
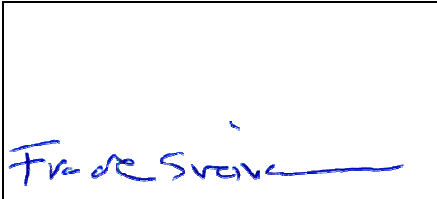


RF Exposure Assessment

Product	DECT Base Station	
Name and address of the applicant	Panasonic Corporation of North America Two Riverfront Plaza, 9 th Floor Newark, 07102-5490, NJ, USA	
Name and address of the manufacturer	Panasonic Entertainment & Communication Co., Ltd. 1-10-12 Yagumo-higashi-machi, Moriguchi City, Osaka 570-0021, Japan	
Model	KX-TGE630	
Rating	120 V _{AC} (AC Adaptor)	
Trademark	Panasonic	
Additional information	DECT 6.0	
Evaluated according to	FCC Part 1.1310(e) RF Exposure Assessment FCC KDB 447498 D01 v06 General RF Exposure Guidance	
Order number	PRJ0056190	
Issue date	2024-05-31	
Name and address of the testing laboratory	 Nemko Scandinavia AS Instituttveien 6 2007 Kjeller, Norway www.nemko.com	
	CAB Number: FCC: NO0001 An accredited technical test executed under the Norwegian accreditation scheme	
	 Prepared by [Frode Sveinsen]	
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Revision history

Revision	Date	Comment	Sign
A	2024-05-31	First Edition	FS

GENERAL REMARKS

This report applies only to the sample(s) tested. It is the manufacturer's responsibility to ensure the additional production units of this product are manufactured with identical electrical and mechanical components. The manufacturer is solely responsible for any modifications to the product that could result in non-compliance with the relevant regulations.

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Opinions expressed within this report regarding general assessments and qualifications for PASS or FAIL to the standards limits and requirements, are not part of the current accreditation. Neither are opinions expressed regarding model variants covered by the testing of this report.

1 Exposure Evaluation

1.1 EUT Technical Information

Name	Panasonic
FCC ID	ACJ96NKX-TGE630B
Model/version	KX-TGE630
Hardware identity and/or version	S4
Software identity and/or version	SW407
Operating Modes	DECT 6.0
Type of Power Supply	AC Adaptor (PNLV226)
Device Category	Mobile or Fixed Device
Interfaces	PSTN

Description of Tested Device

The tested EUT is a DECT Base Station with PSTN interface.

1.2 Evaluation Summary

Maximum whole body power density is calculated using formula 3) from OET Bulletin 65 Edition 97-01 (page 19):

$$S = \frac{PG}{4\pi R^2}$$

Where: S = power density
 P = power input to the antenna
 G = power gain of the antenna in the direction of interest relative to an isotropic radiator
 R = distance to the center of radiation of the antenna

Determination of Exemption for Single RF Sources		
Conducted Power including Tune Up Tolerance	20.0	dBm
Antenna Gain	≤ 3	dBi
Separation Distance	20	cm
Frequency Range Evaluated	1925	MHz
Duty Cycle	100	%
Calculated Power Density	0.397	W/m ²
Power density Limit ref. FCC §1.1310(e), Table 1	10.0	W/m ²
Margin on Compliance	14.0	dB
CONCLUSION: THE EVALUATED EUT IS EXEMPTED		

Output Power values are from Nemko test report REP035556.

References

- 1) OET Bulletin 65 Edition 97-01, August 1997
- 2) KDB 447498 D01 General RF Exposure Guidance v06, October 23, 2015
- 3) Code of Federal Regulations, Title 47, FCC §1.1310