



TESTING LABORATORY
CERTIFICATE#4323.01



FCC PART 22H, PART 24E MEASUREMENT AND TEST REPORT

For

Shanghai Rising Digital Co., Ltd.

No 318, Chuanda Road, Pudong New District, Shanghai, China

FCC ID: 2AJONSECD-10IA-03

Report Type: Original Report	Product Type: SECD-10IA-03(S) display screen
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Report Number: RSHA171213002-00B	
Report Date: 2018-02-12	
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GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

Applicant	Shanghai Rising Digital Co., Ltd.
Tested Model	SECD-10IA-03 (S)
Product Type	SECD-10IA-03 (S) display screen
Dimension	272.0 mm(L)*216.0 mm(W)*59.9mm(H)
Power Supply	DC 24V

**All measurement and test data in this report was gathered from production sample serial number: 20171213002.
(Assigned by the BACL. The EUT supplied by the applicant was received on 2017-12-13)*

Objective

This type approval report is prepared on behalf of Shanghai Rising Digital Co., Ltd. in accordance with Part 2, Part 22-Subpart H, Part 24-Subpart E of the Federal Communication Commission's rules.

The objective is to determine the compliance of 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.

Related Submittal(s)/Grant(s)

No Related Submittal(s)/Grant(s).

Test Methodology

All tests and measurements indicated in this document were performed in accordance with the Code of Federal Regulations Title 47 Part 2, Sub-Part 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.

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

Measurement Uncertainty

Item		Uncertainty
RF conducted test with spectrum		0.9dB
RF Output Power with CMU200		0.5dB
Radiated emission	30MHz~1GHz	6.11dB
	1GHz~6GHz	4.45dB
	6GHz~18GHz	5.23dB
	18GHz~40GHz	5.65dB
Occupied Bandwidth		0.5kHz
Temperature		1.0℃
Humidity		6%

Test Facility

The test site used by Bay Area Compliance Laboratories Corp. (Kunshan) to collect test data is located on the No.248 Chenghu Road, Kunshan, Jiangsu province, China.

Bay Area Compliance Laboratories Corp. (Kunshan) Lab is accredited to ISO/IEC 17025 by A2LA (Lab code: 4323.01) and the FCC designation No. CN1185 under the FCC KDB 974614 D01. The facility also complies with the radiated and AC line conducted test site criteria set forth in ANSI C63.4-2014.

SYSTEM TEST CONFIGURATION

Justification

The EUT was configured for testing according to TIA/EIA-603-D.

The final qualification test was performed with the EUT operating at normal mode.

Channel List

Band	Channel		Frequency
GPRS 850	Low	128	824.2
	Middle	190	836.6
	High	251	848.8
GPRS 1900	Low	512	1850.2
	Middle	661	1880.0
	High	810	1909.8

Equipment Modifications

No modifications were made to the EUT.

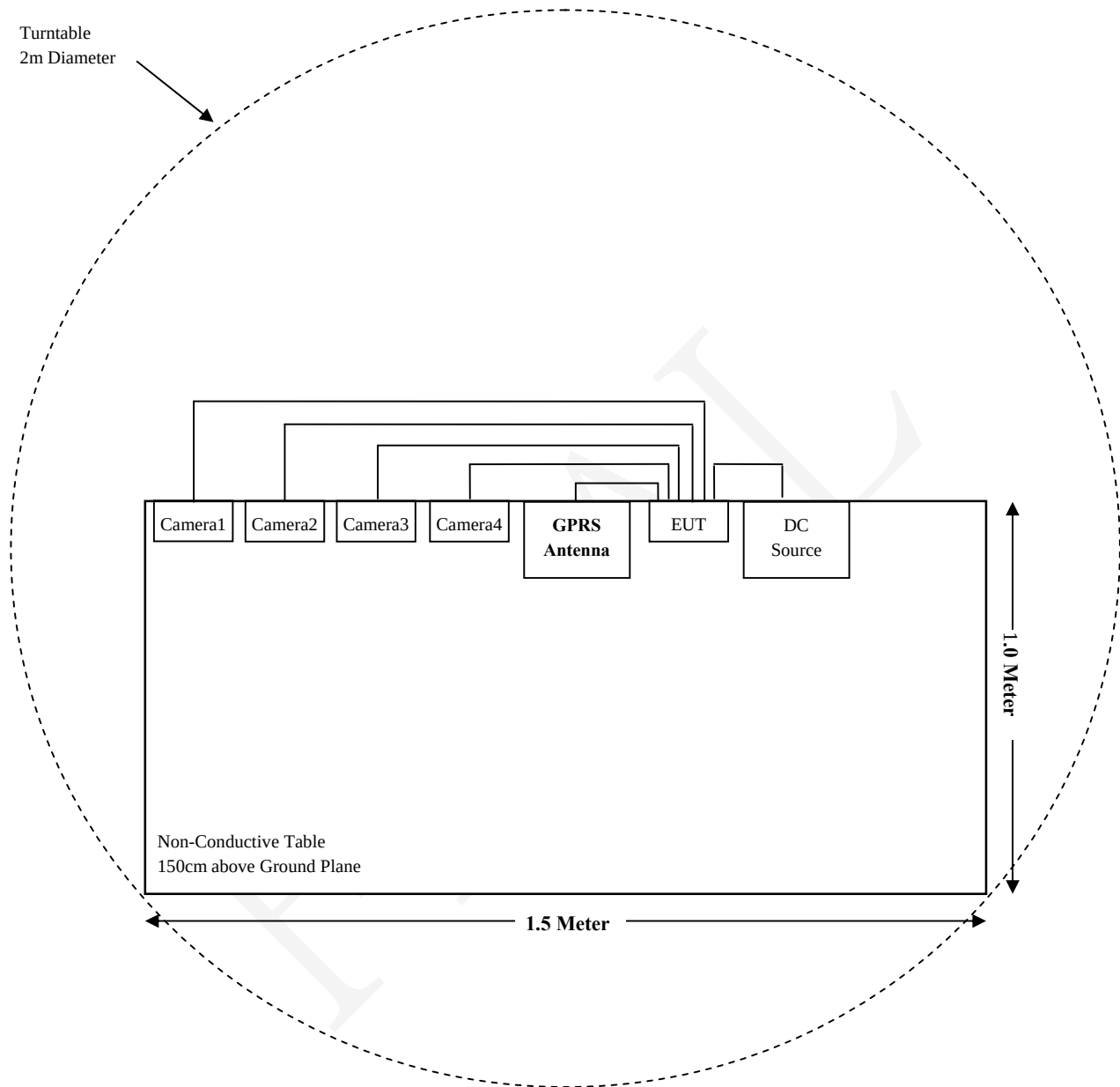
Support Equipment List and Details

Manufacturer	Description	Model	Serial Number
Rohde & Schwarz	UNIVERSAL RADIO COMMUNICATION TESTER	CMU200	110605
Shenzhen Ao Kai Pu	Camera 1	CM111XY	A1707600282
Shenzhen Ao Kai Pu	Camera 2	CM111XY	/
Shenzhen Ao Kai Pu	Camera 3	CM111XY	/
Shenzhen Ao Kai Pu	Camera 4	CM111XY	/
MCH	DC Source	MCH-303D-II	14070562
/	GPRS Antenna	/	/

External I/O Cable

Cable Description	Shielding Type	Length (m)	From Port	To
Power cable	1.0	Adapter	AC Source	Power cable

For Radiated Emissions(Below 1GHz&Above 1GHz):



SUMMARY OF TEST RESULTS

FCC Rules	Description of Test	Result
FCC §1.1307 (b) (1) & §2.1091	Maximum Permissible Exposure (MPE)	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	Occupied Bandwidth	Compliance
§ 2.1051; § 22.917 (a); § 24.238 (a)	Spurious Emissions at Antenna Terminal	Compliance
§ 2.1053; § 22.917 (a); § 24.238 (a)	Spurious Radiated Emissions	Compliance
§ 22.917 (a); § 24.238 (a)	Band Edge	Compliance
§ 2.1055; § 22.355; § 24.235	Frequency Stability	Compliance

TEST EQUIPMENT LIST

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Radiated Emission Test (Chamber 1#)					
Rohde & Schwarz	EMI Test Receiver	ESCI	100195	2017-11-12	2018-11-11
HP	Signal Generator	HP 8341B	2624A00116	2017-08-29	2018-08-28
Sunol Sciences	Broadband Antenna	JB3	A090413-1	2016-12-26	2019-12-25
Sunol Sciences	Broadband Antenna	JB3	A090314-2	2016-01-09	2019-01-08
Sonoma Instrunent	Pre-amplifier	310N	171205	2017-08-15	2018-08-14
Rohde & Schwarz	Auto test Software	EMC32	100361	/	/
MICRO-COAX	Coaxial Cable	Cable-6	006	2017-08-15	2018-08-14
MICRO-COAX	Coaxial Cable	Cable-8	008	2017-08-15	2018-08-14
MICRO-COAX	Coaxial Cable	Cable-9	009	2017-08-15	2018-08-14
MICRO-COAX	Coaxial Cable	Cable-10	010	2017-08-15	2018-08-14
Rohde & Schwarz	UNIVERSAL RADIO COMMUNICATION TESTER	CMU200	110605	2017-11-12	2018-11-11
Radiated Emission Test (Chamber 2#)					
HP	Signal Generator	HP 8341B	2624A00116	2017-08-29	2018-08-28
Rohde & Schwarz	EMI Test Receiver	ESU40	100207	2017-08-27	2018-08-26
ETS-LINDGREN	Horn Antenna	3115	9311-4159	2016-01-11	2019-01-10
ETS-LINDGREN	Horn Antenna	3115	6229	2016-01-11	2019-01-10
ETS-LINDGREN	Horn Antenna	3116	00084159	2016-10-18	2019-10-17
ETS-LINDGREN	Horn Antenna	3116	2516	2016-12-12	2019-12-12
Narda	Pre-amplifier	AFS42-00101800	2001270	2017-12-12	2018-12-11
Heatsink Required	Amplifier	QLW-18405536-J0	15964001009	2017-12-12	2018-12-11
Rohde & Schwarz	Auto test Software	EMC32	100361	/	/
MICRO-COAX	Coaxial Cable	Cable-6	006	2017-08-15	2018-08-14
MICRO-COAX	Coaxial Cable	Cable-11	011	2017-08-15	2018-08-14
MICRO-COAX	Coaxial Cable	Cable-12	012	2017-08-15	2018-08-14
MICRO-COAX	Coaxial Cable	Cable-13	013	2017-08-15	2018-08-14
MICRO-COAX	Coaxial Cable	Cable-16	016	2017-08-15	2018-08-14
Rohde & Schwarz	UNIVERSAL RADIO COMMUNICATION TESTER	CMU200	110605	2017-11-12	2018-11-11

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
RF Conducted Test					
Rohde & Schwarz	Signal Analyzer	FSIQ26	836131/009	2017-09-21	2018-09-20
Rohde & Schwarz	UNIVERSAL RADIO COMMUNICATION TESTER	CMU200	110605	2017-11-12	2018-11-11
BACL	Temperature & Humidity Chamber	BTH-150	30023	2017-10-10	2018-10-09
EAST	Regulated DC Power Supply	MCH-303D-II	14070562	2017-10-10	2018-10-09
Rising Digital	RF Cable	/	/	/	/

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

FCC §1.1307 (b) (1) & §2.1091- MAXIMUM PERMISSIBLE EXPOSURE (MPE)**Applicable Standard**

According to subpart 1.1307 (b)(1), 2.1091 systems operating under the provisions of this section shall be operated in a manner that ensures the public is not exposed to RF energy level in excess of the communication guidelines.

Limits for General Population/Uncontrolled Exposure				
Frequency Range (MHz)	Electric Field Strength (V/m)	Magnetic Field Strength (A/m)	Power Density (mW/cm ²)	Averaging Time (minutes)
0.3-1.34	614	1.63	*(100)	30
1.34-30	824/f	2.19/f	*(180/f ²)	30
30-300	27.5	0.073	0.2	30
300-1500	/		f/1500	30
1500-100,000	/		1.0	30

f = frequency in MHz; * = Plane-wave equivalent power density

Calculated Formulary:

Predication of MPE limit at a given distance

$S = PG/4\pi R^2$ = power density (in appropriate units, e.g. mW/cm²);

P = power input to the antenna (in appropriate units, e.g., mW);

G = power gain of the antenna in the direction of interest relative to an isotropic radiator, the power gain factor, is normally numeric gain;

R = distance to the center of radiation of the antenna (appropriate units, e.g., cm);

Calculated Data:

Calculation maximum antenna gain based on ERP/EIRP

Mode	Max Tune-up power (dBm)	ERP/EIRP Limit (dBm)	Max Antenna Gain (dBi)
GPRS 850	33.50	38.45	4.95
GPRS 1900	31.00	33.00	2.00

Calculation maximum antenna gain based on MPE

Mode	Frequency Range (MHz)	MPE Limit (mW/cm ²)	Tune-up Power Source Based Time Average Power		Evaluation Distance (cm)	Antenna Gain		Power Density (mW/cm ²)
			(dBm)	(mW)		(dBi)	(numeric)	
GPRS 850	824.2-848.8	0.55	26.00	398.11	20	8.45	7.00	0.55
GPRS 1900	1850.2-1909.8	1.00	23.00	199.53	20	14.00	25.12	1.00

Note:

1. Tune-up power:

GPRS 850: 1 slot 33±0.5dBm, 2 slots 31.5±0.5dBm, max average power 26dBm;

GPRS 1900: 1 slot 30.5±0.5dBm, 2slots 28.5±0.5dBm, max average power 23dBm.

Number of Time slot	1	2
Duty Cycle	1:8	1:4
Time based Ave. power compared to slotted Ave. power	-9 dB	-6 dB

Mode	Max Allow Antenna Gain (dBi)
GPRS 850	4.95
GPRS 1900	2.00

Result: To meet RF exposure & ERP/ERIP, the maximum net gain of antennas allowed are 4.95 dBi @ GPRS 850 and 2.00 @ GPRS1900. The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

FCC §2.1047 – MODULATION CHARACTERISTIC

According to FCC § 2.1047(d) , Part 22H & 24E there is no specific requirement for digital modulation, therefore modulation characteristic is not presented.

FINAL

§2.1046; § 22.913 (a);§ 24.232 (c) – RF OUTPUT POWER**Applicable Standards**

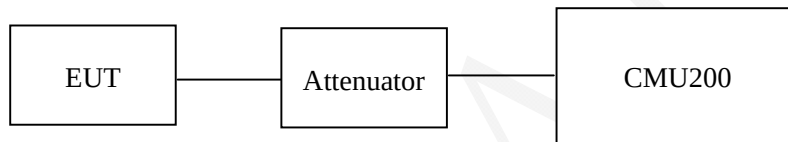
According to FCC §2.1046 and §22.913 (a), the ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 watts (38.45dBm).

According to FCC §2.1046 and §24.232 (c), mobile and portable stations are limited to 2 watts (33dBm) 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 CMU200 through sufficient attenuation.

**Test Data****Environmental Conditions**

Temperature:	23.4 °C
Relative Humidity:	50 %
ATM Pressure:	101.2 kPa

The testing was performed by Max Min on 2017-12-20.

Conducted Power:**GSM 850 Band**

Mode	Channel	Frequency (MHz)	Average Output Power (dBm)		Limit (dBm)
			1 slot	2 slots	
GPRS	128	824.2	32.90	31.26	38.45
	190	836.6	33.14	31.51	38.45
	251	848.8	33.10	31.47	38.45

PCS 1900 Band

Mode	Channel	Frequency (MHz)	Average Output Power (dBm)		Limit (dBm)
			1 slot	2 slots	
GPRS	512	1850.2	30.37	28.61	33
	661	1880.0	30.27	28.53	33
	810	1909.8	30.26	28.54	33

Peak-to-average ratio (PAR):**PCS 1900 Band**

Mode	Channel	PAR (dB)	Limit (dB)
GPRS	Low	2.32	13
	Middle	2.32	13
	High	2.41	13

Radiated Power:

Frequency (MHz)	Receiver Reading (dBμV)	Turntable Angle Degree	Rx Antenna		Substituted			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Height (cm)	Polar (H/V)	Submitted Level (dBm)	Cable loss (dB)	Antenna Gain (dBd/dBi)			
GSM 850 Band, Middle Channel (ERP)										
836.60	94.02	57	182	H	30.33	0.63	-1.14	28.56	38.45	9.89
836.60	99.70	245	173	V	32.55	0.63	-1.14	30.78	38.45	7.67
PCS 1900 Band, Middle Channel (EIRP)										
1880.00	89.25	228	170	H	18.21	0.85	8.81	26.17	33.00	12.83
1880.00	91.55	134	187	V	20.20	0.85	8.81	28.16	33.00	10.84

Note:

All above data were tested with no amplifier.

Absolute Level = Submitted Level - Cable loss + Antenna Gain

Margin = Limit- Absolute Level

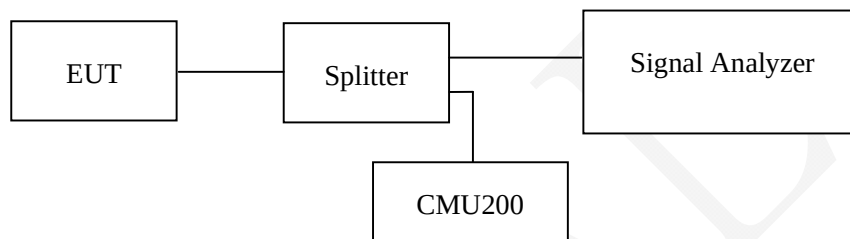
FCC §2.1049, §22.917, §22.905 & §24.238 – OCCUPIED BANDWIDTH**Applicable Standards**

FCC 47 §2.1049, §22.917, §22.905 and §24.238.

Test Procedure

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

The resolution bandwidth of the spectrum analyzer was set at 5 kHz (Cellular /PCS) and the 26 dB & 99% bandwidth was recorded.

**Test Data****Environmental Conditions**

Temperature:	23.4 °C
Relative Humidity:	50 %
ATM Pressure:	101.2 kPa

The testing was performed by Max Min on 2017-12-20.

EUT operation mode: Transmitting

Test Result: Compliant.

GSM 850 Band

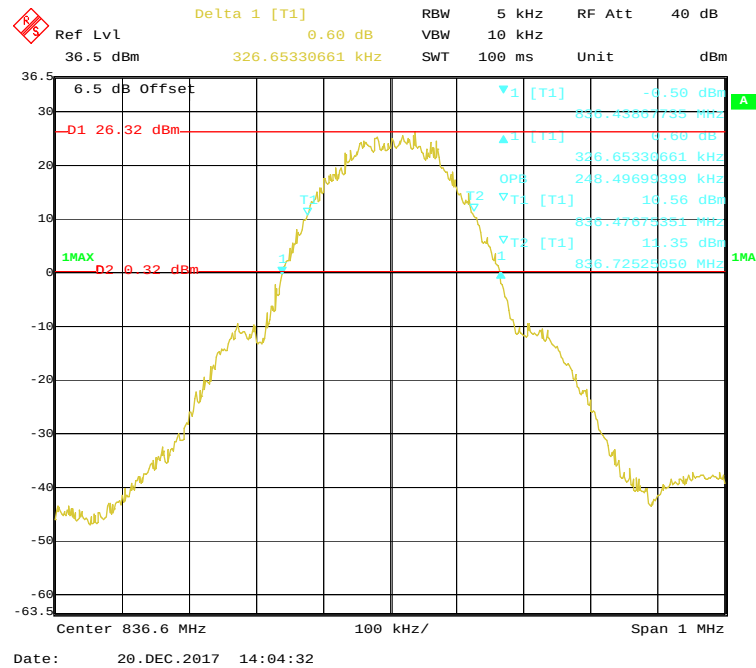
Mode	Frequency (MHz)	26 dB Emission Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
GPRS	836.6	0.327	0.248

PCS 1900Band

Mode	Frequency (MHz)	26 dB Emission Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
GPRS	1880.0	0.323	0.246

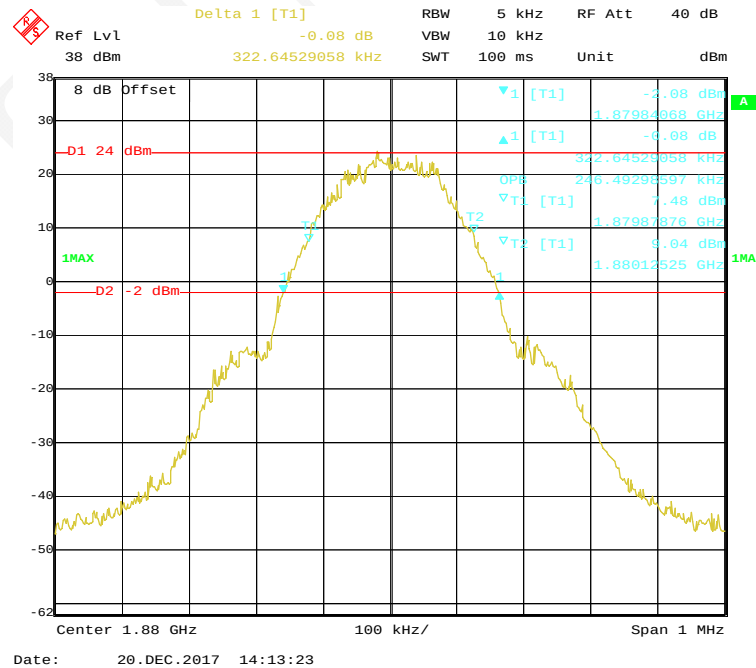
GSM 850 Band

99% Occupied & 26 dB Emissions Bandwidth for GPRS Mode



PCS 1900Band

99% Occupied & 26 dB Emissions Bandwidth for GPRS Mode



§ 2.1051; § 22.917 (a); § 24.238 (a) – SPURIOUS EMISSIONS AT ANTENNA TERMINALS

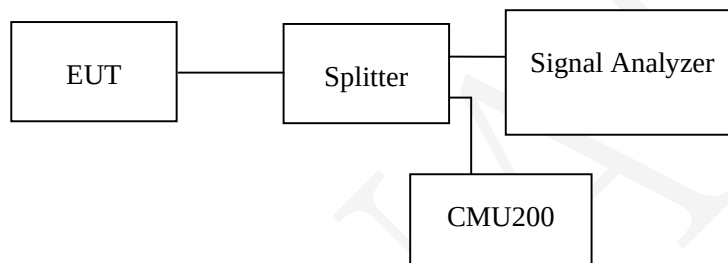
Applicable Standards

FCC §2.1051, §22.917(a) and §24.238(a).

The spectrum was to be investigated to the tenth harmonics of the highest fundamental frequency as specified in § 2.1051.

Test Procedure

The RF output of the transceiver was connected to a spectrum analyzer and simulator through appropriate attenuation. The resolution bandwidth of the spectrum analyzer was set at 100 kHz for below 1GHz and 1MHz for above 1MHz. Sufficient scans were taken to show any out of band emissions up to 10th harmonic.



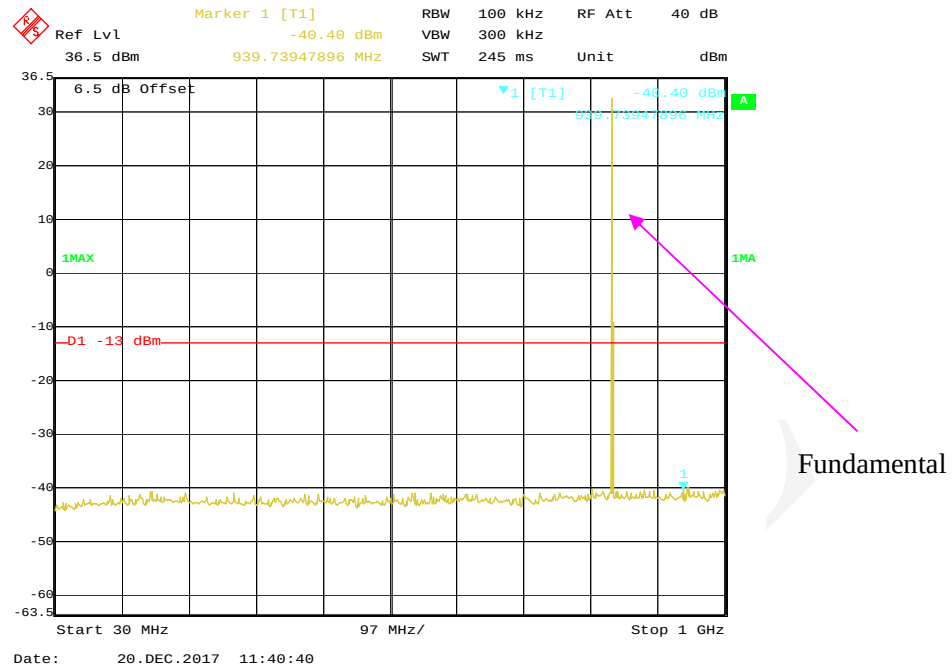
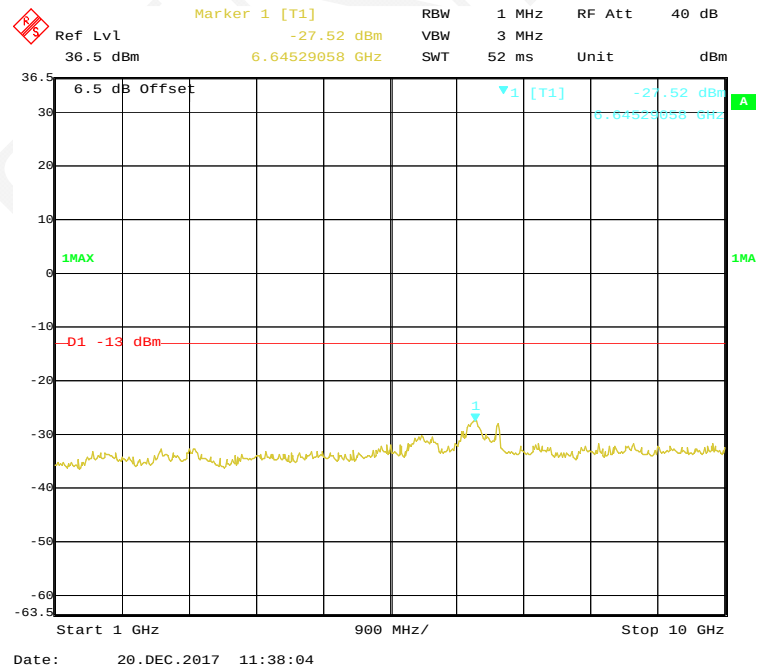
Test Data

Environmental Conditions

Temperature:	23.4 °C
Relative Humidity:	50 %
ATM Pressure:	101.2 kPa

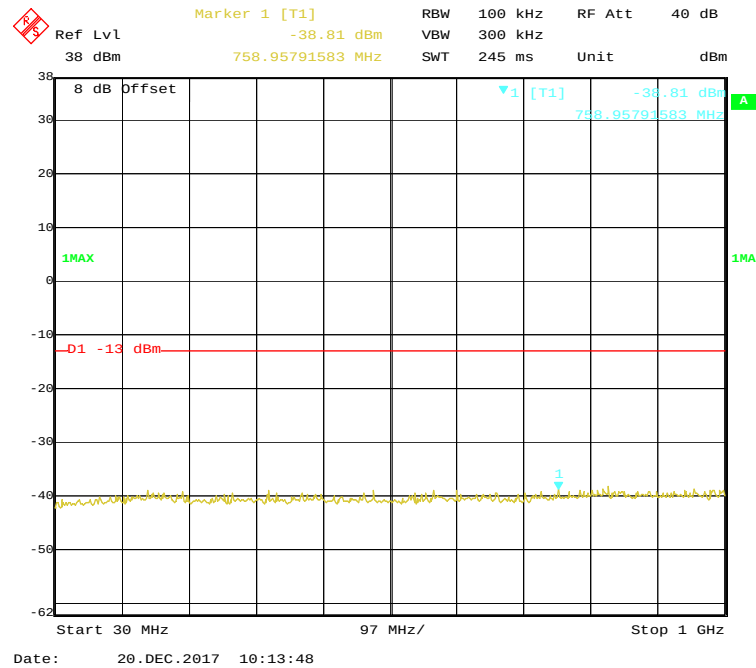
The testing was performed by Max Min on 2017-12-20.

EUT operation mode: Transmitting

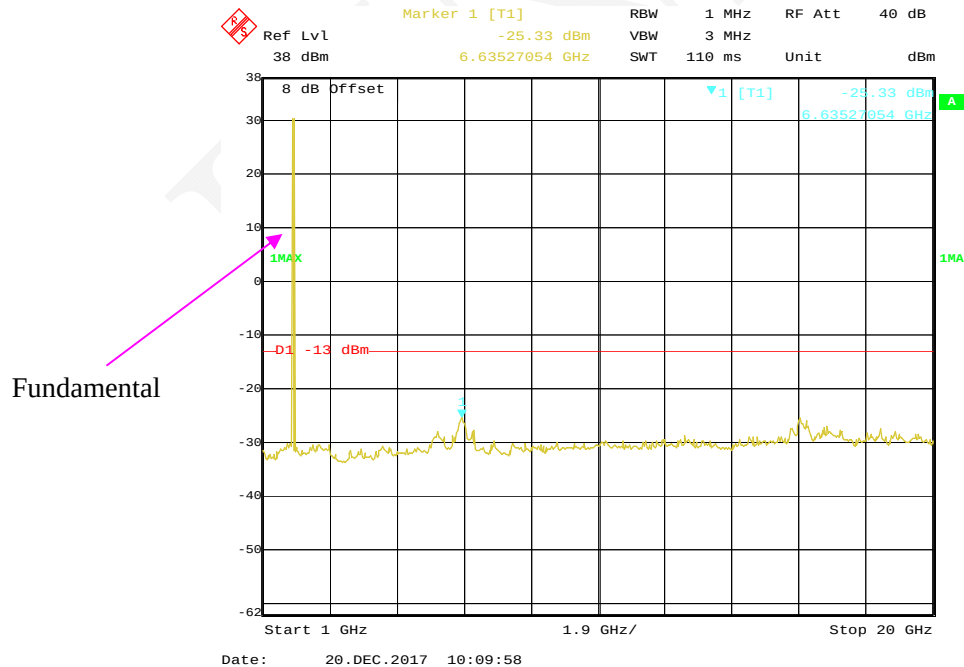
GSM 850 Band:**30 MHz – 1 GHz (GPRS Mode)****1 GHz – 10 GHz (GPRS Mode)**

PCS 1900 Band:

30 MHz – 1 GHz (GPRS Mode)



1 GHz – 20 GHz (GPRS Mode)



FCC § 2.1053; § 22.917 (a);§ 24.238 (a) – SPURIOUS RADIATED EMISSIONS

Applicable Standards

FCC § 2.1053, §22.917(a) and § 24.238(a)

22.917 (a) Out of band emissions. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB.

24.238 (a) Out of band emissions. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB.

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 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 = $10 \lg(\text{TX pwr in Watts}/0.001)$ – the absolute level

Spurious attenuation limit in dB = $43 + 10 \text{Log}_{10}(\text{power out in Watts})$

Test Data

Environmental Conditions

Temperature:	23.2 °C
Relative Humidity:	50 %
ATM Pressure:	101.2kPa

The testing was performed by Max Min on 2017-12-20.

Test mode: Transmitting (Pre-scan with low, middle, high channel, and the worse case data as below)

30 MHz ~ 10 GHz:**GSM 850 Band**

Frequency (MHz)	Receiver Reading (dBμV)	Turntable Angle Degree	Rx Antenna		Substituted			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Height (cm)	Polar (H/V)	Submitted Level (dBm)	Cable Loss (dB)	Antenna Gain (dBi/dBd)			
GPRS Mode, Middle Channel										
199.36	57.83	49	110	H	-53.85	0.42	-3.97	-58.24	-13	45.24
199.36	57.12	165	148	V	-53.90	0.42	-3.97	-58.29	-13	45.29
1673.20	60.59	84	133	H	-50.36	0.84	8.48	-42.72	-13	29.72
1673.20	61.38	3	129	V	-49.82	0.84	8.48	-42.18	-13	29.18
2509.80	49.13	70	153	H	-59.49	0.89	10.09	-50.29	-13	37.29
2509.80	48.22	85	148	V	-60.47	0.89	10.09	-51.27	-13	38.27

30 MHz ~ 20 GHz:**PCS 1900 Band**

Frequency (MHz)	Receiver Reading (dBμV)	Turntable Angle Degree	Rx Antenna		Substituted			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Height (cm)	Polar (H/V)	Submitted Level (dBm)	Cable Loss (dB)	Antenna Gain (dBi/dBd)			
GPRS Mode, Middle Channel										
199.36	57.56	27	131	H	-54.12	0.42	-3.97	-58.51	-13	45.51
199.36	56.99	56	139	V	-54.03	0.42	-3.97	-58.42	-13	45.42
3760.00	49.16	282	105	H	-54.53	0.95	9.74	-45.74	-13	32.74
3760.00	48.99	157	186	V	-55.02	0.95	9.74	-46.23	-13	33.23
5640.00	42.79	342	204	H	-57.72	1.15	10.47	-48.40	-13	35.40
5640.00	43.97	282	184	V	-56.84	1.15	10.47	-47.52	-13	34.52

Note:

Absolute Level = Submitted Level - Cable loss + Antenna Gain

Margin = Limit- Absolute Level

FCC § 22.917 (a); § 24.238 (a) – BAND EDGES**Applicable Standards**

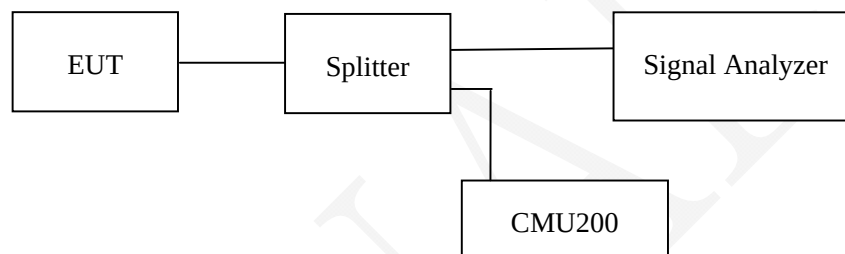
According to § 22.917(a), the power of any emissions outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB.

According to §24.238(a), the power of any emissions outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB.

Test Procedure

The RF output of the transmitter was connected to the input of the spectrum analyzer through sufficient attenuation.

The center of the spectrum analyzer was set to block edge frequency

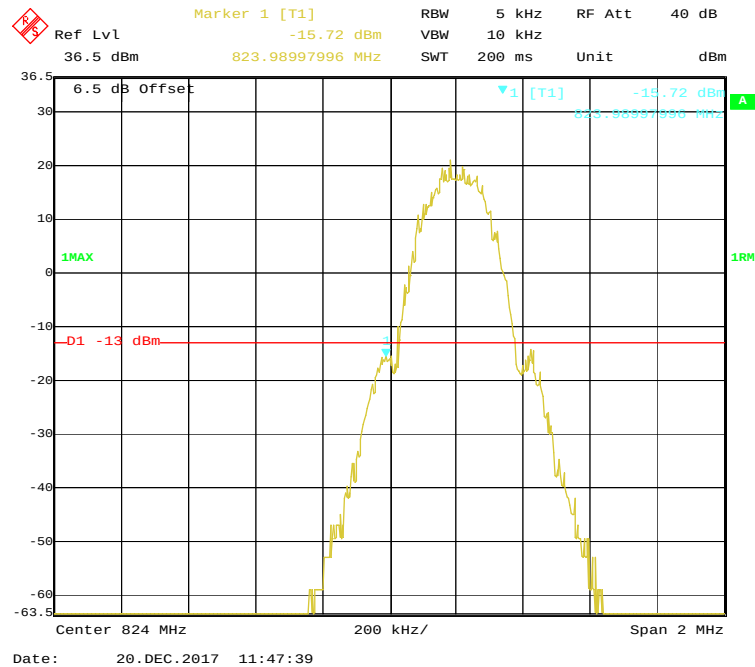
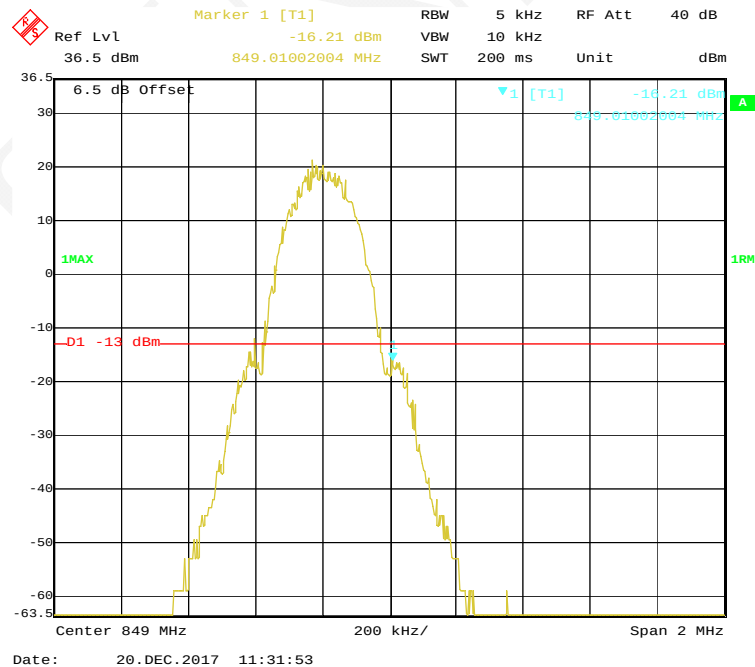
**Test Data****Environmental Conditions**

Temperature:	23.4 °C
Relative Humidity:	50 %
ATM Pressure:	101.2 kPa

The testing was performed by Max Min on 2017-12-20.

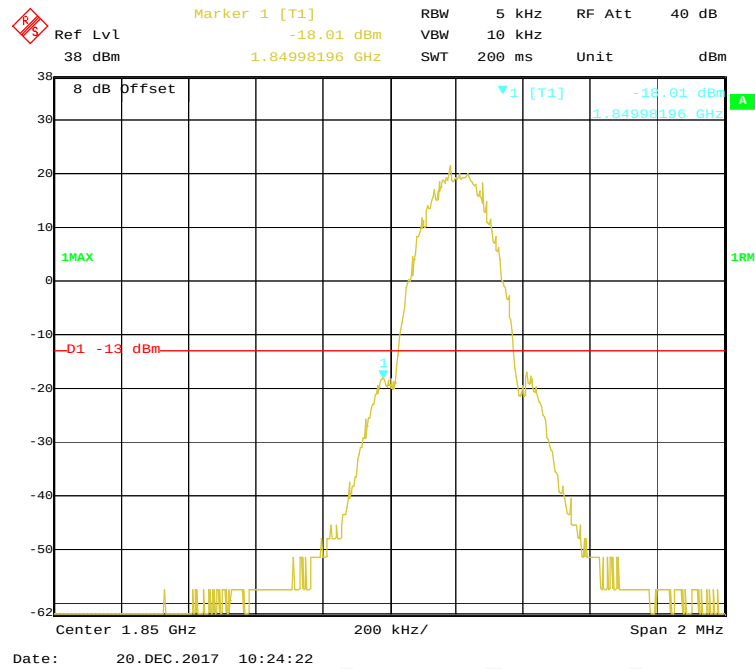
EUT operation mode: Transmitting

Test Result: Compliant

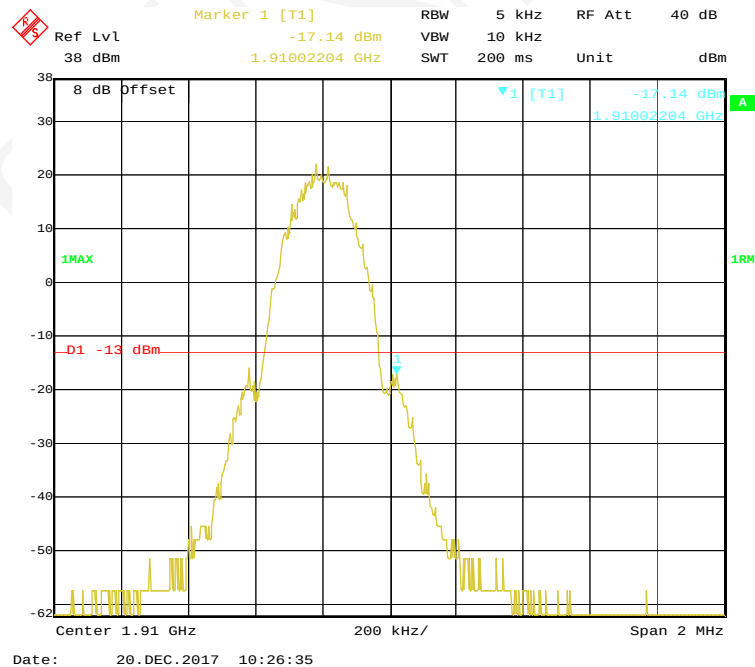
GSM 850 Band:**GPRS Mode, Left Band Edge****GPRS Mode, Right Band Edge**

PCS 1900 Band:

GPRS Mode, Left Band Edge



GPRS Mode, Right Band Edge



FCC § 2.1055; § 22.355; § 24.235 – FREQUENCY STABILITY

Applicable Standards

FCC § 2.1055, §22.355& §24.235.

According to FCC §2.1055, the frequency stability shall be sufficient to ensure that the fundamental emissions stay within the authorized bands of operation.

According to §22.355, the carrier frequency of each transmitter in the Public Mobile Services must be maintained within the tolerances given in Table below:

Frequency Tolerance for Transmitters in the Public Mobile Services

Frequency Range (MHz)	Base, fixed (ppm)	Mobile > 3 watts (ppm)	Mobile ≤ 3 watts (ppm)
25 to 50	20.0	20.0	50.0
50 to 450	5.0	5.0	50.0
450 to 512	2.5	5.0	5.0
821 to 896	1.5	2.5	2.5
928 to 929.	5.0	N/A	N/A
929 to 960.	1.5	N/A	N/A
2110 to 2220	10.0	N/A	N/A

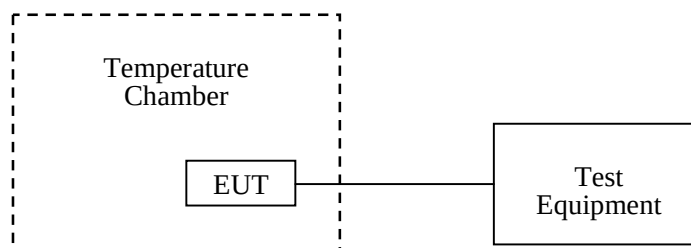
According to §24.235, the frequency stability shall be sufficient to ensure that the fundamental emissions stays within the authorized frequency block.

Test Procedure

Frequency Stability vs. Temperature: The equipment under test was connected to an external DC power supply and the RF output was connected to communication test set via feed-through attenuators. The EUT was placed inside the temperature chamber. The DC leads and RF output cable exited the chamber through an opening made for the purpose.

After the temperature stabilized for approximately 20 minutes, the frequency output was recorded from the communication test set.

Frequency Stability vs. Voltage: For hand carried, battery powered equipment; reduce primary supply voltage to the battery operating end point which shall be specified by the manufacturer.



Test Data**Environmental Conditions**

Temperature:	23.4 °C
Relative Humidity:	50 %
ATM Pressure:	101.2 kPa

The testing was performed by Max Min on 2017-12-20.

EUT operation mode: Transmitting

Test Result: Compliance.

GSM 850 Band:

GPRS Mode, Middle Channel, $f_o = 836.6$ MHz				
Temperature (°C)	Power Supplied (V _{DC})	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)
-30	24.0	10	0.0120	2.5
-20		7	0.0084	2.5
-10		8	0.0096	2.5
0		5	0.0060	2.5
10		1	0.0012	2.5
20		7	0.0084	2.5
30		2	0.0024	2.5
40		4	0.0048	2.5
50		8	0.0096	2.5
25	V min.= 20.4	4	0.0048	2.5
25	V max.= 27.6	7	0.0084	2.5

PCS 1900 Band:

GPRS Mode, Middle Channel, $f_0 = 1880.0$ MHz				
Temperature (°C)	Power Supplied (V_{DC})	Frequency Error (Hz)	Frequency Error (ppm)	Result
-30	24.0	-8	-0.0043	pass
-20		-5	-0.0027	pass
-10		-6	-0.0032	pass
0		-2	-0.0011	pass
10		-5	-0.0027	pass
20		-3	-0.0016	pass
30		-1	-0.0005	pass
40		-2	-0.0011	pass
50		-5	-0.0027	pass
25	V min.= 20.4	-11	-0.0059	pass
25	V max.= 27.6	-13	-0.0069	pass

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