EQUIPMENT:MR1903PP

TEST REPORT NO.:4L0459RIC1

Test Data – Amplifier Gain and Bandwidth

Nemko Dallas, Inc.							Dallas Headquarters: 802 N. Kealy Lewisville, TX 75057 Tel: (972) 436-9600 Fax: (972) 436-2667					
Data Plot Spurious Emissions at Antenna Terminals												
Page <u>1</u> of Job No.: Specification: Tested By: E.U.T.: Configuration:	f <u>3</u> 4L0459R RSS131 David Light PCS REPEATER TX		Date: 7/27/2004 Temperature(°C): 22 Relative Humidity(%) 40				Complete X Preliminary:					
Sample Number: Location: Detector Type:	1 Lab 1 Peak					efer to plots efer to plots		Measurement Distance:		n		
Ideat Equipment Used Antenna:			Cable #2: 16 Cable #3: Cable #4: Mixer:			1626 1627	- - - - -					
	L∨l dBm		Marker 1	1 [T1] 12. .865941	55 dBm 88 GHz	RBW VBW SWT	30 k 30 k 70 m		Att lxer nit	20 dB -10 dBm dBm		
40 3 1 30	. 1 d	B Offse	e t	when when the stand	᠂ᡐ᠊ᢧ᠊ᠾ᠊ᠮ᠆ᠮ᠆ᠮ	₽₽	▼1 	[T1] [T1] -1	12 1.86594 0 6.78356	.55 dBm 188 GHz .59 dB 713 MHz	•	
10 1MA 0	×								+		1MA	
- 10 	-13	dBm										
-30 -40	www	~							hry	winnhuhur		
-50 -60 Star Date:		845 GH: '.JUL.2		:05:43	2.5	MHz/			Stop 1	.87 GHz]	
Notes:	20 dB P INPUT	assband = 1 LEVEL = -5	6.8 MHz 50.5 dBm ACI		3							

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Data Plot	inko Ballas, inc.	Spurious Emi	ssions at A	ntenna 7	Ferminals					
Page <u>1</u> o Job No.: Specification: Tested By: E.U.T.:	f <u>1</u> 4L0459R RSS131 David Light PCS REPEATER	Spurious Emissions at Antenna Date: 10/18/2004 Temperature(°C): 25 Relative Humidity(%) 45			Complete X Preliminary:					
Configuration: Sample Number: Location: Detector Type:	TX 1 Lab 1 Peak	RBW: <u>30 kHz</u> VBW: <u>30 kHz</u>				Measurement Distance: <u>NA</u> m				
Test Equipm Antenna: Pre-Amp: Filter: Receiver: Attenuator #1 Attenuator #2: Additional equip Measurement Ur	1036 1064 ment used:		ional Coupler: Cable #1: Cable #2: Cable #3: Cable #4: Mixer:	1629						
40 21	Lv1 dBm 1.7 dB Offse	16.78356	.46 dB 713 MHz	VBW SWT	30 k 70 m ▼1 ▼2		nit 1.92910 6.78356 1.93752	.46 dB	A 1MA	
-20 -30 -40 -50 -60	nt 1.925 GHz 18.0CT.20		2.5	MHz/				.95 GHz		
Notes:	20 dB Passband = 16									
		7.6 dBm ACROSS BAND)							
	OUTPUT LEVEL -	+28.1 dBm / gain = 85.7 d	B							