Nemko Dallas, Inc.

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Field Strength of Spurious Emissions

Page 1 of 1 | **Procedure: ANSI/TIA/EIA-603-1992** | Complete X

Job No.: 0L0471R | Date: 12/20/00 | Preliminary

Specification: PART 24 | Temperature(°C): 22

Tested By: David Light | Relative Humidity(%) 50

E.U.T.: PCS BASE STATION

Configuration: TRANSMIT CHANNEL 600 FULL POWER INTO 50 OHM LOAD

Sample No: S01

Location: AC1 | RBW: 1 MHz | Measurement

Detector Type: Peak | VBW: 1 MHz | Distance: 3 m

Test Equipment Used

Antenna: | Directional Coupler:

Pre-Amp: | Cable #1: 1042

Filter: | Cable #2: 1483

Receiver: 1036 | Cable #3:

Attenuator #1 | Cable #4:

Attenuator #2: | Mixer:

Additional equipment used:

Measurement Uncertainty: +/-3.6 dB

Frequency (MHz)	Meter Reading (dBm)	Correction Factor (dB)		Pre-Amp Gain (dB)	Substitution Antenna Gain (dBd)		ERP (dBm)	ERP (mW)	Polarity	Comments
3920.000	-75.3	34.3		33.4	8.0		-66.4	0.000000	H	NF=Noise Floor
5880.000	-69.1	36.0		32.0	9.1		-56.0	0.000002	H	NF
7840.000	-72.1	39.8		33.4	9.4		-56.3	0.000002	H	NF
9800.000	-73.5	42.6		36.1	10.5		-56.5	0.000002	H	NF
11760.000	-72.4	46.0		36.6	11.0		-52.0	0.000006	H	NF
13720.000	-68.9	50.8		34.2	10.4		-41.9	0.000065	H	NF
3920.000	-75.3	40.4		33.4	8.0		-60.3	0.000001	V	NF
5880.000	-69.1	38.5		32.0	9.1		-53.5	0.000004	V	NF
7840.000	-72.1	40.4		33.4	9.4		-55.6	0.000003	V	NF
9800.000	-73.5	40.4		36.1	10.5		-58.7	0.000001	V	NF
11760.000	-72.4	42.5		36.6	11.0		-55.5	0.000003	V	NF
13720.000	-68.9	47.6		34.2	10.4		-45.1	0.000031	V	NF

Notes: **SCANNED SPECTRUM TO 10TH HARMONIC OF CARRIER**