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。

BT4.0

Frequency (MHz)	Output Power **(dBm)**	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/cm2)	Limit (mW/cm2)	Result
2402	1.126	0.8±1.0	1.8	1.492	1	0.00037	1	Pass
2440	1.684	0.8±1.0	1.8	1.492	1	0.00037	1	Pass
2480	1.795	0.8±1.0	1.8	1.492	1	0.00037	1	Pass