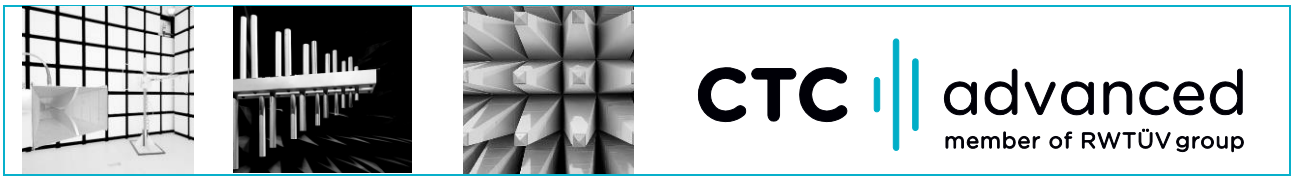

Bundesnetzagentur

BNetzA-CAB-02/21-102

Deutsche Akkreditierungsstelle D-PL-12076-01-04

RF Exposure Evaluation according to KDB 447498 D01 v06

Report identification number: 1-4593/22-01-08_MPE_FCC

Certification numbers and labeling requirements	
FCC ID	OAYSRR6A

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1. MPE at given distance (KDB 447498 D01 General RF Exposure Guidance v06)

Equation from page 18 of OET Bulletin 65, Edition 97-01

$S = PG / 4\pi R^2$

where: S = Power density
P = Power input to the antenna
G = Antenna gain
R = Distance to the center of radiation of the antenna
PG = Output Power including antenna gain

The table below is excerpted from Table 1B of 47 CFR 1.1310 titled “Limits for Maximum Permissible Exposure (MPE), Limits for General Population/Uncontrolled Exposure”

Frequency Range (MHz)	Power Density (mW/cm²)	Averaging Time (minutes)
300 -1500	f/1500	30
1500 - 100000	1.0	30

where f = Frequency (MHz)

2. EUT technologies

Declared minimum safety distance: **20 cm**

SRD Technology	Frequency [MHz]		Reference	Output Power [dBm]			Power Density [mW/cm²]		Share of Limit
	f_{Min}	f_{Max}	#	P_{ERP}	P_{EIRP}	$P_{RF\ Exp}$	S_{Result}	S_{Limit}	%
Radio 76 to 77 GHz	76000	77000	A	N/A	23.75	**23.8**	**0.05**	**1.00**	**4.72%**

Referenced Documents:

#	Results from:
A	Test Report 1-4593/22-01-03

3. Conclusion

This prediction demonstrates the following:
The power density levels for FCC at a distance of 20 cm are below the maximum levels allowed by regulations.

Conclusion: RF exposure evaluation is not required.