



# FCC PART 95

# MEASUREMENT AND TEST REPORT

For

# Altis Technology (Hong Kong) Ltd.

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# FCC ID: 2AHJMDXFHJJ

<b>Report Type:</b> Original Report		<b>Product Type:</b> Walkie Talkie Two-way Radio
Report Number:	RDG1807160	04-00A
Report Date:	2018-08-31	
Reviewed By: Test Laboratory:	Bay Area Con No.69 Pulong	npliance Laboratories Corp. (Dongguan) cun, Puxinhu Industry Area, gguan, Guangdong, China 86858888 -86858891

**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. (Dongguan). This report must not be used by the customer to claim product certification, approval, or endorsement by A2LA\* or any agency of the Federal Government. \* This report may contain data that are not covered by the A2LA accreditation and are marked with an asterisk "\*".

Bay Area Compliance Laboratories Corp. (Dongguan)

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## **GENERAL INFORMATION**

	EUT Name:	Walkie Talkie Two-way Radio		
EUT Model:		DXFRS800		
Multiple Models:		DXFRS805		
	FCC ID:	2AHJMDXFHJJ		
Rated	Input Voltage:	DC 3.7V from battery or DC 5V from adapter		
Adapter	Model:	K05S050100U		
Information #1 (with detachable	Input:	100-240VAC, 50/60Hz, 0.2A		
cable):	Output:	5VDC,1.0A		
Adapter	Model:	K05S050100U		
Information #2(with attachment	Input:	100-240VAC, 50/60Hz, 0.2A		
USB cable):	Output:	5VDC,1.0A		
External Dimension:		184mm(L)*60.5mm(W)*34mm(H)		
	Serial Number:	180716004		
EUT	Received Date:	2018-07-17		

#### **Product Description for Equipment Under Test (EUT)**

Note: The series product, model DXFRS800, DXFRS805 are electrically identical, we selected DXFRS800 for fully testing, the differences details was explained in the declaration letter.

#### Objective

This report is prepared on behalf of *Altis Technology (Hong Kong) Ltd.* in accordance with Part 2 and Part 95, Subpart A and B of the Federal Communication Commissions rules.

#### **Related Submittal(s)/Grant(s)**

No related submittal(s).

#### **Test Methodology**

All tests and measurements indicated in this document were performed in accordance with Part 95 Subpart B and Subpart E of the Federal Communication Commissions rules with TIA-603-D, Land Mobile FM or PM-Communications Equipment-Measurement and Performance Standards.

All emissions measurement was performed and Bay Area Compliance Laboratories Corp. (Dongguan).

#### **Measurement Uncertainty**

Parameter	Measurement Uncertainty
Occupied Channel Bandwidth	±5 %
RF output power, conducted	±0.61dB
Unwanted Emissions, radiated	30MHz ~ 1GHz:5.85 dB 1G~26.5GHz: 5.23 dB
Unwanted Emissions, conducted	±1.5 dB
Temperature	$\pm 1^\circ \mathbb{C}$
Humidity	±5%
DC and low frequency voltages	±0.4%
Duty Cycle	1%

#### **Test Facility**

The Test site used by Bay Area Compliance Laboratories Corp. (Dongguan) to collect test data is located on the No.69 Pulongcun, Puxinhu Industry Area, Tangxia, Dongguan, Guangdong, China.

The test site has been approved by the FCC under the KDB 974614 D01 and is listed in the FCC Public Access Link (PAL) database, FCC Registration No. : 897218,the FCC Designation No. : CN1220.

The test site has been registered with ISED Canada under ISED Canada Registration Number 3062D.

# SYSTEM TEST CONFIGURATION

#### **Description of Test Configuration**

The system was configured for testing in a typical fashion (as normally used by a typical user).

EUT Specification:

Frequency Band:	462.5500-462.7250MHz; 467.5625-467.7125MHz	
Modulation Mode:	FM	
Channel Spacing:	12.5kHz	
Emission Designator:	11K0F3E	

The device uses total 22 FRS channels as below:

Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)
1	462.5625	12	467.6625
2	462.5875	13	467.6875
3	462.6125	14	467.7125
4	462.6375	15	462.5500
5	462.6625	16	462.5750
6	462.6875	17	462.6000
7	462.7125	18	462.6250
8	467.5625	19	462.6500
9	467.5875	20	462.6750
10	467.6125	21	462.7000
11	467.6375	22	462.7250

### **Equipment Modifications**

No modification was made to the EUT tested.

# Bay Area Compliance Laboratories Corp. (Dongguan)

#### Report No.: RDG180716004-00A

# **Block Diagram of Test Setup**

		$\square$
		±
	EUT	1.0 Meter
		leter
Non-conductive Table		
150 cm above Ground Plane		
←	1.5 Meters	

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# SUMMARY OF TEST RESULTS

FCC Rules	Description of Test	Results
§2.1093	RF Exposure	Compliance
§2.1046, §95.567	RF Output Power	Compliance
§2.1047, §95.575	Modulation Characteristic	Compliance
§2.1049, §95.573, §95.579	Authorized Bandwidth & Emission Mask	Compliance
§2.1053, §95.579	Spurious Radiated Emissions	Compliance
§2.1055(d), §95.565	Frequency Stability	Compliance

# FCC §2.1093 - RF EXPOSURE INFORMATION

#### **Applicable Standard**

According to FCC §2.1093 and §1.1307(b) (1), systems operating under the provisions of this section shall be operated in a manner that ensure that the public is not exposed to radio frequency energy level in excess of the Commission's guideline.

#### **Test Result**

Please refer to SAR Report Number: RDG180716004-20A.

## FCC §2.1046, §95.567 - RF OUTPUT POWER

#### **Applicable Standard**

Acorrding to FCC §95.567

Each FRS transmitter type must be designed such that the effective radiated power (ERP) on channels 8 through 14 does not exceed 0.5 Watts and the ERP on channels 1 through 7 and 15 through 22 does not exceed 2.0 Watts.

#### **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 emissions were measured by the substitution.

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Agilent	Signal Generator	E8247C	MY43321350	2017-09-23	2018-09-22
EMCO	Adjustable Dipole Antenna	3121C	9109-753	N/A	N/A
Sunol Sciences	Antenna	JB3	A060611-2	2017-08-25	2020-08-25
R&S	EMI Test Receiver	ESCI	100224	2017-12-11	2018-12-11
Unknown	Coaxial Cable	C-NJNJ-50	C-0400-01	2017-09-05	2018-09-05
Unknown	Coaxial Cable	C-NJNJ-50	C-0075-01	2017-09-05	2018-09-05
Unknown	Coaxial Cable	C-NJNJ-50	C-1000-01	2017-09-05	2018-09-05

#### **Test Equipment List and Details**

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

#### **Test Data**

#### **Environmental Conditions**

Temperature:	27.9 °C	
<b>Relative Humidity:</b>	59 %	
ATM Pressure:	100.1kPa	

The testing was performed by Tiago Huang on 2018-07-26.

### Bay Area Compliance Laboratories Corp. (Dongguan)

Report No.: RDG180716004-00A

Test Mode: Transmitting

#### ERP:

Ba		Receiver	Substituted Method			Absolute		
Frequency (MHz)	Polar (H/V)	Reading (dBµV)	Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)	Level (dBm)	Limit (dBm)	Margin (dB)
	Frequency:462.6375MHz							
462.6375	Н	99.98	18.7	0.0	0.7	18.0	33.00	15.0
462.6375	V	108.48	30.1	0.0	0.7	29.4	33.00	3.6
	Frequency:467.6375MHz							
467.6375	Н	98.35	17.2	0.0	0.7	16.5	27.00	10.5
467.6375	V	102.95	24.7	0.0	0.7	24.0	27.00	3.0

Test Result: Compliance.

# FCC §2.1047 & §95.575 - MODULATION CHARACTERISTIC

#### **Applicable Standard**

Per FCC §2.1047 and §95.575:

Each FRS transmitter type must be designed such that the peak frequency deviation does not exceed 2.5 kHz, and the highest audio frequency contributing substantially to modulation must not exceed 3.125 kHz.

#### **Test Equipment List and Details**

Manufacturer	Description	Model No.	Serial No.	Calibration Date	Calibration Due Date
HP	RF Communications Test Set	8920A	00 235	2018-07-11	2019-07-11
LEADER	Millivoltmeter	LMV-181A	601788	2018-08-11	2019-08-10
Unknown	Coaxial Cable	C-SJ00-0010	C0010/03	Each time	N/A
Weinschel	Coaxial Attenuators	53-20-34	LN749	2017-09-05	2018-09-05

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

#### **Test Procedure**

Test Method: TIA/EIA-603-D

#### **Test Data**

#### **Environmental Conditions**

Temperature:	28.3 °C
<b>Relative Humidity:</b>	64 %
ATM Pressure:	99.8 kPa

The testing was performed by Tiago Huang on 2018-07-18.

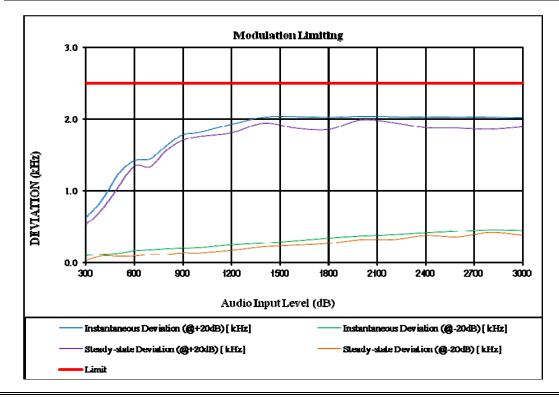
Please refer to the following tables and plots.

Test Mode: Transmitting

#### MODULATION LIMITING

	Instant	aneous	Stead	y-state	
Audio Frequency (Hz)	Deviation (@+20dB) [kHz]	Deviation (@-20dB) [kHz]	Deviation (@+20dB) [kHz]	Deviation (@-20dB) [kHz]	Limit [kHz]
300	0.621	0.098	0.527	0.030	2.5
400	0.870	0.112	0.739	0.089	2.5
500	1.232	0.125	1.051	0.083	2.5
600	1.424	0.162	1.344	0.087	2.5
700	1.453	0.174	1.337	0.110	2.5
800	1.639	0.189	1.569	0.109	2.5
900	1.787	0.198	1.705	0.133	2.5
1000	1.819	0.205	1.757	0.131	2.5
1200	1.932	0.245	1.809	0.168	2.5
1400	2.027	0.268	1.942	0.218	2.5
1600	2.035	0.302	1.872	0.240	2.5
1800	2.026	0.338	1.856	0.263	2.5
2000	2.038	0.367	1.985	0.316	2.5
2200	2.034	0.385	1.949	0.317	2.5
2400	2.029	0.412	1.879	0.373	2.5
2600	2.032	0.434	1.873	0.355	2.5
2800	2.029	0.456	1.859	0.416	2.5
3000	2.022	0.448	1.891	0.378	2.5

Carrier Frequency: 462.6375 MHz

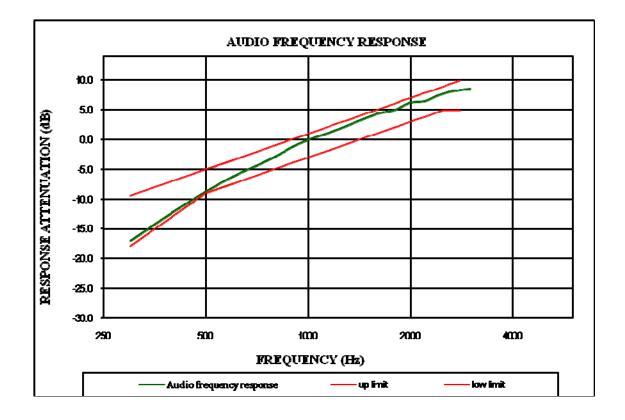


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#### **Audio Frequency Response**

Audio Frequency (Hz)	Response Attenuation (dB)
300	-16.96
400	-12.21
500	-8.77
600	-6.19
700	-4.44
800	-2.82
900	-1.20
1000	0.00
1200	1.56
1400	3.14
1600	4.32
1800	4.98
2000	6.20
2200	6.48
2400	7.38
2600	7.97
2800	8.31
3000	8.53

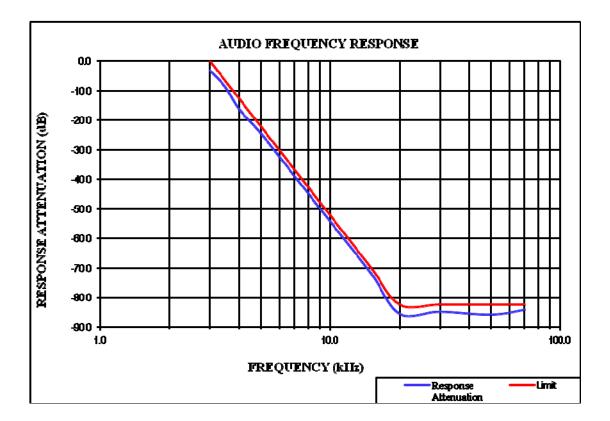
Carrier Frequency: 462.6375 MHz



#### Audio Low Pass Filter Response

Carrier Frequency: 462.6375 MHz

Audio Frequency (kHz)	Response Attenuation (dB)	Limit (dB)
3.0	-3.3	0.0
3.5	-8.9	-6.7
4.0	-16.2	-12.5
5.0	-24.6	-22.2
7.0	-39.0	-36.8
10.0	-54.3	-52.3
15.0	-71.7	-69.9
20.0	-85.4	-82.5
30.0	-84.7	-82.5
50.0	-85.7	-82.5
70.0	-84.1	-82.5



# FCC §2.1049,§95.573, §95.579 - AUTHOURIZED BANDWIDTH AND EMISSION MASK

#### **Applicable Standard**

According to §95.573

Each FRS transmitter type must be designed such that the occupied bandwidth does not exceed 12.5 kHz.

According to §95.579

Each FRS transmitter type must be designed to satisfy the applicable unwanted emissions limits in this paragraph.

(a) Attenuation requirements. The power of unwanted emissions must be attenuated below the carrier power output in Watts (P) by at least:

- (1) 25 dB (decibels) in the frequency band 6.25 kHz to 12.5 kHz removed from the channel center frequency.
- (2) 35 dB in the frequency band 12.5 kHz to 31.25 kHz removed from the channel center frequency.

(3)  $43 + 10 \log (P) dB$  in any frequency band removed from the channel center frequency by more than 31.25 kHz.

#### **Test Procedure**

TIA-603-D, section 2.2.11

#### **Test Equipment List and Details**

Manufacturer	Description	Model No.	Serial No.	Calibration Date	Calibration Due Date
Rohde & Schwarz	Signal Analyzer	FSIQ26	831929/005	2017-08-31	2018-08-31
Unknown	Coaxial Cable	C-SJ00- 0010	C0010/03	Each time	N/A
Weinschel	Coaxial Attenuators	53-20-34	LN749	2017-09-05	2018-09-05
HP	RF Communications Test Set	8920A	00 235	2018-07-11	2019-07-11

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

#### **Test Data**

#### **Environmental Conditions**

Temperature:	26.8~28.3 ℃
<b>Relative Humidity:</b>	64~65 %
ATM Pressure:	99.8~101.1kPa

The testing was performed by Tiago Huang on 2018-07-18&2018-08-30.

Test Mode: Transmitting

fc (MHz)	99% Occupied Bandwidth (kHz)	20 dB Bandwidth (kHz)	Limit (kHz)	
462.6375	9.62	6.01	12.5	
467.6375	9.62	6.01	12.5	

Note: Emission bandwidth was based on calculation method instead of measurement.

**Emission Designator** 

Per CFR 47 §2.201& §2.202, BW = 2M + 2D

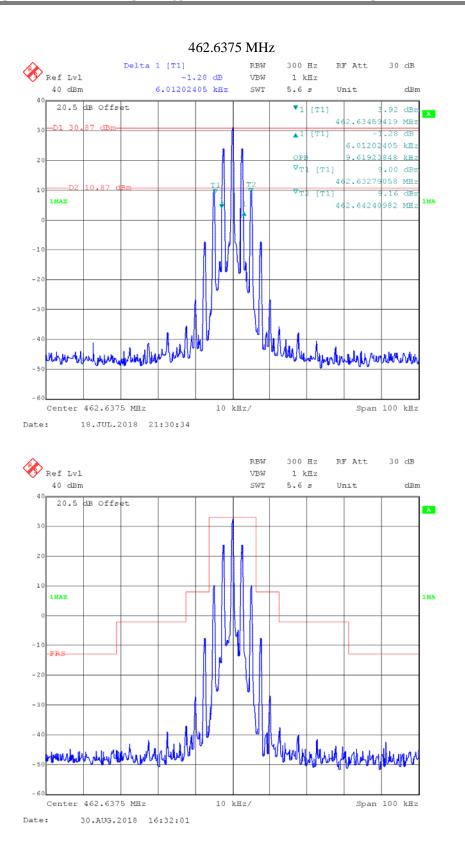
#### For FM Mode (Channel Spacing: 12.5 kHz)

Emission Designator 11K0F3E

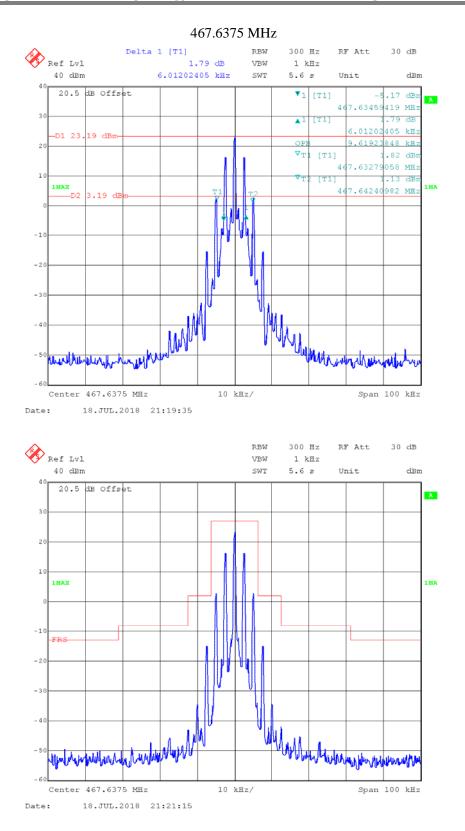
In this case, the maximum modulating frequency is 3.0 kHz with a 2.5 kHz deviation. BW = 2(M+D) = 2\*(3.0 kHz + 2.5 kHz) = 11 kHz = 11 KO

F3E portion of the designator represents an FM voice transmission Therefore, the entire designator for 12.5 kHz channel spacing FM mode is 11K0F3E.

### FM:



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# FCC §2.1053 & §95.579 - RADIATED SPURIOUS EMISSION

#### **Applicable Standard**

FCC §2.1053 and §95.579

#### **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 1g (TXpwr in Watts/0.001)-the absolute level Spurious attenuation limit in dB =  $43+10 \text{ Log}_{10}$  (power out in Watts)

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Agilent	Signal Generator	E8247C	MY43321350	2017-09-23	2018-09-22
EMCO	Adjustable Dipole Antenna	3121C	9109-753	N/A	N/A
Sunol Sciences	Antenna	JB3	A060611-1	2017-11-10	2020-11-10
HP	Amplifier	8447D	2727A05902	2017-09-05	2018-09-05
R&S	EMI Test Receiver	ESCI	100224	2017-12-11	2018-12-11
Unknown	Coaxial Cable	C-NJNJ-50	C-0400-01	2017-09-05	2018-09-05
Unknown	Coaxial Cable	C-NJNJ-50	C-0075-01	2017-09-05	2018-09-05
Unknown	Coaxial Cable	C-NJNJ-50	C-1000-01	2017-09-05	2018-09-05
MITEQ	Amplifier	AFS42-00101800- 25-S-42	2001271	2017-09-05	2018-09-05
TDK RF	Horn Antenna	HRN-0118	130 084	2016-01-05	2019-01-04
ETS-Lindgren	Horn Antenna	3115	000 527 35	2016-01-05	2019-01-04
Agilent	Spectrum Analyzer	E4440A	SG43360054	2017-12-08	2018-12-08
Unknown	Coaxial Cable	C-SJSJ-50	C-0800-01	2017-09-05	2018-09-05
HP	Signal Generator	1026	320408	2017-12-14	2018-12-14

#### **Test Equipment List and Details**

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

### **Test Data**

#### **Environmental Conditions**

Temperature:	26.5 °C	
<b>Relative Humidity:</b>	39 %	
ATM Pressure:	100.1 kPa	

The testing was performed by Blake Yang & Sunny Cen on 2018-07-26.

Test Mode: Transmitting

30MHz-5GHz:

		Receiver	Sub	stituted Met	hod	Absolute		
Frequency (MHz)	Polar (H/V)	Reading (dBµV)	Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)	Level (dBm)	Limit (dBm)	Margin (dB)
			FM, freq	<b>[uency:</b> 462.6	375 <b>MHz</b>			
925.275	Н	69.47	-26.6	0.0	1	-27.6	-13.0	14.6
925.275	V	73.54	-24.4	0.0	1	-25.4	-13.0	12.4
1387.913	Н	75.17	-38.1	8.9	1.2	-30.4	-13.0	17.4
1387.913	V	80.39	-33.5	8.9	1.2	-25.8	-13.0	12.8
1850.550	Н	66.89	-46.7	11.5	0.9	-36.1	-13.0	23.1
1850.550	V	73.08	-40.9	11.5	0.9	-30.3	-13.0	17.3
2313.188	Н	75.63	-36.6	11.3	1.2	-26.5	-13.0	13.5
2313.188	V	67.42	-44.8	11.3	1.2	-34.7	-13.0	21.7
2775.825	Н	75.51	-36.7	13.1	1.3	-24.9	-13.0	11.9
2775.825	V	72.91	-39.5	13.1	1.3	-27.7	-13.0	14.7
3238.463	Н	65.68	-44.5	13.6	1.6	-32.5	-13.0	19.5
3238.463	V	58.28	-51.9	13.6	1.6	-39.9	-13.0	26.9
3701.100	Н	62.91	-46.2	14.0	1.8	-34.0	-13.0	21.0
3701.100	V	59.36	-49.7	14.0	1.8	-37.5	-13.0	24.5

### Bay Area Compliance Laboratories Corp. (Dongguan)

#### Report No.: RDG180716004-00A

		Receiver	Sut	stituted Met	hod	Absolute		
Frequency (MHz) (H/V)	Reading (dBµV)	Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)	eve	Limit (dBm)	Margin (dB)	
			FM, free	<b>1uency:</b> 467.6	375 <b>MHz</b>			
935.275	Н	62.58	-33.1	0.0	0.9	-34.0	-13.0	21.0
935.275	V	71.41	-26	0.0	0.9	-26.9	-13.0	13.9
1402.913	Н	70.16	-43.1	9.0	1.2	-35.3	-13.0	22.3
1402.913	V	78.06	-35.8	9.0	1.2	-28.0	-13.0	15.0
1870.550	Н	61.93	-51.3	11.6	0.9	-40.6	-13.0	27.6
1870.550	V	69.39	-44.2	11.6	0.9	-33.5	-13.0	20.5
2338.188	Н	57.37	-55	11.6	1.3	-44.7	-13.0	31.7
2338.188	V	54.68	-57.7	11.6	1.3	-47.4	-13.0	34.4
2805.825	Н	55.64	-56.5	13.1	1.4	-44.8	-13.0	31.8
2805.825	V	51.82	-60.6	13.1	1.4	-48.9	-13.0	35.9
3273.463	Н	59.77	-50.8	13.6	1.6	-38.8	-13.0	25.8
3273.463	V	55.49	-55	13.6	1.6	-43.0	-13.0	30.0
3741.100	Н	59.34	-49.6	13.8	1.7	-37.5	-13.0	24.5
3741.100	V	54.05	-54.7	13.8	1.7	-42.6	-13.0	29.6

# FCC§2.1055 (d), §95.565- FREQUENCY STABILITY

#### **Applicable Standard**

According to FCC §2.1055(a) (1),

The frequency stability shall be measured with variation of ambient temperature from -30 °C to +50 °C, and according to FCC 2.1055(d) (2), the frequency stability shall be measured with reducing primary supply voltage to the battery operating end point which is specified by the manufacturer.

According to FCC §95.565

Each FRS transmitter type must be designed such that the carrier frequencies remain within  $\pm$  2.5 partsper-million of the channel center frequencies specified in § 95.563 during normal operating conditions.

#### **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 a Frequency Counter 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 Frequency Counter.

Frequency Stability vs. Voltage:

1) Vary primary supply voltage from 85 to 115 percent of the nominal value for other than hand carried battery equipment.

(2) For hand carried, battery powered equipment, reduce primary supply voltage to the battery operating end point which shall be specified by the manufacturer.

The output frequency was recorded for each voltage.

Manufacturer	Description	Model No.	Serial No.	Calibration Date	Calibration Due Date
Dongzhixu	High Temperature Test Chamber	DP1000	201105083-4	2017-08-28	2018-08-28
UNI-T	Multimeter	UT39A	M130199938	2018-05-09	2019-05-09
HP	RF Communications Test Set	8920A	00 235	2018-07-11	2019-07-11
Unknown	Coaxial Cable	C-SJ00-0010	C0010/03	Each time	N/A
Weinschel	Coaxial Attenuators	53-20-34	LN749	2017-09-05	2018-09-05
Pro instrument	DC Power Supply	pps3300	N/A	N/A	N/A
Unknown	Coaxial Cable	C-SJ00-0010	C0010/01	Each Time	/

#### **Test Equipment List and Details**

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

## **Test Data**

#### **Environmental Conditions**

Temperature:	27.9 °C	
<b>Relative Humidity:</b>	59 %	
ATM Pressure:	100.1 kPa	

The testing was performed by Tiago Huang on 2018-07-26.

Test Mode: Transmitting

Reference Frequency: 462.6375 MHz						
Temperature	Voltage	Reading	<b>Frequency Error</b>	Limit		
C	Vdc	MHz	ppm	ppm		
-30		462.6375697	0.15			
-20		462.6375693	0.15			
-10		462.6375501	0.11			
0		462.6375521	0.11			
10	3.7	462.6375412	0.09			
20		462.6375693	0.15	2.5		
30		462.6375501	0.11			
40		462.6375128	0.03			
50		462.6375598	0.13			
25	3.0	462.6375394	0.09			
25	4.2	462.6375679	0.15			

Reference Frequency: 467.6375 MHz						
Temperature	Voltage	Reading	<b>Frequency Error</b>	Limit		
Ċ	Vdc	MHz	ppm	ppm		
-30		467.63756390	0.14			
-20		467.63755455	0.12			
-10		467.63755011	0.11			
0		467.63756987	0.15			
10	3.7	467.63755457	0.12			
20		467.63752174	0.05	2.5		
30		467.63755014	0.11			
40		467.63755479	0.12			
50		467.63755369	0.11			
25	3.0	467.63752047	0.04			
25	4.2	467.63756970	0.15			

Note: The extreme voltage was declared by applicant.

# \*\*\*\*\* END OF REPORT \*\*\*\*\*