



Wireless Device Over the Air Performance Test Report

REPORT NO.	OQ392008
APPLICANT	: Leica Camera AG
MANUFACTURER	: Dongguan Hua Bao Electronics Technology Co., Ltd.
EQUIPMENT	: Remote Control Transmitter
DATE OF RECEIPT	: July 27, 2023
DATE OF TEST	: July 27, 2023
ISSUE DATE	: October 31, 2023

Reviewed by:


SPORTON LAB.

Tim Kao / Vice Manager

We, SPORTON INTERNATIONAL INC., would like to declare that the tested sample has been evaluated in accordance with the procedures and shown the compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC., the test report shall not be reproduced except in full.

The declared product specification for EUT presented in this report is provided by the manufacturer / applicant, and the manufacturer / applicant takes all the responsibilities for the accuracy of product specification.

SPORTON INTERNATIONAL INC.



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Revision History

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
OQ392008	1.0	Initial issue of report	October 31, 2023

1. Test Laboratory

Test Site	Sporton International Inc. Wensan Laboratory
Telephone Number	TEL: +886-3-327-0838; FAX: +886-3-327-0855
Address	No.58, Aly. 75, Ln. 564, Wenhua 3rd Rd., Guishan Dist., Taoyuan City 333, Taiwan
Chamber	☒ OTA07-HY ☐ OTA08-HY ☐ OTA10-HY

☒ : The chamber(s) which used to perform the test in this test report.

2. Client Information

2.1 Applicant

Company Name	Leica Camera AG
Address	Am Leitz-Park 5, 35578 Wetzlar, Germany
Contact Person	Sven R. Mueller / info@leica-camera.com
Telephone Number	49-6441-2080-0

2.2 Manufacturer

Company Name	Dongguan Hua Bao ELECTRONICS TECHNOLOGY CO., LTD.
Address	No. 1, Fumin Road, Xitou Management Zone, Houjie Town, Dongguan City, Guangdong Province , China
Contact Person	Amen Chi / amen_chi@jpcco.com.tw
Telephone Number	TEL: +886-2-8226-3811 FAX: +886-2-8226-3822

3. Equipment Under test(EUT) Information

3.1 Description of EUT

Product Feature & Specification	
EUT Type	Remote Control Transmitter
Brand Name	Leica
Model Name	RCGO1
Antenna Type	PCB



4. Measurement Environment

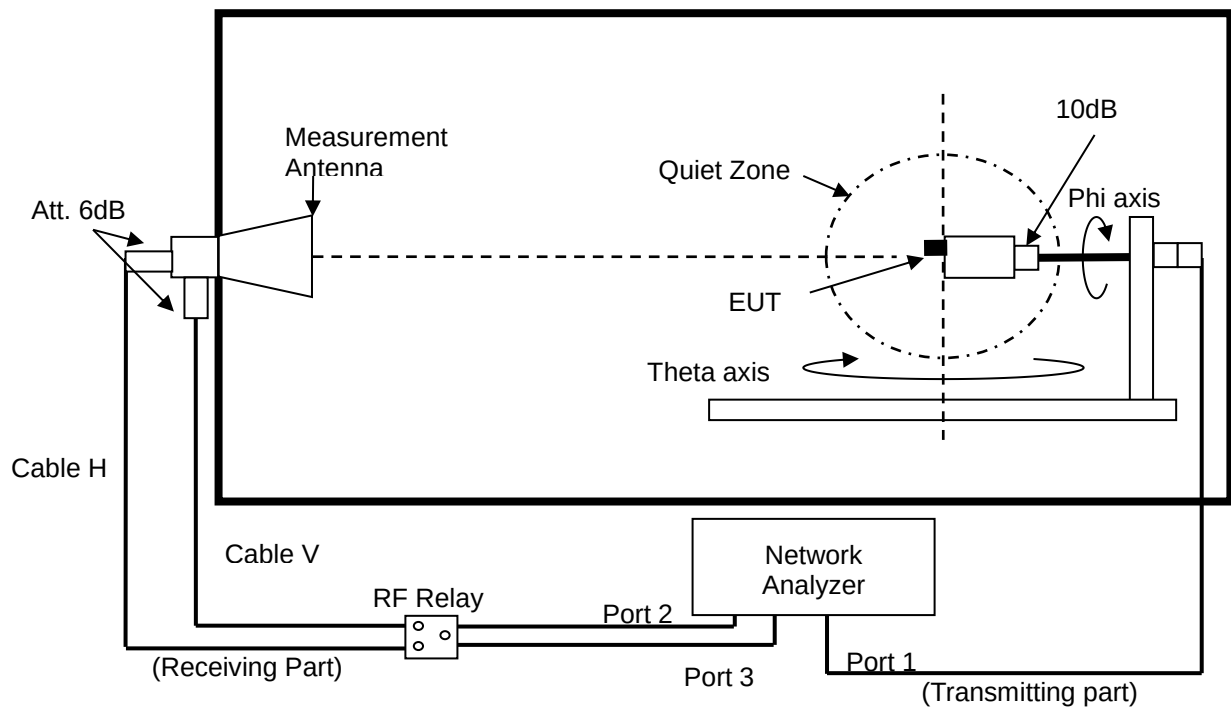
Ambient Condition

Temperature (°C):	25°C +/- 5°C	Humidity (%):	<60%
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Test Equipment List

Name	Manufacturer	Type/Model	Serial Number	Calibration	
				Last Cal.	Due Date
ENA Series Network Analyzer	Keysight	E5071C	MY46100746	2023/07/18	2024/07/17
RF Switch	Keysight	3499A	N/A	NCR	NCR
Multi-Axis Positioner Controller	ETS-Lindgren	2090	N/A	NCR	NCR
Medium-Duty Positioner	ETS-Lindgren	2015	N/A	NCR	NCR
Measurement Horn Antenna	EMCO	3164-08	00102092	NCR	NCR

Passive measurement setup



5. Summary of Test Results

5.1 Declaration

Declaration of Conformity:
The judgment of conformity in the report is based on the measurement results excluding the measurement uncertainty.
Comments and Explanations:
None

5.2 Abbreviations and Definitions

Please note the following abbreviations in this section:

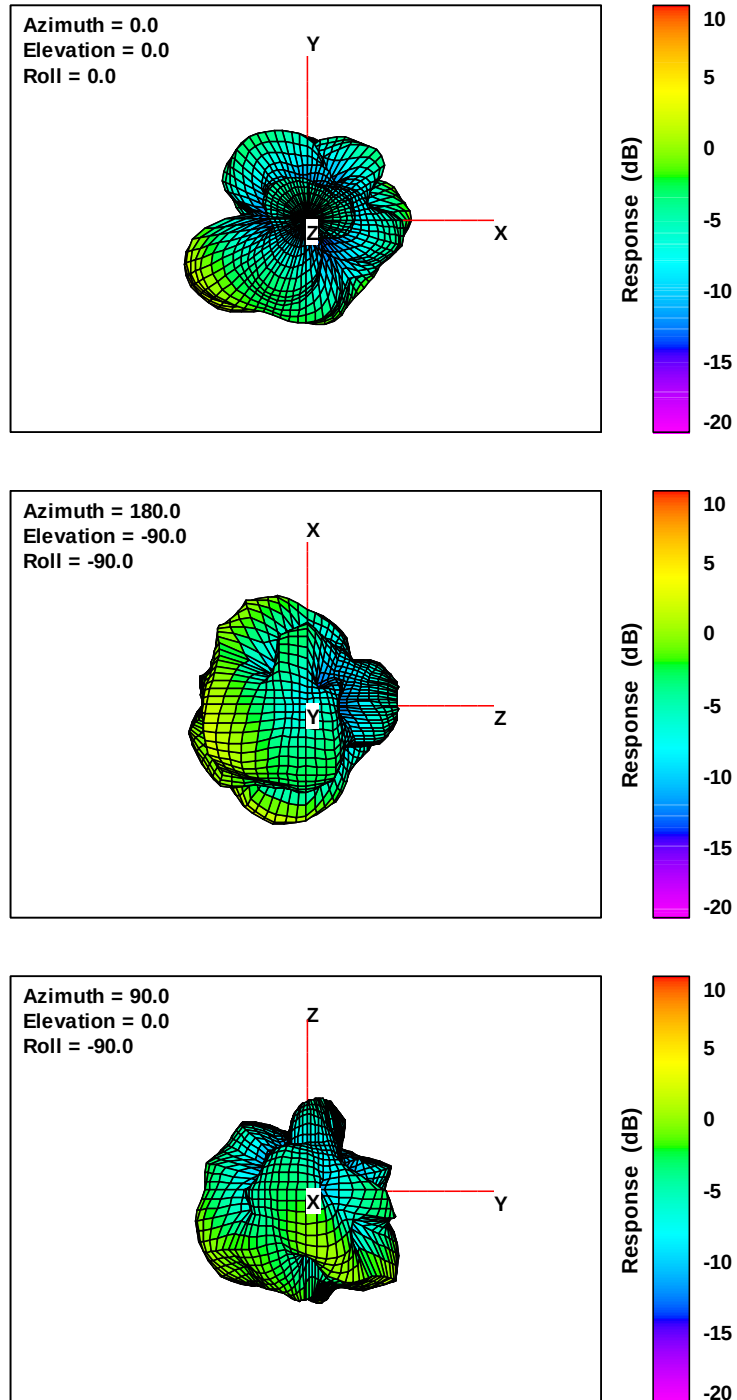
FS = Free Space

5.3 Summary Table

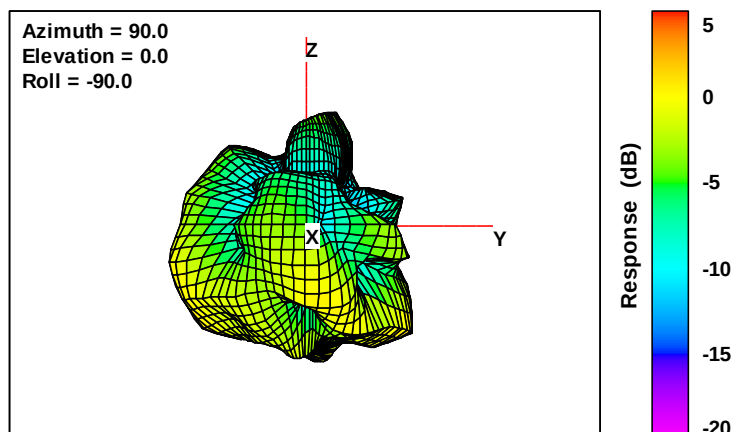
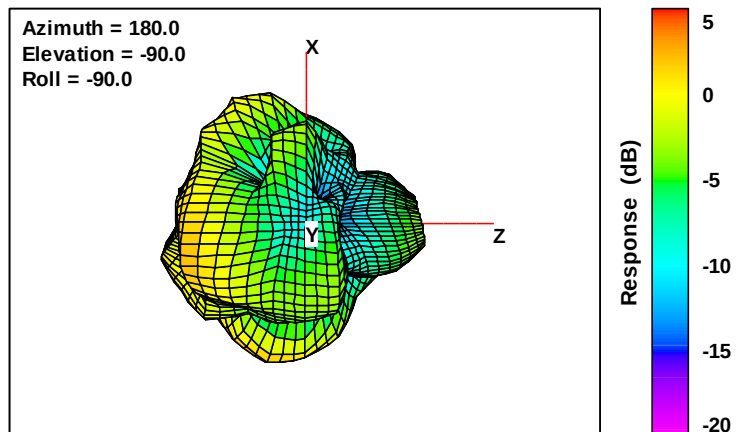
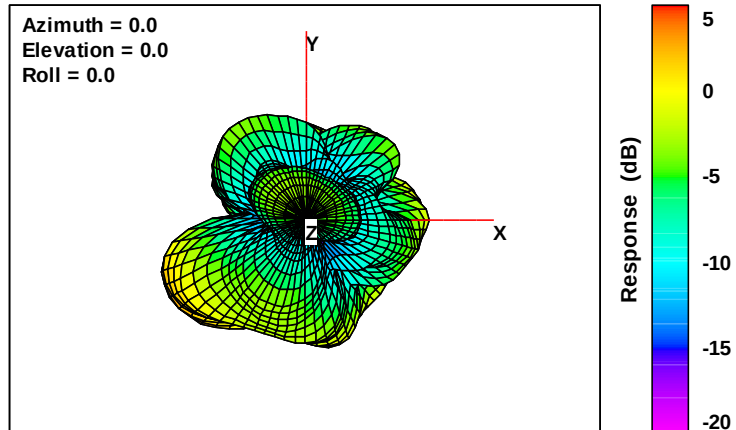
JPC_RW_3D_Gain_FS_2402~2480_Cont15					
Frequency (MHz)	Ant. Port Input Pwr. (dB)	Gain (dBi)	Directivity (dBi)	Efficiency (dB)	Efficiency (%)
2402	0.0	5.05	7.76	-2.72	53.49
2441	0.0	4.84	7.79	-2.95	50.70
2480	0.0	3.77	7.45	-3.68	42.83

Appendix A 3D Pattern

2402MHz



2441MHz



2480MHz

