

RF Exposure Compliance Requirement

Test Method: 447498 D01 General RF Exposure Guidance v05r02

FCC ID: 2AEI7M35
IC: 9697A-M35

Results: PASS

Systems operation under the provision of this section shall be operated in a manner that ensures the public is not exposed to radio frequency energy levels in excess of the Commission's guideline,

The EUT is considered as a mobile device according to OET Bulletin 65, Edition 01-01, therefore distance to human body of min. 20cm is determined.

Frequency Band:	88.1MHz-107.9MHz
Device Category:	☐ Portable (< 20cm separation) ☒ Fixed (>20cm separation) ☐ Others :
Exposure Classification:	☐ Occupational/ Controlled exposure ☒ General Population / Uncontrolled exposure
Max. Radiated Emission	45.17dBuV/m
Max. Output Power	0.00000065mW
Antenna Gain	-2.0dBi
Evaluation Applied:	☒ MPE Evaluation ☐ SAR Evaluation

MPE calculation:

The radiated (EIRP) = 0.00000065mW

The power density at 20cm from the antenna: $= \text{EIRP} / 4\pi R^2 < 0.2 \text{ mW/cm}^2$

Limits for General Population/Uncontrolled Exposure [OET Bulletin 65, Edition 01-01]:

Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/cm ²)	Averaging Time E ² , H ² or S (minutes)
0.3-1.34	614	1.63	(100)*	30
1.34-30	824/f	2.19/f	(180/f ²)*	30
30-300	27.5	0.073	0.2	30
300-1500	--	--	f/1500	30
1500-100,000	--	--	1.0	30