

Manufacturer: TEXA S.p.A.

Name: Oscar Frau

Product: NAVIGATOR TXB 1

Title: Project Handler

FCC ID: T8RTXB124

Signature:



MPE limits (§1.1310)

Mode	Frequency	Duty Cycle	Output Power ⁴	Antenna Gain ⁵	EIRP ¹	EIRP	Distance	PD ²	PD Limit ³	Margin	2.1091 EIRP Limit ⁶	2.1091 EIRP Margin	PD/PD Limit
	MHz	%	dBm	dBi	dBm	mW	cm	mW/cm^2	mW/cm^2	dB	mW	dB	
BT	2402.0	100	-12.9	1.7	-11.2	0.076	20	0.000015	1.000	48.21	1	11.20	0.00002

¹EIRP = (Power dBm + Antenna Gain dBi) + 10 x Log (Duty Cycle % / 100)

²PD = EIRP / (4xπxD²)

³CFR 47 Part 1, §1.1310(e), Table 1.

⁴See FCC ID:T8RTXB124, test report n. REP072051, Table 8.5 1.

⁵See antenna datasheet.

⁶1.1307 (b)(3)(i)(A) exemption limit: the available maximum time-averaged power is no more than 1 mW, regardless of separation distance.