Test Meth	od:	FCC	Part 15 Subp	art C, Spuric	ous Case Radia	ated Emissions, Pa	aragraph 15.209(a)				
Customer	:	Amp	Amplidyne, Inc. Job No. R-8288								
Test Sam	ple:	2.40	Hz Spread Sp	ectrum Amp	. with 9dB gair	o Omni Antenna.					
Antenna N	No.:	INF	Γ-OMNI-10	I		FCC II	D: XXX AMP2425-2	27S			
Operating	1 Mode [.]	Cont	tinuous Tx of 2	4GHz Spre	ad Spectrum S	ignal		., 0			
Technicia	n.	PI	ananna			Dat	a. April 27, 2000	1			
Neteo	Toot Diet		2 Motoro	Tamai			e. April 27, 2000				
Notes:	Detector	ance:				y.37‰ L					
	Detector	Qua	ISI-Peak Below	T GHZ, Pea	ak above 1 GH2	<u>z</u> D.	C.Correction=-46.00	IB			
Test	Antenr	na	EUT	Meter	Correction	Corrected	Converted				
Freq.	Positic	n	Orientation	Readings	Factor	Reading	Reading				
MHz	(V/H) / Me	ters	Degrees	dBuV	dB	dBuV/m	uV/m	uV/m			
30.00								100			
88.00	+							100			
88.00								150			
010.00								450			
216.00								150			
216.00								200			
060.00								200			
960.00								200			
900.00								5000/500			
								Peak/avg			
CH 3											
2206	V/1 C		190	72.7	6.1	66.6	2129 0/1 07				
2500	V/1.0		180	63.1	-0.1	59.9	088 6/0 /0				
2300	v/1.0	,	100	03.1	-5.2	39.9	900.0/0.49				
2390	V/1 (180	38.1	-7.6	30.5	33 5/0 02*				
2500	V/1.0)	180	38.1	-7.6	30.5	33 5/0 02*				
	•/1.0	, 	100	00.1	1.0	00.0	00.0/0.02				
CH 11											
2390	V/1.0)	180	39.2	23	62.2	1288.2/0.64				
2484	V/1.0)	180	43.6	23	66.6	2138.0/1.07				
							1				
	1										
							1				
								İ			
 								İ			
								İ			
İ								İ			
25000.0								5000/500			
								Peak/avg			
	The EUT	was s	scanned from 3	30 MHz to 25	5 GHz						
	The emis	sions	observed from	n the EUT do	not exceed th	e specified limits.	Emissions not recor	ded			
	were mo	re tha	n 10dB under	the specified	limit. *=Noise	Floor Measureme	nts (Minimum syster	n)			



Retlif Testing Laboratories

Test Metho	od:	FCC	Part 15 Subp	art C, Spurio	us Case Radiat	ted Emissi	ons, Paragraph 15.209(a)					
Customer:		Amplidyne, Inc. Job No. R-8288										
Test Samp	ole:	2.40	2.4GHz Spread Spectrum Amp. with 13dB gain Panel Antenna. APN13 FCC ID: XXXAMP2425-27S Continuous Tx of 2.4GHz Spread Spectrum Signal.									
Antenna N	lo.:	APN										
Operating	Mode:	Con										
Technicia	n:	P. La	ananna				Date: April 27, 2000)				
Notes:	Test Dist	ance.	3 Meters	Temp:90	C. Humidity	··37%	Duty Cycle-0.5%					
10103.	Detector	· 0112	nce: 3 Meters I emp:90 Humidity:37% Duty Cycle=0.5%									
T /		. Qua	Quasi-Peak Below 1 GHz, Peak above 1 GHz D.C.Correction=-46.0de									
l est	Antenr	na	EUI	Meter	Correction	Correc	ted Converted					
		toro	Degrees	dBul/								
		lers	Degrees	UDUV	uВ	ubuv/		uv/m				
30.00								100				
30.00								100				
88.00								100				
88.00	+							150				
216.00								150				
216.00								200				
								1				
960.00								200				
960.00								5000/500				
								Peak/avo				
CH.3												
2390	V/1.0)	180	45.2	23	68.2	2570.4/1.28					
2489	V/1.0)	180	39.8	23	62.8	1380.4/0.69					
Ι												
CH.6												
2390	V/1.0)	180	38.3	-7.6	30.7	34.3/0.02*					
2500	V/1.0)	180	38.3	-7.6	30.7	34.3/0.02*					
CH.11												
2390	V/1.0)	180	44.7	23	67.7	2398.8/1.20					
2486	V/1.0)	180	50.3	23	73.3	4623.8/2.31					
<u> </u>												
<u> </u>												
I												
25000.0								5000/50/				
2000.0								Deak/ov/				
	The FUT	Was	scanned from 3	RO MHz to 26				Feak/avg				
		vione	observed from		not exceed the	spacified	limite Emissions not roco	rded				
	were mo	re tha	n 10dB under	the specified	limit. *=Noise F	Floor Meas	surements (Minimum syste	m)				
								,				

Retlif Job Number R-8288

Test Metho	od:	FCC Par	t 15 Subp	art C, Spuric	us Case Radia	ted Emissions, F	aragraph 15.209(a)			
Customer:		Amplidyne, Inc. Job No. R-8288								
Test Sample: Antenna No.:		2.4GHz Spread Spectrum Amp. with 15dB gain Parabolic Antenna.								
		INET-AN	T-15			FCC	ID: XXXAMP2425-2	7S		
Operating	Mode:	Continuc	ous Tx of 2	2.4GHz Spre	ad Spectrum Si	anal.				
Technicia	n:	P. Lanar	ina			Da	te: April 27, 2000)		
Notes:	Test Dist	ance: 3 M	eters	Temp.9	C Humidity	/:37%	Duty Cycle=0.5%			
10100.	Detector	· Ouasi-P	eak Below	1 GHz Pea	k above 1 GHz	Г. СТ / С	C Correction46 0c	IR		
T 4	Autom			Matan						
Fred	Positic	na Ori	EUI	Nieter Readings	Eactor	Reading	Reading	і іміт		
MH ₇	(\//H) / Me			dBuV	dB	dBu\//m				
			cyrcc3	abav	GD	abaviii	uv/m	u v/m		
30.00								100		
								100		
88.00								100		
88.00								150		
216.00								150		
216.00								200		
960.00								200		
960.00								5000/500		
								Peak/avg		
CH.3										
2390	V/1.0)	180	44.8	23	67.8	2454.7/1.23			
2484	V/1.0)	180	42.0	23	65.0	1778.3/0.89			
CH.6										
2390	V/1.0)	180	37.8	-7.6	30.2	32.4/0.02*			
2500	V/1.0)	180	37.8	-7.6	30.2	32.4/0.02*			
CH.11		<u> </u>	100	40.0		00.0	2005 4/4 02			
2390	V/1.0)	100	43.3	23	72.4	2065.4/1.03			
2407	v/1.0	,	100	50.4	23	13.4	4077.4/2.34			
<u> </u>										
<u> </u>										
I										
	1									
25000.0								5000/500		
								Peak/avg		
	The EUT	was scan	ned from 3	30 MHz to 28	5 GHz					
	The emis	sions obs	erved from	n the EUT do	not exceed the	e specified limits	. Emissions not recor	ded		
	were mo	re than 10	dB under	the specified	limit. *=Noise l	Floor Measurem	ents (Minimum syster	n)		

Retlif Job Number R-8288

Test Metho	od:	FCC	Part 15 Subp	art C, Spurio	us Case Radia	ted Emissions, I	Paragraph 15.209(a)					
Customer:		Amplidyne, Inc. Job No. R-8288										
Test Samp	ole:	2.4Gł	2.4GHz Spread Spectrum Amp. with 15dB gain Parabolic Antenna. APG15 FCC ID: XXXAMP2425-27S									
Antenna N	lo.:	APG1										
Operating	Mode:	Conti	nuous Tx of 2	.4GHz Sprea	ad Spectrum Si	anal.		-				
Technicia	n:	P. La	nanna			Di	ate: April 27, 2000)				
Notes:	Test Dist	ance: 3	3 Meters	Temp.9(C Humidity	/:37%	Duty Cycle=0.5%	·				
10100.	Detector	· 0uas	i-Peak Below	1 GHz Pea	k above 1 GHz		D C Correction46 0c	IB				
Test	Antonn	. Quuu	Quasi-Feak Below 1 GHz, Feak above 1 GHz D.C.Collection=-4				Converted					
Fred	Positic	na	EUI	Nieter Readings	Eactor	Reading	Reading	і іміт				
MH7	(\//H) / Me		Degrees	dBu\/	dB	dBu\//m		uV/m				
			Degrees	ubuv	db	abav/iii	u v/m	u v/m				
30.00								100				
								100				
88.00								100				
88.00								150				
216.00								150				
216.00								200				
960.00								200				
960.00								5000/500				
								Peak/avg				
CH.3												
2390	V/1.0)	180	49.8	23	72.8	4365.2/2.18					
2495	V/1.0)	180	43.3	23	66.3	2065.4/1.03					
CH.6			100	05.0			05.4/0.04*					
2390	V/1.0)	180	35.6	-7.6	28.0	25.1/0.01*					
2500	V/1.0)	180	35.6	-7.6	28.0	25.1/0.01*					
2300	V/1 C	,	180	16.0	23	60.0	3126 1/1 56					
2330	V/1.0	,)	180	50.2	23	73.2	4570 9/2 29					
	v/1.0	,	100	00.2	20	10.2	-010.0/2.23					
<u> </u>												
<u> </u>												
								İ				
25000.0								5000/500				
								Peak/avg				
	The EUT	was so	canned from 3	30 MHz to 25	5 GHz							
	The emis	sions c	observed from	the EUT do	not exceed the	e specified limits	s. Emissions not recor	ded				
	were mo	re than	10dB under	the specified	limit. *=Noise l	-loor Measurem	ents (Minimum syster	m)				



Retlif Job Number R-8288

Customer: Test Samp Antenna N		Ampli										
Test Samp Antenna N		Amplidyne, Inc. Job No. R-8288										
Antenna N	Test Sample:		2.4GHz Spread Spectrum Amp. with 16dB gain Panel Antenna.									
Antenna No.:		INET-I	INET-PNL-16 FCC ID: XXXAMP2425-27S									
Operating	Mode:	Contir	uous Tx of 2	.4GHz Sprea	ad Spectrum Si	gnal.	I					
<u> </u>	า:	P. Lar	nanna				Date: April 27, 2000					
Notes:	Test Dist	ance: 3	Meters	Temp:90	C Humidity		Duty Cycle=0.5%					
10100.	Detector: Quasi-Peak Below 1 GHz Peak above 1 GHz D C Correction46 0dB											
Test	A rate area	TOT: QUASI-PEAK BEIOW 1 GHZ, PEAK ADOVE 1 GHZ D.C.Correction=-46.0d										
Fred	Positio	na ina	EU1 Orientation	Meter Readings	Eactor	Reading	Reading	і іміт				
MHz	(\//H) / Me	tors	Degrees	dBu\/	dB	dBu\//m		uV/m				
			Degrees	abav	40	abavin		0.0/111				
30.00								100				
								1				
88.00								100				
88.00								150				
216.00				_				150				
216.00								200				
960.00								200				
960.00								5000/500				
								Peak/avg				
CH.3												
2389	V/1.0		180	43.4	23	66.4	2089.3/1.04					
2491	V/1.0)	180	41.0	23	64.0	1584.9/0.79					
2300	V/1 0		180	30.7	-7.6	32.1	40.3/0.02*					
2590	V/1.0		180	39.7	-7.6	32.1	40.3/0.02					
2000	v/1.0	·	100	00.1	7.0	52.1	40.3/0.02					
CH.11												
2390	V/1.0)	180	44.6	23	67.6	2398.8/1.20					
2485	V/1.0)	180	48.8	23	71.8	3890.5/1.94					
				_								
25000.0								5000/500				
			anna d fi					Peak/avg				
		was sc	anned from 3	SU MHZ to 25	GHZ		La Enclasiana d	ala al				
		SIONS O	DServed from		not exceed the	specified limit	ts. Emissions not record	aed				
				ine specilieu				··/				



Test Methe	od:	FCC	Part 15 Subp	art C, Spurio	ous Case Radia	ted Emissions,	Paragraph 15.209(a)					
Customer:		Amp	lidyne, Inc.	•		Job	No. R-8288					
Test Sam	ole:	2.4G	2.4GHz Spread Spectrum Amp. with 19dB gain Parabolic Antenna.									
Antenna No.:		INET	INET-ANT-19 FCC ID: XXXAMP2425-27S									
Operating	Mode:	Cont	inuous Tx of 2	.4GHz Spre	ad Spectrum Si	anal.		-				
Technicia	n:	P. La	ananna			<u> </u>	ate: April 27, 2000)				
Notes:	Test Dist	ance:	3 Meters	Temp:90	C Humidity	/.37%	Duty Cycle=0.5%	·				
10103.	Detector	· 0ua	ance: 3 meters I emp:90 Humidity:37% Duty Cycle=0.5%									
T 4	Autom	. Quu		Matan		O a mar a tra al						
Fred	Positic	na	EUI	Nieter Readings	Eactor	Reading	Reading	тиміт				
MHz	(\//H) / Mo	tors	Degrees	dBuV	dB	dBu\//m						
			Degrees	ubuv	uв	abuv/m	uv/m	u v/m				
30.00								100				
1								100				
88.00								100				
88.00								150				
216.00	1							150				
216.00								200				
960.00								200				
960.00								5000/500				
								Peak/avg				
CH.3												
2390	V/1.0)	180	46.6	23	69.6	3020.0/1.51					
2484	V/1.0)	180	41.8	23	63.8	1548.8/0.77					
l												
CH.6												
2390	V/1.0)	180	37.8	-7.6	30.2	32.4/0.02*					
2500	V/1.0)	180	37.8	-7.6	30.2	32.4/0.02*					
CH.11			100	45.5		<u> </u>	0000 7/1 00					
2390	V/1.0)	180	45.5	23	68.5	2660.7/1.33					
2484	V/1.0)	180	50.3	23	73.3	4623.8/2.31					
<u> </u>												
<u> </u>												
<u> </u>												
<u> </u>												
<u> </u>												
I				1								
<u> </u>												
25000.0								5000/500				
_0000.0								Peak/avo				
	The EUT	was s	scanned from 3	30 MHz to 25	5 GHz		I					
	The emis	sions	observed from	n the EUT do	not exceed the	e specified limit	s. Emissions not recor	ded				
	were mo	re thar	n 10dB under	the specified	limit. *=Noise l	Floor Measuren	nents (Minimum syster	n)				
	1 -	-	-	• • • •				,				

