

FCC ID: TQ8-BDC-4E09

According to KDB 447498 D04 Interim General RF Exposure Guidance v01

1. 1-mW Test Exemption

Per § 1.1307(b)(3)(i)(A), a single RF source is exempt RF device (from the requirement to show data demonstrating compliance to RF exposure limits, as previously mentioned) if the available maximum time-averaged power is no more than 1 mW, regardless of separation distance.

This exemption applies to all operating configurations and exposure conditions, for the frequency range 100 kHz to 100 GHz, regardless of fixed, mobile, or portable device exposure conditions. This is a standalone exemption, and it cannot be applied in conjunction with any other test exemption.

2. Test Result

- 125 kHz

Antenna	Frequency Range (MHz)	Radiated Power (dBuV/m)	ERP (dBm)	ERP (mW)	Limit (mW)	Result
INT1	0.125	86.93	-10.45	0.090 215	1	Pass
INT2	0.125	89.56	-7.82	0.165 302	1	Pass
DRV	0.125	89.93	-7.45	0.180 002	1	Pass
AST	0.125	87.73	-9.65	0.108 462	1	Pass
Bumper	0.125	88.53	-8.85	0.130 400	1	Pass
TRK	0.125	86.43	-10.95	0.080 404	1	Pass
FR Bumper	0.125	88.33	-9.05	0.124 531	1	Pass
Rear_DRV	0.125	90.43	-6.95	0.201 966	1	Pass
Rear_AST	0.125	86.73	-10.65	0.086 154	1	Pass
SSB	0.125	84.13	-13.25	0.047 345	1	Pass

- 433.92 MHz

Frequency Range (MHz)	Radiated Power (dBuV/m)	ERP (dBm)	ERP (mW)	Limit (mW)	Result
433.92	77.31	-20.07	0.009 846	1	Pass

Note;

According to ANSI C63.10 Annex G.2

$$\text{ERP(W)} = p_t \times g_t = (\text{Exd})^2 / 49.2$$

Where;

p_t is the transmitter output power in watts

g_t is the numeric gain of the transmitting antenna (dimensionless)

E is the electric field strength in V/m

d is the measurement distance in meters (m)

$$\text{V/m} = 10^{((\text{dBuV})-120)/20}$$

3. Conclusion: No SAR is required.