

Product Name : Console

Model Number: XER

FCC ID: 2AOTTXER

### RADIO FREQUENCY EXPOSURE COMPLIANCE RESULT :

Test Standard : FCC CFR 47&1.1310

Limits for General Population/Uncontrolled Exposure

Frequency Range (MHz)	Electric Field Strength (V/m)	Magnetic Field Strength (A/m)	Power Density (S) (mW/cm <sup>2</sup> )	Averaging Time (minutes)
0.3-1.34	614	1.63	(100)*	30
1.34-30	824/f	2.19/f	(180/f <sup>2</sup> )*	30
30-300	27.5	0.073	0.2	30
300-1500	--	--	f/1500	30
1500-100,000	--	--	1.0	30

f = frequency in MHz

\*Plane-wave equivalent power density

NOTE: General population/uncontrolled exposures apply in situations in which the general public may be exposed, or in which persons that are exposed as a consequence of their employment may not be fully aware of the potential for exposure or can not exercise control over their exposure.

The limit value 1.0mW/cm<sup>2</sup> is available for this EUT.

MPE Calculation Method

$$MPE(S) = PG/(4 \pi R^2)$$

where: S = power density (in appropriate units, e.g. mW/ cm<sup>2</sup>)

P = power input to the antenna (in appropriate units, e.g., mW)

G = power gain of the antenna in the direction of interest relative to an isotropic radiator

R = distance to the center of radiation of the antenna (appropriate units, e.g., cm)

Calculated Result

BT

Frequency (MHz)	Peak Power (dBm)	Output Power to Antenna (mW)	Antenna Gain (dBi)	Antenna Gain (Numeric)	MPE (mW/cm <sup>2</sup> )	Limit (mW/cm <sup>2</sup> )
DH1 2480	-2.872	0.516	2	1.58	<b>0.000162</b>	1.0
3DH1 2480	-3.172	0.481	2	1.58	<b>0.000151</b>	1.0
DH3 2480	-2.642	0.544	2	1.58	<b>0.000170</b>	1.0

Frequency	Peak Power	Output Power to Antenna	Antenna Gain		MPE	Limit
(MHz)	(dBm)	(mW)	(dBi)	(Numeric)	(mW/cm <sup>2</sup> )	(mW/cm <sup>2</sup> )
3DH3 2480	-2.781	0.527	2	1.58	<b>0.000165</b>	1.0
DH5 2480	-3.047	0.495	2	1.58	<b>0.000155</b>	1.0
3DH5 2480	-3.211	0.477	2	1.58	<b>0.000149</b>	1.0

### 802.11b/g/n

Frequency	Peak Power	Output Power to Antenna	Antenna Gain		MPE	Limit
(MHz)	(dBm)	(mW)	(dBi)	(Numeric)	(mW/cm <sup>2</sup> )	(mW/cm <sup>2</sup> )
802.11b 2412	19.27	84.527	2	1.58	<b>0.026570</b>	1.0
802.11g 2437	20.24	105.681	2	1.58	<b>0.033219</b>	1.0
802.11n 2412	18.55	71.614	2	1.58	<b>0.025105</b>	1.0

### 801.11g+BT DH3

MPE	Limit
(mW/cm <sup>2</sup> )	(mW/cm <sup>2</sup> )
<b>0.033389</b>	1.0

R=20cm