Test Data – Amplifier Gain and Bandwidth

Dallas Headquarters:
802 N. Kealy
Lewisville, TX 75057
Tel: (972) 436-9600
Fax: (972) 436-2667

Nemko Dallas, Inc.

Data Plot **Spurious Emissions at Antenna Terminals**

Page 1 of 3 Complete X

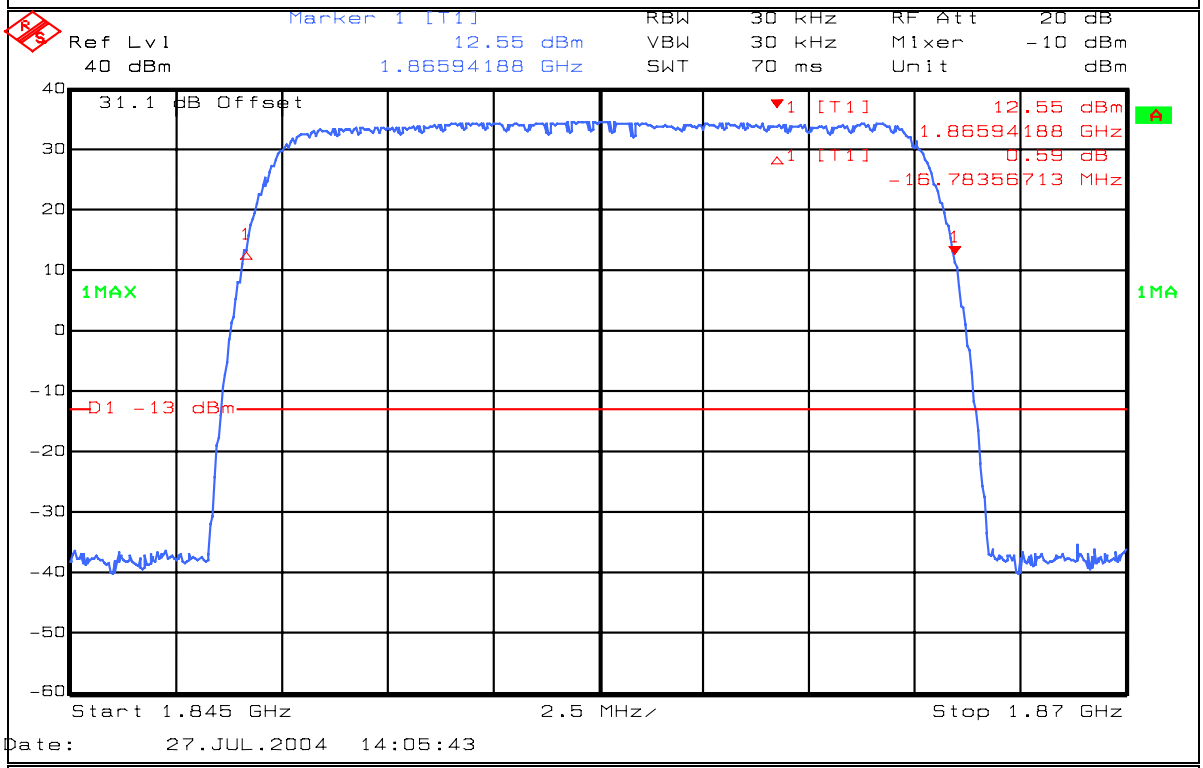
Job No.:	4L0459R	Date:	7/27/2004	Preliminary:	
Specification:	RSS131	Temperature(°C):	22		
Tested By:	David Light	Relative Humidity(%)	40		
E.U.T.:	PCS REPEATER				
Configuration:	TX				
Sample Number:	1				
Location:	Lab 1	RBW:	Refer to plots	Measurement	
Detector Type:	Peak	VBW:	Refer to plots	Distance:	NA m

Test Equipment Used

Antenna:		Directional Coupler:	
Pre-Amp:		Cable #1:	1626
Filter:		Cable #2:	1627
Receiver:	1036	Cable #3:	
Attenuator #1	1064	Cable #4:	
Attenuator #2:	1065	Mixer:	

Additional equipment used:

Measurement Uncertainty: +/-1.7 dB



Notes:
20 dB Passband = 16.8 MHz
INPUT LEVEL = -50.5 dBm ACROSS BAND
OUTPUT LEVEL - +34.4 dBm / gain = 84.9 dB

Test Data – Amplifier Gain and Bandwidth

Dallas Headquarters:
802 N. Kealy
Lewisville, TX 75057
Tel: (972) 436-9600
Fax: (972) 436-2667

Nemko Dallas, Inc.

Data Plot **Spurious Emissions at Antenna Terminals**

Page 1 of 1 Complete X

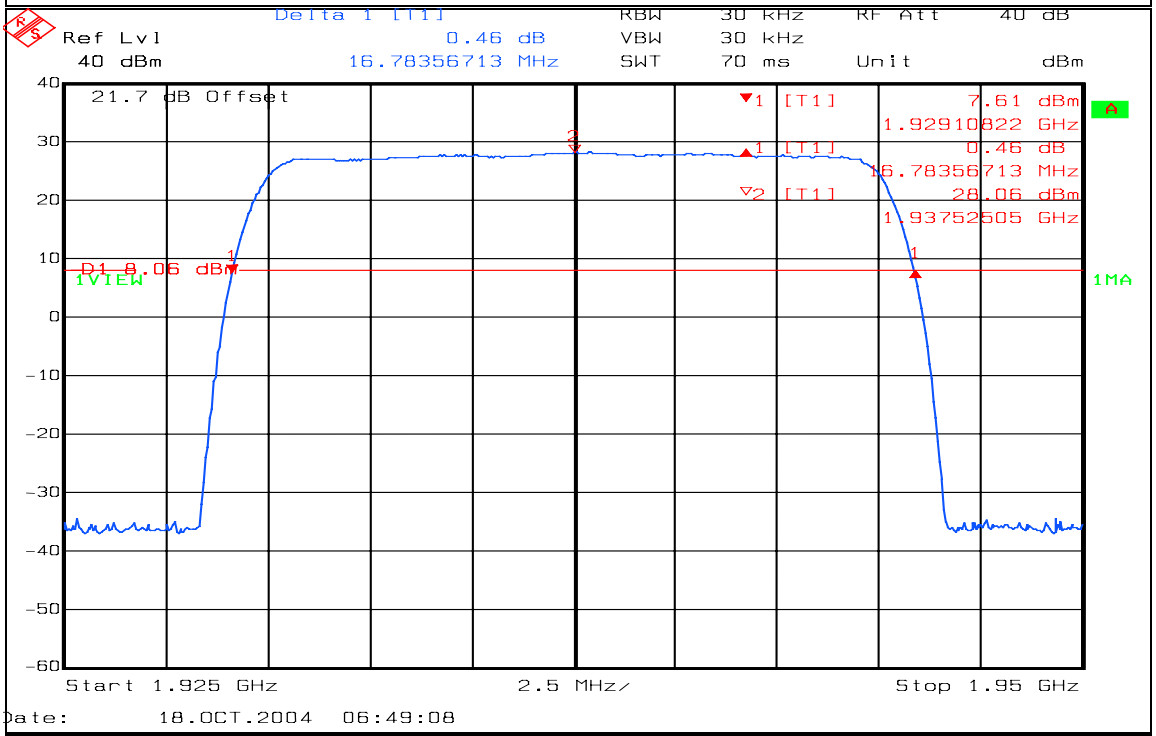
Job No.:	4L0459R	Date:	10/18/2004	Preliminary:	
Specification:	RSS131	Temperature(°C):	25		
Tested By:	David Light	Relative Humidity(%)	45		
E.U.T.:	PCS REPEATER				
Configuration:	TX				
Sample Number:	1				
Location:	Lab 1	RBW:	30 kHz	Measurement	
Detector Type:	Peak	VBW:	30 kHz	Distance:	NA m

Test Equipment Used

Antenna:		Directional Coupler:	
Pre-Amp:		Cable #1:	1629
Filter:		Cable #2:	
Receiver:	1036	Cable #3:	
Attenuator #1	1064	Cable #4:	
Attenuator #2:		Mixer:	

Additional equipment used:

Measurement Uncertainty: +/-1.7 dB



Notes:
20 dB Passband = 16.8 MHz
INPUT LEVEL = -57.6 dBm ACROSS BAND
OUTPUT LEVEL - +28.1 dBm / gain = 85.7 dB