

RF exposure information for SAR test exclusion

The Remote Control is classified as portable.

The Remote Control operating according to FCC part 15 subpart C section 15.247 (FHSS).

Maximum measurement transmitter power obtained from Test Report according to FCC part 15 subpart C section 15.247 (DTS):

P _{out} EIRP		Maximum antenna gain, dBi	P _{out} conducted	
dBm	mW		dBm	mW
1.84	1.52	0*	1.84	1.52

According to KDB 447498 D01 v06 section 4.3.1 the exemption limit for 100 MHz to 6 GHz at ≤ 5 mm distance is determined as follow:

$$\left[\frac{(\text{max. power including tune-up tolerance, mW})}{(\text{min. test separation distance, mm})} \right] \times \sqrt{f(\text{GHz})} \leq 7.5 \text{ for 10-g extremity SAR}$$

SAR test exclusion threshold for frequency 927.55 MHz at minimum separation distance of 5 mm:

$$7.5 \times 5 \text{ mm} / (\sqrt{0.92755}) = 40.42 \text{ mW}$$

According to KDB 447498 D01 v05r02 the device is excluded from SAR evaluation.