



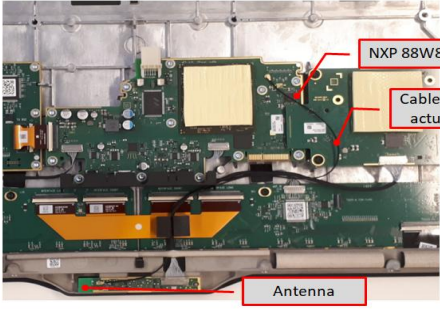
CarUX
Technology Pte. Ltd.

Version	3
Info Source:	Supplier Garmin
Model	PADI 31.3
Date	28 January 2022
Company	Carux UX, "an Innolux subsidiary"
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BT Antenna Gains

Frequency (MHz)	Gain (dBi)
2400	-4.5272
2405	-4.09892
2410	-3.90772
2415	-3.9867
2420	-3.89634
2425	-3.56221
2430	-3.39372
2435	-3.27304
2440	-3.18154
2445	-3.23779
2450	-3.53861
2455	-4.15924
2460	-4.79472
2465	-4.52698
2470	-4.30392
2475	-4.47365
2480	-5.00526
2485	-5.42564

Antenna parameters

Spec Items Antenna	Value
Operating frequency	2400MHz – 2485MHz
Both Peak Average Gain (Although for certification the important one is peak)	Peak = -3.2dBi, Avg = -4.07dBi
Impedance	50 ohms
Input power	Max limit not known, tested for up to 4dBm
Operating temperature	Set same as PADi spec, -40°C / 85°C
Dimensions	Maximum 13 mm x 12 mm
Pictures	 
Installation instructions (if applicable)	N/A. It is an Internal antenna, see picture. No external cable connection or antenna mounting needed.
Radiation plots	