



FCC 47 CFR PART 15 SUBPART B TEST REPORT

for

Product Name: ClickShare Button

Model Name.: R9861500D01

Test Report Number:

T150806L02-EF

Issued to:

Barco NV

President Kennedypark 35, 8500 Kortrijk, Belgium

Issued by:

Compliance Certification Services Inc.

Linkuo Laboratory

**No. 81-1, Lane 210, Bade 2nd Rd., Lujhu Township,
Taoyuan County 33841, Taiwan, (R.O.C.)**

TEL: 886-3-324-0332

FAX: 886-3-324-5235

E-Mail: service@ccsrf.com

Issued Dated: August 9, 2015



Note: This report shall not be reproduced except in full, without the written approval of Compliance Certification Services Inc. This document may be altered or revised by Compliance Certification Services Inc. personnel only, and shall be noted in the revision section of the document. The client should not use it to claim product endorsement by A2LA, or any government agencies. The test results in the report only apply to the tested sample.



Revision History

Version	Report No	Date	Description	Revised By
Rev 00	T150806L02-EF	August 9, 2015	Initial Issue	Wendy.Weii



TABLE OF CONTENTS

1 TEST RESULT CERTIFICATION4

2 EUT DESCRIPTION5

3 TEST METHODOLOGY6

3.1. DECISION OF FINAL TEST MODE.....6

3.2. EUT SYSTEM OPERATION.....6

4 SETUP OF EQUIPMENT UNDER TEST7

4.1. DESCRIPTION OF SUPPORT UNITS7

4.2. CONFIGURATION OF SYSTEM UNDER TEST7

5 FACILITIES AND ACCREDITATIONS8

5.1. FACILITIES.....8

5.2. ACCREDITATIONS8

5.3. MEASUREMENT UNCERTAINTY.....9

6 CONDUCTED EMISSION MEASUREMENT10

6.1. LIMITS OF CONDUCTED EMISSION MEASUREMENT10

6.2. TEST INSTRUMENTS.....10

6.3. TEST PROCEDURES.....11

6.4. TEST SETUP.....12

6.5. DATA SAMPLE.....12

6.6. TEST RESULTS13

7 RADIATED EMISSION MEASUREMENT15

7.1. LIMITS OF RADIATED EMISSION MEASUREMENT15

7.2. TEST INSTRUMENTS.....16

7.3. TEST PROCEDURES.....17

7.4. TEST SETUP.....18

7.5. DATA SAMPLE.....19

7.6. TEST RESULTS20

8 PHOTOGRAPHS OF THE TEST CONFIGURATION.....24

APPENDIX 1 - PHOTOGRAPHS OF EUT27



1 TEST RESULT CERTIFICATION

Product Name:	ClickShare Button
Model Name:	R9861500D01
Brand Name:	BARCO
Applicant:	Barco NV
Address:	President Kennedypark 35, 8500 Kortrijk, Belgium
Manufacturer:	Barco NV
Address:	President Kennedypark 35, 8500 Kortrijk, Belgium
Date of Test:	July 23~August 2, 2015
Test Voltage:	120VAC, 60Hz

EMISSION			
Standard	Item	Result	Minimum Requirement
FCC 47 CFR Part 15 B ANSI C63.4-2009	Conducted (Main Port)	PASS	Meets Class B Limit
	Radiated	PASS	Meets Class B Limit

Note: 1. The statements of test result on the above are decided by the request of test standard only; the measurement uncertainties are not factored into this compliance determination.
 2. The information of measurement uncertainty is available upon the customer's request.

Deviation from Applicable Standard
None

The above equipment has been tested by Compliance Certification Services Inc., and found compliance with the requirements set forth in the technical standards mentioned above. The results of testing in this report apply only to the product/system, which was tested. Other similar equipment will not necessarily produce the same results due to production tolerance and measurement uncertainties.

Approved by:

Reviewed by:

Tankone.Wu
Section Manager

Angel.Hu
Section Manager



2 EUT DESCRIPTION

Product Name:	ClickShare Button
Model Name:	R9861500D01
Brand Name:	BARCO
Applicant:	Barco NV
Identify Number:	T150806L02-EF
Received Date:	July 20, 2015
EUT Power Rating:	From system
DC Power Cord Type:	Shielded, 0.1m

	Mode1	Mode2
DDR	SAMSUNG / K4T1G164QG-BCE7	MICRON / MT47H64M16NF-25EM

I/O PORT:

	I/O PORT TYPE	Q'TY	TESTED WITH
1).	USB Port	1	1



3 TEST METHODOLOGY

3.1. DECISION OF FINAL TEST MODE

1. The EUT was tested together with the above additional components, and a configuration, which produced the worst emission levels, was selected and recorded in this report.

The following test mode(s) were scanned during the preliminary test:

Pre Test Mode		
Emission	Conducted Emission	Mode1 : Normal Operation
		Mode2 : Normal Operation
	Radiated Emission	Mode1 : Normal Operation
		Mode2 : Normal Operation

2. After the preliminary scan, the following test mode was found to produce the final emission level.

Final Test Mode		
Emission	Conducted Emission	Mode1 : Normal Operation
	Radiated Emission	Mode1 : Normal Operation

Then, the above highest emission mode of the configuration of the EUT and cable was chosen for all final test items.

3.2. EUT SYSTEM OPERATION

1	According to the erection of figure for site erection.
2	Set up the corresponding resolution test, and start testing.
3	Recording the test results.

Note: Test program is self-repeating throughout the test.



4 SETUP OF EQUIPMENT UNDER TEST

4.1. DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

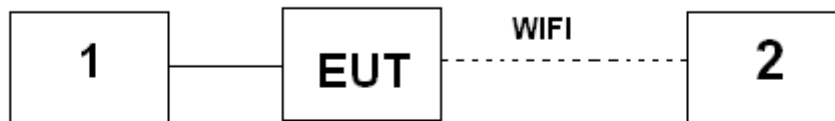
No.	Equipment	Model No.	Serial No.	Trade Name	Data Cable	Power Cord
1	Notebook	ZQT	NXM8CN0053 1708D897600	Acer	Shielded 0.1m	Unshielded 1.8m
2	Clickshare	R9861006BEU	9714092426	BARCO	N/A	Unshielded 1.8m

Note:

- 1) All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test.
- 2) Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.

4.2. CONFIGURATION OF SYSTEM UNDER TEST

1. Notebook	2. Clickshare	
-------------	---------------	--





5 FACILITIES AND ACCREDITATIONS

5.1. FACILITIES

All measurement facilities used to collect the measurement data are located at No. 81-1, Lane 210, Bade 2nd Rd., Lujhu Township, Taoyuan County 33841, Taiwan, (R.O.C.)

The sites are constructed in conformance with the requirements of ANSI C63.4 and CISPR 22. All receiving equipment conforms to CISPR 16-1-1, CISPR 16-1-2, CISPR 16-1-3, CISPR 16-1-4, CISPR 16-1-5.

5.2. ACCREDITATIONS

Our laboratories are accredited and approved by the following accreditation body according to ISO/IEC 17025.

Taiwan	TAF
USA	A2LA

The measuring facility of laboratories has been authorized or registered by the following approval agencies.

Canada	Industry Canada
Japan	VCCI
Taiwan	BSMI
USA	FCC

Copies of granted accreditation certificates are available for downloading from our web site, <http://www.ccsrf.com>



5.3. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

Measurement	Frequency	Uncertainty
Conducted emissions	0.15MHz~30MHz	+/- 2.19 dB

Measurement	Polarity	Frequency	Uncertainty
Radiated emissions (below 1GHz)	H	30MHz ~ 200MHz	+/- 4.64 dB
		200MHz ~1000MHz	+/- 4.64 dB
	V	30MHz ~ 200MHz	+/- 4.76 dB
		200MHz ~1000MHz	+/- 4.63 dB
Radiated emissions (above 1GHz)	H	1000MHz ~6000MHz	+/- 3.91 dB
		6000MHz ~18000MHz	+/- 3.92 dB
	V	1000MHz ~6000MHz	+/- 3.91dB
		6000MHz ~18000MHz	+/- 3.92 dB

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

Consistent with industry standard (e.g. CISPR 22, Measurement Uncertainty) determining compliance with the limits shall be base on the results of the compliance measurement. Consequently the measure emissions being less than the maximum allowed emission result in this be a compliant test or passing test.

The acceptable measurement uncertainty value without requiring revision of the compliance statement is base on conducted and radiated emissions being less than U_{CISPR} which is 3.6dB and 5.2dB respectively. CCS values (called U_{Lab} in CISPR 16-4-2) is less than U_{CISPR} as shown in the table above. Therefore, MU need not be considered for compliance.



6 CONDUCTED EMISSION MEASUREMENT

6.1. LIMITS OF CONDUCTED EMISSION MEASUREMENT

FREQUENCY (MHz)	Class A (dBuV)		Class B (dBuV)	
	Quasi-peak	Average	Quasi-peak	Average
0.15 - 0.5	79	66	66 - 56	56 - 46
0.50 - 5.0	73	60	56	46
5.0 - 30.0	73	60	60	50

NOTE:

- (1) The lower limit shall apply at the transition frequencies.
- (2) The limit decreases in line with the logarithm of the frequency in the range 0.15 to 0.50 MHz.
- (3) All emanations from a class A/B digital device or system, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strengths specified above.

6.2. TEST INSTRUMENTS

CE (Shielding Room)				
Name of Equipment	Manufacturer	Model	Serial Number	Calibration Due
EMI TEST RECEIVER	R&S	ESCI	100781	03/02/2016
V (V-LISN)	SCHWARZBECK	NNLK 8129	8129-143	08/11/2015
TWO-LINE V-NETWORK	R&S	ENV216	101604	01/11/2016
Pulse LIMITER	R&S	ESH3-Z2	100524	01/11/2016
CISPR22 FOUR BALANCED TELECOM PARIS ISN	FCC	FCC-TLISN-T2-02	20625	05/28/2016
RF CURRENT PROBE	FCC	F-65A	146	09/11/2015
COUPLING AND DECOUPLING NETWORK	TESEQ	ISN ST08	31272	10/09/2015
IMPEDANCE STABILIZATION NETWORK	TESEQ	ISN T800	34450	03/02/2016

NOTE: 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

2. N.C.R = No Calibration Request.



6.3. TEST PROCEDURES

Procedure of Preliminary Test

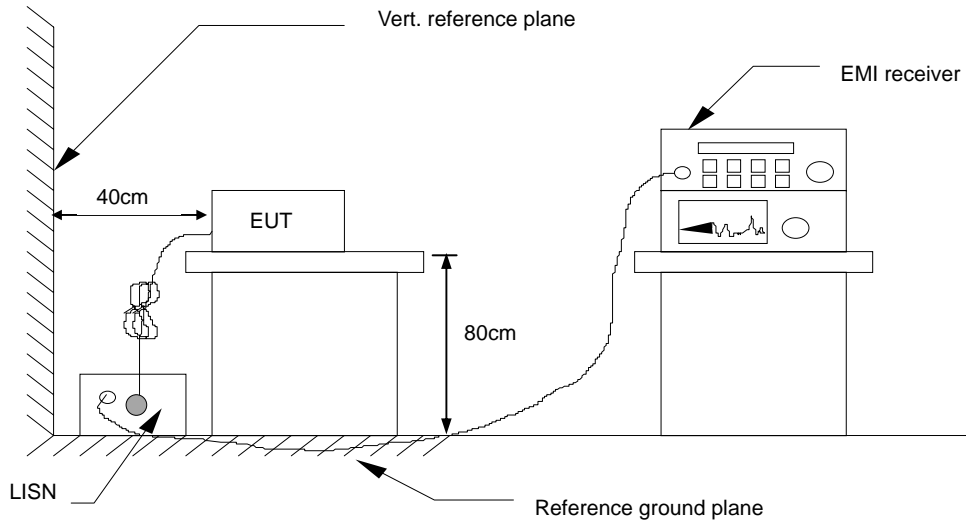
- The EUT and support equipment, if needed, were set up as per the test configuration to simulate typical usage per the user's manual. When the EUT is a tabletop system, a wooden table with a height of 0.8 meters is used and is placed on the ground plane as per ANSI C63.4 (see Test Facility for the dimensions of the ground plane used). When the EUT is a floor standing equipment, it is placed on the ground plane, which has a 15 cm non-conductive covering to insulate the EUT from the ground plane.
- All I/O cables were positioned to simulate typical actual usage as per ANSI C63.4.
- The test equipment EUT installed by AC 120VAC/60Hz main power, through a Line Impedance Stabilization Network (LISN), which was supplied power source and was grounded to the ground plane.
- All support equipment power by from a second LISN.
- The test program of the EUT was started. Emissions were measured on each current carrying line of the EUT using an EMI Test Receiver connected to the LISN powering the EUT.
- The Receiver scanned from 150kHz to 30MHz for emissions in each of the test modes.
- During the above scans, the emissions were maximized by cable manipulation.
- The test mode(s) described in Item 3.1 were scanned during the preliminary test.
- After the preliminary scan, we found the test mode described in Item 3.1 producing the highest emission level.
- The worst configuration of EUT and cable of the above highest emission level were recorded for reference of the final test.

Procedure of Final Test

- EUT and support equipment were set up on the test bench as per the configuration with highest emission level in the preliminary test.
- A scan was taken on both power lines, Line 1 and Line 2, recording at least the six highest emissions. Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit.
- The test data of the worst-case condition(s) was recorded.



6.4. TEST SETUP



- For the actual test configuration, please refer to the related item – Photographs of the Test Configuration.

6.5. DATA SAMPLE

Frequency	QuasiPeak Reading (dBuV)	Average Reading (dBuV)	Correction Factor (dB)	QuasiPeak Result (dBuV)	Average Result (dBuV)	QuasiPeak Limit (dBuV)	Average Limit (dBuV)	QuasiPeak Margin (dB)	Average Margin (dB)
x.xxxx	35.81	34.89	10.16	45.97	45.05	59.93	49.93	-13.96	-4.88

Correction factor (dB) = cable loss + Insertion loss of LISN+ Insertion loss of transient limiter (The transient limiter included 10 dB attenuation)

(QuasiPeak/ Average)Result = (QuasiPeak/ Average)reading + Correction Factor (dB)

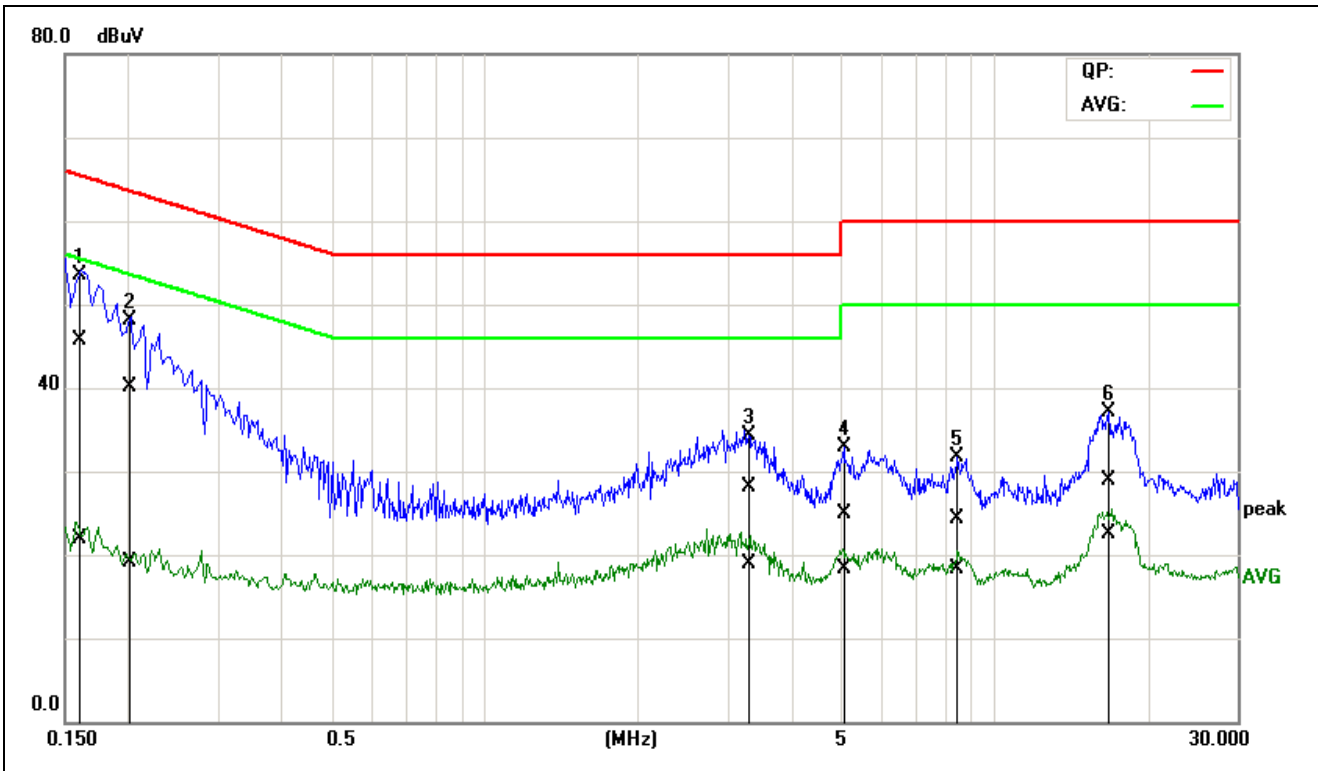
Calculation Formula

(QuasiPeak/ Average)Margin (dB) = (QuasiPeak/ Average)Result (dBuV) –(QuasiPeak/ Average)Limit (dBuV)



6.6. TEST RESULTS

Job No.:	T150806L02	Date:	2015-8-2
Company:	BARCO	Time:	PM 01:56:52
Standard:	FCC Class B Conduction(QP)	Temp.(C)/Hum.(%):	25(C)/45%
Test item:	Conduction test	Test By:	Wei.Su
Line:	L1	Test Voltage:	AC 120V/60Hz
Model:	R9861500D01	Description:	Mode1

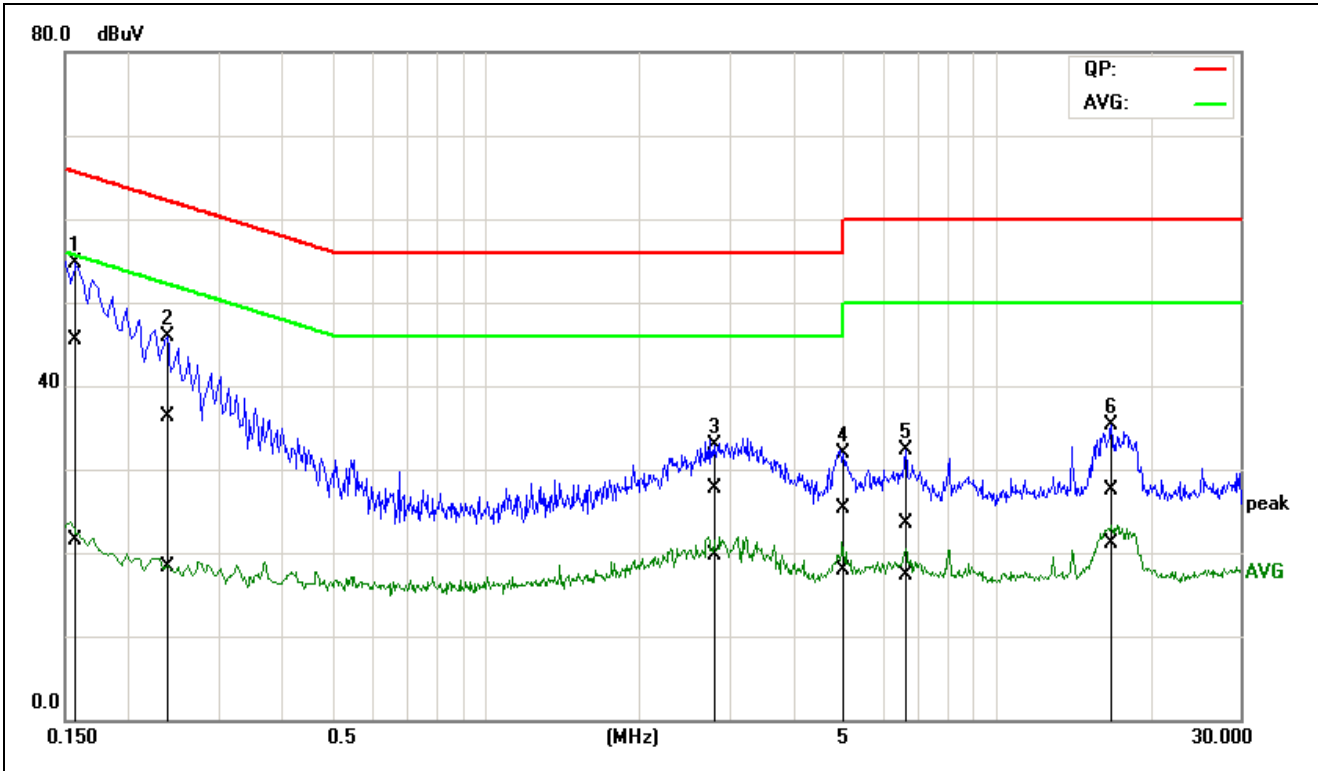


No.	Frequency	QuasiPeak reading	Average reading	Correction factor	QuasiPeak result	Average result	QuasiPeak limit	Average limit	QuasiPeak margin	Average margin	Remark
	(MHz)	(dBuV)	(dBuV)	(dB)	(dBuV)	(dBuV)	(dBuV)	(dBuV)	(dB)	(dB)	
1*	0.1571	26.00	2.12	19.78	45.78	21.90	65.62	55.62	-19.84	-33.72	Pass
2	0.1981	20.55	-0.45	19.61	40.16	19.16	63.69	53.69	-23.53	-34.53	Pass
3	3.2778	7.93	-1.27	20.09	28.02	18.82	56.00	46.00	-27.98	-27.18	Pass
4	5.0147	4.59	-1.94	20.30	24.89	18.36	60.00	50.00	-35.11	-31.64	Pass
5	8.5141	3.74	-2.26	20.63	24.37	18.37	60.00	50.00	-35.63	-31.63	Pass
6	16.7603	7.97	1.56	20.94	28.91	22.50	60.00	50.00	-31.09	-27.50	Pass

Note: 1. L1 = Line One (Live Line) / L2 = Line Two (Neutral Line).



Job No.:	T150806L02	Date:	2015-8-2
Company:	BARCO	Time:	PM 02:02:52
Standard:	FCC Class B Conduction(QP)	Temp.(C)/Hum.(%):	25(C)/45%
Test item:	Conduction test	Test By:	Wei.Su
Line:	L2	Test Voltage:	AC 120V/60Hz
Model:	R9861500D01	Description:	Mode1



No.	Frequency (MHz)	QuasiPeak reading (dBuV)	Average reading (dBuV)	Correction factor (dB)	QuasiPeak result (dBuV)	Average result (dBuV)	QuasiPeak limit (dBuV)	Average limit (dBuV)	QuasiPeak margin (dB)	Average margin (dB)	Remark
1*	0.1581	25.73	1.84	19.72	45.45	21.56	65.56	55.56	-20.11	-34.00	Pass
2	0.2346	16.66	-1.38	19.66	36.32	18.28	62.29	52.29	-25.97	-34.01	Pass
3	2.8010	7.73	-0.26	20.06	27.79	19.80	56.00	46.00	-28.21	-26.20	Pass
4	4.9914	5.00	-2.48	20.30	25.30	17.82	56.00	46.00	-30.70	-28.18	Pass
5	6.6950	2.97	-3.16	20.47	23.44	17.31	60.00	50.00	-36.56	-32.69	Pass
6	16.7440	6.59	0.38	20.82	27.41	21.20	60.00	50.00	-32.59	-28.80	Pass

Note: 1. L1 = Line One (Live Line) / L2 = Line Two (Neutral Line).



7 RADIATED EMISSION MEASUREMENT

7.1. LIMITS OF RADIATED EMISSION MEASUREMENT

Class A Radiated Emission limit at 10m (for digital device)

Frequency (MHZ)	Field Strength Limit (uV/m)Q.P.	Field Strength Limit (dBuV/m)Q.P.
30 - 88	90	39
88 - 216	150	43.5
216 – 960	210	46.4
Above 960	300	49.5

Class B Radiated Emission limit at 3m (for others)

Frequency (MHZ)	Field Strength Limit (uV/m)Q.P.	Field Strength Limit (dBuV/m)Q.P.
30 - 88	100	40
88 - 216	150	43.5
216 – 960	200	46
Above 960	500	54

Above 1GHz(for all device)

Frequency (MHZ)	Class A (dBuV/m) (At 10m)		Class B (dBuV/m) (At 3m)	
	Average	Peak	Average	Peak
Above 1000	49.5	69.5	54	74

NOTE: (1) The lower limit shall apply at the transition frequencies.

(2) Emission level (dBuV/m) = 20 log Emission level (uV/m).

(3) The measurement above 1GHz is at close-in distances 3m, and determine the limit L2 corresponding to the close-in distance d2 by applying the following relation: $L2 = L1 (d1/d2)$, where L1 is the specified limit in microvolts per metre (uV/m) at the distance d1 (10m), L2 is the new limit for distance d2 (3m).

So the new Class A limit above 1GHz at 3m is as following table:

Frequency (MHZ)	Class A (dBuV/m) (At 3m)	
	Average	Peak
Above 1000	60	80

According to FCC Part 15.33 (b), for an unintentional radiator, including a digital device, the spectrum shall be investigated from the lowest radio frequency signal generated or used in the device, without going below the lowest frequency for which a radiated emission limit is specified, up to the frequency shown in the following table:



Highest frequency generated or used in the device or on which the device operates or tunes (MHz)	Upper frequency of measurement range (MHz)
Below 1.75	30
1.75-108	1000
108-500	2000
500-1000	5000
Above 1000	5 th harmonic of the highest frequency or 40GHz, whichever is lower

7.2. TEST INSTRUMENTS

Radiated Emission (3M Semi Anechoic Chamber (977))				
Name of Equipment	Manufacturer	Model	Serial Number	Calibration Due
EMI Test Receiver	R&S	ESCI	101378	01/14/2016
Spectrum Analyzer	R&S	FSU26	200789	08/11/2015
Amplifier	MITEQ	AMF-6F-260400-40-8P	1037496	09/17/2015
Broad-Band Horn Antenna	SCHWARZBECK	BBHA 9170	9170-515	03/09/2016
Specturn Analyzer	Agilent	E4446A	MY44020154	04/08/2016
Pre-Amplifier	Miteq	JS41-00101800-32-10P	1675713	08/11/2015
Bilog Antenna	Sunol	JB1	A062604	03/06/2016
Horn-antenna	SCHWARZBECK	BBHA9120D	267	03/06/2016

NOTE: 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2.N.C.R = No Calibration Request.



7.3. TEST PROCEDURES

Procedure of Preliminary Test

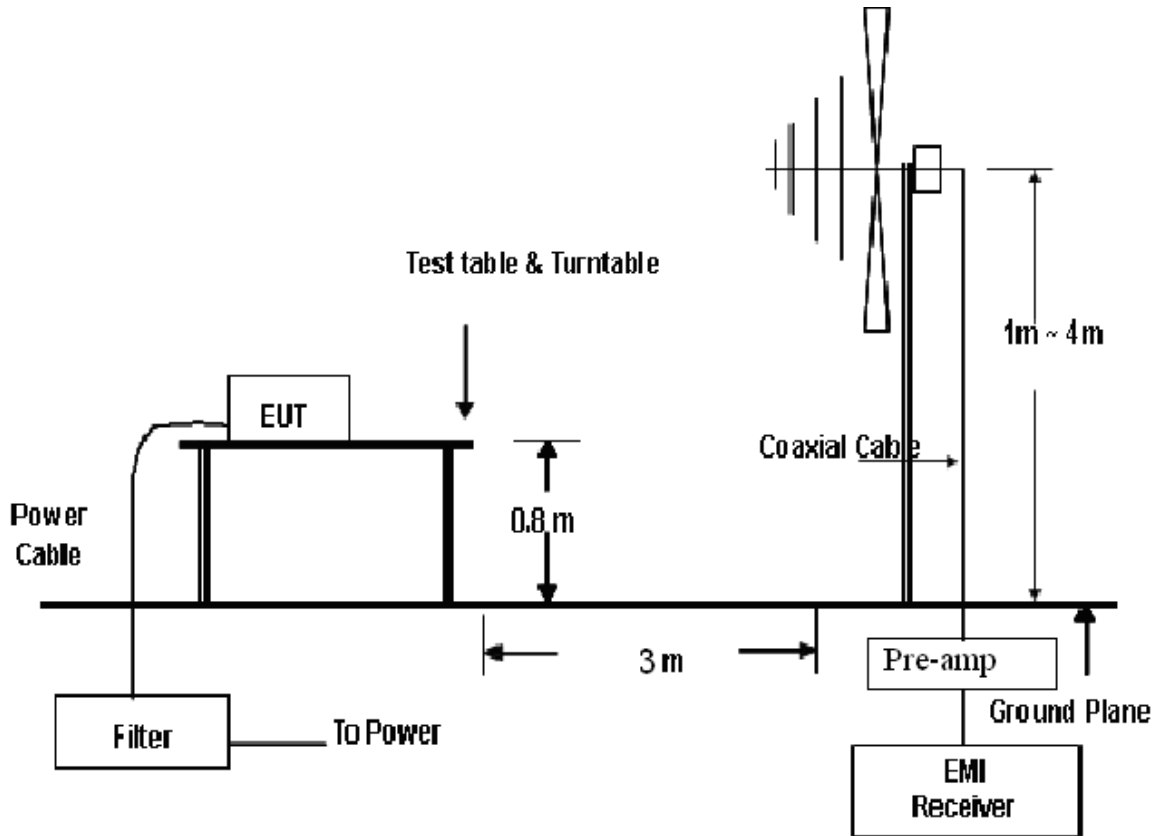
- The equipment was set up as per the test configuration to simulate typical usage per the user's manual. When the EUT is a tabletop system, a wooden turntable with a height of 0.8 meters is used which is placed on the ground plane. When the EUT is a floor standing equipment, it is placed on the ground plane which has a 15 cm non-conductive covering to insulate the EUT from the ground plane.
- Support equipment, if needed, was placed as per ANSI C63.4.
- All I/O cables were positioned to simulate typical usage as per ANSI C63.4.
- The EUT received AC 120VAC/60Hz power source from the outlet socket under the turntable. All support equipment power received from another socket under the turntable.
- The antenna was placed at 3 or 10 meter away from the EUT as stated in ANSI C63.4. The antenna connected to the Spectrum Analyzer via a cable and at times a pre-amplifier would be used.
- The Analyzer / Receiver quickly scanned from 30MHz to 40GHz. The EUT test program was started. Emissions were scanned and measured rotating the EUT to 360 degrees and positioning the antenna 1 to 4 meters above the ground plane, in both the vertical and the horizontal polarization, to maximize the emission reading level.
- The test mode(s) described in Item 3.1 were scanned during the preliminary test:
- After the preliminary scan, we found the test mode described in Item 3.1 producing the highest emission level.
- The worst configuration of EUT and cable of the above highest emission level were recorded for reference of the final test.

Procedure of Final Test

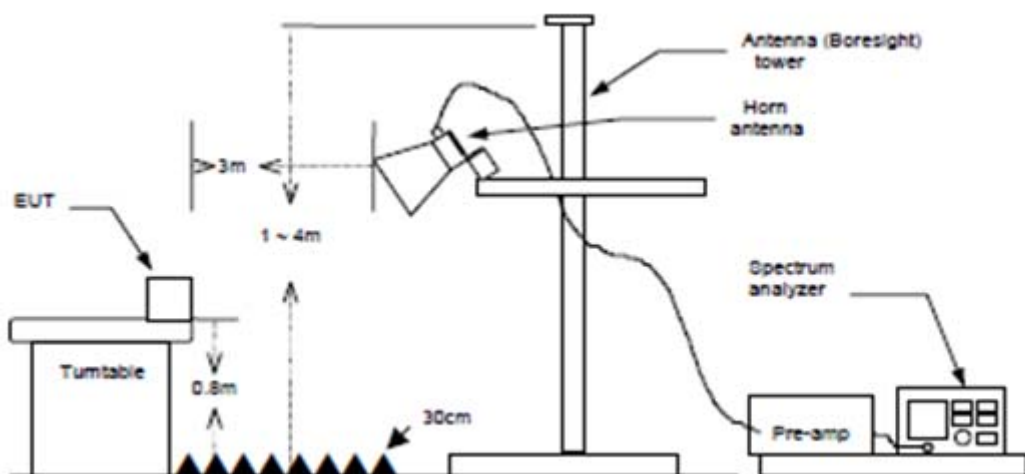
- EUT and support equipment were set up on the turntable as per the configuration with highest emission level in the preliminary test.
- The Analyzer / Receiver scanned from 30MHz to 40GHz. Emissions were scanned and measured rotating the EUT to 360 degrees, varying cable placement and positioning the antenna 1 or 1 to 4 meters above the ground plane, in both the vertical and the horizontal polarization, to maximize the emission reading level.
- Recording at least the six highest emissions. Emission frequency, amplitude, antenna position, polarization and turntable position were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit. Below 1GHz the Q.P. reading and above 1GHz the Peak and Average reading are presented.
- The test data of the worst-case condition(s) was recorded.

7.4. TEST SETUP

Below 1 GHz



Above 1 GHz



- For the actual test configuration, please refer to the related item – Photographs of the Test Configuration.



7.5. DATA SAMPLE

Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
x.xx	47.01	-14.30	32.71	40.00	-7.29	200	202	peak

- Freq. = Emission frequency in MHz
- Reading = Uncorrected Analyzer/Receiver reading
- Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain
- Result = Reading + Factor
- Limit = Limit stated in standard
- Margin = Reading in reference to limit
- Height = Height of antenna
- Degree = Position of turn table
- Remark = Information of value (Peak/ QuasiPeak/Average)

Calculation Formula

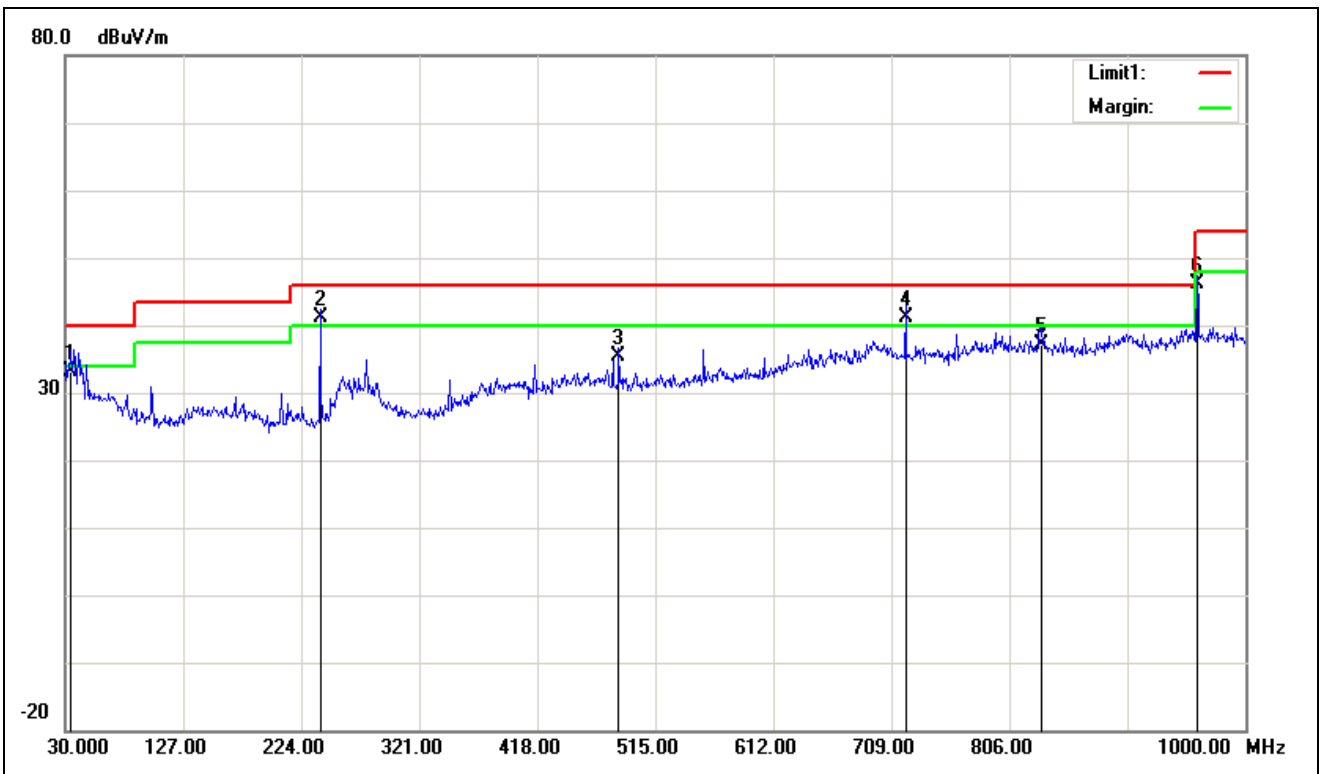
Margin (dB) = Result (dBuV/m) – Limit (dBuV/m)



7.6. TEST RESULTS

Below 1GHz

Job No.:	T150806L02	Ant.Polar.:	Vertical
Standard:	FCC Class B 3M Radiation	Test Distance:	3m
Test item:	Radiation Test	Power:	AC 120V/60Hz
Temp.(C)/Hum.(%RH):	25(C)/40%RH	Date:2015-7-31	Time:9:42:54
Company:	BARCO	Test By:	Will.Xu
Model:	R9861500D01	Description:	Mode1

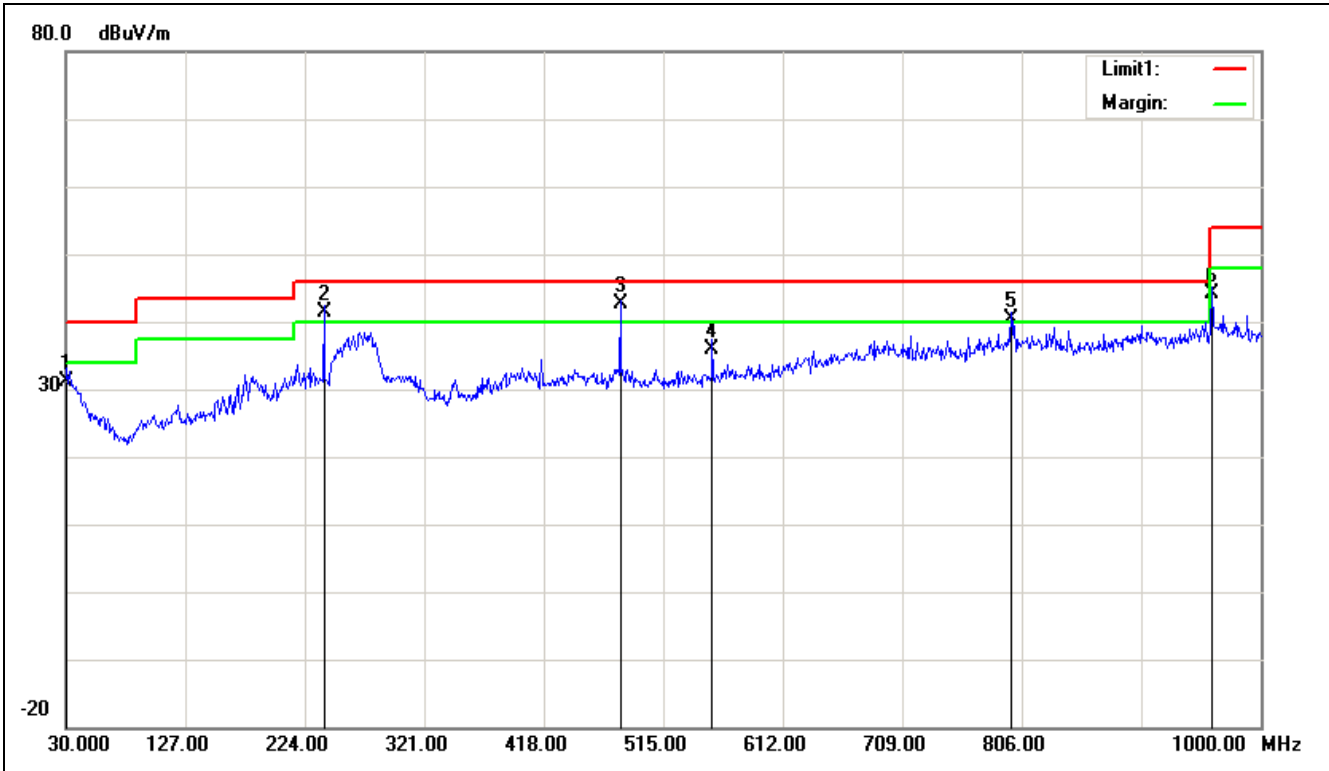


No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	34.8500	14.85	18.40	33.25	40.00	-6.75	100	125	QP
2	239.5200	28.39	12.86	41.25	46.00	-4.75	200	301	QP
3	484.9300	15.82	19.51	35.33	46.00	-10.67	100	253	QP
4	720.6400	17.80	23.22	41.02	46.00	-4.98	100	142	QP
5	832.1900	12.85	24.40	37.25	46.00	-8.75	100	253	QP
6	960.2300	19.67	26.58	46.25	54.00	-7.75	200	33	QP

Note: The other emission levels were very low against the limit.



Job No.:	T150806L02	Ant.Polar.:	Horizontal
Standard:	FCC Class B 3M Radiation	Test Distance:	3m
Test item:	Radiation Test	Power:	AC 120V/60Hz
Temp.(C)/Hum.(%RH):	25(C)/40%RH	Date:2015-7-31	Time:9:35:46
Company:	BARCO	Test By:	Will.Xu
Model:	R9861500D01	Description:	Mode1



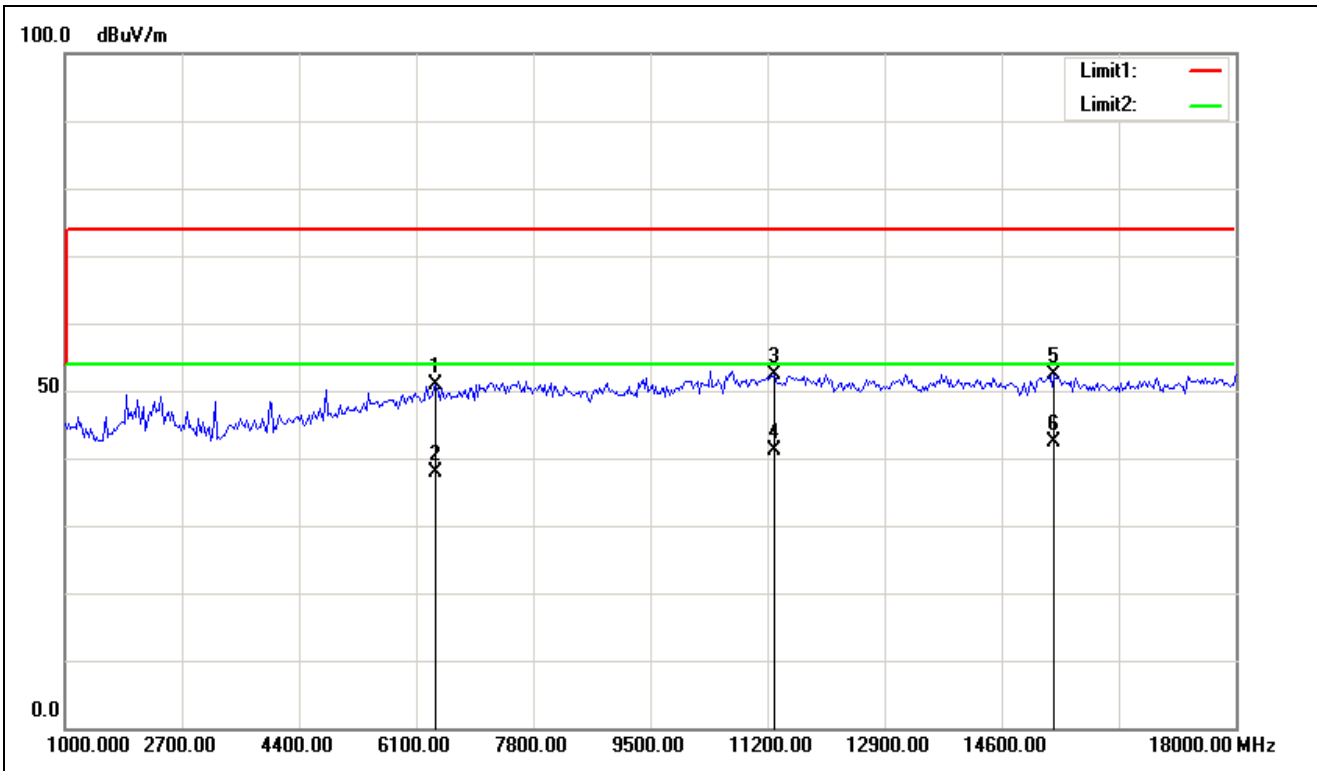
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	30.9700	11.88	19.37	31.25	40.00	-8.75	100	26	QP
2	239.5200	28.46	12.86	41.32	46.00	-4.68	200	125	QP
3	480.0800	23.11	19.52	42.63	46.00	-3.37	100	301	QP
4	554.7700	15.44	20.49	35.93	46.00	-10.07	100	253	QP
5	797.2700	15.83	24.49	40.32	46.00	-5.68	400	142	QP
6	960.2300	17.43	26.58	44.01	54.00	-9.99	200	33	QP

Note: The other emission levels were very low against the limit.



Above 1GHz

Job No.:	T150806L02	Ant.Polar.:	Vertical
Standard:	FCC Class B 3M Radiation	Test Distance:	3m
Test item:	Radiation Test	Power:	AC 120V/60Hz
Temp.(C)/Hum.(%RH):	25(C)/40%RH	Date:2015-7-31	Time:10:29:40
Company:	BARCO	Test By:	Will.Xu
Model:	R9861500D01	Description:	Mode1

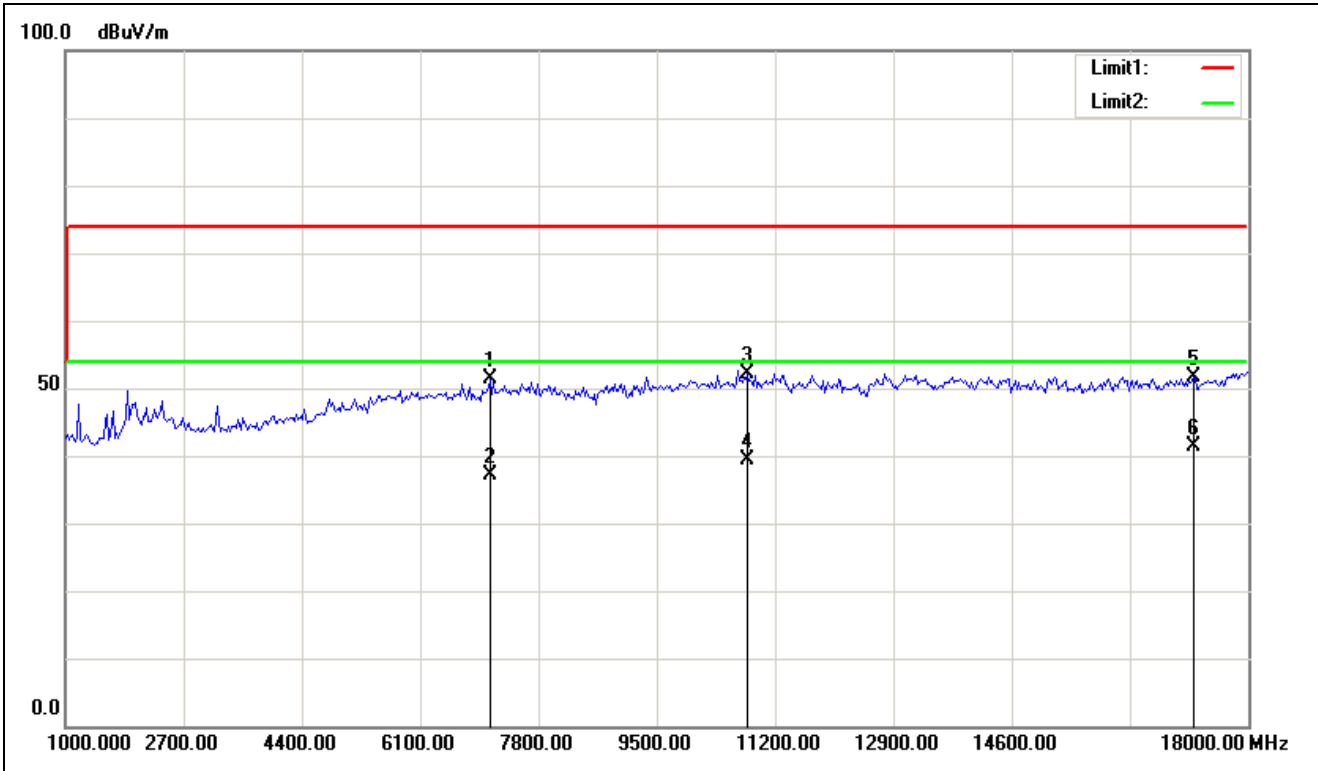


No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	6394.231	43.35	7.45	50.80	74.00	-23.20	100	142	peak
2	6394.231	30.38	7.45	37.83	54.00	-16.17	100	142	AVG
3	11298.077	37.59	14.89	52.48	74.00	-21.52	100	301	peak
4	11298.077	26.36	14.89	41.25	54.00	-12.75	100	301	AVG
5	15357.372	35.86	16.45	52.31	74.00	-21.69	100	125	peak
6	15357.372	25.88	16.45	42.33	54.00	-11.67	100	125	AVG

Note: The other emission levels were very low against the limit.



Job No.:	T150806L02	Ant.Polar.:	Horizontal
Standard:	FCC Class B 3M Radiation	Test Distance:	3m
Test item:	Radiation Test	Power:	AC 120V/60Hz
Temp.(C)/Hum.(%RH):	25(C)/40%RH	Date:2015-7-31	Time:10:17:18
Company:	BARCO	Test By:	Will.Xu
Model:	R9861500D01	Description:	Mode1



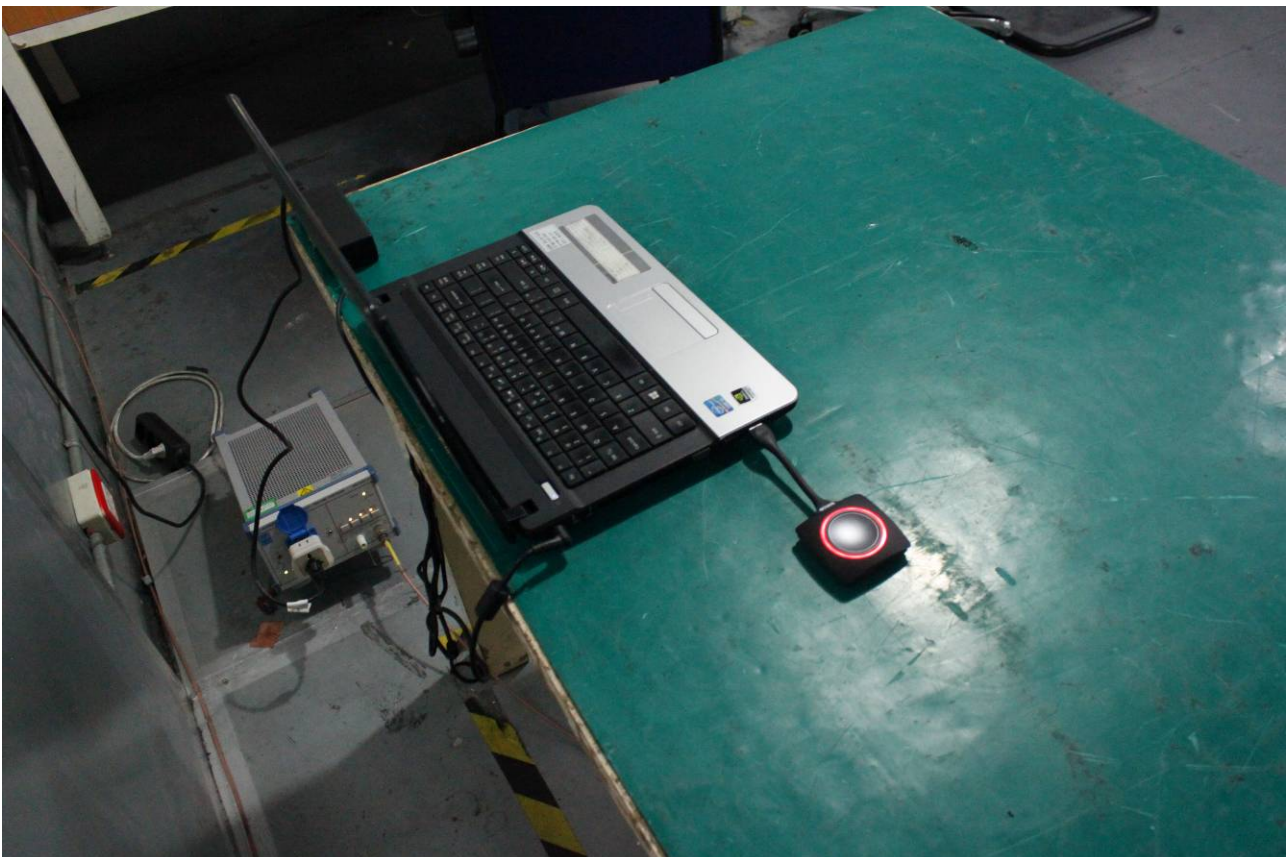
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	7102.564	42.32	8.94	51.26	74.00	-22.74	100	125	peak
2	7102.564	28.31	8.94	37.25	54.00	-16.75	100	125	AVG
3	10807.692	38.23	13.90	52.13	74.00	-21.87	100	301	peak
4	10807.692	25.43	13.90	39.33	54.00	-14.67	100	301	AVG
5	17209.936	32.99	18.73	51.72	74.00	-22.28	100	142	peak
6	17209.936	22.59	18.73	41.32	54.00	-12.68	100	142	AVG

Note: The other emission levels were very low against the limit.



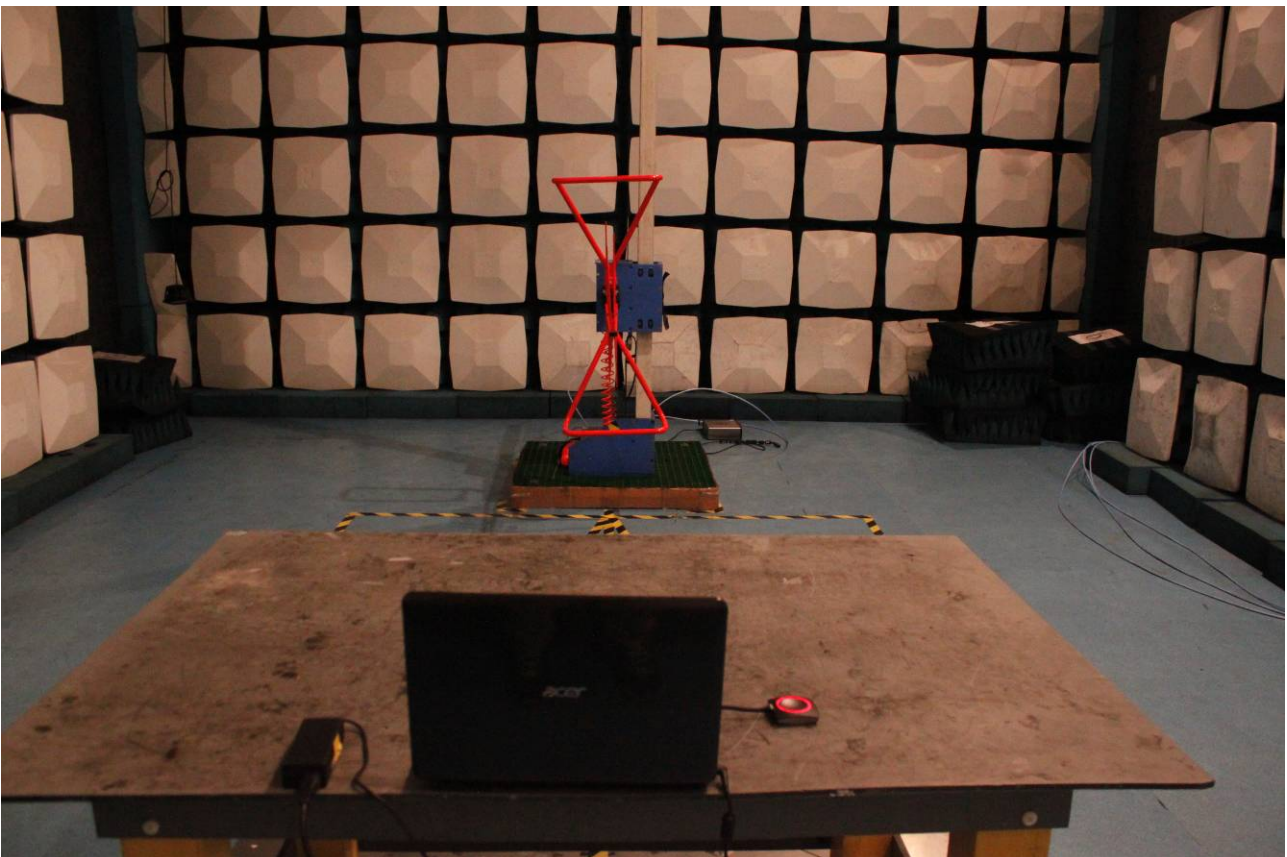
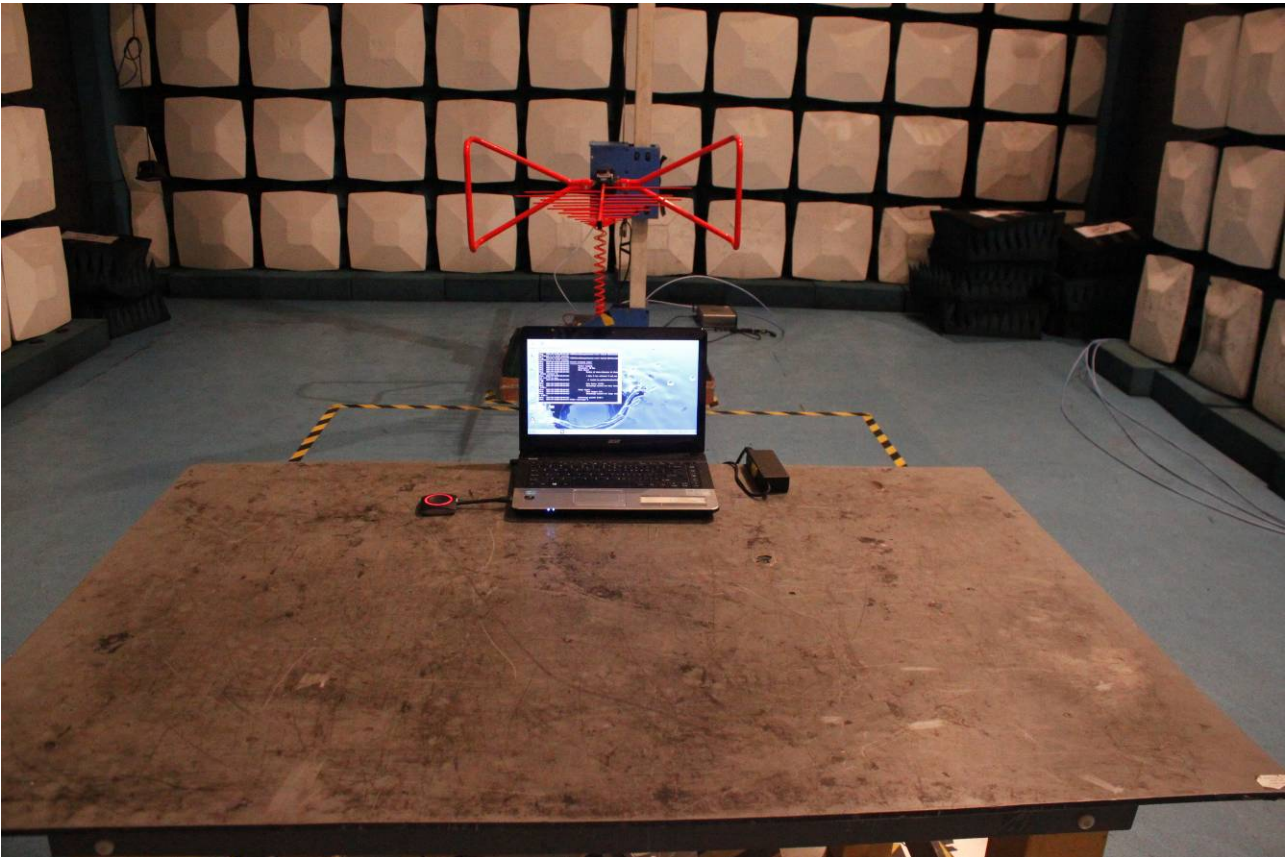
8 PHOTOGRAPHS OF THE TEST CONFIGURATION

CONDUCTED EMISSION TEST



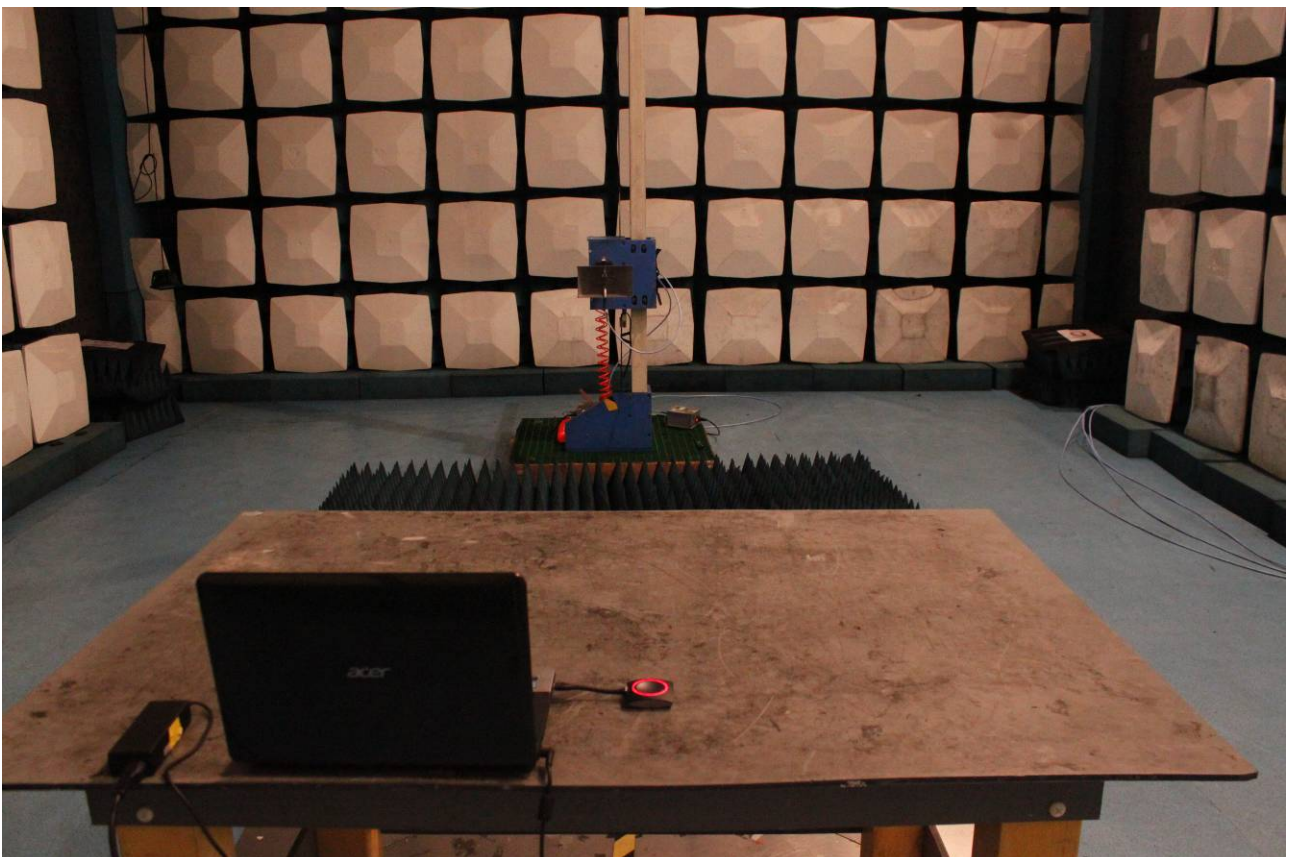
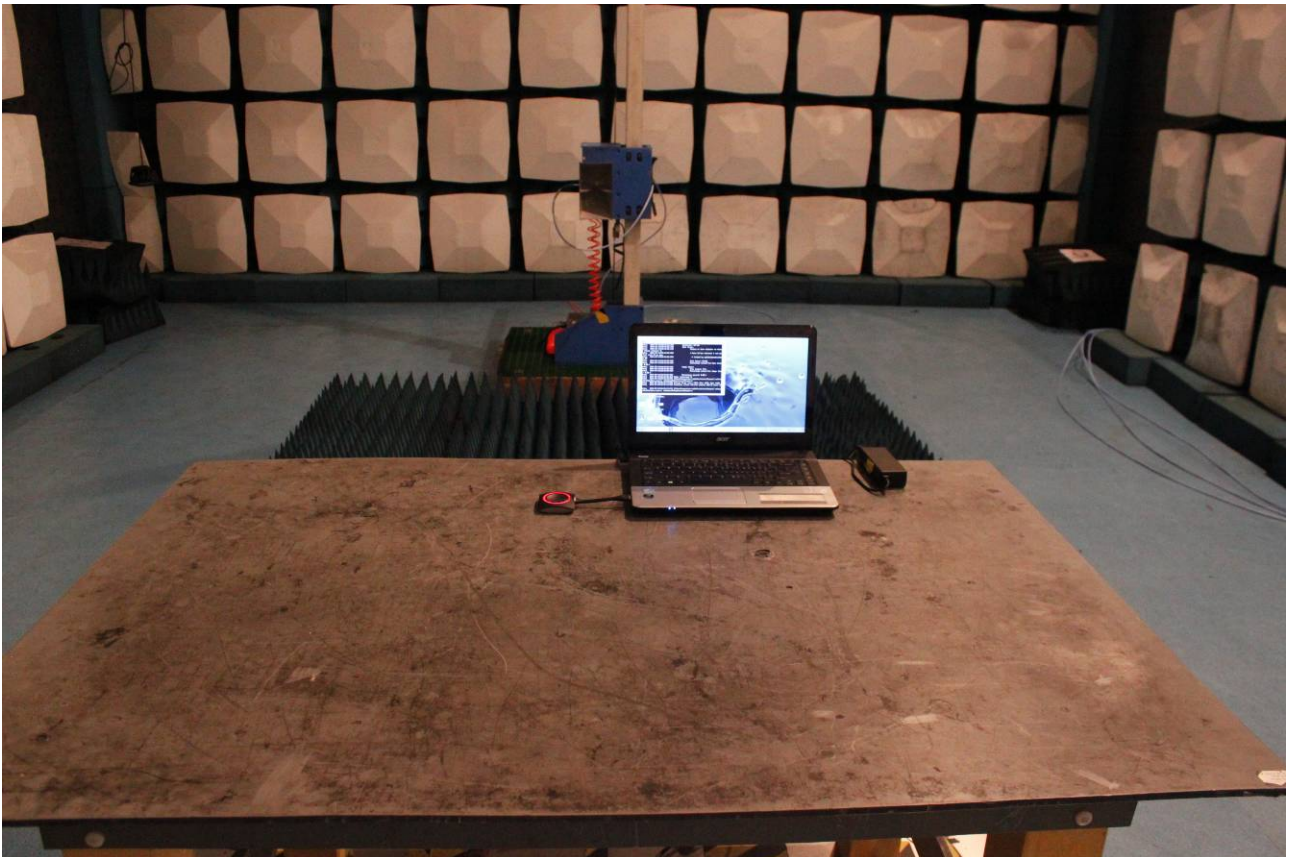


**RADIATED EMISSION TEST
BELOW 1GHz**





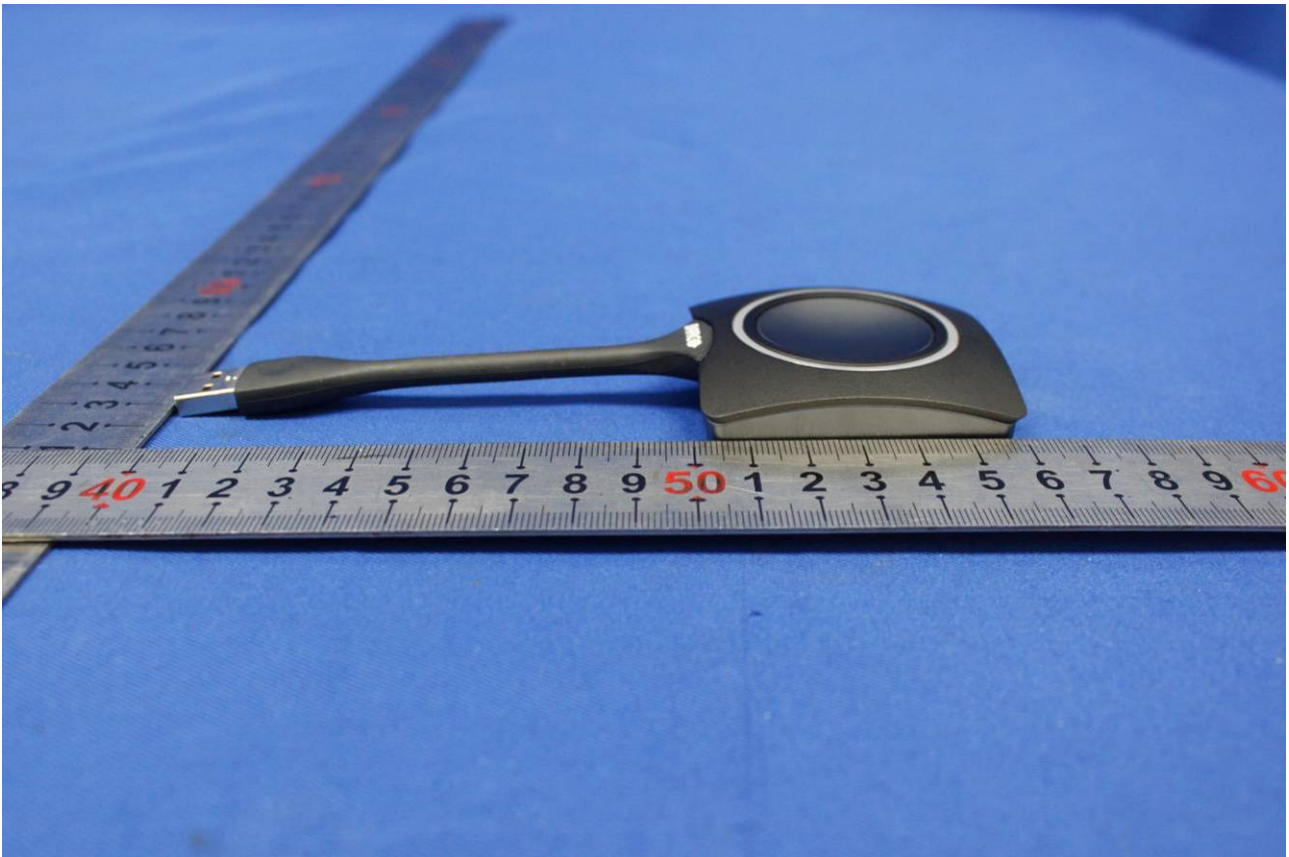
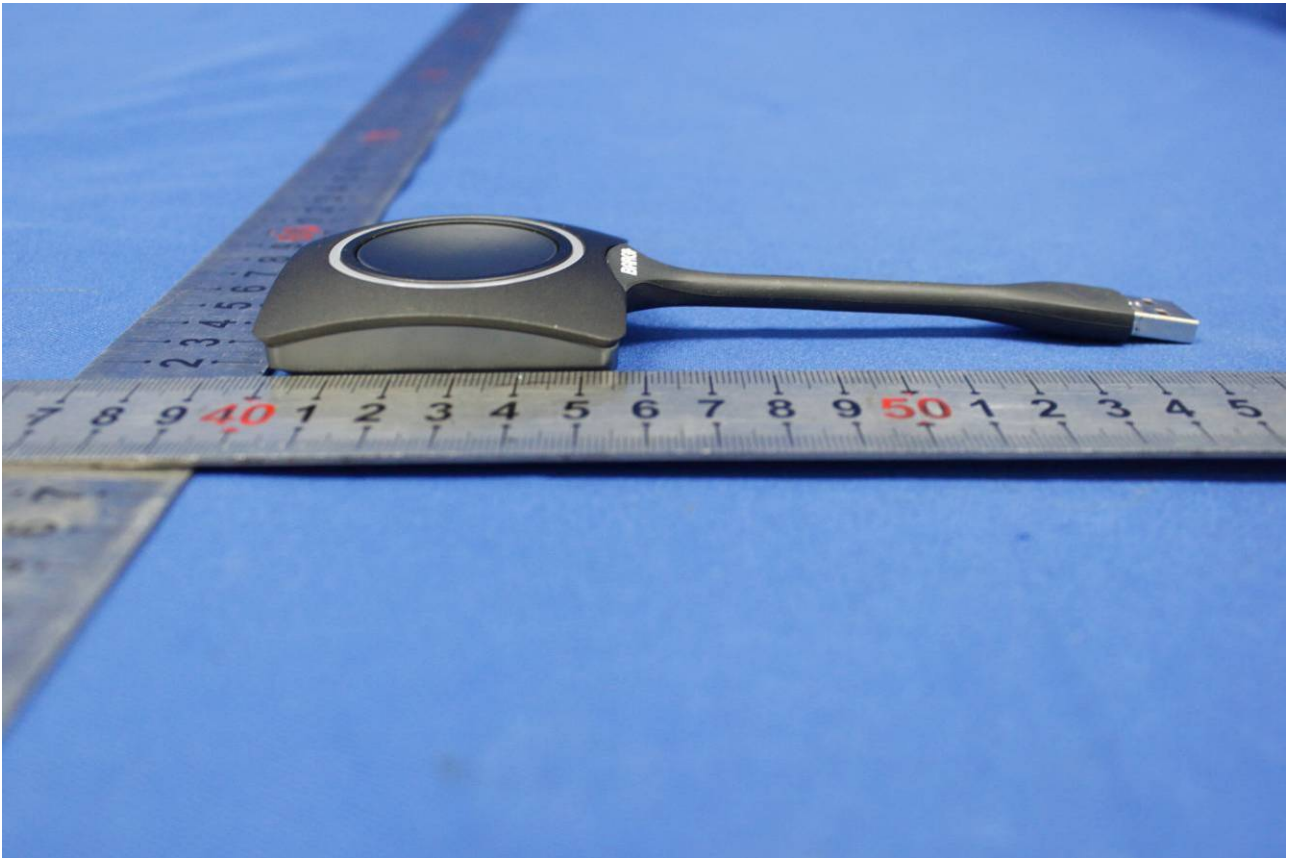
ABOVE 1GHz

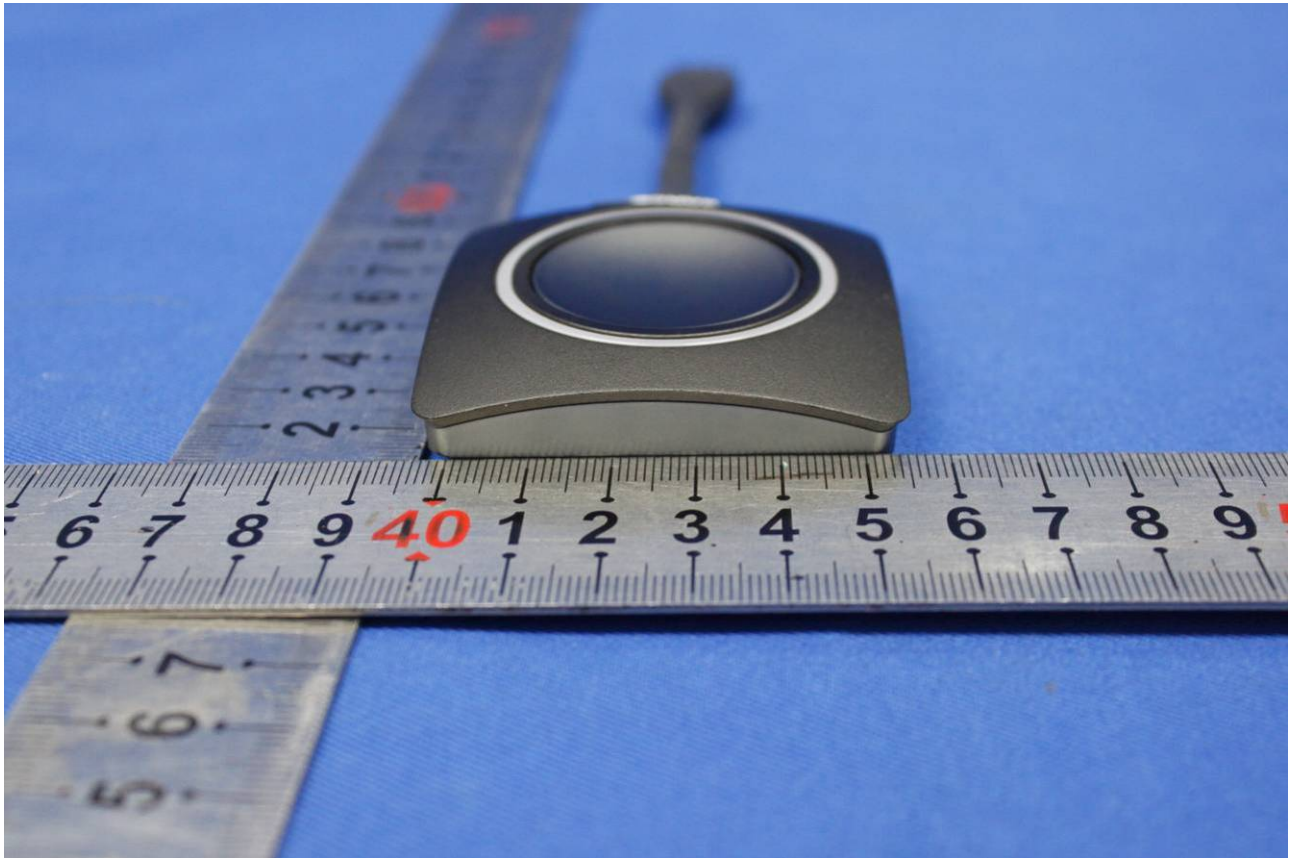




APPENDIX 1 - PHOTOGRAPHS OF EUT









END OF REPORT