GENERAL INFORMATION REQUIREMENTS

Paragraph 2.983(a)

Name of Applicant:	Nucomm, Inc.
Address of Applicant:	101 Bilby Road Hackettstown, NJ 07840
Name of Manufacturer:	Nucomm, Inc.

Paragraph 2.983(b)

Equipment Identification:	**FCC ID: I4U27VT2-L5-E1P5**

Para. 2.1053

FIELD STRENGTH of SPURIOUS EMISSIONS, EFFECTIVE RADIATED POWER

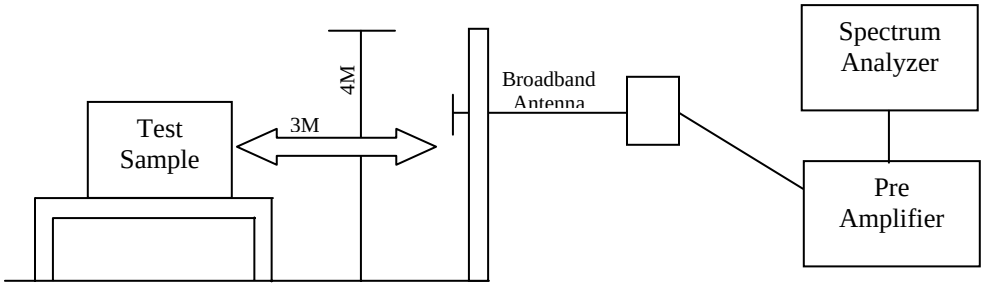
FIELD STRENGTH of SPURIOUS EMISSIONS, EFFECTIVE RADIATED POWER (Para. 2.1053)

A. Measurement Procedure:

The spurious emissions of the transmitter from 30 MHz to 40 GHz were measured in accordance with TIA/EIA603, Paragraph 2.2.1.2 as described below:

The transmitter under test was placed on an 80-cm high non-metallic table on the Open Air Test Site with its antenna terminated into a shielded load. A receive antenna was placed three meters away from the transmitter. The turntable was rotated 360 degrees and the receive antenna was raised and lowered from 1 to 4 meters until a maximum reading was obtained at each spurious emission detected. This reading was recorded. The transmitter under test was replaced with a dipole (or equivalent antenna) and signal generator. The signal generator was set to the frequency for the spurious emission. The level of the signal generator was increased until the level was equal to that previously measured. The required input level from the signal generator in dBm was recorded and the antenna gain (in dB) of the transmit antenna was added. This was the Effective Radiated Power of the spurious emission.

Setup of the test is shown below:



A. Test Results:

The EUT was found to comply with the requirements specified for this test method

EQUIPMENT LIST
TIA/EIA-603-1992, Section 2.2.12, Radiated Spurious Emissions (30MHz – 40GHz)

EN	Type	Manufacturer	Description	Model No.	Cal Date	Due Date
067	Open Area Test Site	Retlif	3 Meter	RNY	9/12/2006	9/12/2009
127B	Biconical Antenna	Electro-Metrics	20 MHz - 200 MHz	BIA-25	6/5/2006	6/5/2007
128	Double Ridged Guide	Electro-Mechanics	1 GHz - 18 GHz	3105	3/27/2006	3/27/2007
133	Broadband Pre-Amplifier	Electro-Metrics	10 kHz - 1 GHz, 26dB	BPA-1000	6/27/2006	6/27/2007
206B	6.0 dB Attenuator	Texscan	0 - 1.0 GHz	FP-50 - 6 dB	6/27/2006	6/27/2007
450B	Tuned Dipole Antenna	Empire Devices	140 - 400 MHz	DM-105-T2	8/12/2003	11/12/2006
450C	Tuned Dipole Antenna	Empire Devices	400 - 1000 MHz	DM-105-T3	8/12/2003	11/12/2006
543	Preamplifier	Hewlett Packard	1.0 GHz - 26.5 GHz	8449B	9/9/2005	9/9/2007
574	AM/FM Signal Generator	Marconi Instru.	9 kHz - 2.4 GHz	2024	7/25/2006	7/25/2007
648A	Power Meter	Boonton Electronics	10 kHz - 100 GHz	4232A	6/1/2006	6/1/2007
649A	Power Sensor	Boonton Electronics	10 kHz - 8 GHz	51011-EMC	10/20/2005	10/25/2006
712A	Cable	Retlif	10 kHz - 18 GHz	R&S Analyzer	6/3/2006	6/3/2007
712B	Cable	Retlif	10 kHz - 18 GHz	R&S Analyzer	8/21/2006	8/21/2007
712C	Cable	Retlif	10 kHz - 18 GHz	R&S Analyzer	6/3/2006	6/3/2007
723	H.P. Filter	Mini-Circuits	1 GHz	BHP-1000	8/7/2006	8/7/2007
731	Log Periodic Antenna	Electro-Metrics	200 - 1000 MHz	LPA-30	3/17/2006	3/17/2007
763	Spectrum Analyzer	Agilent	30 Hz - 13.2 GHz	E4405B	8/18/2006	8/18/2007

Test Method:	TIA / EIA-603-1992, Section 2.2.12, Radiated Spurious Emissions (30 MHz – 26 GHZ)		
Customer:	Nucomm, Inc.	**Job No.:**	R-11489
Test Sample:	2 GHz / 7 GHz Digital / Analog ENG/OB Van Transmitter.		
Part No.:	2 / 7NCVT2-L5E1.5-326-A2C2K	**FCC ID.:**	I4U27VT2-L5-E1P5
Operating Mode:	Color bars plus audio, High power, Channel 1, Analog FM Modulation, 12 MHz channel Transmitting at 2031.5 MHz.		
Technician:	R. Soodoo	**Date:**	October 12, 2006.

Notes: Test Distance: 3 Meters Temp: 20°C Humidity: 15%
Detector: Peak Limit: (43+10 log P) down from fundamental level = -13dBm

Frequency	Antenna Position	EUT Orientation	Meter Readings	Power Meter Reading	Gain Above Isotropic	Cable loss	ERP	**Limit**
MHz	(V/H) / Meters	Degrees	dBuV	dBm	dB	dB	dBm	dBm
30.00								-13.0
26000.0								-13.0

NO EMISSIONS OBSERVED AT THE SPECIFIED TEST DISTANCE

The EUT was placed on a table, and the radiated output level was measured with a receive antenna.
After the level was maximized, the EUT was replaced with a transmit antenna and a signal generator.
The level of the generator was raised until it matched the level recorded from the EUT and this plus the antenna gain was considered the output power.
All emissions not recorded were more than 20 dB below the limit

Test Method:	TIA / EIA-603-1992, Section 2.2.12, Radiated Spurious Emissions (30 MHz – 26 GHZ)		
Customer:	Nucomm, Inc.	**Job No.:**	R-11489
Test Sample:	2 GHz / 7 GHz Digital / Analog ENG/OB Van Transmitter.		
Part No.:	2 / 7NCVT2-L5E1.5-326-A2C2K	**FCC ID.:**	I4U27VT2-L5-E1P5
Operating Mode:	Color bars plus audio, High power, Channel 1, Digital COFDM Modulation, 12 MHz channel Transmitting at 2031.5 MHz.		
Technician:	R. Soodoo	**Date:**	October 12, 2006.

Notes: Test Distance: 3 Meters Temp: 20°C Humidity: 15%
Detector: Peak Limit: (43+10 log P) down from fundamental level = -13dBm

Frequency	Antenna Position	EUT Orientation	Meter Readings	Power Meter Reading	Gain Above Isotropic	Cable loss	ERP	**Limit**
MHz	(V/H) / Meters	Degrees	dBµV	dBm	dB	dB	dBm	dBm
30.00								-13.0
378.0	H / 1.0	158.0	48.4	-53.7	2.2	1.6	-49.9	
26000.0								-13.0

The EUT was placed on a table, and the radiated output level was measured with a receive antenna.
After the level was maximized, the EUT was replaced with a transmit antenna and a signal generator.
The level of the generator was raised until it matched the level recorded from the EUT and this plus the antenna gain was considered the output power.
All emissions not recorded were more than 20 dB below the limit

Test Method:	TIA / EIA-603-1992, Section 2.2.12, Radiated Spurious Emissions (30 MHz – 26 GHZ)		
Customer:	Nucomm, Inc.	**Job No.:**	R-11489
Test Sample:	2 GHz / 7 GHz Digital / Analog ENG/OB Van Transmitter.		
Part No.:	2 / 7NCVT2-L5E1.5-326-A2C2K	**FCC ID.:**	I4U27VT2-L5-E1P5
Operating Mode:	Color bars plus audio, High power, Channel 3, Analog FM Modulation, 12 MHz channel Transmitting at 2055.5 MHz.		
Technician:	R. Soodoo	**Date:**	October 12, 2006.

Notes: Test Distance: 3 Meters Temp: 20°C Humidity: 15%
Detector: Peak Limit: (43+10 log P) down from fundamental level = -13dBm

Frequency	Antenna Position	EUT Orientation	Meter Readings	Power Meter Reading	Gain Above Isotropic	Cable loss	ERP	**Limit**
MHz	(V/H) / Meters	Degrees	dBµV	dBm	dB	dB	dBm	dBm
30.00								-13.0
26000.0								-13.0

NO EMISSIONS OBSERVED AT THE SPECIFIED TEST DISTANCE

The EUT was placed on a table, and the radiated output level was measured with a receive antenna.
After the level was maximized, the EUT was replaced with a transmit antenna and a signal generator.
The level of the generator was raised until it matched the level recorded from the EUT and this plus the antenna gain was considered the output power.
All emissions not recorded were more than 20 dB below the limit

Test Method:	TIA / EIA-603-1992, Section 2.2.12, Radiated Spurious Emissions (30 MHz – 26 GHZ)		
Customer:	Nucomm, Inc.	**Job No.:**	R-11489
Test Sample:	2 GHz / 7 GHz Digital / Analog ENG/OB Van Transmitter.		
Part No.:	2 / 7NCVT2-L5E1.5-326-A2C2K	**FCC ID.:**	I4U27VT2-L5-E1P5
Operating Mode:	Color bars plus audio, High power, Channel 3, Digital COFDM Modulation, 12 MHz channel Transmitting at 2055.5 MHz.		
Technician:	R. Soodoo	**Date:**	October 12, 2006.

Notes: Test Distance: 3 Meters Temp: 20°C Humidity: 15%
Detector: Peak Limit: (43+10 log P) down from fundamental level = -13dBm

Frequency	Antenna Position	EUT Orientation	Meter Readings	Power Meter Reading	Gain Above Isotropic	Cable loss	ERP	**Limit**
MHz	(V/H) / Meters	Degrees	dBµV	dBm	dB	dB	dBm	dBm
30.00								-13.0
26000.0								-13.0

NO EMISSIONS OBSERVED AT THE SPECIFIED TEST DISTANCE

The EUT was placed on a table, and the radiated output level was measured with a receive antenna.
After the level was maximized, the EUT was replaced with a transmit antenna and a signal generator.
The level of the generator was raised until it matched the level recorded from the EUT and this plus the antenna gain was considered the output power.
All emissions not recorded were more than 20 dB below the limit

Test Method:	TIA / EIA-603-1992, Section 2.2.12, Radiated Spurious Emissions (30 MHz – 26 GHZ)		
Customer:	Nucomm, Inc.	**Job No.:**	R-11489
Test Sample:	2 GHz / 7 GHz Digital / Analog ENG/OB Van Transmitter.		
Part No.:	2 / 7NCVT2-L5E1.5-326-A2C2K	**FCC ID.:**	I4U27VT2-L5-E1P5
Operating Mode:	Color bars plus audio, High power, Channel 5, Analog FM Modulation, 12 MHz channel Transmitting at 2079.5 MHz.		
Technician:	R. Soodoo	**Date:**	October 12, 2006.

Notes: Test Distance: 3 Meters Temp: 20°C Humidity: 15%
Detector: Peak Limit: (43+10 log P) down from fundamental level = -13dBm

Frequency	Antenna Position	EUT Orientation	Meter Readings	Power Meter Reading	Gain Above Isotropic	Cable loss	ERP	**Limit**
MHz	(V/H) / Meters	Degrees	dBµV	dBm	dB	dB	dBm	dBm
30.00								-13.0
26000.0								-13.0

NO EMISSIONS OBSERVED AT THE SPECIFIED TEST DISTANCE

The EUT was placed on a table, and the radiated output level was measured with a receive antenna.
After the level was maximized, the EUT was replaced with a transmit antenna and a signal generator.
The level of the generator was raised until it matched the level recorded from the EUT and this plus the antenna gain was considered the output power.
All emissions not recorded were more than 20 dB below the limit

Test Method:	TIA / EIA-603-1992, Section 2.2.12, Radiated Spurious Emissions (30 MHz – 26 GHZ)		
Customer:	Nucomm, Inc.	**Job No.:**	R-11489
Test Sample:	2 GHz / 7 GHz Digital / Analog ENG/OB Van Transmitter.		
Part No.:	2 / 7NCVT2-L5E1.5-326-A2C2K	**FCC ID.:**	I4U27VT2-L5-E1P5
Operating Mode:	Color bars plus audio, High power, Channel 5, Digital COFDM Modulation, 12 MHz channel Transmitting at 2079.5 MHz.		
Technician:	R. Soodoo	**Date:**	October 12, 2006.

Notes: Test Distance: 3 Meters Temp: 20°C Humidity: 15%
Detector: Peak Limit: (43+10 log P) down from fundamental level = -13dBm

Frequency	Antenna Position	EUT Orientation	Meter Readings	Power Meter Reading	Gain Above Isotropic	Cable loss	ERP	**Limit**
MHz	(V/H) / Meters	Degrees	dBµV	dBm	dB	dB	dBm	dBm
30.00								-13.0
26000.0								-13.0

NO EMISSIONS OBSERVED AT THE SPECIFIED TEST DISTANCE

The EUT was placed on a table, and the radiated output level was measured with a receive antenna.
After the level was maximized, the EUT was replaced with a transmit antenna and a signal generator.
The level of the generator was raised until it matched the level recorded from the EUT and this plus the antenna gain was considered the output power.
All emissions not recorded were more than 20 dB below the limit

Test Method:	TIA / EIA-603-1992, Section 2.2.12, Radiated Spurious Emissions (30 MHz – 26 GHZ)		
Customer:	Nucomm, Inc.	**Job No.:**	R-11489
Test Sample:	2 GHz / 7 GHz Digital / Analog ENG/OB Van Transmitter.		
Part No.:	2 / 7NCVT2-L5E1.5-326-A2C2K	**FCC ID.:**	I4U27VT2-L5-E1P5
Operating Mode:	Color bars plus audio, High power, Channel 7, Analog FM Modulation, 12 MHz channel Transmitting at 2103.5 MHz.		
Technician:	R. Soodoo	**Date:**	October 12, 2006.

Notes: Test Distance: 3 Meters Temp: 20°C Humidity: 15%
Detector: Peak Limit: (43+10 log P) down from fundamental level = -13dBm

Frequency	Antenna Position	EUT Orientation	Meter Readings	Power Meter Reading	Gain Above Isotropic	Cable loss	ERP	**Limit**
MHz	(V/H) / Meters	Degrees	dBµV	dBm	dB	dB	dBm	dBm
30.00								-13.0
26000.0								-13.0

NO EMISSIONS OBSERVED AT THE SPECIFIED TEST DISTANCE

The EUT was placed on a table, and the radiated output level was measured with a receive antenna.
After the level was maximized, the EUT was replaced with a transmit antenna and a signal generator.
The level of the generator was raised until it matched the level recorded from the EUT and this plus the antenna gain was considered the output power.
All emissions not recorded were more than 20 dB below the limit

Test Method:	TIA / EIA-603-1992, Section 2.2.12, Radiated Spurious Emissions (30 MHz – 26 GHZ)		
Customer:	Nucomm, Inc.	**Job No.:**	R-11489
Test Sample:	2 GHz / 7 GHz Digital / Analog ENG/OB Van Transmitter.		
Part No.:	2 / 7NCVT2-L5E1.5-326-A2C2K	**FCC ID.:**	I4U27VT2-L5-E1P5
Operating Mode:	Color bars plus audio, High power, Channel 7, Digital COFDM Modulation, 12 MHz channel Transmitting at 2103.5 MHz.		
Technician:	R. Soodoo	**Date:**	October 12, 2006.

Notes: Test Distance: 3 Meters Temp: 20°C Humidity: 15%
Detector: Peak Limit: (43+10 log P) down from fundamental level = -13dBm

Frequency	Antenna Position	EUT Orientation	Meter Readings	Power Meter Reading	Gain Above Isotropic	Cable loss	ERP	**Limit**
MHz	(V/H) / Meters	Degrees	dBµV	dBm	dB	dB	dBm	dBm
30.00								-13.0
26000.0								-13.0

NO EMISSIONS OBSERVED AT THE SPECIFIED TEST DISTANCE

The EUT was placed on a table, and the radiated output level was measured with a receive antenna.
After the level was maximized, the EUT was replaced with a transmit antenna and a signal generator.
The level of the generator was raised until it matched the level recorded from the EUT and this plus the antenna gain was considered the output power.
All emissions not recorded were more than 20 dB below the limit

Test Method:	TIA / EIA-603-1992, Section 2.2.12, Radiated Spurious Emissions (30 MHz – 26 GHZ)		
Customer:	Nucomm, Inc.	**Job No.:**	R-11489
Test Sample:	2 GHz / 7 GHz Digital / Analog ENG/OB Van Transmitter.		
Part No.:	2 / 7NCVT2-L5E1.5-326-A2C2K	**FCC ID.:**	I4U27VT2-L5-E1P5
Operating Mode:	Color bars plus audio, High power, Channel 1, Analog FM Modulation, 17 MHz channel Transmitting at 1999.5 MHz.		
Technician:	R. Soodoo	**Date:**	October 12, 2006.

Notes: Test Distance: 3 Meters Temp: 20°C Humidity: 15%
Detector: Peak Limit: (43+10 log P) down from fundamental level = -13dBm

Frequency	Antenna Position	EUT Orientation	Meter Readings	Power Meter Reading	Gain Above Isotropic	Cable loss	ERP	**Limit**
MHz	(V/H) / Meters	Degrees	dBµV	dBm	dB	dB	dBm	dBm
30.00								-13.0
675.5	V / 1.0	203.0	36.2	-55.2	2.2	0.7	-52.3	
26000.0								-13.0

The EUT was placed on a table, and the radiated output level was measured with a receive antenna.
After the level was maximized, the EUT was replaced with a transmit antenna and a signal generator.
The level of the generator was raised until it matched the level recorded from the EUT and this plus the antenna gain was considered the output power.
All emissions not recorded were more than 20 dB below the limit

Test Method:	TIA / EIA-603-1992, Section 2.2.12, Radiated Spurious Emissions (30 MHz – 26 GHZ)		
Customer:	Nucomm, Inc.	**Job No.:**	R-11489
Test Sample:	2 GHz / 7 GHz Digital / Analog ENG/OB Van Transmitter.		
Part No.:	2 / 7NCVT2-L5E1.5-326-A2C2K	**FCC ID.:**	I4U27VT2-L5-E1P5
Operating Mode:	Color bars plus audio, High power, Channel 1 , Digital COFDM Modulation, 17 MHz channel Transmitting at 1999.0 MHz.		
Technician:	R. Soodoo	**Date:**	October 12, 2006.

Notes: Test Distance: 3 Meters Temp: 20°C Humidity: 15%
Detector: Peak Limit: (43+10 log P) down from fundamental level = -13dBm

Frequency	Antenna Position	EUT Orientation	Meter Readings	Power Meter Reading	Gain Above Isotropic	Cable loss	ERP	**Limit**
MHz	(V/H) / Meters	Degrees	dBµV	dBm	dB	dB	dBm	dBm
30.00								-13.0
26000.0								-13.0

NO EMISSIONS OBSERVED AT THE SPECIFIED TEST DISTANCE

The EUT was placed on a table, and the radiated output level was measured with a receive antenna.
After the level was maximized, the EUT was replaced with a transmit antenna and a signal generator.
The level of the generator was raised until it matched the level recorded from the EUT and this plus the antenna gain was considered the output power.
All emissions not recorded were more than 20 dB below the limit

Test Method:	TIA / EIA-603-1992, Section 2.2.12, Radiated Spurious Emissions (30 MHz – 26 GHZ)		
Customer:	Nucomm, Inc.	**Job No.:**	R-11489
Test Sample:	2 GHz / 7 GHz Digital / Analog ENG/OB Van Transmitter.		
Part No.:	2 / 7NCVT2-L5E1.5-326-A2C2K	**FCC ID.:**	I4U27VT2-L5-E1P5
Operating Mode:	Color bars plus audio, High power, Channel 4, Analog FM Modulation, 17 MHz channel Transmitting at 2050.5 MHz.		
Technician:	R. Soodoo	**Date:**	October 12, 2006.

Notes: Test Distance: 3 Meters Temp: 20°C Humidity: 15%
Detector: Peak Limit: (43+10 log P) down from fundamental level = -13dBm

Frequency	Antenna Position	EUT Orientation	Meter Readings	Power Meter Reading	Gain Above Isotropic	Cable loss	ERP	**Limit**
MHz	(V/H) / Meters	Degrees	dBµV	dBm	dB	dB	dBm	dBm
30.00								-13.0
26000.0								-13.0

NO EMISSIONS OBSERVED AT THE SPECIFIED TEST DISTANCE

The EUT was placed on a table, and the radiated output level was measured with a receive antenna.
After the level was maximized, the EUT was replaced with a transmit antenna and a signal generator.
The level of the generator was raised until it matched the level recorded from the EUT and this plus the antenna gain was considered the output power.
All emissions not recorded were more than 20 dB below the limit

Test Method:	TIA / EIA-603-1992, Section 2.2.12, Radiated Spurious Emissions (30 MHz – 26 GHZ)		
Customer:	Nucomm, Inc.	**Job No.:**	R-11489
Test Sample:	2 GHz / 7 GHz Digital / Analog ENG/OB Van Transmitter.		
Part No.:	2 / 7NCVT2-L5E1.5-326-A2C2K	**FCC ID.:**	I4U27VT2-L5-E1P5
Operating Mode:	Color bars plus audio, High power, Channel 4 , Digital COFDM Modulation, 17 MHz channel Transmitting at 2050.5 MHz.		
Technician:	R. Soodoo	**Date:**	October 12, 2006.

Notes: Test Distance: 3 Meters Temp: 20°C Humidity: 15%
Detector: Peak Limit: (43+10 log P) down from fundamental level = -13dBm

Frequency	Antenna Position	EUT Orientation	Meter Readings	Power Meter Reading	Gain Above Isotropic	Cable loss	ERP	**Limit**
MHz	(V/H) / Meters	Degrees	dBµV	dBm	dB	dB	dBm	dBm
30.00								-13.0
26000.0								-13.0

NO EMISSIONS OBSERVED AT THE SPECIFIED TEST DISTANCE

The EUT was placed on a table, and the radiated output level was measured with a receive antenna.
After the level was maximized, the EUT was replaced with a transmit antenna and a signal generator.
The level of the generator was raised until it matched the level recorded from the EUT and this plus the antenna gain was considered the output power.
All emissions not recorded were more than 20 dB below the limit

Test Method:	TIA / EIA-603-1992, Section 2.2.12, Radiated Spurious Emissions (30 MHz – 26 GHZ)		
Customer:	Nucomm, Inc.	**Job No.:**	R-11489
Test Sample:	2 GHz / 7 GHz Digital / Analog ENG/OB Van Transmitter.		
Part No.:	2 / 7NCVT2-L5E1.5-326-A2C2K	**FCC ID.:**	I4U27VT2-L5-E1P5
Operating Mode:	Color bars plus audio, High power, Channel 7, Analog FM Modulation, 17 MHz channel Transmitting at 2101.5 MHz.		
Technician:	R. Soodoo	**Date:**	October 12, 2006.

Notes: Test Distance: 3 Meters Temp: 20°C Humidity: 15%
Detector: Peak Limit: (43+10 log P) down from fundamental level = -13dBm

Frequency	Antenna Position	EUT Orientation	Meter Readings	Power Meter Reading	Gain Above Isotropic	Cable loss	ERP	**Limit**
MHz	(V/H) / Meters	Degrees	dBµV	dBm	dB	dB	dBm	dBm
30.00								-13.0
26000.0								-13.0

NO EMISSIONS OBSERVED AT THE SPECIFIED TEST DISTANCE

The EUT was placed on a table, and the radiated output level was measured with a receive antenna.
After the level was maximized, the EUT was replaced with a transmit antenna and a signal generator.
The level of the generator was raised until it matched the level recorded from the EUT and this plus the antenna gain was considered the output power.
All emissions not recorded were more than 20 dB below the limit

Test Method:	TIA / EIA-603-1992, Section 2.2.12, Radiated Spurious Emissions (30 MHz – 26 GHZ)		
Customer:	Nucomm, Inc.	**Job No.:**	R-11489
Test Sample:	2 GHz / 7 GHz Digital / Analog ENG/OB Van Transmitter.		
Part No.:	2 / 7NCVT2-L5E1.5-326-A2C2K	**FCC ID.:**	I4U27VT2-L5-E1P5
Operating Mode:	Color bars plus audio, High power, Channel 7 , Digital COFDM Modulation, 17 MHz channel Transmitting at 2101.5 MHz.		
Technician:	R. Soodoo	**Date:**	October 12, 2006.

Notes: Test Distance: 3 Meters Temp: 20°C Humidity: 15%
Detector: Peak Limit: (43+10 log P) down from fundamental level = -13dBm

Frequency	Antenna Position	EUT Orientation	Meter Readings	Power Meter Reading	Gain Above Isotropic	Cable loss	ERP	**Limit**
MHz	(V/H) / Meters	Degrees	dBµV	dBm	dB	dB	dBm	dBm
30.00								-13.0
26000.0								-13.0

NO EMISSIONS OBSERVED AT THE SPECIFIED TEST DISTANCE

The EUT was placed on a table, and the radiated output level was measured with a receive antenna.
After the level was maximized, the EUT was replaced with a transmit antenna and a signal generator.
The level of the generator was raised until it matched the level recorded from the EUT and this plus the antenna gain was considered the output power.
All emissions not recorded were more than 20 dB below the limit

Test Method:	TIA / EIA-603-1992, Section 2.2.12, Radiated Spurious Emissions (30 MHz – 26 GHZ)		
Customer:	Nucomm, Inc.	**Job No.:**	R-11489
Test Sample:	2 GHz / 7 GHz Digital / Analog ENG/OB Van Transmitter.		
Part No.:	2 / 7NCVT2-L5E1.5-326-A2C2K	**FCC ID.:**	I4U27VT2-L5-E1P5
Operating Mode:	Color bars plus audio, High power, Channel 10, Analog FM Modulation, 17 MHz channel Transmitting at 2492.5 MHz.		
Technician:	R. Soodoo	**Date:**	October 12, 2006.
Notes:	Test Distance: 3 Meters Temp: 20°C Humidity: 15% Detector: Peak Limit: (43+10 log P) down from fundamental level = -13dBm		

Frequency	Antenna Position	EUT Orientation	Meter Readings	Power Meter Reading	Gain Above Isotropic	Cable loss	ERP	**Limit**
MHz	(V/H) / Meters	Degrees	dBµV	dBm	dB	dB	dBm	dBm
30.00								-13.0
26000.0								-13.0
	The EUT was placed on a table, and the radiated output level was measured with a receive antenna.							
	After the level was maximized, the EUT was replaced with a transmit antenna and a signal generator.							
	The level of the generator was raised until it matched the level recorded from the EUT and this plus							
	the antenna gain was considered the output power.							
	All emissions not recorded were more than 20 dB below the limit							

NO EMISSIONS OBSERVED AT THE SPECIFIED TEST DISTANCE

Test Method:	TIA / EIA-603-1992, Section 2.2.12, Radiated Spurious Emissions (30 MHz – 26 GHZ)		
Customer:	Nucomm, Inc.	**Job No.:**	R-11489
Test Sample:	2 GHz / 7 GHz Digital / Analog ENG/OB Van Transmitter.		
Part No.:	2 / 7NCVT2-L5E1.5-326-A2C2K	**FCC ID.:**	I4U27VT2-L5-E1P5
Operating Mode:	Color bars plus audio, High power, Channel 10 , Digital COFDM Modulation, 17 MHz channel Transmitting at 2492.5 MHz.		
Technician:	R. Soodoo	**Date:**	October 12, 2006.

Notes: Test Distance: 3 Meters Temp: 20°C Humidity: 15%
Detector: Peak Limit: (43+10 log P) down from fundamental level = -13dBm

Frequency	Antenna Position	EUT Orientation	Meter Readings	Power Meter Reading	Gain Above Isotropic	Cable loss	ERP	**Limit**
MHz	(V/H) / Meters	Degrees	dBµV	dBm	dB	dB	dBm	dBm
30.00								-13.0
26000.0								-13.0

NO EMISSIONS OBSERVED AT THE SPECIFIED TEST DISTANCE

The EUT was placed on a table, and the radiated output level was measured with a receive antenna.
After the level was maximized, the EUT was replaced with a transmit antenna and a signal generator.
The level of the generator was raised until it matched the level recorded from the EUT and this plus the antenna gain was considered the output power.
All emissions not recorded were more than 20 dB below the limit

Test Method:	TIA / EIA-603-1992, Section 2.2.12, Radiated Spurious Emissions (30 MHz – 40 GHZ)		
Customer:	Nucomm, Inc.	**Job No.:**	R-11489
Test Sample:	2 GHz / 7 GHz Digital / Analog ENG/OB Van Transmitter.		
Part No.:	2 / 7NCVT2-L5E1.5-326-A2C2K	**FCC ID.:**	I4U27VT2-L5-E1P5
Operating Mode:	Color bars plus audio, High power, Channel 1, Analog FM Modulation, 25 MHz channel Transmitting at 6887.5 MHz.		
Technician:	R. Soodoo	**Date:**	October 12, 2006.

Notes: Test Distance: 3 Meters Temp: 20°C Humidity: 15%
Detector: Peak Limit: (43+10 log P) down from fundamental level = -13dBm

Frequency	Antenna Position	EUT Orientation	Meter Readings	Power Meter Reading	Gain Above Isotropic	Cable loss	ERP	**Limit**
MHz	(V/H) / Meters	Degrees	dBµV	dBm	dB	dB	dBm	dBm
30.00								-13.0
40000.0								-13.0

NO EMISSIONS OBSERVED AT THE SPECIFIED TEST DISTANCE

The EUT was placed on a table, and the radiated output level was measured with a receive antenna.
After the level was maximized, the EUT was replaced with a transmit antenna and a signal generator.
The level of the generator was raised until it matched the level recorded from the EUT and this plus the antenna gain was considered the output power.
All emissions not recorded were more than 20 dB below the limit

Test Method:	TIA / EIA-603-1992, Section 2.2.12, Radiated Spurious Emissions (30 MHz – 40 GHZ)		
Customer:	Nucomm, Inc.	**Job No.:**	R-11489
Test Sample:	2 GHz / 7 GHz Digital / Analog ENG/OB Van Transmitter.		
Part No.:	2 / 7NCVT2-L5E1.5-326-A2C2K	**FCC ID.:**	I4U27VT2-L5-E1P5
Operating Mode:	Color bars plus audio, High power, Channel 1 , Digital COFDM Modulation, 25 MHz channel Transmitting at 6887.5 MHz.		
Technician:	R. Soodoo	**Date:**	October 12, 2006.

Notes: Test Distance: 3 Meters Temp: 20°C Humidity: 15%
Detector: Peak Limit: (43+10 log P) down from fundamental level = -13dBm

Frequency	Antenna Position	EUT Orientation	Meter Readings	Power Meter Reading	Gain Above Isotropic	Cable loss	ERP	**Limit**
MHz	(V/H) / Meters	Degrees	dBµV	dBm	dB	dB	dBm	dBm
30.00								-13.0
706.0	H / 2.0	203.0	34.0	-54.8	2.2	2.0	-50.6	
40000.0								-13.0

The EUT was placed on a table, and the radiated output level was measured with a receive antenna.
After the level was maximized, the EUT was replaced with a transmit antenna and a signal generator.
The level of the generator was raised until it matched the level recorded from the EUT and this plus the antenna gain was considered the output power.
All emissions not recorded were more than 20 dB below the limit

Test Method:	TIA / EIA-603-1992, Section 2.2.12, Radiated Spurious Emissions (30 MHz – 40 GHZ)		
Customer:	Nucomm, Inc.	**Job No.:**	R-11489
Test Sample:	2 GHz / 7 GHz Digital / Analog ENG/OB Van Transmitter.		
Part No.:	2 / 7NCVT2-L5E1.5-326-A2C2K	**FCC ID.:**	I4U27VT2-L5-E1P5
Operating Mode:	Color bars plus audio, High power, Channel 4, Analog FM Modulation, 25 MHz channel Transmitting at 6962.5 MHz.		
Technician:	R. Soodoo	**Date:**	October 12, 2006.

Notes: Test Distance: 3 Meters Temp: 20°C Humidity: 15%
Detector: Peak Limit: (43+10 log P) down from fundamental level = -13dBm

Frequency	Antenna Position	EUT Orientation	Meter Readings	Power Meter Reading	Gain Above Isotropic	Cable loss	ERP	**Limit**
MHz	(V/H) / Meters	Degrees	dBµV	dBm	dB	dB	dBm	dBm
30.00								-13.0
40000.0								-13.0

NO EMISSIONS OBSERVED AT THE SPECIFIED TEST DISTANCE

The EUT was placed on a table, and the radiated output level was measured with a receive antenna.
After the level was maximized, the EUT was replaced with a transmit antenna and a signal generator.
The level of the generator was raised until it matched the level recorded from the EUT and this plus the antenna gain was considered the output power.
All emissions not recorded were more than 20 dB below the limit

Test Method:	TIA / EIA-603-1992, Section 2.2.12, Radiated Spurious Emissions (30 MHz – 40 GHZ)		
Customer:	Nucomm, Inc.	**Job No.:**	R-11489
Test Sample:	2 GHz / 7 GHz Digital / Analog ENG/OB Van Transmitter.		
Part No.:	2 / 7NCVT2-L5E1.5-326-A2C2K	**FCC ID.:**	I4U27VT2-L5-E1P5
Operating Mode:	Color bars plus audio, High power, Channel 4 , Digital COFDM Modulation, 25 MHz channel Transmitting at 6962.5 MHz.		
Technician:	R. Soodoo	**Date:**	October 12, 2006.

Notes: Test Distance: 3 Meters Temp: 20°C Humidity: 15%
Detector: Peak Limit: (43+10 log P) down from fundamental level = -13dBm

Frequency	Antenna Position	EUT Orientation	Meter Readings	Power Meter Reading	Gain Above Isotropic	Cable loss	ERP	**Limit**
MHz	(V/H) / Meters	Degrees	dBµV	dBm	dB	dB	dBm	dBm
30.00								-13.0
40000.0								-13.0

NO EMISSIONS OBSERVED AT THE SPECIFIED TEST DISTANCE

The EUT was placed on a table, and the radiated output level was measured with a receive antenna.
After the level was maximized, the EUT was replaced with a transmit antenna and a signal generator.
The level of the generator was raised until it matched the level recorded from the EUT and this plus the antenna gain was considered the output power.
All emissions not recorded were more than 20 dB below the limit

Test Method:	TIA / EIA-603-1992, Section 2.2.12, Radiated Spurious Emissions (30 MHz – 40 GHZ)		
Customer:	Nucomm, Inc.	**Job No.:**	R-11489
Test Sample:	2 GHz / 7 GHz Digital / Analog ENG/OB Van Transmitter.		
Part No.:	2 / 7NCVT2-L5E1.5-326-A2C2K	**FCC ID.:**	I4U27VT2-L5-E1P5
Operating Mode:	Color bars plus audio, High power, Channel 7, Analog FM Modulation, 25 MHz channel Transmitting at 7037.5 MHz.		
Technician:	R. Soodoo	**Date:**	October 12, 2006.

Notes: Test Distance: 3 Meters Temp: 20°C Humidity: 15%
Detector: Peak Limit: (43+10 log P) down from fundamental level = -13dBm

Frequency	Antenna Position	EUT Orientation	Meter Readings	Power Meter Reading	Gain Above Isotropic	Cable loss	ERP	**Limit**
MHz	(V/H) / Meters	Degrees	dBµV	dBm	dB	dB	dBm	dBm
30.00								-13.0
40000.0								-13.0

NO EMISSIONS OBSERVED AT THE SPECIFIED TEST DISTANCE

The EUT was placed on a table, and the radiated output level was measured with a receive antenna.
After the level was maximized, the EUT was replaced with a transmit antenna and a signal generator.
The level of the generator was raised until it matched the level recorded from the EUT and this plus the antenna gain was considered the output power.
All emissions not recorded were more than 20 dB below the limit

Test Method:	TIA / EIA-603-1992, Section 2.2.12, Radiated Spurious Emissions (30 MHz – 40 GHZ)		
Customer:	Nucomm, Inc.	**Job No.:**	R-11489
Test Sample:	2 GHz / 7 GHz Digital / Analog ENG/OB Van Transmitter.		
Part No.:	2 / 7NCVT2-L5E1.5-326-A2C2K	**FCC ID.:**	I4U27VT2-L5-E1P5
Operating Mode:	Color bars plus audio, High power, Channel 7 , Digital COFDM Modulation, 25 MHz channel Transmitting at 7037.5 MHz.		
Technician:	R. Soodoo	**Date:**	October 12, 2006.

Notes: Test Distance: 3 Meters Temp: 20°C Humidity: 15%
Detector: Peak Limit: (43+10 log P) down from fundamental level = -13dBm

Frequency	Antenna Position	EUT Orientation	Meter Readings	Power Meter Reading	Gain Above Isotropic	Cable loss	ERP	**Limit**
MHz	(V/H) / Meters	Degrees	dBµV	dBm	dB	dB	dBm	dBm
30.00								-13.0
40000.0								-13.0

NO EMISSIONS OBSERVED AT THE SPECIFIED TEST DISTANCE

The EUT was placed on a table, and the radiated output level was measured with a receive antenna.
After the level was maximized, the EUT was replaced with a transmit antenna and a signal generator.
The level of the generator was raised until it matched the level recorded from the EUT and this plus the antenna gain was considered the output power.
All emissions not recorded were more than 20 dB below the limit

Test Method:	TIA / EIA-603-1992, Section 2.2.12, Radiated Spurious Emissions (30 MHz – 40 GHZ)		
Customer:	Nucomm, Inc.	**Job No.:**	R-11489
Test Sample:	2 GHz / 7 GHz Digital / Analog ENG/OB Van Transmitter.		
Part No.:	2 / 7NCVT2-L5E1.5-326-A2C2K	**FCC ID.:**	I4U27VT2-L5-E1P5
Operating Mode:	Color bars plus audio, High power, Channel 10, Analog FM Modulation, 25 MHz channel Transmitting at 7112.5 MHz.		
Technician:	R. Soodoo	**Date:**	October 12, 2006.
Notes:	Test Distance: 3 Meters Temp: 20°C Humidity: 15% Detector: Peak Limit: (43+10 log P) down from fundamental level = -13dBm		

Frequency	Antenna Position	EUT Orientation	Meter Readings	Power Meter Reading	Gain Above Isotropic	Cable loss	ERP	**Limit**
MHz	(V/H) / Meters	Degrees	dBµV	dBm	dB	dB	dBm	dBm
30.00								-13.0
40000.0								-13.0

NO EMISSIONS OBSERVED AT THE SPECIFIED TEST DISTANCE

The EUT was placed on a table, and the radiated output level was measured with a receive antenna.
After the level was maximized, the EUT was replaced with a transmit antenna and a signal generator.
The level of the generator was raised until it matched the level recorded from the EUT and this plus the antenna gain was considered the output power.
All emissions not recorded were more than 20 dB below the limit

Test Method:	TIA / EIA-603-1992, Section 2.2.12, Radiated Spurious Emissions (30 MHz – 40 GHZ)		
Customer:	Nucomm, Inc.	**Job No.:**	R-11489
Test Sample:	2 GHz / 7 GHz Digital / Analog ENG/OB Van Transmitter.		
Part No.:	2 / 7NCVT2-L5E1.5-326-A2C2K	**FCC ID.:**	I4U27VT2-L5-E1P5
Operating Mode:	Color bars plus audio, High power, Channel 10 , Digital COFDM Modulation, 25 MHz channel Transmitting at 7112.5 MHz.		
Technician:	R. Soodoo	**Date:**	October 12, 2006.

Notes: Test Distance: 3 Meters Temp: 20°C Humidity: 15%
Detector: Peak Limit: (43+10 log P) down from fundamental level = -13dBm

Frequency	Antenna Position	EUT Orientation	Meter Readings	Power Meter Reading	Gain Above Isotropic	Cable loss	ERP	**Limit**
MHz	(V/H) / Meters	Degrees	dBµV	dBm	dB	dB	dBm	dBm
30.00								-13.0
40000.0								-13.0

NO EMISSIONS OBSERVED AT THE SPECIFIED TEST DISTANCE

The EUT was placed on a table, and the radiated output level was measured with a receive antenna.
After the level was maximized, the EUT was replaced with a transmit antenna and a signal generator.
The level of the generator was raised until it matched the level recorded from the EUT and this plus the antenna gain was considered the output power.
All emissions not recorded were more than 20 dB below the limit

Test Method:	TIA / EIA-603-1992, Section 2.2.12, Radiated Spurious Emissions (30 MHz – 40 GHZ)		
Customer:	Nucomm, Inc.	**Job No.:**	R-11489
Test Sample:	2 GHz / 7 GHz Digital / Analog ENG/OB Van Transmitter.		
Part No.:	2 / 7NCVT2-L5E1.5-326-A2C2K	**FCC ID.:**	I4U27VT2-L5-E1P5
Operating Mode:	Color bars plus audio, High power, Channel 14, Analog FM Modulation, 25 MHz channel Transmitting at 6512.5 MHz.		
Technician:	R. Soodoo	**Date:**	October 12, 2006.

Notes: Test Distance: 3 Meters Temp: 20°C Humidity: 15%
Detector: Peak Limit: (43+10 log P) down from fundamental level = -13dBm

Frequency	Antenna Position	EUT Orientation	Meter Readings	Power Meter Reading	Gain Above Isotropic	Cable loss	ERP	**Limit**
MHz	(V/H) / Meters	Degrees	dBµV	dBm	dB	dB	dBm	dBm
30.00								-13.0
471.0	V / 1.0	158.0	63.3	-58.7	2.2	1.7	-54.8	
40000.0								-13.0

The EUT was placed on a table, and the radiated output level was measured with a receive antenna.
After the level was maximized, the EUT was replaced with a transmit antenna and a signal generator.
The level of the generator was raised until it matched the level recorded from the EUT and this plus the antenna gain was considered the output power.
All emissions not recorded were more than 20 dB below the limit

Test Method:	TIA / EIA-603-1992, Section 2.2.12, Radiated Spurious Emissions (30 MHz – 40 GHZ)		
Customer:	Nucomm, Inc.	**Job No.:**	R-11489
Test Sample:	2 GHz / 7 GHz Digital / Analog ENG/OB Van Transmitter.		
Part No.:	2 / 7NCVT2-L5E1.5-326-A2C2K	**FCC ID.:**	I4U27VT2-L5-E1P5
Operating Mode:	Color bars plus audio, High power, Channel 14 , Digital COFDM Modulation, 25 MHz channel Transmitting at 6512.5 MHz.		
Technician:	R. Soodoo	**Date:**	October 12, 2006.

Notes: Test Distance: 3 Meters Temp: 20°C Humidity: 15%
Detector: Peak Limit: (43+10 log P) down from fundamental level = -13dBm

Frequency	Antenna Position	EUT Orientation	Meter Readings	Power Meter Reading	Gain Above Isotropic	Cable loss	ERP	**Limit**
MHz	(V/H) / Meters	Degrees	dBµV	dBm	dB	dB	dBm	dBm
30.00								-13.0
40000.0								-13.0

NO EMISSIONS OBSERVED AT THE SPECIFIED TEST DISTANCE

The EUT was placed on a table, and the radiated output level was measured with a receive antenna.
After the level was maximized, the EUT was replaced with a transmit antenna and a signal generator.
The level of the generator was raised until it matched the level recorded from the EUT and this plus the antenna gain was considered the output power.
All emissions not recorded were more than 20 dB below the limit