

Dallas Headquarters:

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

Nemko Dallas, Inc.

Data Plot			Spur	ious Emi	ssions at	Antenna	Terminals				
Page 1 o	f <u>3</u>							Complete	Х		
Job No.:	4L0458			Date:	9/9/2004			Preliminary:			
Specification:	RSS131		Temp	perature(°C):	25	-					
Tested By:	David Light		Relative I	Humidity(%)	35	-					
E.U.T.:	CELL BAND F	REPEATER				-					
Configuration:	TX						-				
Sample Number:							-				
Location:	Lab 1				RBW:	100 kHz		Measurement			
Detector Type:	Peak					100 kHz	-	Distance:	NA I	m	
T (F ·											
Test Equipm Antenna:	ent Usea			Diraati	onal Coupler:						
Pre-Amp:				Directi	Cable #1:		-				
Filter:					Cable #2:		-				
Receiver:	1036				Cable #2: Cable #3:		-				
	1056				Cable #3. Cable #4:		-				
Attenuator #1	1004						-				
Attenuator #2:					Mixer:		-				
Additional equip							-				
Measurement Ur	certainty:	+/-1.7 dB									
<u> </u>		Ma	irker	1 [[1]]		RBL	1 100 K	Hz RF	Att	4U dB	
Ref	Lv1			8.	.12 dBm	VBh	100 k	Hz			
40	dBm		848	3.895791	158 MHz	541	7.5 m	s Un	it	dBm	ı
40		6 6 L L			1					<u>т </u>	1
20	1.4 dB O	ffset					▼1	[T1]	ε		A
30									8.89579		
30		m	~~~~~		m	manne	<u>^1</u>		m	1,4a ge	
								-2	5.67134	1269 MHz	
20											
10	1									1	
1 V I	E LA										1MA
	-7										
0	_						-			↓	
- 10											
-10											
-20										+ +	
-30	~									Lean	
50											
-40										-	
-50											
-30											
-60 Star	t 821 M	HZ			<u>і</u> з	MHz/			Stop	851 MHz	J
Date:		.200	4 13	:48:11	5				5.00	551 miz	
Notes:	20 dB Passba										
10165.	INPUT LEVI			ROSS BAND							
	OUTPUT LE										
	JUIPULLE	.v EL - +3(, adili / ĝ	ani – 90 UB							

Out of band rejection. Uplink

Out of band rejection. Downlink.



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Data Plot			<u>Spur</u>	ious Emis	ssions at	Antenna 7	<u>Ferminals</u>				
Page <u>1</u> of Job No.: Specification: Tested By: E.U.T.:	f <u>3</u> 4L0458 RSS131 David Light CELL BAND REPEAT		Date:					Complete Preliminary:	<u>X</u>		
Configuration: Sample Number: Location: Detector Type:	TX 1 Lab Peal					Refer to plots Refer to plots		Measurement Distance: <u>N</u>	Am		
Test Equipmo Antenna:	ent Use	<u>d</u>		Direction	onal Coupler:						
Pre-Amp: Filter: Receiver:	103				Cable #2: Cable #3:	1627 1628					
Attenuator #1 Attenuator #2: Additional equip Measurement Un		1:	B		Cable #4: Mixer:						
Ref	-		Marker		41 dBm		100 k 100 k 7.5 m		er -	30 dB 10 dBn dBn	
40		B Offse					▼1	[〒1]	10.4 .2144288	41 dBm	A
30	0						1		.6423046		
25 1MA	×		~~~~~					~~~~~			1MA
20 15											ЕХТ
10	-									1	
5											
-5											
-10	ter F	881 MHz				MHz/			Span 3	30 MH7]
Date:	2	9.JUL.2		: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											