

COMPANY: Inventis Srl

FCC ID: 2AVOO-RE1RA

IC: 25857-RE1RA

MPE limits for FCC, 1.1310

	Mode	Frequency MHz	Duty Cycle %	Power ¹ dBm	Antenna	EIRP ³ dBm	EIRP mW	Distance D cm	PD ⁴ mW/cm^2	PD Limit mW/cm^2	Margin dB	2.1091 EIRP	2.1091 EIRP	PD/PD Limit
					Gain ² dBi							Limit mW	Margin dB	
BASE UNIT LEFT	BT Classic	2440	100	-8,0	0,5	-7,50	0,2	20	0,00004	1,00	44,5	N/A	N/A	0,00004
BASE UNIT RIGHT	BT Classic	2480	100	-7,5	0,5	-7,00	0,2	20	0,00004	1,00	44,0	N/A	N/A	0,00004
FCC Co-Location =			0,00004	+	0,00004	=	0,00008	< 1						

MPE limits for Innovation, Science and Economic Development Canada, RSS-102 Issue 5

	Mode	Frequency MHz	Duty Cycle %	Power ¹ dBm	Antenna	EIRP ³ dBm	EIRP W	Distance D m	PD ⁴ W/m^2	PD Limit W/m^2	Margin dB	RSS 102	RSS 102	PD/PD Limit
					Gain ² dBi							§2.5.2 Lim. W	§2.5.2 Marg. dB	
BASE UNIT LEFT	BT Classic	2440	100	-8,0	0,5	-7,50	0,0002	0,2	0,0004	5,41	41,8	2,705	41,82	0,00007
BASE UNIT RIGHT	BT Classic	2480	100	-7,5	0,5	-7,00	0,0002	0,2	0,0004	5,47	41,4	2,736	41,37	0,00007
Canada Co-Location =			0,00007	+	0,00007	=	0,00014	< 1						

¹TR: 381371-4TRFWL, p.40

²2.4 GHz Mini Antenna SMT P/N 2450AT18B100 manufactured by Johanson Technology (381371-4TRFWL, p.7)

³EIRP = (Power dBm + Antenna Gain dBi) + 10 x Log (Duty Cycle % / 100), calculated for the BT Classic radio interface

⁴PD = EIRP / (4 π r²)