

FCC Part 15B Compliance Test Report

Test Report no.:	Salo_FCC_0828_07.doc	Date of Report:	16-Jul-2008
Number of pages:	14	Customer's Contact person:	Ernest Mayer
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FCC listing no.:	533467		
IC recognition no.:	661V-1		
Tested devices/ accessories:	Phone RM-364 / Battery BL-4U, Data Cable CA-101, AC- charger AC-3, Laptop T-30 and Printer H&P LaserJet 5L		
FCC ID:	QTKRM-366	IC:	661AD-RM366
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, System Manager

1. Summary for FCC Part 15B Compliance Test Report

Date of receipt	04-Feb-2008
Testing completed	20-Feb-2008
The customer's contact person	Ernest Mayer
Test Plan referred to	T:\Projects\RM-364\TestPlan_RS\RS_TestPlan_RM-364.xls
Notes	
Document name	T:\Projects\RM-366\EMC\Results\FCC\Salo_FCC_0828_07.doc

1.1. EUT and Accessory Information

The EUT is a 6-band (GSM850/900/1800/1900 and WCDMA Band II(1900)/V(850)) mobile phone with GPRS, EGPRS and Bluetooth. GSM and WCDMA bands are tested in idle mode. Bluetooth is tested with maximum rated TX power.

Product	Type	SN	HW	MV	SW	DUT
Phone	RM-364	004401/01/700433/0	0300	-	at07w15_08w03	12539
Battery	BL-4U	4620408013J10108310;0670560	-	-	-	12536
AC-Charger	AC-3E	4090497177021006321;0675370	-	-	-	12537
Laptop	T-30	99-ZYGY7	-	-	-	11358
Printer H&P LaserJet 5L	C3941A	CNVM055419	-	-	-	10854
Data Cable	CA-101	0730634738501318685	-	-	-	12496
Phone	RM-364	004401/01/700448/8	0300	-	at07w15_08w03	12564
Battery	BL-4U	4620408013J10108313;0670560	-	-	-	12465
AC- Charger	AC-3E	4090497177021006317;0675370	-	-	-	12566

1.2. Summary of Test Results

GSM 850:

Section in CFR 47	Section in ICES-003 (RSS-132)	Name of the test	Result
15.107, a	5.3	AC powerline conducted emissions	PASSED
15.109, a	5.5 (6.6)	Radiated emissions	PASSED

GSM 1900:

Section in CFR 47	Section in ICES-003 (RSS-133)	Name of the test	Result
15.107, a	5.3	AC powerline conducted emissions	PASSED
15.109, a	5.5 (9)	Radiated emissions	PASSED

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

PASSED

The EUT complies with the essential requirements in the standard.

FAILED

The EUT does not comply with the essential requirements in the standard.

NP

The test was not performed by the TCC Nokia Salo Laboratory.

The test results of QTKRM-366 are re-used for certification of the QTKRM-364. The table above indicates the results, which will be re-used.

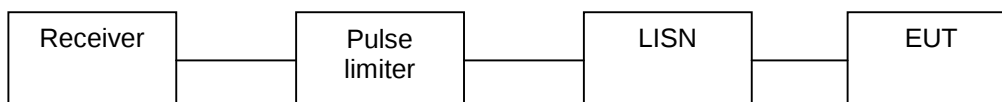
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2. AC powerline conducted emissions (FCC §15.107, ICES-003 section 5.3)

EUT with DUT number	RM-364, DUT 12539
Accessories with DUT numbers	BL-4U, DUT 12536; AC-3E, DUT 12537; T-30, DUT 11358; C3941A, DUT 10854, CA-101, DUT 12496
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 / 42 / 100
Date of measurements	20-Feb-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:

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

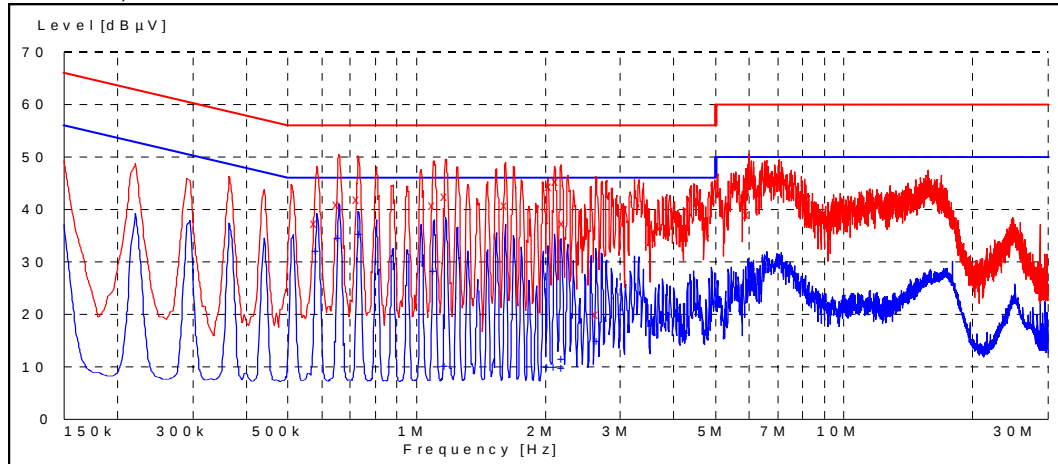
Where U_{RX} is receiver reading and A_{TOT} is total correction factor including cable and pulse limiter attenuations.

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. GSM 850 Test results

RX mode, channel 190 / 881.6 MHz



Quasi peak (RBW: 9 kHz)

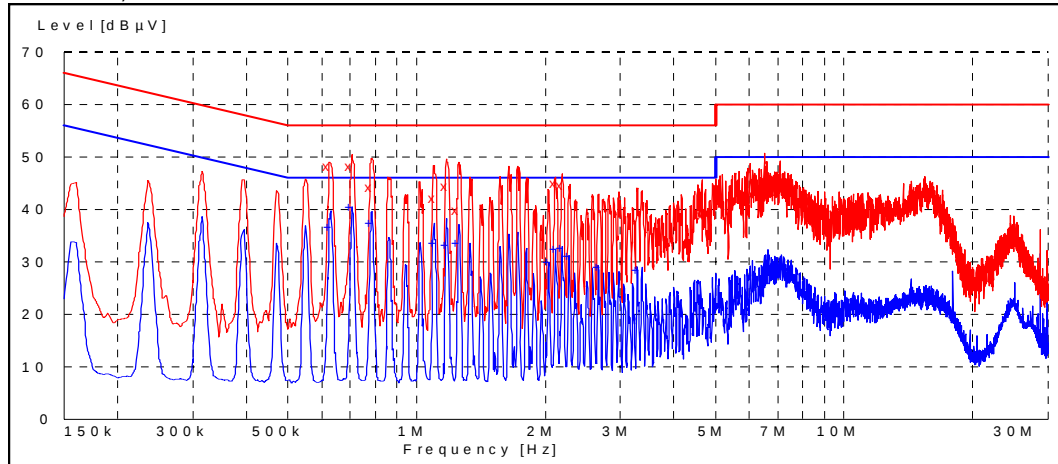
Frequency [MHz]	U [dBμV]	Line	Result
0.585000	37.40	L1	PASSED
0.660000	41.00	L1	PASSED
0.735000	41.90	L1	PASSED
1.105000	40.70	L1	PASSED
1.180000	42.50	L1	PASSED
1.625000	40.90	L1	PASSED
2.070000	44.30	L1	PASSED
2.145000	45.40	L1	PASSED
2.215000	37.30	L1	PASSED
2.660000	20.10	N	PASSED
6.010000	39.10	L1	PASSED

Average (RBW: 9 kHz)

Frequency [MHz]	U [dBμV]	Line	Result
0.590000	31.90	L1	PASSED
0.665000	34.50	L1	PASSED
0.740000	35.20	L1	PASSED
1.110000	28.30	L1	PASSED
1.175000	10.10	L1	PASSED
2.045000	9.90	N	PASSED
2.125000	9.90	L1	PASSED
2.205000	9.80	L1	PASSED
2.210000	11.30	L1	PASSED
2.675000	14.90	L1	PASSED

2.4. GSM 1900 Test results

RX mode, channel 661 / 1960.0 MHz



Quasi peak (RBW: 9 kHz)

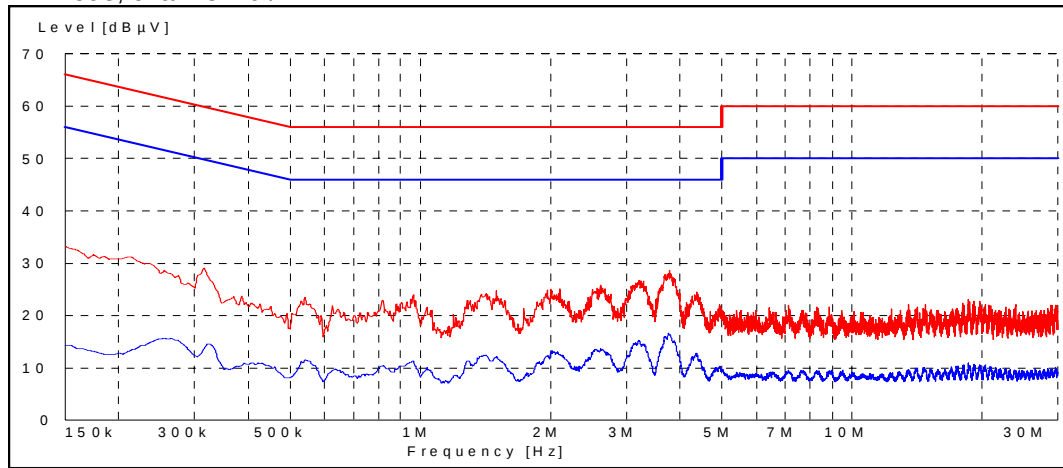
Frequency [MHz]	U [dBμV]	Line	Result
0.625000	48.20	L1	PASSED
0.705000	48.30	L1	PASSED
0.785000	44.20	L1	PASSED
1.100000	42.10	N	PASSED
1.180000	44.30	N	PASSED
1.255000	39.70	N	PASSED
2.125000	45.00	L1	PASSED
2.200000	44.60	L1	PASSED
4.685000	38.90	N	PASSED
6.515000	45.40	L1	PASSED
6.615000	45.60	L1	PASSED
7.065000	43.40	L1	PASSED

Average (RBW: 9 kHz)

Frequency [MHz]	U [dBμV]	Line	Result
0.630000	36.70	L1	PASSED
0.705000	40.50	L1	PASSED
0.785000	37.40	L1	PASSED
1.100000	33.50	L1	PASSED
1.180000	33.20	L1	PASSED
1.255000	33.60	L1	PASSED
2.045000	30.00	L1	PASSED
2.125000	32.50	L1	PASSED
2.200000	32.60	L1	PASSED
2.280000	31.10	L1	PASSED
2.675000	28.90	L1	PASSED
3.300000	28.40	L1	PASSED

2.5. Bluetooth Test results

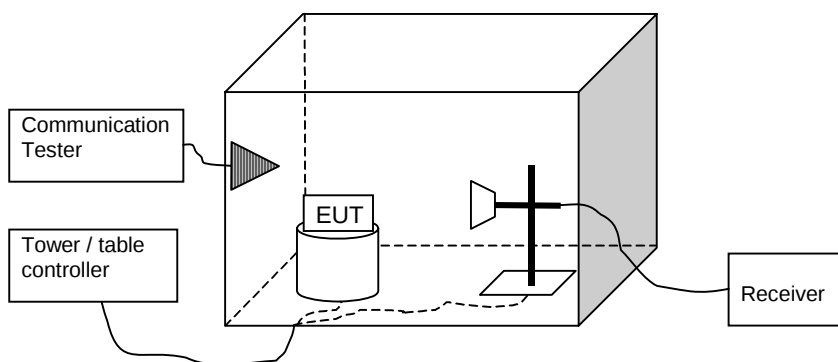
TX mode, channel 40 / 2442 MHz



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

EUT with DUT number	RM-364, DUT 12564
Accessories with DUT numbers	BL-4U, DUT 12565; AC-3E, DUT 12566; -30, DUT 11358; C3941A, DUT 10854, CA-101, DUT 12496
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 / 42 / 101
Date of measurements	19-Feb-2008
Measured by	Anni Manninen

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. GSM 850 Test results

RX mode, channel 128 / 869.2 MHz

Peak (RBW: 1 MHz)

Frequency [MHz]	E [dBμV/m]	E [μV/m]	U _{RX} [dBμV]	A _{TOT} [dB]	Polarisation	Result
3476.800000	42.70	136.46	44.50	-1.8	VERTICAL	PASSED
6953.600000	45.40	186.21	42.60	2.8	VERTICAL	PASSED

Average (RBW: 1 MHz)

Frequency [MHz]	E [dBμV/m]	E [μV/m]	U _{RX} [dBμV]	A _{TOT} [dB]	Polarisation	Result
3476.800000	30.00	31.62	31.80	-1.8	VERTICAL	PASSED
6953.600000	32.60	42.66	29.80	2.8	VERTICAL	PASSED

RX mode, channel 190 / 881.6 MHz

Quasi peak (RBW: 120 kHz)

Frequency [MHz]	E [dBμV/m]	E [μV/m]	U _{RX} [dBμV]	A _{TOT} [dB]	Polarisation	Result
40.500200	37.50	74.99	53.60	-16.1	VERTICAL	PASSED
66.653106	36.40	66.07	61.20	-24.8	VERTICAL	PASSED
86.453507	31.70	38.46	53.90	-22.2	VERTICAL	PASSED
349.598597	29.70	30.55	50.20	-20.5	VERTICAL	PASSED
665.930661	34.70	54.33	49.30	-14.6	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
2944.389780	53.10	451.86	48.60	4.5	VERTICAL	PASSED

Average (RBW: 1 MHz)

Frequency [MHz]	E [dBμV/m]	E [μV/m]	U _{RX} [dBμV]	A _{TOT} [dB]	Polarisation	Result
2200.400802	38.20	81.28	37.50	0.7	VERTICAL	PASSED
2947.389780	40.20	102.33	35.60	4.6	VERTICAL	PASSED
7501.000000	31.40	37.15	27.50	3.9	VERTICAL	PASSED
7972.443888	31.70	38.46	26.70	5.0	VERTICAL	PASSED

RX mode, channel 251 / 893.8 MHz

Peak (RBW: 1 MHz)

Frequency [MHz]	E [dBμV/m]	E [μV/m]	U _{RX} [dBμV]	A _{TOT} [dB]	Polarisation	Result
3575.200000	41.70	121.62	45.20	-3.5	VERTICAL	PASSED
7150.400000	45.80	194.98	43.70	2.1	VERTICAL	PASSED

Average (RBW: 1 MHz)

Frequency [MHz]	E [dBμV/m]	E [μV/m]	U _{RX} [dBμV]	A _{TOT} [dB]	Polarisation	Result
3575.200000	28.60	26.92	32.10	-3.5	VERTICAL	PASSED
7150.400000	33.10	45.19	31.00	2.1	VERTICAL	PASSED

3.4. GSM 1900 Test results

RX mode, channel 512 / 1930.2 MHz

Peak (RBW: 1 MHz)

Frequency [MHz]	E [dBμV/m]	E [μV/m]	U _{RX} [dBμV]	A _{TOT} [dB]	Polarisation	Result
3860.000000	40.10	101.16	44.00	-3.9	HORIZONTAL	PASSED
7720.000000	46.50	211.35	43.30	3.2	VERTICAL	PASSED

Average (RBW: 1 MHz)

Frequency [MHz]	E [dBμV/m]	E [μV/m]	U _{RX} [dBμV]	A _{TOT} [dB]	Polarisation	Result
3860.000000	27.70	24.27	31.60	-3.9	VERTICAL	PASSED
7720.000000	33.60	47.86	30.40	3.2	VERTICAL	PASSED

RX mode, channel 661 / 1960.0 MHz

Quasi peak (RBW: 120 kHz)

Frequency [MHz]	E [dBμV/m]	E [μV/m]	U _{RX} [dBμV]	A _{TOT} [dB]	Polarisation	Result
40.821643	32.30	41.21	48.60	-16.3	VERTICAL	PASSED
63.307816	40.10	101.16	65.60	-25.5	VERTICAL	PASSED
139.118838	28.20	25.70	51.40	-23.2	HORIZONTAL	PASSED
398.696393	28.50	26.61	47.90	-19.4	VERTICAL	PASSED
666.634669	35.50	59.57	50.10	-14.6	VERTICAL	PASSED
845.289379	22.70	13.65	35.00	-12.3	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
1959.921844	54.10	506.99	55.40	-1.3	VERTICAL	PASSED
2947.889780	53.00	446.68	48.40	4.6	VERTICAL	PASSED

Average (RBW: 1 MHz)

Frequency [MHz]	E [dBμV/m]	E [μV/m]	U _{RX} [dBμV]	A _{TOT} [dB]	Polarisation	Result
2199.900802	39.70	96.61	39.00	0.7	VERTICAL	PASSED
2944.889780	40.20	102.33	35.70	4.5	VERTICAL	PASSED
7503.500000	34.50	53.09	30.60	3.9	VERTICAL	PASSED
7974.947896	35.00	56.23	30.00	5.0	VERTICAL	PASSED

RX mode, channel 810 / 1989.8 MHz

Peak (RBW: 1 MHz)

Frequency [MHz]	E [dBμV/m]	E [μV/m]	U _{RX} [dBμV]	A _{TOT} [dB]	Polarisation	Result
3980.000000	41.20	114.82	44.70	-3.5	VERTICAL	PASSED
7960.000000	47.70	242.66	42.90	4.8	VERTICAL	PASSED

Average (RBW: 1 MHz)

Frequency [MHz]	E [dBμV/m]	E [μV/m]	U _{RX} [dBμV]	A _{TOT} [dB]	Polarisation	Result
3980.000000	27.90	24.83	31.40	-3.5	VERTICAL	PASSED
7960.000000	34.50	53.09	29.70	4.8	VERTICAL	PASSED

3.5. Bluetooth Test results

3.5.1 GFSK modulation, PRBS packet type

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	43.20	144.54	43.00	0.2	HORIZONTAL	PASSED
7206.000000	45.60	190.55	43.40	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	30.70	34.28	30.50	0.2	VERTICAL	PASSED
7206.000000	32.90	44.16	30.70	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
37.776353	23.50	14.96	43.80	-20.3	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
4848.697395	44.90	175.79	44.00	0.9	VERTICAL	PASSED
13286.577154	52.90	441.57	40.20	12.7	VERTICAL	PASSED
13364.221443	53.50	473.15	40.10	13.4	VERTICAL	PASSED
15407.815631	52.90	441.57	37.50	15.4	VERTICAL	PASSED
15832.657315	54.60	537.03	37.90	16.7	VERTICAL	PASSED
16191.384770	54.90	555.90	37.50	17.4	VERTICAL	PASSED
17916.833667	56.60	676.08	37.70	18.9	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
4849.697395	30.90	35.08	30.00	0.9	VERTICAL	PASSED
13287.077154	40.20	102.33	27.50	12.7	VERTICAL	PASSED
13358.721443	40.40	104.71	27.00	13.4	VERTICAL	PASSED
15404.815631	40.00	100.00	24.60	15.4	VERTICAL	PASSED
15824.657315	41.60	120.23	24.80	16.8	VERTICAL	PASSED
16189.384770	42.30	130.32	24.90	17.4	VERTICAL	PASSED
17920.333667	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	43.20	144.54	43.60	-0.4	VERTICAL	PASSED
7440.000000	46.40	208.93	43.30	3.1	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
4960.000000	30.10	31.99	30.50	-0.4	VERTICAL	PASSED
7440.000000	33.90	49.55	30.80	3.1	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