

Test Result of RF Exposure Evaluation

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

Friis transmission formula: $P_d = (P_{out} \cdot G) / (4 \cdot \pi \cdot r^2)$

Where

P_d = power density in mW/cm^2 , P_{out} = 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 $R=20\text{cm}$ (mW/cm^2)	Limit (mW/cm^2)	Result
GFSK/ Pi/4DQPSK/ 8-DPSK	2 ± 1.0	3.0	1.995262	-0.61	0.00036	1.0	Pass