

**Specified Radio Equipment Test Report**

Test Date : 02 / 12 / 2013

Class: Article 2 Paragraph 1 Item 19	Frequency : 2405 ~ 2475MHz
Model Name : ETERNA2	Antenna Power : (Ch 1~15) 0.006W/MHz;
	Test Location : Bench test 2
Serial No. : 00381d74	Temp / Humid. : 21.6°C 49.7%
Type of Emission : G1D (DSSS)	Tested By : David Zhang

No.	Test Items	Test ch	Test Frequency MHz	Test Result			Unit	Technical Regulations
1	Frequency	low	2405.0	2405.0535			MHz	50 PPM or less
				22.2453			PPM	
		mid	2440.0	2440.0545			MHz	
				22.3361			PPM	
		high	2475.0	2475.0555			MHz	
				22.4242			PPM	
2	Occupied Bandwidth	Low	2405.0	2.556			MHz	26MHz or less
		Mid	2440.0	2.594			MHz	
		High	2475.0	2.615			MHz	
3	Spurious Emission Intensity	low		1646.23	-43.92		dBm	(1) Below 2387 MHz : -26dBm (2) 2387 to 2400 MHz : -16dBm (3) 2483.5 to 2496.5 MHz : -16dBm (4) Over 2496.5 MHz : -26dBm
				2399.7	-41.25		dBm	
				2483.8	-67.41		dBm	
				4810.9	-40.01		dBm	
		mid		1700.4	-44.25		dBm	
				2399.5	-42.14		dBm	
				2483.8	-45.34		dBm	
				4880.8	-36.27		dBm	
		high		1752.34	-43.93		dBm	
				2399.7	-62.34		dBm	
				2483.9	-35.30		dBm	
				4950.5	-34.05		dBm	
4	Antenna Power	low	2405.0	0.00554	Antenna Power		W/MHz	0.01W /MHz or less Error +20%-80%
				0.00554	Average Power		W/MHz	
				100.00	Duty cycle		%	
				-7.67	Error		%	
		mid	2440.0	0.005653	Antenna Power		W/MHz	
				0.005653	Average Power		W/MHz	
				100.00	Duty cycle		%	
				-5.78	Error		%	
		high	2475.0	0.005699	Antenna Power		W/MHz	
				0.005699	Average Power		W/MHz	
				100.00	Duty cycle		%	
				-5.02	Error		%	
5	Spread-spectrum Bandwidth (MHz)	Low	2405.0	1.627			MHz	500kHz or more
		Mid	2440.0	1.606			MHz	
		High	2475.0	1.594			MHz	
6	Secondary Radiated Emissions	low		105.7	-90.499		dBm	(1) Below 1 GHz : -54dBm (2) 1 GHz or higher : -47dBm
				2401.7	-58.604		dBm	
		mid		869.5	-89.491		dBm	
				2437.7	-58.223		dBm	
		high		869.5	-89.266		dBm	
				2473.7	-57.505		dBm	
7	Holding Time							

 Note: Transmission Rate = 2        Mcps \*Measurement is MAX transmission rate