

## 5. RF EXPOSURE EVALUATION

### 5.1 Applicable Standard

According to §1.1307(b)(3)(ii)(A)

the 1-mW exemption intended for single transmitters may be also applied to simultaneous transmission conditions, within the same host device, according one of the following criteria:

- When maximum available power each individual transmitting antenna within the same time averaging period is  $\leq 1$  mW, and the nearest parts of the antenna structures of the simultaneously operating transmitters are separated by at least 2 cm.
- When the aggregate maximum available power of all transmitting antennas is  $\leq 1$  mW in the same time averaging period.

This exemption may not be combined with any other exemption.

### 5.2 Measurement Result

Radio	Frequency (MHz)	Conducted output power including Tune- up Tolerance	Antenna Gain (dBi)	The Greater of Conducted Power or ERP	
		(dBm)		dBm	mW
UWB	6489.6	/	/	-9	0.13

Note:

- Maximum EIRP of UWB is -7.1 dBm, so EPR is -9.25dBm, the tune -up ERP is -9dBm.
- ERP (dBm) = EIRP (dBm)-2.15dB

**Result: The device compliant the 1-mW Test Exemption.**