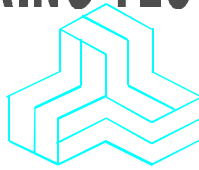


ENGINEERING TEST REPORT



2.4 GHz HFSS Transceiver for Automotive Wheel Alignment System with Aerocomm 2.4 GHz FM Radio Transmitter Model No: 20-24HFSS-1-0

FCC ID: LS3-20-24HFSS-1-0

**FCC PART 15, SUBPART C, PARA. 15.249
LOW POWER TRANSMITTERS
OPERATING IN THE FREQUENCY BAND FROM 2413-2468 MHz**

FCC Authorization for Class II Permissive Changes

UltraTech's FILE NO.: AER-018FTX

TESTED FOR:

HUNTER ENGINEERING COMPANY
11250 Hunter Drive
Bridgeton, MISSOURI 63044-2391
USA

TESTED BY:

UltraTech Group of Labs
3000 Bristol Circle
Oakville, Ontario
Canada L5L 5R2

PREPARED BY: Mr. Dan Huynh

DATE: June 15, 1999

UltraTech

3000 Bristol Circle, Oakville, Ontario, Canada, L6H 6G4
Telephone (905) 829-1570 Facsimile (905) 829-8050
Website: www.ultratech-labs.com Email: vhk.ultratech@sympatico.ca

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3000 Brsitol Circle, Oakville, Ontario, Canada L6H 6G4

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1. **EXHIBIT 1 - SUMMARY OF TEST RESULTS & GENERAL STATEMENT OF CERTIFICATION**

FCC PARAGRAPH.	TEST REQUIREMENTS	COMPLIANCE (YES/NO)
15.249(a), 15.209, 15.205	Transmitter Radiated Emissions, Harmonic Emissions	Yes
1.1310	RF Exposure Limit	Not required, no changes in RF out signals
15.107(a)	AC Power Conducted Emissions	Not applicable for battery supplied equipment

TESTIMONIAL AND STATEMENT OF CERTIFICATION

THIS IS TO CERTIFY:

- 1) *THAT the application was prepared either by, or under the direct supervision of the undersigned.*
- 2) *THAT the measurement data supplied with the application was taken under my direction and supervision.*
- 3) *THAT the data was obtained on representative production units, representative.*
- 4) *THAT, to the best of my knowledge and belief, the facts set forth in the application and accompanying technical data are true and correct.*

Certified by:

***Tri Minh Luu, P. Eng.
V.P., Engineering***

DATE: June 15, 1999

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2. **EXHIBIT 2 - GENERAL INFORMATION**

2.1. ***Applicant***

HUNTER ENGINEERING COMPANY
11250 Hunter Drive
Bridgeton, MISSOURI 63044-2391
USA

Applicant's Representative: Mr. Jim Smith

2.2. ***Manufacturer (of Radio Transmitter)***

AEROCOMM WIRELESS
3256 West 98th Street
Lenexa, Kansas 66215
USA

2.3. ***Description of Equipment under Test***

PRODUCT NAME:	2.4 GHz HFSS Transceiver for Automotive Wheel Alignment System
PART No.:	125-296-1
SERIAL NUMBER:	CH3357
TYPE OF EQUIPMENT:	DSSS Transmitters
OPERATING FREQ.:	2413-2468 MHz
BANDWIDTH (6 dB OBW):	700 kHz Max.
POWER RATING:	101 mV/m peak or 11.4mV/m average @ 3 meters
EMISSION DESIGNATION:	700K0F1D
DUTY CYCLE:	11.2% max.
INPUT SUPPLY:	12 Vdc battery
ASSOCIATED DEVICES:	N/A
FCC ID:	LS3-20-24HFSS-1-0

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2.4. Related Submittal(s)/Grant

This application is for FCC Class II Permissive Change authorization with the following modifications applied to the EUT:

- 1) The on-board shielded VCO was replaced with a custom VCO having identical RF and electrical characteristics. The smaller replacement VCO was rotated, as was the PLL to match-up the inputs and outputs. The new VCO part number is Murata MWE920-2450-T7.
- 2) The PLL was changed from National Semiconductor part number LMX2325 to LMX2326. The loop filter characteristics are the same. There were no other circuit board changes.

The above changes were made due to parts availability problems.

2.5. Test Methodology

These tests were conducted on a sample of the equipment for the purpose of certification compliance with Code of Federal Regulations (CFR47-1991), Part 15, Subpart C, Para. 15.249, Low Power Transmitters operating in the Frequency Band 2413-2468 MHz.

Radiated emissions measurements were conducted in accordance with American National Standards Institute ANSI C63.4-1992 - American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 KHz to 40 GHz.

2.6. Test Facility

Radiated Emissions were performed at the UltraTech's 3-to-10 Meter Open Field Test Site (OFTS) situated in the Town of Oakville, province of Ontario.

The above site have been calibrated in accordance with ANSI C63.4-1992, and found to be in compliance with the requirements of Sec. 2.948 of the FCC Rules. The descriptions and site measurement data of the Oakville Open Field Test Site has been filed with FCC office (FCC File No.: 31040/SIT 1300B3). Last Date of Site Calibration: September 20, 1998

The above test site is also filed with Interference Technology International Ltd (ITI - An EC Directive on EMC).

2.7. Units of Measurements

Measurements of radiated emissions are reported in units of dB referenced to one microvolt per meter [dB(uV)/m] at the distance specified in the report, wherever it is applicable.

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3000 Brsitol Circle, Oakville, Ontario, Canada L6H 6G4

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3. **EXHIBIT 3 - SYSTEM TEST CONFIGURATION**

3.1. ***Test System Details***

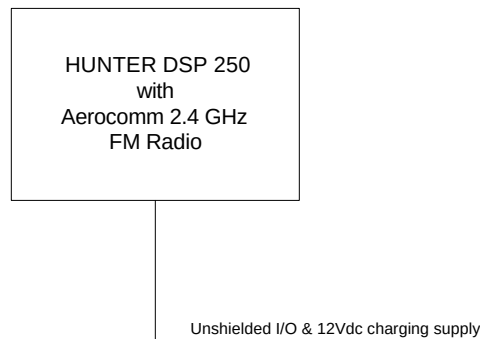
The following peripherals, FCC identifiers and types interconnecting cables were used with the EUT for testing:

EUT: HUNTER ENGINEERING COMPANY, 2.4 GHz HFSS Transceiver for Automotive Wheel Alignment System, Model: 20-24HFSS-1-0, S/N: Pre-production.

I/O Cable: All I/O cables were non-shielded

Power Supply Cable: Non-shielded

3.2. ***Block Diagrams for Radiated Emission Measurements***



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3.3. Photograph for RF Emission Measurements

**TEST SETUP FOR
RADIATED EMISSIONS MEASUREMENTS**
(tests were performed at the Open Field test Site located in Oakville, Ontario, Canada)



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3.4. Justification

No deviation, in both configuration and operation manners, different from normal operation were required.

3.5. EUT Operating Condition

Software provided by HUNTER ENGINEERING COMPANY to set the EUT to transmit or receive at various channel frequencies.

3.6. Special Accessories

No special accessories were required.

3.7. Equipment Modifications

Not applicable.

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4. **EXHIBIT 4 - TEST DATA**

4.1. **Transmitter Fundamental & Harmonic Radiated Emissions @ FCC CFR 47, Para 15.249(a)**

PRODUCT NAME: 2.4 GHz HFSS Transceiver for Automotive Wheel Alignment System,
Model No.: 20-24HFSS-1-0

FCC REQUIREMENTS:

The field strength of emissions from intentional radiators operated within these frequency bands shall comply with the following:

FUNDAMENTAL FREQUENCY	Field Strength of Fundamental @ 3m (dBuV/m)	Field Strength of Harmonics @ 3m (dBuV/m)
2413-2468 MHz	94.0	54.0
2400 - 2483.5 MHz	94.0	54.0
5725 - 5875 MHz	94.0	54.0
24.0 - 24.25 GHz	108.0	68.0

Remarks:

- Applies to harmonics/spurious emissions that fall in the restricted bands listed in Section 15.205. The maximum permitted average field strength is listed in Section 15.209.
- **@ FCC CFR 47, Para. 15.237(c)** - The emission limits as specified above are based on measurement instrument employing an average detector. The provisions in **@15.35** for limiting peak emissions apply.

FCC CFR 47, Part 15, Subpart C, Para. 15.205(a) - Restricted Frequency Bands

MHz	MHz	MHz	GHz
0.090 - 0.110	162.0125 - 167.17	2310 - 2390	9.3 - 9.5
0.49 - 0.51	167.72 - 173.2	2483.5 - 2500	10.6 - 12.7
2.1735 - 2.1905	240 - 285	2655 - 2900	13.25 - 13.4
8.362 - 8.366	322 - 335.4	3260 - 3267	14.47 - 14.5
13.36 - 13.41	399.9 - 410	3332 - 3339	14.35 - 16.2
25.5 - 25.67	608 - 614	3345.8 - 3358	17.7 - 21.4
37.5 - 38.25	960 - 1240	3600 - 4400	22.01 - 23.12
73 - 75.4	1300 - 1427	4500 - 5250	23.6 - 24.0
108 - 121.94	1435 - 1626.5	5350 - 5460	31.2 - 31.8
123 - 138	1660 - 1710	7250 - 7750	36.43 - 36.5
149.9 - 150.05	1718.8 - 1722.2	8025 - 8500	Above 38.6
156.7 - 156.9	2200 - 2300	9000 - 9200	

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FCC CFR 47, Part 15, Subpart C, Para. 15.209(a)
-- Field Strength Limits within Restricted Frequency Bands --

FREQUENCY (MHz)	FIELD STRENGTH LIMITS (microvolts/m)	DISTANCE (Meters)
0.009 - 0.490	2,400 / F (KHz)	300
0.490 - 1.705	24,000 / F (KHz)	30
1.705 - 30.0	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

CLIMATE CONDITION:

Standard Temperature and Humidity:

- Ambient temperature: 23 °C
- Relative humidity: 51%

POWER INPUT:

12 Vdc battery.

TEST EQUIPMENT:

- **Spectrum Analyzer**, Advantest, Model R3271, S/N: 15050203, 100 Hz to 32 GHz)
- **Spectrum Analyzer**, Advantest, Model 3261A, SN 91720151, Input +25dBm max., 9KHz-2.6GHz, 50 Ohms, built-in Quasi-Peak Detector.
- **RF Preselector**, Advantest Model R3551, SN 92970002, 9KHz-1GHz, 50 Ohms input/output, input +25 dBm max, 30 dB gain.
- **Microwave Amplifier**, HP, Model 83017, Frequency Range 0.5 to 26.5 GHz, 30dB gain nominal.
- **Active Loop Antenna**, Emco, Model 6507, SN 8906-1167, Frequency Range 1 KHz - 30 MHz, @ 50 Ohms
- **Log Periodic/Bow-Tie Antenna**, Emco, Model 3143, SN 1029, 20 - 1000 MHz, @ 50 ohms.
- **Log Periodic Antenna**, A.H. Systems, Model SAS-200/518, SN 343, Frequency Range: 1 - 18 GHz, @ 50 Ohms.
- **Horn Antenna**, Emco, Model 3160-09, 18-26.5GHz

METHOD OF MEASUREMENTS:

Refer to **ANSI 63.4-1992, Para. 8** for detailed radiated emissions measurement procedures.

Applies to harmonics/spurious that fall in the restricted bands listed in Section 15.205. the maximum permitted average field strength is listed in Section 15.209. A Pre-Amp and highpass filter are used for this measurement.

For measurement below 1 GHz, set RBW = 100 KHz, VBW $\geq$ 100 KHz, SWEEP=AUTO.

For measurement above 1 GHz, set RBW = 1 MHz, VBW = 1 MHz (Peak) & VBW = 10 Hz (Average), SWEEP=AUTO.

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If the emission is pulsed, modified the unit for continuous operation, then use the settings above for measurements, then correct the reading by subtracting the peak-average correction factor derived from the appropriate duty cycle calculation. See Section 15.35(b) and (c).

FCC CFR 47, Para. 2.997 - Frequency spectrum to be investigated

The spectrum was investigated from the lowest radio generated in the equipment up to at least the 10th harmonic of the carrier frequency or to the highest frequency practicable in the present state of the art of measuring techniques, whichever is lower. Particular attention should be paid to harmonics and subharmonics of the carrier frequency. Radiation at the frequencies of multiplier stages should be checked. The amplitude of spurious emissions which are attenuated more than 20 dB below the permissible value need not be reported.

FCC CFR 47, Para. 2.993 - Field Strength Spurious Emissions

- (a) Measurements was made to detect spurious emissions radiated directly from the cabinet, control circuits, power leads, or intermediate circuit elements under normal conditions of installation and operation. Curves or equivalent data were supplied showing the magnitude of each harmonic and other spurious emission. For this test, single sideband, independent sideband, and controlled carrier transmitters shall be modulated under the conditions specified in paragraph 2.989(c) as appropriate. For equipment operating on frequencies below 1 GHz, an Open Field Test is normally required, with the measuring instrument antenna located in the far field at all test frequencies. In event it is either impractical or impossible to make open field measurements (e.g. a broadcast transmitter installed in a building) measurement will be accepted of the equipment as installed. Such measurements must be accompanied by a description of the site where the measurements were made showing the location of any possible source of reflections which might distort the field strength measurements. Information submitted shall include the relative radiated power of each spurious emission with the reference to the rated power output of the transmitter, assuming all emissions are radiated from half-wave dipole antennas.
- (b) Measurements specified in paragraph (a) of this section shall be made for the following equipment:
- (1) Those in which the spurious emission are required to be 60 dB or more below the mean power of the transmitter.
 - (2) All equipment operating on frequencies higher than 25 MHz
 - (3) All equipment where the antenna is an integral part of, and attached directly to the transmitter.
 - (4) Other types of equipment as required, when deemed necessary by the Commission.

TEST RESULTS: Conforms.

TEST PERSONNEL: Mr. Hung Trinh, RFI/EMI Technician

DATE: June 10, 1999

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MEASUREMENT DATA**RADIATED EMISSIONS MEASUREMENTS @ 3 METERS****TEST CONFIGURATION**

- This lowest, middle and highest channels were established at its full rated output power. The emissions were investigated from the lowest frequency generated by the transmitter up to the 10th harmonic of the fundamental emissions in each case. the measured level of the carrier was recorded and compared to the level of the emissions as required in Parts 15.249(c) or 15.209(a) whichever was applicable.
- For measuring radiated emissions at frequencies below 1 GHz, the Spectrum Analyzer was set as 100 KHz RBW, VBW $\geq$ RBW, SWEEP TIME: AUTO, PEAK DETECTOR.
- For measuring radiated emissions at frequencies above 1 GHz, the Spectrum Analyzer was set as 1 MHz RBW, 1 MHz VBW, SWEEP TIME: AUTO for PEAK measurements and 1 MHz RBW, 10 Hz VBW, SWEEP TIME: AUTO for AVERAGE measurements.
- The following measurements were the worst cases when the radiating antenna was placed in both horizontal and vertical polarization.
- The following **AVERAGE** rf levels were obtained from either Peak or Average readings added by the duty cycle correction factor. **MAXIMUM DUTY CYCLE FACTOR = $20\text{LOG}_{10}(0.112) = -19.0 \text{ dB}$**

CHANNEL FREQUENCY TESTED: 2422.6 MHz (Lowest)

FREQUENCY (MHz)	RF PEAK LEVEL (dBuV/m)	RF AVG LEVEL (dBuV/m)	ANTENNA PLANE (H/V)	LIMIT 15.209(a) (dBuV/m)	LIMIT 15.249(a) (dBuV/m)	MARGIN (dB)	PASS/ FAIL
2422.60	106.88	87.88	V	--	94.0	-6.1	PASS
2422.60	99.16	80.16	H	--	94.0	-13.8	PASS
4845.20	65.84	44.28	V	54.0	54.0	-9.7	PASS**
4845.20	61.94	39.41	H	54.0	54.0	-14.6	PASS**
7267.80	61.50	35.09	V	54.0	54.0	-18.9	PASS**
7267.80	57.94	31.59	H	54.0	54.0	-22.4	PASS**

No other significant emissions were found in the frequency range from 10 MHz to 25 GHz. Refer to attached plots for details

**** Emission within the restricted band specified in @ 15.205(a)**

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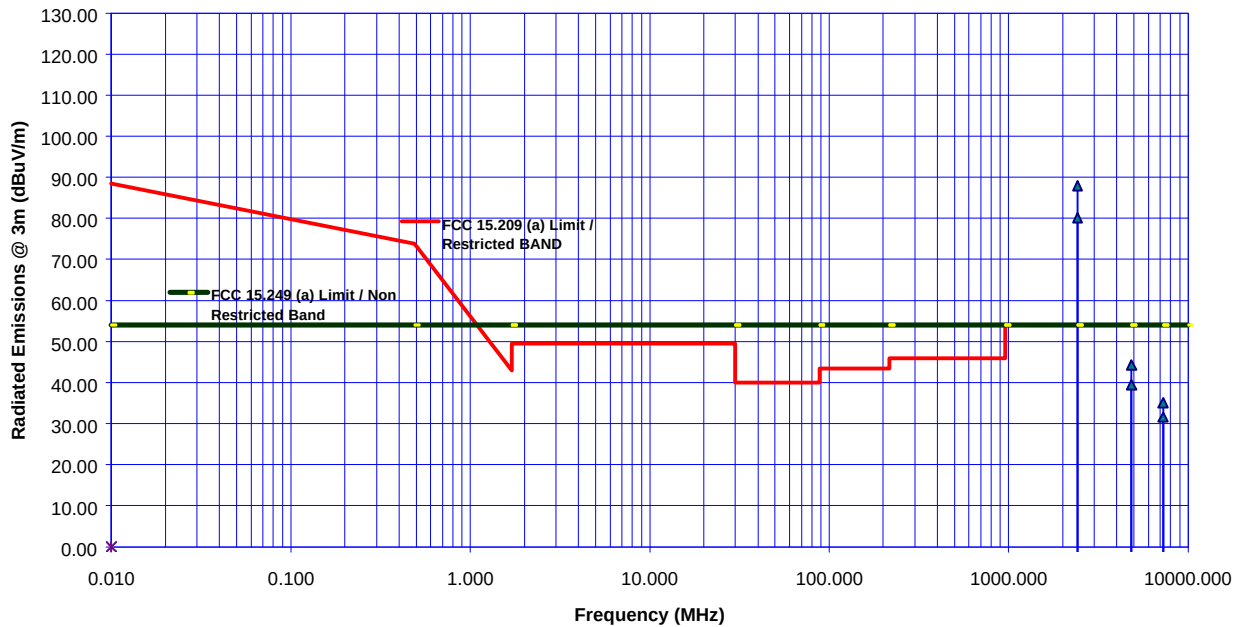
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Transmitter Radiated Emissions Measurements at 3 Meter OFTS
Hunter Engineering Company
2.4 GHz HFSS Transceiver for Automotive Wheel Alignment System
Model 20-24HFSS-1-0
TRANSMIT Freq.: 2422.6 MHz

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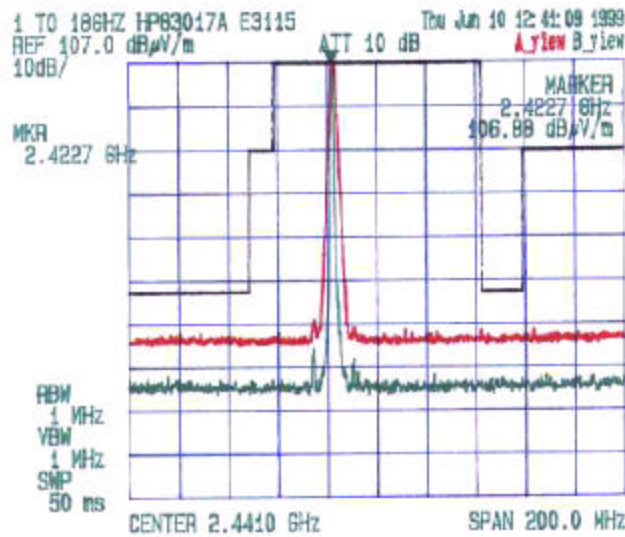
Date: June 12, 1999
Tested by: Hung Trinh

AEROCOMM
HUNTER DSP250

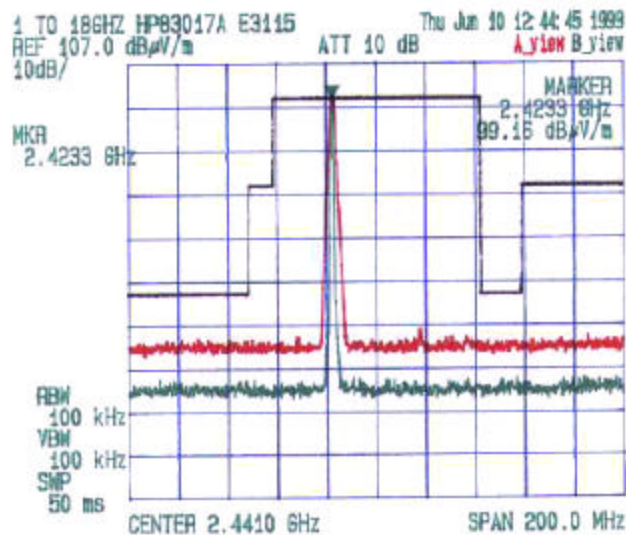
2.4 GHz Frequency Hopping Spread Spectrum Transceiver Module

Channel #: 100.567 MHz Tx Frequency: 2423.6 MHz

Radiated Emissions Measurements @ 3 Meters



VERTICAL



HORIZONTAL

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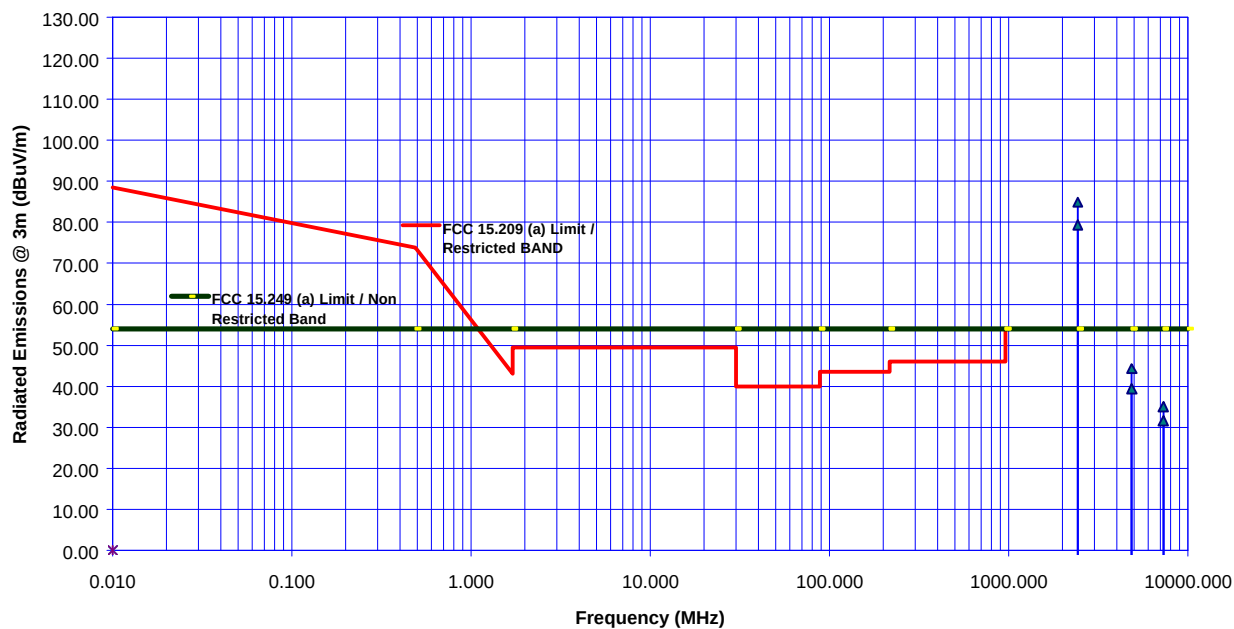
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CHANNEL FREQUENCY TESTED: 2433.2 MHz (middle)							
FREQUENCY (MHz)	RF PEAK LEVEL (dBuV/m)	RF AVG LEVEL (dBuV/m)	ANTENNA PLANE (H/V)	LIMIT 15.209(a) (dBuV/m)	LIMIT 15.249(a) (dBuV/m)	MARGIN (dB)	PASS/ FAIL
2433.2	103.88	84.88	V	--	54.0	-9.1	PASS
2433.2	98.34	79.34	H	--	54.0	-14.7	PASS
4866.4	65.84	44.28	V	54.0	54.0	-9.7	PASS**
4866.4	61.94	39.41	H	54.0	54.0	-14.6	PASS**
7299.6	61.50	35.09	V	54.0	54.0	-18.9	PASS**
7299.6	57.94	31.59	H	54.0	54.0	-22.4	PASS**

No other significant emissions were found in the frequency range from 10 MHz to 25 GHz. Refer to attached plots for details

** Emission within the restricted band specified in @ 15.205(a)

Transmitter Radiated Emissions Measurements at 3 Meter OFTS
Hunter Engineering Company
2.4 GHz HFSS Transceiver for Automotive Wheel Alignment System
Model 20-24HFSS-1-0
TRANSMIT Freq.: 2433.2 MHz



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June 15, 1999

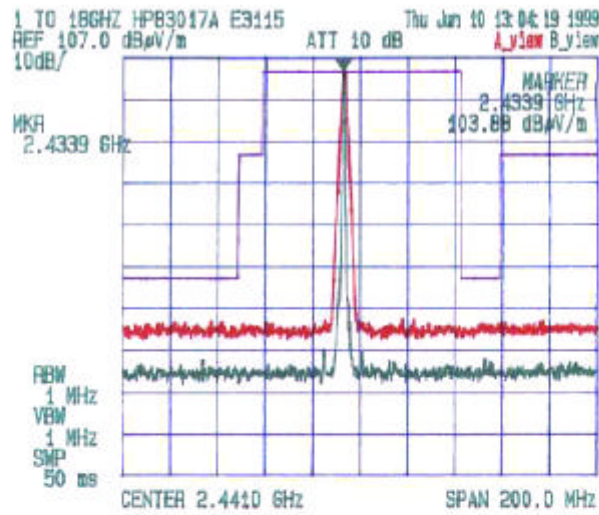
- Assessed by ITI (UK) Competent Body, NVLAP (USA) Accreditation Body & ACA/AUSTEL (Australia)
- Recognized/Listed by FCC (USA), Industry Canada (Canada)
- All test results contained in this engineering test report are traceable to National Institute of Standards and Technology (NIST)

Date: June 10, 1999
Tested by: Hung Triah

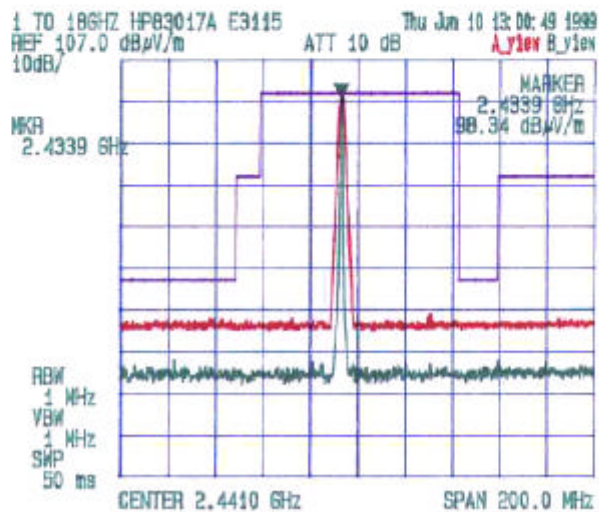
AEROCOMM
HUNTER DSP250

2.4 GHz Frequency Hopping Spread Spectrum Transceiver Module
Channel #: 44.33.2 MHz
Tx Frequency: 24.33.2 MHz

Radiated Emissions Measurements @ 3 Meters



VERTICAL



HORIZONTAL

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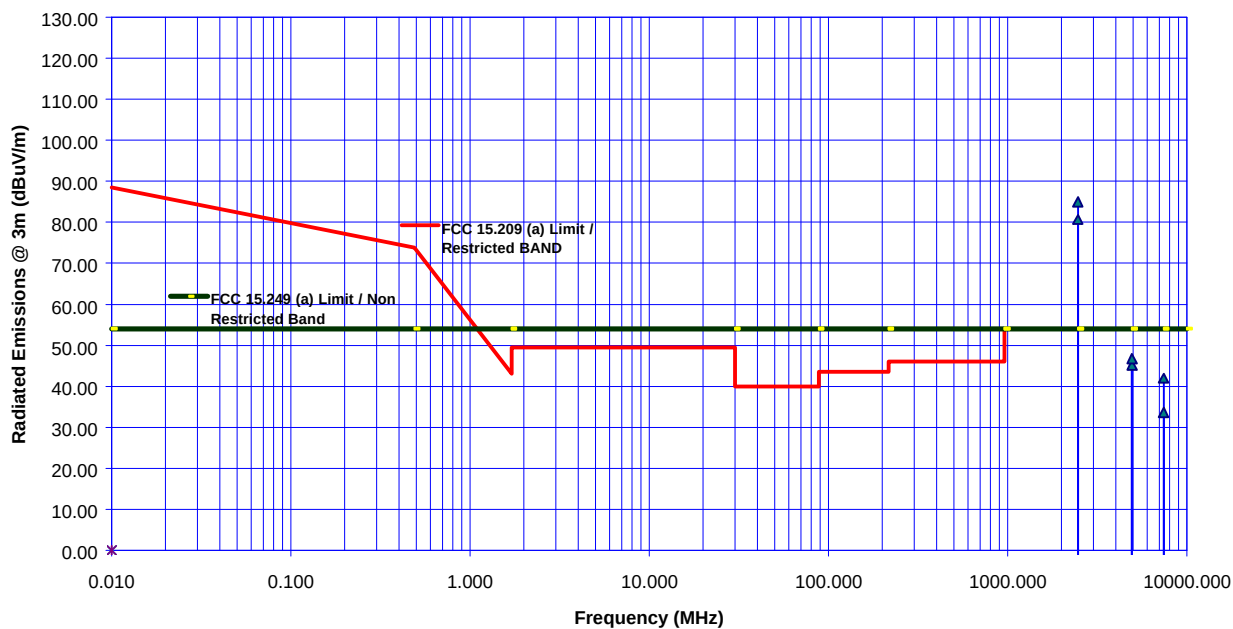
- Assessed by ITI (UK) Competent Body, NVLAP (USA) Accreditation Body & ACA/AUSTEL (Australia)
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CHANNEL FREQUENCY TESTED: 2467.9 MHz (Highest)							
FREQUENCY (MHz)	RF PEAK LEVEL (dBuV/m)	RF AVG LEVEL (dBuV/m)	ANTENNA PLANE (H/V)	LIMIT 15.209(a) (dBuV/m)	LIMIT 15.249(a) (dBuV/m)	MARGIN (dB)	PASS/ FAIL
2467.9	103.91	84.91	V	--	54.0	-9.1	PASS
2467.9	99.66	80.66	H	--	54.0	-13.3	PASS
4935.8	66.72	45.13	V	54.0	54.0	-8.9	PASS**
4935.8	68.84	46.78	H	54.0	54.0	-7.2	PASS**
7403.7	65.50	41.97	V	54.0	54.0	-12.0	PASS**
7403.7	59.69	33.66	H	54.0	54.0	-20.3	PASS**

No other significant emissions were found in the frequency range from 10 MHz to 25 GHz. Refer to attached plots for details

** Emission within the restricted band specified in @ 15.205(a)

Transmitter Radiated Emissions Measurements at 3 Meter OFTS
Hunter Engineering Company
2.4 GHz HFSS Transceiver for Automotive Wheel Alignment System
Model 20-24HFSS-1-0
TRANSMIT Freq.: 2467.9 MHz



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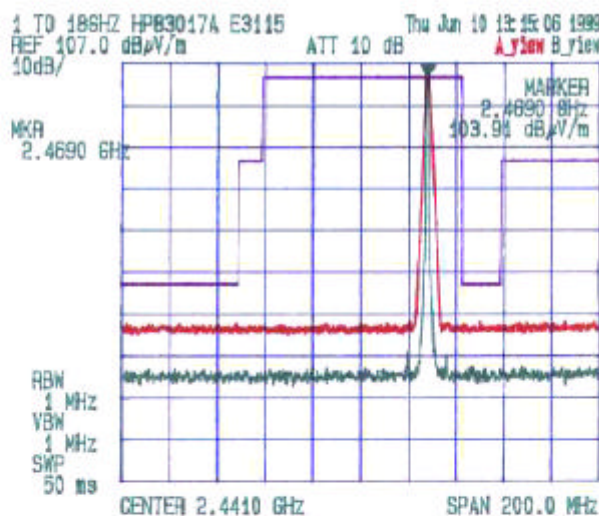
Date: June 20, 1999
Tested by: Hung Trinh

AEROCOMM

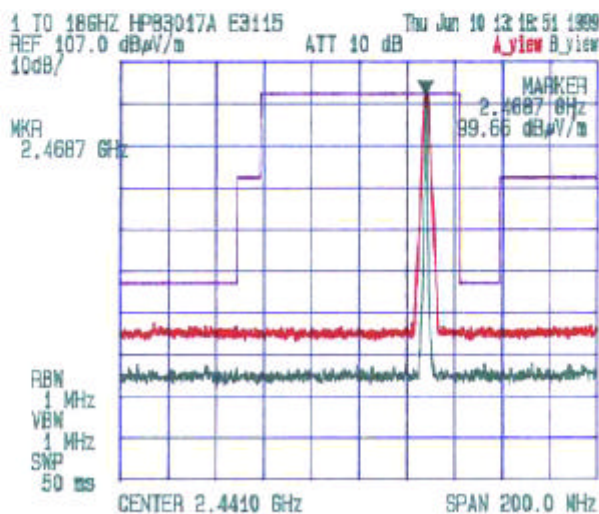
HUNTER DSP250

2.4 GHz Frequency Hopping Spread Spectrum Transceiver Module
Channel #: ~~HIGHWEST~~, Tx Frequency: ~~2429~~ MHz

Radiated Emissions Measurements @ 3 Meters



VERTICAL



HORIZONTAL

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5. **EXHIBIT 5 - GENERAL TEST PROCEDURES**

5.1. ***Electrical Field Radiated Emissions Measurements - General Test Method***

- The radiated emission measurements were performed at the UltraTech's 3 Meter Open Field Test Site (OFTS) situated in the Town of Oakville, province of Ontario. The Attenuation Characteristics of OFTS have been filed to FCC.
- Radiated emissions measurements were made using the following test instruments:
 - 1) Calibrated EMCO active loop antenna in the frequency range from 10 KHz to 1 MHz
 - 2) Calibrated EMCO biconilog antenna in the frequency range from 30 MHz to 2000 MHz.
 - 3) Calibrated A.H. Systems log periodic antenna in the frequency range above 1000 MHz (1GHz - 18 GHz).
 - 4) Horn Antennas:
 - a) Horn Antenna, Emco, Model 3160-09, 18-26.5GHz
 - b) Horn Antenna, Emco, Model 3160-10, 26.5-40GHz
 - c) Mixer, Tektronix, P/N 118-0098-00, 18-26.5GHz
 - d) Mixer, Tektronix, P/N 119-0098-00, 26.5-40GHz
 - e) Mixer, HP, P/N R3434A, 12.4-18GHz
 - f) Mixer, HP, P/N R3434B, 18-26.5GHz
 - g) Mixer, HP, P/N R3434C, 26.5-40GHz
 - 5) Calibrated Advantest spectrum analyzer and pre-selector/pre-amplifier. In general, the spectrum analyzer would be used as follows:
 - The rf electric field levels were measured with the spectrum analyzer set to PEAK detector (1 KHz RBW and 1 KHz VBW for frequency below 30 MHz, 100 KHz RBW and VBW $\geq$ RBW for Frequency below 1 GHz and 1 MHz RBW and 1 MHz VBW for frequency greater than 1 GHz).
 - If any rf emission was observed to be a broadband noise, the spectrum analyzer's CISPR QUASI-PEAK detector (120 KHz RBW and 1MHz VBW) was then set to measure the signal level.
 - If the signal being measured was narrowband and the ambient field was broadband, the bandwidth of the spectrum analyzer was reduced.
- The EUT was set-up in its typical configuration and operated in its various modes as described in 3.2 of the test report.
- The frequencies of emissions was first detected. Then the amplitude of the emissions was measured at the specified measurement distance using required antenna height, polarization, and detector characteristics.
- During this process, cables and peripheral devices were manipulated within the range of likely configuration.
- For each mode of operation required to be tested, the frequency spectrum was monitored. Variations in antenna heights (from 1 meter to 4 meters above the ground plane), antenna polarization (horizontal plane and vertical plane), cable placement and peripheral placement (each variable within bounds specified elsewhere) were explored to produce the highest amplitude signal relative to the limit.

The maximum radiated emission for a given mode of operation was found by using the following step-by-step procedure:

Step1: Monitor the frequency range of interest at a fixed antenna height and EUT azimuth.

Step2: Manipulate the system cables to produce highest amplitude signal relative to the limit. Note the amplitude and frequency of the suspect signal.

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3000 Brsitol Circle, Oakville, Ontario, Canada L6H 6G4

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- Step3: Rotate the EUT 360 degrees to maximize the suspected highest amplitude signal. If the signal or another at a different frequency is observed to exceed the previously noted highest amplitude signal by 1 dB or more, go back to the azimuth and repeat Step 2. Otherwise, orient the EUT azimuth to repeat the highest amplitude observation and proceed.
- Step4: Move the antenna over its full allowed range of travel (1 to 4 meters) to maximize the suspected highest amplitude signal. If the signal or another at a different frequency is observed to exceed the previously noted highest amplitude signal by 1 dB or more, return to Step 2 with the highest amplitude observation and proceed.
- Step5: Change the polarization of the antenna and repeat Step 2 through 4. Compare the resulting suspected highest amplitude signal with that found for the other polarization. Select and note the higher of the two signals. This signal is termed the highest observed signal with respect to the limit for this EUT operational mode.
- Step6: The effects of various modes of operation is examined. This is done by varying the equipment modes as steps 2 through 5 are being performed.
- Step7: After completing steps 1 through 6, record the final highest emission level, frequency, antenna polarization and detector mode of the measuring instrument.

Calculation of Field Strength:

The field strength is calculated by adding the calibrated antenna factor and cable factor, and subtracting the Amplifier gain (if any) from the measured reading. The basic equation with a sample calculation is as follows:

$$FS = RA + AF + CF - AG$$

Where	FS	=	Field Strength
	RA	=	Receiver/Analyzer Reading
	AF	=	Antenna Factor
	CF	=	Cable Attenuation Factor
	AG	=	Amplifier Gain

Example: If a receiver reading of 60.0 dBuV is obtained, the antenna factor of 7.0 dB/m and cable factor of 1.0 dB are added, and the amplifier gain of 30 dB is subtracted. The actual field strength will be:.

$$\text{Field Level in dBuV/m} = 60 + 7.0 + 1.0 - 30 = 38.0 \text{ dBuV/m.}$$

$$\text{Field Level in uV/m} = 10^{(38/20)} = 79.43 \text{ uV/m.}$$

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6. EXHIBIT 6 - INFORMATION RELATED TO EQUIPMENT UNDER TESTS**6.1. *FCC ID Labeling and Sketch of FCC Label Location***

Refer to the original application

6.2. *Photographs of Equipment under Test*

Refer to the original application

6.3. *System Block Diagram(s)*

Refer to the original application

6.4. *Schematic Diagrams*

Refer to the original application

6.5. *User's Manual with "FCC Information to User Statements"*

Refer to the original application

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