Compliance Testing, LLC
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EMI, EMC, RF Testing Experts Since 1963

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Test Report

Prepared for: Qualcomm Incorporated

Model: GSP-1720

Description: Mobile Earth Station
FCC ID: J9CGSSDVM

To

FCC Part 1.1310

Date of Issue: April 5, 2013

On the behalf of the applicant:	**Qualcomm Incorporated** **5775 Morehouse Drive** **San Diego, CA 92121**
Attention of:	**Paul Guckian,VP Engineering** **Ph: 858-651-1547** **E-Mail: pguckian@qualcomm.com**

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Project No: p1320006

John Erhard
Project Test Engineer

Test Report Revision History

Revision	Date	Revised By	Reason for Revision
1.0	April 5, 2013	John Erhard	Original Document
2.0	April 30, 2013	John Erhard	Edit the power density including the satellite service provider antenna
3.0	May 16, 2013	John Erhard	Corrected power density calculations

ILAC / A2LA

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The tests results contained within this test report all fall within our scope of accreditation, unless below

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Testing Certificate Number: **2152.01**

FCC OATS Reg, #933597

IC Reg. #2044A-1

Non-accredited tests contained in this report:

N/A

Description

This is a mobile device used in a Controlled Exposure environment.

Limits - Uncontrolled Exposure	0.3-1.234 MHz:	Limit [mW/cm²] = 100
47 CFR 1.1310	1.34-30 MHz:	Limit [mW/cm²] = (180/f²)
Table 1, (B)	30-300 MHz:	Limit [mW/cm²] = 0.2
	300-1500 MHz:	Limit [mW/cm²] = f/1500
	1500-100,000 MHz	Limit [mW/cm²] = 1.0

Test Frequencies, MHz	1610.73 - 1620.57
Power, Conducted, W (P)	0.891
Antenna Gain Isotropic	6 dBi
Antenna Gain Numeric (G)	3.96
Antenna Type	LHCP passive
Distance (R)	20 cm

Power Density Calculations	Formula =	$S = PG / 4\pi R^2$
	Power Density (S) =	0.702 mW/cm²
	Limit =	1 mW/cm²

The Power Density is below the Limit.

END OF TEST REPORT