Test Method:	TIA/EIA-603-1992, Section 2.2.12 Radiated Spurious Emissions (30MHz – 18GHz)		
Customer:	NuComm Inc	**Job No.**	R-9761
Test Sample:	2GHz/7GHz TRANSMITTER	**Serial No.**	9488-001
Model No.:	NEWSCASTER VT	**FCC ID:**	I4U2713MMPT3-12-1
Operating Mode:	BAND = 2GHz, P = HIGH, CH = 7+, MODULATION SOURCE = EXTERNAL 70MHz FM		
	J. Kabacinski	**Date:**	03-11-03

Notes: Test Distance: 3 Meters Temp: 14.0° Humidity: 34.0%
Detector: Peak Limit = (43 + 10 log P) down from fundamental level = -13dBm

Test Freq.	Antenna Position	EUT Orientation	Meter Readings	Signal Generator	Gain Above Isotropic	ERP		**LIMIT**
MHz	(V/H) / Meters	Degrees	dBuV	dBm	dB	dBm		dBm
30.00								-13.0
4,211.50	V / 1.0	180	46.6	-56.8	10.0	-46.8		
18000.00								-13.0

The EUT was placed on a tabletop, 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.

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Test Sample:	2GHz/7GHz TRANSMITTER	**Serial No.**	9488-001
Model No.:	NEWSCASTER VT	**FCC ID:**	I4U2713MMPT3-12-1
Operating Mode:	BAND = 2GHz, P = HIGH, CH = 1-, MODULATION SOURCE = EXTERNAL 70MHz FM		
	J. Kabacinski	**Date:**	03-11-03

Notes: Test Distance: 3 Meters Temp: 14.0° Humidity: 34.0%
Detector: Peak Limit = (43 + 10 log P) down from fundamental level = -13dBm

Test Freq.	Antenna Position	EUT Orientation	Meter Readings	Signal Generator	Gain Above Isotropic	ERP		**LIMIT**
MHz	(V/H) / Meters	Degrees	dBuV	dBm	dB	dBm		dBm
30.00								-13.0
3,990.00	V / 1.0	180	43.6	-64.0	9.5	-54.5		
18000.00								-13.0

The EUT was placed on a tabletop, 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.

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Test Sample:	2GHz/7GHz TRANSMITTER	**Serial No.**	9488-001
Model No.:	NEWSCASTER VT	**FCC ID:**	I4U2713MMPT3-12-1
Operating Mode:	BAND = 7GHz, P = LOW, CH = 11-, MODULATION SOURCE = EXTERNAL 70MHz FM		
	J. Kabacinski	**Date:**	03-11-03

Notes: Test Distance: 3 Meters Temp: 14.0° Humidity: 34.0%
Detector: Peak Limit = (43 + 10 log P) down from fundamental level = -13dBm

Test Freq.	Antenna Position	EUT Orientation	Meter Readings	Signal Generator	Gain Above Isotropic	ERP		**LIMIT**
MHz	(V/H) / Meters	Degrees	dBuV	dBm	dB	dBm		dBm
30.00								-13.0
	NO EMISSIONS OBSERVED AT 3M							
18000.00								-13.0

The EUT was placed on a tabletop, 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.

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Model No.:	NEWSCASTER VT	**FCC ID:**	I4U2713MMPT3-12-1
Operating Mode:	BAND = 7GHz, P = LOW, CH = 5+, MODULATION SOURCE = EXTERNAL 70MHz FM		
	J. Kabacinski	**Date:**	03-11-03

Notes: Test Distance: 3 Meters Temp: 14.0° Humidity: 34.0%
Detector: Peak Limit = (43 + 10 log P) down from fundamental level = -13dBm

Test Freq.	Antenna Position	EUT Orientation	Meter Readings	Signal Generator	Gain Above Isotropic	ERP		**LIMIT**
MHz	(V/H) / Meters	Degrees	dBuV	dBm	dB	dBm		dBm
30.00								-13.0
	NO EMISSIONS OBSERVED AT 3M							

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Model No.:	NEWSCASTER VT	**FCC ID:**	I4U2713MMPT3-12-1
Operating Mode:	BAND = 7GHz, P = LOW, CH = 10+, MODULATION SOURCE = EXTERNAL 70MHz FM		
	J. Kabacinski	**Date:**	03-11-03

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Detector: Peak Limit = (43 + 10 log P) down from fundamental level = -13dBm

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MHz	(V/H) / Meters	Degrees	dBuV	dBm	dB	dBm		dBm
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	NO EMISSIONS OBSERVED AT 3M							
18000.00								-13.0

The EUT was placed on a tabletop, 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.

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Operating Mode:	BAND = 7GHz, P = HIGH, CH = 10+, MODULATION SOURCE = EXTERNAL 70MHz FM		
	J. Kabacinski	**Date:**	03-11-03

Notes: Test Distance: 3 Meters Temp: 14.0° Humidity: 34.0%
Detector: Peak Limit = (43 + 10 log P) down from fundamental level = -13dBm

Test Freq.	Antenna Position	EUT Orientation	Meter Readings	Signal Generator	Gain Above Isotropic	ERP		**LIMIT**
MHz	(V/H) / Meters	Degrees	dBuV	dBm	dB	dBm		dBm
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18000.00								-13.0

The EUT was placed on a tabletop, 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.

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MHz	(V/H) / Meters	Degrees	dBuV	dBm	dB	dBm		dBm
30.00								-13.0
	NO EMISSIONS OBSERVED AT 3M							

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Test Sample:	2GHz/7GHz TRANSMITTER	**Serial No.**	9488-001
Model No.:	NEWSCASTER VT	**FCC ID:**	I4U2713MMPT3-12-1
Operating Mode:	BAND = 7GHz, P = HIGH, CH = 5+, MODULATION SOURCE = EXTERNAL 70MHz FM		
	J. Kabacinski	**Date:**	03-11-03

Notes: Test Distance: 3 Meters Temp: 14.0° Humidity: 34.0%
Detector: Peak Limit = (43 + 10 log P) down from fundamental level = -13dBm

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MHz	(V/H) / Meters	Degrees	dBuV	dBm	dB	dBm		dBm
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	NO EMISSIONS OBSERVED AT 3M							
18000.00								-13.0

The EUT was placed on a tabletop, 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.

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Test Sample:	2GHz/7GHz TRANSMITTER	**Serial No.**	9488-001
Model No.:	NEWSCASTER VT	**FCC ID:**	I4U2713MMPT3-12-1
Operating Mode:	BAND = 7GHz, P = HIGH, CH = 5+, MODULATION SOURCE = BASEBAND/FSK		
	J. Kabacinski	**Date:**	03-11-03

Notes: Test Distance: 3 Meters Temp: 14.0° Humidity: 34.0%
Detector: Peak Limit = (43 + 10 log P) down from fundamental level = -13dBm

Test Freq.	Antenna Position	EUT Orientation	Meter Readings	Signal Generator	Gain Above Isotropic	ERP		**LIMIT**
MHz	(V/H) / Meters	Degrees	dBuV	dBm	dB	dBm		dBm
30.00								-13.0
	NO EMISSIONS OBSERVED AT 3M							
18000.00								-13.0

The EUT was placed on a tabletop, 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.

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Model No.:	NEWSCASTER VT	**FCC ID:**	I4U2713MMPT3-12-1
Operating Mode:	BAND = 7GHz, P = HIGH, CH = 10+, MODULATION SOURCE = BASEBAND/FSK		
	J. Kabacinski	**Date:**	03-11-03

Notes: Test Distance: 3 Meters Temp: 14.0° Humidity: 34.0%
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Test Freq.	Antenna Position	EUT Orientation	Meter Readings	Signal Generator	Gain Above Isotropic	ERP		**LIMIT**
MHz	(V/H) / Meters	Degrees	dBuV	dBm	dB	dBm		dBm
30.00								-13.0
	NO EMISSIONS OBSERVED AT 3M							
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The EUT was placed on a tabletop, 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.

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MHz	(V/H) / Meters	Degrees	dBuV	dBm	dB	dBm		dBm
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The EUT was placed on a tabletop, 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.

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MHz	(V/H) / Meters	Degrees	dBuV	dBm	dB	dBm		dBm
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The EUT was placed on a tabletop, 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.

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MHz	(V/H) / Meters	Degrees	dBuV	dBm	dB	dBm		dBm
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	NO EMISSIONS OBSERVED AT 3M							
18000.00								-13.0

The EUT was placed on a tabletop, 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.

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MHz	(V/H) / Meters	Degrees	dBuV	dBm	dB	dBm		dBm
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18000.00								-13.0

The EUT was placed on a tabletop, 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.

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Model No.:	NEWSCASTER VT	**FCC ID:**	I4U2713MMPT3-12-1
Operating Mode:	BAND = 2GHz, P = HIGH, CH = 1-, MODULATION SOURCE = BASEBAND/FSK		
	J. Kabacinski	**Date:**	03-11-03

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Test Freq.	Antenna Position	EUT Orientation	Meter Readings	Signal Generator	Gain Above Isotropic	ERP		**LIMIT**
MHz	(V/H) / Meters	Degrees	dBuV	dBm	dB	dBm		dBm
30.00								-13.0
701.58	H / 1.0	158	35.0	-47.5	3.4	-44.1		
18000.00								-13.0

The EUT was placed on a tabletop, 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.

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The EUT was placed on a tabletop, 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.

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Model No.:	NEWSCASTER VT	**FCC ID:**	I4U2713MMPT3-12-1
Operating Mode:	BAND = 2GHz, P = LOW, CH = 1-, MODULATION SOURCE = BASEBAND/FSK		
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