

Radiated Emissions, 30 -1000 MHz
Class B EN 55022

03U1969
030512A1
05/13/07 10:05 AM
William Zhuang

TN Cokenias
RadioLAN, WLAP, 5.8GHz DTS
EUT with Power Supply

05/13/07

Freq. (MHz)	Reading (dBuV)	AF (dB)	Closs (dB)	Pre-amp (dB)	Level (dBuV/m)	Limit EN_B	Margin (dB)	Pol (H/V)	Az (Deg)	Height (Meter)	Mark (P/Q/A)
639.99	60.20	19.77	4.19	28.09	56.08	46.00	10.08	3mV	0.00	1.50	P
639.99	63.10	19.77	4.19	28.09	58.98	46.00	12.98	3mH	0.00	2.50	P
<i>FCC Class A:</i>											
640.00	54.60	19.77	4.19	28.09	50.48	46.40	4.08	10mH	0.00	3.00	P
639.98	47.10	19.77	4.19	28.09	42.98	46.40	-3.42	10mH	0.00	1.00	P
<i>EN Class B 10m:</i>											
639.98	47.10	19.77	4.19	28.09	42.98	37.00	5.98	10mH	0.00	1.00	P
640.00	45.80	19.77	4.19	28.09	41.68	37.00	4.68	10mH	0.00	1.50	P
640.00	44.10	19.77	4.19	28.09	39.98	37.00	2.98	10mH	0.00	1.50	P
640.00	52.60	19.77	4.19	28.09	48.48	37.00	11.48	3mH	0.00	1.20	P
640.00	48.90	19.77	4.19	28.09	44.78	37.00	7.78	3mH	0.00	1.20	P
ADD ALUMINUM TAPE TO CHASSIS, then re-test:											
640.00	40.80	19.77	4.19	28.09	36.68	37.00	-0.32	10mH	0.00	1.00	P
480.00	37.70	17.15	3.56	27.62	30.79	37.00	-6.21	10mH	0.00	1.00	P
400.00	39.60	15.88	3.11	27.27	31.32	37.00	-5.68	10mH	0.00	1.00	P
320.00	35.30	15.36	2.85	26.69	26.82	37.00	-10.18	10mH	0.00	1.00	P
240.00	43.10	11.92	2.46	26.55	30.93	37.00	-6.07	10mH	0.00	3.00	P
160.00	34.90	17.04	1.98	26.78	27.14	30.00	-2.86	10mH	0.00	2.50	P
Only noise floor for vertical											
Total data #: 15											
V.2a											