Excellence in Compliance Testing

Certification Test Report

FCC ID: ONTJETIDS16US
IC: 10491A-JETIDS16US

FCC Rule Part: 15.247
IC Radio Standards Specification: RSS-210

ACS Report Number: 14-2015.W04.1A

Manufacturer: Esprit Model
Model: JETIDS14US

Test Begin Date: **February 3, 2014**
Test End Date: **February 17, 2014**

Report Issue Date: March 19, 2014

ACCREDITED TESTING

FOR THE SCOPE OF ACCREDITATION UNDER CERTIFICATE NUMBER AT-1533

This report must not be used by the client to claim product certification, approval, or endorsement by ACLASS, ANSI, or any agency of the Federal Government.

Project Manager:

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Reviewed by:

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Director, Wireless Certifications
Advanced Compliance Solutions, Inc.

This report contains 19 pages

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1 GENERAL

1.1 Purpose

The purpose of this report is to demonstrate compliance with Part 15 Subpart C of the FCC's Code of Federal Regulations and Industry Canada's Radio Standards Specification RSS-210 for a Class II Permissive Change.

The purpose of the Class II Permissive change is to add the JETIDS14US as a model variant to the FCC ID: ONTJETIDS16US and IC: 10491A-JETIDS16US. The JETIDS14US is identical to the model JETIDS16US except for some minor changes to the enclosure, which are described in the submission package.

1.2 Manufacturer Information

Esprit Model, Inc.
1240 Clearmont St. NW
Palm Bay, FL 32905, USA

1.3 Product description

The JETIDS14US is a 2.4 GHz wireless transceiver for remote controlled toys. The remote control encloses two transceiver boards with two antennas each. Transmission alternates between the two boards every 10ms. Each transceiver board provides two antenna paths which do not transmit simultaneously. Only one antenna is transmitting at a time and the criteria for the antenna selection per transceiver board is based on the receive signal strength. The unit also includes a display and a USB port for data communication with a computer.

Band of Operation:	2405 MHz - 2475 MHz
Number of Channels:	15
Mode of Operation:	FH/DSSS
Modulation Format:	O-QPSK
Antenna Type/Gain:	Coaxial Wire Antenna, 2.14 dBi
Operating Voltage:	12 VDC

Model Number: JETIDS14US

Test Sample Serial Number(s): NA

Test Sample Condition: The sample was in good conditions with no observable physical damages.

1.4 Test Methodology and Considerations

Considering that the JETIDS14US is identical to the JETIDS16US except for some minor cosmetic changes to the enclosure, compliance with the RF conducted and power line conducted emissions requirements are still covered by test reports for the JETIDS16US.

For the Class 2 Permissive Change, the JETIDS14US was evaluated for radiated emissions for each transceiver board and antenna port. The antenna and transceiver board combinations are identified as AP1, AP2, AS1, and AS2 in this document. AP1 and AP2 correspond to antennas 1 and 2 of the primary board, while AS1 and AS2 refer to the antennas of the secondary board. Where applicable, the data is provided for the worst case configuration.

Preliminary radiated emissions measurements were performed with the unit set in three orthogonal orientations and the final measurements were performed using the orientation leading to the highest emissions. Additional preliminary measurements were performed at the channels adjacent to the extreme channels using the settings defined in the product Theory of Operation. These channels were found to be in compliance as well.

The power settings used for the evaluation for all board and antenna configurations are listed below:

Channel 11 (2405 MHz): 14
Channel 18 (2440 MHz): 7
Channel 25 (2475 MHz): 14

The EUT was also evaluated for unintentional emissions when operating as a computer peripheral device. In order to meet the requirements, the following modifications were implemented:

Ferrites on USB cable: 2 X Laird 28A0807-0A2 (3 passes)
Ferrite on power cable: Laird 28A0807-0A2 (4 passes)

The results are documented separately in a Declaration of Conformity/Verification test report.

2 TEST FACILITIES

2.1 Location

The radiated and conducted emissions test sites are located at the following address:

Advanced Compliance Solutions, Inc.
3998 FAU Blvd, Suite 310
Boca Raton, Florida 33431
Phone: (561) 961-5585
Fax: (561) 961-5587
www.acstestlab.com

FCC Test Firm Registration #: 475089
Industry Canada Lab Code: 4175C

2.2 Laboratory Accreditations/Recognitions/Certifications

ACS is accredited to ISO/IEC 17025 by ANSI-ASQ National Accreditation Board under their ACLASS program and has been issued certificate number AT-1533 in recognition of this accreditation. Unless otherwise specified, all test methods described within this report are covered under the ISO/IEC 17025 scope of accreditation.

2.3 Radiated & Conducted Emissions Test Site Description

2.3.1 Semi-Anechoic Chamber Test Site

The EMC radiated test facility consists of an RF-shielded enclosure. The interior dimensions of the indoor semi-anechoic chamber are approximately 48 feet (14.6 m) long by 36 feet (10.8 m) wide by 24 feet (7.3 m) high and consist of rigid, 1/8 inch (0.32 cm) steel-clad, wood core modular panels with steel framing. In the shielded enclosure, the faces of the panels are galvanized and the chamber is self-supporting. 8-foot RF absorbing cones are installed on 4 walls and the ceiling. The steel-clad ground plane is covered with vinyl floor.

The turntable is driven by pneumatic motor, which is capable of supporting a 2000 lb. load. The turntable is flushed with the chamber floor which it is connected to, around its circumference, with a continuous metallic loaded spring. An EMCO Model 1050 Multi-device Controller controls the turntable position.

A pneumatic motor is used to control antenna polarizations and height relative to the ground. The height information is displayed on the control unit EMCO Model 1050.

The control room is an RF shielded enclosure attached to the semi-anechoic chamber with two bulkhead panels for connecting RF, and control cables. The dimension of the room is 7.3 m x 4.9 m x 3 m high and the entrance doors of both control and conducted rooms are 3 feet (0.91 m) by 7 feet (2.13 m).

A diagram of the Semi-Anechoic Chamber Test Site is shown in Figure 2.3.1-1 below:

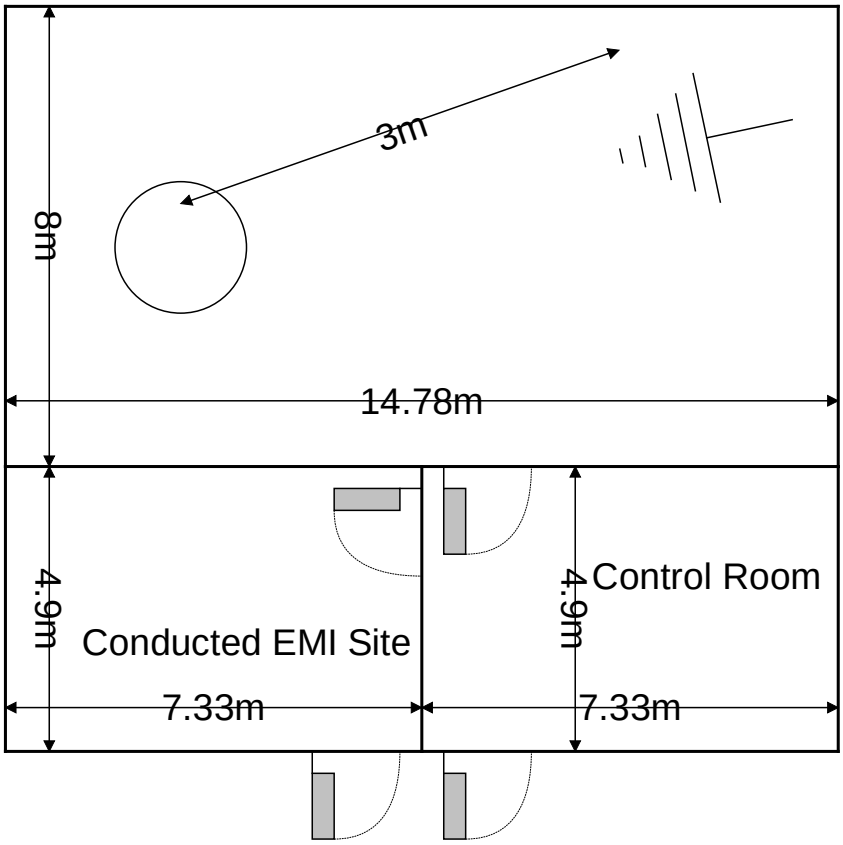


Figure 2.3.1-1: Semi-Anechoic Chamber Test Site

2.3.2 Conducted Emissions Test Site Description

The dimensions of the shielded conducted room are 7.3 x 4.9 x 3 m^3. As per ANSI C63.4 2003 requirements, the data were taken using two LISNs; a Solar Model 8028-50 50 Ω/50 µH and an EMCO Model 3825, which are installed as shown in Photograph 3. For 220 V, 50 Hz, a Polarad LISN (S/N 879341/048) is used in conjunction with a 1 kVA, 50 Hz/220 V EDGAR variable frequency generator, Model 1001B, to filter conducted noise from the generator.

A diagram of the room is shown below in figure 2.3.2-1:

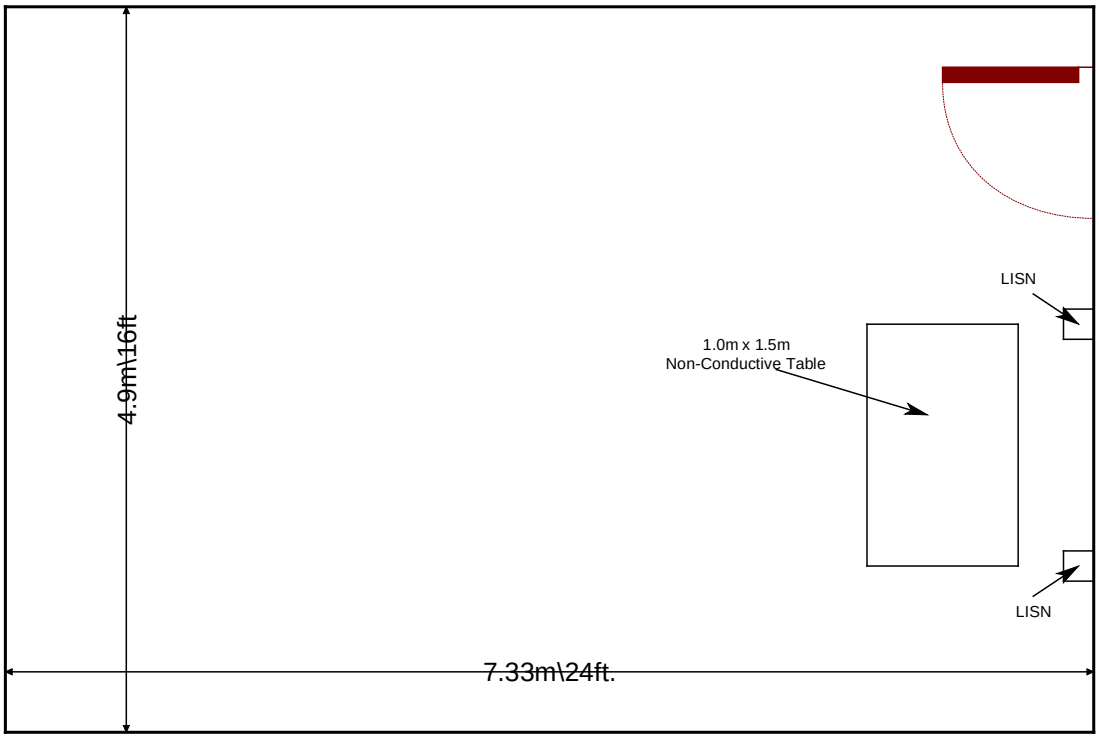


Figure 2.3.2-1: AC Mains Conducted EMI Site

3 APPLICABLE STANDARD REFERENCES

The following standards were used:

- ANSI C63.4-2003: Method of Measurements of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the 9KHz to 40GHz
- ANSI C63.10-2009: Standard for Testing Unlicensed Wireless Devices
- US Code of Federal Regulations (CFR): Title 47, Part 2, Subpart J: Equipment Authorization Procedures, 2014
- US Code of Federal Regulations (CFR): Title 47, Part 15, Subpart C: Radio Frequency Devices, Intentional Radiators, 2014
- FCC Public Notice DA 00-705 - Filing and Measurement Guidelines for Frequency Hopping Spread Spectrum Systems, March 30, 2000
- Industry Canada Radio Standards Specification: RSS-210 - Low-power License-exempt Radiocommunication Devices (All Frequency Bands): Category I Equipment, Issue 8, December 2010.
- Industry Canada Radio Standards Specification: RSS-GEN – General Requirements and Information for the Certification of Radiocommunication Equipment, Issue 3, December 2010.

4 LIST OF TEST EQUIPMENT

The calibration interval of test equipment is annually or the manufacturer's recommendations. Where the calibration interval deviates from the annual cycle based on the instrument manufacturer's recommendations, it shall be stated below.

Table 4-1: Test Equipment

AssetID	Manufacturer	Model #	Equipment Type	Serial #	Last Calibration Date	Calibration Due Date
523	Agilent	E7405	Spectrum Analyzers	MY45103293	1/8/2013	1/8/2015
524	Chase	CBL6111	Antennas	1138	1/7/2013	1/7/2015
2002	EMCO	3108	Antennas	2147	11/22/2013	11/22/2015
2004	EMCO	3146	Antennas	1385	11/22/2013	11/22/2015
2006	EMCO	3115	Antennas	2573	4/24/2013	4/24/2015
2008	COM-Power	AH-826	Antennas	81009	NCR	NCR
2011	Hewlett-Packard	HP 8447D	Amplifiers	2443A03952	12/31/2013	12/31/2014
2037	ACS Boca	Chamber EMI Cable Set	Cable Set	2037	1/1/2014	1/1/2015
2044	QMI	N/A	Cables	2044	12/31/2013	12/31/2014
2070	Mini Circuits	VHF-8400+	Filter	2070	1/1/2014	1/1/2015
2072	Mini Circuits	VHF-3100+	Filter	30737	1/1/2014	1/1/2015
2075	Hewlett Packard	8495B	Attenuators	2626A11012	1/2/2014	1/2/2015
2076	Hewlett Packard	HP5061-5458	Cables	2076	12/31/2013	12/31/2014
2082	Teledyne Storm Products	90-010-048	Cables	2082	5/31/2013	5/31/2014
2086	Merrimac	FAN-6-10K	Attenuators	23148-83-1	12/31/2013	12/31/2014
2089	Agilent Technologies, Inc.	83017A	Amplifiers	3123A00214	12/16/2013	12/16/2014
2095	ETS Lindgren	TILE4! - Version 4.2.A	Software	85242	NCR	NCR
3002	Rohde & Schwarz	ESU40	Receiver	100346	11/5/2013	11/5/2014

NCR=No Calibration Required

5 SUPPORT EQUIPMENT

Table 5-1: Support Equipment

Item	Equipment Type	Manufacturer	Model Number	Serial Number
The EUT is stand-alone equipment.				

6 EQUIPMENT UNDER TEST SETUP BLOCK DIAGRAM

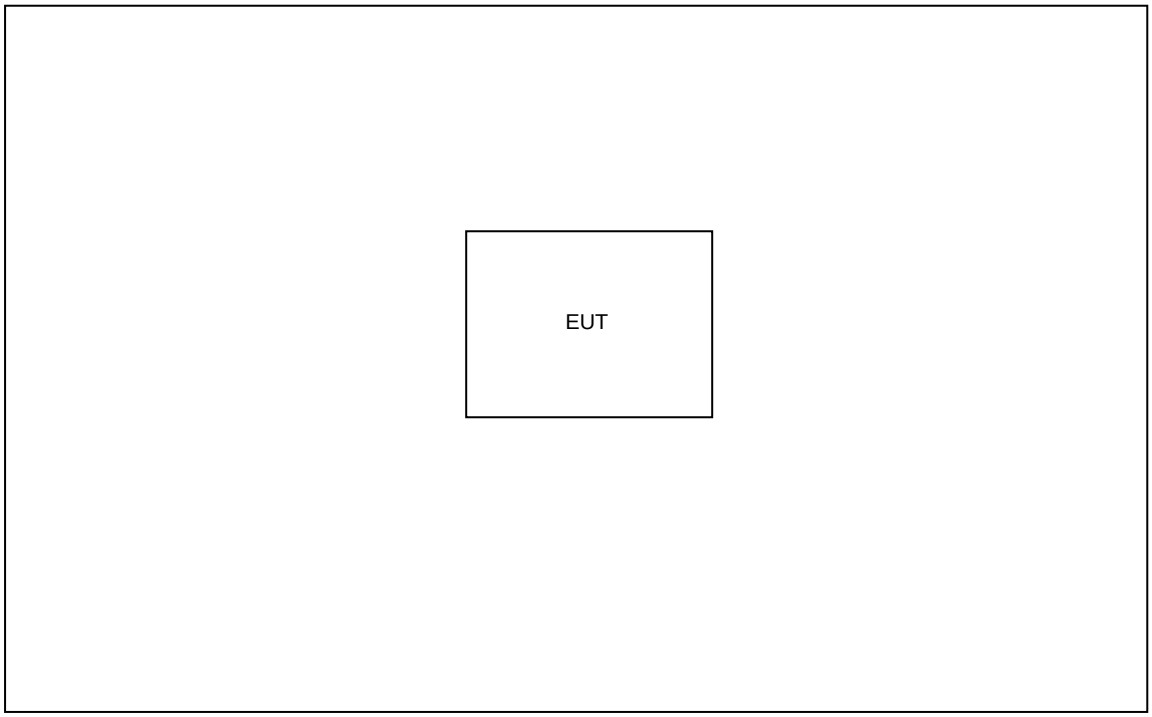


Figure 6-1: Radiated Emissions Setup

7 SUMMARY OF TESTS

Along with the tabular data shown below, plots were taken of all signals deemed important enough to document.

7.1 Antenna Requirement – FCC: Section 15.203

The JETIDS14US uses 2.14 dBi antennas for both transceiver boards which are located inside of the unit, underneath the display. The antennas and transceiver boards use u. FL. connectors, thus meeting the requirements of 15.203.

7.2 Channel Dwell Time – FCC: Section 15.247(a)(1)(iii) IC: RSS-210 A8.1(d)

7.2.1.1 Measurement Procedure

The RF output port of the EUT was directly connected to the input of the spectrum analyzer. The span of the spectrum analyzer was set 0 Hz centered on a hopping channel. The RBW was set to 3 MHz and the sweep time adjusted to capture the entire dwell time per channel with peak detector max hold function.

7.2.1.2 Measurement Results

Results are shown below.

Table 7.2.1.2-1 Dwell Time on a 6 Second Cycle

Mode of Operation	Number of Hops Per Sec. (NHPS)	Number of Hops per Channel Per Sec. (NHPCPS)	Number of hops on a 6 s Cycle (NHPC)	Measured Dwell Times (ms)	Dwell Times on a 6 s Cycle (ms)	Limit (ms)	Status
AP1	100	6.67	40	2.0354	81.42	400	PASS
AP2	100	6.67	40	2.0353	81.41	400	PASS
AS1	100	6.67	40	2.0351	81.40	400	PASS
AS2	100	6.67	40	2.0350	81.40	400	PASS

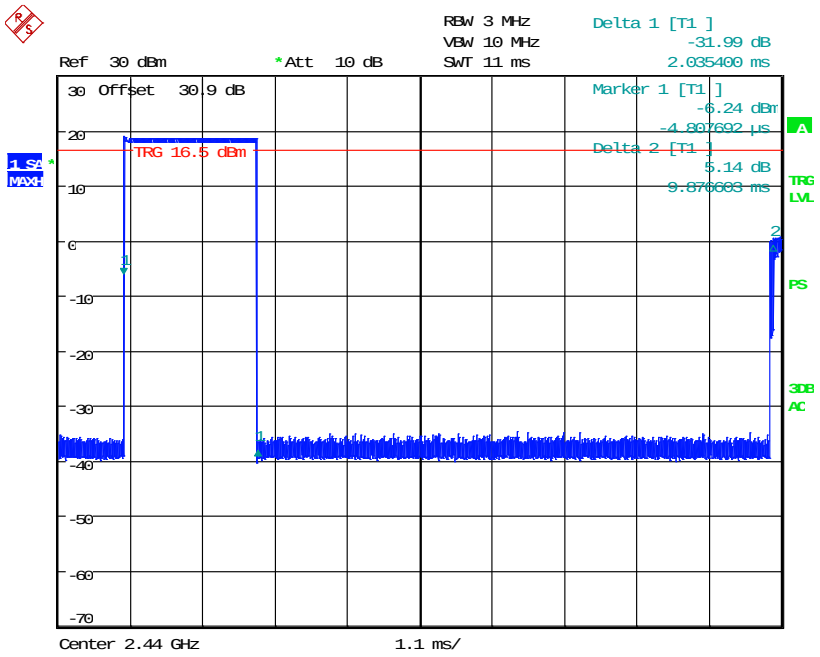


Figure 7.2.1.2-1: Channel Dwell Time – AP1

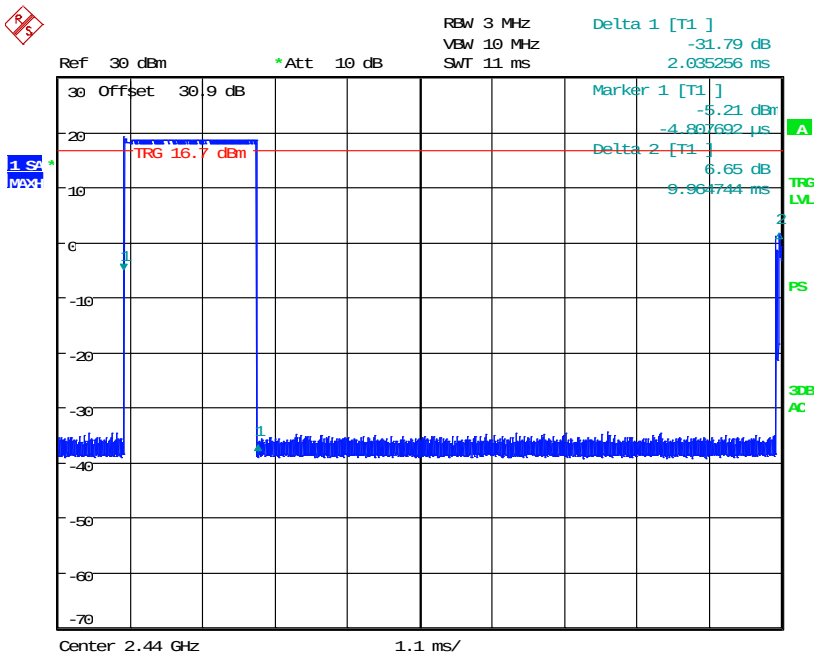
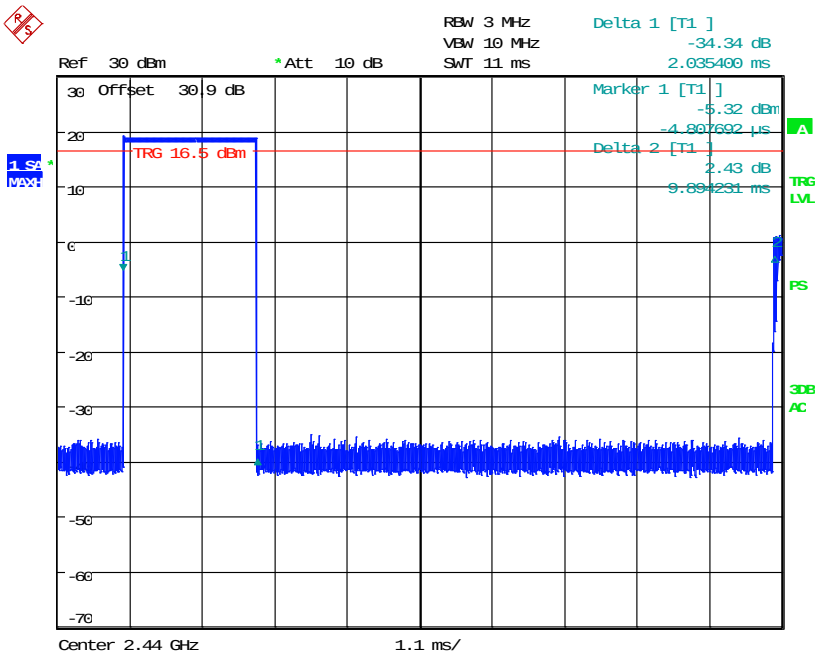
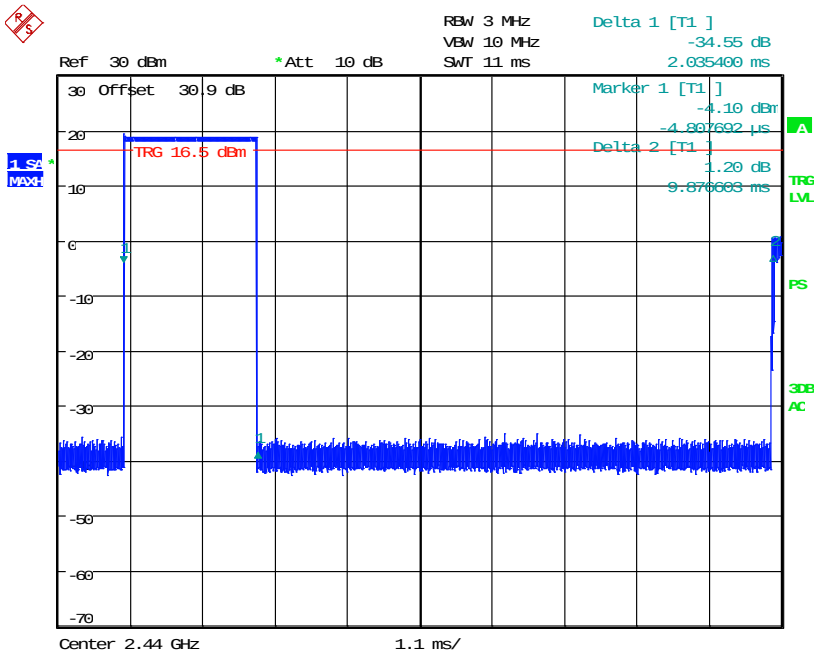


Figure 7.2.1.2-2: Channel Dwell Time – AP2



Date: 17.FEB.2014 19:57:16

Figure 7.4.3.2-3: Channel Dwell Time – AS1



Date: 17.FEB.2014 19:44:35

Figure 7.2.1.2-4: Channel Dwell Time – AS2

7.3 Radiated Spurious Emissions - FCC Section 15.205 IC: RSS-Gen 7.2.5

7.3.1.1 Measurement Procedure

Radiated emissions tests were made over the frequency range of 30 MHz to 26 GHz, 10 times the highest fundamental frequency.

The EUT was rotated through 360° and the receive antenna height was varied from 1m to 4m so that the maximum radiated emissions level would be detected. For frequencies below 1000MHz, quasi-peak measurements were made using a resolution bandwidth RBW of 120 kHz and a video bandwidth VBW of 300 kHz. For frequencies above 1000 MHz, peak and average measurements made with RBW and VBW of 1 MHz and 3 MHz respectively.

The EUT was caused to generate a continuous carrier signal on the hopping channel. The average measurements were corrected using the logarithm of the dwell time over 100 ms period.

7.3.1.2 Measurement Results

Band-edge and radiated spurious emissions found in the restricted bands of 30MHz to 26 GHz are reported in the tables below.

Table 7.3.1.2-1: Radiated Spurious Emissions Tabulated Data – AP1

Frequency (MHz)	Level (dBuV)		Antenna Polarity	Correction Factors	Corrected Level (dBuV/m)		Limit (dBuV/m)		Margin (dB)	
	pk	Qpk/Avg	(H/V)	(dB)	pk	Qpk/Avg	pk	Qpk/Avg	pk	Qpk/Avg
Low Channel (2405 MHz)										
2390	77.10	55.58	H	-8.00	69.10	13.75	74.0	54.0	4.9	40.2
2390	66.69	47.46	V	-8.00	58.69	5.63	74.0	54.0	15.3	48.4
4810	45.97	35.78	H	-0.26	45.71	1.70	74.0	54.0	28.3	52.3
4810	50.26	40.54	V	-0.26	50.00	6.46	74.0	54.0	24.0	47.5
12025	44.39	31.32	H	12.74	57.13	10.24	83.5	63.5	26.4	53.3
12025	42.47	31.36	V	12.74	55.21	10.28	83.5	63.5	28.3	53.2
Middle Channel (2440 MHz)										
4880	50.69	41.29	H	-0.04	50.65	7.42	74.0	54.0	23.4	46.6
4880	55.32	47.39	V	-0.04	55.28	13.52	74.0	54.0	18.7	40.5
7320	51.53	41.11	H	5.58	57.11	12.86	74.0	54.0	16.9	41.1
7320	55.63	46.96	V	5.58	61.21	18.71	74.0	54.0	12.8	35.3
12200	48.32	37.37	H	12.99	61.31	16.53	83.5	63.5	22.2	47.0
12200	47.53	36.83	V	12.99	60.52	15.99	83.5	63.5	23.0	47.5
19520	41.26	29.01	H	11.30	52.56	6.48	83.5	63.5	30.9	57.0
19520	40.57	29.77	V	11.30	51.87	7.24	83.5	63.5	31.6	56.3
High Channel (2475 MHz)										
2483.5	78.95	61.76	H	-7.61	71.34	20.32	74.0	54.0	2.7	33.7
2483.5	69.97	52.91	V	-7.61	62.36	11.47	74.0	54.0	11.6	42.5
4950	47.72	36.33	H	0.17	47.89	2.67	74.0	54.0	26.1	51.3
4950	48.31	36.94	V	0.17	48.48	3.28	74.0	54.0	25.5	50.7
7425	45.47	33.62	V	5.94	51.41	5.74	74.0	54.0	22.6	48.3
12375	44.52	32.89	H	13.24	57.76	12.30	83.5	63.5	25.7	51.2
12375	45.18	33.15	V	13.24	58.42	12.56	83.5	63.5	25.1	50.9

Notes:

- The average measurements were further corrected using a duty cycle correction factor corresponding to the logarithm of the dwell time over 100 ms = 20*log(2.0354/100) ≈ -33.83 dB.
- The emissions above 10 GHz were measured at a distance of 1m. The limits are corrected accordingly using a distance factor of 20*log(3/1) ≈ 9.5 dB.
- All emissions above 19520 MHz were attenuated below the limits and the noise floor of the measurement equipment.

Table 7.3.1.2-2: Radiated Spurious Emissions Tabulated Data – AP2

Frequency (MHz)	Level (dBuV)		Antenna Polarity	Correction Factors	Corrected Level (dBuV/m)		Limit (dBuV/m)		Margin (dB)	
	pk	Qpk/Avg	(H/V)	(dB)	pk	Qpk/Avg	pk	Qpk/Avg	pk	Qpk/Avg
Low Channel (2405 MHz)										
2390	72.91	51.28	H	-8.00	64.91	9.45	74.0	54.0	9.1	44.5
2390	74.45	52.69	V	-8.00	66.45	10.86	74.0	54.0	7.5	43.1
4810	47.91	36.58	H	-0.26	47.65	2.50	74.0	54.0	26.3	51.5
4810	52.75	43.70	V	-0.26	52.49	9.62	74.0	54.0	21.5	44.4
12025	42.94	31.01	H	12.74	55.68	9.93	83.5	63.5	27.8	53.6
12025	43.70	31.28	V	12.74	56.44	10.20	83.5	63.5	27.1	53.3
Middle Channel (2440 MHz)										
4880	51.23	43.12	H	-0.04	51.19	9.25	74.0	54.0	22.8	44.8
4880	56.97	48.28	V	-0.04	56.93	14.41	74.0	54.0	17.1	39.6
7320	52.78	43.70	H	5.58	58.36	15.45	74.0	54.0	15.6	38.6
7320	57.29	48.99	V	5.58	62.87	20.74	74.0	54.0	11.1	33.3
12200	50.08	39.59	H	12.99	63.07	18.75	83.5	63.5	20.4	44.7
12200	49.82	38.94	V	12.99	62.81	18.10	83.5	63.5	20.7	45.4
High Channel (2475 MHz)										
2483.5	70.77	53.76	H	-7.61	63.16	12.32	74.0	54.0	10.8	41.7
2483.5	74.31	56.69	V	-7.61	66.70	15.25	74.0	54.0	7.3	38.7
4950	46.73	35.72	H	0.17	46.90	2.06	74.0	54.0	27.1	51.9
4950	45.81	35.35	V	0.17	45.98	1.69	74.0	54.0	28.0	52.3

Notes:

- The average measurements were further corrected using a duty cycle correction factor corresponding to the logarithm of the dwell time over 100 ms = 20*log(2.07/100) ≈ -33.83 dB.
- The emissions above 10 GHz were measured at a distance of 1m. The limits are corrected accordingly using a distance factor of 20*log(3/1) ≈ 9.5 dB.
- All emissions above 12200 MHz were attenuated below the limits and the noise floor of the measurement equipment.

Table 7.3.1.2-3: Radiated Spurious Emissions Tabulated Data – AS1

Frequency (MHz)	Level (dBuV)		Antenna Polarity	Correction Factors	Corrected Level (dBuV/m)		Limit (dBuV/m)		Margin (dB)	
	pk	Qpk/Avg	(H/V)	(dB)	pk	Qpk/Avg	pk	Qpk/Avg	pk	Qpk/Avg
Low Channel (2405 MHz)										
2390	76.20	54.37	H	-8.00	68.20	12.54	74.0	54.0	5.8	41.5
2390	65.34	46.63	V	-8.00	57.34	4.80	74.0	54.0	16.7	49.2
4810	50.13	39.78	H	-0.26	49.87	5.70	74.0	54.0	24.1	48.3
4810	51.31	41.84	V	-0.26	51.05	7.76	74.0	54.0	22.9	46.2
Middle Channel (2440 MHz)										
4880	51.44	42.02	H	-0.04	51.40	8.15	74.0	54.0	22.6	45.9
4880	56.33	48.55	V	-0.04	56.29	14.68	74.0	54.0	17.7	39.3
7320	50.28	40.09	H	5.58	55.86	11.84	74.0	54.0	18.1	42.2
7320	58.77	50.97	V	5.58	64.35	22.72	74.0	54.0	9.7	31.3
12200	47.72	36.43	H	12.99	60.71	15.59	83.5	63.5	22.8	47.9
12200	47.89	37.20	V	12.99	60.88	16.36	83.5	63.5	22.6	47.1
19520	42.66	30.17	H	11.30	53.96	7.64	83.5	63.5	29.5	55.9
19520	43.24	30.89	V	11.30	54.54	8.36	83.5	63.5	29.0	55.1
High Channel (2475 MHz)										
2483.5	76.86	59.87	H	-7.61	69.25	18.43	74.0	54.0	4.7	35.6
2483.5	69.22	51.53	V	-7.61	61.61	10.09	74.0	54.0	12.4	43.9
4950	50.83	41.03	H	0.17	51.00	7.37	74.0	54.0	23.0	46.6
4950	52.97	44.08	V	0.17	53.14	10.42	74.0	54.0	20.9	43.6

Notes:

- The average measurements were further corrected using a duty cycle correction factor corresponding to the logarithm of the dwell time over 100 ms = 20*log(2.07/100) ≈ -33.83 dB.
- The emissions above 10 GHz were measured at a distance of 1m. The limits are corrected accordingly using a distance factor of 20*log(3/1) ≈ 9.5 dB.
- All emissions above 19520 MHz were attenuated below the limits and the noise floor of the measurement equipment.

Table 7.3.1.2-4: Radiated Spurious Emissions Tabulated Data – AS2

Frequency (MHz)	Level (dBuV)		Antenna Polarity	Correction Factors	Corrected Level (dBuV/m)		Limit (dBuV/m)		Margin (dB)	
	pk	Qpk/Avg	(H/V)	(dB)	pk	Qpk/Avg	pk	Qpk/Avg	pk	Qpk/Avg
Low Channel (2405 MHz)										
2390	68.00	48.42	H	-8.00	60.00	6.59	74.0	54.0	14.0	47.4
2390	67.15	47.91	V	-8.00	59.15	6.08	74.0	54.0	14.8	47.9
4810	48.28	37.89	H	-0.26	48.02	3.81	74.0	54.0	26.0	50.2
4810	51.81	42.66	V	-0.26	51.55	8.58	74.0	54.0	22.4	45.4
Middle Channel (2440 MHz)										
4880	55.36	47.24	H	-0.04	55.32	13.37	74.0	54.0	18.7	40.6
4880	57.33	49.07	V	-0.04	57.29	15.20	74.0	54.0	16.7	38.8
7320	54.64	45.62	H	5.58	60.22	17.37	74.0	54.0	13.8	36.6
7320	63.18	55.65	V	5.58	68.76	27.40	74.0	54.0	5.2	26.6
12200	52.01	42.75	H	12.99	65.00	21.91	83.5	63.5	18.5	41.6
12200	51.17	42.09	V	12.99	64.16	21.25	83.5	63.5	19.3	42.2
19520	42.40	29.89	H	11.30	53.70	7.36	83.5	63.5	29.8	56.1
19520	43.10	30.73	V	11.30	54.40	8.20	83.5	63.5	29.1	55.3
High Channel (2475 MHz)										
2483.5	75.87	58.49	H	-7.61	68.26	17.05	74.0	54.0	5.7	36.9
2483.5	70.50	53.28	V	-7.61	62.89	11.84	74.0	54.0	11.1	42.2
4950	53.29	44.54	H	0.17	53.46	10.88	74.0	54.0	20.5	43.1
4950	57.21	49.40	V	0.17	57.38	15.74	74.0	54.0	16.6	38.3
7425	45.32	32.88	H	5.94	51.26	5.00	74.0	54.0	22.7	49.0
7425	48.08	34.83	V	5.94	54.02	6.95	74.0	54.0	20.0	47.1

Notes:

- The average measurements were further corrected using a duty cycle correction factor corresponding to the logarithm of the dwell time over 100 ms = 20*log(2.07/100) ≈ -33.83 dB.
- The emissions above 10 GHz were measured at a distance of 1m. The limits are corrected accordingly using a distance factor of 20*log(3/1) ≈ 9.5 dB.
- All emissions above 19520 MHz were attenuated below the limits and the noise floor of the measurement equipment.

7.3.1.3 Sample Calculation:

$R_C = R_U + CF_T$

Where:

CF_T	=	Total Correction Factor (AF+CA+AG)-DC (Average Measurements Only)
R_U	=	Uncorrected Reading
R_C	=	Corrected Level
AF	=	Antenna Factor
CA	=	Cable Attenuation
AG	=	Amplifier Gain
DC	=	Duty Cycle Correction Factor

Duty Cycle Correction Factor
DC = 20*log(2.0354/100) = -33.68 dB

Example Calculation: Peak
Corrected Level: 77.1+ (-8.0) = 69.1 dBµV/m
Margin: 74 dBuV/m – 69.1 dBµV/m = 4.9 dB

Example Calculation: Average
Corrected Level: 55.58 + (-8.0) – 33.83= 13.75 dBµV/m
Margin: 54 dBuV/m – 13.75 dBµV/m = 40.2dB

8 CONCLUSION

In the opinion of ACS, Inc., the JETIDS14US manufactured by Esprit Model meets the requirements of FCC Part 15 subpart C and Industry Canada's Radio Standards Specification RSS-210, for the tests reported in this document.

END REPORT