

COMPLIANCE CERTIFICATION SERVICES, INC.

Radiated Emissions
15.205

7/24/01
Kerwin Corpuz
A-site (1.0 Meter)

APERTO NETWORKS

5.8 GHZ BASE STATION UNIT; M/N:PWR5800-US; S/N:T58R10129X000007

LOW CHANNEL

F(MHz)	READING		AF	CL	AMP	DIST	HPF	TOTAL		LIMIT			MARGIN	
(dBuV)			(dB)	(dB)	(dB)	(dB)	(dB)	(dBuV/m)		(dBuV/m)		(dB)		
	Pk	Avg						Pk	Avg	Pk	Avg	Pk	Avg	
fo=5728 MHz														
11455.5*	38.8	27	39.2	7.5	40.4	9.5	1	36.6	24.8	74	54	-37.4	-29.2	
17183.2*	40.7	29.4	44.4	9.5	44.03	9.5	1	42.07	30.77	74	54	-31.9	-23.2	
22911*	41.7	31.7	32.5	11.85	43.2	9.5	1	34.35	24.35	74	54	-39.7	-29.7	
OSC=4798 MHz														
4799.76V		44.6	32.9	4.8	41.76	9.5	1		32.04		54		-22	
4799.76H		42.8	32.9	4.8	41.76	9.5	1		30.24		54		-23.8	
9599.52V*	38.5	27.1	37.7	6.9	39.3	9.5	1	35.3	23.9	74	54	-38.7	-30.1	
9599.52H	40.4	33.8	37.7	6.9	39.3	9.5	1	37.2	30.6	74	54	-36.8	-23.4	
14399.28*	39.3	29.2	40	9	44.2	9.5	1	35.6	25.5	74	54	-38.4	-28.5	
19199.04*	43.4	32.7	32.1	9.9	43	9.5	1	33.9	23.2	74	54	-40.1	-30.8	

* Measured noise floor (worse case vertical)

NOTE: MEASURED HORIZONTAL (H) AND VERTICAL (V)

DIST: Correction to extrapolate reading to 3m specification distance

1.0M measurement distance= **-9.5dB**

SPECTRUM ANALYZER: HP 8566B

ANTENNA: EMCO, 3115, S/N:9001-3245 & ARA, MWH-1826/B, S/N:1013

PRE-AMP: MITEQ, NSP2600-44, S/N: 646456

CL: Cable loss (15ft)

HPF: MICROLAB High pass filter insertion loss (2.4GHz)