EN 62479 Report

Report No.:	SE181227C16
Test Model:	AZ1801
Series Model:	CQ-RZ38A0AN, CQ-RZ38A1AN, CQ-RZ38A2AN,CQ-RZ19A0AN, CQ-RZ19A1AN, CQ-RZ39A0AN, CQ-RZ39A1AN, CQ-RZ39A2AN, CQ-RZ1AA0AN, CQ-RZ1AA1AN, CQ-RZ1AA2AN (Refer to item 2.1 for more detail)
Received Date:	Dec. 27, 2018
Test Date:	Jan. 10 ~ Jan. 12, 2019
Issued Date:	Jan. 17, 2019
Applicant:	Panasonic India Pvt Ltd.
Address:	Plot No.1, State Highway 15, 15A, Village Bid Dadri, Jhajjar-124103 Haryana, India
Manufacture:	Panasonic India Pvt Ltd.
Manufacture's address:	Plot No.1, State Highway 15, 15A, Village Bid Dadri, Jhajjar-124103 Haryana, India
Factory:	Panasonic India Pvt Ltd.
Factory's address:	Plot No.1, State Highway 15, 15A, Village Bid Dadri, Jhajjar-124103 Haryana, India
Issued By:	Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch
Lab Address:	No. 47-2, 14th Ling, Chia Pau Vil., Lin Kou Dist., New Taipei City, Taiwan (R.O.C.)
Test Location:	No. 19, Hwa Ya 2nd Rd., Wen Hwa Vil., Kwei Shan Dist., Taoyuan City 33383, TAIWAN (R.O.C.)

Testing Laboratory
2021

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Release Control Record

Issue No.	Description	Date Issued
SE181227C16	Original release.	Jan. 17, 2019

1 Certificate of Conformity

Product:	Car Audio
Brand:	Panasonic
Test Model:	AZ1801
Series Model:	CQ-RZ38A0AN, CQ-RZ38A1AN, CQ-RZ38A2AN,CQ-RZ19A0AN, CQ-RZ19A1AN, CQ-RZ39A0AN, CQ-RZ39A1AN, CQ-RZ39A2AN, CQ-RZ1AA0AN, CQ-RZ1AA1AN, CQ-RZ1AA2AN (Refer to item 2.1 for more detail)
Sample Status:	Engineering sample
Applicant:	Panasonic India Pvt Ltd.
Test Date:	Jan. 10 ~ Jan. 12, 2019
Standards:	EN 62479:2010

The above equipment has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's RF characteristics under the conditions specified in this report.

Prepared by : _____ , **Date:** Jan. 17, 2019

Polly Chien / Specialist

Approved by : _____ , **Date:** Jan. 17, 2019

Bruce Chen / Project Engineer

2 General Information

2.1 General Description of EUT

Product	Car Audio
Brand	Panasonic
Test Model	AZ1801
Series Model	CQ-RZ38A0AN, CQ-RZ38A1AN, CQ-RZ38A2AN,CQ-RZ19A0AN, CQ-RZ19A1AN, CQ-RZ39A0AN, CQ-RZ39A1AN, CQ-RZ39A2AN, CQ-RZ1AA0AN, CQ-RZ1AA1AN, CQ-RZ1AA2AN
Model Difference	For marketing purpose
Sample Status	Engineering sample
Nominal Voltage	12Vdc (Power Supply)
Normal Testing Voltage	12Vdc
Temperature Operating Range	-30~65℃
Modulation Type	GFSK, π/4-DQPSK, 8DPSK
Modulation Technology	FHSS
Transfer Rate	1/2/3Mbps
Operating Frequency	2402~2480MHz
Number of Channel	79
Adaptive/Non-Adaptive	☐ non-adaptive Equipment ☒ adaptive Equipment without the possibility to switch to a non-adaptive mode ☐ adaptive Equipment which can also operate in a non-adaptive mode
EIRP Power (Measured Max. Average)	-2.04dBm
Antenna Type	Pattern antenna with -1.8dBi
Antenna Connector	NA
Accessory Device	NA
Cable Supplied	NA

3 RF Exposure Measurement

3.1 Introduction

This International Standard provides simple conformity assessment methods for low-power electronic and electrical equipment to an exposure limit relevant to electromagnetic fields (EMF). If such equipment cannot be shown to comply with the applicable EMF exposure requirements using the methods included in this standard for EMF assessment, then other standards, including IEC 62311 or other (EMF) product standards, may be used for conformity assessment. This European Standard supersedes EN 50371:2002.

3.2 Compliance Criteria

Compliance of electromagnetic emissions from electronic and electrical equipment with the basic restrictions usually is determined by measurements and, in some cases, calculation of the exposure level. If the electrical power used by or radiated by the equipment is sufficiently low, the electromagnetic fields emitted will be incapable of producing exposures that exceed the basic restrictions. This standard provides simple EMF assessment procedures for this low power equipment.

Any relevant compliance assessment procedure which is consistent with the state of the art, reproducible and gives valid results can be used.

For transmitters intended for use with more than one antenna configuration option, the combination of transmitter and antenna(s) which generates the highest available antenna power and/or average total radiated power shall be assessed.

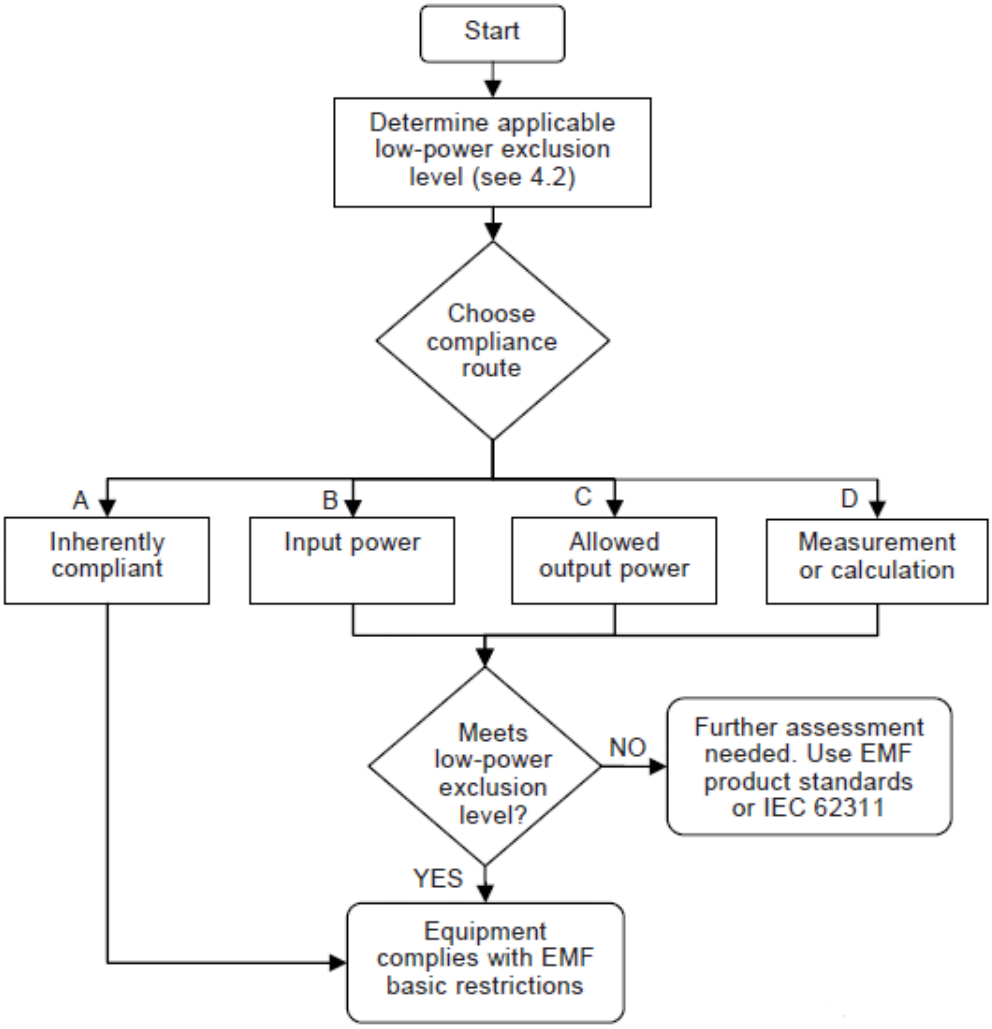
3.3 Normative Reference

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

Publication	Year	Title	EN/HD	Year
IEC 62311 (mod)	-	Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz -300 GHz)	EN 62311: 2008	-

NOTE: When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

3.4 Routes To Show Compliance With Low-Power Exclusion Level



3.5 Test Results

Calculation for maximum E.I.R.P

Mode	EIRP (dBm)	EIRP (mW)	Low-Power Exclusion Level (mW)	Pass / Fail
Bluetooth EDR 2402~2480MHz	-2.04	0.625	20	Pass

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