

CHUMBY
3/17/2008
DC

Client Name : Chumby Industries, Inc.
EUT Name : Wireless Internet Appliance
EUT Model # : TP Link VDC-A
EUT Serial # : Engineering Sample
EUT Config. : Transmit (Low, Mid, High)

Temp. (°C) : 21
Humidity (%) : 26
EUT Voltage : 120
EUT Frequency : 60
Phase: Single
NOATS X

Distance 3 m
Peak Hold RBW: 10 MHz
Video Bandwidth 10 MHz

Specification :

529	DRG Ant. #	mfg	Model	Serial Number	Cal Date	Cal Due Date
	40ft	EMCO	3115	2505	27-Aug-07	27-Aug-08
835	Spec An.#: 40ft	Rohde & Schwarz	RHDFSEK	829058/005	20-Jun-07	20-Jun-08

TP Link	Channel	Radiated maximum dBμV/m	Antenna Factor (dB/m)	Cable Loss (dB)	Radiated corrected dBμV/m	Radiated corrected dBm	Bandwidth Correction dB	radiated corrected dBm	Conducted corrected dBm	Delta Ant dBi
	Low	83.5	28.4	5.9	117.8	22.5	2.40	24.9	23.4	1.5
	Mid	80.2	28.4	5.9	114.5	19.2	2.48	21.7	25.1	-3.4
	High	78.8	28.4	5.9	113.1	17.8	2.40	20.2	24.4	-4.2
									Average	-2.1
									Max	1.5

Field Strength in V/m = (5.5 * sqrt (Power in Watts *ant.fac)) / distance