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AirEzy-2460 Wireless Adapter

FCC

Pt 15.247, 15.207, 15.209

4/18/97

T21878

ELLIOTT LABORATORIES		EM	C Test Log	OTC Tele
Client Name OTC Telecom	Date 4/18/97		. Dickinson	Ö
Product AirEzy-2460 Wireless Adapter	Page 1 of 3	Project Engineer) Bare	1³
Specification Final Qualification	^{File} T21878	Client Contact V	Veiming Ou	1
Test Type FCC Pt 15.247, 15.207, 15.209	Site MV OATS	S #1 /	Approved	1

Test Objective

The objective of this test session is to perform final qualification testing of the transmitter section of the EUT defined below relative to the specification defined above. Additional testing was performed under T21841.

Test Summary

- 6dB Bandwidth measurement @ 2442.5 MHz In Accordance With §15.247 Run #1 -(a)(2)
- Results: the minimum 6dB bandwidth was 9.99 MHz, measured using **PASS** Channel 1 meeting the minimum requirement of 500 KHz.

Graph shows the 6 dB bandwidth to be 9.99 MHz which is greater than the minimum 500 KHz required.

- Transmitted Power Measurements @ 2422 MHz In Accordance With 15.247 Run #2 -
- PASS Results: Output power was measured to be 12.5dBm, Channel 1 PASS Results: Output power was measured to be 11.5dBm, Channel 2 PASS Results: Output power was measured to be 11.5dBm, Channel 3
- Power Density Measurements @ 2442 MHz In Accordance With 15.247 (d) Run #3 -
- PASS Results: Maximum Output power density in 3 KHz bandwidth (Channel 1) was -6.7dBm, 14.7dB below the maximum permitted density of 8 dBm/3KHz.
- PASS Results: Maximum Output power density in 3 KHz bandwidth (Channel 3) was -.17 dBm, 8.17 dB below the maximum permitted density of 8 dBm/3KHz.
- Spurious Emissions In Accordance With 15.247 (d), 1MHz-26 GHz Run #4 -
- PASS Results: All emissions were more than 20 dB below the in-band level when measured in a 100kHz bandwidth