

SAR Exclusion Justification

This device FCC ID: **MG3-R31160B** is excluded from SAR testing by the following justification

The maximum power that the transmitter is capable of is **3.66** mW

Using the following formula from section 4.3.1 of KDB 447498 at test separation distances ≤ 50 mm

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

Max Peak Power (dBm)	Min Separation distance (mm)	Frequency (Ghz)
5.63	5	2.475

Value
1.15

"Value" is ≤ 3 , the SAR test exclusion threshold