



EMC Test Log

Client Name	OTC Telecom	Date	4/18/97	Test Engineer	J. Dickinson
Product	AirEzy-2460 Wireless Adapter	Page	1 of 3	Project Engineer	D Bare
Specification	Final Qualification	File	T21878	Client Contact	Weiming Ou
Test Type	FCC Pt 15.247, 15.207, 15.209	Site	MV OATS #1	Approved	

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

Run #1 - 6dB Bandwidth measurement @ 2442.5 MHz In Accordance With §15.247 (a) (2)

PASS Results: the minimum 6dB bandwidth was 9.99 MHz, measured using 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.

Run #2 - Transmitted Power Measurements @ 2422 MHz In Accordance With 15.247 (b)

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

Run #3 - Power Density Measurements @ 2442 MHz In Accordance With 15.247 (d)

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.

Run #4 - Spurious Emissions In Accordance With 15.247 (d), 1MHz-26 GHz

PASS Results: All emissions were more than 20 dB below the in-band level when measured in a 100kHz bandwidth

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