

FCC Part 15B Compliance Test Report

Test Report no.:	FCC15B_RM-809_22.docx	Date of Report:	12-Oct-2011
Number of pages:	15	Customer's Contact person:	Abadilla Victoria
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FCC listing no.:	99059		
IC recognition no.:	661AL-1		
Tested devices/ accessories:	Phone RM-809 / Battery BP-3L / USB Cable CA-101 / Headset WH-208 / AC Charger AC-10UC		
FCC ID:	QMNRM-809	IC:	661X-RM809
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, RSS-132 (Issue 2, September 2005). 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:			

Christian Andersen, System Specialist, EMC

1. Summary for FCC Part 15B Compliance Test Report

Date of receipt	08-Sep-2011
Testing completed	26-Sep-2011
The customer's contact person	Abadilla Victoria
Test Plan referred to	T:\Projects\RM-809\TestPlan\RS_testplan_RM-809.xls
Notes	-
Document name	T:\Projects\RM-809\EMC\FCC15B_RM-809_22.docx

1.1. EUT and Accessory Information

The EUT is a 10-band mobile phone:

GSM850/900/1800/1900/GPRS/EGPRS/Monopole without GND reflector (GSM/WCDMA)

WCDMA I/II(1900)/IV(1700)/V(850)/HSDPA/HSUPA/Monopole without GND reflector (GSM/WCDMA)

WLAN/Bluetooth

The EUT is tested with maximum rated TX power, modulated with pseudo random bit sequence (PRBS9).

Product	Type	SN	HW	MV	SW	DUT
Phone	RM-809	004402/13/651134/6	0111	-	1600.2201.7 720.11350	23485
Battery	BP-3L	3932131282140100897;0670635	-	-	-	23467
USB Cable	CA-101	07306349204X1220633	-	-	-	23452
Headset	WH-208	-	-	-	-	23454
AC Charger	AC-10UC	3997910023090100772;0675474	-	-	-	23458

1.2. Summary of Test Results

GSM850:

Section in CFR 47	Section in ICES-003 (RSS-132)	Name of the test	Result
15.107, a	5.3	AC powerline conducted emissions	NP
15.109, a	5.5 (4.6)	Radiated emissions	Passed

GSM1900:

Section in CFR 47	Section in ICES-003 (RSS-133)	Name of the test	Result
15.107, a	5.3	AC powerline conducted emissions	NP
15.109, a	5.5 (6.6)	Radiated emissions	Passed

WCDMA 1700 (Band IV):

Section in CFR 47	Section in ICES-003 (RSS-139)	Name of the test	Result
15.107, a	5.3	AC powerline conducted emissions	NP
15.109, a	5.5 (6.6)	Radiated emissions	Passed

WLAN:

Section in CFR 47	Section in ICES-003 (RSS-139)	Name of the test	Result
15.107, a	5.3	AC powerline conducted emissions	NP
15.109, a	5.5 (6.6)	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.

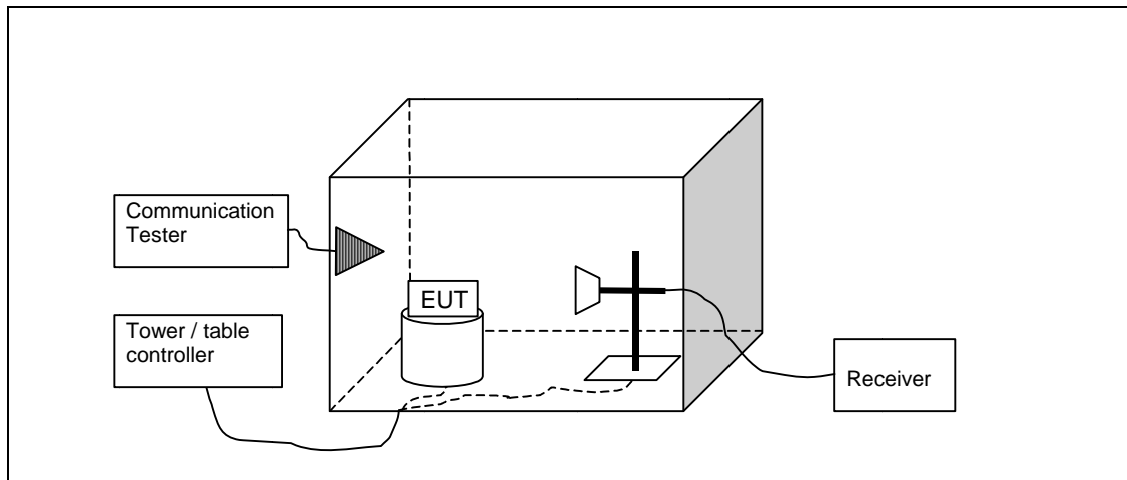
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2. Radiated emissions (FCC §15.109, ICES-003 section 5.5, RSS-132 4.6)

EUT with DUT number	RM-809, DUT 23485
Accessories with DUT numbers	BP-3L, DUT 23467 ; CA-101, DUT 23452 ; WH-208, DUT 23454 ; AC-10UC, DUT 23458
Operation Voltage [V] / [Hz]	115 / 60
Results	Passed
Remarks	GSM850, GSM1900 and WLAN tested with FM-Radio active. WCDMA4 tested with GPS-Receiver active.
Temp [°C] / Humidity [%RH] / Air Pressure [kPa]	24 / 46 / 100.4
Date of measurements	26-Sep-2011
Measured by	Christian Andersen

2.1.1 Test Setup



2.2. 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:

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

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

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

Frequency range [MHz]	Quasi peak limit [dB μ V/m]	Average limit [dB μ V/m]	Peak limit [dB μ V/m]
30 - 230	40	-	-
230 – 1000	47	-	-
Above 1000	-	54	74

2.3. GSM850 Test results

RX mode, channel 128 / 869.2 MHz

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

Frequency [MHz]	E [dB μ V/m]	E [μ V/m]	U _{RX} [dB μ V]	A _{TOT} [dB]	Polarisation	Result
3475.4	37.21	72.494	40.43	-3.22	VERTICAL	Passed
6954.5	55.65	605.759	46.57	9.08	VERTICAL	Passed

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

Frequency [MHz]	E [dB μ V/m]	E [μ V/m]	U _{RX} [dB μ V]	A _{TOT} [dB]	Polarisation	Result
3475.4	24.53	16.836	27.75	-3.22	VERTICAL	Passed
6954.5	43.03	141.71	33.95	9.08	VERTICAL	Passed

RX mode, channel 190 / 881.6 MHz

Quasi peak (RBW: 120 kHz, VBW: 300 kHz)

Frequency [MHz]	E [dB μ V/m]	E [μ V/m]	U _{RX} [dB μ V]	A _{TOT} [dB]	Polarisation	Result
30.645	14.67	5.411	28.3	-13.63	VERTICAL	Passed
47.335	17.02	7.093	40.92	-23.9	VERTICAL	Passed
69.038	18.76	8.668	46.35	-27.59	VERTICAL	Passed
91.143	25.15	18.088	49.42	-24.27	VERTICAL	Passed
97.926	67.91	2485.421	92.01	-24.1	HORIZONTAL	Passed
104.209	23.57	15.082	45.97	-22.4	VERTICAL	Passed
196.082	30.29	32.678	55.27	-24.98	HORIZONTAL	Passed

*98.0 MHz frequency is FM-Radio signal and thus ignored."

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

Frequency [MHz]	E [dB μ V/m]	E [μ V/m]	U _{RX} [dB μ V]	A _{TOT} [dB]	Polarisation	Result
2407.217	44.57	169.2	43.62	0.95	HORIZONTAL	Passed
2415.03	44.49	167.629	43.49	1	HORIZONTAL	Passed
2420.842	44.47	167.34	43.49	0.98	HORIZONTAL	Passed
7820.744	50.35	329.23	38.03	12.32	VERTICAL	Passed
7835.574	50.86	349.06	38.55	12.31	VERTICAL	Passed
7842.587	50.39	330.712	38.16	12.23	HORIZONTAL	Passed
7846.998	50.21	323.855	38.03	12.18	VERTICAL	Passed

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

Frequency [MHz]	E [dB μ V/m]	E [μ V/m]	U _{RX} [dB μ V]	A _{TOT} [dB]	Polarisation	Result
2407.217	31.72	38.535	30.77	0.95	HORIZONTAL	Passed
2415.03	40	99.954	39	1	HORIZONTAL	Passed
2420.842	31.65	38.234	30.67	0.98	HORIZONTAL	Passed
7820.744	37.11	71.68	24.79	12.32	VERTICAL	Passed
7835.574	37.24	72.778	24.93	12.31	VERTICAL	Passed
7842.587	37.11	71.722	24.88	12.23	HORIZONTAL	Passed
7846.998	37.04	71.08	24.86	12.18	VERTICAL	Passed

RX mode, channel 251 / 893.8 MHz

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

Frequency [MHz]	E [dB μ V/m]	E [μ V/m]	U _{RX} [dB μ V]	A _{TOT} [dB]	Polarisation	Result
3575.2	37.69	76.657	40.04	-2.35	VERTICAL	Passed
7151.1	48.83	276.503	38.28	10.55	VERTICAL	Passed

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

Frequency [MHz]	E [dB μ V/m]	E [μ V/m]	U _{RX} [dB μ V]	A _{TOT} [dB]	Polarisation	Result
3575.2	24.85	17.468	27.2	-2.35	VERTICAL	Passed
7151.1	35.69	60.863	25.14	10.55	VERTICAL	Passed

2.4. GSM1900 Test results

RX mode, channel 512 / 1930.2 MHz

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

Frequency [MHz]	E [dB μ V/m]	E [μ V/m]	U _{RX} [dB μ V]	A _{TOT} [dB]	Polarisation	Result
3858.4	39.2	91.17	40.42	-1.22	VERTICAL	Passed
7720.5	48.49	265.889	36.97	11.52	VERTICAL	Passed

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

Frequency [MHz]	E [dB μ V/m]	E [μ V/m]	U _{RX} [dB μ V]	A _{TOT} [dB]	Polarisation	Result
3858.4	26.1	20.174	27.32	-1.22	VERTICAL	Passed
7720.5	36.01	63.168	24.49	11.52	VERTICAL	Passed

RX mode, channel 661 / 1960.0 MHz

Quasi peak (RBW: 120 kHz, VBW: 300 kHz)

Frequency [MHz]	E [dB μ V/m]	E [μ V/m]	U _{RX} [dB μ V]	A _{TOT} [dB]	Polarisation	Result
47.394	17.92	7.874	41.86	-23.94	VERTICAL	Passed
91.082	25.53	18.897	49.8	-24.27	VERTICAL	Passed
97.926	68.19	2566.847	92.29	-24.1	HORIZONTAL	Passed
195.962	30.33	32.844	55.32	-24.99	HORIZONTAL	Passed

*98.0 MHz frequency is FM-Radio signal and thus ignored."

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

Frequency [MHz]	E [dB μ V/m]	E [μ V/m]	U _{RX} [dB μ V]	A _{TOT} [dB]	Polarisation	Result
1960.119	63.21	1447.605	64.79	-1.58	HORIZONTAL	Passed
2407.517	44.32	164.513	43.36	0.96	HORIZONTAL	Passed
2415.13	44.49	167.61	43.49	1	HORIZONTAL	Passed
2419.342	44.58	169.512	43.61	0.97	HORIZONTAL	Passed
2427.655	44.54	168.597	43.49	1.05	HORIZONTAL	Passed
2458.215	45.1	179.846	43.49	1.61	HORIZONTAL	Passed
7830.663	51.17	361.951	38.8	12.37	HORIZONTAL	Passed
7840.181	50.29	326.851	38.03	12.26	HORIZONTAL	Passed
7853.611	49.84	310.349	37.64	12.2	VERTICAL	Passed
7865.128	49.51	298.71	37.11	12.4	VERTICAL	Passed

*1960 MHz frequency is coming from communication tester and thus ignored.

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

Frequency [MHz]	E [dB μ V/m]	E [μ V/m]	U _{RX} [dB μ V]	A _{TOT} [dB]	Polarisation	Result
1960.119	62.3	1303.017	63.88	-1.58	HORIZONTAL	Passed
2407.517	31.69	38.406	30.73	0.96	HORIZONTAL	Passed
2415.13	31.7	38.437	30.7	1	HORIZONTAL	Passed
2419.342	31.6	38.006	30.63	0.97	HORIZONTAL	Passed
2427.655	31.84	39.066	30.79	1.05	HORIZONTAL	Passed
2458.215	32.34	41.419	30.73	1.61	HORIZONTAL	Passed
7830.663	37.3	73.266	24.93	12.37	HORIZONTAL	Passed
7840.181	37.28	73.122	25.02	12.26	HORIZONTAL	Passed
7853.611	36.96	70.461	24.76	12.2	VERTICAL	Passed
7865.128	37.09	71.548	24.69	12.4	VERTICAL	Passed

*1960 MHz frequency is coming from communication tester and thus ignored.

RX mode, channel 810 / 1989.8 MHz

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

Frequency [MHz]	E [dB μ V/m]	E [μ V/m]	U _{RX} [dB μ V]	A _{TOT} [dB]	Polarisation	Result
3979	39.51	94.558	40.67	-1.16	VERTICAL	Passed
7959.4	50	316.228	37.37	12.63	VERTICAL	Passed

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

Frequency [MHz]	E [dB μ V/m]	E [μ V/m]	U _{RX} [dB μ V]	A _{TOT} [dB]	Polarisation	Result
3979	26.09	20.165	27.25	-1.16	VERTICAL	Passed
7959.4	37.29	73.223	24.66	12.63	VERTICAL	Passed

2.5. WCDMA 1700 (Band IV) Test results

RX mode, channel 1738 / 2152.6 MHz

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

Frequency [MHz]	E [dB μ V/m]	E [μ V/m]	U _{RX} [dB μ V]	A _{TOT} [dB]	Polarisation	Result
4304.3	39.06	89.753	39.18	-0.12	VERTICAL	Passed
6459.8	51.97	396.78	45.89	6.08	HORIZONTAL	Passed

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

Frequency [MHz]	E [dB μ V/m]	E [μ V/m]	U _{RX} [dB μ V]	A _{TOT} [dB]	Polarisation	Result
4304.3	26.17	20.356	26.29	-0.12	VERTICAL	Passed
6459.8	38.72	86.248	32.64	6.08	HORIZONTAL	Passed

RX mode, channel 1637 / 2132.4 MHz

Quasi peak (RBW: 120 kHz, VBW: 300 kHz)

Frequency [MHz]	E [dB μ V/m]	E [μ V/m]	U _{RX} [dB μ V]	A _{TOT} [dB]	Polarisation	Result
30.78	14.35	5.22	25.64	-11.29	HORIZONTAL	Passed
47.585	14.86	5.534	38.94	-24.08	VERTICAL	Passed
57.615	17.46	7.46	44.62	-27.16	HORIZONTAL	Passed
91.213	23.9	15.668	48.16	-24.26	VERTICAL	Passed
104.588	24.29	16.395	46.62	-22.33	VERTICAL	Passed
196.082	30.78	34.574	55.76	-24.98	HORIZONTAL	Passed

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

Frequency [MHz]	E [dB μ V/m]	E [μ V/m]	U _{RX} [dB μ V]	A _{TOT} [dB]	Polarisation	Result
1575.251	49.42	295.733	54.86	-5.44	VERTICAL	Passed
1740.184	39.11	90.261	43.74	-4.63	VERTICAL	Passed
2994.689	50.05	318.09	42.33	7.72	HORIZONTAL	Passed
7827.155	50.31	327.68	37.9	12.41	VERTICAL	Passed
7836.771	50.33	328.398	38.03	12.3	HORIZONTAL	Passed
7838.375	50.95	352.899	38.67	12.28	VERTICAL	Passed
7844.69	50.23	324.863	38.03	12.2	VERTICAL	Passed

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

Frequency [MHz]	E [dB μ V/m]	E [μ V/m]	U _{RX} [dB μ V]	A _{TOT} [dB]	Polarisation	Result
1575.251	37.01	70.884	42.45	-5.44	VERTICAL	Passed
1740.184	25.9	19.729	30.53	-4.63	VERTICAL	Passed
2994.689	36.69	68.281	28.97	7.72	HORIZONTAL	Passed
7827.155	37.12	71.796	24.71	12.41	VERTICAL	Passed
7836.771	37.16	72.069	24.86	12.3	HORIZONTAL	Passed
7838.375	37.21	72.51	24.93	12.28	VERTICAL	Passed
7844.69	37.13	71.895	24.93	12.2	VERTICAL	Passed

RX mode, channel 1537 / 2112.4 MHz

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

Frequency [MHz]	E [dB μ V/m]	E [μ V/m]	U _{RX} [dB μ V]	A _{TOT} [dB]	Polarisation	Result
4222.8	39.16	90.782	39.8	-0.64	HORIZONTAL	Passed
6337	49.22	288.968	43.74	5.48	VERTICAL	Passed

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

Frequency [MHz]	E [dB μ V/m]	E [μ V/m]	U _{RX} [dB μ V]	A _{TOT} [dB]	Polarisation	Result
4222.8	25.86	19.622	26.5	-0.64	HORIZONTAL	Passed
6337	36.49	66.727	31.01	5.48	VERTICAL	Passed

2.6. WLAN Test results

Channel 1 / 2412 MHz

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

Frequency [MHz]	E [dB μ V/m]	E [μ V/m]	U _{RX} [dB μ V]	A _{TOT} [dB]	Polarisation	Result
4824.2	42.46	132.663	40.81	1.65	HORIZONTAL	Passed
7234.4	48.45	264.515	38.16	10.29	VERTICAL	Passed

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

Frequency [MHz]	E [dB μ V/m]	E [μ V/m]	U _{RX} [dB μ V]	A _{TOT} [dB]	Polarisation	Result
4824.2	28.89	27.813	27.24	1.65	HORIZONTAL	Passed
7234.4	35.18	57.431	24.89	10.29	VERTICAL	Passed

Channel 7 / 2442 MHz

Quasi peak (RBW: 120 kHz, VBW: 300 kHz)

Frequency [MHz]	E [dB μ V/m]	E [μ V/m]	U _{RX} [dB μ V]	A _{TOT} [dB]	Polarisation	Result
31.56	14.46	5.283	26.31	-11.85	HORIZONTAL	Passed
47.446	15.48	5.944	39.46	-23.98	VERTICAL	Passed
91.814	23.93	15.714	48.11	-24.18	VERTICAL	Passed
97.926	67.83	2463.485	91.93	-24.1	HORIZONTAL	Passed
104.689	24.62	17.027	46.93	-22.31	VERTICAL	Passed
196.082	28.47	26.506	53.45	-24.98	HORIZONTAL	Passed

*98.0 MHz frequency is FM-Radio signal and thus ignored."

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

Frequency [MHz]	E [dB μ V/m]	E [μ V/m]	U _{RX} [dB μ V]	A _{TOT} [dB]	Polarisation	Result
1574.951	49.94	314.051	55.39	-5.45	VERTICAL	Passed
2982.863	49.64	303.354	42.07	7.57	HORIZONTAL	Passed
7819.642	51.09	358.592	38.8	12.29	HORIZONTAL	Passed
7827.356	50.57	337.637	38.16	12.41	VERTICAL	Passed
7839.279	49.9	312.644	37.63	12.27	HORIZONTAL	Passed
7855.41	50	316.228	37.77	12.23	HORIZONTAL	Passed

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

Frequency [MHz]	E [dB μ V/m]	E [μ V/m]	U _{RX} [dB μ V]	A _{TOT} [dB]	Polarisation	Result
1574.951	36.26	64.983	41.71	-5.45	VERTICAL	Passed
2982.863	36.53	67.089	28.96	7.57	HORIZONTAL	Passed
7819.642	37.05	71.236	24.76	12.29	HORIZONTAL	Passed
7827.356	37.09	71.507	24.68	12.41	VERTICAL	Passed
7839.279	37.17	72.169	24.9	12.27	HORIZONTAL	Passed
7855.41	36.92	70.113	24.69	12.23	HORIZONTAL	Passed

Channel 11 / 2462 MHz

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

Frequency [MHz]	E [dB μ V/m]	E [μ V/m]	U _{RX} [dB μ V]	A _{TOT} [dB]	Polarisation	Result
4923.7	43.46	148.85	41.31	2.15	VERTICAL	Passed
7384.8	49.03	282.716	37.64	11.39	HORIZONTAL	Passed

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

Frequency [MHz]	E [dB μ V/m]	E [μ V/m]	U _{RX} [dB μ V]	A _{TOT} [dB]	Polarisation	Result
4923.7	30.69	34.253	28.54	2.15	VERTICAL	Passed
7384.8	35.89	62.316	24.5	11.39	HORIZONTAL	Passed

3. Test Equipment

3.1. Conducted measurements

Eq. No	Equipment	Type	Manufacturer	Used in
13037	Power Supply 0-15V 10A	EA3012	LP Instruments	15C, 15B
13357	Signal Generator	SMP02	Rohde&Schwarz	22/24/27, 15C, 15B
13513	Pulse Limiter	ESH3Z2	Rohde&Schwarz	15C, 15B
13666	Receiver	ESPC	Rohde&Schwarz	15C, 15B
13935	LISN	ESH3-Z5	Rohde&Schwarz	15C, 15B
20682	LISN	ESH3-Z5	Rohde&Schwarz	15C, 15B
16601	Communication Tester	CMU200	Rohde&Schwarz	22/24/27, 15C, 15B
16995	Directional Coupler 20dB 0,5-2,0 GHz SMA Conn.	1538RA-20	Weinschel	15C, 15B
18772	Shielded Chamber	RFD-100	ETS-Lindgren	15C, 15B
18772	Shielded Chamber	RFD-100	ETS-Lindgren	15C, 15B
19116	Power splitter	-	various	22/24/27, 15C, 15B
19171	Communication Tester	CMU200	Rohde&Schwarz	15C, 15B
19625	Climatic Chamber	VT4002EMC	Vötsch	22/24/27, 15C, 15B
19678	Spectrum Analyzer	FSP	Rohde&Schwarz	22/24/27, 15C, 15B
20168	Bluetooth Tester	CBT	Rohde&Schwarz	22/24/27, 15C, 15B
20543	UPS. 700V/A 490W	PW 9120 700i	Powerware	22/24/27, 15C, 15B
20544	Transformer. 230/115V	-	Nokia	22/24/27, 15C, 15B
20739	Communication Tester	CMU200	Rohde&Schwarz	15C, 15B

3.2. Radiated measurements

Eq. No	Equipment	Type	Manufacturer	Used in
13077	Power Supply	EA-3016	-	22/24/27, 15C, 15B
13799	Signal Generator	SMP02	Rohde&Schwarz	22/24/27, 15C, 15B
13936	Band reject filter	WRCD1747.5-0.2/40-10SS	Wainwright Instruments	22/24/27, 15C, 15B
13937	Band reject filter	WRCA902.4-0.2/40-6SS	Wainwright Instruments	22/24/27, 15C, 15B
14021	Relay Dual 6 Chnl μ Wave Mux	10-785-522	-	22/24/27, 15C, 15B
14114	Highpass Filter	WHK1000-12SS	Wainwright Instruments	22/24/27, 15C, 15B
14187	Band reject filter	WRCD1747.5-0.2/40-10SS	Wainwright	22/24/27, 15C, 15B
14188	Band reject filter	WRCA902.4-0.2/40-6SS	Wainwright	22/24/27, 15C, 15B
14900	Antenna Controller	HD100	HD GmbH	22/24/27, 15C, 15B
15191	Turntable Contoller Unit	G-800SDX	YAESU	22/24/27, 15C, 15B
15742	Programmable Relay Switching System	-----	Pickering	22/24/27, 15C, 15B
16633	Band reject filter	WRCD1880.0-0.2/40-10SS	Wainwright	22/24/27, 15C, 15B
16948	Dual 6 Channel MUX Microwave Relay SMA 50 Ohm	10-785-522	Pickering	22/24/27, 15C, 15B
16949	Dual 6 Channel MUX Microwave Relay SMA 50 Ohm	10-785-522	Pickering	22/24/27, 15C, 15B

Eq. No	Equipment	Type	Manufacturer	Used in
17644	Dual 6 Channel MUX Microwave Relay SMA 50 Ohm	10-785-522	Pickering	22/24/27, 15C, 15B
18416	Communication Tester	CMU200	Rohde&Schwarz	22/24/27, 15C, 15B
18773	Anechoic chamber	RFD-100	ETS-Lindgren	22/24/27, 15C, 15B
18774	Anechoic chamber	RFSD-F/A-100	ETS-Lindgren	22/24/27, 15C, 15B
18792	Mast/turntable controller	2090	ETS-EMCO	22/24/27, 15C, 15B
18860	Antenna	HL562	Rohde&Schwarz	22/24/27, 15C, 15B
19151	High Pass Filter	WHJS3000-10SS	Wainwright	22/24/27, 15C, 15B
19587	Band reject filter	WRCG2400/2483- 2390/2493-35/10SS	Wainwright	22/24/27, 15C, 15B
19966	Antenna	HFH2-Z2	Rohde&Schwarz	15C, 15B
20078	Relay 2x6 Chnl μ Wave Mux	10-785B-522	Pickering	22/24/27, 15C, 15B
20114	Band reject filter	WRCG1737/1743- 1733/1747-40/6SS	Wainwright	22/24/27, 15C, 15B
20115	Band reject filter	-	Wainwright	22/24/27, 15C, 15B
20116	Band reject filter	WRCG832/83/-825/845- 40/5SS	Wainwright	22/24/27, 15C, 15B
20168	Bluetooth Tester	CBT	Rohde&Schwarz	22/24/27, 15C, 15B
20543	UPS. 700V/A 490W	PW 9120 700i	Powerware	22/24/27, 15C, 15B
20544	Transformer. 230/115V	-	Nokia	22/24/27, 15C, 15B
20698	Antenna	BBHA 9120 D	SCHWARZBECK	22/24/27, 15C, 15B
-	Relay Dual 6 Chnl μ Wave Mux	10-785-522	-	22/24/27, 15C, 15B