



FCC ID: GSS-VS20736

According to KDB 447498 D01 General RF Exposure Guidance v06, section 4.3.1

SAR Test Exclusion Threshold for < 100 MHz and < 200 mm as per Appendix C

SAR exclusion for 100 MHz at 50 mm is 237 mW.

For frequencies below 100 MHz, the following may be considered for SAR test exclusion (also illustrated in Appendix C):<sup>33</sup>

1) For *test separation distances* > 50 mm and < 200 mm, the power threshold at the corresponding test separation distance at 100 MHz in step b) is multiplied by  $[1 + \log(100/f_{\text{(MHz)}})]$

$$237 * [1 + \log(100/f_{(13.56)})] = 422 \text{ mW}$$

2) For *test separation distances* ≤ 50 mm, the power threshold determined by the equation in c) 1) for 50 mm and 100 MHz is multiplied by 1/2

$$422 * (1/2) = 221 \text{ mW}$$

#### 1. SAR test exclusion threshold

**Frequency: 13.56MHz**, test separation distances ≤ 50 mm.

Max. Tune-up Tolerance (mW)	SAR Test Exclusion Thresholds (mW)
0.000056	422

Remark:

-Based on field strength 12.72 dBuV/m at 30m, so 52.72 dBuV/m at 3m transmit power(eirp) of the device was calculated as 0.000056 mW using free space formula.