
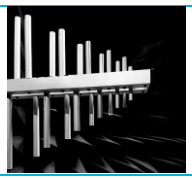
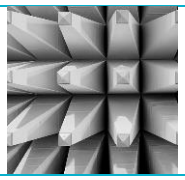

SAR Test exemption documentation according to CFR 47 §1.1307

Report identification number: 1-3692/21-01-05 Exemption (FCC)

contains the module with the following certification numbers	
FCC ID	2AJRSIRTTAU

This test report is electronically signed and valid without handwritten signature. For verification of the electronic signatures, the public keys can be requested at the testing laboratory.

Document authorised:

Thomas Vogler
Lab Manager
Radio Communications & EMC

cn=Thomas Vogler, o=CTC advanced GmbH, ou=VOG-211118, email=thomas.vogler@ctcadvanced.com, c=DE
2022.03.30 14:12:15 +02'00'

Marco Scigliano
Testing Manager
Radio Communications & EMC

cn=Marco Scigliano, o=CTC advanced GmbH, ou=SCI-211118, email=marco.scigliano@ctcadvanced.com, c=DE
2022.03.30 14:00:22 +02'00'

EUT technologies:

Technology	Conducted	Antenna gain	E.I.R.P.	Declared E.I.R.P.	References
915 MHz Proprietary	**-5.0 dBm**	-6.0 dBi	84.2 dBuV/m@3m = -11.0 dBm	-11.0 dBm	A + C
Wideband 6.2 to 6.8 GHz	-45.0 dBm/MHz = 0.0316 µW **OP over complete BW:** 0.0316 µW x 652.5 MHz = 20.6 µW **= -16.9 dBm**	1.5 dBi	-43.0 dBm/MHz = 0.05 µW OP over complete BW: 0.05 µW x 652.5 MHz = 32.6 µW	-41.3 dBm/MHz = 0.07413 µW OP over complete BW: 0.07413 µW x 652.5 MHz = 48.4 µW = -13.5 dBm	B + D

NOTE: Highest values are marked in bold

Details and origins of the measurements shown in the table above:

#	Results from:		Additional information
A	1-3692/21-01-03	CTC Advanced GmbH	--
B	1-3692/21-01-09	CTC Advanced GmbH	--
C	Antenna datasheet 915 MHz	ABRACON	--
D	Antenna datasheet UWB	JOHANSON	--

Declared minimum safety distance: 0 cm

Blanket test exemption according CFR 47 §1.1307:

§1.1307(b)(3)(i)(A) – A single RF source is exempt if the available maximum time-averaged power is **no more than 1 mW**, regardless of separation distance.
(Applicable from 100 kHz to 100 GHz)

Collocation:

Overview:

Technology , [MHz]	915 MHz proprietary	WB , 6200
Limit [mW]:	1	1
Result worst case [mW]:	0.32	0.0000484
Limit-Exhaustion	0.32	0.000048

Collocation-Scenario:

Scenario 1:
ALL Active = 32.0048 % of Limit

This prediction demonstrates the following:

The power density levels for FCC that are larger than the minimum safety-distances stated above, are below the maximum levels allowed by regulations.