

Spectrum Measurement Report

Date	3-Aug-99	
UUT:	SCAT-1 Transmitter	Serial Number:
Spectrum Analyzer	HP8563E	Serial Number:
Span:	69.5 Khz	Sweep Time:
Resolution Bandwidth:	1kHz	Video Bandwidth:
Measurement Method:	Measurement of "Channel Power Across 25.0 kHz BW"	
Conditions:	Transmitter operating at 16 packets per second with typical data and maximum output power (approximately +41 dBm) Transmitter operating frequency = 112.0 MHz. 30.0 dB attenuator between transmitter output port and spectrum analyzer	
Analyzer Frequency:	109.9 Mhz	114.1
Adjacent Channel:	(-) 84	(+) 84
Frequency Offset:	(-) 2.1 Mhz	(+) 2.1 Mhz
Reported Power in 25 Khz Bandwidth	(-) 84.6 dBm	(-) 84.5 dBm
Correction Factor:	30 dB	30 dB
Total Power in 25Khz Bandwidth	(-) 54.6 dBm	(-) 54.5 dBm
Power Limit:	(-) 50 dBm	(-) 50 dBm
Margin	4.6 dB	4.5 dB

28

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5 Seconds

1kHz

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