	/	103	100	Peak
Н	533.8321	26.12	13.83	39.95	46.00	-6.05	103	100	QP
Н	701.7610	28.28	17.24	45.52	/	/	331	100	Peak
Н	701.7610	26.03	17.24	43.27	46.00	-2.73	331	100	QP
V	249.4250	27.06	9.29	36.35	/	/	39	100	Peak
V	249.4250	24.59	9.29	33.88	46.00	-12.12	39	100	QP
V	300.3673	34.98	11.95	46.93	/	/	295	100	Peak
V	300.3673	32.33	11.95	44.28	46.00	-1.72	295	100	QP
V	533.8321	30.80	13.83	44.63	/	/	134	100	Peak
V	533.8321	29.08	13.83	42.91	46.00	-3.09	134	100	QP
V	601.4265	24.97	18.66	43.63	/	/	217	100	Peak
V	601.4265	24.18	18.66	42.84	46.00	-3.16	217	100	QP
V	701.7610	27.12	17.24	44.36	/	/	301	100	Peak
V	701.7610	25.20	17.24	42.44	46.00	-3.56	301	100	QP
V	801.7863	26.72	16.26	42.98	/	/	251	100	Peak
V	801.7863	24.31	16.26	40.57	46.00	-5.43	251	100	QP

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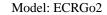
EUT: Handheld Terminal

Tested Model: ECRGo2
Operating Condition: TM5

Comment: Main Battery: DC 7.4V, Vice Battery: DC 3.7V

Polar	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Detector
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
Н	122.8340	30.94	4.59	35.53	/	/	91	100	Peak
Н	122.8340	28.68	4.59	33.27	43.50	-10.23	91	100	QP
Н	251.1802	35.10	9.36	46.46	/	/	105	100	Peak
Н	251.1802	34.72	9.36	44.08	46.00	-1.92	105	100	QP
Н	300.3673	33.94	11.95	45.89	/	/	231	100	Peak
Н	300.3673	31.58	11.95	43.53	46.00	-2.47	231	100	QP
Н	501.1788	27.24	13.37	40.61	/	/	327	100	Peak
Н	501.1788	25.46	13.37	38.83	46.00	-7.17	327	100	QP
Н	601.4265	21.87	18.66	40.53	/	/	119	100	Peak
Н	601.4265	20.74	18.66	39.40	46.00	-6.60	119	100	QP
Н	701.7608	28.44	17.24	45.68	/	/	35	100	Peak
Н	701.7608	25.88	17.24	43.12	46.00	-2.88	35	100	QP
V	131.2965	31.90	3.88	35.78	/	/	101	100	Peak
V	131.2965	29.38	3.88	33.26	43.50	-10.24	101	100	QP
V	262.8955	28.74	9.90	38.64	/	/	227	100	Peak
V	262.8955	26.14	9.90	36.04	46.00	-9.96	227	100	QP
V	300.3672	32.31	11.95	44.26	/	/	139	100	Peak
V	300.3672	30.53	11.95	42.48	46.00	-3.52	139	100	QP
V	533.8321	28.56	13.83	42.39	/	/	27	100	Peak
V	533.8321	26.20	13.83	40.03	46.00	-5.97	27	100	QP
V	601.4265	27.37	18.66	46.03	/	/	311	100	Peak
V	601.4265	24.54	18.66	43.20	46.00	-2.80	311	100	QP
V	701.7610	25.64	17.24	42.88	/	/	230	100	Peak
V	701.7610	23.68	17.24	40.92	46.00	-5.08	230	100	QP

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EUT: Handheld Terminal

Tested Model: ECRGo2
Operating Condition: TM6

Comment: Main Battery: DC 7.4V, Vice Battery: DC 3.7V

Polar	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Detector
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
Н	131.2965	29.66	3.88	33.54	/	/	114	100	Peak
Н	131.2965	27.43	3.88	31.31	43.50	-12.19	114	100	QP
Н	159.7844	30.7	2.41	33.11	/	/	205	100	Peak
Н	159.7844	28.45	2.41	30.86	43.50	-12.64	205	100	QP
Н	274.1939	28.91	10.72	39.63	/	/	39	100	Peak
Н	274.1939	26.47	10.72	37.19	46.00	-8.81	39	100	QP
Н	300.3673	33.01	11.95	44.96	/	/	124	100	Peak
Н	300.3673	30.78	11.95	42.73	46.00	-3.27	124	100	QP
Н	501.1790	24.51	13.37	37.88	/	/	341	100	Peak
Н	501.1790	22.08	13.37	35.45	46.00	-10.55	341	100	QP
Н	701.7610	25.39	17.24	42.63	/	/	231	100	Peak
Н	701.7610	23.03	17.24	40.27	46.00	-5.73	231	100	QP
V	40.8446	25.71	4.93	30.64	/	/	191	100	Peak
V	40.8446	23.85	4.93	28.78	40.00	-11.22	191	100	QP
V	64.2075	31.51	4.16	35.67	/	/	25	100	Peak
V	64.2075	29.20	4.16	33.36	40.00	-6.64	25	100	QP
V	300.3673	34.26	11.95	46.21	/	/	309	100	Peak
V	300.3673	31.28	11.95	43.23	46.00	-2.77	309	100	QP
V	501.1790	31.66	13.37	45.03	/	/	227	100	Peak
V	501.1790	29.24	13.37	42.61	46.00	-3.39	227	100	QP
V	601.4265	26.36	18.66	45.02	/	/	161	100	Peak
V	601.4265	24.75	18.66	43.41	46.00	-2.59	161	100	QP
V	701.7610	29.38	17.24	46.62	/	/	351	100	Peak
V	701.7610	26.33	17.24	43.57	46.00	-2.43	351	100	QP

Note: Testing is carried out with frequency rang 30MHz to the 12.75GHz, which above 12.75GHz are attenuated more than 20 dB below the permissible value and are not showed in the test report.

\*\*\*\*\* END OF REPORT \*\*\*\*\*

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