

FCC Radio Test Report

FCC ID: 2AXLP-BP310MOUNT

Report No. : BTL-FCCP-2-2307T086
Equipment : WIRELESS BARCODE MOUNT
Model Name : BP310(DOCKING)
Brand Name :



Applicant : IGT
Address : International Game Technology
: 9295 Prototype Drive, Reno, Nevada 89521, United States

Radio Function : WPC-Qi (110.5 kHz to 205 kHz)

FCC Rule Part(s) : FCC CFR Title 47, Part 15, Subpart C (15.209)
Measurement Procedure(s) : ANSI C63.10-2013

Date of Receipt : 2023/7/28
Date of Test : 2023/8/16 ~ 2023/8/18
Issued Date : 2024/1/10

The above equipment has been tested and found in compliance with the requirement of the above standards by BTL Inc.

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Declaration

BTL represents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with standards traceable to international standard(s) and/or national standard(s).

BTL's reports apply only to the specific samples tested under conditions. It is manufacture's responsibility to ensure that additional production units of this model are manufactured with the identical electrical and mechanical components. **BTL** shall have no liability for any declarations, inferences or generalizations drawn by the client or others from **BTL** issued reports.

This report is the confidential property of the client. As a mutual protection to the clients, the public and ourselves, the test report shall not be reproduced, except in full, without our written approval.

BTL's laboratory quality assurance procedures are in compliance with the **ISO/IEC 17025** requirements, and accredited by the conformity assessment authorities listed in this test report.

BTL is not responsible for the sampling stage, so the results only apply to the sample as received.

The information, data and test plan are provided by manufacturer which may affect the validity of results, so it is manufacturer's responsibility to ensure that the apparatus meets the essential requirements of applied standards and in all the possible configurations as representative of its intended use.

Limitation

For the use of the authority's logo is limited unless the Test Standard(s)/Scope(s)/Item(s) mentioned in this test report is (are) included in the conformity assessment authorities acceptance respective.

Please note that the measurement uncertainty is provided for informational purpose only and are not use in determining the Pass/Fail results.

CONTENTS

REVISION HISTORY	4
1 SUMMARY OF TEST RESULTS	5
1.1 TEST FACILITY	6
1.2 MEASUREMENT UNCERTAINTY	6
1.3 TEST ENVIRONMENT CONDITIONS	6
2 GENERAL INFORMATION	7
2.1 DESCRIPTION OF EUT	7
2.2 TEST MODES	7
2.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED	8
2.4 SUPPORT UNITS	9
3 AC POWER LINE CONDUCTED EMISSIONS TEST	10
3.1 LIMIT	10
3.2 TEST PROCEDURE	10
3.3 DEVIATION FROM TEST STANDARD	10
3.4 TEST SETUP	11
3.5 TEST RESULT	11
4 RADIATED EMISSIONS TEST	12
4.1 LIMIT	12
4.2 TEST PROCEDURE	12
4.3 DEVIATION FROM TEST STANDARD	12
4.4 TEST SETUP	13
4.5 EUT OPERATING CONDITIONS	13
4.6 TEST RESULT – 9 KHZ TO 30 MHZ	13
4.7 TEST RESULT – 30 MHZ TO 1 GHZ	13
5 20 DB BANDWIDTH	14
5.1 LIMIT	14
5.2 TEST PROCEDURE	14
5.3 DEVIATION FROM TEST STANDARD	14
5.4 TEST SETUP	14
5.5 EUT OPERATING CONDITIONS	14
5.6 TEST RESULT	14
6 LIST OF MEASURING EQUIPMENTS	15
7 EUT TEST PHOTO	16
8 EUT PHOTOS	16
APPENDIX A AC POWER LINE CONDUCTED EMISSIONS	17
APPENDIX B RADIATED EMISSIONS - 9 KHZ TO 30 MHZ	22
APPENDIX C RADIATED EMISSIONS - 30 MHZ TO 1 GHZ	27
APPENDIX D 20 DB BANDWIDTH	30

REVISION HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-2-2307T086	R00	Original Report.	2023/12/28	Invalid
BTL-FCCP-2-2307T086	R01	Revised Typo.	2024/1/10	Valid

1 SUMMARY OF TEST RESULTS

Test procedures according to the technical standards.

Standard(s) Section	Description	Test Result	Judgement	Remark
15.207	AC Power Line Conducted Emissions	APPENDIX A	Pass	-----
15.209	Radiated Emissions	APPENDIX B APPENDIX C	Pass	-----
15.215(c)	20 dB Bandwidth	APPENDIX D	Pass	-----

NOTE:

- (1) "N/A" denotes test is not applicable in this Test Report.
- (2) The report format version is TP.1.1.1.

1.1 TEST FACILITY

The test locations stated below are under the TAF Accreditation Number 0659.

The test location(s) used to collect the test data in this report are:

No. 68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan
(FCC DN: TW0659)

C05 CB08 CB11 SR10 SR11

No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan
(FCC DN: TW0659)

C06 CB21 CB22

1.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement $y \pm U$, where expanded uncertainty U is based on a standard uncertainty multiplied by a coverage factor of $k = 2$, providing a level of confidence of approximately **95 %**. The measurement instrumentation uncertainty considerations contained in CISPR 16-4-2. The BTL measurement uncertainty is less than the CISPR 16-4-2 U_{cispr} requirement.

A. AC power line conducted emissions test:

Test Site	Method	Measurement Frequency Range	U (dB)
C05	CISPR	150 kHz ~ 30 MHz	3.44

B. Radiated emissions below 1 GHz test :

Test Site	Measurement Frequency Range	U (dB)
CB21	0.03 GHz ~ 0.2 GHz	4.17
	0.2 GHz ~ 1 GHz	4.72
	1 GHz ~ 6 GHz	5.21
	6 GHz ~ 18 GHz	5.51
	18 GHz ~ 26 GHz	3.69
	26 GHz ~ 40 GHz	4.23

C. Conducted test :

Test Item	U (dB)
Bandwidth	1.13

NOTE:


Unless specifically mentioned, the uncertainty of measurement has not been taken into account to declare the compliance or non-compliance to the specification.

1.3 TEST ENVIRONMENT CONDITIONS

Test Item	Environment Condition	Test Voltage	Tested by
AC Power Line Conducted Emissions	21 °C, 46 %	AC 120V	Cora Lin
Radiated emissions (9KHz TO 30MHz)	Refer to data	DC 5V	Mark Wang
Radiated emissions (30MHz TO 1000MHz)	Refer to data	DC 5V	Mark Wang
20 dB Bandwidth	23.7°C, 47%	DC 5V	Bard Chueh

2 GENERAL INFORMATION

2.1 DESCRIPTION OF EUT

Equipment	WIRELESS BARCODE MOUNT
Model Name	BP310(DOCKING)
Brand Name	 IGT
Model Difference	N/A
Power Source	Supplied from USB Port.
Power Rating	DC 5V, 1A
Products Covered	N/A
Frequency Range	110.5 KHz ~ 205 KHz
Modulation Technology	ASK
Max H-field strength	81.98dBuV/m
Test Model	BP310(DOCKING)
Sample Status	Engineering Sample
EUT Modification(s)	N/A

NOTE:

(1) The above EUT information is declared by manufacturer and for more detailed features description, please refers to the manufacturer's specifications or user's manual.

(2) Channel List:

Channel	Frequency (KHz)
-	110.5 ~ 205

(3) Table for Filed Antenna:

Antenna	Brand	Part number	Type	Connector	Gain (dBi)
1	Poslab	BP310	Coil	N/A	N/A

The above Antenna information are derived from the antenna data sheet provided by manufacturer and for more detailed features description, please refer to the manufacturer's specifications, the laboratory shall not be held responsible.

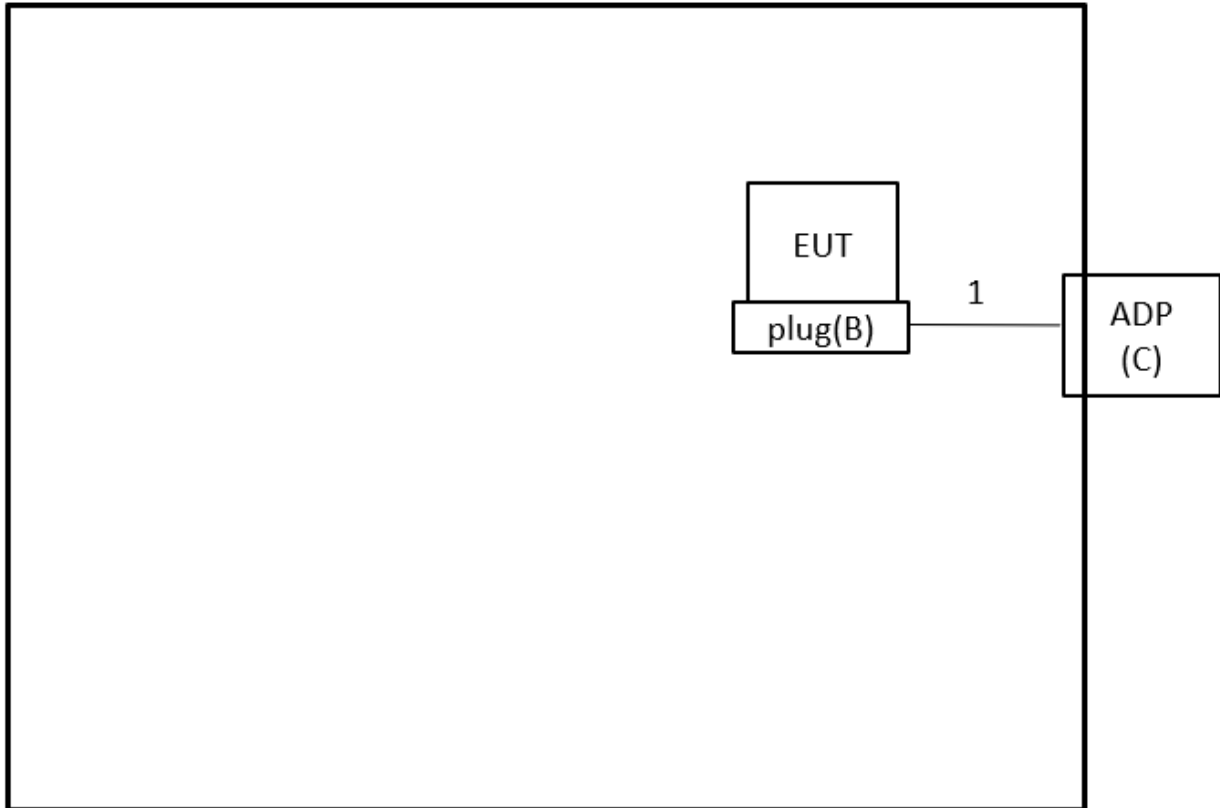
2.2 TEST MODES

Test Items	Test mode	Channel	Note
AC power line conducted emissions	Normal/Idle	-	-
Radiated emissions (9KHz TO 30MHz)	Transmit	-	-
Radiated emissions (30MHz TO 1000MHz)	Transmit	-	-
20 dB Bandwidth	Transmit	-	-

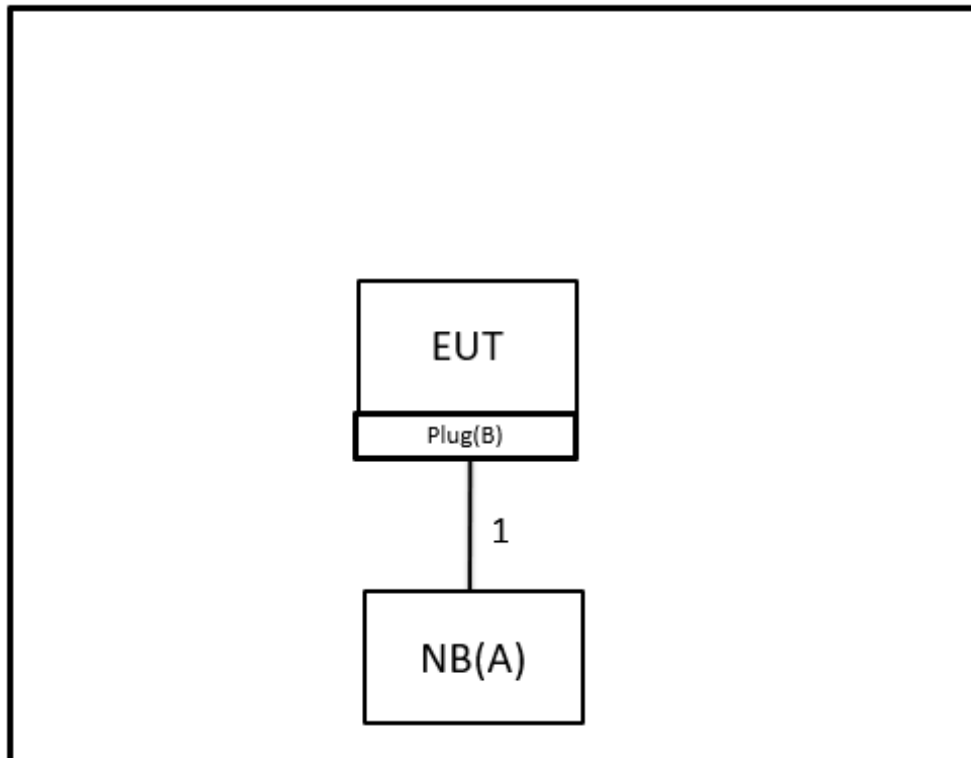
2.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

Equipment letters and Cable numbers refer to item numbers described in the tables of clause 2.4.

AC power line conducted emissions



Radiated Emissions



2.4 SUPPORT UNITS

Item	Equipment	Brand	Model No.	Series No.	Remarks
A	NB	HP	TPN-I119	N/A	Furnished by test lab.
B	plug	N/A	N/A	N/A	Supplied by test requester.
C	ADAPTER	APPLE	R33160RoHS	N/A	Supplied by test requester.

Item	Shielded	Ferrite Core	Length	Cable Type	Remarks
1	NO	NO	1.5m	USB to USB Cable	Furnished by test lab.
2	NO	NO	1.5m	USB to USB A Cable	Supplied by test requester.

3 AC POWER LINE CONDUCTED EMISSIONS TEST

3.1 LIMIT

Frequency (MHz)	Limit (dB μ V)	
	Quasi-peak	Average
0.15 - 0.5	66 - 56 *	56 - 46 *
0.50 - 5.0	56	46
5.0 - 30.0	60	50

NOTE:

- (1) The tighter limit applies at the band edges.
- (2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.
- (3) The test result calculated as following:
 Measurement Value = Reading Level + Correct Factor
 Correct Factor = Insertion Loss + Cable Loss + Attenuator Factor (if use)
 Margin Level = Measurement Value – Limit Value
 Calculation example:

Reading Level		Correct Factor		Measurement Value
38.22	+	3.45	=	41.67

Measurement Value		Limit Value		Margin Level
41.67	-	60	=	-18.33

The following table is the setting of the receiver.

Receiver Parameter	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 KHz

3.2 TEST PROCEDURE

- a. The EUT was placed 0.8 m above the horizontal ground plane with the EUT being connected to the power mains through a line impedance stabilization network (LISN).
 All other support equipment were powered from an additional LISN(s).
 The LISN provides 50 Ohm/50uH of impedance for the measuring instrument.
- b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle to keep the cable above 40 cm.
- c. Excess I/O cables that are not connected to a peripheral shall be bundled in the center.
 The end of the cable will be terminated, using the correct terminating impedance.
 The overall length shall not exceed 1 m.
- d. The LISN is spaced at least 80 cm from the nearest part of the EUT chassis.
- e. For the actual test configuration, please refer to the related Item - EUT TEST PHOTO.

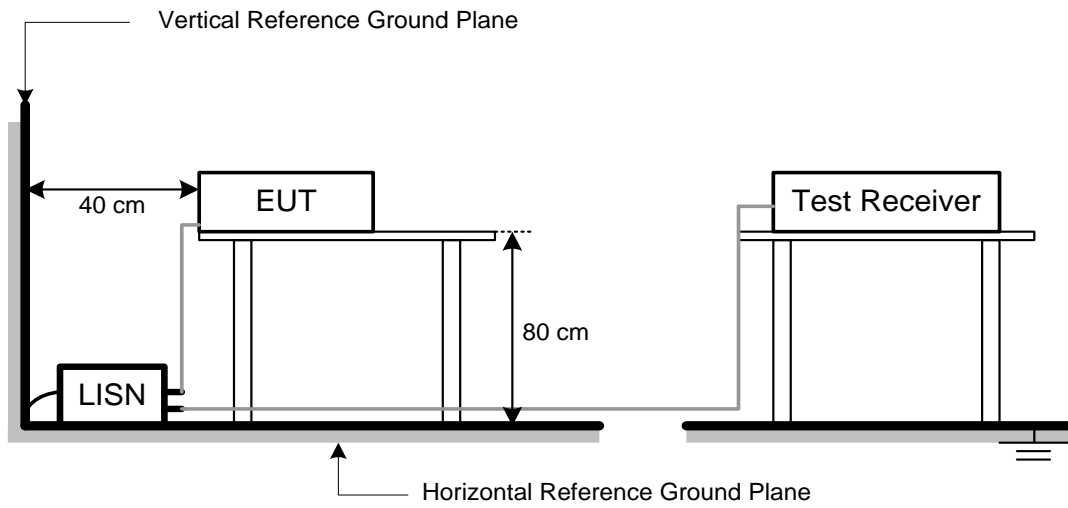
NOTE:

- (1) In the results, each reading is marked as Peak, QP or AVG per the detector used.
 BW=9 kHz (6 dB Bandwidth)
- (2) All readings are Peak unless otherwise stated QP or AVG in column of Note. Both the QP and the AVG readings must be less than the limit for compliance.

3.3 DEVIATION FROM TEST STANDARD

No deviation.

3.4 TEST SETUP



3.5 TEST RESULT

Please refer to the APPENDIX A.

4 RADIATED EMISSIONS TEST

4.1 LIMIT

In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

LIMITS OF RADIATED EMISSION MEASUREMENT(9 kHz-1000 MHz)

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

NOTE:

- (1) The limit for radiated test was performed according to FCC Part 15, Subpart C.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).
- (4) The test result calculated as following:

Measurement Value = Reading Level + Correct Factor

Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain(if use)

Margin Level = Measurement Value - Limit Value

Calculation example:

Reading Level		Correct Factor		Measurement Value
19.11	+	2.11	=	21.22

Measurement Value		Limit Value		Margin Level
21.22	-	54	=	-32.78

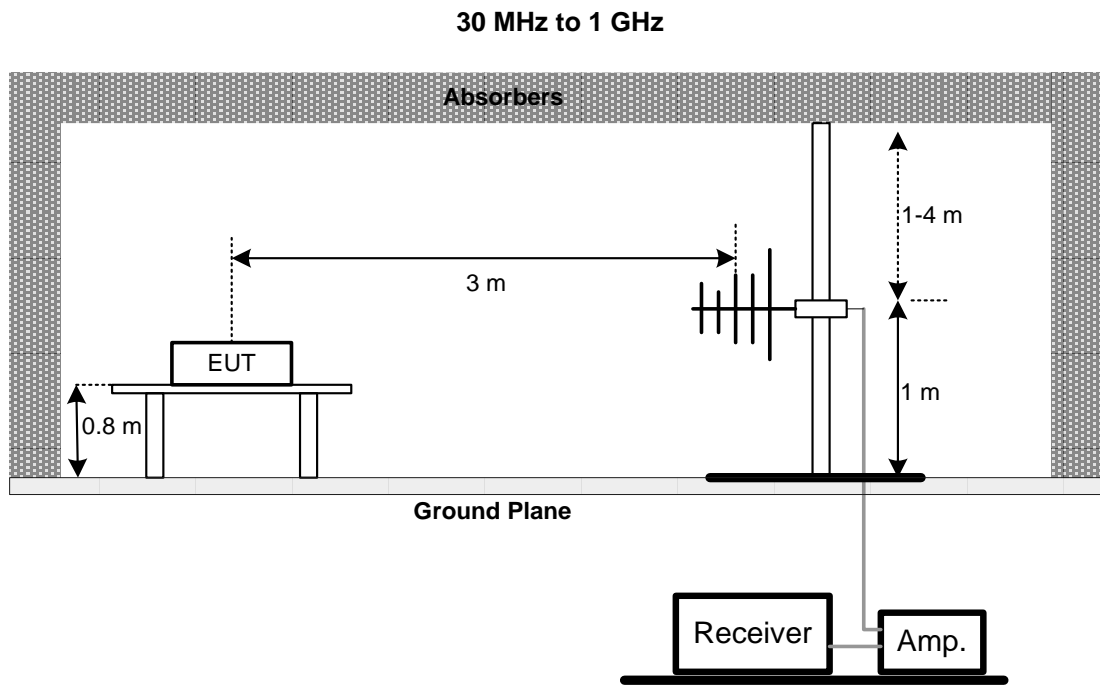
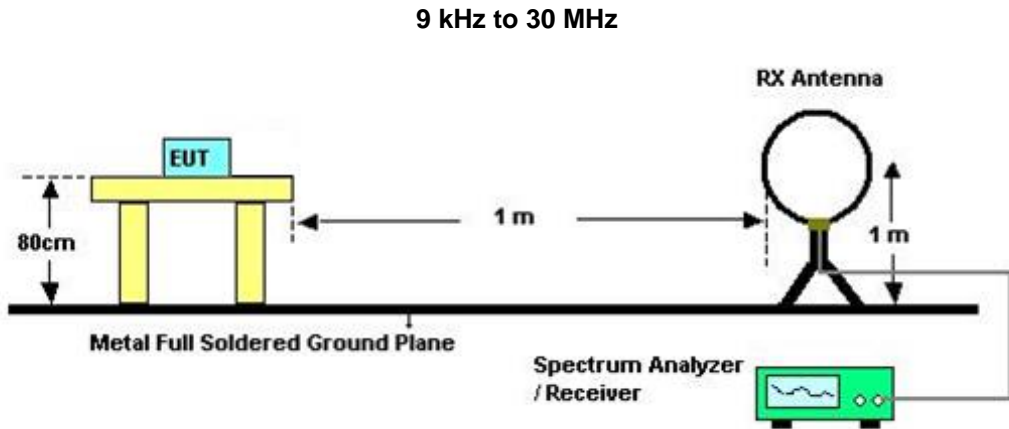
4.2 TEST PROCEDURE

- a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1 GHz)
- b. The height of the equipment or of the substitution antenna shall be 0.8m or 1.5m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- c. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights find the maximum reading (used Bore sight function).
- d. The initial step in collecting radiated emission data is a receiver peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- e. All readings are Peak unless otherwise stated QP in column of Note. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform. (below 1 GHz)
- f. For the actual test configuration, please refer to the related Item – EUT TEST PHOTO.

4.3 DEVIATION FROM TEST STANDARD

No deviation.

4.4 TEST SETUP



4.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

4.6 TEST RESULT – 9 KHZ TO 30 MHZ

Please refer to the APPENDIX B.

4.7 TEST RESULT – 30 MHZ TO 1 GHZ

Please refer to the APPENDIX C.

NOTE:

- (1) No limit: This is fundamental signal, the judgment is not applicable. For fundamental signal judgment was referred to Peak output test.

5 20 DB BANDWIDTH

5.1 LIMIT

N/A

5.2 TEST PROCEDURE

- a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
- b. Spectrum Setting : RBW= 1 kHz, VBW=1 kHz, Sweep time = 20 ms.

5.3 DEVIATION FROM TEST STANDARD

No deviation.

5.4 TEST SETUP



5.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

5.6 TEST RESULT

Please refer to the APPENDIX D.

6 LIST OF MEASURING EQUIPMENTS

AC Power Line Conducted Emissions						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	TWO-LINE V-NETWORK	R&S	ENV216	101521	2022/9/28	2023/9/27
2	Test Cable	EMCI	EMCCFD300-BM-BMR-5000	220331	2023/3/30	2024/3/29
3	EMI Test Receiver	R&S	ESR 7	101433	2022/11/16	2023/11/15
4	Measurement Software	EZ	EZ_EMG (Version NB-03A1-01)	N/A	N/A	N/A

Radiated Emissions						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Preamplifier	EMCI	EMC330N	980850	2022/9/19	2023/9/18
2	Preamplifier	EMCI	EMC001340	980579	2022/9/30	2023/9/29
3	Test Cable	EMCI	EMC104-SM-1000	180809	2023/7/10	2024/7/9
4	Test Cable	EMCI	EMC104-SM-SM-7000	220324	2023/3/14	2024/3/13
5	EXA Signal Analyzer	keysight	N9020B	MY57120120	2023/2/24	2024/2/23
6	Loop Ant	Electro-Metrics	EMCI-LPA600	291	2022/9/19	2023/9/18
7	Log-bicon Antenna	Schwarzbeck	VULB9168	1369	2023/5/9	2024/5/8
8	6dB Attenuator	EMCI	EMCI-N-6-06	AT-06001	2023/5/9	2024/5/8
9	Measurement Software	EZ	EZ_EMG (Version NB-03A1-01)	N/A	N/A	N/A

20 dB Bandwidth Measurement						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Spectrum Analyzer	R&S	FSP 40	100129	2023/3/27	2024/3/26

Remark: "N/A" denotes no model name, no serial no. or no calibration specified.
All calibration period of equipment list is one year.

7 EUT TEST PHOTO

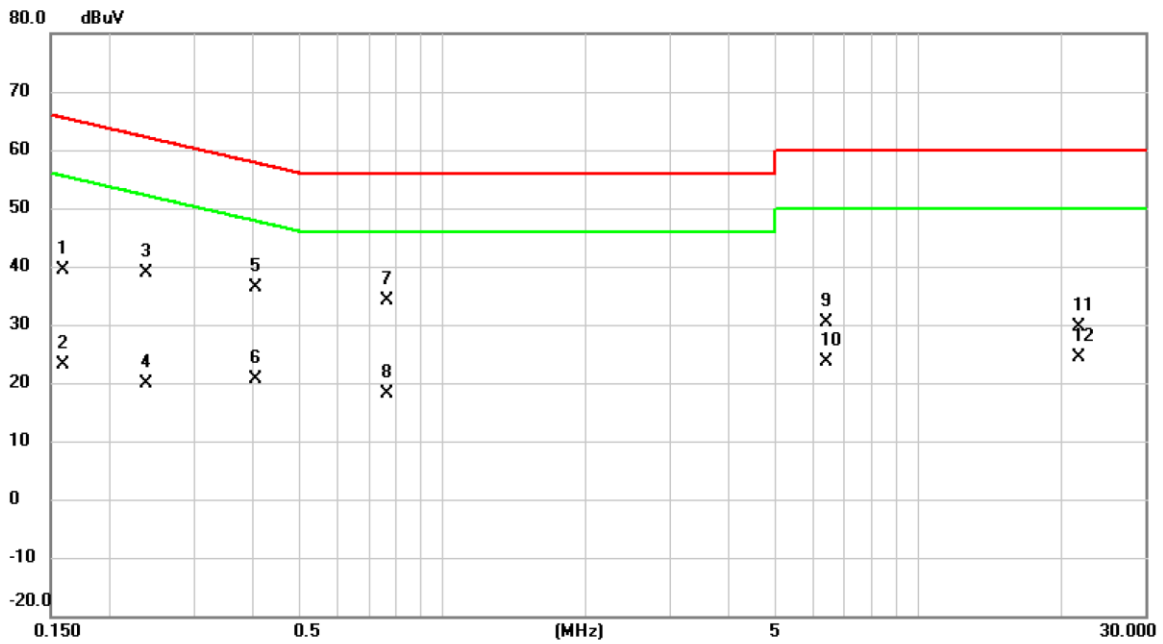
Please refer to document Appendix No.: TP-2307T086-FCCP-1 (APPENDIX-TEST PHOTOS).

8 EUT PHOTOS

Please refer to document Appendix No.: EP-2307T086-1 (APPENDIX-EUT PHOTOS).

APPENDIX A AC POWER LINE CONDUCTED EMISSIONS

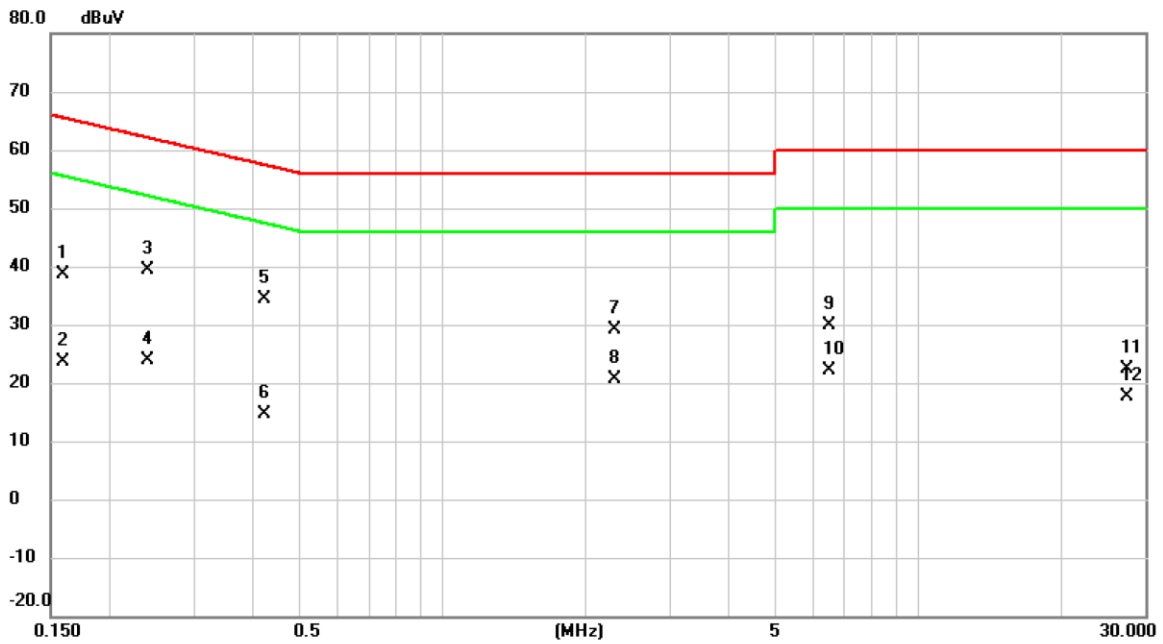
Test Mode	Normal	Tested Date	2023/8/18
Test Frequency	-	Phase	Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.1590	29.73	9.66	39.39	65.52	-26.13	QP	
2		0.1590	13.57	9.66	23.23	55.52	-32.29	AVG	
3		0.2377	29.29	9.64	38.93	62.18	-23.25	QP	
4		0.2377	10.16	9.64	19.80	52.18	-32.38	AVG	
5	*	0.4042	26.63	9.63	36.26	57.77	-21.51	QP	
6		0.4042	11.06	9.63	20.69	47.77	-27.08	AVG	
7		0.7620	24.54	9.63	34.17	56.00	-21.83	QP	
8		0.7620	8.44	9.63	18.07	46.00	-27.93	AVG	
9		6.3982	20.56	9.73	30.29	60.00	-29.71	QP	
10		6.3982	13.79	9.73	23.52	50.00	-26.48	AVG	
11		21.6982	19.77	9.88	29.65	60.00	-30.35	QP	
12		21.6982	14.50	9.88	24.38	50.00	-25.62	AVG	

REMARKS:
 (1) Measurement Value = Reading Level + Correct Factor.
 (2) Margin Level = Measurement Value - Limit Value.

Test Mode	Normal	Tested Date	2023/8/18
Test Frequency	-	Phase	Neutral

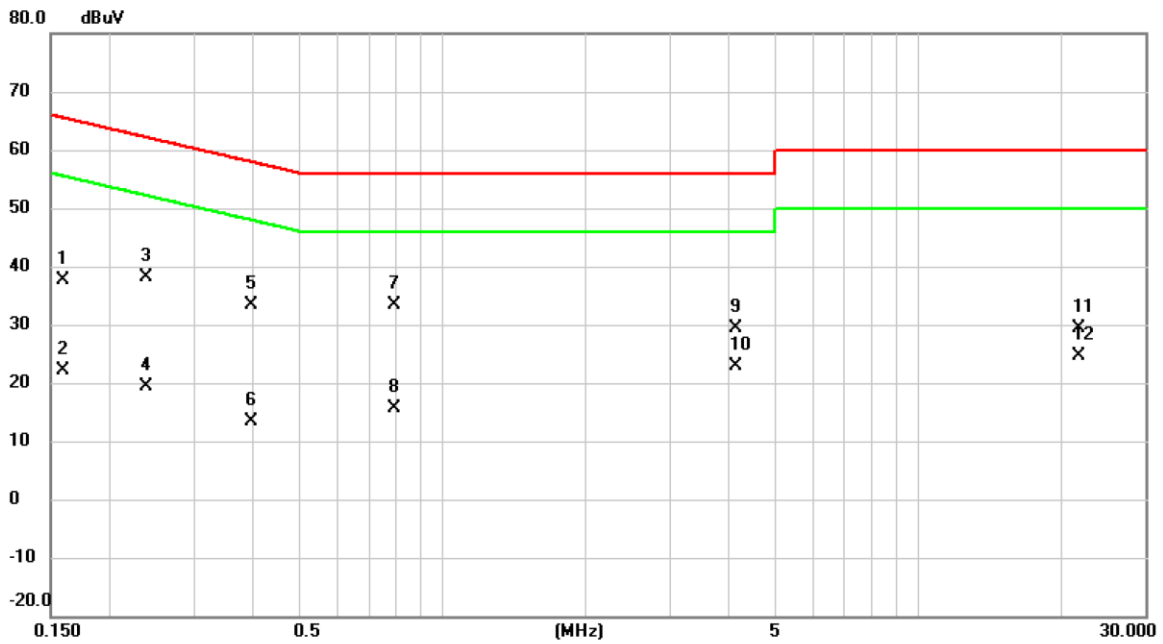


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.1590	28.99	9.67	38.66	65.52	-26.86	QP	
2		0.1590	13.96	9.67	23.63	55.52	-31.89	AVG	
3	*	0.2400	29.62	9.65	39.27	62.10	-22.83	QP	
4		0.2400	14.28	9.65	23.93	52.10	-28.17	AVG	
5		0.4222	24.65	9.64	34.29	57.40	-23.11	QP	
6		0.4222	4.87	9.64	14.51	47.40	-32.89	AVG	
7		2.2988	19.38	9.70	29.08	56.00	-26.92	QP	
8		2.2988	11.00	9.70	20.70	46.00	-25.30	AVG	
9		6.4838	20.01	9.75	29.76	60.00	-30.24	QP	
10		6.4838	12.29	9.75	22.04	50.00	-27.96	AVG	
11		27.4695	12.24	10.14	22.38	60.00	-37.62	QP	
12		27.4695	7.57	10.14	17.71	50.00	-32.29	AVG	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	Idle	Tested Date	2023/8/18
Test Frequency	-	Phase	Line

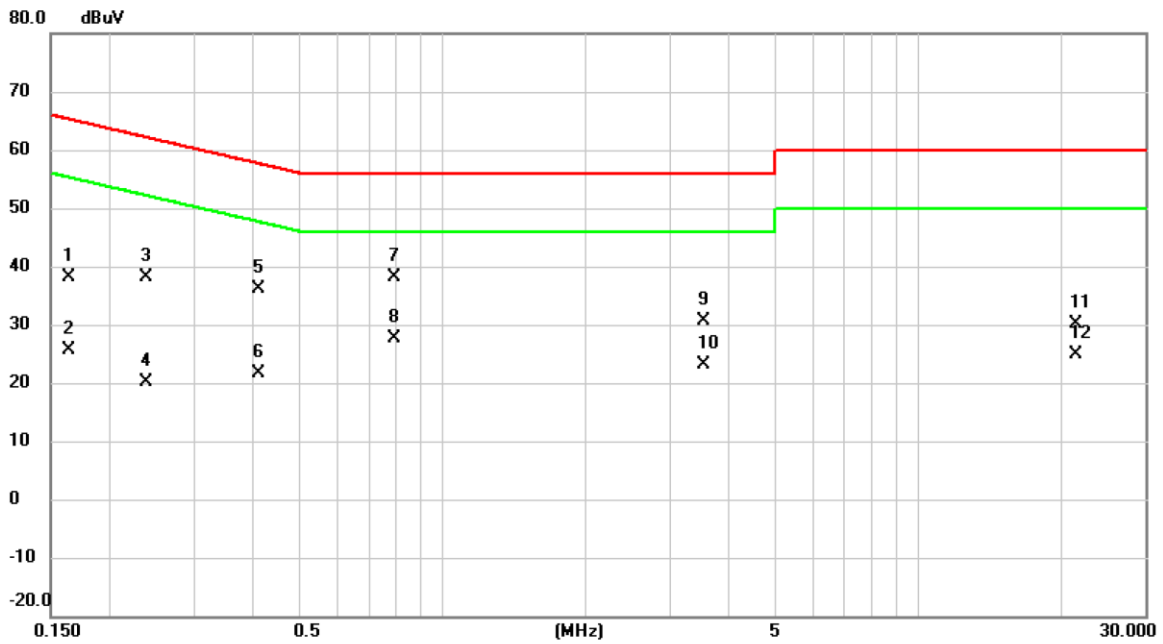


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.1590	27.92	9.66	37.58	65.52	-27.94	QP	
2		0.1590	12.39	9.66	22.05	55.52	-33.47	AVG	
3		0.2377	28.52	9.64	38.16	62.18	-24.02	QP	
4		0.2377	9.85	9.64	19.49	52.18	-32.69	AVG	
5		0.3952	23.72	9.63	33.35	57.95	-24.60	QP	
6		0.3952	3.68	9.63	13.31	47.95	-34.64	AVG	
7	*	0.7912	23.74	9.63	33.37	56.00	-22.63	QP	
8		0.7912	6.07	9.63	15.70	46.00	-30.30	AVG	
9		4.1460	19.72	9.69	29.41	56.00	-26.59	QP	
10		4.1460	13.17	9.69	22.86	46.00	-23.14	AVG	
11		21.7072	19.41	9.88	29.29	60.00	-30.71	QP	
12		21.7072	14.73	9.88	24.61	50.00	-25.39	AVG	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	Idle	Tested Date	2023/8/18
Test Frequency	-	Phase	Neutral

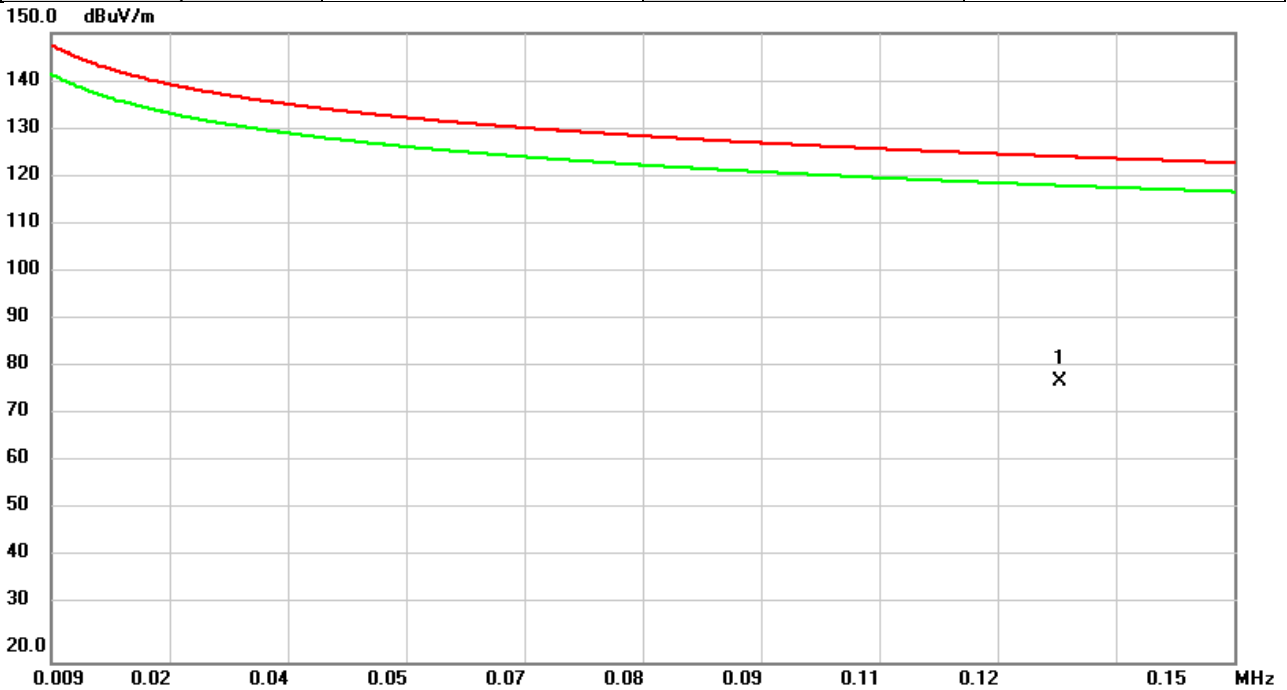


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.1635	28.46	9.66	38.12	65.28	-27.16	QP	
2		0.1635	16.09	9.66	25.75	55.28	-29.53	AVG	
3		0.2378	28.42	9.64	38.06	62.17	-24.11	QP	
4		0.2378	10.54	9.64	20.18	52.17	-31.99	AVG	
5		0.4110	26.42	9.63	36.05	57.63	-21.58	QP	
6		0.4110	11.94	9.63	21.57	47.63	-26.06	AVG	
7	*	0.7912	28.54	9.63	38.17	56.00	-17.83	QP	
8		0.7912	17.93	9.63	27.56	46.00	-18.44	AVG	
9		3.5520	20.97	9.69	30.66	56.00	-25.34	QP	
10		3.5520	13.54	9.69	23.23	46.00	-22.77	AVG	
11		21.4710	20.27	9.89	30.16	60.00	-29.84	QP	
12		21.4710	14.87	9.89	24.76	50.00	-25.24	AVG	

REMARKS:
 (1) Measurement Value = Reading Level + Correct Factor.
 (2) Margin Level = Measurement Value - Limit Value.

APPENDIX B RADIATED EMISSIONS - 9 KHZ TO 30 MHZ

Test Mode	Transmit	Test Date	2023/8/16
Test Frequency	129KHz	Polarization	Vertical
Temp	23°C	Hum.	51%

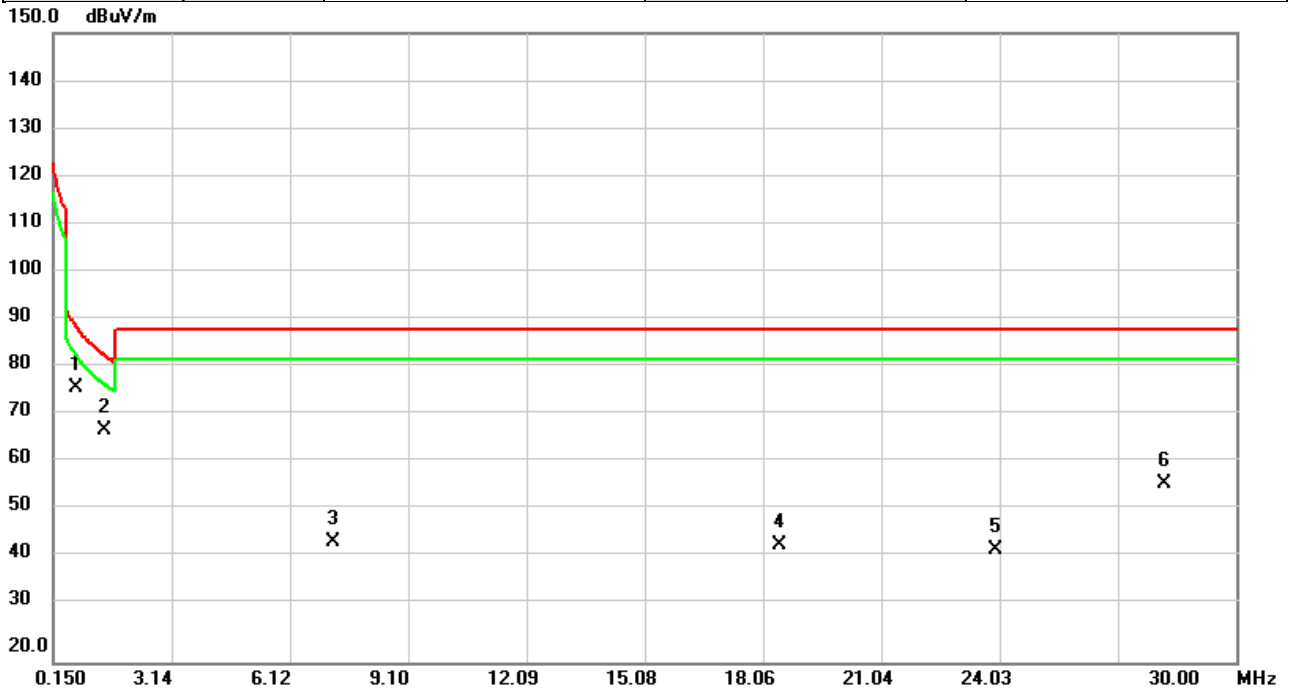


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1	*	0.1293	62.80	15.10	77.90	124.45	-46.55	AVG	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	Transmit	Test Date	2023/8/16
Test Frequency	129KHz	Polarization	Vertical
Temp	23°C	Hum.	51%

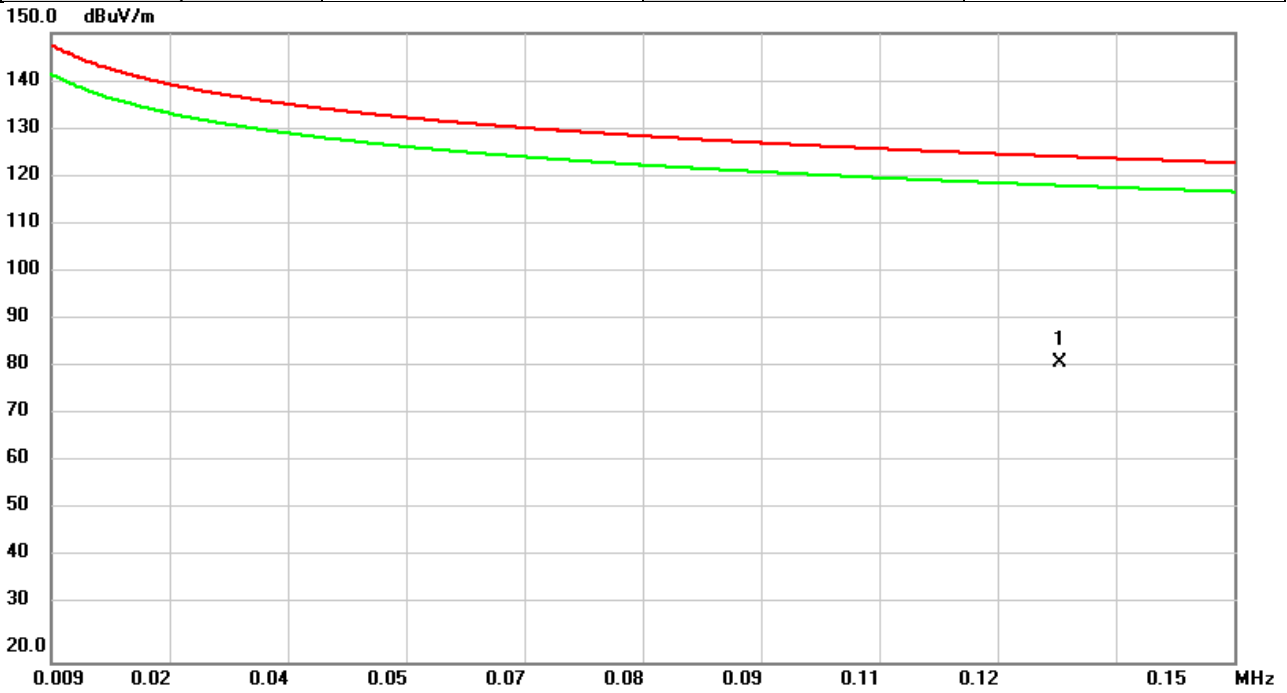


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1	*	0.7310	74.22	2.59	76.81	89.40	-12.59	QP	
2		1.4574	68.87	-0.85	68.02	83.40	-15.38	QP	
3		7.2075	49.78	-4.90	44.88	88.62	-43.74	QP	
4		18.4938	48.99	-4.70	44.29	88.62	-44.33	QP	
5		23.9265	46.32	-2.98	43.34	88.62	-45.28	QP	
6		28.1722	57.71	-0.97	56.74	88.62	-31.88	QP	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	Transmit	Test Date	2023/8/16
Test Frequency	129KHz	Polarization	Horizontal
Temp	23°C	Hum.	51%

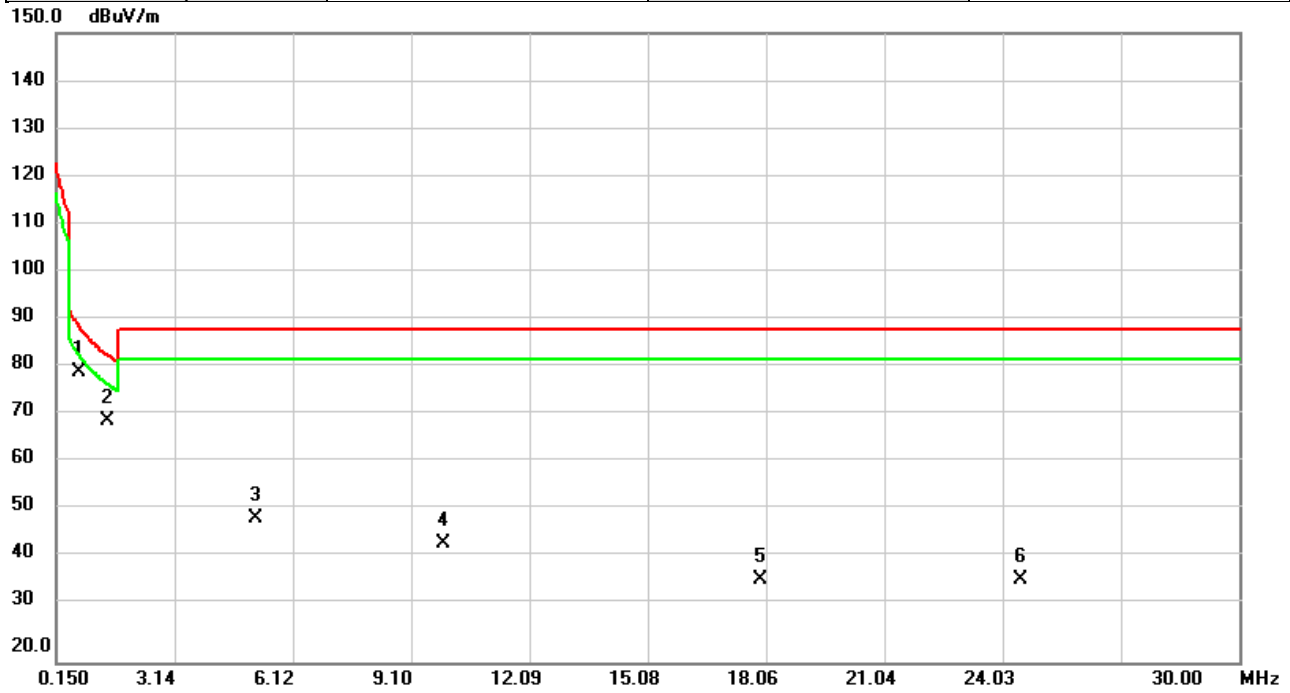


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1	*	0.1293	66.88	15.10	81.98	124.45	-42.47	AVG	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	Transmit	Test Date	2023/8/16
Test Frequency	129KHz	Polarization	Horizontal
Temp	23°C	Hum.	51%



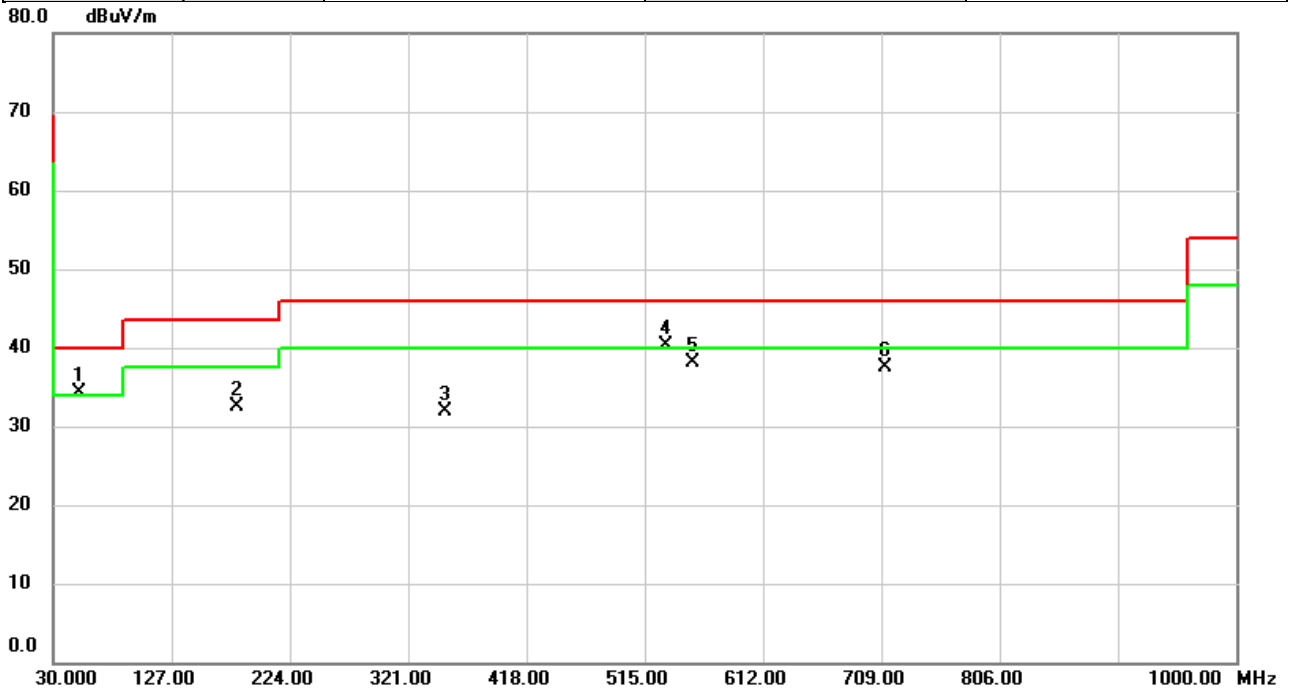
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1	*	0.7310	77.49	2.59	80.08	89.40	-9.32	QP	
2		1.4633	70.77	-0.87	69.90	83.37	-13.47	QP	
3		5.1857	55.24	-5.64	49.60	88.62	-39.02	QP	
4		9.9300	48.46	-3.88	44.58	88.62	-44.04	QP	
5		17.9157	41.67	-4.65	37.02	88.62	-51.60	QP	
6		24.4778	39.81	-2.73	37.08	88.62	-51.54	QP	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

APPENDIX C RADIATED EMISSIONS - 30 MHZ TO 1 GHZ

Test Mode	Transmit	Test Date	2023/8/16
Test Frequency	129KHz	Polarization	Vertical
Temp	23°C	Hum.	51%

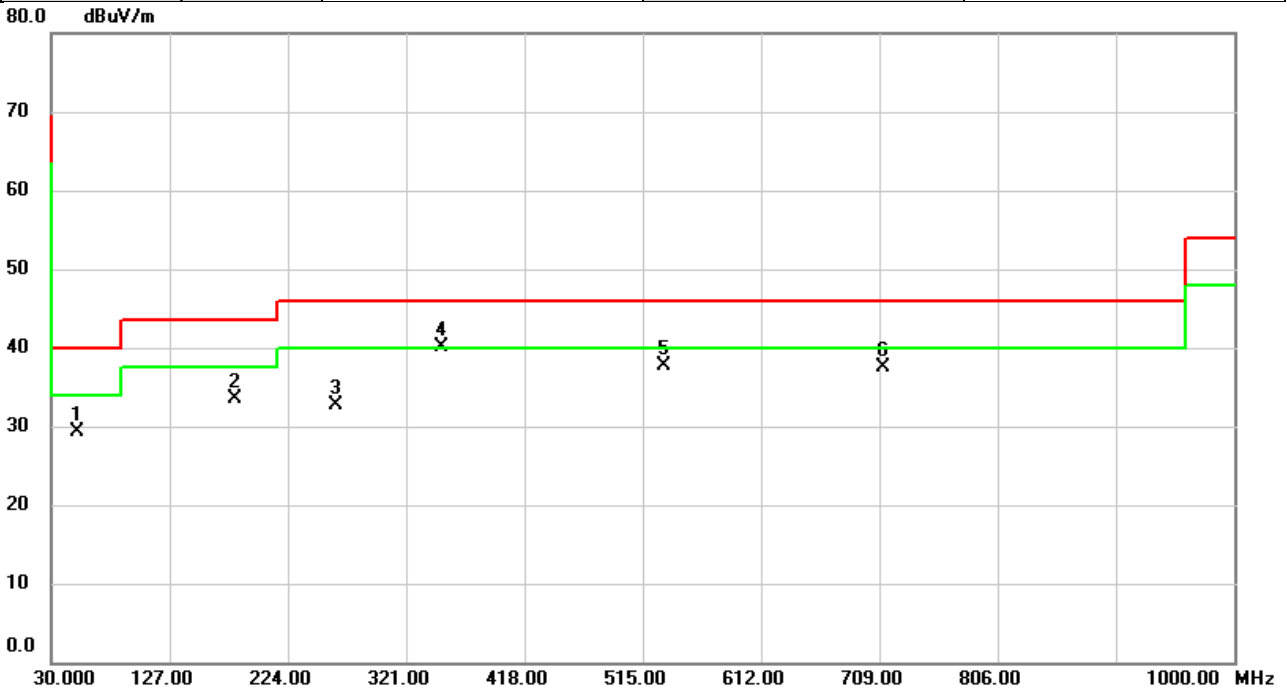


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	51.1460	45.59	-11.28	34.31	40.00	-5.69	peak	
2		180.8027	45.77	-13.27	32.50	43.50	-11.00	peak	
3		351.7167	41.88	-10.07	31.81	46.00	-14.19	peak	
4	!	532.8157	45.86	-5.61	40.25	46.00	-5.75	peak	
5		554.5437	43.25	-5.17	38.08	46.00	-7.92	peak	
6		712.5890	39.79	-2.23	37.56	46.00	-8.44	peak	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	Transmit	Test Date	2023/8/16
Test Frequency	129KHz	Polarization	Horizontal
Temp	23°C	Hum.	51%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		51.6633	40.64	-11.30	29.34	40.00	-10.66	peak	
2		181.1907	46.73	-13.32	33.41	43.50	-10.09	peak	
3		263.9963	45.06	-12.43	32.63	46.00	-13.37	peak	
4	*	350.3263	50.13	-10.11	40.02	46.00	-5.98	peak	
5		531.9427	43.37	-5.63	37.74	46.00	-8.26	peak	
6		711.7160	39.81	-2.25	37.56	46.00	-8.44	peak	

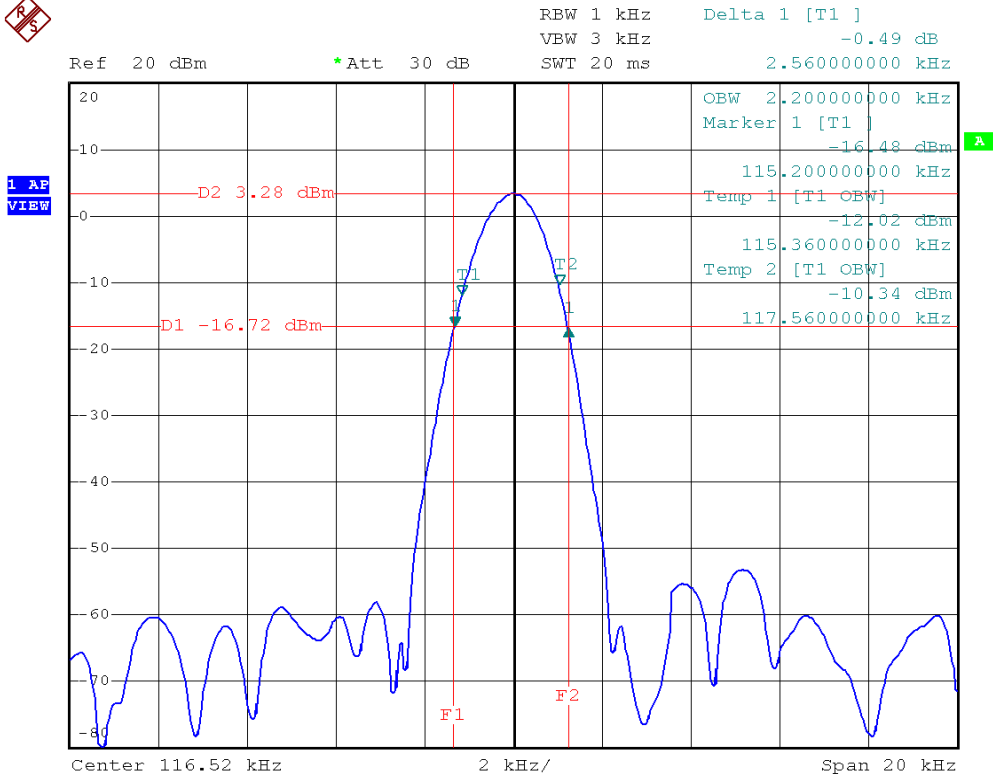
REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

APPENDIX D 20 DB BANDWIDTH

Test Mode	TX
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Frequency (KHz)	20dB Bandwidth (KHz)	Operated Frequency Range (KHz)	Result
129.00	2.56	131.56	Complied



Date: 17.AUG.2023 15:43:43

End of Test Report