

FCC ID: OSDQUINTATH
IC: 3628A-QUINTATH
Model: QUINTATH



SAR test exclusion according to KDB447498 (General RF Exposure Guidance v05)

Equation from Chapter 4.3.1: Standalone SAR test exclusion considerations page 11 and ff.

(1) Standalone SAR test exclusion for 100 MHz to 6 GHz at test separation distances $\leq 50\text{mm}$

$$(\text{Threshold}_{1\text{-g},10\text{-g}}) * d_{\text{separation}} / f^{0.5}$$

where

Threshold_{1-g,10-g} is 3 for 1-g; 7.5 for 10-g

$d_{\text{separation}}$ is the min. test separation distance; 5mm is used if the distance is less

f is the RF channel transmit frequency

The table below gives the calculated maximal power that could be used for source based time averaged conducted power, adjusted for tune up tolerance. If this is below the calculated value SAR testing is obsolete.

f in [MHz]	$d_{\text{separation}}$ [mm]	Threshold _{1-g,10-g}	Powerlimit [mW]	$P_{\text{max-declared}}$ [mW]	Exclusion
2412	70	3	135	63	yes
5180	70	3	92	16	yes
5814	70	3	87	20	yes

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