

**Dallas Headquarters:**

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Nemko Dallas, Inc.**Data Plot****Spurious Emissions at Antenna Terminals**

Page 1 of 2

Job No.: 4L0458

Date: 9/9/2004

Complete X
Preliminary: _____

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

Measurement

Detector Type: Peak

VBW: 100 kHz

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

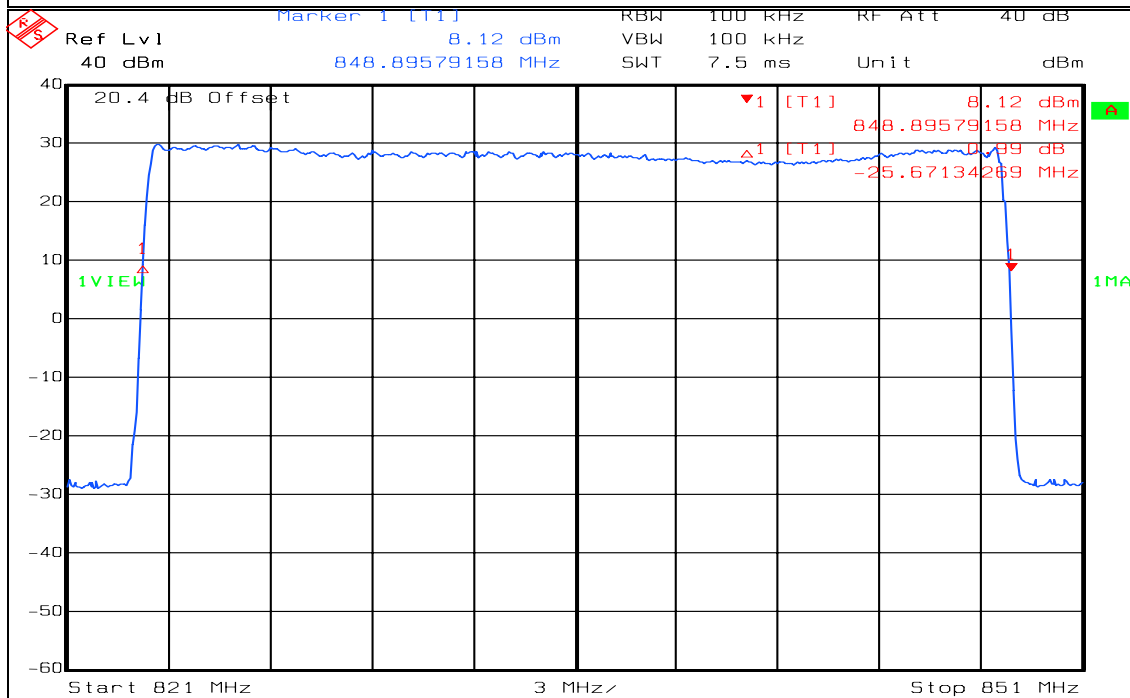
Cable #4: _____

Attenuator #2: _____

Mixer: _____

Additional equipment used: _____

Measurement Uncertainty: +/-1.7 dB



Date: 09.SEP.2004 13:48:11

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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Data Plot

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Page 1 of 3

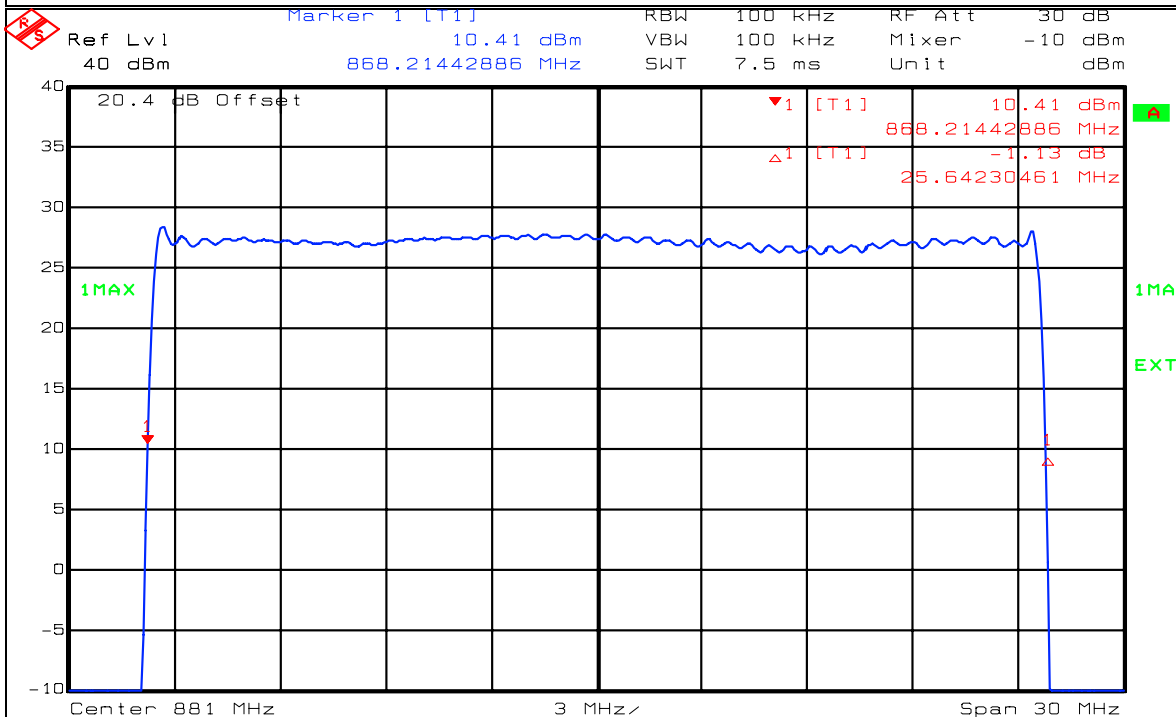
Job No.: 4L0458 Date: 7/27/2004
Specification: RSS131 Temperature(°C): 22
Tested By: David Light Relative Humidity(%): 40
E.U.T.: CELL BAND REPEATER
Configuration: TX
Sample Number: 1
Location: Lab 1 RBW: Refer to plots
Detector Type: Peak VBW: Refer to plots

Complete X
Preliminary:

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



Date: 29.JUL.2004 14:03:28

Notes: 20 dB Passband = 25.64 MHz

INPUT LEVEL = -55.4 dBm ACROSS BAND

OUTPUT LEVEL = +27.4 dBm / gain = 82.8 dB