

**Giant Electronics Ltd.**

Application  
For  
Permissive Change Class II

Two Way Radio with GMRS, FRS, and Weather Band Receiver

**(FCC ID: K7GT6500)**

0616060  
TL/ Ann Choy  
September 20, 2006

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**Intertek Testing Services Hong Kong Ltd.**

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## INTERTEK TESTING SERVICES

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## INTERTEK TESTING SERVICES

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### MEASUREMENT/TECHNICAL REPORT

**Application** : Giant Electronics Ltd.  
**Trade Name/Model No** : Motorola/ T6500  
Motorola/ T6510  
Motorola/ T6550  
Motorola/ T6530  
**Date** : September 20, 2006

This report concerns (check one:) Original Grant \_\_\_\_\_ Class II Change  X

Equipment Type: FRF – Part 95 Family Radio Face Held Transmitter

Deferred grant requested per 47 CFR 0.457(d)(1)(ii)? Yes \_\_\_\_\_ No  X   
If yes, defer until: \_\_\_\_\_  
date

Company Name agrees to notify the Commission by: \_\_\_\_\_  
date

of the intended date of announcement of the product so that the grant can be issued on that date.

\_\_\_\_\_

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## INTERTEK TESTING SERVICES

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List of attached file

Exhibit type	File Description	Filename
Operation Description	Technical Description	descri.pdf
Operation Description	Purpose of Application	product change.pdf
Test Report	Bandwidth Plot	bw.pdf
Test Report	Modulation Frequency Response	mfr.pdf
Test Report	Modulation Limit Characteristic	mlc.pdf
Test Report	Spurious Emission	spurious.pdf
Block Diagram	Block Diagram	block.pdf
Schematics	Circuit Diagram	circuit.pdf
User Manual	User Manual	manual.pdf
Test Report	Test Report	report.pdf
Test Setup Photo	Radiated Emission	config photos.doc
Internal Photo	Internal Photo	internal photos.doc
External Photo	External Photo	external photos.doc
Test Report	Tune Up Procedure	tuneup.pdf
Test Report	Part List	partlist.pdf
Test Report	Audio Low Pass Filter Response	lpf.pdf
Cover Letter	Confidentiality Request	request.pdf
RF Exposure Info	SAR Test Report	SAR report 1-2.pdf SAR report 2-2.pdf

# **INTERTEK TESTING SERVICES**

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## **EXHIBIT 1**

### **GENERAL DESCRIPTION**

## INTERTEK TESTING SERVICES

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### 1.0 **General Description**

#### 1.1 Product Description

The Equipment Under Test (EUT) is a Two Way Radio with GMRS, FRS, and Weather Band Receiver operating between 462.5500MHz and 467.7125MHz. The EUT is powered by 3.6V (1 x 3.6V "Ni-MH" type rechargeable battery) or 4.5V (3 x "AA" size 1.5V alkaline batteries). According to the user manual instructions, the EUT is turned off while in charging tray.

##### Transmitter Portion

- (i) Type of Emission : GMRS: 5K20F3E; FRS: 5K50F3E
- (ii) Frequency Range : GMRS 7 Channels from 462.5500MHz to 462.7250MHz  
FRS 7 Channels from 467.5625MHz to 467.7125MHz
- (iii) Maximum Power Rating : GMRS: 0.57W ERP, FRS: 0.40W ERP
- (iv) Antenna Type : Integral

The Model: Motorola/ T6510, Motorola/ T6550, and Motorola/ T6530 are the same as the Model: Motorola/ T6500 in hardware aspect except different font penal cosmetic and color on the Model: Motorola/ T6550 and Motorola/ T6530, and without vibrator on the Model: Motorola/ T6510. The difference in model number serves as marketing strategy.

The brief circuit description is saved with filename: descri.pdf

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## INTERTEK TESTING SERVICES

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### 1.2 Purpose of Application

The purpose of application is saved with filename: purpose of change.pdf.

As the RF module remained unchanged, only results of modulation characteristic, occupied bandwidth, spurious emission, and frequency stability were included in this report.

### 1.3 Test Methodology

Radiated emission measurements were performed according to the procedures in ANSI C63.4 (2003) and ANSI/TIA-603-B-2002. All measurement were performed in Open Area Test Sites. Preliminary scans were performed in the Open Area Test Sites only to determine worst case modes. For each scan, the procedure of maximizing emissions in Appendices D and E were followed. All Radiated tests were performed at an antenna the EUT distance of 3 meters, unless stated otherwise in the “**Justification Section**” of this Application.

### 1.4 Test Facility

The open area test site and conducted measurement facility used to collect the emission data is located at Garment Centre, 576 Castle Peak Road, Kowloon, Hong Kong. The test facility and site measurement data have been fully placed on file with the FCC.



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## **INTERTEK TESTING SERVICES**

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### **EXHIBIT 2**

### **SYSTEM TEST CONFIGURATION**

## INTERTEK TESTING SERVICES

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### 2.0 **System Test Configuration**

#### 2.1 Justification

The device was configured for testing in a typical fashion (as a customer would normally use it). The device was placed on a turntable, which enabled the engineer to maximize emissions through its placement in the three orthogonal axes. When the radiated emissions are measured.

The device was powered by 3 new "AA" size 1.5V alkaline batteries.

The frequency range from 30 MHz to 4.69 GHz was searched for spurious emissions from the device. Only those emissions reported were detected. All other emissions were at least 20 dB below the applicable limits.

## INTERTEK TESTING SERVICES

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### 2.2 EUT Exercising Software

There was no special software to exercise the device. Once the unit is powered on, a signal is transmitted.

### 2.3 Special Accessories

No special accessory is needed for compliance of this device.

### 2.4 Measurement Uncertainty

When determining of the test conclusion, the Measurement Uncertainty of test has been considered.

Uncertainty and Compliance - Unless the standard specifically states that measured values are to be extended by the measurement uncertainty in determining compliance, all compliance determinations are based on the actual measured value.

### 2.5 Equipment Modification

Any modification installed previous to testing by Giant Electronics Ltd. will be incorporated in each production model sold/leased in the United States.

No modification were installed by Intertek Testing Services Hong Kong Ltd.

### 2.6 Support Equipment

A headset with 1.2m unshielded cable. (Supplied by Client)

*Confirmed by:*

*Leung Wai Leung, Tommy  
Assistant Manager  
Intertek Testing Services Hong Kong Ltd.  
Agent for Giant Electronics Ltd.*



\_\_\_\_\_ Signature

\_\_\_\_\_ September 20, 2006 \_\_\_\_\_ Date

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## **INTERTEK TESTING SERVICES**

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### **EXHIBIT 3**

### **MODULATION CHARACTERISTICS**

## INTERTEK TESTING SERVICES

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### 3.0 **Modulation Characteristics**

In order to satisfy the 95.637(a) requirement, Modulation Frequency Response and Modulation Limit Characteristics are attached in Exhibit 4.1 & 4.2.

Plots for each tests are saved with filename: mfr.pdf and mlc.pdf

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## INTERTEK TESTING SERVICES

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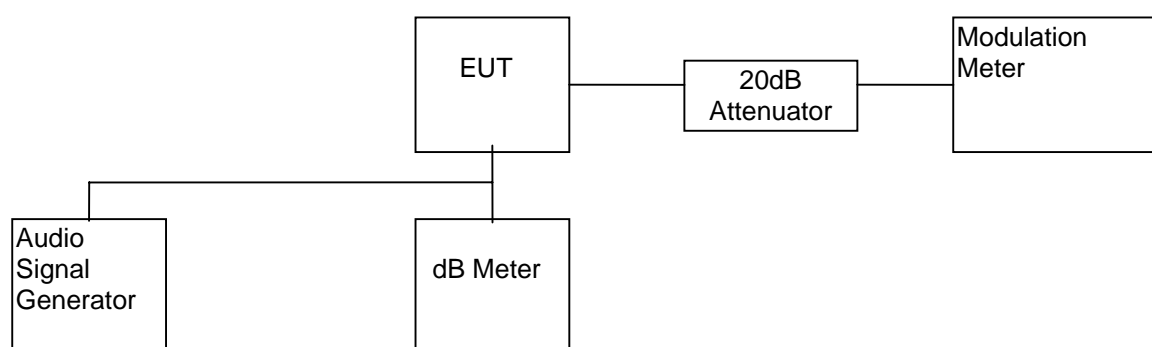
### 3.1 Modulation Frequency Response

#### A. Test Equipment

Equipment	Brand Name	Model No.
Audio Signal Generator	HP	HP8904A
AC Millivoltmeter	Leader	LMV-182A
20 dB RF Attenuator	Bird	8304-200-N
Radiocommunication Service Monitor	R&S	CMS54

#### B. Testing Procedure

- 1) Set-up the test equipment in the following configuration:



- 2) Set the audio signal generator frequency to the sound pressure level 117dB SPL at the microphone of the EUT.
- 3) The frequency of the audio signal generator is changed from 300Hz to 5kHz.
- 4) Record the frequency deviation.

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## INTERTEK TESTING SERVICES

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### C. Test Result

Table 1

**Giant Electronics Ltd.  
Motorola/ T6500**

### Modulation Frequency Response

Test Channel : 4  
Input level = 117dB SPL

Modulation Frequency (Hz)	Modulation index (%)
300	2.62
400	4.49
500	4.64
600	3.76
700	3.10
800	2.62
900	2.25
1000	2.02
1250	1.68
1500	1.40
1750	1.19
2000	0.93
2250	0.76
2500	0.58
2750	0.50
3000	0.48
3125	0.44
3250	0.42
3500	0.35
4000	0.28
5000	0.20

Test Engineer: Kenneth C. C. Lam

Date of Test: July 26-September 13, 2006

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## INTERTEK TESTING SERVICES

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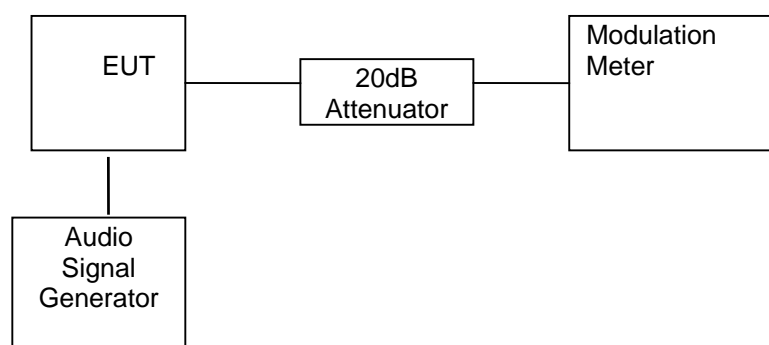
### 3.2 Modulation Limiting Characteristics (Section 2.1047(b))

#### A. Test Equipment

Equipment	Brand Name	Model No.
Audio Signal Generator	HP	HP8904A
20 dB RF Attenuator	Bird	8304-200-N
Radiocommunication Service Monitor	R&S	CMS54

#### B. Testing Procedure

- 1) Set-up the test equipment in the following configuration:



- 2) Set the frequency of the audio signal generator to 500Hz and adjust the level from 47dBSPL to 137dBSPL.
- 3) Record the maximum value of plus or minus peak frequency deviation.
- 4) Repeat the above procedure with frequency 1000Hz, 2500Hz & 3125Hz.



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## INTERTEK TESTING SERVICES

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### C. Test Result

**Table 2**

**Giant Electronics Ltd.  
Motorola/ T6500**

### **Modulation Limiting Characteristics**

Test Channel : 4

<b>Modulation Input (dBSPL)</b>	<b>Peak Frequency Deviation (kHz) at 500Hz</b>	<b>Peak Frequency Deviation (kHz) at 1000Hz</b>	<b>Peak Frequency Deviation (kHz) at 2500Hz</b>	<b>Peak Frequency Deviation (kHz) at 3125Hz</b>
47	0.056	0.056	0.054	0.055
57	0.059	0.057	0.056	0.059
67	0.060	0.066	0.059	0.060
77	0.060	0.121	0.067	0.067
87	0.088	0.628	0.099	0.120
97	0.458	1.560	0.543	0.606
107	1.073	1.972	1.214	1.147
117	2.318	2.023	1.440	1.372
127	2.402	2.192	1.626	1.343
137	2.490	2.232	1.729	1.547

Test Engineer: Kenneth C. C. Lam

Date of Test: July 26-September 13, 2006

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## INTERTEK TESTING SERVICES

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### 3.3 Audio Low Pass Filter Response (Section 95.637(b))

#### A. Test Equipment

Equipment	Brand Name	Model No.
Audio Signal Generator	HP	HP8904A
AC Millivoltmeter	Leader	LMV-182A

#### B. Testing Procedure

- 1) Connect the audio signal generator to the input of the post limiter low pass filter and the dB meter to the output of the post limiter low pass filter.
- 2) Apply a 1000 Hz tone from the audio signal generator and adjust the level per manufacturer's specifications. Record the dB level of the 1000 Hz tone as  $LEV_{REF}$ .
- 3) Set the audio signal generator to the desired test frequency between 3000 Hz and the upper low pass filter limit. Record the dB level at the test frequency as  $LEV_{FREQ}$ .
- 4) Calculate the audio frequency response at the test frequency as:

$$low\ pass\ filter\ response = LEV_{FREQ} - LEV_{REF}$$

- 1) Repeat the above procedure for all the desired test frequencies.

#### C. Test Result

For electronic filing, the audio low pass frequency response is saved with filename: lpf.pdf.

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## **INTERTEK TESTING SERVICES**

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### **EXHIBIT 4**

### **OCCUPIED BANDWIDTH**

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## INTERTEK TESTING SERVICES

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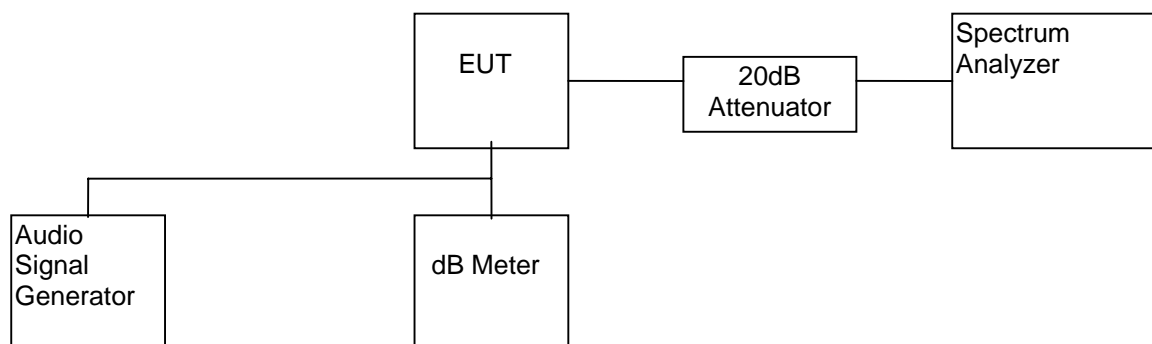
### 4.0 Occupied Bandwidth (Section 95.633(c))

#### A. Test Equipment

Equipment	Brand Name	Model No.
Audio Signal Generator	HP	HP8904A
AC Millivoltmeter	Leader	LMV-182A
20 dB RF Attenuator	Bird	8304-200-N
Spectrum Analyzer	HP	8951EM

#### B. Testing Procedure

- 1) Set-up the test equipment in the following configuration:



- 2) Set the level of audio signal generator to obtain 16 dB greater than required for 50% modulation.
- 3) The occupied bandwidth is measured with the spectrum analyzer set at 2kHz/div scan and 10dB/div.

#### C. Test Result

The occupied Bandwidth is measured to be 5.2 kHz for GMRS and 5.5 kHz for FRS.

For the electronic filing, the bandwidth plot is saved with filename: bw.pdf

Test Engineer: Kenneth C. C. Lam

Date of Test: July 26-September 13, 2006

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## **INTERTEK TESTING SERVICES**

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### **EXHIBIT 5**

### **SPURIOUS EMISSION**

## INTERTEK TESTING SERVICES

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### 5.0 **Spurious Emission (Section 95.635)**

In order to satisfy the 95.635 requirement, the spurious emission from the EUT are measured and shown in the Exhibit 6.1.

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## INTERTEK TESTING SERVICES

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### 5.1 Field Strength of Spurious Radiation (Section 95.635)

#### A. Test Equipment

Equipment	Brand Name	Model No.
Antenna	EMCO	A100, 3148, 3104C, 3115
Spectrum Analyzer	ADVANTEST	U3661
Test receiver	Rohde & Schwarz	ESVS30
RF Filter	Trilithic	3VF500/1000-5-50-CC
Signal Generator	IFR	2023B

#### B. Testing Procedure

Radiated emission measurements were performed according to the procedures in ANSI C63.4(2003). All measurements were performed in Open Area Test Sites located at Roof Top of Garment Centre, 576 Castle Peak Road, Kowloon, Hong Kong.

## **INTERTEK TESTING SERVICES**

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### **C. Radiated Emission Configuration Photograph**

#### **Worst Case Radiated Emission**

For electronic filing, the radiated emission configurations photograph is saved with filename: config photos.doc



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## INTERTEK TESTING SERVICES

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### C. Test Result

**Giant Electronics Ltd.  
Motorola/ T6500**

**Table 3(a)**

1) Unwanted emission from CARRIER  $\pm 6.25\text{kHz}$  to CARRIER  $\pm 31.25\text{kHz}$

(Refer to the plots which is saved with filename: spurious.pdf)

Region	Unwanted emission	
	Channel 4	Channel 11
CARRIER $\pm 6.25\text{kHz}$ to $\pm 12.5\text{kHz}$	<25dB	<25dB
CARRIER $\pm 12.5\text{kHz}$ to $\pm 31.25\text{kHz}$	<35dB	<35dB

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## INTERTEK TESTING SERVICES

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**Table 3(b): Channel 4**

<b>Frequency (MHz)</b>	<b>Effective Radiated Power (dBm)</b>	<b>Transmission Power (dBm)</b>	<b>Attenuation (dBc)</b>	<b>Limit (dB)</b>	<b>Margin (dB)</b>
231.298	-51.5	27.5	79.0	40.5	-38.5
693.958	-51.2	27.5	78.7	40.5	-38.2
925.280	-29.6	27.5	57.1	40.5	-16.6
1156.490	-49.0	27.5	76.5	40.5	-36.0
1387.788	-26.9	27.5	54.4	40.5	-13.9
1619.086	-48.8	27.5	76.3	40.5	-35.8
1850.385	-35.6	27.5	63.1	40.5	-22.6
2081.682	-41.8	27.5	69.3	40.5	-28.8
2312.980	-31.0	27.5	58.5	40.5	-18.0
2544.278	-32.5	27.5	60.0	40.5	-19.5
2775.576	-25.5	27.5	53.0	40.5	-12.5
3006.874	-40.2	27.5	67.7	40.5	-27.2
3238.172	-21.6	27.5	49.1	40.5	-8.6
3469.470	-36.6	27.5	64.1	40.5	-23.6
3700.768	-15.4	27.5	42.9	40.5	-2.4
3932.066	-38.8	27.5	66.3	40.5	-25.8
4163.364	-33.9	27.5	61.4	40.5	-20.9
4394.662	-38.8	27.5	66.3	40.5	-25.8
4625.960	-36.0	27.5	63.5	40.5	-23.0

- Remark: 1. Transmission power is 27.5 dBm or -2.5 dB(W).
2. According to Section 95.635(b7), the unwanted emission should be attenuated below TP by at least  $43 + 10 \log_{10} (TP)$  dB or 40.5 dB.
3. The test is performed according to ANSI/TIA-603-B-2002.

Test Engineer: Kenneth C. C. Lam

Date of Test: July 26-September 13, 2006

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## INTERTEK TESTING SERVICES

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**Table 3(b): Channel 11**

<b>Frequency (MHz)</b>	<b>Effective Radiated Power (dBm)</b>	<b>Transmission Power (dBm)</b>	<b>Attenuation (dBc)</b>	<b>Limit (dB)</b>	<b>Margin (dB)</b>
233.818	-48.9	26.0	74.9	39.0	-35.9
701.454	-41.8	26.0	67.8	39.0	-28.8
935.272	-35.0	26.0	61.0	39.0	-22.0
1169.090	-48.2	26.0	74.2	39.0	-35.2
1402.908	-30.5	26.0	56.5	39.0	-17.5
1636.726	-42.2	26.0	68.2	39.0	-29.2
1870.544	-36.5	26.0	62.5	39.0	-23.5
2104.362	-41.6	26.0	67.6	39.0	-28.6
2338.180	-29.3	26.0	55.3	39.0	-16.3
2571.998	-32.0	26.0	58.0	39.0	-19.0
2805.816	-27.0	26.0	53.0	39.0	-14.0
3039.634	-33.2	26.0	59.2	39.0	-20.2
3273.452	-18.8	26.0	44.8	39.0	-5.8
3507.270	-41.6	26.0	67.6	39.0	-28.6
3741.088	-17.2	26.0	43.2	39.0	-4.2
3974.906	-40.0	26.0	66.0	39.0	-27.0
4208.724	-31.6	26.0	57.6	39.0	-18.6
4442.542	-41.5	26.0	67.5	39.0	-28.5
4676.360	-36.0	26.0	62.0	39.0	-23.0

- Remark: 1. Transmission power is 26 dBm or -4 dB(W).
2. According to Section 95.635(b7), the unwanted emission should be attenuated below TP by at least  $43 + 10 \log_{10} (TP)$  dB or 39 dB.
3. The test is performed according to ANSI/TIA-603-B-2002.

Test Engineer: Kenneth C. C. Lam

Date of Test: July 26-September 13, 2006

## **INTERTEK TESTING SERVICES**

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### **EXHIBIT 6**

### **FREQUENCY STABILITY**

## INTERTEK TESTING SERVICES

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### 6.0 **Frequency Stability**

The frequency tolerance was tested in normal condition & over extreme ambient conditions with respect to voltage and temperature variation.

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## INTERTEK TESTING SERVICES

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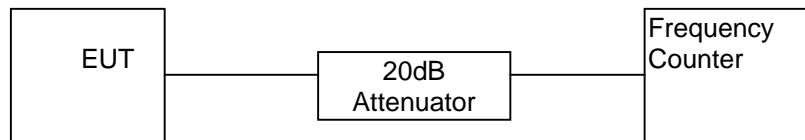
### 6.1 Frequency Tolerance (Section 95.627)

#### A. Test Equipment

Equipment	Brand Name	Model No.
20 dB RF Attenuator	Bird	8304-200-N
Frequency Counter	OPTOELECTRONICS	3000A

#### B. Testing Procedure

- 1) Set-up the test equipment in the following configuration:



- 2) Measure all transmit channel frequencies in MHz.

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## INTERTEK TESTING SERVICES

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### C. Test Result

Table 4

**Giant Electronics Ltd.  
Motorola/ T6500**

#### Frequency Tolerance

Channel	Frequency (MHz)	Measured Frequency (MHz)	Tolerance (%)
1	462.5625	462.56242	-0.000017
2	462.5875	462.58742	-0.000017
3	462.6125	462.61242	-0.000017
4	462.6375	462.63742	-0.000017
5	462.6625	462.66242	-0.000017
6	462.6875	462.68742	-0.000017
7	462.7125	462.71242	-0.000017
8	467.5625	467.56242	-0.000017
9	467.5875	467.58742	-0.000017
10	467.6125	467.61242	-0.000017
11	467.6375	467.63742	-0.000017
12	467.6625	467.66242	-0.000017
13	467.6875	467.68742	-0.000017
14	467.7125	467.71242	-0.000017
15	462.5500	462.54992	-0.000017
16	462.5750	462.57492	-0.000017
17	462.6000	462.59992	-0.000017
18	462.6250	462.62492	-0.000017
19	462.6500	462.64992	-0.000017
20	462.6750	462.67492	-0.000017
21	462.7000	462.69992	-0.000017
22	462.7250	462.72492	-0.000017

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## INTERTEK TESTING SERVICES

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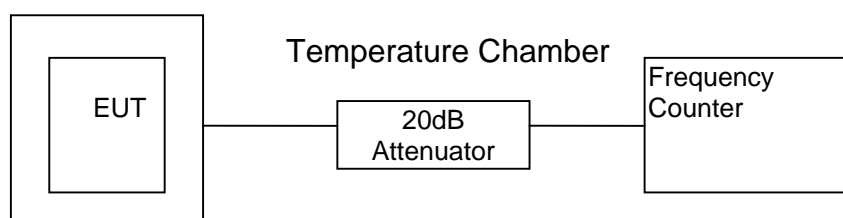
### 6.2 Frequency Stability - Temperature (Section 2.1055)

#### A. Test Equipment

Equipment	Brand Name	Model No.
20 dB RF Attenuator	Bird	8304-200-N
Frequency Counter	OPTOELECTRONICS	3000A

#### B. Testing Procedure

- 1) Set-up the test equipment in the following configuration:



- 2) Set the Temperature Chamber to 20°C and stabilize the EUT temperature for one hour. Set transmitter ON for two minutes.
- 3) Measure the channel frequency of channel 4, 11 in MHz.
- 4) Turn the EUT OFF.
- 5) Repeat the above procedure from -20°C to 50°C with 10°C increment.



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## INTERTEK TESTING SERVICES

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### C. Test Result

**Table 5(a)**

**Giant Electronics Ltd.  
Motorola/ T6500**

### **Frequency Deviation with Temperature Variation**

Channel : 4

Temperature (°C)	Assigned Frequency (MHz)	Measured Frequency (MHz)	Deviation (%)	*Frequency Tolerance with reference to its value at +20°C (ppm)
-20	462.6375	462.63635	-0.000249	-2.3
-10	462.6375	462.63695	-0.000119	-1.0
0	462.6375	462.63777	0.000058	0.8
10	462.6375	462.63766	0.000035	0.5
20	462.6375	462.63742	-0.000017	0.0
30	462.6375	462.63700	-0.000108	-0.9
40	462.6375	462.63689	-0.000132	-1.1
50	462.6375	462.63719	-0.000067	-0.5

\*Remark: This column is presentable for Industry Canada Certification only.

Test Engineer: Kenneth C. C. Lam

Date of Test: July 26-September 13, 2006

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## INTERTEK TESTING SERVICES

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### C. Test Result

**Table 5(b)**

**Giant Electronics Ltd.  
Motorola/ T6500**

### **Frequency Deviation with Temperature Variation**

Channel : 11

Temperature (°C)	Assigned Frequency (MHz)	Measured Frequency (MHz)	Deviation (%)	*Frequency Tolerance with reference to its value at +20°C (ppm)
-20	467.6375	467.63635	-0.000246	-2.3
-10	467.6375	467.63695	-0.000118	-1.0
0	467.6375	467.63777	0.000058	0.7
10	467.6375	467.63766	0.000034	0.5
20	467.6375	467.63742	-0.000017	0.0
30	467.6375	467.63700	-0.000107	-0.9
40	467.6375	467.63689	-0.000130	-1.1
50	467.6375	467.63719	-0.000066	-0.5

\*Remark: This column is presentable for Industry Canada Certification only.

Test Engineer: Kenneth C. C. Lam

Date of Test: July 26-September 13, 2006

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## INTERTEK TESTING SERVICES

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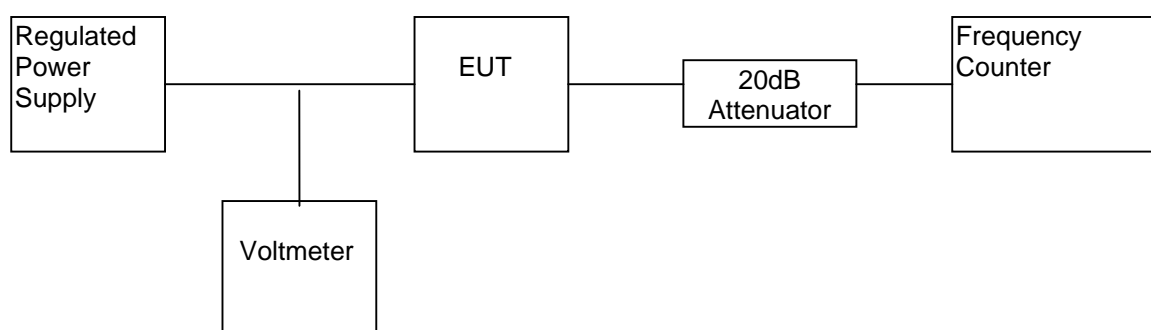
### 6.3 Frequency Stability - Voltage (Section 2.995)

#### A. Test Equipment

Equipment	Brand Name	Model No.
Regulated Power Supply	PAD	30-35L
20 dB RF Attenuator	Bird	8304-200-N
Voltage meter	Fluke	87
Frequency Counter	OPTOELECTRONICS	3000A

#### B. Testing Procedure

- 1) Set-up the test equipment in the following configuration:



- 2) Vary the level of regulated power supply to the manufacturer specified battery end point of the EUT.
- 3) Measure the channel frequency of channel 4 and 11 in MHz.

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## INTERTEK TESTING SERVICES

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### C. Test Result

**Table 6**

**Giant Electronics Ltd.  
Motorola/ T6500**

### **Frequency Deviation with Voltage Variation**

The manufacturer specified battery end point 3.51V

Channel	Frequency (MHz)	Measured Frequency (MHz)	Tolerance (%)
4	462.63750	462.63738	-0.000026
11	467.63750	467.63738	-0.000026

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## **INTERTEK TESTING SERVICES**

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### **EXHIBIT 7**

### **TECHNICAL SPECIFICATIONS**

## INTERTEK TESTING SERVICES

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### 7.0 Technical Specifications

## INTERTEK TESTING SERVICES

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### 7.1 Block Diagram

For electronic filing, the block diagram of the transceiver is saved with filename: block.pdf

Figure 7.1 Block Diagram

### 7.2 Schematic Diagram

For electronic filing, the schematic diagram of the transceiver is saved with filename: circuit.pdf

Figure 7.2 Schematic Diagram



## **INTERTEK TESTING SERVICES**

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### **EXHIBIT 8**

### **PHOTOGRAPHS**

## INTERTEK TESTING SERVICES

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### 8.0 Equipment Photographs

For electronic filing, photographs of the tested EUT are saved with filename: external photos.doc and internal photos.doc

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## **INTERTEK TESTING SERVICES**

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### **EXHIBIT 9**

### **INSTRUCTION MANUAL**

## INTERTEK TESTING SERVICES

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### 9.0 **Instruction Manual**

This manual will be provided to the end-user with each unit sold/leased in the United States.

For electronic filing, a preliminary copy of the Instruction Manual is saved with filename: manual.pdf

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## **INTERTEK TESTING SERVICES**

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### **EXHIBIT 10**

### **TUNE UP PROCEDURE**

## INTERTEK TESTING SERVICES

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### 10.0 Tune Up Procedure

For electronic filing, a preliminary copy of the Tune Up Procedure is saved with filename: tuneup.pdf

## **INTERTEK TESTING SERVICES**

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### **EXHIBIT 11**

### **PART LIST**

## INTERTEK TESTING SERVICES

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### 11.0 Part List

For electronic filing, a preliminary copy of the Part List is saved with filename: partlist.pdf



**EXHIBIT 12**  
**INPUT CURRENT**

## INTERTEK TESTING SERVICES

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### 12.0 Input Current

The input current to final r.f. stage at 4.5VDC is 0.52A.

## **INTERTEK TESTING SERVICES**

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### **EXHIBIT 13**

### **RF EXPOSURE INFO**

## INTERTEK TESTING SERVICES

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### 13.0 RF Exposure Info

The RF Safety Information is shown on P.1 of User Manual.

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## **INTERTEK TESTING SERVICES**

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### **EXHIBIT 14**

### **CONFIDENTIALITY REQUEST**

## INTERTEK TESTING SERVICES

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### 14.0 Confidentiality Request

For electronic filing, a confidentiality request is saved with filename: request.pdf