

MHz	dBuV/m @ 3m	EIRP W	EIRP mW	EIRP dBm	G dBi	dBm	mW	W
2402	100.91	0.0037	3.7	5.68	2.64	3.04	2.0	0.0020
2440	100.70	0.0035	3.5	5.47	2.64	2.83	1.9	0.0019
2480	100.01	0.0030	3.0	4.78	2.64	2.14	1.6	0.0016

max power 4 2.5

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4.3.1. Standalone SAR test exclusion considerations

a) For 100 MHz to 6 GHz and test separation distances ≤ 50 mm,

the 1-g and 10-g SAR test exclusion thresholds are determined by the following:

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot$

$[\sqrt{f(\text{GHz})}] \leq 3.0$ for 1-g SAR, and ≤ 7.5 for 10-g extremity SAR, where

$f(\text{GHz})$ is the RF channel transmit frequency in GHz

Pmax=	2.5	mW
d=	5	mm
f=	2.48	GHz
threshold=	0.79	<3

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2.5.1 Exemption Limits for Routine Evaluation – SAR Evaluation

f	2480	MHz				
d	5	mm				
Exemption limit	3.9	mW	9.9	mW	extremity	
max power	2.5	mW				
G antenna	2.64	dBi				
EIRP	4.6	mW	<	9.9	mW	extremity