Test Result of RF Exposure Evaluation

According to the KDB-447498 D01 V06, FCC 47CFR § 2.1091 the following RF exposure evaluation shall to demonstrate RF exposure compliance.

Friis transmission formula: Pd = (Pout*G)/(4*pi*r2)

Where

Pd = power density in mW/cm2, Pout = output power to antenna in mW;

G = gain of antenna in linear scale, Pi = 3.1416;

R = distance between observation point and center of the radiator in cm。

BT3.0

	Target power W/ tolerance (dBm)	**Max tune up power tolerance (dBm)**	**Output power to antenna (mW)**	**Antenna Gain(dBi)**	**Power Density at R=20cm (mW/cm^2)**	**Limit (mW/cm^2)**	**Result**
GFSK/ Pi/4DQPSK/ 8-DPSK	-0.5 ±1.0	0.5	1.122	2	0.000354	1.0	Pass

BT4.0

	Target power W/ tolerance (dBm)	**Max tune up power tolerance (dBm)**	**Output power to antenna (mW)**	**Antenna Gain(dBi)**	**Power Density at R=20cm (mW/cm^2)**	**Limit (mW/cm^2)**	**Result**
GFSK	0±1.0	1.0	1.259	2	0.000397	1.0	Pass