

FCC 1.1310

	Frequency	Power (EIRP)	Antenna Gain	EIRP	EIRP	Distance D	PD	Limit	Margin	PD/Limit
	MHz	dBm	dBi	dBm	mW	cm	mW/m ²	mW/cm ²	dB	
1	6489.6	-15.55	0	-15.5	0.0279	20	0.0000555	1	52.6	0.0000555
2	2462	22.90	0	22.9	195	20	0.0388	1	14.1	0.0388

PD=EIRP/(4πrD²)

CANADA RSS-102

	Frequency	Power (EIRP)	Antenna Gain	EIRP	EIRP	Distance D	PD	Limit	Margin	PD/Limit	Exemption Limit EIRP
	MHz	dBm	dBi	dBm	W	m	W/m ²	W/m ²	dB		W
1	6489.6	-15.55	0	-15.5	0.0000279	0.20	0.0000555	10	52.56	0.0000555	5
2	2462	22.9	0	22.9	0.195	0.20	0.388	5.44	11.5	0.0713	2.72

PD=EIRP/(4πrD²)

1 FCC ID: 2AP77PLURITAG : 24070-PLURITAG
 EIRP was calculated from 51.18 dBuV/m in 1 MHz RBW and adding a correction factor of 10 Log (99% BW), ref: p18, 24 of 357553-1TRFWL (FCC 15.250 and RSS-210 TOF RTLS) -READER

2 FCC ID: 2ABCB-RPI32 IC: 20953-RPI32
 EIRP was calculated from 118.89 mW ERP, this is 10 Log (118.89) + 2.15 = 22.90 dBm, ref: TRA-029075-45-00B Raspberry PI 3 Wifi FCC part 1

FCC colocation =	0.0000555	+	0.0388	=	0.0388	< 1
Canada colocation =	0.0000555	+	0.0713	=	0.0713	< 1