

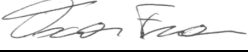
MANUFACTURER: Eurotech SpA

TEST ENGINEER: Oscar Frau

PRODUCT: REGATE-10-12-GS04

Title: Project handler

FCC ID: UKMMRG1012

Signature: 



MPE limits (§1.1310)

Mode	Frequency MHz	Duty Cycle %	Power ⁶ dBm	Antenna		Distance				Margin dB	2.1091 EIRP	2.1091 EIRP	PD/PD Limit	Worst PD/PD values to be considered
				Gain ⁷ dBi	EIRP ¹ dBm	EIRP mW	D cm	PD ² mW/cm ²	PD Limit ³ mW/cm ²		Limit mW	Margin dB		
LTE	699	100	25	1,8	26,8	479	20	0,095	0,466	6,90	1,151	-26,19	0,20434	
LTE	777	100	25	1,8	26,8	479	20	0,095	0,518	7,36	1,238	-25,87	0,18382	
WCDMA-LTE	824	100	25	1,8	26,8	479	20	0,095	0,549	7,61	1,288	-25,70	0,17334	0,20434
WCDMA-LTE	1710	100	25	2,6	27,6	575	20	0,114	1,000	9,41	2,122	-24,33	0,11448	
WCDMA-LTE	1850	100	25	2,6	27,6	575	20	0,114	1,000	9,41	2,239	-24,10	0,11448	
BT	2402	100	4,3	3,2	7,5	6	20	0,001	1,000	29,51	2,676	-3,22	0,00112	0,01617
WIFI	2462	100	15,9	3,2	19,1	81	20	0,016	1,000	17,91	2,722	-14,75	0,01617	
WIFI	5180	100	12,6	4,6	17,2	52	20	0,010	1,000	19,81	4,525	-10,64	0,01044	0,01044
WIFI	5745	100	10,7	4,6	15,3	34	20	0,007	1,000	21,71	4,857	-8,44	0,00674	

FCC Co-Location = 0,23095 < 1

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

²PD = EIRP / (4xπxD²)

³CFR 47 Part 1, §1.1310(e), table 1

⁶Maximum conducted output power (per tune-up), DEKRA testing and Certificaiton, 09/12/2018, RF exposure analysis, Model: LE910C-NF, FCC ID: R17LE910CXNF, IC: 5131A-LE910CXNF Test Report n. 409346-1TRFWL , 409346-2TRFWL , 409346-3TRFWL , 409346-4TRFWL and 409346-5TRFWL

⁷The EUT has two antenna configuration. Antenna with the greatest gain has been considered