MANUFACTURER: CDVI Wireless Spa

PRODUCT: Remote control

Model: USAutomatic 50551

FCC ID : PWJRKPU

TEST ENGINEER: Genci Tepelena

Signature: 

Date: February 9, 2021

MPE limits (§1.1310)

Mode	Frequency	Duty Cycle	Power[6]	Antenna Gain[7]	EIRP[1]	EIRP	Distance D	PD[2]	PD Limit[3]	Margin	2.1091 EIRP Limit	2.1091 EIRP Margin	PD/PD 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	Power[6]	Antenna Gain[7]	EIRP[1]	EIRP	Distance D	PD[2]	PD Limit[4]	Margin	RSS 102 §2.5.2 Lim.[5]	RSS 102 §2.5.2 Marg.	PD/PD Limit
	MHz	%	dBm	dBi	dBm	W	m	W/m^2	W/m^2	dB	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

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

[2]PD = EIRP / ($4x\pi xD^2$)

[3]CFR 47 Part 1, §1.1310(e), table 1

[4]RSS 102 §4, table 4

[5]RSS 102 §2.5.2

[6]Test Report n. 425357TRFWL, p. 20

[7]Test 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.