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TAKING CONTROL FORWARD

RF Exposure Evaluation according to KDB 447498 D01 v06

Certification numbers and labeling requirements	
FCC ID	AHV-CTAG

MPE at given distance (KDB 447498 D01 General 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

Frequency Range (MHz)	Power Density (mW/cm^2)	Averaging Time (minutes)
1500 - 100000	1.0	30

where f = Frequency (MHz)

EUT technology

Declared minimum safety distance: 20 cm

SRD Technology	Frequency [MHz]		Reference	Output Power [dBm]			Output Power [mW/cm^2]		Share of Limit
	f_{Min}	f_{Max}	#	P_{ERP}	P_{EIRP}	$P_{RF\ Exp}$	S_{Result}	S_{Limit}	%
Bluetooth LE	2402	2480	A	N/A	9.1	9.1	0.0016	1.00	0.16%

Referenced Documents:

#	Results from:
A	Test Report: 1-7878-24-01-05_TR1-R02 & 1-7878-24-01-02_TR1-R01

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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.

Document authorized:

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