Test Result of RF Exposure Evaluation

. Product: Mini Wireless Barcode Reader
. Test Item: RF Exposure Evaluation Data
. Test site: OATSI-SD

Antenna Gain

-Antenna type: PCB Antenna
-Antenna Gain: 2.66 dBi

EUT Operation condition

Software provided by client enabled the EUT to transmit and receive data at lowest, middle and highest channel individually.

Output Power into Antenna & RF Exposure Evaluation Distance

Test Date: Feb. 09, 2012 Temperature: 24 ℃
Atmospheric pressure: 1018 hPa Humidity: 64 %

Modulation Type	Channel	Frequency (MHz)	Output Power to Antenna (dBm)	Power Density(S) (mW/cm^2)
GFSK (1Mbps)	00	2402	-2.47	0.0
	39	2441	-1.55	0.0
	78	2480	-1.45	0.0
π/4-DQPSK (2Mbps)	00	2402	-2.30	0.0
	39	2441	-1.45	0.0
	78	2480	-1.42	0.0
8DPSK (3Mbps)	00	2402	-2.22	0.0
	39	2441	-1.43	0.0
	78	2480	-1.40	0.0

The MPE is calculated as 0.000 mW / cm^2 < limit 1 mW / cm^2. So, RF exposure limit warning or SAR test are not required.