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 Libro 82, Folio 133, Hoja MA3729

TEST REPORT (Modification 1)

REFERENCE STANDARD:

FCC Rules and Regulations 47 CFR Chapter I Part 15 Subpart B (10-01-10 Edition) & ICES-003 Issue 5

FCC Rules and Regulations 47 CFR Chapter I Part 15 Subpart B: Radio frequency devices Subpart B. Unintentional radiators &

Information Technology Equipment (ITE) – Limits and methods of measurement.

NIE :	36156REM.002A1
Approved by (name / position & signature)	Rafael López EMC LAB Manager
Elaboration date	2013-05-02
Identification of item tested	TEAM2 BASE STATION PRO
Trademark	Polar
Model and/or type reference	Z9
Other identification of the product	S/N: C239U60502101 label; “EMC radiated” Test SW inside, for radiated EMC tests. C151U60501467 label; “EMC cond”, SMA connectors and Test SW inside, for conducted RF/EMC tests. C239U60502097 label; “Safety norm SW” for safety testing. C239U60502105 label; “Normal SW” for immunity tests together PC / transmitters. HW Version: 89047839.00 TEAM2 BASE STATION PRO, Model: Z9 SW Version: 20100304r2 (SW inside the Access Server); ESW T2BS R-2 revision: 26131 (SW inside the T2BS PWBA). FCC ID: INWZ9 IC ID: 6248A-Z9
Features	2.4-2.4835 GHz band, WiFi 802.11 b/g, AC adaptor
Description	TEAM2 BASE STATION PRO, Model: Z9 is a stand alone unit which connect a PC/PDA to other transmitters or vice versa. Connection can occur via Bluetooth, WLAN or via Ethernet cable (RJ45). The device uses frequency range of 2400-2483,5 MHz and contains: 4 certified WT11i Bluetooth modules. FCC ID: QOQWT11IA, IC: 5123A-BGTWT11IA 1 certified EW-7318Mug 802.11gb WLAN module.
Applicant	POLAR ELECTRO OY.
Address..... :	Professorintie 5, 90440 Kempele, FINLAND
CIF/NIF/Passport..... :	VAT FI02099112
Contact person..... :	Antti Häggman. Specialist, RF Certifications and Approvals.
Telephone / Fax..... :	Tel: +358(0)8 5202 128; Fax: +358(0)8 5202 220; Mob: +358(0)40 8020 535
e-mail..... :	antti.haggman@polar.com

Test samples supplier	POLAR ELECTRO OY.
Address	Professorintie 5, 90440 Kempele, FINLAND
CIF/NIF/Passport.....	VAT FI02099112
Contact person.....	Kari Parkkisenniemi
Telephone / Fax	+358 8 5202100 / +358 8 5202220
e-mail.....	kari.parkkisenniemi@polar.fi
Manufacturer	POLAR ELECTRO OY.
Address	Professorintie 5, 90440 Kempele, FINLAND
CIF/NIF/Passport.....	VAT FI02099112
Contact person.....	Kari Parkkisenniemi
Telephone / Fax	+358 8 5202100 / +358 8 5202220
e-mail.....	kari.parkkisenniemi@polar.fi
Test method requested	
Standard.....	FCC Rules and Regulations 47 CFR Chapter I Part 15 Subpart B (10-01-10 Edition).
Test procedure.....	PEEM103
Report template No.....	FDT08_14
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INDEX

Competences and guarantees	4
General conditions	4
Usage of samples.....	5
Testing period	5
Environmental conditions	6
Summary	7
Remarks and comments	7
Testing veredicts	7
List of equipment used during the test.....	7
APPENDIX A	8

Competences and guarantees

This certificate of conformity was issued in accordance with the decision N° 3/2000 of the Joint Committee established under the Agreement on Mutual Recognition between the European Community and the United States of America. By this decision, AT4 wireless can act as Conformity Assessment Body (CAB) on Electromagnetic Compatibility. This Certificate applies to the samples listed at technical reports.

This laboratory is designed by the Federal Communications Commission (ES0004)

AT4 wireless is a testing laboratory competent to carry out the tests described in this report.

In order to assure the traceability to other national and international laboratories, AT4 wireless has a calibration and maintenance programme for its measurement equipment.

AT4 wireless guarantees the reliability of the data presented in this report, which is the result of the measurements and the tests performed to the item under test on the date and under the conditions stated on the report and, it is based on the knowledge and technical facilities available at AT4 wireless at the time of performance of the test.

AT4 wireless is liable to the client for the maintenance of the confidentiality of all information related to the item under test and the results of the test.

General conditions

1. This report is only referred to the item that has undergone the test.
2. This report does not constitute or imply on its own an approval of the product by the Certification Bodies or competent Authorities.
3. This document is only valid if complete; no partial reproduction can be made without previous written permission of AT4 wireless.
4. This test report cannot be used partially or in full for publicity and/or promotional purposes without previous written permission of AT4 wireless and the Accreditation Bodies.

Uncertainty

Uncertainty (factor $k=2$) was calculated according to the following AT4 wireless's internal documents:

1. PODT000: Procedure for the measure uncertainty calculation.

Usage of samples

Samples undergoing test have been selected by: The client.

The sample S/01 is composed of the following elements:

<u>Control N°</u>	<u>Description</u>	<u>Model</u>	<u>Serial N°</u>	<u>Date of reception</u>
36156B/04	TEAM2 BASE STATION PRO	Z9	C239U60502101	2012-10-29
36156B/21	Ethernet cable	---	---	2012-10-29
36156B/26	AC/DC Adapter	FRA030E-S18-I	---	2012-10-29

Testing period

The performed test started on 2012-11-06 and finished on the 2012-11-16.

The tests have been performed at AT4 wireless.

Environmental conditions

In the control chamber, the following limits were not exceeded during the test:

Temperature	Min. = 15 °C Max. = 35 °C
Relative humidity	Min. = 20 % Max. = 80 %
Shielding effectiveness	> 100 dB
Electric insulation	> 10 k Ω
Reference resistance to earth	< 0,5 Ω

In the semianechoic chamber (21 meters x 11 meters x 8 meters), the following limits were not exceeded during the test.

Temperature	Min. = 15 °C Max. = 30 °C
Relative humidity	Min. = 45 % Max. = 60 %
Air pressure	Min. = 860 mbar Max. = 1060 mbar
Shielding effectiveness	> 100 dB
Electric insulation	> 10 k Ω
Reference resistance to earth	< 0,5 Ω
Normal site attenuation (NSA)	< ± 4 dB at 10 m distance between item under test and receiver antenna, (30 MHz to 1000 MHz)
Field homogeneity	More than 75% of illuminated surface is between 0 and 6 dB (26 MHz to 1000 MHz).

In the chamber for conducted measurements, the following limits were not exceeded during the test:

Temperature	Min. = 15 °C Max. = 30 °C
Relative humidity	Min. = 45 % Max. = 60 %
Air pressure	Min. = 860 mbar Max. = 1060 mbar
Shielding effectiveness	> 100 dB
Electric insulation	> 10 k Ω
Reference resistance to earth	< 0,5 Ω

Summary

Considering the results of the performed test according to standard **FCC Rules and Regulations 47 CFR Chapter I Part 15 Subpart B (10-01-10 Edition)**, the items under test are **IN COMPLIANCE** with the requested specifications specified in the standard.

NOTE: The results presented in this Test Report apply only to the particular item under test established in page 1 of this document, as presented for test on the date(s) shown in section, "USAGE OF SAMPLES, TESTING PERIOD AND ENVIRONMENTAL CONDITIONS".

Remarks and comments

The tests have been realized by the technical personnel: Margarita Haro, Antonio Ruiz & José Manuel Márquez.

The total uncertainty of the measurement system for the measured radio disturbance characteristics of EUT from 150 kHz to 30 MHz is $I = \pm 3,60$ dB for quasi-peak measurements, $I = \pm 3,48$ dB for peak measurements ($k = 2$).

The total uncertainty of the measurement system for the measured radio disturbance characteristics of EUT from 30 MHz to 1 GHz is $I = \pm 4,57$ dB for quasi-peak measurements, $I = \pm 4,48$ dB for peak measurements ($k = 2$) and from 1 to 12,75 GHz is $I = \pm 3,43$ dB for average and peak measurements.

The total uncertainty of the measurement system for the measured radio disturbance characteristics of EUT from 12,75 GHz to 26 GHz is $I = \pm 4,09$ dB for average and peak measurements.

Testing verdicts

Not applicable: NA
 Pass.....: P
 Fail: F
 Not measured.....: NM

List of equipment used during the test

CONTROL NUMBER	DESCRIPTION	MANUFACTURER	MODEL	LAST CALIBRATION	NEXT CALIBRATION
1999	EMI Receptor	ROHDE & SCHWARZ	ESIB 26	2011-11-03	2013-11-03
2942	EMI Receptor	ROHDE & SCHWARZ	ESU 40	2012-03-05	2014-03-05
245	Horn Antenna	HEWLETT PACKARD	11966E	2011-03-18	2014-03-18
246	Horn Antenna	HEWLETT PACKARD	11966E	2013-03-06	2015-03-06
1658	RF Amplifier	SCHAFFNER	CPA9231A	2011-06-17	2013-06-17
3541	Bilog Hybrid antenna	SUNOL SCIENCES CORPORATION	JB6	2012-06-01	2015-06-01
3556	Thermohygrograph	T&D	TR-72W	2012-11-30	2013-11-30
3545	Thermohygrograph probe	PICO TECHNOLOGY	HUMIDIPROBE	2012-02-02	2013-02-02
3822	Horn Antenna	ROHDE & SCHWARZ	HF907	2010-11-03	2013-11-03

APPENDIX A

Test Result

APPENDIX A CONTENT:

DESCRIPTION OF THE OPERATION MODES.....	9
RADIATED EMISSION. ELECTROMAGNETIC FIELD MEASURE.	10
CONTINUOUS CONDUCTED EMISSION ON POWER LEADS	18

DESCRIPTION OF THE OPERATION MODES

The operation modes described in this paragraph constitute a functionality of the sample under test for itself. Every operation mode takes a failure criteria for the immunity test that they were applying to it and a monitoring to guarantee performance of the same ones.

In the following table appears the operation modes used by the samples tested to that it refers the present test report.

OPERATION MODE	DESCRIPTION
OM#01	EUT ON. Equipment switched ON with WiFi and Bluetooth in IDLE mode. Equipment charging battery. Power supply: 115Vac. 60Hz.
OM#02	EUT ON. WiFi in communication mode with an auxiliary PC, Bluetooth in communication mode with the transmitters. Equipment charging batteries. Power supply: 115Vac. 60Hz.

RADIATED EMISSION. ELECTROMAGNETIC FIELD MEASURE.

LIMITS:	Product standard:	FCC RULES AND REGULATIONS 47 CFR PART 15, SUBPART B
	Test standard:	FCC RULES AND REGULATIONS 47 CFR PART 15, SUBPART B

LIMITS OF INTERFERENCE CLASS B

The applied limit for radiated emissions, 3 m distance, according with the requirements of FCC Rules and Regulations 47 CFR Part 15.109, Subpart B in the frequency range 30 MHz to 25 GHz, for Class B equipment, which is a transmitter in a band over 500 MHz, was:

Frequency range (MHz)	Limit for 3 m ($\mu\text{V/m}$)	Limit for 3 m (dB $\mu\text{V/m}$)
30 to 88	100	40
88 to 216	150	43,52
216 to 960	200	46,02
Above 960	500	53,98

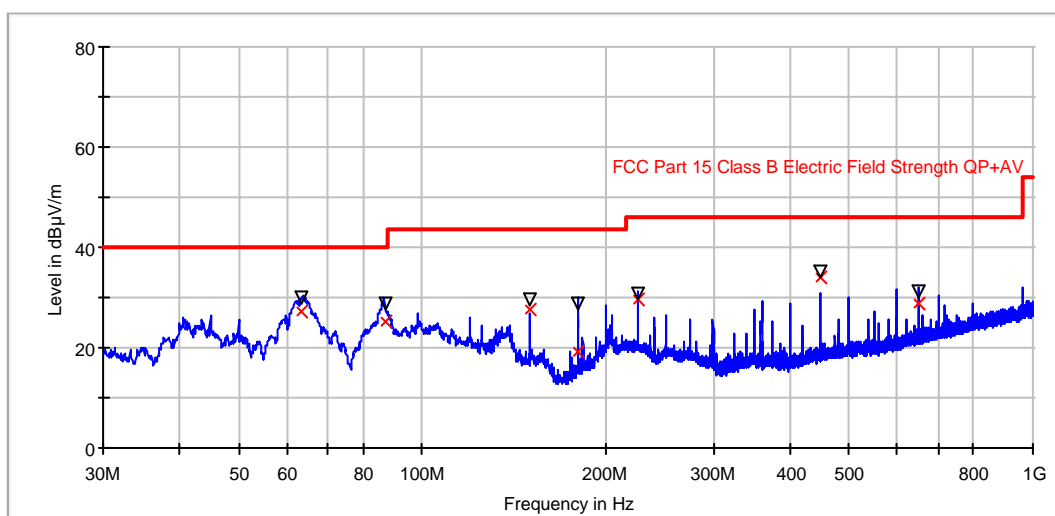
TESTED SAMPLES:	S/01
TESTED OPERATION MODES:	OM#01
TEST RESULTS :	CRmmnn: CR, Radiation Condition; mm: Sample number; nn: Operation mode, xx: Polarisation.

CRmmnn	Description	Result
CR0101	EUT ON. WiFi and Bluetooth in IDLE mode. Equipment charging battery. Power supply: 230Vac. Range 30-1000 MHz.	P
CR0101_RA_PH	EUT ON. WiFi and Bluetooth in IDLE mode. Equipment charging battery. Power supply: 230Vac. Range 1-12.75 GHz. Horizontal pol.	P
CR0101_RA_PV	EUT ON. WiFi and Bluetooth in IDLE mode. Equipment charging battery. Power supply: 230Vac. Range 1-12.75 GHz. Vertical pol.	P
CR0101_RA1_PH	EUT ON. WiFi and Bluetooth in IDLE mode. Equipment charging battery. Power supply: 230Vac. Range 12.75-18 GHz. Horizontal pol.	P
CR0101_RA1_PV	EUT ON. WiFi and Bluetooth in IDLE mode. Equipment charging battery. Power supply: 230Vac. Range 12.75-18 GHz. Vertical pol.	P
CR0101_RA2_PH	EUT ON. WiFi and Bluetooth in IDLE mode. Equipment charging battery. Power supply: 230Vac. Range 18-25 GHz. Horizontal pol.	P
CR0101_RA2_PV	EUT ON. WiFi and Bluetooth in IDLE mode. Equipment charging battery. Power supply: 230Vac. Range 18-25 GHz. Vertical pol.	P

Radiated Emission: CR0101 (30MHz to 1GHz)

Project: 36156REM.002
 Company: POLAR ELECTRO OY
 Sample: S/01
 Operation mode: OM#01
 Setup: EMI radiated
 Mode: EUT ON. IDLE WIFI. IDLE Bluetooth. Charging battery.

FCC class B Bilog Hybrid



— Limit FCC Part15 ClassB — Preview Measurement
 × QuasiPeak ▽ MaxPeak

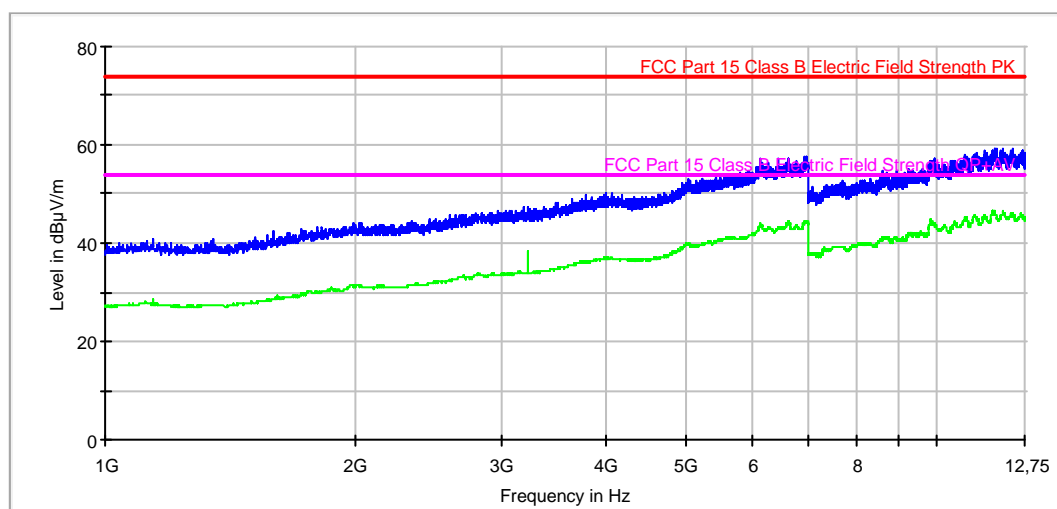
Maximized

Frequency (MHz)	QuasiPeak (dBµV/m)	MaxPeak (dBµV/m)	Antenna height (cm)	Polarity	Turntable position (deg)
63.396393	27.2	30.1	133.00	V	92.0
87.037675	25.0	29.0	135.00	V	119.0
149.996994	27.5	29.5	188.00	H	307.0
180.037675	19.3	28.9	211.00	H	357.0
224.992986	29.4	31.0	144.00	H	99.0
449.988978	33.9	35.2	124.00	V	168.0
650.037074	28.7	31.2	135.00	H	84.0

Radiated Emission: CR0101_RA_PH (1 – 12.75 GHz)

Project: 36156REM.002
 Company: POLAR ELECTRO OY
 Sample: S/01
 Operation mode: OM#01
 Setup: EMI radiated
 Mode: EUT ON. IDLE WiFi. IDLE Bluetooth. Charging battery. Horizontal polarization.

FCC 1-12.75GHz class B Bocina245



— MaxPeak-ClearWrite — Average-ClearWrite — PK Limit — AVG Limit

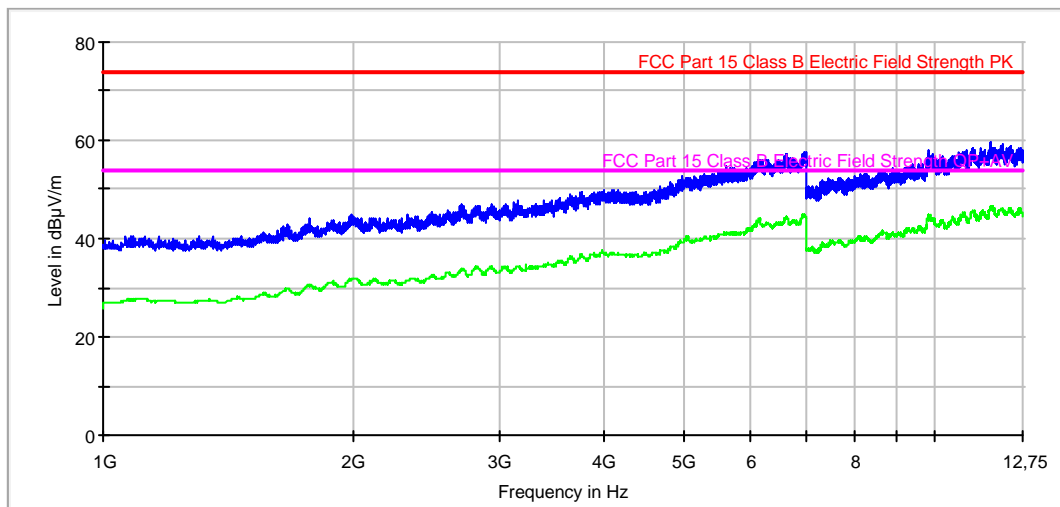
Subrange Maxima

Frequency (MHz)	MaxPeak-ClearWrite (dB μ V/m)	Average-ClearWrite (dB μ V/m)
1143.000000	40.7	28.7
1512.000000	41.4	27.8
1797.000000	43.3	30.1
2335.000000	44.5	31.6
2840.000000	46.2	33.5
3504.000000	48.3	34.9
3992.000000	50.1	36.9
5413.000000	53.3	40.4
6629.000000	57.2	44.3
6955.000000	57.7	44.6
9930.000000	57.1	43.8
11771.000000	59.3	45.9

Radiated Emission: CR0101_RA_PV (1 – 12.75 GHz)

Project: 36156REM.002
 Company: POLAR ELECTRO OY
 Sample: S/01
 Operation mode: OM#01
 Setup: EMI radiated
 Mode: EUT ON. IDLE WiFi. IDLE Bluetooth. Charging battery.

FCC 1-12.75GHz class B Bocina245



— MaxPeak-ClearWrite — Average-ClearWrite — PK Limit — AVG Limit

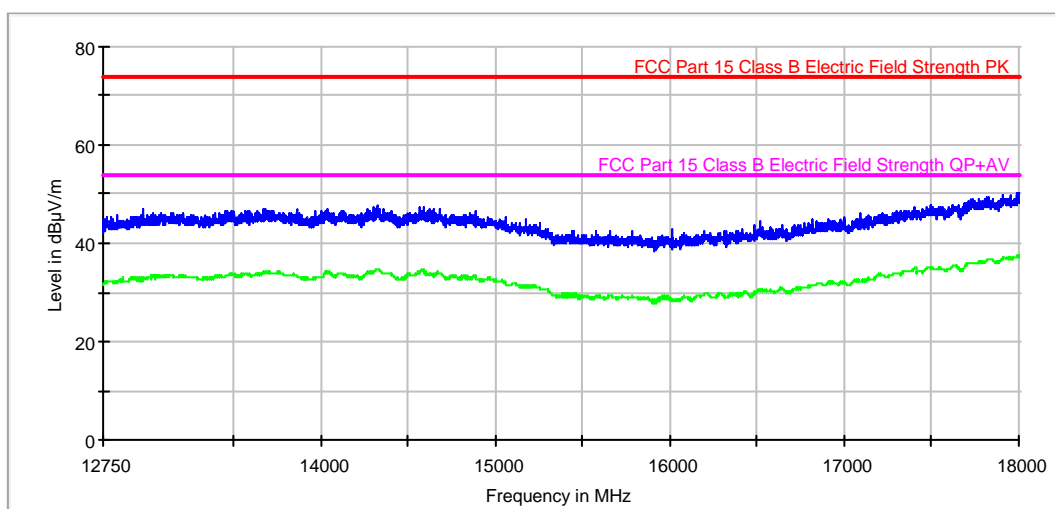
Subrange Maxima

Frequency (MHz)	MaxPeak-ClearWrite (dBµV/m)	Average-ClearWrite (dBµV/m)
1087.000000	40.6	27.6
1353.000000	40.5	27.5
1768.000000	44.0	30.7
2322.000000	44.9	31.3
2696.000000	46.9	33.8
3543.000000	48.0	35.5
4092.000000	49.9	36.9
5415.000000	53.0	40.5
6622.000000	57.3	44.4
6989.000000	57.5	44.4
9849.000000	57.8	44.6
11679.000000	59.4	46.4

Radiated Emission: CR0101_RA2_PH (12.75 – 18 GHz)

Project: 36156REM.002
 Company: POLAR ELECTRO OY
 Sample: S/01
 Operation mode: OM#01
 Setup: EMI radiated
 Mode: EUT ON. IDLE WiFi. IDLE Bluetooth. Charging battery. Horizontal polarization.

FCC 12.75-18GHz class B Bocina245



— MaxPeak-ClearWrite — Average-ClearWrite — PK Limit — AVG Limit

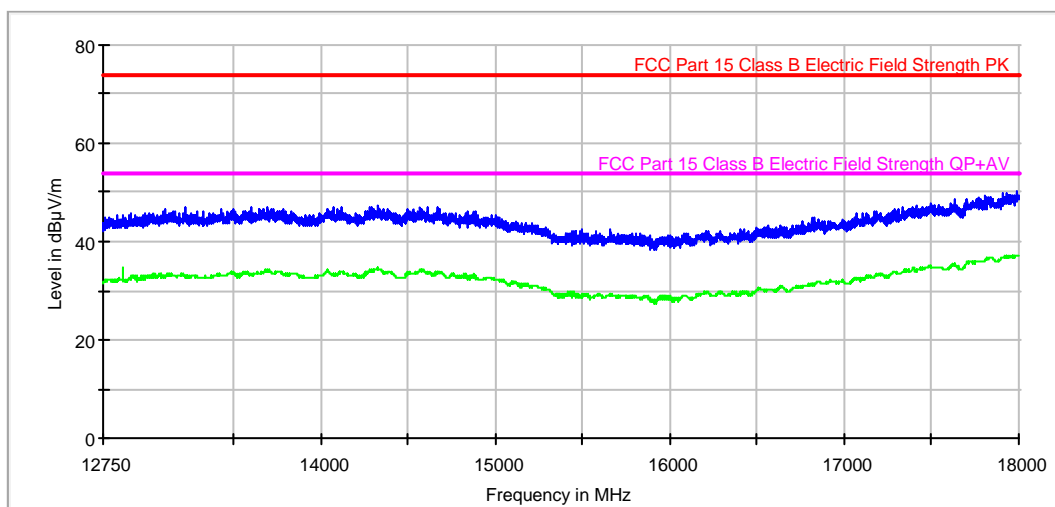
Subrange Maxima

Frequency (MHz)	MaxPeak-ClearWrite (dBµV/m)	Average-ClearWrite (dBµV/m)
12977.000000	46.8	33.1
13502.000000	46.6	33.7
13859.000000	46.9	33.4
14301.000000	47.2	34.3
14319.000000	47.9	34.7
14888.000000	46.5	33.2
15170.000000	44.8	31.2
16015.000000	42.8	28.6
16485.000000	43.6	30.0
16819.000000	45.0	31.5
17475.000000	47.4	35.1
17997.000000	50.1	37.3

Radiated Emission: CR0101_RA2_PV (12.75 – 18 GHz)

Project: 36156REM.002
 Company: POLAR ELECTRO OY
 Sample: S/01
 Operation mode: OM#01
 Setup: EMI radiated
 Mode: EUT ON. IDLE WIFI. IDLE Bluetooth. Charging battery. Vertical polarization.

FCC 12.75-18GHz class B Bocina245



— MaxPeak-ClearWrite — Average-ClearWrite — PK Limit — AVG Limit

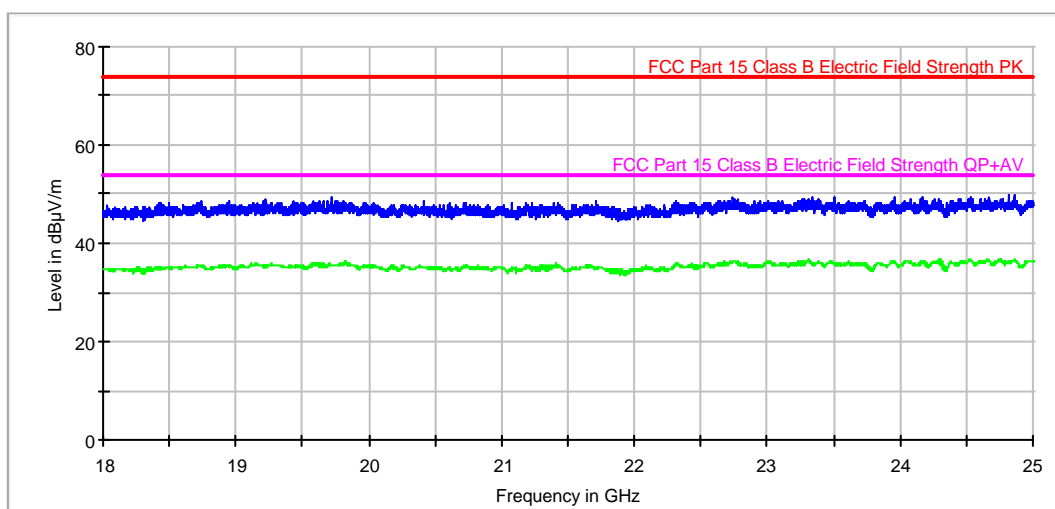
Subrange Maxima

Frequency (MHz)	MaxPeak-ClearWrite (dBµV/m)	Average-ClearWrite (dBµV/m)
13107.000000	46.3	32.8
13220.000000	47.1	33.0
13604.000000	46.9	33.2
14114.000000	47.1	33.8
14329.000000	47.2	34.4
14870.000000	46.3	33.1
15169.000000	43.6	31.1
15656.000000	42.3	29.2
16500.000000	42.9	30.2
16811.000000	45.0	31.3
17409.000000	47.2	34.0
17990.000000	50.2	37.2

Radiated Emission: CR0101_RA2_PH (18 – 25 GHz)

Project: 36156REM.002
 Company: POLAR ELECTRO OY
 Sample: S/01
 Operation mode: OM#01
 Setup: EMI radiated
 Mode: EUT ON. IDLE WiFi. IDLE Bluetooth. Charging battery. Horizontal polarization.

FCC 18-25GHz class B Bocina1920



— MaxPeak-ClearWrite — Average-ClearWrite — PK Limit — AVG Limit

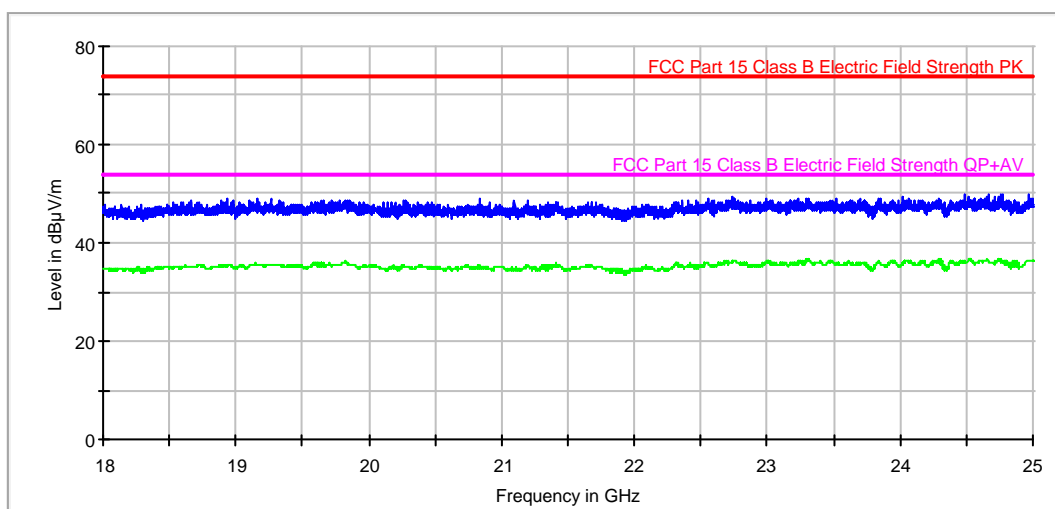
Subrange Maxima

Frequency (MHz)	MaxPeak-ClearWrite (dBµV/m)	Average-ClearWrite (dBµV/m)
18419.000000	48.4	34.8
18734.000000	48.5	35.5
19229.000000	49.0	35.4
19714.000000	49.3	35.6
20413.000000	48.4	35.1
21080.000000	48.0	34.9
21715.000000	48.4	35.0
22319.000000	48.4	35.7
22744.000000	49.4	36.3
23505.000000	49.6	35.5
23954.000000	49.4	36.2
24863.000000	49.9	36.5

Radiated Emission: CR0101_RA2_PV (18 – 25 GHz)

Project: 36156REM.002
 Company: POLAR ELECTRO OY
 Sample: S/01
 Operation mode: OM#01
 Setup: EMI radiated
 Mode: EUT ON. IDLE WIFI. IDLE Bluetooth. Charging battery. Vertical polarization.

FCC 18-25GHz class B Bocina1920



— MaxPeak-ClearWrite — Average-ClearWrite — PK Limit — AVG Limit

Subrange Maxima

Frequency (MHz)	MaxPeak-ClearWrite (dBµV/m)	Average-ClearWrite (dBµV/m)
18479.000000	48.0	35.2
18930.000000	49.0	35.4
19260.000000	49.1	35.5
19784.000000	48.6	35.6
20265.000000	48.5	35.3
20836.000000	48.9	35.1
21647.000000	48.3	35.2
22360.000000	48.6	35.3
22733.000000	49.3	36.2
23521.000000	48.9	35.7
24022.000000	49.5	35.8
24974.000000	49.9	36.4

CONTINUOUS CONDUCTED EMISSION ON POWER LEADS

LIMITS:	Product standard :	FCC RULES AND REGULATIONS 47 CFR PART 15, SUBPART B
	Test standard :	FCC RULES AND REGULATIONS 47 CFR PART 15, SUBPART B

CLASS B

The applied limit for continuous conducted emissions in power leads, according with the requirements of FCC Rules and Regulations 47 CFR Part 15, Subpart B & IC RSS-Gen Issue 2, June 2007 in the frequency range 0,15 to 30 MHz, for Class B equipment was:

Frequency range (MHz)	Limit (dB μ V)	
	Quasi-peak	Average
0,15 to 0,5	66-56	56-46
0,5 to 5	56	46
5 to 30	60	50

TESTED SAMPLES:	S/01
TESTED OPERATION MODES:	OM#01 & 02
TEST RESULTS :	CCmmnnhh: CC, Conducted Condition; mm: Sample number; nn: Operation mode; hh: wire

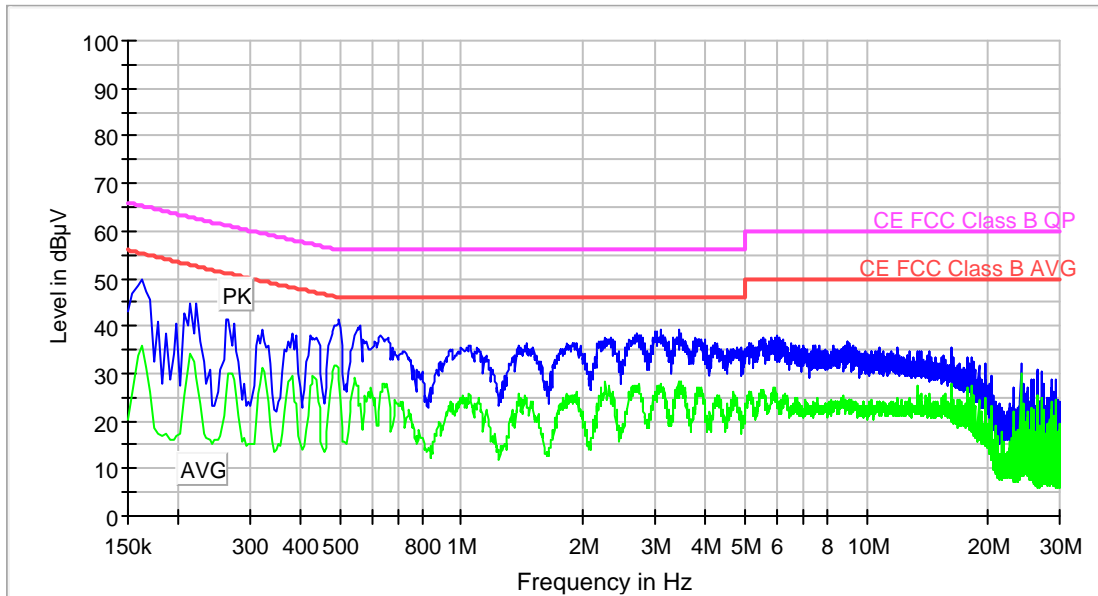
CCmmnnhh	Description	Result
CC01010N	Neutral wire noise	P
CC0101L1	Phase wire noise	P
CC01020N	Neutral wire noise	P
CC0102L1	Phase wire noise	P

Continuous Conducted emission : CC01010N

Detector : Peak / Average / Cuasi-peak

Project: 36156REM.002
 Company: POLAR
 Sample: S/01
 Operation Mode: OM#01
 Mode: EUT ON. IDLE WIFI & Bluetooth. Charging batteries. Neutral noise.

EC FCC Class B ESU Lab1



— Preview Max PK — Preview AVG
— CE FCC Class B AVG — CE FCC Class B QP

Max PK-AVG

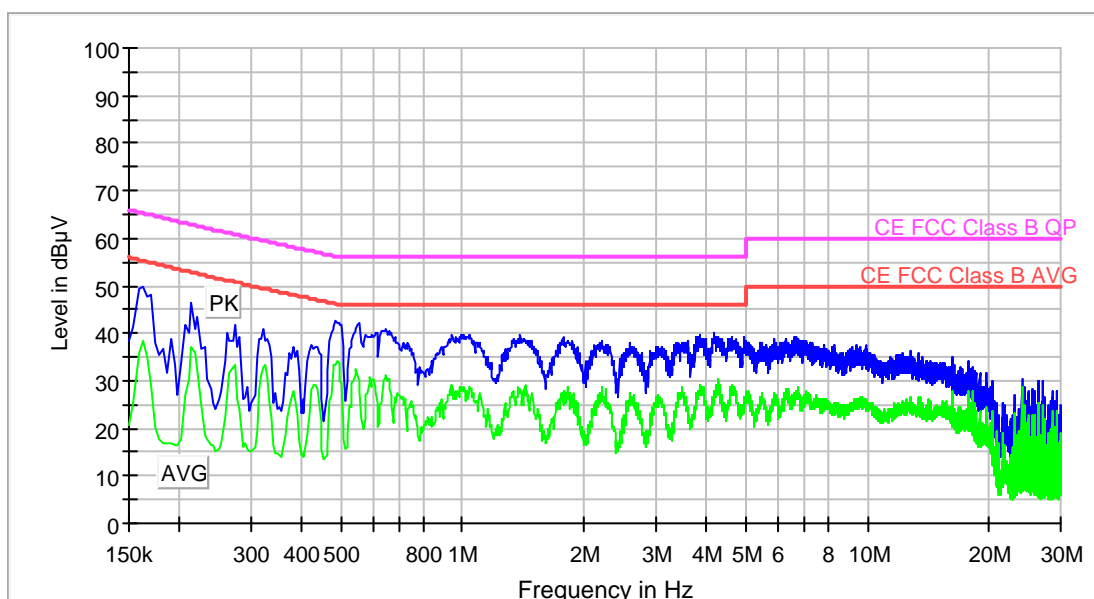
Frequency (MHz)	MaxPeak-ClearWrite (dBµV)	Average-ClearWrite (dBµV)	PE	Line	Corr. (dB)	Comment
0.162000	49.7	35.8	Local	Local	10.0	
0.266000	41.3	30.1	Local	Local	10.0	
0.498000	41.3	28.9	Local	Local	10.0	
0.630000	37.8	26.0	Local	Local	10.0	
1.046000	35.9	25.9	Local	Local	10.0	
1.926000	36.4	26.3	Local	Local	10.0	
3.094000	39.1	27.9	Local	Local	10.0	
3.454000	39.1	26.0	Local	Local	10.0	
6.050000	37.9	22.6	Local	Local	10.0	
9.006000	36.6	23.8	Local	Local	10.0	
16.226000	35.4	27.7	Local	Local	9.9	
19.710000	32.0	24.9	Local	Local	9.9	

Continuous Conducted emission : CC0101L1

Detector : Peak / Average / Cuasi-peak

Project: 36156REM.002
 Company: POLAR
 Sample: S/01
 Operation Mode: OM#01
 Mode: EUT ON. Idle WIFI & Bluetooth. Charging batteries. Phase noise.

EC FCC Class B ESU Lab1



— Max Preview PK — Preview AVG
 — CE FCC Class B AVG — CE FCC Class B QP

Max PK-AVG

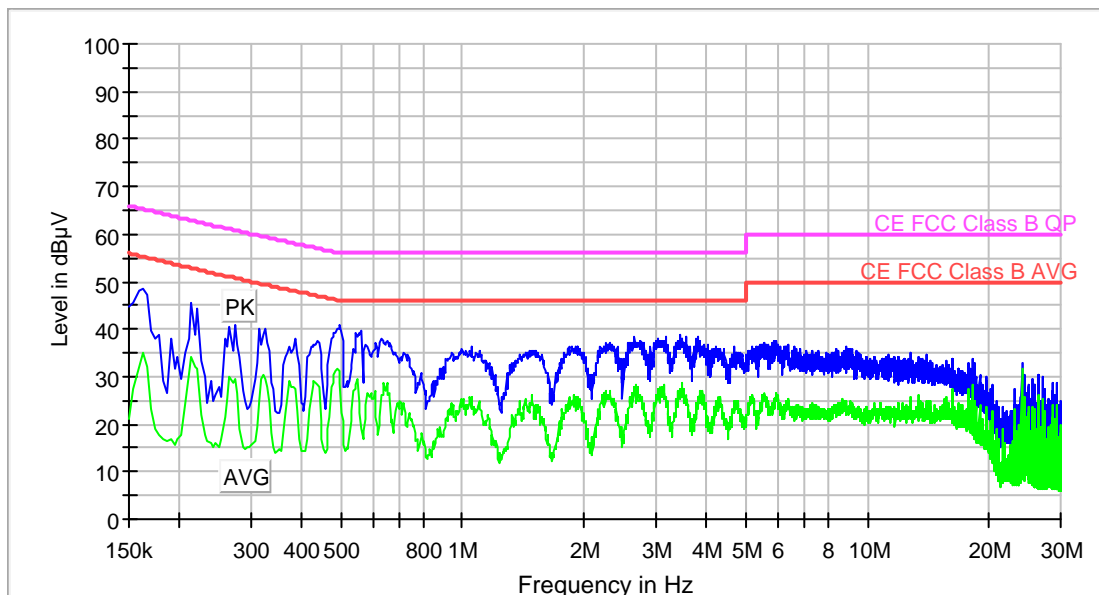
Frequency (MHz)	MaxPeak-ClearWrite (dBµV)	Average-ClearWrite (dBµV)	PE	Line	Corr. (dB)	Comment
0.162000	49.8	38.5	Local	Local	10.0	
0.322000	41.0	32.8	Local	Local	10.0	
0.486000	42.8	33.2	Local	Local	10.0	
0.646000	40.8	31.0	Local	Local	10.0	
0.994000	39.8	28.2	Local	Local	10.0	
1.390000	39.6	28.2	Local	Local	10.0	
2.210000	38.3	28.6	Local	Local	10.0	
4.174000	39.9	27.8	Local	Local	10.0	
6.598000	39.4	26.4	Local	Local	10.0	
9.422000	37.5	25.4	Local	Local	10.0	
12.746000	36.4	26.6	Local	Local	10.0	
19.710000	31.8	24.7	Local	Local	9.9	

Continuous Conducted emission : CC01020N

Detector : Peak / Average / Cuasi-peak

Project: 36156REM.002
 Company: POLAR
 Sample: S/01
 Operation Mode: OM#02
 Mode: EUT ON. TCH WIFI & Bluetooth. Charging batteries. Neutral noise.

EC FCC Class B ESU Lab1



— Preview Max PK — Preview AVG
— CE FCC Class B AVG — CE FCC Class B QP

Max PK-AVG

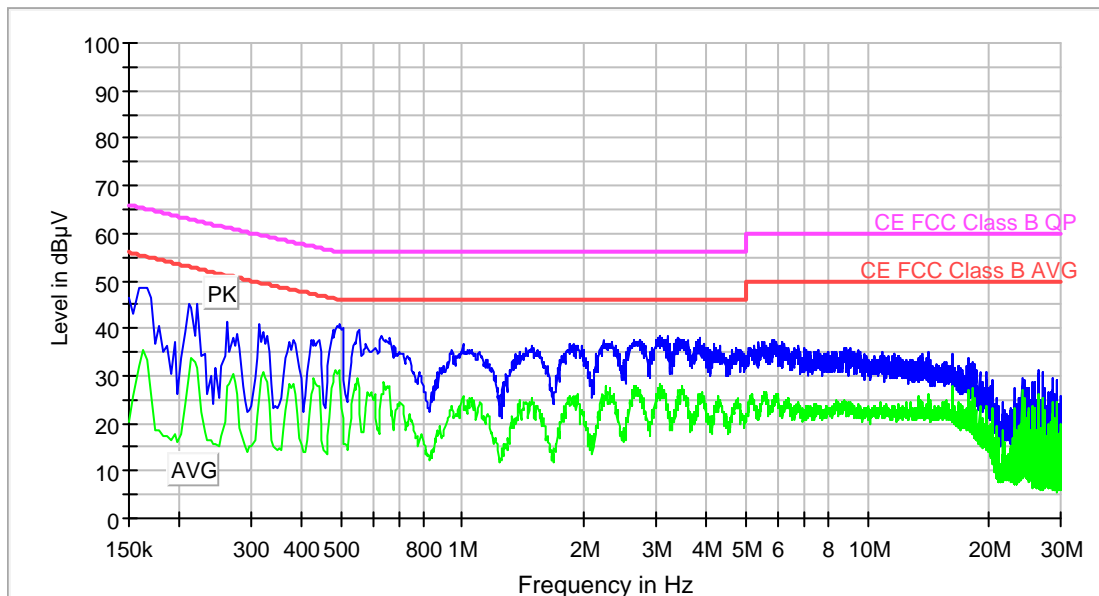
Frequency (MHz)	MaxPeak-ClearWrite (dBµV)	Average-ClearWrite (dBµV)	PE	Line	Corr. (dB)	Comment
0.162000	48.5	35.1	Local	Local	10.0	
0.326000	40.1	29.5	Local	Local	10.0	
0.498000	40.8	28.9	Local	Local	10.0	
0.630000	38.1	26.1	Local	Local	10.0	
1.054000	36.5	25.7	Local	Local	10.0	
1.830000	36.4	25.8	Local	Local	10.0	
3.186000	38.4	25.9	Local	Local	10.0	
3.438000	38.9	27.5	Local	Local	10.0	
5.946000	37.5	26.8	Local	Local	10.0	
8.826000	36.5	25.0	Local	Local	10.0	
12.806000	34.8	24.9	Local	Local	10.0	
24.030000	33.0	31.6	Local	Local	9.9	

Continuous Conducted emission : CC0102L1

Detector : Peak / Average / Cuasi-peak

Project: 36156REM.002
 Company: POLAR
 Sample: S/01
 Operation Mode: MO#02
 Mode: EUT ON. TCH WIFI & Bluetooth. Charging batteries. Phase noise.

EC FCC Class B ESU Lab1



— Preview Max PK — Preview AVG
— CE FCC Class B AVG — CE FCC Class B QP

Max PK-AVG

Frequency (MHz)	MaxPeak-ClearWrite (dBµV)	Average-ClearWrite (dBµV)	PE	Line	Corr. (dB)	Comment
0.166000	48.5	33.5	Local	Local	10.0	
0.314000	40.9	25.2	Local	Local	10.0	
0.498000	41.1	29.7	Local	Local	10.0	
0.630000	38.2	26.1	Local	Local	10.0	
1.002000	36.6	25.6	Local	Local	10.0	
1.874000	36.6	25.8	Local	Local	10.0	
3.198000	38.5	24.2	Local	Local	10.0	
3.422000	38.0	26.8	Local	Local	10.0	
5.878000	37.7	24.9	Local	Local	10.0	
8.870000	36.0	22.9	Local	Local	10.0	
14.214000	35.1	26.1	Local	Local	10.0	
26.486000	31.1	25.9	Local	Local	9.9	