RF TEST REPORT



Report No.: 16070220-FCC-R1
Supersede Report No.: N/A

Applicant	NEG TECHNOLOGY CO., LIMITED				
Product Name	Mobile Phone				
Model No.	F1009				
Serial No.	N/A	N/A			
Took Ohom doud	FCC Part 22(H):2014 ;FCC Part 24(E):2014; ANSI/TIAC603 D:				
Test Standard	2010				
Test Date	September 10 to September 24. 2015				
Issue Date	March 16,2016				
Test Result	Pass Fail				
Equipment complied with the specification					
Equipment did not comply with the specification					
Winnie Zhang		David Huang			
Winnie Zhang		David Huang			
Test Engineer		Checked By			

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Test result presented in this test report is applicable to the tested sample only

Issued by:

SIEMIC (SHENZHEN-CHINA) LABORATORIES

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Laboratories Introduction

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Accreditations for Conformity Assessment

Country/Region	Scope
USA	EMC, RF/Wireless, SAR, Telecom
Canada	EMC, RF/Wireless, SAR, Telecom
Taiwan	EMC, RF, Telecom, SAR, Safety
Hong Kong	RF/Wireless, SAR, Telecom
Australia	EMC, RF, Telecom, SAR, Safety
Korea	EMI, EMS, RF, SAR, Telecom, Safety
Japan	EMI, RF/Wireless, SAR, Telecom
Singapore	EMC, RF, SAR, Telecom
Europe	EMC, RF, SAR, Telecom, Safety



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1. Report Revision History

Report No.	Report Version	Description	Issue Date
16070220-FCC-R1	NONE	Original	March 16,2016

2. Customer information

Applicant Name	NEG TECHNOLOGY CO., LIMITED	
Applicant Add	Rm 1406, Block B, Jinsejiari, Jingtian south road, Futian district, Shenzhen, China	
Manufacturer	NEG TECHNOLOGY CO., LIMITED	
Manufacturer Add	Rm 1406, Block B, Jinsejiari, Jingtian south road, Futian district, Shenzhen, China	

3. Test site information

Lab performing tests	SIEMIC (Shenzhen-China) LABORATORIES	
	Zone A, Floor 1, Building 2 Wan Ye Long Technology Park	
Lab Address	South Side of Zhoushi Road, Bao' an District, Shenzhen, Guangdong	
	China 518108	
FCC Test Site No.	718246	
IC Test Site No.	4842E-1	
Test Software	Radiated Emission Program-To Shenzhen v2.0	



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4. Equipment under Test (EUT) Information

Description of EUT:	Mobile Phone

Main Model: F1009

Serial Model: N/A

Date EUT received: September 09, 2015

Test Date(s): September 10 to September 24. 2015

Equipment Category : PCE

GSM850:0.3dBi

Antenna Gain: PCS1900:0.35dBi

Bluetooth:0.1dBi

GSM / GPRS: GMSK Type of Modulation:

Bluetooth: GFSK, π /4DQPSK, 8DPSK

GSM850 TX: 824.2 ~ 848.8 MHz; RX: 869.2 ~ 893.8 MHz

RF Operating Frequency (ies): PCS1900 TX: 1850.2 ~ 1909.8 MHz; RX: 1930.2 ~ 1989.8 MHz

Bluetooth: 2402-2480 MHz

Maximum Conducted GSM850: 32.48dBm

AV Power to Antenna: PCS1900: 30.45dBm

GSM850: 22.86dBm / ERP ERP/EIRP:

PCS1900: 18.98dBm / EIRP

GSM 850: 124CH

Number of Channels: PCS1900: 299CH

Bluetooth: 79CH

Port: Power Port, Earphone Port, USB Port



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AC Adapter:

Model:F1009

Input: AC 100-240V; 50/60Hz;150mA

Output: DC5.0V; 500mA

Input Power: Battery:

Model:F1009

Bateria Li-on:2.59Wh

Voltaje de carga limite:4.2V

Capacidad de bacteria:3.7V , 700mAh

Trade Name: OWN

GPRS Multi-slot class 8/10/12

FCC ID: 2AAZ8-F1009



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5. Test Summary

The product was tested in accordance with the following specifications.

All testing has been performed according to below product classification:

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	
§ 24.232 (d)	Peak-Average Ratio	Compliance	
§ 2.1047	Modulation Characteristics	N/A	
§ 2.1049; § 22.905; § 22.917;	000/ 9 26 dB Ossumind Bandwidth	Commission	
§ 24.238	99% & -26 dB Occupied Bandwidth	Compliance	
§ 2.1051; § 22.917(a);	Courieus Emissione et Antonno Terminal	Compliance	
§ 24.238(a)	Spurious Emissions at Antenna Terminal	Compliance	
§ 2.1053; § 22.917(a);	Field Chronath of Courieus Dodieties	Compiliance	
§ 24.238(a)	Field Strength of Spurious Radiation	Compliance	
§ 22.917(a); § 24.238(a);	Out of band emission, Band Edge	Compliance	
\$ 0.4055, \$ 00.255, \$ 04.225,	Frequency stability vs. temperature	Compliance	
§ 2.1055; § 22.355; § 24.235;	Frequency stability vs. voltage		

Note: Testing was performed by configuring EUT to maximum output power status, the declared output power class for different

Measurement Uncertainty

Emissions				
Test Item	Description	Uncertainty		
Band Edge and Radiated Spurious Emissions	Confidence level of approximately 95% (in the case where distributions are normal), with a coverage factor of 2 (for EUTs < 0.5m X 0.5m X 0.5m)	+5.6dB/-4.5dB		
-	-	-		



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6. MEASUREMENTS, EXAMINATION AND DERIVED RESULTS

6.1 RF Exposure (MPE)

Test Result: Pass

The EUT is a portable device, thus requires MPEevaluation;

Please refer to RF Exposure Evaluation Report: 15070823-FCC-H2.



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6.2 RF Output Power

Temperature	22°C			
Relative Humidity	59%			
Atmospheric Pressure	1017mbar			
Test date :	September 17, 2015			
Tested By :	Winnie Zhang			

Requirement(s):

Requirement(s):								
Spec	Item	Requirement Applicable						
§22.913 (a)	a)	ERP:38.45dBm						
§24.232 (c)	b)	IRP:33dBm						
	c)	EIRP:30dBm ✓						
Test Setup		EUT Base Station						
	Fo	or Conducted Power:						
	-	- The transmitter output port was connected to base station.						
	- Set EUT at maximum power through base station.							
	- Select lowest, middle, and highest channels for each band and							
	different test mode.							
	For ERP/EIRP:							
	- The transmitter was placed on a wooden turntable, and it was							
	transmitting into a non-radiating load which was also placed on the							
Test Procedure	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 anten	na. A signal					



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_					
	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 log (TX power in Watts/0.001) –				
	the absolute level				
	- Spurious attenuation limit in dB = 43 + 10 Log10 (power out in				
	Watts.				
Remark					
Result	Pass				
Test Data Yes	□ _{N/A}				
Test Plot Yes	(See below) N/A				



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Conducted Power

GSM Mode:

Burst Average Power (dBm);								
Band	GSM850				PCS1900			
Channel	128	190	251	Tune up Power tolerant	512	661	810	Tune up Power tolerant
Frequency (MHz)	824.2	836.6	848.8	1	1850.2	1880	1909.8	1
GSM Voice (1 uplink),GMSK	32.37	32.35	32.48	32±1	30.27	30.43	30.5	30±1
GPRS Multi-Slot Class 8 (1 uplink),GMSK	32.42	32.41	32.5	32±1	30.28	30.45	30.4	30±1
GPRS Multi-Slot Class 10 (2 uplink) GMSK	30.40	30.42	30.43	30±1	28.45	28.11	27.52	28±1
GPRS Multi-Slot Class 12 (4 uplink) GMSK	26.14	26.15	26.17	26±1	24.41	24.1	23.25	24±1

Remark:

GPRS, CS1 coding scheme.

Multi-Slot Class 8 , Support Max 4 downlink, 1 uplink , 5 working link

Multi-Slot Class 10 , Support Max 4 downlink, 2 uplink , 5 working link

Multi-Slot Class 12 , Support Max 4 downlink, 4 uplink , 5 working link

Note: Since GSM mode has higher power, so the test items below were not performed to GPRS and EGPRS mode.



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ERP & EIRP

ERP for Cellular Band (Part 22H)

Frequency (MHz)	Substituted level (dBm)	Antenna Polarization	Antenna Gain correction (dBi)	Cable Loss (dB)	Absolute Level (dBm)	Limit (dBm)
824.2	16.42	V	6.8	0.53	22.69	38.45
824.2	14.19	Н	6.8	0.53	20.46	38.45
836.6	16.57	V	6.8	0.53	22.84	38.45
836.6	14.23	Н	6.8	0.53	20.50	38.45
848.8	16.49	V	6.9	0.53	22.86	38.45
848.8	14.25	Н	6.9	0.53	20.62	38.45

EIRP for PCS Band (Part 24E)

Frequency (MHz)	Substituted level (dBm)	Antenna Polarization	Antenna Gain correction (dBi)	Cable Loss (dB)	Absolute Level (dBm)	Limit (dBm)
1850.2	11.83	V	7.88	0.85	18.86	33
1850.2	10.57	Н	7.88	0.85	17.60	33
1880	11.95	V	7.88	0.85	18.98	33
1880	10.69	Н	7.88	0.85	17.72	33
1909.8	11.81	V	7.86	0.85	18.82	33
1909.8	10.56	Н	7.86	0.85	17.57	33

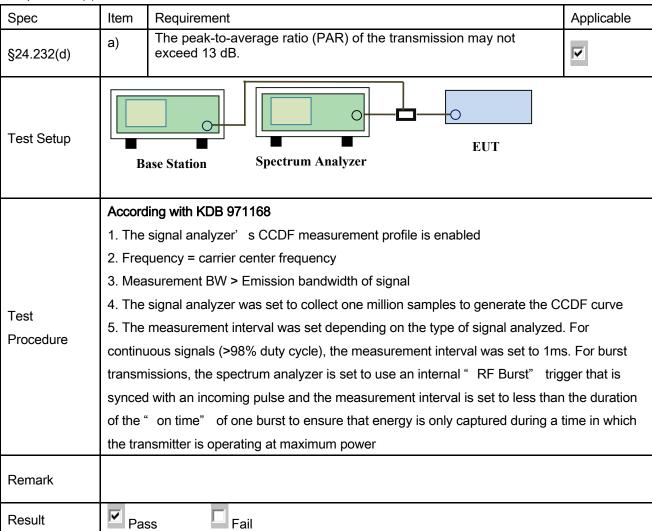


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6.3 Peak-Average Ratio

Temperature	22°C
Relative Humidity	59%
Atmospheric Pressure	1017mbar
Test date :	September 17, 2015
Tested By :	Winnie Zhang

Requirement(s):



Test Data	Yes	□ _{N/A}
Test Plot	Yes (See below)	✓ _{N/A}



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GSM 1900 PK-AV POWER(PART 24E)

·					
Frequency	Conducted power(dBm)		Peak-Average		
(MHz)	Peak	Average	Ratio(PAR)		
1850.2	31.46	30.51	0.95		
1880	31.22	30.25	0.97		
1909.8	30.65	30.04	0.61		



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6.4 Modulation Characteristic

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



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6.5 Occupied Bandwidth

Temperature	22°C
Relative Humidity	59%
Atmospheric Pressure	1017mbar
Test date :	September 17, 2015
Tested By :	Winnie Zhang

Requirement(s):

Spec	Item	Applicable	
§2.1049,	a)	a) 99% Occupied Bandwidth(kHz)	
§22.917,			
§22.905	b)	26 dB Bandwidth(kHz)	V
§24.238			_
Test Setup	B.	ase Station Spectrum Analyzer EUT	
	-	The EUT was connected to Spectrum Analyzer and Base	Station via
Test		power divider.	
Procedure	-	The 99% and 26 dB occupied bandwidth (BW) of the mide	dle channel
		for the highest RF powers.	
Remark			
Result	Pa	ass Fail	

Test Data	Yes	□ _{N/A}
Test Plot	Yes (See below)	□ _{N/A}



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Cellular Band (Part 22H) result

Channel	Frequency	99% Occupied	26 dB Bandwidth
ona mor	(MHz)	Bandwidth (kHz)	(kHz)
128	824.2	246.2198	317.212
190	836.6	246.6385	318.979
251	848.8	246.3994	324.720

PCS Band (Part 24E) result

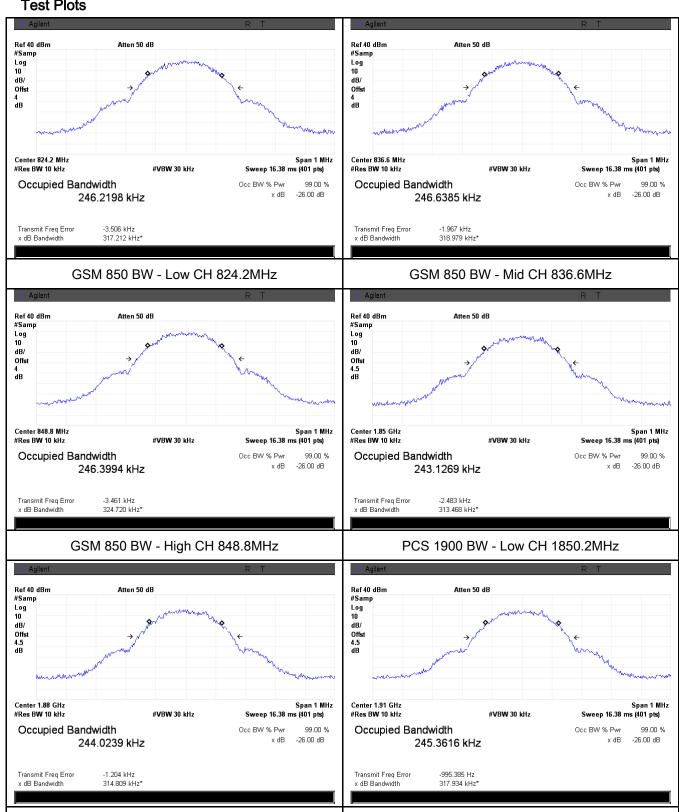
Channal	Frequency	99% Occupied	26 dB Bandwidth	
	Channel	(MHz)	Bandwidth (kHz)	(kHz)
	512	1850.2	243.1269	313.468
	661	1880.0	244.0239	314.809
	810	1909.8	245.3616	317.934



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PCS 1900 BW - High CH 1909.8MHz

Test Plots



PCS 1900 BW - Mid CH 1880MHz



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6.6 Spurious Emissions at Antenna Terminals

Temperature	22°C
Relative Humidity	59%
Atmospheric Pressure	1017mbar
Test date :	September 17, 2015
Tested By :	Winnie Zhang

Requirement(s):

Spec	Item	Requirement	Applicable
§2.1051, §22.917(a)& §24.238(a)	a)	The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least 43 + 10 log (P) dB	<
Test Setup		Base Station Spectrum Analyzer	
Test Procedure	 The EUT was connected to Spectrum Analyzer and Base Station via power divider. The Band Edges of low and high channels for the highest RF powers were measured. Setting RBW as roughly BW/100. 		
Remark			
Result	☑ Pa	ss Fail	

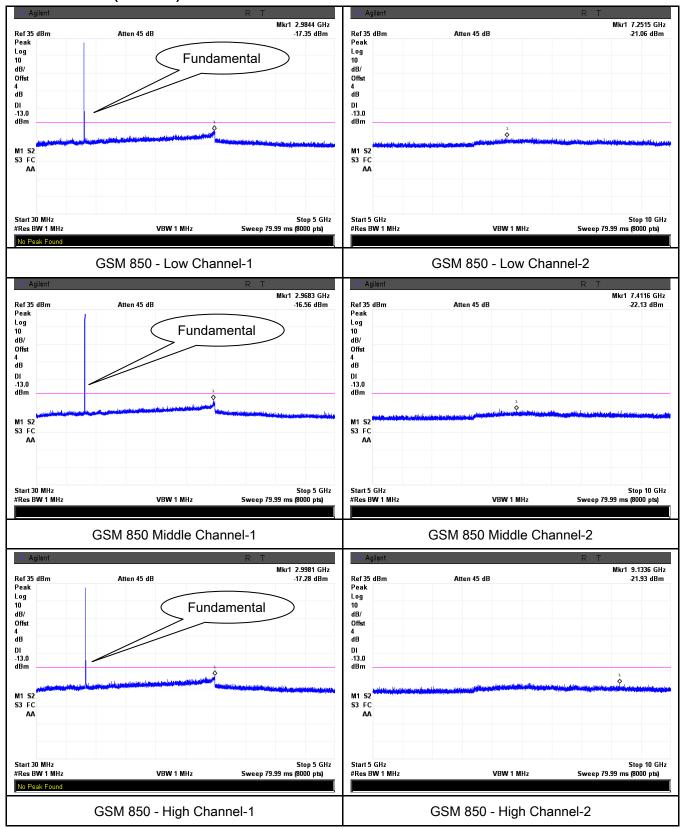
Test Data	Yes	□ _{N/A}
Test Plot	Yes (See below)	□ _{N/A}



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Test Plots

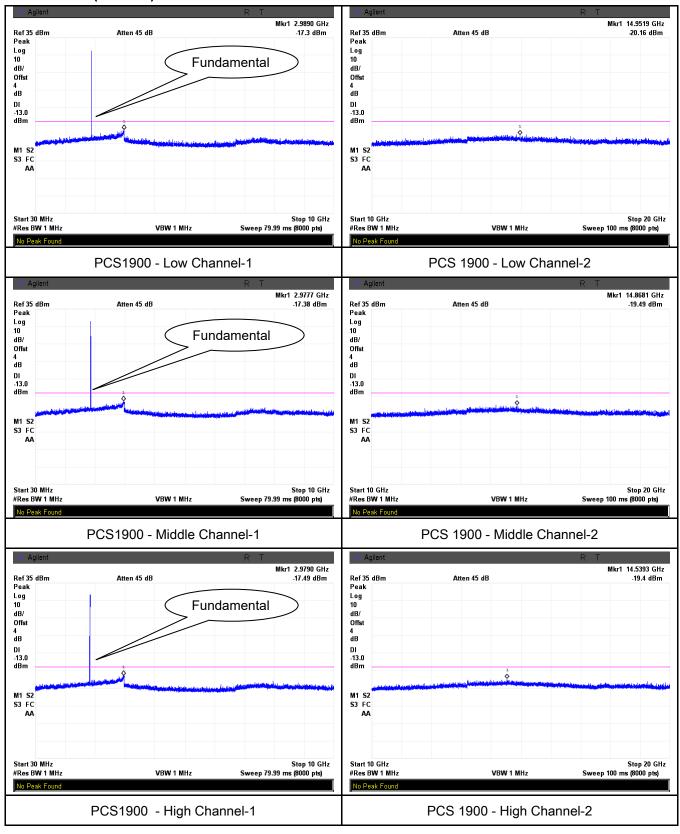
Cellular Band (Part 22H) result





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PCS Band (Part24E) result





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6.7 Spurious Radiated Emissions

Temperature	22°C
Relative Humidity	59%
Atmospheric Pressure	1017mbar
Test date :	September 17, 2015
Tested By:	Winnie Zhang

Requirement(s):

Spec	Item	Requirement	Applicable			
§2.1053, §22.917 & §24.238	a)	The power of any emission outside of the authorized operating frequency ranges must be attenuated below the				
Test setup	Ant. Tower Support Units Turn Table Ground Plane Test Receiver					
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. 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. Sample Calculation: EUT Field Strength = Raw Amplitude (dBμV/m) – Amplifier Gain (dB) + Antenna Factor (dB) + Cable Loss (dB) + Filter Attenuation (dB, if used) 					
Remark						



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Result	Pass	Fail	

Test Data Yes

Test Plot Yes (See below)

Cellular Band (Part 22H) result

Low channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
1648.4	-54.23	V	7.95	0.78	-47.06	-13	-34.06
1648.4	-54.58	Н	7.95	0.78	-47.41	-13	-34.41
153.3	-50.31	V	1.2	0.19	-49.3	-13	-36.3
479.6	-53.49	Н	6.2	0.31	-47.6	-13	-34.6

Middle channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
1673.2	-54.35	V	7.95	0.78	-47.18	-13	-34.18
1673.2	-54.92	Η	7.95	0.78	-47.75	-13	-34.75
153.7	-50.77	V	1.2	0.19	-49.76	-13	-36.76
479.1	-53.61	Н	6.2	0.31	-47.72	-13	-34.72

High channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
1697.6	-54.29	V	7.95	0.78	-47.12	-13	-34.12
1697.6	-54.62	Н	7.95	0.78	-47.45	-13	-34.45
153.4	-50.86	V	1.2	0.19	-49.85	-13	-36.85
479.5	-53.45	Н	6.2	0.31	-47.56	-13	-34.56



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PCS Band (Part24E) result

Low channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
3700.4	-51.27	V	10.25	2.73	-43.75	-13	-30.75
3700.4	-50.93	Н	10.25	2.73	-43.41	-13	-30.41
152.5	-49.51	V	1.2	0.19	-48.5	-13	-35.5
475.7	-54.33	Н	6.2	0.31	-48.44	-13	-35.44

Middle channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
3760	-51.31	٧	10.25	2.73	-43.79	-13	-30.79
3760	-51.05	Н	10.25	2.73	-43.53	-13	-30.53
152.3	-49.68	V	1.2	0.19	-48.67	-13	-35.67
475.5	-54.32	Н	6.2	0.31	-48.43	-13	-35.43

High channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
3819.6	-51.26	V	10.36	2.73	-43.63	-13	-30.63
3819.6	-51.12	Η	10.36	2.73	-43.49	-13	-30.49
152.1	-49.55	V	1.2	0.19	-48.54	-13	-35.54
475.8	-54.38	Н	6.2	0.31	-48.49	-13	-35.49



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6.8 Band Edge

Temperature	22°C
Relative Humidity	59%
Atmospheric Pressure	1017mbar
Test date :	September 17, 2015
Tested By :	Winnie Zhang

Requirement(s):

Spec	Item	Requirement	Applicable
§22.917(a) §24.238(a)	a)	The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least 43 + 10 log (P) dB.	>
Test setup		Base Station Spectrum Analyzer EUT	
Procedure	 The EUT was connected to Spectrum Analyzer and Base Station via power divider. The Band Edges of low and high channels for the highest RF powers were measured. Setting RBW as roughly BW/100. 		
Remark			
Result	☑ Pa	ss Fail	

Test Data	Yes	□ _{N/A}
Test Plot	Yes (See below)	□ _{N/A}



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Cellular Band (Part 22H)

Frequency (MHz)	Emission (dBm)	Limit (dBm)
823.9950	-16.24	-13
849.0175	-16.02	-13

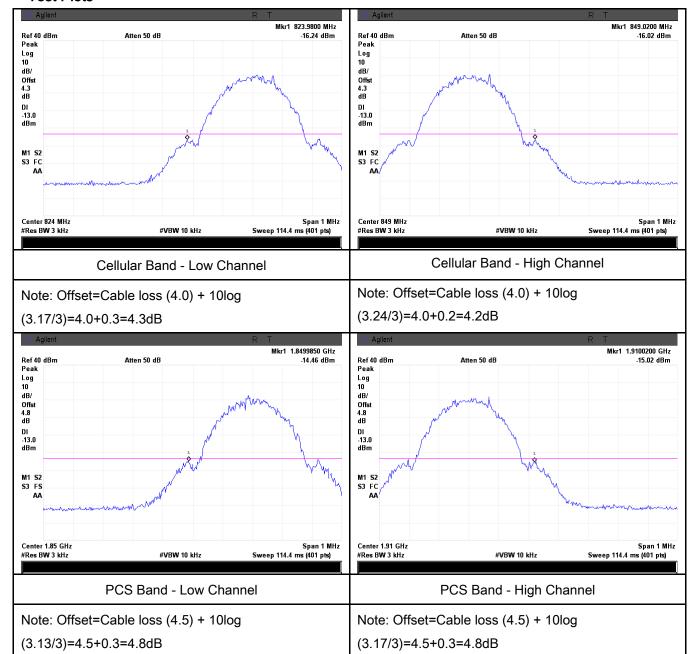
PCS Band (Part24E)

Frequency (MHz)	Emission (dBm)	Limit (dBm)
1849.9950	-14.46	-13
1910.0175	-15.02	-13



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Test Plots





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6.9 Frequency Stability

Temperature	22°C
Relative Humidity	59%
Atmospheric Pressure	1017mbar
Test date :	September 17, 2015
Tested By :	Winnie Zhang

Requirement(s):

Spec	Item	Requirement				Applicable
§2.1055, §22.355 & §24.235	a)	According to §22.3 the Public Mobile S tolerances given in Frequency Toleran Services Frequency Range (MHz) 25 to 50 50 to 450 45 to 512 821 to 896 928 to 29. 929 to 960. 2110 to 2220 According to §24.2 ensure that the fun	Base, fixed (ppm) 20.0 5.0 2.5 1.5 5.0 1.5 10.0 35, the frequ	mitters in the Publishmet was writters in the Publishmet Salaman watts (ppm) 20.0 5.0 5.0 2.5 N/A N/A N/A N/A N/A uency stability shall salaman watts salaman watts (ppm) 20.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0	ic Mobile Mobile ≤ 3 watts (ppm) 50.0 50.0 .0 2.5 N/A N/A N/A N/A	
		frequency block.		-		
Test setup	Test setup Base Station Thermal Chamber					



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	A communication link was established between EUT and base station. The
	frequency error was monitored and measured by base station under variation
Procedure	of ambient temperature and variation of primary supply voltage.
	Limit: The frequency stability of the transmitter shall be maintained within
	±0.00025% (±2.5ppm) of the center frequency.
Remark	
Result	Pass Fail

Test Data	Yes	□ _{N/A}
Test Plot	Yes (See below)	▽ N/A



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Cellular Band (Part 22H) result

Middle Channel, f₀ = 836.6 MHz				
Temperature (°C)	Power Supplied (V _{DC})	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)
-10		-18	0.0215	2.5
0	3.7	-15	0.0179	2.5
10		-17	0.0203	2.5
20		-9	0.0108	2.5
30		-13	0.0155	2.5
40		-17	0.0203	2.5
50		-24	0.0287	2.5
55		-22	0.0263	2.5
25	4.2	-20	0.0239	2.5
25	3.5	-20	0.0239	2.5

PCS Band (Part 24E) result

1 00 Band (1 art 242) result				
Middle Channel, f₀ = 1880 MHz				
Temperature (°C)	Power Supplied (V _{DC})	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)
-10		-15	0.0080	2.5
0		-19	0.0101	2.5
10	3.7	-16	0.0085	2.5
20		-10	0.0053	2.5
30		-19	0.0101	2.5
40		-20	0.0106	2.5
50		-20	0.0106	2.5
55		-24	0.0128	2.5
25	4.2	-21	0.0112	2.5
25	3.5	-23	0.0122	2.5



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Annex A. TEST INSTRUMENT

Instrument	Model	Serial#	Cal Date	Cal Due	In use
RF Conducted Test					
Agilent ESA-E SERIES SPECTRUM ANALYZER	E4407B	MY45108319	09/17/2015	09/16/2016	<u> </u>
Power Splitter	1#	1#	09/01/2015	08/31/2016	V
Universal Radio Communication Tester	CMU200	121393	09/26/2014	09/25/2015	\
Temperature/Humidity Chamber	UHL-270	001	10/10/2014	10/09/2015	(
DC Power Supply	E3640A	MY40004013	09/17/2015	09/16/2016	>
Radiated Emissions					
EMI test receiver	ESL6	100262	09/17/2015	09/16/2016	<
OPT 010 AMPLIFIER (0.1-1300MHz)	8447E	2727A02430	09/01/2015	08/31/2016	>
Microwave Preamplifier (1 ~ 26.5GHz)	8449B	3008A02402	03/25/2015	03/24/2016	<u><</u>
Bilog Antenna (30MHz~6GHz)	JB6	A110712	09/22/2014	09/21/2015	<u>\</u>
Bilog Antenna (30MHz~2GHz)	JB1	A112017	09/22/2014	09/21/2015	(
Double Ridge Horn Antenna (1 ~18GHz)	AH-118	71259	09/25/2014	09/24/2015	<u><</u>
Double Ridge Horn Antenna (1 ~18GHz)	AH-118	71283	09/25/2014	09/24/2015	Y
SYNTHESIZED SIGNAL GENERATOR	8665B	3744A01293	09/17/2015	09/16/2016	\
Tunable Notch Filter	3NF- 800/1000-S	AA4	09/01/2015	08/31/2016	>
Tunable Notch Filter	3NF- 1000/2000-S	AM 4	09/01/2015	08/31/2016	•



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Annex B. EUT And Test Setup Photographs

Annex B.i. Photograph: EUT External Photo





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CO G # AV O E # QOA

EUT - Top View

EUT - Bottom View



EUT - Left View



EUT - Right View



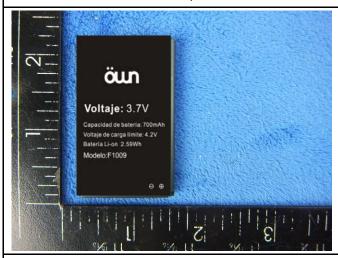
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Annex B.ii. Photograph: EUT Internal Photo



Cover Off - Top View 1

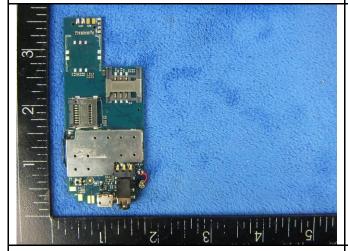
Cover Off - Top View 2



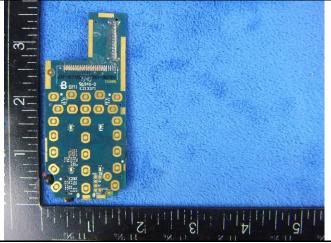


Battery - Top View

Battery - Bottom View



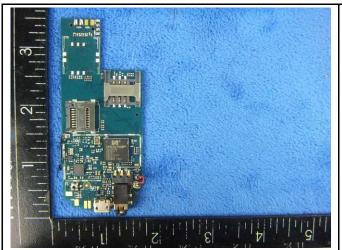
Mainborad With Shielding - Front View



Mainborad With Shielding - Rear View



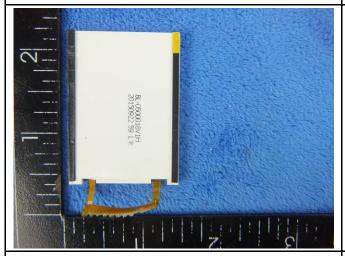
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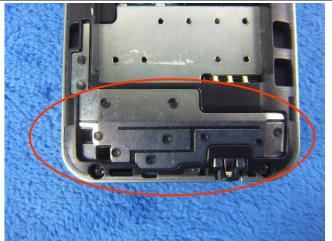


3

Mainborad Without Shielding - Front View

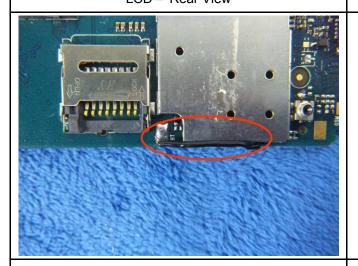
LCD - Front View





LCD - Rear View

GSM/PCS Antenna View

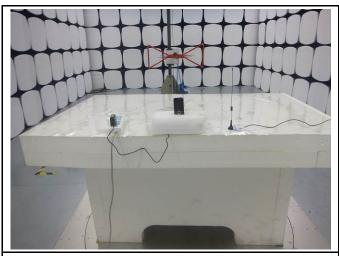


BT - Antenna View

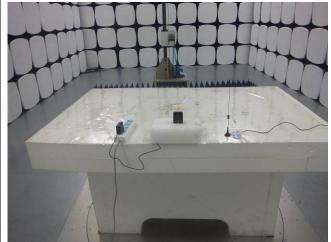


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Annex B.iii. Photograph: Test Setup Photo



Radiated Spurious Emissions Test Setup Below 1GHz



Radiated Spurious Emissions Test Setup Above 1GHz

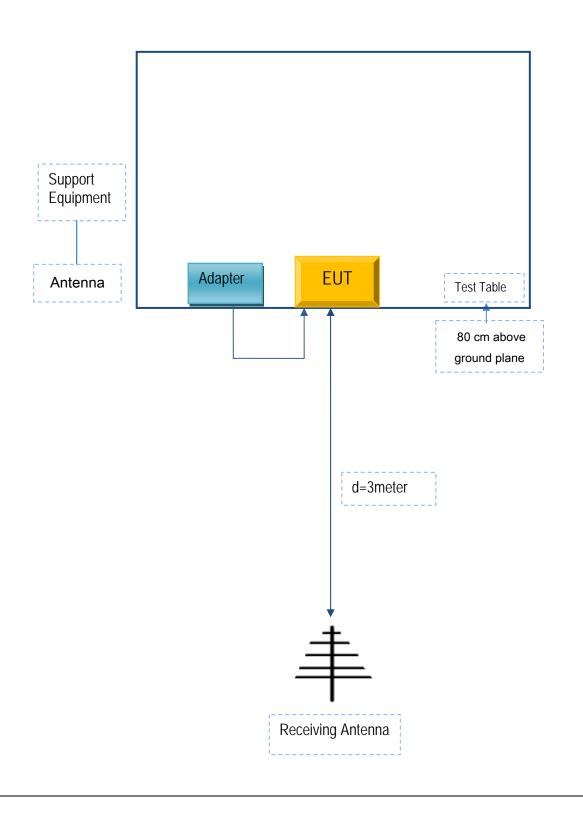


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Annex C. TEST SETUP AND SUPPORTING EQUIPMENT

Annex C.ii. TEST SET UP BLOCK

Block Configuration Diagram for Radiated Emissions





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Annex C. il. SUPPORTING EQUIPMENT DESCRIPTION

The following is a description of supporting equipment and details of cables used with the EUT.

Manufacturer	Equipment Description	Model	Serial No
NEG TECHNOLOGY CO., LIMITED	Adapter	F1009	C0709



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Annex C.ii. EUT OPERATING CONKITIONS

N/A



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Annex D. User Manual / Block Diagram / Schematics / Partlist

Please see attachment



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Annex E. DECLARATION OF SIMILARITY

AuthorizationUsingTCF

(Original approvalholder)

Company name NEG TECHNOLOGY CO., LIMITED	
Address Rm 1406, Block B, Jinsejiari, Jingtian south road, Futian district, ShenZhen , China	

Declare that the following company:

(New approval holder)

Companyname NEG TECHNOLOGY CO., LIMITED	
Address	Rm 1406, Block B, Jinsejiari, Jingtian south road, Futian district, Shenzhen, China

is herebyauthorized to use our documentation and test reports, tested by SIEMIC, job No. 15070823.

(Difference from original approval holder's)

II. War and a second matter a colling and	Model	Difference double SIM slot	
Original	F1009D		
New F1009		single SIM slot	

and applyfor ownapproval orcertificate.

Attestation:

Date:	Name: (thismustbeaperson)	Function:	Signature: (orofficialcompanystamp)
2016-3-15	Eking. liu	Manager	Eking Lin