

FCC Part 15B Compliance Test Report

Test Report no.:	FCC15B_RM-995_04.docx	Date of Report:	16-Dec-2013
Number of pages:	15	Customer's Contact person:	Hu Helen
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FCC listing no.:	975940		
IC recognition no.:	661AH-1		
Tested devices/ accessories:	Phone RM-995 / Battery BV-4BWA(Sony) / USB data cable CA-190CD / Headset WH-108 / Laptop IBM T43 / Printer HP C6427A / Parallel cable for printer - / AC-Adapter 02K6749		
FCC ID:	QTLRM-995	IC:	661AB-RM995
Supplement reports:	-		
Testing has been carried out in accordance with:	CFR 47, FCC rules Part 15 Subpart B, ANSI C63.4 (2003), RSS-GEN (Issue3, December 2010), CISPR 22, RSS-130 (Issue 1, October 2013), RSS-132 (Issue 2, September 2005), RSS-133 (Issue 5, February 2009), RSS-139 (Issue 2, February 2009). Deviations, modifications or clarifications (if any) to above mentioned documents are written in each section under "Test method and limit".		
Documentation:	The test report must always be reproduced in full; reproduction of an excerpt only is subject to written approval of the testing laboratory. The documentation of the testing performed on the tested devices is archived for 15 years at TCC Nokia.		
Test Results:	The EUT complies with the requirements in respect of all parameters subject to the test. The test results relate only to devices specified in this document		
Date and signature for the contents:			

Gao Sherina, Engineer, EMC

1. Summary for FCC Part 15B Compliance Test Report

Date of receipt	13-Nov-2013
Testing completed	29-Nov-2013
The customer's contact person	Hu Helen
Test Plan referred to	T:\Projects\RM-995\TestPlan\RS_testplan_RM-995.xlsm
Notes	-
Document name	FCC15B_RM-995_04.docx

1.1. EUT and Accessory Information

The EUT is a mobile phone with following features:
GSM/WCDMA/WLAN/Bluetooth
The EUT is tested with maximum rated TX power.

Devices under tests

Product	Type	SN	HW	MV	SW	DUT
Phone	RM-995	004402476460609	1000	-	3055.40000.1344.1000	53964
Battery	BV-4BWA(Sony)	-	-	-	-	53967
USB data cable	CA-190CD	07304573013628	-	-	-	53970
Headset	WH-108	3185D71	-	-	-	53782
Laptop	IBM T43	L3KXHL3	-	-	-	52468
Printer	HP C6427A	MY15B18156JJ	-	-	-	51838
Parallel cable for printer	-	-	-	-	-	53508
AC-Adapter	02K6749	-	-	-	-	53509

1.2. Summary of Test Results

GSM850:

Section in CFR 47	Section in RSS-GEN	Name of the test	Result
15.107, a	7.2.4	AC powerline conducted emissions	NP
15.109, a	6.1	Radiated emissions	NP

WCDMA 850 (Band V):

Section in CFR 47	Section in RSS-GEN	Name of the test	Result
15.107, a	7.2.4	AC powerline conducted emissions	NP
15.109, a	6.1	Radiated emissions	NP

GSM1900:

Section in CFR 47	Section in RSS-GEN	Name of the test	Result
15.107, a	7.2.4	AC powerline conducted emissions	PASSED
15.109, a	6.1	Radiated emissions	PASSED

WCDMA 1900 (Band II):

Section in CFR 47	Section in RSS-GEN	Name of the test	Result
15.107, a	7.2.4	AC powerline conducted emissions	NP
15.109, a	6.1	Radiated emissions	NP

WCDMA 1700 (Band IV):

Section in CFR 47	Section in RSS-GEN	Name of the test	Result
15.107, a	7.2.4	AC powerline conducted emissions	NP
15.109, a	6.1	Radiated emissions	PASSED

LTE700 Lower (Band 17):

Section in CFR 47	Section in RSS-GEN	Name of the test	Result
15.107, a	7.2.4	AC powerline conducted emissions	NP
15.109, a	6.1	Radiated emissions	PASSED

PASSED
FAILED
NP

The EUT complies with the essential requirements in the standard.
The EUT does not comply with the essential requirements in the standard.
The test was not performed by the TCC Nokia Laboratory.

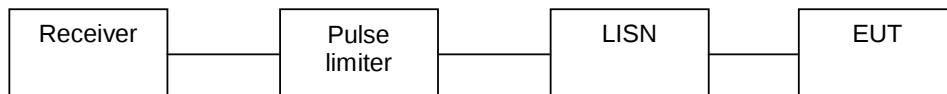
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2. AC powerline conducted emissions (FCC §15.107, RSS-GEN section 7.2.4)

EUT with DUT number	RM-995, DUT 53964
Accessories with DUT numbers	BV-4BWA(Sony) , DUT 53967 ; WH-108, DUT 53782 ; CA-190CD, DUT 53970 ; IBM T43, DUT 52468 ; HP C6427A, DUT 51838 ; -, DUT 53508 ; 02K6749, DUT 53509
Operation Voltage [V] / [Hz]	115 / 60
Results	PASSED
Remarks	-
Temp [°C] / Humidity [%RH] / Air Pressure [kPa]	19/28/101.6
Date of measurements	29-Nov-2013
Measured by	Gao Sherina

2.1. Test Setup



2.2. Test method and limit

The measurement is made according to ANSI C63.4-2003 as follows:

The EUT is placed on a wooden table 80 cm above the reference groundplane.

The EUT is connected via LISN to a test power supply.

The measurement results are obtained as described below:

$$U [dB\mu V] = U_{RX} + A_{TOT}$$

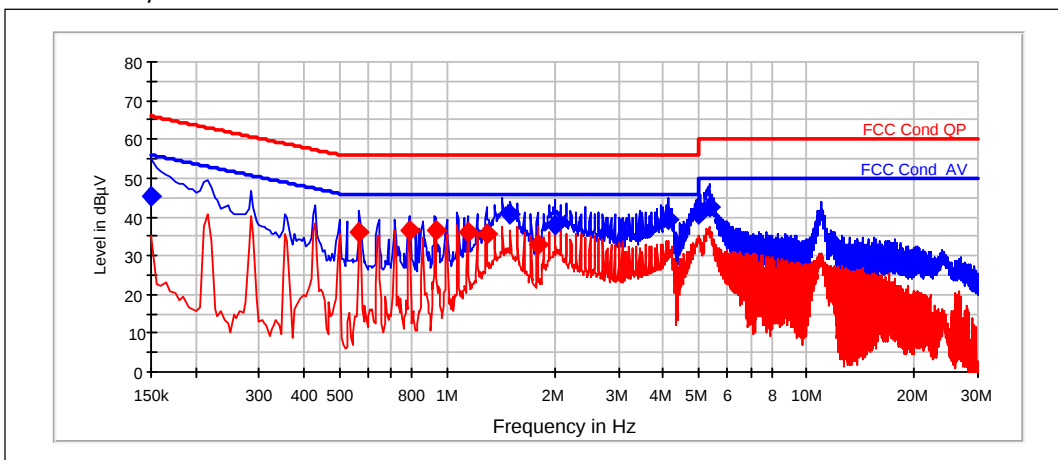
Where U_{RX} is receiver reading and A_{TOT} is total correction factor including cable and pulse limiter attenuations.

CISPR 22 Class B limits

Frequency range [MHz]	Quasi peak limit [dBμV]	Average limit [dBμV]
0.15 - 0.5	66 - 56	56 - 46
0.5 - 5	56	46
5 - 30	60	50

2.3. GSM 1900 Test results

Channel 661 / 1880.0 MHz



QuasiPeak (RBW: 9 kHz)

Frequency [MHz]	U [dBμV]	Line	Result
0.15	45.32	L1	PASSED
1.5	40.91	L1	PASSED
2	37.85	N	PASSED
4.145	39.39	L1	PASSED
5.005	40.82	L1	PASSED
5.365	42.39	N	PASSED

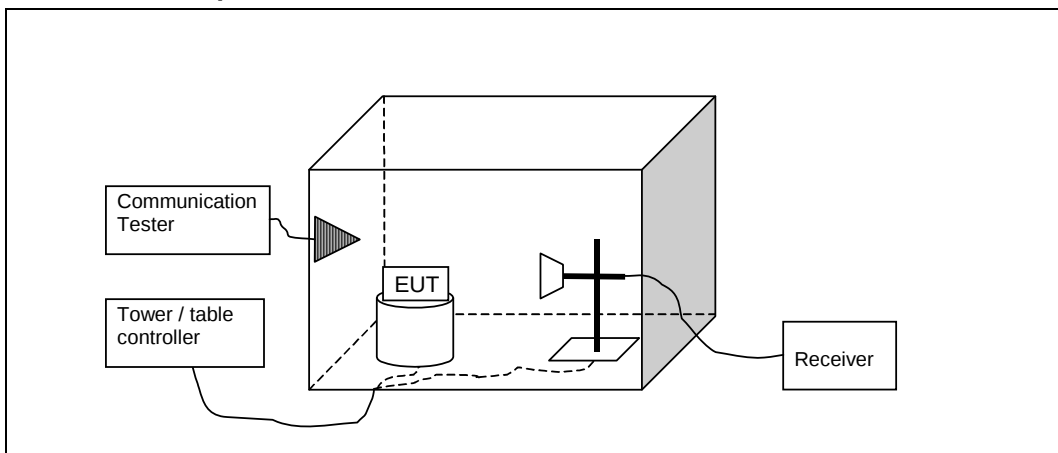
Average (RBW: 9 kHz)

Frequency [MHz]	U [dBμV]	Line	Result
0.57	36.07	L1	PASSED
0.785	36.32	L1	PASSED
0.93	36.74	L1	PASSED
1.145	35.94	L1	PASSED
1.285	35.55	L1	PASSED
1.785	32.73	L1	PASSED

3. Radiated emissions (FCC §15.109, RSS-GEN section 6.1)

EUT with DUT number	RM-995, DUT 53964
Accessories with DUT numbers	BV-4BWA(Sony) , DUT 53967 ; CA-190CD, DUT 53970 ; WH-108, DUT 53782 ; IBM T43, DUT 52468 ; HP C6427A, DUT 51838 ; -, DUT 53508 ; 02K6749, DUT 53509
Operation Voltage [V] / [Hz]	115 / 60
Results	PASSED
Remarks	-
Temp [°C] / Humidity [%RH] / Air Pressure [kPa]	19 / 35 /101.5 to 18/28/102
Date of measurements	15-Nov-2013 to 19-Nov-2013
Measured by	Zou Ming

3.1.1 Test setup



3.2. Test method and limit

The measurement is made according to ANSI C63.4-2003as follows:

The measurement is performed in the Semi-Anechoic Chamber with conducting metal floor.

The measurement distance is 3 m.

The EUT is placed on a nonconductive plate at 80 cm height.

For each suspected frequency, the turntable is rotated 360 degrees and antenna is scanned from 1 to 4 m. This is repeated for both horizontal and vertical receive antenna polarizations.

The emissions less than 20 dB below the permissible value are reported.

The measurement results are obtained as described below:

$$E \text{ [dB}\mu\text{V/m]} = U_{RX} + A_{TOT}$$

Where U_{RX} is receiver reading and A_{TOT} is total correction factor including cable loss, antenna factor and preamplifier gain ($A_{TOT} = L_{CABLES} + A_F - G_{PREAMP}$).

CISPR 22 and FCC Part 15 Class B limits (3 m measurement distance)

Frequency range [MHz]	Quasi peak limit [dBμV/m]	Average limit [dBμV/m]	Peak limit [dBμV/m]
30 - 230	40	-	-
230 – 1000	47	-	-
1000 - 3000	-	50	70
Above 3000	-	54	74

3.3. GSM1900 test results

RX mode, channel 512 / 1930.2 MHz

Peak (RBW: 1 MHz, VBW: 1 MHz)

Frequency [MHz]	E [dBμV/m]	E [μV/m]	U _{RX} [dBμV]	A _{TOT} [dB]	Margin	Limit [dBμV/m]	Results
3859.6	40.49	105.791	40.87	-0.38	33.5	74	PASSED
7718.7	48.91	278.773	38.55	10.36	25.1	74	PASSED

Average (RBW: 1 MHz, VBW: 1 MHz)

Frequency [MHz]	E [dBμV/m]	E [μV/m]	U _{RX} [dBμV]	A _{TOT} [dB]	Margin	Limit [dBμV/m]	Results
3859.6	26.8	21.875	27.18	-0.38	27.2	54	PASSED
7718.7	35.74	61.263	25.38	10.36	18.3	54	PASSED

RX mode, channel 661 / 1960.0 MHz

Quasi peak (RBW: 100 kHz, VBW: 100 kHz)

Frequency [MHz]	E [dBμV/m]	E [μV/m]	U _{RX} [dBμV]	A _{TOT} [dB]	Margin	Limit [dBμV/m]	Results
30.09	20.98	11.198	28.68	-7.7	19	40	PASSED
107.988	36.55	67.236	62.42	-25.87	3.4	40	PASSED
218.113	35.25	57.883	61.06	-25.81	4.7	40	PASSED

Peak (RBW: 1 MHz, VBW: 1 MHz)

Frequency [MHz]	E [dBμV/m]	E [μV/m]	U _{RX} [dBμV]	A _{TOT} [dB]	Margin	Limit [dBμV/m]	Results
2408.719	43.14	143.483	43.62	-0.48	26.9	70	PASSED
2417.137	42.43	132.312	42.87	-0.44	27.6	70	PASSED
2424.65	42.69	136.223	43.13	-0.44	27.3	70	PASSED
2435.973	42.36	131.22	42.62	-0.26	27.6	70	PASSED
2444.288	42.13	127.747	42.38	-0.25	27.9	70	PASSED
2449.302	43.17	144.046	43.24	-0.07	26.8	70	PASSED
2455.615	42.46	132.663	42.38	0.08	27.5	70	PASSED
2463.329	42.32	130.602	42.25	0.07	27.7	70	PASSED
3000.5	39.72	96.828	41.13	-1.41	34.3	74	PASSED
3921.6	39.5	94.45	39.91	-0.41	34.5	74	PASSED
7822.241	50.38	330.293	39.79	10.59	23.6	74	PASSED
7834.267	48.79	275.106	38.19	10.6	25.2	74	PASSED
7840.9	49.16	287.144	38.56	10.6	24.8	74	PASSED
7857.719	49.6	301.856	38.94	10.67	24.4	74	PASSED
7861.723	49.13	286.154	38.43	10.7	24.9	74	PASSED

Average (RBW: 1 MHz, VBW: 1 MHz)

Frequency [MHz]	E [dBμV/m]	E [μV/m]	U _{RX} [dBμV]	A _{TOT} [dB]	Margin	Limit [dBμV/m]	Results
2408.719	29.76	30.772	30.24	-0.48	20.2	50	PASSED
2417.137	29.68	30.472	30.12	-0.44	20.3	50	PASSED
2424.65	29.64	30.325	30.08	-0.44	20.4	50	PASSED
2435.973	29.71	30.584	29.97	-0.26	20.3	50	PASSED
2444.288	29.79	30.875	30.04	-0.25	20.2	50	PASSED
2449.302	29.79	30.871	29.86	-0.07	20.2	50	PASSED

2455.615	29.78	30.821	29.7	0.08	20.2	50	PASSED
2463.329	29.58	30.12	29.51	0.07	20.4	50	PASSED
3000.5	25.8	19.496	27.21	-1.41	28.2	54	PASSED
3921.6	26.59	21.345	27	-0.41	27.4	54	PASSED
7822.241	36.39	66.024	25.8	10.59	17.6	54	PASSED
7834.267	36.39	65.971	25.79	10.6	17.6	54	PASSED
7840.9	36.36	65.743	25.76	10.6	17.6	54	PASSED
7857.719	36.36	65.751	25.7	10.67	17.6	54	PASSED
7861.723	36.38	65.948	25.68	10.7	17.6	54	PASSED

RX mode, channel 810 / 1989.8 MHz

Peak (RBW: 1 MHz, VBW: 1 MHz)

Frequency [MHz]	E [dBμV/m]	E [μV/m]	U _{RX} [dBμV]	A _{TOT} [dB]	Margin	Limit [dBμV/m]	Results
3981	41.28	115.931	41.49	-0.21	32.7	74	PASSED
7958.4	48.99	281.449	37.94	11.05	25	74	PASSED

Average (RBW: 1 MHz, VBW: 1 MHz)

Frequency [MHz]	E [dBμV/m]	E [μV/m]	U _{RX} [dBμV]	A _{TOT} [dB]	Margin	Limit [dBμV/m]	Results
3981	26.8	21.87	27.01	-0.21	27.2	54	PASSED
7958.4	36.55	67.189	25.5	11.05	17.5	54	PASSED

3.4. WCDMA 1700 (Band IV) test results

Channel 1312 / 1712.4 MHz

Peak (RBW: 1 MHz, VBW: 1 MHz)

Frequency [MHz]	E [dBμV/m]	E [μV/m]	U _{RX} [dBμV]	A _{TOT} [dB]	Margin	Limit [dBμV/m]	Results
4224.6	40.95	111.519	40.52	0.43	33.1	74	PASSED
6336.1	47.75	244.146	42.75	5.01	26.2	74	PASSED

Average (RBW: 1 MHz, VBW: 1 MHz)

Frequency [MHz]	E [dBμV/m]	E [μV/m]	U _{RX} [dBμV]	A _{TOT} [dB]	Margin	Limit [dBμV/m]	Results
4224.6	28.22	25.772	27.79	0.43	25.8	54	PASSED
6336.1	34.93	55.776	29.93	5.01	19.1	54	PASSED

Channel 1450 / 1740.0 MHz

Quasi peak (RBW: 100 kHz, VBW: 100 kHz)

Frequency [MHz]	E [dBμV/m]	E [μV/m]	U _{RX} [dBμV]	A _{TOT} [dB]	Margin	Limit [dBμV/m]	Results
85.701	20.66	10.786	48.02	-27.36	19.3	40	PASSED
103.192	31.76	38.73	58.04	-26.28	8.2	40	PASSED
108.326	34.86	55.329	60.79	-25.93	5.1	40	PASSED
128.946	27.12	22.701	53.26	-26.14	12.9	40	PASSED
171.553	22.98	14.095	50.52	-27.54	17	40	PASSED
220.58	37.21	72.535	62.87	-25.66	2.8	40	PASSED
257.404	28.42	26.369	52.8	-24.38	18.6	47	PASSED
300.04	29.07	28.418	51.84	-22.77	17.9	47	PASSED
796.343	32.49	42.126	46.09	-13.6	14.5	47	PASSED

Peak (RBW: 1 MHz, VBW: 1 MHz)

Frequency [MHz]	E [dBμV/m]	E [μV/m]	U _{RX} [dBμV]	A _{TOT} [dB]	Margin	Limit [dBμV/m]	Results
2138.1	41.62	120.448	44.11	-2.49	28.4	70	PASSED
3000	46.43	209.532	42	4.43	27.6	74	PASSED
4281.1	39.57	95.115	39.18	0.39	34.4	74	PASSED
6418.5	48.69	271.863	43	5.69	25.3	74	PASSED
7822.247	49.27	290.703	38.68	10.59	24.7	74	PASSED
7834.773	49.29	291.273	38.69	10.6	24.7	74	PASSED
7850.001	49.41	295.461	38.81	10.6	24.6	74	PASSED
7854.208	49.2	288.27	38.56	10.64	24.8	74	PASSED

Average (RBW: 1 MHz, VBW: 1 MHz)

Frequency [MHz]	E [dBμV/m]	E [μV/m]	U _{RX} [dBμV]	A _{TOT} [dB]	Margin	Limit [dBμV/m]	Results
2138.1	28.31	26.017	30.8	-2.49	21.7	50	PASSED
3000	33.65	48.145	29.22	4.43	20.3	54	PASSED
4281.1	27.1	22.636	26.71	0.39	26.9	54	PASSED
6418.5	35.8	61.681	30.11	5.69	18.2	54	PASSED
7822.247	36.44	66.351	25.85	10.59	17.6	54	PASSED
7834.773	36.46	66.543	25.86	10.6	17.5	54	PASSED

7850.001	36.36	65.796	25.76	10.6	17.6	54	PASSED
7854.208	36.44	66.382	25.8	10.64	17.6	54	PASSED

Channel 1513 / 1752.6 MHz

Peak (RBW: 1 MHz, VBW: 1 MHz)

Frequency [MHz]	E [dBμV/m]	E [μV/m]	U _{RX} [dBμV]	A _{TOT} [dB]	Margin	Limit [dBμV/m]	Results
4305.3	41.4	117.517	41	0.4	32.6	74	PASSED
6456.6	50.26	325.912	43.98	6.28	23.7	74	PASSED

Average (RBW: 1 MHz, VBW: 1 MHz)

Frequency [MHz]	E [dBμV/m]	E [μV/m]	U _{RX} [dBμV]	A _{TOT} [dB]	Margin	Limit [dBμV/m]	Results
4305.3	29.53	29.954	29.13	0.4	24.5	54	PASSED
6456.6	36.72	68.565	30.44	6.28	17.3	54	PASSED

3.5. LTE700 Lower (Band 17) test results

Channel 23755 / 706.5 MHz

Peak (RBW: 1 MHz, VBW: 1 MHz)

Frequency [MHz]	E [dBμV/m]	E [μV/m]	U _{RX} [dBμV]	A _{TOT} [dB]	Margin	Limit [dBμV/m]	Results
1472.1	36.47	66.589	43.25	-6.78	33.5	70	PASSED
2209.8	41.84	123.552	43.49	-1.65	28.2	70	PASSED
3000.1	38.52	84.285	39.92	-1.4	35.5	74	PASSED

Average (RBW: 1 MHz, VBW: 1 MHz)

Frequency [MHz]	E [dBμV/m]	E [μV/m]	U _{RX} [dBμV]	A _{TOT} [dB]	Margin	Limit [dBμV/m]	Results
1472.1	23.65	15.228	30.43	-6.78	26.3	50	PASSED
2209.8	28.64	27.027	30.29	-1.65	21.4	50	PASSED
3000.1	26.02	19.999	27.42	-1.4	28	54	PASSED

Channel 23790 / 710 MHz

Quasi peak (RBW: 100 kHz, VBW: 100 kHz)

Frequency [MHz]	E [dBμV/m]	E [μV/m]	U _{RX} [dBμV]	A _{TOT} [dB]	Margin	Limit [dBμV/m]	Results
103.345	29.14	28.648	55.41	-26.27	10.9	40	PASSED
108.427	32.81	43.692	58.75	-25.94	7.2	40	PASSED
129.908	30.63	34.009	56.85	-26.22	9.4	40	PASSED
150.02	28.12	25.48	55.7	-27.58	11.9	40	PASSED
220.771	39.56	95.06	65.21	-25.65	0.4	40	PASSED
300.37	27.46	23.597	50.21	-22.75	19.5	47	PASSED
741.27	41.62	120.504	55.6	-13.98	5.4	47	PASSED

Peak (RBW: 1 MHz, VBW: 1 MHz)

Frequency [MHz]	E [dBμV/m]	E [μV/m]	U _{RX} [dBμV]	A _{TOT} [dB]	Margin	Limit [dBμV/m]	Results
1479.1	36.21	64.655	43.12	-6.91	33.8	70	PASSED
2220.7	41.81	123.126	43.25	-1.44	28.2	70	PASSED
2130.76	40.85	110.332	43.36	-2.51	29.1	70	PASSED
2816.13	44.19	161.957	41.38	2.82	25.8	70	PASSED
2851.407	45.07	179.184	42	3.07	24.9	70	PASSED
3000.1	39.36	92.918	40.76	-1.4	34.6	74	PASSED
7818.338	49.74	306.902	39.18	10.56	24.3	74	PASSED
7827.251	49.66	304.018	39.06	10.6	24.3	74	PASSED
7840.079	49.29	291.273	38.69	10.6	24.7	74	PASSED
7852.905	49.43	296.244	38.8	10.63	24.6	74	PASSED

Average (RBW: 1 MHz, VBW: 1 MHz)

Frequency [MHz]	E [dBμV/m]	E [μV/m]	U _{RX} [dBμV]	A _{TOT} [dB]	Margin	Limit [dBμV/m]	Results
1479.1	23.53	15.019	30.44	-6.91	26.5	50	PASSED
2220.7	29.02	28.255	30.46	-1.44	21	50	PASSED
2130.76	28.04	25.238	30.55	-2.51	22	50	PASSED
2816.13	31.91	39.396	29.1	2.82	18.1	50	PASSED
2851.407	32.09	40.225	29.02	3.07	17.9	50	PASSED
3000.1	26.18	20.359	27.58	-1.4	27.8	54	PASSED
7818.338	36.33	65.539	25.77	10.56	17.7	54	PASSED
7827.251	36.31	65.373	25.71	10.6	17.7	54	PASSED
7840.079	36.27	65.11	25.67	10.6	17.7	54	PASSED
7852.905	36.29	65.245	25.66	10.63	17.7	54	PASSED

Channel 23825 / 713.5 MHz

Peak (RBW: 1 MHz, VBW: 1 MHz)

Frequency [MHz]	E [dBμV/m]	E [μV/m]	U _{RX} [dBμV]	A _{TOT} [dB]	Margin	Limit [dBμV/m]	Results
1485	39.3	92.247	46.26	-6.96	30.7	70	PASSED
2230.3	42.43	132.282	43.61	-1.18	27.6	70	PASSED

Average (RBW: 1 MHz, VBW: 1 MHz)

Frequency [MHz]	E [dBμV/m]	E [μV/m]	U _{RX} [dBμV]	A _{TOT} [dB]	Margin	Limit [dBμV/m]	Results
1485	23.68	15.27	30.64	-6.96	26.3	50	PASSED
2230.3	29.23	28.947	30.41	-1.18	20.8	50	PASSED

4. Test Equipment

4.1. Conducted measurements

Eq. No	Equipment	Type	Manufacturer	Used in
-	RF Emission Software	EMC32 Test Software	R&S	22/24/27, 15C, 15B
BJPCHW0020	DC Power supply	HP6632B	HP	22/24/27, 15C
BJPCPT0040	Receiver	ESCS30	R&S	15C, 15B
BJPCPT0069	LISN 50 μ H	ESH3-Z5	R&S	15C, 15B
BJPCTC0323	Signal Generator	SMR 27	R&S	22/24/27, 15C, 15B
BJPCPT0073	Signal Generator	SMR 20	R&S	22/24/27, 15C, 15B
BJPCPT0191	Pulse Limiter	ESH3-Z2	R&S	15C, 15B
BJPCPT0208	UPS	PULSAR RX10	Merlin gerin	15C, 15B
BJPCTC0001	DIGITAL CAMERA	PC1015	CANON	15C, 15R
BJPCTC0017	Communication Tester	CMU200	R&S	22/24/27, 15C, 15B
BJPCTC0062	AC Power source	6812B	Hp	15C, 15B
BJPCTC0067	Bluetooth Tester	CBT	R&S	22/24/27, 15C
BJPCTC0082	Humidity and Temperature Sensor	175-H2	Testo	15B, 15C
BJPCTC0088	Absolut pressure meter	testo 511	Testo	22/24/27, 15B, 15C
BJPCTC0089	Tempreture Test chamber	VT4002	Votsch industrietechnik	22/24/27, 15C
BJPCTC0090	FSP spectrum analyzer	FSP30	R&S	22/24/27, 15C
BJPCTC0094	GPIO-RS232 convertor	GPIO-RS232	NI	22/24/27, 15C
BJPCTC0112	Power Splitter	11667B	Agilent	22/24/27, 15C
BJPCTC0115	Communication Tester	CMU200	R&S	22/24/27, 15B, 15C
BJPCTC0127	AC Power source	SOYI-500VA	SOYI	15B 15C
BJPCTC0128	Communication antenna	JXTXLB-10180	A-INFOMW	22/24/27 15B 15C
BJPCTC0129	Communication antenna	JXTXLB-10180	A-INFOMW	22/24/27 15B 15C
BJPCTC0131	Communication tester	CMW500	R&S	22/24/27 15B 15C
BJPCTC0136	Communication antenna	JXTXLB-880-NF	A-INFOMW	15B 15C
BJPCTC0306	Power Splitter	11667B	Agilent	22/24/27, 15C
BJPCTC0305	GPIO converter	GPIO-RS232	NI	22/24/27, 15C
BJPCTC0304	Spectrum Analyser	FSV30	R&S	22/24/27, 15C
BJPCTC0309	GPIO-RS232 convertor	RS232	NI	22/24/27, 15C
BJPCTC0307	Dual channel battery/charger simulator	2306	KEITHLEY	22/24/27, 15C
BJPCTC0308	Dual channel battery/charger simulator	2306	KEITHLEY	22/24/27, 15C
BJPCHW0571	Signal Generator 20GHz	MG3692B	Anritsu	22/24/27, 15C
BJBDATC0169	Tempreture Test chamber	VT4002	Votsch	22/24/27, 15C

4.2. Radiated measurements

Eq. No	Equipment	Type	Manufacturer	Used in
-	BT / WLAN Antenna	SPA 2400/75/9/0/V	Huber-Suhner	15C, 15B
-	BT / WLAN Antenna	SPA 2400/75/9/0/V	Huber-Suhner	15C, 15B
-	RF Emission Software	EMC32 Test Software	R&S	22/24/27, 15C, 15B
BJPCPT0072	Receiver	ESI B26	R&S	22/24/27, 15C, 15B
BJPCPT0150	High Pass Filter	WHKS1200-10SS	Wainwright	22/24/27, 15C, 15B
BJPCPT0151	Band Reject Filter	WRCD1880/2000-0.2/40-5SSK	Wainwright	24, 15B
BJPCPT0154	Band Reject Filter	WRCT2402/2480-2400/2483.5-30-20SS	Wainwright	15C, 15B
BJPCPT0166	Antenna	VUBA 9117	Swarzbeck	22/24/27
BJPCPT0208	UPS	PULSAR RX10	Merlin gerin	15C, 15B
BJPCTC0001	DIGITAL CAMERA	PC1015	CANON	15C, 15R
BJPCTC0007	Antenna	HL562	R&S	22/24/27, 15C, 15B
BJPCTC0029	Antenna	HF906	R&S	22/24/27, 15C, 15B

Eq. No	Equipment	Type	Manufacturer	Used in
BJPCTC0034	Band Reject Filter	WRCT 800/880-0.2/40-5SSK	Wainwright	22, 15B
BJPCTC0049	Preamplifier	Blma 0118-1A-Bt	Bonn	22/24/27, 15C, 15B
BJPCTC0055	Communication Tester	CMU200	R&S	22/24/27, 15C, 15B
BJPCTC0058	Bluetooth Tester	CBT	R&S	15C, 15B
BJPCTC0062	AC Power source	6812B	Hp	15C, 15B
BJPCTC0064	Band Reject Filter	WRCG1877/1883-1870/1890-40/6SS	Wainwright	24, 15B
BJPCTC0071	Multi-Device Controller	2090	EMCO	22/24/27, 15C, 15B
BJPCTC0072	Anechoic Chamber	3 m Semi / Full Anechoic Chamber	ETS	22/24/27, 15C, 15B
BJPCTC0073	MAST	Model-TR/POL	ETS	22/24/27, 15C, 15B
BJPCTC0074	MAST	Model 2070-2	ETS	22/24/27, 15C, 15B
BJPCTC0075	Turntable	Model 2188	ETS-EMCO	22/24/27, 15C, 15B
BJPCTC0081	Humidity and Temperature Sensor	175-H2	Testo	15B, 15C
BJPCTC0088	Absolut pressure meter	testo 511	Testo	22/24/27, 15B, 15C
BJPCTC0113	Receiver	ESI B26	R&S	22/24/27, 15B, 15C
BJPCTC0115	Communication Tester	CMU200	R&S	22/24/27, 15B, 15C
BJPCTC0124	Attenuator	SA18N200W-40	Fairview Microwave	-
BJPCTC0125	Loop Antenna	HFH2-Z2	R&S	15C
BJPCTC0126	Tripod	FHU-Z	R&S	15C
BJPCTC0128	Communication antenna	JXTXLB-10180	A-INFOMW	22/24/27 15B 15C
BJPCTC0129	Communication antenna	JXTXLB-10180	A-INFOMW	22/24/27 15B 15C
BJPCTC0131	Communication tester	CMW500	R&S	22/24/27 15B 15C
BJPCTC0133	Open Swith and contril unit	OSP 150	R&S	15B, 15C
BJPCTC0134	Open Swith and contril unit	OSP 150	R&S	15B, 15C
BJPCTC0135	Open Swith and contril unit	OSP 130	R&S	15B, 15C
BJPCTC0136	Communication antenna	JXTXLB-880-NF	A-INFOMW	15B 15C
BJPCTC0171	Broad-band Horn Antenna	BBHA9120 D	SCHWARZBECK MESS - ELEKTRONIK	22/24/27, 15C, 15B
BJPCTC0310	Horn Antenna	QSH20SMA	Q-par	22/24/27, 15C, 15B
BJPCTC0311	Horn Antenna	QSH18SMA	Q-par	22/24/27, 15C, 15B
BJPCTC0312	Relay Switch Unit	-	-	22/24/27, 15C, 15B
BJPCTC0313	High Pass Filter	WHKX1.0/15G-12SS	Wainwright	22/24/27, 15C, 15B
BJPCTC0314	High Pass Filter	WHKX8.0/18G-88SS	Wainwright	22/24/27, 15C, 15B
BJPCTC0315	High Pass Filter	WHKX3.0/18G-12SS	Wainwright	22/24/27, 15C, 15B
BJPCTC0316	Preamplifier	AMT-5F-18002550-25-108	-	22/24/27, 15C, 15B
BJPCTC0317	Preamplifier	AMF-6D-02001800-29-20P	-	22/24/27, 15C, 15B
BJPCTC0318	Preamplifier	AFS42-00101500-25-10P-42	-	22/24/27, 15C, 15B
BJPCTC0324	Preamplifier	AFS4-00100300-20-23P-6	Miteq	22/24/27, 15C, 15B
BJPCTC0329	Relay Switch Unit	-	-	22/24/27, 15C, 15B