Nemko

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Nemko Dallas, Inc.

Data Plot — Spurious Emissions at Antenna Terminals

Page 1 of 3

Complete X
Preliminary: ____

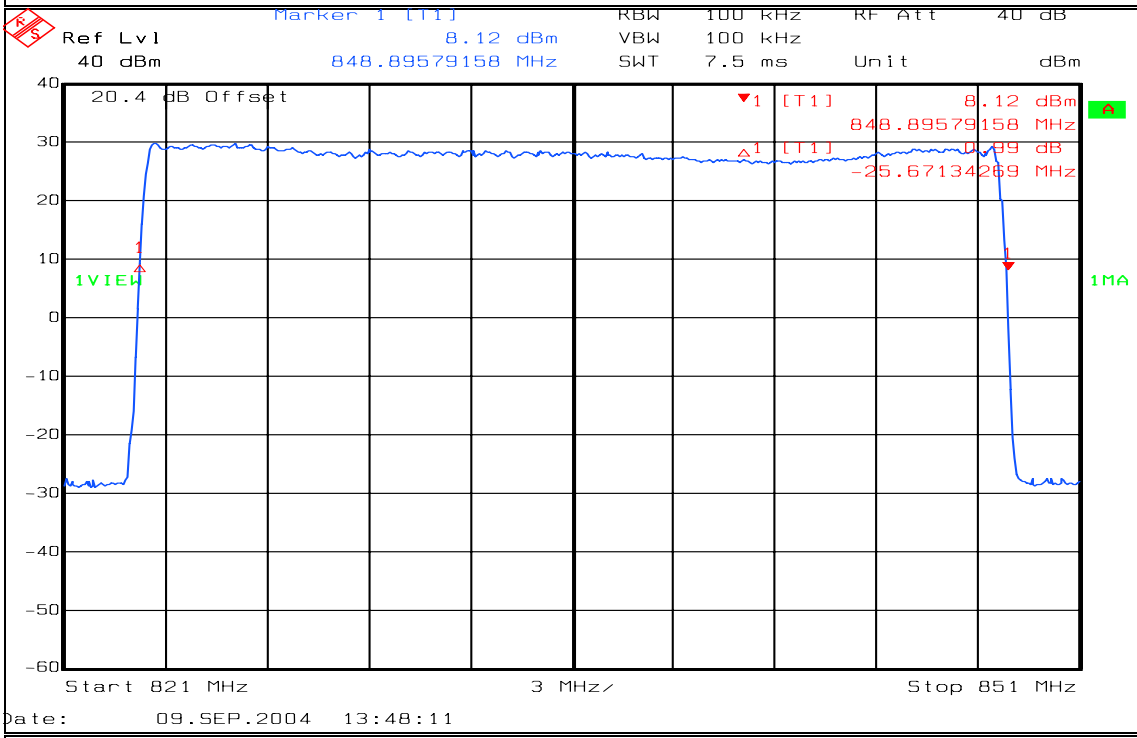
Job No.:	4L0458	Date:	9/9/2004
Specification:	RSS131	Temperature(°C):	25
Tested By:	David Light	Relative Humidity(%)	35
E.U.T.:	CELL BAND REPEATER		
Configuration:	TX		
Sample Number:	1		
Location:	Lab 1	RBW:	100 kHz
Detector Type:	Peak	VBW:	100 kHz

Measurement Distance: NA m

Test Equipment Used

Antenna:		Directional Coupler:	
Pre-Amp:		Cable #1:	1627
Filter:		Cable #2:	1628
Receiver:	1036	Cable #3:	
Attenuator #1	1064	Cable #4:	
Attenuator #2:		Mixer:	

Additional equipment used:
Measurement Uncertainty: +/-1.7 dB



Notes:
20 dB Passband = 25.7 MHz
INPUT LEVEL = -55.6 dBm ACROSS BAND
OUTPUT LEVEL - +30 dBm / gain = 90 dB

Out of band rejection.
Uplink

Out of band rejection.
Downlink.

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Complete X
Preliminary:

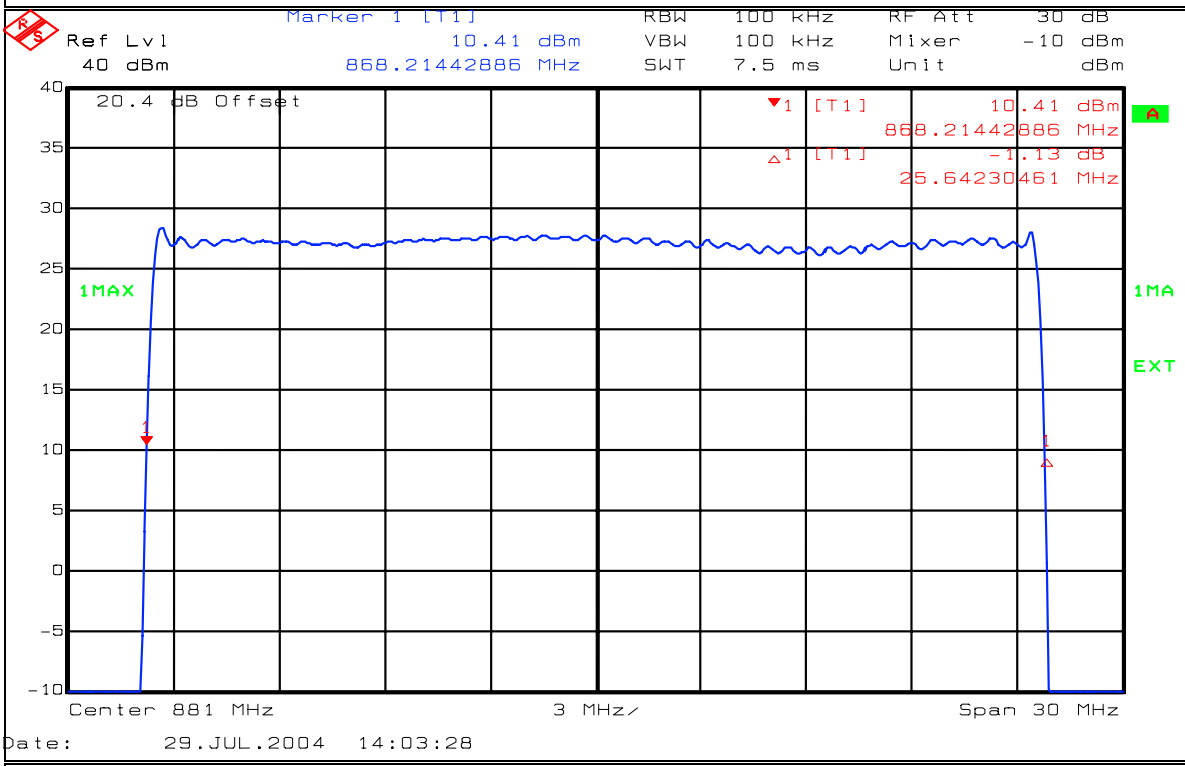
Job No.:	4L0458	Date:	7/27/2004
Specification:	RSS131	Temperature(°C):	22
Tested By:	David Light	Relative Humidity(%)	40
E.U.T.:	CELL BAND REPEATER		
Configuration:	TX		
Sample Number:	1		
Location:	Lab 1	RBW:	Refer to plots
Detector Type:	Peak	VBW:	Refer to plots

Measurement Distance: NA m

Test Equipment Used

Antenna:		Directional Coupler:	
Pre-Amp:		Cable #1:	1627
Filter:		Cable #2:	1628
Receiver:	1036	Cable #3:	
Attenuator #1	1064	Cable #4:	
Attenuator #2:		Mixer:	

Additional equipment used:
Measurement Uncertainty: +/-1.7 dB



Notes:
20 dB Passband = 25.64 MHz
INPUT LEVEL = -55.4 dBm ACROSS BAND
OUTPUT LEVEL - +27.4 dBm / gain = 82.8 dB