

MANUFACTURER: CDVI Wireless Spa

TEST ENGINEER: Genci Tepelena

PRODUCT: Remote control

Signature:



Model: USAutomatic 50551

FCC ID : PWJRKPU

Date: February 9, 2021



MPE limits (§1.1310)

Mode	Frequency	Duty Cycle	Antenna			EIRP ¹	Distance			Margin	2.1091 EIRP	2.1091 EIRP	PD/PD
			Power ⁶	Gain ⁷			D	PD ²	PD Limit ³		Limit	Margin	Limit
	MHz	%	dBm	dBi	dBm	mW	cm	mW/cm^2	mW/cm^2	dB	mW	dB	
433 MHz	433.92	100	-10.5	0	-10.5	0.0891	20	0.0000177	0.289	42.13	note 8	-	-

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

Mode	Frequency	Duty Cycle	Antenna		EIRP ¹	EIRP	Distance		PD ²	PD Limit ⁴	Margin	RSS 102	RSS 102	PD/PD	
			Power ⁶	Gain ⁷			D	PD ²				\$2.5.2 Lim. ⁵	\$2.5.2 Marg.		Limit
			dBm	dBi			m	W/m^2				W	dB		
xxx	433.92	100	-10.5	0	-10.5	0.000	0.2	0.0001773	1.66	39.72	0.831	39.70	0.0001067		

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

²PD = EIRP / (4xπxD²)

³CFR 47 Part 1, §1.1310(e), table 1

⁴RSS 102 §4, table 4

⁵RSS 102 §2.5.2

⁶Test Report n. 425357TRFWL, p. 20

⁷Test Report n. 425357TRFWL, integral antenna (considered in the EIRP value misured)

⁸§2.1091, (c)(3) All other mobile and unlicensed transmitting devices are categorically excluded from routine environmental evaluation for RF exposure prior to equipment authorization or use, except as specified in §§1.1307(c) and 1.1307(d) of this chapter.