FCC PART 22H, PART 24E

TEST REPORT

For

DDM Brands LLC

1616 NW, 84TH Ave. Miami, Florida, U.S.A

FCC ID: A4JGO80

Report Type:	Product Type:
Class II Permissive Change	2G mobile phone

Test Engineer:	Candy Li
Report Number:	RSZ140207001-00CA1
Report Date:	2014-02-14
Reviewed By:	Jimmy Xiao RF Engineer
Prepared By:	Bay Area Compliance Laboratories Corp. (Shenzhen) 6/F, the 3rd Phase of WanLi Industrial Building ShiHua Road, FuTian Free Trade Zone Shenzhen, Guangdong, China Tel: +86-755-33320018 Fax: +86-755-33320008 www.baclcorp.com.cn

TABLE OF CONTENTS

GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

The *DDM Brands LLC*'s product, model number: *EXCLUSIVE Z10 (FCC ID: A4JGO80)* or the "EUT" in this report was a *2G mobile phone*, which was measured approximately: 11.31 cm (L) x 5.55 cm (W) x 1.45 cm (H), rated with input voltage: DC 3.7 V rechargeable Li-ion battery.

**All measurement and test data in this report was gathered from production sample serial number: 1401126 (Assigned by the applicant). The EUT supplied by the applicant was received on 2014-02-07.*

Objective

This test report is prepared on behalf of *DDM Brands LLC* in accordance with Part 2-Subpart J, Part 22-Subpart H and Part 24-Subpart E of the Federal Communication Commissions rules.

The objective is to determine the compliance of the EUT with FCC rules for output power, modulation characteristic, occupied bandwidth, and spurious emission at antenna terminal, spurious radiated emission, frequency stability and band edge.

This is a class II permissive change basing on the original report RSZ140103002-00C with FCC ID: A4JGO80, the changes between the original device and the current one as below:

1) Changing the model name: the original one is GO 80, the current one is EXCLUSIVE Z10.

2) Changing the color and logo on product appearance, and also the product size. The original one is black with logo "NIU", the current one is black body and silver keyboard with logo "yezz".

3) Changing the GSM antenna shape and size.

4) Changing the adapter and battery label.

For the changes above, we just performed the items "Field Strength of Spurious Radiation" and "RF Output Power", and the other test items can be referred to the original report RSZ140103002-00C with FCC ID: A4JGO80 granted on 2014-02-03.

Related Submittal(s)/Grant(s)

FCC Part 15.247 DSS and Part 15B JBP submissions with FCC ID: A4JGO80.

Test Methodology

All tests and measurements indicated in this document were performed in accordance with the Code of Federal Regulations Title 47 Part 2-Subpart J as well as the following parts:

Part 22 Subpart H - Public Mobile Services
Part 24 Subpart E - Personal Communication Services

Applicable Standards: TIA/EIA 603-D, ANSI C63.4-2009.

All radiated and conducted emissions measurements were performed at Bay Area Compliance Laboratories Corp. The radiated testing was performed at an antenna-to-EUT distance of 3 meters.

Measurement uncertainty with radiated emission is 5.91 dB for 30MHz-1GHz.and 4.92 dB for above 1GHz, 1.95dB for conducted measurement.

Test Facility

The test site used by Bay Area Compliance Laboratories Corp.(Shenzhen) to collect test data is located on the 6/F, the 3rd Phase of WanLi Industrial Building, ShiHua Road, FuTian Free Trade Zone Shenzhen, Guangdong, China.

Test site at Bay Area Compliance Laboratories Corp. (Shenzhen) has been fully described in reports submitted to the Federal Communication Commission (FCC). The details of these reports have been found to be in compliance with the requirements of Section 2.948 of the FCC Rules on December 06, 2010. The facility also complies with the radiated and AC line conducted test site criteria set forth in ANSI C63.4-2009.

The Federal Communications Commission has the reports on file and is listed under FCC Registration No.: 382179. The test site has been approved by the FCC for public use and is listed in the FCC Public Access Link (PAL) database.

SUMMARY OF TEST RESULTS

FCC Rules	Description of Test	Result
§1.1307, §2.1093	RF Exposure (SAR)	Compliance*
§2.1046; § 22.913 (a); § 24.232 (c)	RF Output Power	Compliance
§ 2.1047	Modulation Characteristics	Not Applicable
§ 2.1049; § 22.905 § 22.917; § 24.238	Bandwidth	Compliance**
§ 2.1051, § 22.917 (a); § 24.238 (a)	Spurious Emissions at Antenna Terminal	Compliance**
§ 2.1053 § 22.917 (a); § 24.238 (a)	Field Strength of Spurious Radiation	Compliance
§ 22.917 (a); § 24.238 (a)	Out of band emission, Band Edge	Compliance**
§ 2.1055 § 22.355; § 24.235	Frequency stability vs. temperature Frequency stability vs. voltage	Compliance**

Note: Compliance *: please refer to SAR report released by BACL, report number: RSZ140207001-20A1.
Compliance**: The test data were referred to the original test report RSZ140103002-00B with FCC ID: A4JGO80, which was granted on 2014-02-03.

FCC § 2.1046, § 22.913 (a) & § 24.232 (c) - RF OUTPUT POWER

Applicable Standard

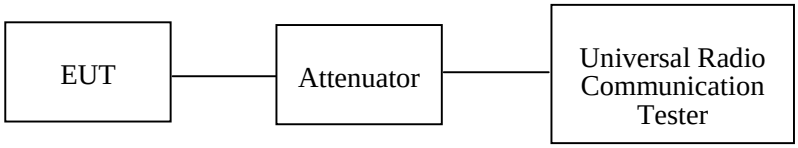
According to FCC §2.1046 and §22.913 (a), the ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

According to FCC §2.1046 and §24.232 (C), mobile and portable stations are limited to 2 watts EIRP and the equipment must employ a means for limiting power to the minimum necessary for successful communications..

Test Procedure

Conducted method:

The RF output of the transmitter was connected to the wireless test set and the spectrum analyzer through sufficient attenuation.



Radiated method:

TIA 603-D section 2.2.17

Test Equipment List and Details

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Sunol Sciences	Horn Antenna	DRH-118	A052304	2011-12-01	2014-11-30
Rohde & Schwarz	Signal Analyzer	FSIQ26	8386001028	2013-11-12	2014-11-12
Rohde & Schwarz	EMI Test Receiver	ESCI	101122	2013-09-17	2014-09-17
Sunol Sciences	Broadband Antenna	JB1	A040904-2	2011-11-28	2014-11-27
HP	Signal Generator	8341B	2624A00116	2013-05-09	2014-05-09
COM POWER	Dipole Antenna	AD-100	041000	NCR	NCR
A.H. System	Horn Antenna	SAS-200/571	135	2012-02-11	2015-02-10
Rohde & Schwarz	Universal Radio Communication Tester	CMU200	106891	2013-11-23	2014-11-23

*** Statement of Traceability:** Bay Area Compliance Laboratories Corp. (Shenzhen) attests that all calibrations have been performed in accordance to requirements that traceable to National Primary Standards and International System of Units (SI).

Test Data

Environmental Conditions

Temperature:	16 ℃
Relative Humidity:	56 %
ATM Pressure:	101.0 kPa

The testing was performed by Candy Li on 2014-02-10.

Radiated Power (Measured at Max. conducted power channel)

ERP & EIRP

GSM Mode:

Frequency (MHz)	Receiver Reading (dBμV)	TurnTable Angle Degree	Rx Antenna		Substituted			Absolute Level (dBm)	FCC Part 22H/24E	
			Height (m)	Polar (H/V)	S.G. Level (dBm)	Cable loss (dB)	Antenna Gain (dB)		Limit (dBm)	Margin (dB)
ERP for Cellular Band (Part 22H), Low Channel										
824.2	94.81	286	1.6	H	24.2	0.69	0	23.51	38.45	14.94
824.2	101.29	62	1.5	V	30.7	0.69	0	30.01	38.45	8.44
EIRP for PCS Band (Part 24E), Low Channel										
1850.2	85.53	343	2.1	H	13.3	1.03	9.40	21.67	33	11.33
1850.2	91.70	154	1.1	V	19.6	1.03	9.40	27.97	33	5.03

Note: all above data were tested with no amplifier.
The Conducted Power please refer to the original report RSZ140103002-00C.

FCC §2.1053, §22.917 & §24.238 - SPURIOUS RADIATED EMISSIONS

Applicable Standard

FCC § 2.1053, §22.917 and § 24.238.

Test Procedure

The transmitter was placed on a wooden turntable, and it was transmitting into a non-radiating load which was also placed on the turntable.

The measurement antenna was placed at a distance of 3 meters from the EUT. During the tests, the receiving antenna height and polarization as well as EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. The test was performed by placing the EUT on 3-orthogonal axis.

The frequency range up to tenth harmonic of the fundamental frequency was investigated.

Remove the EUT and replace it with substitution antenna. A signal generator was connected to the substitution antenna by a non-radiating cable. The absolute levels of the spurious emissions were measured by the substitution.

Spurious emissions in dB = 10 lg (TXpwr in Watts/0.001) – the absolute level

Spurious attenuation limit in dB = 43 + 10 Log_{10} (power out in Watts)

Test Equipment List and Details

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Sunol Sciences	Horn Antenna	DRH-118	A052304	2011-12-01	2014-11-30
Sunol Sciences	Broadband Antenna	JB1	A040904-2	2011-11-28	2014-11-27
Rohde & Schwarz	Signal Analyzer	FSIQ26	8386001028	2013-11-12	2014-11-12
Rohde & Schwarz	EMI Test Receiver	ESCI	101122	2013-09-17	2014-09-17
Mini	Pre-amplifier	ZVA-183-S+	5969001149	2013-04-03	2014-04-03
HP	Amplifier	8447E	1937A01046	2013-09-30	2014-09-30
HP	Signal Generator	8341B	2624A00116	2013-05-09	2014-05-09
COM POWER	Dipole Antenna	AD-100	041000	NCR	NCR
A.H. System	Horn Antenna	SAS-200/571	135	2012-02-11	2015-02-10
Electro-Mechanics	Horn Antenna	3116	9510-2270	2013-10-14	2016-10-13
Rohde & Schwarz	Universal Radio Communication Tester	CMU200	106891	2013-11-23	2014-11-23

*** Statement of Traceability:** Bay Area Compliance Laboratories Corp. (Shenzhen) attests that all calibrations have been performed in accordance to requirements that traceable to National Primary Standards and International System of Units (SI).

Test Data

Environmental Conditions

Temperature:	16 ℃
Relative Humidity:	56 %
ATM Pressure:	101.0 kPa

The testing was performed by Candy Li on 2014-02-10.

EUT operation mode: Transmitting (worst case)

30 MHz ~ 10 GHz:

Cellular Band (Part 22H)

Frequency (MHz)	Receiver Reading (dBμV)	Turntable Angle Degree	Rx Antenna		Substituted			Absolute Level (dBm)	FCC Part 22H	
			Height (m)	Polar (H/V)	SG Level (dBm)	Cable Loss (dB)	Antenna Gain (dB)		Limit (dBm)	Margin (dB)
GSM Mode, Low channel										
186.3	26.70	4	2.1	H	-70.3	0.29	0	-70.59	-13	57.59
186.3	27.11	207	1.8	V	-69.9	0.29	0	-70.19	-13	57.19
1648.4	62.83	172	1.5	H	-40.8	0.95	9.40	-32.35	-13	19.35
1648.4	64.94	76	2.5	V	-37.1	0.95	9.40	-28.65	-13	15.65
2472.6	41.18	169	1.3	H	-59.5	1.46	10.70	-50.26	-13	37.26
2472.6	41.71	228	1.0	V	-54.7	1.46	10.70	-45.46	-13	32.46
3296.8	39.29	27	1.7	H	-55.1	2.08	10.80	-46.38	-13	33.38
3296.8	39.46	70	1.0	V	-54.1	2.08	10.80	-45.38	-13	32.38

30 MHz ~ 20 GHz:

PCS Band (Part 24E)

Frequency (MHz)	Receiver Reading (dBμV)	Turntable Angle Degree	Rx Antenna		Substituted			Absolute Level (dBm)	FCC Part 24E	
			Height (m)	Polar (H/V)	SG Level (dBm)	Cable Loss (dB)	Antenna Gain (dB)		Limit (dBm)	Margin (dB)
GSM Mode, Low channel										
186.3	26.55	223	1.5	H	-70.4	0.29	0	-70.69	-13	57.69
186.3	26.99	18	2.3	V	-70.0	0.29	0	-70.29	-13	57.29
3700.4	52.74	258	1.4	H	-44.5	2.59	10.40	-36.69	-13	23.69
3700.4	53.83	291	1.8	V	-42.7	2.59	10.40	-34.89	-13	21.89

Note:
1) Absolute Level = SG Level - Cable loss + Antenna Gain
2) Margin = Limit- Absolute Level

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