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: I4U27CMT1-L5-E1P5

Para. 2.1053 Field Strength of Spurious Emissions, Effective Radiated Power

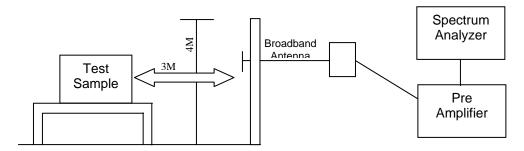
Field Strength of Spurious Emissions, Effective Radiated Power (Para. 2.1053)

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 30 MHz to 26 GHz

EN	Туре	Manufacturer	Description	Model No.	Cal Date	Due Date
067	Open Area Test Site	Retlif	3 Meter	RNY	9/12/2006	9/12/2009
133	Broadband Pre-Amplifier	Electro-Metrics	10 kHz - 1 GHz, 26dB	BPA-1000	6/27/2006	6/27/2007
141	Spectrum Analyzer	Hewlett Packard	100 Hz - 40 GHz	8566B	10/10/2006	4/10/2007
141A	Graphics Plotter	Hewlett Packard	N/A	7470A	3/12/2007	3/12/2008
206B	6.0 dB Attenuator	Texscan	0 - 1.0 GHz	FP-50 - 6 dB	6/27/2006	6/27/2007
4003	Double Ridge Guide	Tensor	1 GHz - 18 GHz	4015	3/27/2007	3/27/2008
512	Graphics Plotter	Hewlett Packard	N/A	7470A	10/18/2006	10/18/2007
523	Biconilog	Electro-Mechanics	26 - 2000 MHz	3142B	11/10/2006	11/10/2007
617	Interference Analyzer	Electro-Metrics	10 kHz - 1 GHz	EMC-30	3/30/2007	3/30/2008
723	H.P. Filter	Mini-Circuits	1 GHz	BHP-1000	8/7/2006	8/7/2007
767	Biconilog	EMCO	26 - 2000 MHz	3142B	10/12/2006	10/12/2007

Applicant: Nucomm, Inc. FCC ID: I4U27CMT1-L5-E1P5

Retlif Testing Laboratories Report No.: R-11907

Radiated Spurious Emissions 30 MHz to 26 GHz Digital Modulation, 12 MHz Channel Low Power Test Data

Applicant: Nucomm, Inc. FCC ID: I4U27CMT1-L5-E1P5

Retlif Testing Laboratories Report No.: R-11907

Test Metho	d:	TIA / E	EIA-603-1992, Section 2.2.12, Radiated Spurious Emissions (30 MHz – 26 GHZ) mm, Inc. Job No.: R-11907											
Customer:				nc. Job No.: R-11907 GHz Digital / Analog Portable Microwave Transmitter.										
Test Sampl	e:	2 GHz	/ 7 GHz Digita	I / Analog Po	ortable Microv	vave Tran	smitter.	•						
Part Number	er	2 / 7CN	ЛТХ1-L5E1.5-	326 –A2C2			FCC	ID .: 141	J27CMT1-L	5-E1P5				
Operating I	Mode:	Low po	wer, Channel	1. Digital Mo	dulation, 12 l	MHz char	nel trans	mitting at	2030.5 MH	Z.				
Technician		R. Soo		, 3	, , , , , , , , , , , , , , , , , , ,				arch 30, 200					
Notes:		Distance:	: 3 Meters				Temp: 2		Humidity: 2					
		tor: Pea		t: (43+10 loc	g P) down froi	m fundam	•		-					
Frequency	_	enna sition	EUT Orientation	Meter Readings	Power Meter Reading	Gain .	Above ropic	Cable loss	ERP	Limit				
MHz	(V/H) /	Meters	Degrees	dBuV	dBm	(dB	dB	dBm	dBm				
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			was maximize											
			of the generator was raised until it matched the level recorded from the EUT and this plus a gain was considered the output power.											
						ow the lim	it							
Dogo 1		all emissions not recorded were more than 20 dB below the limit												

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Test Metho	d:	TIA / E	EIA-603-1992, Section 2.2.12, Radiated Spurious Emissions (30 MHz – 26 GHZ) mm, Inc. Job No.: R-11907										
Customer:													
Test Sampl	le:			I / Analog Po	ortable Microv	wave Trar	nsmitter.	ı					
Part Number			<u>ЛТХ1-L5E1.5-</u>					ID.:	14U2	27CMT1-L	5-E1F	25	
Operating I			wer, Channel		dulation 12	MHz char							
Technician		R. Soo		o, Digital inc	744.4.6.1, 12	<u>12 01141</u>		Date:		ch 30, 200			
Notes:		l	: 3 Meters				Temp: 2			lumidity: 2			
Notes.		tor: Pea		t· (43+10 loc	g P) down fro	m fundam	-			-	.5 /0		
	Dotto	101. 1 00	ux Ellin	I. (401 10 10 <u>)</u>		III Tariaan	icital icv	J 10	Jabii	·			
Frequency		enna sition	EUT Orientation	Meter Readings	Power Meter Reading		Above ropic	Cal los		ERP	Lin	nit	
MHz	(V/H) /	Meters	Degrees	dΒμV	dBm		dB	d	В	dBm	dE	3m	
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			e generator w			the level	recorded	from th	ne El	JT and this	s plus		
			a gain was considered the output power.										
	All em	แรรเบทร	sions not recorded were more than 20 dB below the limit										

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Test Metho	d:	TIA / E	IA-603-1992, \$	Section 2.2.1	2, Radiated S	Spurious	Emissions	s (30 MHz	- 26 GHZ)						
Customer:		Nucom	•	Limit: (43+10 log P) down from fundamental level = -13dBm Thicknot											
Test Sampl	e:	2 GHz	/ 7 GHz Digita	Job No.: R-11907 Digital / Analog Portable Microwave Transmitter. Since FCC ID.: I4U27CMT1-L5-E1P5 Innel 5, Digital Modulation, 12 MHz channel transmitting at 2077.5 MHz. Date: March 30, 2007. Temp: 24°C Humidity: 23% Limit: (43+10 log P) down from fundamental level = -13dBm Meter Reading Power Meter Reading Solvropic Cable loss ERP Limit Iss dBμV dBm dB dB dBm dBm Iss dBμV dBm dB											
Part Number	er	2 / 7CN	ЛТХ1-L5E1.5-:	Job No.: R-11907											
Operating N	Mode:	Low po	wer, Channel	5, Digital Mo	dulation, 12 l	MHz char	nel transr	mitting at	2077.5 MH	lz.					
Technician	:	R. Soo	doo				D	ate: Mai	rch 30, 200	7.					
Notes:	Test D	Distance	: 3 Meters				Temp: 24	4°C ∣	Humidity: 2	3%					
	Detec	tor: Pea	ak Limit	t: (43+10 log	P) down from	m fundam	nental leve	el = -13dBr	n						
Frequency		enna sition	EUT Orientation	Meter Readings Power Meter Reading Gain Above Isotropic Cable loss ERP Limit dBμV dBm dB dB dBm dBm											
MHz	(V/H) /	Meters	Degrees	dΒμV	dBm		dB	dB	dBm	dBm					
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				naximized, the EUT was replaced with a transmit antenna and a signal generator.											
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			not recorded w			ow the lim	nit				_				

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Test Method:	TIA / EIA-603-1992, Section	2.2.12, Radiated Spurious E	missions (30 MHz -	- 26 GHZ)							
Customer:	Nucomm, Inc.		Job No.: R-11	907							
Test Sample:	2 GHz / 7 GHz Digital / Analo	igital / Analog Portable Microwave Transmitter. 1.5-326 – A2C2									
Part Number	2 / 7CMTX1-L5E1.5-326 -A2	2C2	FCC ID.: 14U2	27CMT1-L5-E1P5							
Operating Mode:	Low power, Channel 7, Digita	al Modulation, 12 MHz chani	nel transmitting at 2	2103.0 MHz.							
Technician:	R. Soodoo		Date: Marc	ch 30, 2007.							
Notes: Test	Distance: 3 Meters	·	Temp: 24°C H	lumidity: 23%							
Dete	ctor: Peak Limit: (43+1	10 log P) down from fundame	ental level = -13dBm	1							
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Test Metho	d:	TIA / E	EIA-603-1992, Section 2.2.12, Radiated Spurious Emissions (30 MHz – 26 GHZ) mm, Inc. Job No.: R-11907											
Customer:														
Test Sampl	e:	2 GHz	/ 7 GHz Digita	I / Analog Po	ortable Microv	vave Trar	nsmitter.	•						
Part Number	er	2 / 7CN	/ITX1-L5E1.5-	326 –A2C2			FCC	ID .: 14U	27CMT1-L	5-E1P5				
Operating I	Mode:	Low po	wer, Channel	10. Digital M	odulation, 12	MHz cha	annel tran							
Technician		R. Soo		<u> </u>	,				rch 30, 200					
Notes:		l	: 3 Meters				Temp: 2		Humidity: 2					
		tor: Pea		: (43+10 loc	g P) down froi	m fundam	•		-	.070				
	1				Power			1	<u> </u>					
Frequency		enna sition	EUT Orientation	Meter Readings	Meter Reading		Above ropic	Cable loss	ERP	Limit				
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			was maximize											
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Radiated Spurious Emissions 30 MHz to 26 GHz Analog Modulation, 12 MHz Channel Low Power Test Data

Applicant: Nucomm, Inc. FCC ID: I4U27CMT1-L5-E1P5

Retlif Testing Laboratories Report No.: R-11907

Test Metho	d:	TIA / E	IA-603-1992, S									
Customer:		Nucom	ım, Inc.	Hz Digital / Analog Portable Microwave TransmitterL5E1.5-326 –A2C2 FCC ID.: I4U27CMT1-L5-E1P5 Channel 1, Analog FM Modulation, 12 MHz channel transmitting at 2032.5 MHz.								
Test Sampl	e:	2 GHz	/7 GHz Digita	I / Analog Po	rtable Microv	vave Trar	nsmitter.					
Part Number								ID.:	I4U2	27CMT1-L	5-E1F	P5
Operating N	Mode:	Low po	wer, Channel	1, Analog FN	M Modulation	, 12 MHz	channel ti	ransm	itting	at 2032.5	MHz.	
Technician	:	R. Soo	doo	_			D	ate:	Mar	ch 30, 200	7.	
Notes:	Test D	Distance	: 3 Meters				Temp: 24	4°C	H	lumidity: 2	3%	
	Detec	tor: Pea	ak Limit	t: (43+10 log	P) down froi	m fundam	•			•		
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_		enna	EUT	Meter	Meter		Above	Cab	-	ERP	Lin	nit
Frequency	Pos	sition	Orientation	Readings	Reading	ISOt	ropic	los	SS			
MHz	(V/H) /	Meters	Degrees	dΒμV	dBm		dB	d	В	dBm	dE	3m
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Test Metho	d:	TIA / E	IA-603-1992. S	Section 2.2.1	2. Radiated	Spurious	Emissions	s (30 N	ИHz -	- 26 GHZ)		
Customer:		Nucom		3-1992, Section 2.2.12, Radiated Spurious Emissions (30 MHz – 26 GHZ) c. Job No.: R-11907 Hz Digital / Analog Portable Microwave Transmitter.									
Test Sampl	e:			I / Analog Po	ortable Microv	wave Trar	nsmitter.						
Part Number			<u></u> //TX1-L5E1.5-:					ID.:	14U2	7CMT1-L	5-E1F	25	
Operating I			wer, Channel		M Modulation	12 MHz							
Technician		R. Soo		<u> </u>	· · · · · · · · · · · · · · · · · · ·	,				ch 30, 200		_	
Notes:		l	: 3 Meters				Temp: 2			lumidity: 2			
Notes.		tor: Pea		r (43+10 loc	g P) down fro	m fundar	•			•	.5 70		
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Frequency		enna sition	EUT Orientation	Meter Readings	Power Meter Reading		Above ropic	Cab los	-	ERP	Lin	nit	
MHz	(V/H) /	Meters	Degrees	dΒμV	dBm		dB	d	В	dBm	dE	3m	
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Test Metho	d:	TIA / E	IA-603-1992, S										
Customer:		Nucom	m, Inc.	ic. Job No.: R-11907 Hz Digital / Analog Portable Microwave Transmitter. -L5E1.5-326 –A2C2 FCC ID.: I4U27CMT1-L5-E1P5 Channel 5, Analog FM Modulation, 12 MHz channel transmitting at 2080.5 MHz.									
Test Sampl	e:	2 GHz	/ 7 GHz Digita	I / Analog Po	rtable Microv	vave Trar	nsmitter.						
Part Number								ID.:	I4U2	27CMT1-L	5-E1F	P5	
Operating N	Mode:	Low po	wer, Channel	5, Analog FI	M Modulation	, 12 MHz	channel ti	ransm	itting	at 2080.5	MHz.		
Technician	:	R. Soo	doo				D	ate:	Mar	ch 30, 200	7.		
Notes:	Test D	Distance	: 3 Meters				Temp: 24	4°C	H	Humidity: 2	3%		
	Detec	tor: Pea	ık Limit	t: (43+10 log	P) down froi	m fundan	nental leve	el = -13	3dBn	n			
				`	Power								
Frequency		enna sition	EUT Orientation	Meter Readings	Meter		Above ropic	Cal		ERP	Lin	nit	
					Reading								
MHz	(V/H) /	Meters	Degrees	dΒμV	dBm		dB	d	В	dBm	dE	3m	
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Test Metho	d:	TIA / E	EIA-603-1992, Section 2.2.12, Radiated Spurious Emissions (30 MHz – 26 GHZ) mm, Inc. Job No.: R-11907										
Customer:													
Test Sampl	e:			I / Analog Po	ortable Microv	wave Trar	nsmitter.						
Part Number			<u></u> //TX1-L5E1.5-:					ID.:	14U2	7CMT1-L	5-E1F	25	
Operating N			wer, Channel		M Modulation	12 MHz							
Technician		R. Soo		7,711010911	vi ivioadiation	, 12 1411 12				ch 30, 200		•	
Notes:			: 3 Meters				Temp: 2			lumidity: 2			
Notes.		tor: Pea		t· (43+10 loc	g P) down fro	m fundam	•			•	.5 /0		
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Frequency		enna sition	EUT Orientation	Meter Readings	Power Meter Reading		Above ropic	Cab los	-	ERP	Lin	nit	
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Page 0		113310113 1	ons not recorded were more than 20 dB below the limit										

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Test Metho	d:	TIA / E	IA-603-1992,										
Customer:		Nucom	ım, Inc.	nc. Job No.: R-11907 GHz Digital / Analog Portable Microwave Transmitter. Job No.: R-11907 GHz Digital / Analog Portable Microwave Transmitter. Job No.: R-11907 FCC ID.: I4U27CMT1-L5-E1P5 Channel 10, Analog FM Modulation, 12 MHz channel transmitting at 2490.5 MHz.									
Test Sampl	e:	2 GHz	/7 GHz Digita	I / Analog Po	rtable Microv	vave Trar	nsmitter.						
Part Number								ID.:	I4U2	27CMT1-L	5-E1F	P5	
Operating N	Mode:	Low po	wer, Channel	10, Analog F	M Modulatio	n, 12 MH	z channel	transn	nittin	g at 2490.5	MH:	Z.	
Technician	:	R. Soo	doo				D	ate:	Mar	ch 30, 200°	7.		
Notes:	Test D	Distance	: 3 Meters				Temp: 2	4°C	H	lumidity: 23	3%		
	Detec	tor: Pea	ak Limit	t: (43+10 log	P) down froi	m fundam	nental leve	el = -13	3dBm))			
				`	Power								
_		enna	EUT	Meter	Meter		Above	Cab		ERP	Lin	nit	
Frequency	Pos	sition	Orientation	Readings	Reading	ISOt	ropic	los	S				
MHz	(V/H) /	Meters	Degrees	dΒμV	dBm		dB	dl	В	dBm	dE	3m	
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Radiated Spurious Emissions 30 MHz to 26 GHz Analog Modulation, 17 MHz Channel Low Power, Test Data

Test Metho	d:	TIA / E											
Customer:		Nucom	m, Inc.	, Inc. Job No.: R-11907 GHz Digital / Analog Portable Microwave Transmitter.									
Test Sampl	e:	2 GHz	/ 7 GHz Digita										
Part Number	er .	2/7CN	/ITX1-L5E1.5-	326 –A2C2			FCC	ID.:	I4U2	27CMT1-L	5-E1F	25	
Operating I	Mode:	Low po	wer, Channel	1, Analog Fi	M Modulation	, 17 MHz	channel to	ransm	itting	at 1998.5	MHz	<u>.</u> .	
Technician		R. Soo	doo				D	ate:	Mar	ch 30, 200	7.		
Notes:	Test [Distance	: 3 Meters				Temp: 2	4°C	F	lumidity: 2	3%		
	Detec	tor: Pea	ık Limit	i: (43+10 log	g P) down froi	m fundam	nental leve	el = -1		-			
Frequency		enna sition	EUT Orientation	Meter Readings	Power Meter Reading		Above ropic	Cal		ERP	Lin	nit	
MHz	(V/H) /	Meters	Degrees	dΒμV	dBm		dB	d	IB	dBm	dE	3m	
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						ow the lim	nit						
Page 1			sions not recorded were more than 20 dB below the limit										

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Test Method	:t:	TIA / E	A / EIA-603-1992, Section 2.2.12, Radiated Spurious Emissions (30 MHz – 26 GHZ)									
Customer:		Nucom	ucomm, Inc. Job No.: R-11907 GHz / 7 GHz Digital / Analog Portable Microwave Transmitter.									
Test Sample	e:	2 GHz	/ 7 GHz Digita	I / Analog Po	rtable Microv	vave Trar	nsmitter.					
Part Numbe			ЛТХ1-L5E1.5-				FCC	ID.:	I4U2	27CMT1-L	5-E1F	25
Operating M	lode:	Low po	wer, Channel	3, Analog FN	Modulation	, 17 MHz	channel tr	ransm	itting	at 2034.5	MHz	<u>.</u>
Technician:		R. Soo	R. Soodoo Date: March 30, 2007									
Notes:	Test D	Distance:	ance: 3 Meters Temp: 24°C Humidity: 23%									
	Detec	tor: Pea	Peak Limit: (43+10 log P) down from fundamental level = -13dBm									
				,	Power							
Frequency		enna sition	EUT Orientation	Meter Readings	Meter Reading		Above ropic	Cal		ERP	Lin	nit
MHz	(V/H) /	Meters	Degrees	dΒμV	dBm		dB	d	IB	dBm	dE	3m
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26000.0								-			-13	2 0
20000.0	The F	LIT was	placed on a ta	hle and the	radiated outr	l Jut level v	vae maaei	Ired w	/ith a	receive an		
			was maximize									
			e generator wa									
			ain was consid								F.40	
			not recorded w			ow the lim	nit					

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Customer: Nucomm, Inc. Job No.: R-11907 Test Sample: 2 GHz / 7 GHz Digital / Analog Portable Microwave Transmitter. Part Number 2 / 7CMTX1-L5E1.5-326 –A2C2 FCC ID.: I4U27CMT1-L5-E1P8 Operating Mode: Low power, Channel 7, Analog FM Modulation, 17 MHz channel transmitting at 2101.0 MHz. Technician: R. Soodoo Date: March 30, 2007. Notes: Test Distance: 3 Meters Temp: 24°C Humidity: 23% Detector: Peak Limit: (43+10 log P) down from fundamental level = -13dBm Frequency Antenna Position EUT Orientation Meter Readings Gain Above Isotropic Cable Ioss ERP Limit MHz (V/H) / Meters Degrees dBμV dBm dB dB dBm dBm 30.00 -13.1
Part Number2 / 7CMTX1-L5E1.5-326 –A2C2FCC ID.:I4U27CMT1-L5-E1PSOperating Mode:Low power, Channel 7, Analog FM Modulation, 17 MHz channel transmitting at 2101.0 MHz.Technician:R. SoodooDate:March 30, 2007.Notes:Test Distance: 3 MetersTemp: 24°CHumidity: 23%Detector:PeakLimit: (43+10 log P) down from fundamental level = -13dBmFrequencyAntenna PositionEUT OrientationMeter ReadingsFower Meter ReadingGain Above IsotropicCable IossERPLimit ImmitedMHz(V/H) / MetersDegreesdBμVdBmdBdBdBmdBm
Operating Mode: Low power, Channel 7, Analog FM Modulation, 17 MHz channel transmitting at 2101.0 MHz. Technician: R. Soodoo Date: March 30, 2007. Notes: Test Distance: 3 Meters Temp: 24°C Humidity: 23% Detector: Peak Limit: (43+10 log P) down from fundamental level = -13dBm Frequency Antenna Position EUT Orientation Meter Readings Gain Above Isotropic Cable Ioss ERP Limit MHz (V/H) / Meters Degrees dBμV dBm dB dB dBm dBm
Technician: R. Soodoo Date: March 30, 2007. Notes: Test Distance: 3 Meters Temp: 24°C Humidity: 23% Detector: Peak Limit: (43+10 log P) down from fundamental level = -13dBm Frequency Antenna Position EUT Orientation Meter Readings Gain Above Isotropic Cable Isotropic ERP Limit MHz (V/H) / Meters Degrees dBμV dBm dB dB dBm dBm
Technician: R. Soodoo Date: March 30, 2007. Notes: Test Distance: 3 Meters Temp: 24°C Humidity: 23% Detector: Peak Limit: (43+10 log P) down from fundamental level = -13dBm Frequency Antenna Position EUT Orientation Meter Readings Gain Above Isotropic Cable Ioss ERP Limit MHz (V/H) / Meters Degrees dBμV dBm dB dB dBm dBm
Notes: Test Distance: 3 Meters Temp: 24°C Humidity: 23% Detector: Peak Limit: (43+10 log P) down from fundamental level = -13dBm Frequency Antenna Position EUT Orientation Meter Readings Gain Above Isotropic Cable loss ERP Limit MHz (V/H) / Meters Degrees dBμV dBm dB dB dBm dBm
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
Frequency Antenna Position Position Readings Power Reading Gain Above Isotropic Cable loss ERP Limit MHz (V/H) / Meters Degrees dBµV dBm dB dB dBm dBm
Frequency Position Orientation Readings Meter Reading Seading
30.00 -13.
NO EMISSIONS OBSERVED AT THE SPECIFIED TEST DISTANCE
26000.0 -13.
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 Page 13 of 18

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Test Metho	d:	TIA / E	IA-603-1992, \$	Section 2.2.1	2, Radiated	Spurious	Emissions	(30	MHz	– 26 GHZ)		
Customer:		Nucom	icomm, Inc. Job No.: R-11907 GHz / 7 GHz Digital / Analog Portable Microwave Transmitter.									
Test Sampl	e:	2 GHz	/ 7 GHz Digita	I / Analog Po	ortable Microv	vave Trar	nsmitter.					
Part Number	er	2 / 7CN	ЛТХ1-L5E1.5-:	326 –A2C2			FCC	ID.:	I4U2	27CMT1-L	5-E1F	P5
Operating N	Mode:	Low po	ow power, Channel 10, Analog FM Modulation, 17 MHz channel transmitting at 2492.0								0 MH	lz.
Technician	:	R. Soo	Soodoo Date: March 30, 2007.								7.	
Notes:	Test D	Distance	nce: 3 Meters Temp: 24°C Humidity: 23%									
	Detec	tor: Pea	eak Limit: (43+10 log P) down from fundamental level = -13dBm									
Frequency		enna sition	EUT Orientation	Meter Readings	Power Meter Reading		Above ropic	Cal		ERP	Lin	nit
MHz	(V/H) /	Meters	Degrees	dΒμV	dBm		dB	d	В	dBm	dE	3m
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			was maximize									
			e generator w									
	the ar	itenna g	ain was consid	lered the out	put power.							
	All em	issions	not recorded w	vere more th	an 20 dB belo	ow the lim	nit					

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Radiated Spurious Emissions 30 MHz to 26 GHz Digital Modulation, 17 MHz Channel Low Power Test Data

Test Metho	d:	TIA / E	IA-603-1992, \$	Section 2.2.1	2, Radiated S	Spurious	Emissions	(30 MF	Hz – 26 GHZ)		
Customer:			icomm, Inc. Job No.: R-11907 GHz / 7 GHz Digital / Analog Portable Microwave Transmitter.								
Test Sampl	e:	2 GHz	/ 7 GHz Digita	I / Analog Po	rtable Microv	vave Trar	nsmitter.			<u> </u>	
Part Number	er	2/7CN	/ITX1-L5E1.5-	326 –A2C2			FCC	ID. : 14	4U27CMT1-L	5-E1P5	
Operating I	Mode:	Low po	wer, Channel	1, Digital M	lodulation, 17	MHz cha	annel trans	smitting	at 1997.5 MH	lz.	
Technician	:	R. Soo	Soodoo Date: March 30, 2007.								
Notes:	Test D	Distance	nce: 3 Meters Temp: 24°C Humidity: 23%								
	Detec	tor: Pea	eak Limit: (43+10 log P) down from fundamental level = -13dBm								
Frequency		enna sition	EUT Orientation	Meter Readings	Power Meter Reading		Above ropic	Cable	I FRP	Limit	
MHz	(V/H) /	Meters	Degrees	dΒμV	dBm		dB	dB	dBm	dBm	
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26000.0										-13.0	
∠0000.0	The F	III was	placed on a ta	hle and the	radiated outr	l Jut level w	vas measi	ired with	n a receive an		
			was maximize								
			e generator w								
	the ar	ntenna g	ain was consid	lered the out	put power.						
			not recorded w			ow the lim	nit				

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Test Metho	d:	TIA / E	IA-603-1992,	Section 2.2.1	2, Radiated S	Spurious I	Emissions	s (30 MHz	– 26 GHZ)
Customer:		Nucom	m, Inc.				Job	No.: R-	1907	
Test Sampl	le:	2 GHz	/ 7 GHz Digita	I / Analog Po	ortable Microv	vave Tran	smitter.	•		
Part Number	er	2 / 7CN	/ITX1-L5E1.5-	326 –A2C2			FCC	ID. : 14U	I27CMT1-L	5-E1P5
Operating I	Mode:	Low po	wer, Channel	3 , Digital M	odulation, 17	MHz cha	nnel tran			
Technician		R. Soo		<u> </u>	,				rch 30, 200	
Notes:	Test Distance: 3 Meters Temp: 24°C Humidity: 23									
		tor: Pea		t: (43+10 loc	g P) down froi	m fundam	•		-	
Frequency	Ant	enna sition	EUT Orientation	Meter Readings	Power Meter Reading	Gain .	Gain Above Isotropic		ERP	Limit
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						ow the lim	it			
	All emissions not recorded were more than 20 dB below the limit									

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Test Metho	d:	 TIA / EIA-603-1992, Section 2.2.12, Radiated Spurious Emissions (30 MHz – 26 GHZ) Nucomm, Inc. Job No.: R-11907 											
Customer:		Nucom	ım, Inc.				Job	No.:	R-119	907			
Test Sampl	le:	2 GHz	/7 GHz Digita	I / Analog Po	ortable Microv	wave Trar	smitter.						
Part Number	er	2 / 7CN	MTX1-L5E1.5-	326 –A2C2			FCC	ID.:	I4U27	CMT1-L	5-E1F	25	
Operating I	Mode:	Low po	wer, Channel	7, Digital M	odulation, 17	MHz cha	nnel tran	smitting	g at 2	102.5 M	Hz.		
Technician	:	R. Soodoo Date: March 30, 2007.											
Notes:	Test [Test Distance: 3 Meters Temp: 24°C Humidity: 23%											
	Detec	tor: Pea	ak Limi	t: (43+10 log	g P) down fro	m fundam	•			,			
Frequency		ntenna EUT Meter Power Meter Sosition Orientation Readings Reading Reading		Cab los		ERP	Lin	nit					
MHz	(V/H) /	Meters	Degrees	dΒμV	dBm		dB	dl	3	dBm	dE	3m	
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All emissions not recorded were more than 20 dB below the limit													

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Test Metho	d:	TIA / EIA-603-1992, Section 2.2.12, Radiated Spurious Emissions (30 MHz – 26 GHZ) Nucomm, Inc. Job No.: R-11907																
Customer:		Nucom	m, Inc.				Job	No.:	R-1	1907								
Test Sampl	e:	2 GHz	/ 7 GHz Digita	I / Analog Po	ortable Microv	vave Trar	nsmitter.											
Part Number	er	2/7CN	/ITX1-L5E1.5-	326 –A2C2			FCC	D.:	I4U2	27CMT1-L	5-E1F	P5						
Operating I	Mode:	Low po	wer, Channel	10 , Digital	Modulation, 1	7 MHz ch	nannel tra	nsmitti	ing a	at 2493.5 N	ЛНz.							
Technician	:	R. Soodoo Date: March 30, 200																
Notes:	Test [est Distance: 3 Meters Temp: 24°C Humidity: 23%																
	Detec	tor: Pea	ık Limit	i: (43+10 log	P) down from	m fundam	•			•								
Frequency		enna sition	EUT Orientation	Meter Readings	I MATAY										ole ss	I FRP		nit
MHz	(V/H) /	Meters	Degrees	dΒμV	dBm	dB		d	IB	dBm	dE	3m						
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