

FCC 1.1307(b)(3)(i)(B)

Determination of Exemption for Single RF Sources

Average Output Power, Conducted		0.75 mW
Average Output Power, Radiated		0.03 mW
Separation Distance d (cm)(valid for d ≤40 cm)	d (cm)	0.00 cm
Frequency f (GHz) (valid for f ≥300MHz and f ≤6 GHz)	f (GHz)	2.40 GHz
ERP @20cm (mW)	ERP _{20cm}	3060
value used in Threshold calculation	x	1.90
Threshold value at Separation distance d (mW)	P_{th} (mW)	1.00 mW

Verdict:

EXEMPTED

Values above are valid for Single Source RF transmitters

Valid when available maximum time-averaged power or ERP is less than or equal to the Threshold

Only valid for frequency ≥300MHz and ≤6GHz, not valid for other frequencies

Valid for Separation Distance ≤40cm. Alternatively, use values in FCC 1.1307 Table 1.

Threshold Value is 1 mW for separation distance less than 0.5cm