

FCC Part 15B Compliance Test Report

Test Report no.:	Salo_FCC_0811_03.doc	Date of Report:	28-Mar-2008
Number of pages:	15	Customer's Contact person:	Niko Balabanis
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FCC listing no.:	533467		
IC recognition no.:	661V-1		
Tested devices/ accessories:	Internet Table RX-48 / Battery BP-4L, Data Cable CA-101, AC-Charger AC-4U, Laptop T-30 and Printer C3941A		
FCC ID:	LJPRX-48	IC:	661E-RX48
Supplement reports:	-		
Testing has been carried out in accordance with:	CFR 47, FCC rules Part 15 Subpart B, ANSI C63.4 (2003), ICES-003, CISPR 22 and IC standards RSS-132 (Issue 2, September 2005), RSS-133 (Issue 3, June 2005) and RSS-210 (Issue 7, June 2007). 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:			

Anni Manninen, Test System Manager

1. Summary for FCC Part 15B Compliance Test Report

Date of receipt	03-Mar-2008
Testing completed	12-Mar-2008
The customer's contact person	Niko Balabanis
Test Plan referred to	T:\Projects\RX-48\TestPlan_RS\RS_Test_Plan_RX-48.xls
Notes	-
Document name	T:\Projects\accessor\RX-48\EMC\Results\FCC\Salo_FCC_0811_03.doc

1.1. EUT and Accessory Information

The EUT is a Bluetooth and WLAN device. WCDMA band is tested in idle mode. Bluetooth and WLAN are tested with maximum rated TX power.

Product	Type	SN	HW	MV	SW	DUT
Internet Table	RX-48	Z4A030972	0901	-	-	12603
Battery	BP-4L	3932137173130118147;0670519	-	-	-	12604
AC-Charger	AC-4U	1103337225281314121;0675379	-	-	-	12623
Data Cable	CA-101	07306347495A1247367	-	-	-	12624
Laptop	T-30	99-ZYGY7	-	-	-	11358
Printer H&P LaserJet 5L	C3941A	CNVMO55419	-	-	-	10854

1.2. Summary of Test Results

Bluetooth:

Section in CFR 47	Section in ICES-003	Name of the test	Result
15.107, a	5.3	AC powerline conducted emissions	PASSED
15.109, a	5.5	Radiated emissions	PASSED

WLAN:

Section in CFR 47	Section in ICES-003	Name of the test	Result
15.107, a	5.3	AC powerline conducted emissions	PASSED
15.109, a	5.5	Radiated emissions	PASSED

WIMAX:

Section in CFR 47	Section in ICES-003	Name of the test	Result
15.107, a	5.3	AC powerline conducted emissions	PASSED
15.109, a	5.5	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 Salo Laboratory.

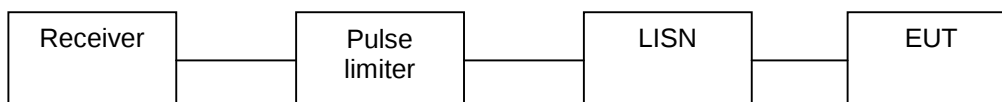
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2. AC powerline conducted emissions (FCC §15.107, ICES-003 section 5.3)

EUT with DUT number	RX-48, DUT 12603
Accessories with DUT numbers	BP-4L, DUT 12604; CA-101, DUT 12624; AC-4U, DUT 12623; T-30, DUT 11358; C3941A, DUT 10850
Operation Voltage [V] / [Hz]	115 / 60
Result	PASSED
Remarks	Continuous data transfer was active between the phone and the computer during the test.
Temp [°C] / Humidity [%RH] / Air Pressure [kPa]	21 / 40 / 101
Date of measurements	12-Mar-2008
Measured by	Anni Manninen

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:

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

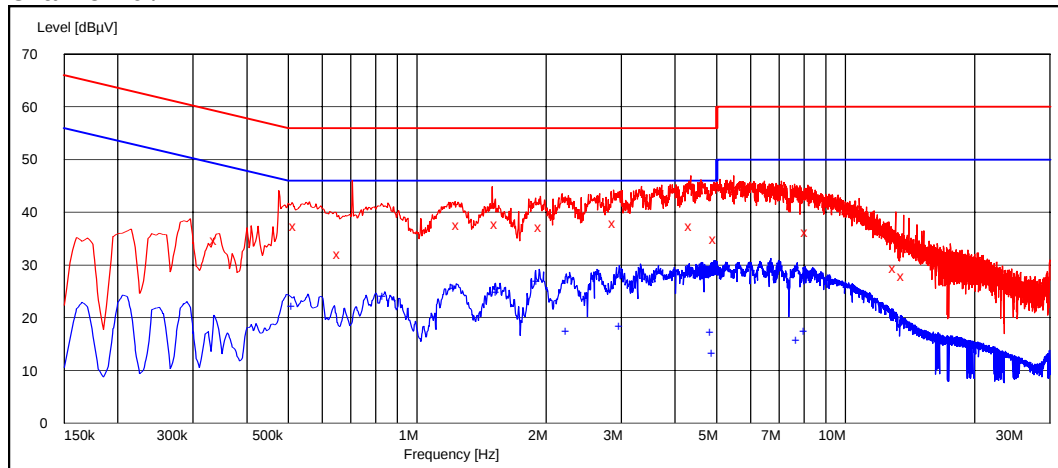
Where U_{RX} is receiver reading and A_{TOT} is total correction factor including cable and pulse limiter attenuations.

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. Bluetooth Test results

Channel 40 / 2442 MHz



Quasi peak (RBW: 9 kHz)

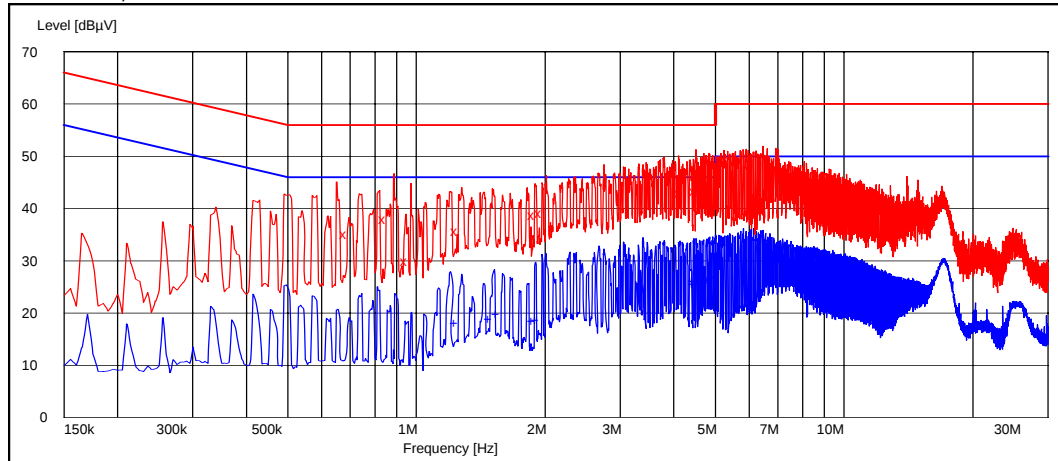
Frequency [MHz]	U [dBμV]	Line	Result
0.340000	34.70	L1	PASSED
0.520000	37.40	L1	PASSED
0.660000	32.10	N	PASSED
1.250000	37.60	L1	PASSED
1.535000	37.80	L1	PASSED
1.945000	37.20	L1	PASSED
2.900000	38.00	L1	PASSED
4.360000	37.30	L1	PASSED
4.980000	35.00	N	PASSED
8.145000	36.20	L1	PASSED
13.065000	29.40	L1	PASSED
13.690000	27.80	L1	PASSED

Average (RBW: 9 kHz)

Frequency [MHz]	U [dBμV]	Line	Result
0.515000	22.10	L1	PASSED
0.840000	24.20	L1	PASSED
1.230000	25.50	L1	PASSED
1.545000	24.90	L1	PASSED
1.925000	26.90	L1	PASSED
2.250000	17.50	N	PASSED
2.995000	18.50	N	PASSED
4.895000	17.30	N	PASSED
4.935000	13.40	N	PASSED
7.765000	15.70	N	PASSED
8.095000	17.40	L1	PASSED

2.4. WLAN Test results

RX mode, channel 7 / 2442 MHz



Quasi peak (RBW: 9 kHz)

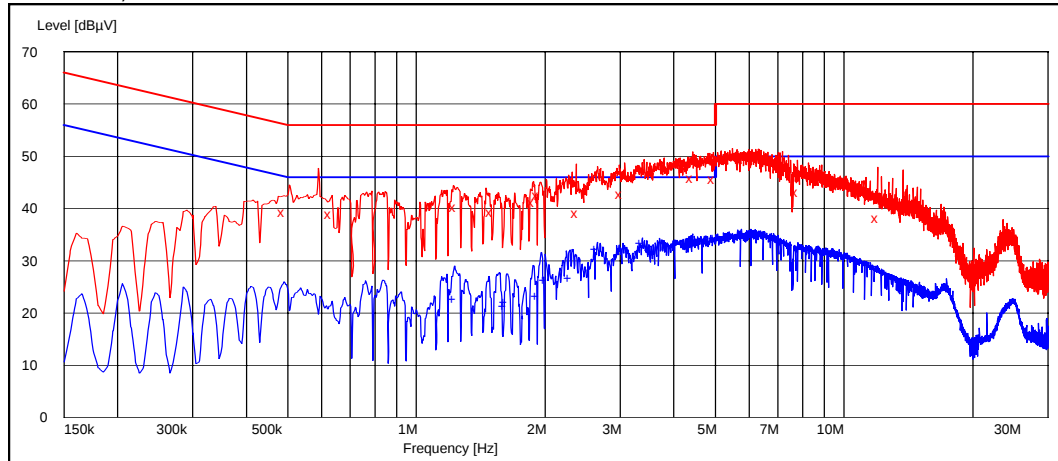
Frequency [MHz]	U [dBμV]	Line	Result
0.685000	35.10	L1	PASSED
0.845000	38.00	L1	PASSED
0.950000	29.90	N	PASSED
1.245000	35.60	N	PASSED
1.885000	38.70	L1	PASSED
1.955000	39.20	L1	PASSED
4.150000	42.90	L1	PASSED
4.510000	43.30	L1	PASSED
4.740000	41.80	N	PASSED
4.795000	41.10	N	PASSED
4.875000	43.60	L1	PASSED
4.915000	43.30	L1	PASSED

Average (RBW: 9 kHz)

Frequency [MHz]	U [dBμV]	Line	Result
1.240000	18.00	L1	PASSED
1.490000	18.90	L1	PASSED
1.555000	19.90	L1	PASSED
1.880000	18.40	L1	PASSED
1.920000	18.70	L1	PASSED
3.425000	24.60	L1	PASSED
4.460000	25.50	L1	PASSED
4.465000	26.10	L1	PASSED
4.830000	26.20	L1	PASSED
4.910000	26.30	L1	PASSED
4.970000	26.80	L1	PASSED

2.5. WiMAX Test results

RX mode, Channel 368 / 2593MHz



Quasi peak (RBW: 9 kHz)

Frequency [MHz]	U [dBμV]	Line	Result
0.490000	39.30	L1	PASSED
0.630000	39.00	L1	PASSED
1.235000	40.20	L1	PASSED
1.500000	39.30	L1	PASSED
1.880000	41.20	L1	PASSED
1.930000	42.50	L1	PASSED
2.380000	39.20	N	PASSED
3.025000	42.80	L1	PASSED
4.415000	45.80	L1	PASSED
4.960000	45.60	L1	PASSED
7.775000	43.10	L1	PASSED
11.985000	38.20	L1	PASSED

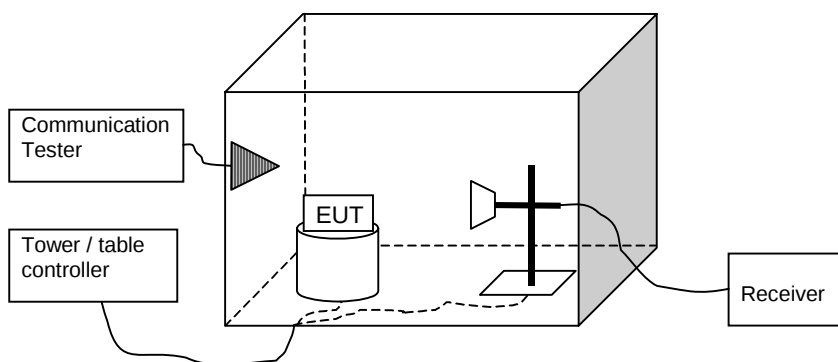
Average (RBW: 9 kHz)

Frequency [MHz]	U [dBμV]	Line	Result
1.225000	22.60	N	PASSED
1.605000	21.30	N	PASSED
1.615000	22.10	L1	PASSED
1.920000	23.30	L1	PASSED
2.000000	26.20	L1	PASSED
2.285000	26.70	N	PASSED
2.635000	32.20	L1	PASSED
3.355000	33.30	L1	PASSED
4.405000	33.20	L1	PASSED
4.915000	33.70	L1	PASSED
4.995000	34.40	L1	PASSED

3. Radiated emissions (FCC §15.109, ICES-003 section 5.5, RSS-132 6.6, RSS-133 9)

EUT with DUT number	RX-48, DUT 12603
Accessories with DUT numbers	BP-4L, DUT 12604; CA-101, DUT 12624; AC-4U, DUT 12623; T-30, DUT 11358; C3941A, DUT 10850
Operation Voltage [V] / [Hz]	115 / 60
Result	PASSED
Remarks	Continuous data transfer was active between the phone and the computer during the test.
Temp [°C] / Humidity [%RH] / Air Pressure [kPa]	18 / 42 / 99.1
Date of measurements	10 – 11-Mar-2008
Measured by	Sami Lehtonen

3.1. 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:

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

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

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	-	-
Above 1000	-	54	74

3.3. Bluetooth Test results

Channel 0 / 2402 MHz

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

Frequency [MHz]	E [dBμV/m]	E [μV/m]	U _{RX} [dBμV]	A _{TOT} [dB]	Polarisation	Result
4804.000000	43.70	153.11	43.50	0.2	VERTICAL	PASSED
7206.000000	45.00	177.83	42.80	2.2	VERTICAL	PASSED

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

Frequency [MHz]	E [dBμV/m]	E [μV/m]	U _{RX} [dBμV]	A _{TOT} [dB]	Polarisation	Result
4804.000000	30.60	33.88	30.40	0.2	VERTICAL	PASSED
7206.000000	32.20	40.74	30.00	2.2	VERTICAL	PASSED

Channel 40 / 2442 MHz

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

Frequency [MHz]	E [dBμV/m]	E [μV/m]	U _{RX} [dBμV]	A _{TOT} [dB]	Polarisation	Result
38.176353	22.90	13.96	43.40	-20.5	VERTICAL	PASSED
74.567535	15.00	5.62	44.10	-29.1	HORIZONTAL	PASSED
83.467735	21.20	11.48	49.60	-28.4	HORIZONTAL	PASSED
114.430261	23.20	14.45	49.50	-26.3	HORIZONTAL	PASSED
126.832866	20.20	10.23	48.50	-28.3	VERTICAL	PASSED

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

Frequency [MHz]	E [dBμV/m]	E [μV/m]	U _{RX} [dBμV]	A _{TOT} [dB]	Polarisation	Result
4846.189379	43.90	156.68	43.10	0.8	VERTICAL	PASSED
13278.559118	53.30	462.38	40.70	12.6	VERTICAL	PASSED
13362.219439	53.30	462.38	39.90	13.4	VERTICAL	PASSED
15392.283567	53.10	451.86	37.80	15.3	VERTICAL	PASSED
15923.853707	53.90	495.45	37.30	16.6	VERTICAL	PASSED
16189.880762	55.90	623.73	38.50	17.4	VERTICAL	PASSED
17920.343687	56.40	660.69	37.40	19.0	VERTICAL	PASSED

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

Frequency [MHz]	E [dBμV/m]	E [μV/m]	U _{RX} [dBμV]	A _{TOT} [dB]	Polarisation	Result
4843.689379	30.90	35.08	30.10	0.8	VERTICAL	PASSED
13281.059118	40.40	104.71	27.80	12.6	VERTICAL	PASSED
13362.219439	40.60	107.15	27.20	13.4	VERTICAL	PASSED
15390.283567	39.80	97.72	24.60	15.2	VERTICAL	PASSED
15926.853707	41.00	112.20	24.40	16.6	VERTICAL	PASSED
16187.880762	42.30	130.32	24.90	17.4	VERTICAL	PASSED
17920.843687	43.90	156.68	24.90	19.0	VERTICAL	PASSED

Channel 78 / 2480 MHz

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

Frequency [MHz]	E [dBμV/m]	E [μV/m]	U _{RX} [dBμV]	A _{TOT} [dB]	Polarisation	Result
4960.000000	42.80	138.04	43.20	-0.4	VERTICAL	PASSED
7440.000000	46.60	213.80	43.50	3.1	HORIZONTAL	PASSED

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

Frequency [MHz]	E [dBμV/m]	E [μV/m]	U _{RX} [dBμV]	A _{TOT} [dB]	Polarisation	Result
4960.000000	29.90	31.26	30.30	-0.4	VERTICAL	PASSED
7440.000000	33.80	48.98	30.70	3.1	VERTICAL	PASSED

3.4. WLAN Test results

Channel 1 / 2412 MHz

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

Frequency [MHz]	E [dBμV/m]	E [μV/m]	U _{RX} [dBμV]	A _{TOT} [dB]	Polarisation	Result
4824.000000	44.20	162.18	43.70	0.5	HORIZONTAL	PASSED
7236.000000	45.70	192.75	43.40	2.3	VERTICAL	PASSED

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

Frequency [MHz]	E [dBμV/m]	E [μV/m]	U _{RX} [dBμV]	A _{TOT} [dB]	Polarisation	Result
4824.000000	31.80	38.90	31.30	0.5	HORIZONTAL	PASSED
7236.000000	33.10	45.19	30.80	2.3	VERTICAL	PASSED

Channel 7 / 2442 MHz

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

Frequency [MHz]	E [dBμV/m]	E [μV/m]	U _{RX} [dBμV]	A _{TOT} [dB]	Polarisation	Result
2494.036072	52.30	412.10	55.50	-3.2	VERTICAL	PASSED
4885.263527	46.90	221.31	46.30	0.6	HORIZONTAL	PASSED
12461.917836	53.00	446.68	42.20	10.8	VERTICAL	PASSED
13308.615230	53.60	478.63	40.80	12.8	VERTICAL	PASSED
15482.971944	53.80	489.78	38.50	15.3	VERTICAL	PASSED
15891.281563	54.80	549.54	38.10	16.7	VERTICAL	PASSED
16195.382766	54.90	555.90	37.40	17.5	VERTICAL	PASSED

17965.937876	55.80	616.60	37.40	18.4	VERTICAL	PASSED
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Average (RBW: 1 MHz, VBW: 1 MHz)

Frequency [MHz]	E [dBμV/m]	E [μV/m]	U _{RX} [dBμV]	A _{TOT} [dB]	Polarisation	Result
2494.036072	38.60	85.11	41.80	-3.2	VERTICAL	PASSED
4878.763527	32.40	41.69	31.70	0.7	HORIZONTAL	PASSED
12455.917836	39.70	96.61	28.90	10.8	VERTICAL	PASSED
13310.615230	40.60	107.15	27.80	12.8	VERTICAL	PASSED
15487.971944	40.20	102.33	24.80	15.4	VERTICAL	PASSED
15888.281563	41.80	123.03	25.10	16.7	VERTICAL	PASSED
16193.882766	42.40	131.83	24.90	17.5	VERTICAL	PASSED
17969.937876	43.30	146.22	24.90	18.4	VERTICAL	PASSED

Channel 11 / 2462 MHz

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

Frequency [MHz]	E [dBμV/m]	E [μV/m]	U _{RX} [dBμV]	A _{TOT} [dB]	Polarisation	Result
4924.000000	52.70	431.52	52.60	0.1	VERTICAL	PASSED
7386.000000	50.60	338.84	47.50	3.1	HORIZONTAL	PASSED

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

Frequency [MHz]	E [dBμV/m]	E [μV/m]	U _{RX} [dBμV]	A _{TOT} [dB]	Polarisation	Result
4924.000000	40.10	101.16	40.00	0.1	VERTICAL	PASSED
7386.000000	36.80	69.18	33.70	3.1	HORIZONTAL	PASSED

3.5. WIMAX Test results

RX mode, 2501 MHz

Peak (RBW: 1 MHz)

Frequency [MHz]	E [dBμV/m]	E [μV/m]	U _{RX} [dBμV]	A _{TOT} [dB]	Polarisation	Result
5002.000000	41.80	123.03	42.60	-0.80	HORIZONTAL	PASSED
7503.000000	46.60	213.80	42.70	3.90	HORIZONTAL	PASSED

Average (RBW: 1 MHz)

Frequency [MHz]	E [dBμV/m]	E [μV/m]	U _{RX} [dBμV]	A _{TOT} [dB]	Polarisation	Result
5002.000000	29.40	29.51	30.20	-0.80	VERTICAL	PASSED
7503.000000	34.50	53.09	30.60	3.90	VERTICAL	PASSED

RX mode, 2593 MHz

Quasi peak (RBW: 120 kHz)

Frequency [MHz]	E [dBμV/m]	E [μV/m]	U _{RX} [dBμV]	A _{TOT} [dB]	Polarisation	Result
128.035271	25.10	17.99	53.60	-28.50	HORIZONTAL	PASSED
135.649699	23.00	14.13	52.40	-29.40	VERTICAL	PASSED
137.935471	21.40	11.75	50.90	-29.50	VERTICAL	PASSED
332.865731	31.70	38.46	58.40	-26.70	VERTICAL	PASSED
400.100401	22.80	13.80	48.00	-25.20	VERTICAL	PASSED

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

Frequency [MHz]	E [dBμV/m]	E [μV/m]	U _{RX} [dBμV]	A _{TOT} [dB]	Polarisation	Result
4847.691383	43.30	146.22	42.40	0.90	VERTICAL	PASSED
12461.915832	52.40	416.87	41.60	10.80	VERTICAL	PASSED
13314.133267	54.30	518.80	41.50	12.80	VERTICAL	PASSED
13383.775551	53.20	457.09	39.80	13.40	VERTICAL	PASSED
15910.325651	54.40	524.81	37.60	16.80	VERTICAL	PASSED
16190.880762	55.30	582.10	37.90	17.40	VERTICAL	PASSED
17918.835671	56.60	676.08	37.70	18.90	VERTICAL	PASSED

Average (RBW: 1 MHz)

Frequency [MHz]	E [dBμV/m]	E [μV/m]	U _{RX} [dBμV]	A _{TOT} [dB]	Polarisation	Result
4847.691383	30.80	34.67	29.90	0.90	VERTICAL	PASSED
12454.415832	39.50	94.41	28.70	10.80	VERTICAL	PASSED
13316.133267	40.60	107.15	27.80	12.80	VERTICAL	PASSED
13387.775551	40.40	104.71	27.00	13.40	VERTICAL	PASSED
15916.325651	41.20	114.82	24.50	16.70	VERTICAL	PASSED
16192.880762	42.30	130.32	24.80	17.50	VERTICAL	PASSED
17918.335671	43.80	154.88	24.90	18.90	VERTICAL	PASSED

RX mode, 2685 MHz

Peak (RBW: 1 MHz)

Frequency [MHz]	E [dBμV/m]	E [μV/m]	U _{RX} [dBμV]	A _{TOT} [dB]	Polarisation	Result
5370.000000	44.50	167.88	43.20	1.30	HORIZONTAL	PASSED
8055.000000	48.50	266.07	43.50	5.00	VERTICAL	PASSED

Average (RBW: 1 MHz)

Frequency [MHz]	E [dBμV/m]	E [μV/m]	U _{RX} [dBμV]	A _{TOT} [dB]	Polarisation	Result
5370.000000	31.50	37.58	30.20	1.30	VERTICAL	PASSED
8055.000000	33.90	49.55	28.90	5.00	VERTICAL	PASSED

Frequency [MHz]	E [dBμV/m]	E [μV/m]	U _{RX} [dBμV]	A _{TOT} [dB]	Polarisation	Result
4847.691383	30.80	34.67	29.90	0.90	VERTICAL	PASSED
12454.415832	39.50	94.41	28.70	10.80	VERTICAL	PASSED
13316.133267	40.60	107.15	27.80	12.80	VERTICAL	PASSED
13387.775551	40.40	104.71	27.00	13.40	VERTICAL	PASSED
15916.325651	41.20	114.82	24.50	16.70	VERTICAL	PASSED
16192.880762	42.30	130.32	24.80	17.50	VERTICAL	PASSED
17918.335671	43.80	154.88	24.90	18.90	VERTICAL	PASSED

4. Test Equipment

4.1. Conducted measurements

Eq. No	Equipment	Type	Manufacturer	Used in
1742	EMI Test Receiver	ESMI	R&S	15C, 15B
1759	LISN 50 µH	ESH3-Z5	R&S	15C, 15B
1872	Thermo- Hygrograph	00.02520.150700	Lambrecht	15C, 15B
1916	Radio Communication tester	CMTA84	R&S	15C, 15B
2039	Power Supply	PL330QMD	THURLBY	15C, 15B
2060	LISN 50 µH	ESH3-Z5	R&S	15C, 15B
2068	CDN-Antenna line	S1	NMP	15C, 15B
2097	Pulse Limiter	ESH3-Z2	R&S	15C, 15B
2111	Multimeter	TX3	Tektronix	15C, 15B
2156	Digital Radio Communication Tester	CMU200	R&S	15C, 15B
2206	Signal generator	SMX	R&S	15C, 15B
2335	GPIB Switch 2 to 1	-	National Instruments	15C, 15B
2347	Digital Radio Communication Tester	CMU200	R&S	22/24/27, 15C, 15B
2352	Spectrum Analyzer	FSP	R&S	22/24/27, 15C
2359	Temperature Test system	VT4002	Vötsch Industrietechnik	22/24/27
2360	Serial Bus Converter	Serial 488A	IO Tech	22/24/27
2362	Power Supply	NGPX 70/5	R&S	22/24/27
2388	Bluetooth Tester	CBT	R&S	15C, 15B
-	RF Emission Software	ES-K1 v.1.71	R&S	22/24/27, 15C, 15B

4.2. Radiated measurements

Eq. No	Equipment	Type	Manufacturer	Used in
1748	Log. per. Antenna	HL025	R&S	22/24/27, 15C
1749	Log. per. Antenna	HL025	R&S	22/24/27, 15C
1875	Thermo- Hygrograph	00.02520.150700	Lambrecht	22/24/27, 15C, 15B
1917	Radio Communication tester	CMTA84	R&S	22/24/27, 15C, 15B
1933	Precision half-wave dipole antennas	HZ-13	R&S	22/24/27, 15C
1938	Precision half-wave dipole antennas	HZ-12	R&S	22/24/27, 15C
2006	Radiation Reference Source	VSQ	MEB	22/24/27, 15C, 15B
2009	Signal generator	SMP 22	R&S	22/24/27, 15C, 15B
2019	Multimeter	34401A	HP	22/24/27, 15C, 15B
2027	Coupling and Decoupling Network	M2 (modified) DC1	MEB	22/24/27, 15C, 15B
2028	Coupling and Decoupling Network	M3 (modified) DC2	MEB	22/24/27, 15C, 15B
2029	Power Supply	PL330	THURLBY	22/24/27, 15C, 15B
2043	Band Reject Filter	WRCA824/849-0.2-6SS	Wainwright	22, 15C, 15B
2047	Band Reject Filter	WRCC1800/2000-0.2-10SS	Wainwright	24, 15C, 15B
2048	Band Reject Filter	WRCC1700/1800-0.2-10SS	Wainwright	27, 15C, 15B
2051	High Pass Filter	4HC1700-1-KK	R&S	22/24/27, 15C
2057	Log. per. Antenna	HL025	R&S	22/24/27, 15C
2109	Power Supply	PL330QMD	THURLBY	22/24/27, 15C, 15B
2110	Multimeter	34401A	HP	22/24/27, 15C, 15B
2112	Multimeter	TX3	Tektronix	22/24/27, 15C, 15B
2116	Controller	EMCO MODEL 2090	ETS	22/24/27, 15C, 15B
2133	Power Meter	NRVS	R&S	22/24/27, 15C
2134	Power Sensor	NRV-Z32	R&S	22/24/27, 15C
2135	Coupling and Decoupling Network	CDN 801-M3	LÜTHI	22/24/27, 15C, 15B

Eq. No	Equipment	Type	Manufacturer	Used in
2138	Ultra Broadband Antenna	HL562	R&S	22/24/27, 15C, 15B
2140	Biconical Antenna	EMCO93110B	EMCO	22/24/27, 15C
2142	Log.-per.-dipol Antenna	3146	EMCO	22/24/27, 15C
2144	Attenuator	6803.17B	Huber-Suhner	22/24/27, 15C, 15B
2150	High Pass Filter	F-15041	RLC ELECTRONICS	22/24/27, 15C
2176	Coupling and Decoupling Network	CDN 801-M3	LÜTHI	22/24/27, 15C, 15B
2180	Digital Radio Communication Tester	CMU200	R&S	22/24/27, 15C, 15B
2188	Preamplifier	AFS4-00100300-20-23P-6	MITEQ	22/24/27, 15C, 15B
2330	EMI Test receiver	ESIB26	R&S	22/24/27, 15C, 15B
2334	GPIB Switch 2 to 1	-	National Instruments	22/24/27, 15C, 15B
2348	Yaesu controller	G-1000DXC	YAESU	22/24/27, 15C, 15B
2349	Computer controller (Yaesu)	GS-232B	YAESU	22/24/27, 15C, 15B
2350	Preamplifier	AMF-6D-020180-29-20P	MITEQ	22/24/27, 15C
2361	Anechoic chamber	3 meter semi/full anechoic chamber	Euroshield	22/24/27, 15C, 15B
2398	Horn antenna	HF906	R&S	22/24/27, 15C
2363	Band Reject Filter	WRCG 832/838-825/845/5SS	Wainwright	22/24/27
2364	Band Reject Filter	WRCG1877/1883 - 1870/1890-40/6SS	Wainwright	22/24/27
2365	Relay Switch Unit	TS-RSP	R&S	22/24/27, 15C, 15B
2366	Relay Switch Unit	TS-RSP	R&S	22/24/27, 15C, 15B
2384	Band Reject Filter	WRCG832/838-825/845-40/5SS	Wainwright	22/24/27
2388	Bluetooth Tester	CBT	R&S	15C, 15B
-	RF Emission Software	ES-K1 v.1.71	R&S	22/24/27, 15C, 15B