



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

For

Advanced Card Systems Ltd.

Units 2010-2013, 20/F, Chevalier Commercial Centre, Kowloon, Hong Kong

FCC ID: V5MACR320

Report Type: **Product Type:** Original Report Ticket Validator Exic Lee **Test Engineer:** Eric Lee Report Number: RSZ120528001-00C **Report Date:** 2012-07-03 Alvin Huang **Reviewed By:** RF Leader Bay Area Compliance Laboratories Corp. (Shenzhen) **Test Laboratory:** 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

Note: This test report is prepared for the customer shown above and for the device described herein. It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. This report **must not** be used by the customer to claim product certification, approval, or endorsement by NVLAP*, or any agency of the Federal Government.

* This report contains data that are not covered by the NVLAP accreditation and are marked with an asterisk "★" (Rev.2)

TABLE OF CONTENTS

GENERAL INFORMATION	3
PRODUCT DESCRIPTION FOR EQUIPMENT UNDER TEST (EUT)	
OBJECTIVE	
RELATED SUBMITTAL(S)/GRANT(S) TEST METHODOLOGY	
TEST FACILITY	
SYSTEM TEST CONFIGURATION	
JUSTIFICATION	
EQUIPMENT MODIFICATIONS	
External I/O Cable	
BLOCK DIAGRAM OF TEST SETUP	5
SUMMARY OF TEST RESULTS	6
FCC §1.1307 & §2.1091 - MAXIMUM PERMISSIBLE EXPOSURE (MPE)	
APPLICABLE STANDARD	7
FCC §2.1047 - MODULATION CHARACTERISTIC	9
FCC § 2.1046, § 22.913 (A) & § 24.232 (C) - RF OUTPUT POWER	10
APPLICABLE STANDARD	
TEST PROCEDURE	
TEST EQUIPMENT LIST AND DETAILS	
TEST DATA	
FCC §2.1049, §22.917, §22.905 & §24.238 - BANDWIDTH	13
APPLICABLE STANDARD	
TEST RESULT: COMPLIANT	13
FCC §2.1051, §22.917(A) & §24.238(A) - SPURIOUS EMISSIONS AT ANTENNA TERMINALS	14
APPLICABLE STANDARD	14
TEST RESULT: COMPLIANT	14
FCC §2.1053, §22.917 & §24.238 - SPURIOUS RADIATED EMISSIONS	15
APPLICABLE STANDARDS	15
TEST PROCEDURE	
TEST EQUIPMENT LIST AND DETAILS	
TEST DATA	
FCC §22.917(A) & §24.238(A) - BAND EDGES	
APPLICABLE STANDARD	
TEST RESULT: COMPLIANT	
FCC §2.1055, §22.355 & §24.235 - FREQUENCY STABILITY	
APPLICABLE STANDARD	
Test Result: Comditant	10

Report No.: RSZ120528001-00C

GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

The Advanced Card Systems Ltd.'s product, model number: ACR320 (FCC ID:V5MACR320) or the "EUT" as referred to in this report is a Ticket Validator, which measures approximately: 28.0 cm (L) x 16.5 cm (W) x 5.0 cm (H), rated input voltage: DC 10 ~36 V from vehicular.

Report No.: RSZ120528001-00C

* All measurement and test data in this report was gathered from production sample serial number: 1205074 (Assigned by BACL, Shenzhen). The EUT was received on 2012-05-28.

Objective

This type approval report is prepared on behalf of *Advanced Card Systems Ltd.* 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 compliance with FCC rules for output power, modulation characteristic, occupied bandwidth, and spurious emission at antenna terminal, spurious radiated emission, frequency stability, band edge and radiated margin.

Related Submittal(s)/Grant(s)

FCC Part 15.225 DXX, Part 15.247 DTS and Part 15B JBP submissions with FCC ID: V5MACR320.

The GPRS/EDGE/WCDMA RF module was test in QuieTek Corporation, SuZhou EMC Laboratory with FCC ID: UDV-1009092010007.

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, 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.

FCC Part 22H/24E Page 3 of 19

Test Facility

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

Report No.: RSZ120528001-00C

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.

Additionally, Bay Area Compliance Laboratories Corp. (Shenzhen) is an ISO/IEC 17025 accredited laboratory, and is accredited by National Voluntary Laboratory Accredited Program (Lab Code 200707-0).



The current scope of accreditations can be found at http://ts.nist.gov/Standards/scopes/2007070.htm

FCC Part 22H/24E Page 4 of 19

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.

Equipment Modifications

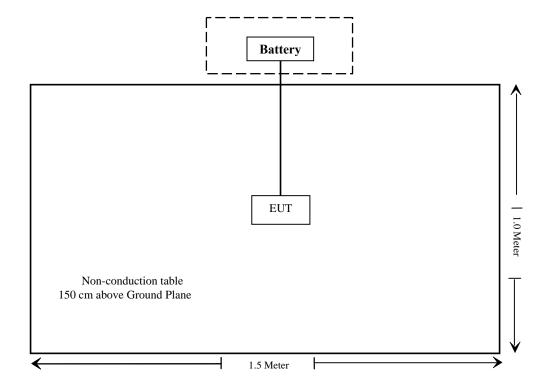
No modifications were made to the EUT.

External I/O Cable

Cable Description	Length (m)	From/Port	То
Unshielded Detachable DC Power Cable	3.0	EUT	Battery

Report No.: RSZ120528001-00C

Block Diagram of Test Setup



FCC Part 22H/24E Page 5 of 19

SUMMARY OF TEST RESULTS

FCC Rules	Description of Test	Result
§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	N/A
§ 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)	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*

Report No.: RSZ120528001-00C

Note:

Compliance*: The GPRS/EDGE/WCDMA RF module was test in QuieTek Corporation, SuZhou EMC Laboratory with FCC ID: UDV-1009092010007 granted on 2010-11-05.

FCC Part 22H/24E Page 6 of 19

FCC §1.1307 & §2.1091 - MAXIMUM PERMISSIBLE EXPOSURE (MPE)

Report No.: RSZ120528001-00C

Applicable Standard

According to §1.1307 (b)(1) and §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 Maximum Permissible Exposure (MPE) (§1.1310, §2.1091)

	(B) Limits for General Population/Uncontrolled Exposure										
Frequency Range (MHz)	Electric Field Strength (V/m)	Magnetic Field Strength (A/m)	Power Density (mW/cm²)	Averaging Time (minutes)							
0.3–1.34	614	1.63	*(100)	30							
1.34–30	824/f	2.19/f	*(180/f²)	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;

According to §1.1310 and §2.1091 RF exposure is calculated.

Calculated Formulary:

Predication of MPE limit at a given distance

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

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);

FCC Part 22H/24E Page 7 of 19

Calculated Data:

Radio	Freq. (MHz)	MPE Limit (mW/cm²)	Output Power (mW)	Duty Cycle	Ant. Gain (dBi)	Ant. Gain (numeric)	Power Density at 20cm	% of MPE at 20cm
Wi-Fi	2412	1.000	31.12	100%	2.0	1.58	0.0010	0.10
GPRS 8	824	1.000	1798.87	12.5%	0	1.00	0.0358	3.58
GPRS 8	1850	0.549	787.05	12.5%	-1.0	0.79	0.0124	2.26
CDDC 10	824	1.000	1188.05	25%	0	1.00	0.0236	2.36
GPRS 10	1850	0.549	717.79	25%	-1.0	0.79	0.0113	2.06
CDDC 12	824	1.000	632.41	50%	0	1.00	0.0126	1.26
GPRS 12	1850	0.549	624.52	50%	-1.0	0.79	0.0098	1.79
WCDMA (Band V)	824	1.000	225.94	100%	0	1.00	0.0045	0.45
WCDMA (Band II)	1850	0.549	188.36	100%	-1.0	0.79	0.0030	0.55

Report No.: RSZ120528001-00C

The MPE calculations in the spreadsheet above demonstrates that the combination of the GPRS/WCDMA with the Wi-Fi radio defined meets the MPE requirements stated in FCC Part 1.1310 at the 20 cm distance required for mobile exposure conditions

FCC Part 22H/24E Page 8 of 19

FCC §2.1047 - MODULATION CHARACTERISTIC

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

Report No.: RSZ120528001-00C

FCC Part 22H/24E Page 9 of 19

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

Applicable Standard

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

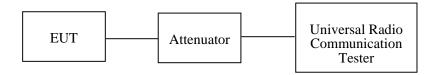
Report No.: RSZ120528001-00C

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-C 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	2012-11-30
Rohde & Schwarz	Signal Analyzer	FSIQ26	8386001028	2011-11-24	2012-11-23
Sunol Sciences	Broadband Antenna	JB1	A040904-1	2012-03-17	2013-03-16
НР	Signal Generator	HP8657A	2849U00982	2011-10-21	2012-10-20
НР	Synthesized Sweeper	8341B	2624A00116	2012-04-11	2013-04-10
COM POWER	Dipole Antenna	AD-100	041000	2011-09-25	2012-09-25
A.H. System	Horn Antenna	SAS-200/571	135	2012-02-11	2013-02-10
Rohde & Schwarz	Universal Radio Communication Tester	CMU200	109038	2012-04-11	2013-04-10

^{*} Statement of Traceability: Bay Area Compliance Laboratories Corp. (Shenzhen) attests that all calibrations have been performed in accordance to NVLAP requirements, traceable to the NIST.

FCC Part 22H/24E Page 10 of 19

Test Data

Environmental Conditions

Temperature:	25 °C
Relative Humidity:	56 %
ATM Pressure:	100.0kPa

The testing was performed by Eric Lee on 2012-06-28.

Conducted Power:

Test data is referred to FCC ID: UDV-1009092010007 granted on 2010-11-05, report No.: 109S016R-HP-US-P07V01, which was tested in QuieTek Corporation, SuZhou EMC Laboratory.

Report No.: RSZ120528001-00C

FCC Part 22H/24E Page 11 of 19

Radiated Power

ERP & EIRP (worse case)

ERP for Cellular Band (Part 22H)

Report No.: RSZ120528001-00C

Indic	cated	ted Table Test Antenna Substituted			Antenna	Cable	Absolute	Part 22H			
Frequency (MHz)	S.A. Reading (dBµV)	Angle Degree	Height (m)	Polar (H/V)	Frequency (MHz)	S.G. Level (dBm)	Ant. Polar (H/V)	Gain Correction (dBd)	Loss (dB)	Level (dBm)	Limit (dBm)
				GPF	RS(GMSK),	High Cl	nannel				
848.8	97.75	185	2.0	Н	848.8	31.3	Н	0	0.9	30.4	38.45
848.8	92.71	182	1.8	V	848.8	27.2	V	0	0.9	26.3	38.45
				ED	GE(8PSK),	High Ch	annel				
848.8	92.64	153	1.6	Н	848.8	26.2	Н	0	0.9	25.3	38.45
848.8	87.75	140	1.5	V	848.8	25.3	V	0	0.9	24.4	38.45
	WCDMA Band V, Low Channel										
826.4	87.15	178	1.9	Н	826.4	20.7	Н	0	0.9	19.8	38.45
826.4	81.87	188	1.7	V	826.4	16.3	V	0	0.9	15.4	38.45

EIRP for PCS Band (Part 24E)

Indic	cated	Table	Test Ai	ntenna	Sı	ıbstituted		Antenna	Cable	Absolute	Part 24E
Frequency (MHz)	S.A. Reading (dBµV)	Angle Degree	Height (m)	Polar (H/V)	Frequency (MHz)	S.G. Level (dBm)	Ant. Polar (H/V)	Gain Correction (dBi)	Loss (dB)	Level (dBm)	Limit (dBm)
				GPF	RS(GMSK),	High Ch	nannel				
1909.8	94.25	185	1.8	Н	1909.8	19.7	Н	9.4	1.0	28.1	33
1909.8	87.04	180	1.6	V	1909.8	17.6	V	9.4	1.0	26.0	33
				ED	GE(8PSK),	Low Ch	annel				
1850.2	88.91	125	1.5	Н	1850.2	14.7	Н	9.4	1.0	23.1	33
1850.2	81.85	153	1.5	V	1850.2	12.5	V	9.4	1.0	20.9	33
				WCD	MA Band	II , Low C	Channel				
1852.4	86.36	174	1.9	Н	1852.4	11.8	Н	9.4	1.03	20.17	33
1852.4	75.24	168	2.0	V	1852.4	5.8	V	9.4	1.03	14.17	33

FCC Part 22H/24E Page 12 of 19

FCC §2.1049, §22.917, §22.905 & §24.238 - BANDWIDTH

Applicable Standard

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

Test Result: Compliant

Please refer to FCC ID: UDV-1009092010007 granted on 2010-11-05, report No.: 109S016R-HP-US-P07V01, which was tested in QuieTek Corporation, SuZhou EMC Laboratory.

Report No.: RSZ120528001-00C

FCC Part 22H/24E Page 13 of 19

FCC §2.1051, §22.917(a) & §24.238(a) - SPURIOUS EMISSIONS AT ANTENNA TERMINALS

Report No.: RSZ120528001-00C

Applicable Standard

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 Result: Compliant

Please refer to FCC ID: UDV-1009092010007 granted on 2010-11-05, report No.: 109S016R-HP-US-P07V01, which was tested in QuieTek Corporation, SuZhou EMC Laboratory.

FCC Part 22H/24E Page 14 of 19

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

Report No.: RSZ120528001-00C

Applicable Standards

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 $dB = 43 + 10 \text{ Log}_{10}$ (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	2012-11-30
Sunol Sciences	Broadband Antenna	JB1	A040904-1	2012-03-17	2013-03-16
Rohde & Schwarz	Signal Analyzer	FSIQ26	8386001028	2011-11-24	2012-11-23
Mini-Circuits	Amplifier	ZVA-213+	T-E27H	2012-03-08	2013-03-07
HP	Signal Generator	HP8657A	2849U00982	2011-10-21	2012-10-20
HP	Amplifier	HP8447D	2944A09795	2011-11-24	2012-11-23
HP	Synthesized Sweeper	8341B	2624A00116	2012-04-11	2013-04-10
COM POWER	Dipole Antenna	AD-100	041000	2011-09-25	2012-09-25
A.H. System	Horn Antenna	SAS-200/571	135	2012-02-11	2013-02-10
Electro-Mechanics	Horn antenna	3116	9510-2270	2011-10-14	2012-11-13
Rohde & Schwarz	Universal Radio Communication Tester	CMU200	109038	2012-04-11	2013-04-10

^{*} Statement of Traceability: Bay Area Compliance Laboratories Corp. (Shenzhen) attests that all calibrations have been performed in accordance to NVLAP requirements, traceable to the NIST.

FCC Part 22H/24E Page 15 of 19

Test Data

Environmental Conditions

Temperature:	25 °C
Relative Humidity:	56 %
ATM Pressure:	100.0kPa

The testing was performed by Eric Lee on 2012-06-28.

Test mode: Transmitting (worse case)

Cellular Band (Part 22H)

Report No.: RSZ120528001-00C

30MHz -10GHz:

GPRS mode:

Indica	ted	Table	Test A	ntenna		Substitu	ted		Absolute		
Frequency (MHz)	S.A. Reading (dBµV)	Angle	Height (m)	Polar (H/V)	Frequency (MHz)	Level (dBm)	Ant. Gain (dB)	Cable Loss (dB)	Level (dBm)	Limit (dBm)	Margin (dB)
					High Char	nnel					
1697.6	47.27	186	1.8	V	1697.6	-54.8	8.8	0.95	-46.95	-13	33.95
1697.6	46.16	133	1.7	Н	1697.6	-57.4	8.8	0.95	-49.55	-13	36.55
3395.2	35.52	172	1.7	V	3395.2	-60.4	11.5	2.22	-51.12	-13	38.12
2546.4	35.78	150	1.2	V	2546.4	-60.6	10.2	1.46	-51.86	-13	38.86
3395.2	33.15	188	1.8	Н	3395.2	-63.7	11.5	2.22	-54.42	-13	41.42
2546.4	35.19	166	1.0	Н	2546.4	-65.5	10.2	1.46	-56.76	-13	43.76

WCDMA mode:

Indica	Indicated Tabl		le Test Antenna		Substituted				Absolute		
Frequency (MHz)	S.A. Reading (dBµV)	Angle	Height (m)	Polar (H/V)	Frequency (MHz)	Level (dBm)	Ant. Gain (dB)	Cable Loss (dB)	Level (dBm)	Limit (dBm)	Margin (dB)
	Low Channel										
1652.8	41.55	191	1.8	V	1652.8	-58.9	9.0	0.97	-50.87	-13	37.87
1652.8	42.72	186	1.9	Н	1652.8	-60.3	9.0	0.97	-52.27	-13	39.27

FCC Part 22H/24E Page 16 of 19

PCS Band (Part 24E)

Report No.: RSZ120528001-00C

30MHz -20GHz:

GPRS mode:

Indicated		Table	Test Antenna			Substitu	ted	Absolute			
Frequency (MHz)	S.A. Reading (dBµV)	Angle	Height (m)	Polar (H/V)	Frequency (MHz)	Level (dBm)	Ant. Gain (dB)	Cable Loss (dB)	Level (dBm)	Limit (dBm)	Margin (dB)
High Channel											
3819.6	41.66	161	1.6	Н	3819.6	-55.6	12.0	2.59	-46.19	-13	33.19
3819.6	38.93	182	1.7	V	3819.6	-57.6	12.0	2.59	-48.19	-13	35.19
5729.4	34.28	163	1.4	V	5729.4	-56.9	12.4	3.94	-48.44	-13	35.44
5729.4	34.71	185	1.5	Н	5729.4	-57.7	12.4	3.94	-49.24	-13	36.24

WCDMA mode:

Indicated		Table	Test Antenna		Substituted				Absolute		
requency (MHz)	S.A. Reading (dBµV)	Angle	Height (m)	Polar (H/V)	Frequency (MHz)	Level (dBm)	Ant. Gain (dB)	Cable Loss (dB)	Level (dBm)	Limit (dBm)	Margin (dB)
Low Channel											
3704.8	38.52	180	1.8	Н	3704.8	-58.7	12.0	2.59	-49.29	-13	36.29
3704.8	36.49	183	1.8	V	3704.8	-60.1	12.0	2.59	-50.69	-13	37.69

FCC Part 22H/24E Page 17 of 19

FCC §22.917(a) & §24.238(a) - BAND EDGES

Applicable Standard

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.

Report No.: RSZ120528001-00C

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 Result: Compliant

Please refer to FCC ID: UDV-1009092010007 granted on 2010-11-05, report No.: 109S016R-HP-US-P07V01, which was tested in QuieTek Corporation, SuZhou EMC Laboratory.

FCC Part 22H/24E Page 18 of 19

FCC §2.1055, §22.355 & §24.235 - FREQUENCY STABILITY

Applicable Standard

FCC § 2.1055 (a), § 2.1055 (d), §22.355, §24.235

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

Report No.: RSZ120528001-00C

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 Result: Compliant

Please refer to FCC ID: UDV-1009092010007 granted on 2010-11-05, report No.: 109S016R-HP-US-P07V01, which was tested in QuieTek Corporation, SuZhou EMC Laboratory.

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

FCC Part 22H/24E Page 19 of 19