

Annex 1: Measurement diagrams to
TEST REPORT
No.: 19-1-0061702T02a

According to:
FCC Regulations Part 15B
Part 15.109 ,Class B

ISED-Regulations
RSS-Gen, Issue 5

for

Sewio Networks s.r.o.

Anchor Vista OmniLight
Anchor

FCC ID: 2ATZ8-SWA07-00

Laboratory Accreditation and Listings



Accredited EMC-Test Laboratory

accredited according to DIN EN ISO/IEC 17025

CETECOM GmbH

Laboratory Radio Communications & Electromagnetic Compatibility
Im Teelbruch 116 • 45219 Essen • Germany
Registered in Essen, Germany, Reg. No.: HRB Essen 8984
Tel.: + 49 (0) 20 54 / 95 19-954 • Fax: + 49 (0) 20 54 / 95 19-964
E-mail: info@cetecom.com • Internet: www.cetecom.com

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1. Radiated Field Strength Measurements

1.1. Radiated Field Strength Emissions – 30 MHz to 1 GHz

3.01_FCC_15B_Laying_Omnilight

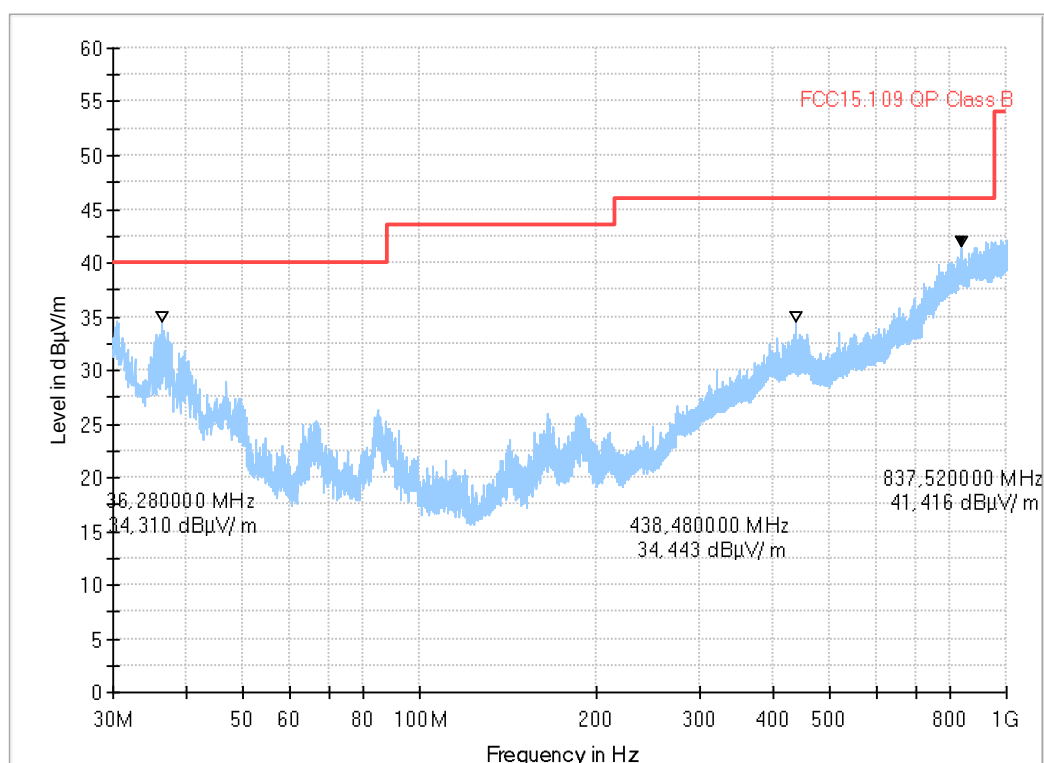
Common Information

Test description:	Electric Field Strength Measurement
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC32 V9.25.0
Distance correction:	not used
Used filter:	not used
Technical Data:	please see page 2 for detailed data of measurement setup
Test specification.:	FCC 15.109 Class B; RSS-Gen. Issue 4
Operator:	MKh
Operating Mode:	FCC 15B
Power during tests:	Power over the Ethernet
Comment 1:	The POE box and adapter is outside the chamber
Environmental Conditions.:	Humidity : 58.8% rH; Temperature: 21.4° C
EUT Setup:	Laying
Verdict:	Passed

EUT Information

Manufacturer:	Sewio Networks s.r.o.
Model:	Vista OmniLight
Type:	Anchor
HW:	1,6
SW:	3,1
Serial Nr.:	80:1f:12:56:e4:85
Comments:	PMT Sample 12

Full Spectrum



3.02_FCC_15B_Standing_Omnilight

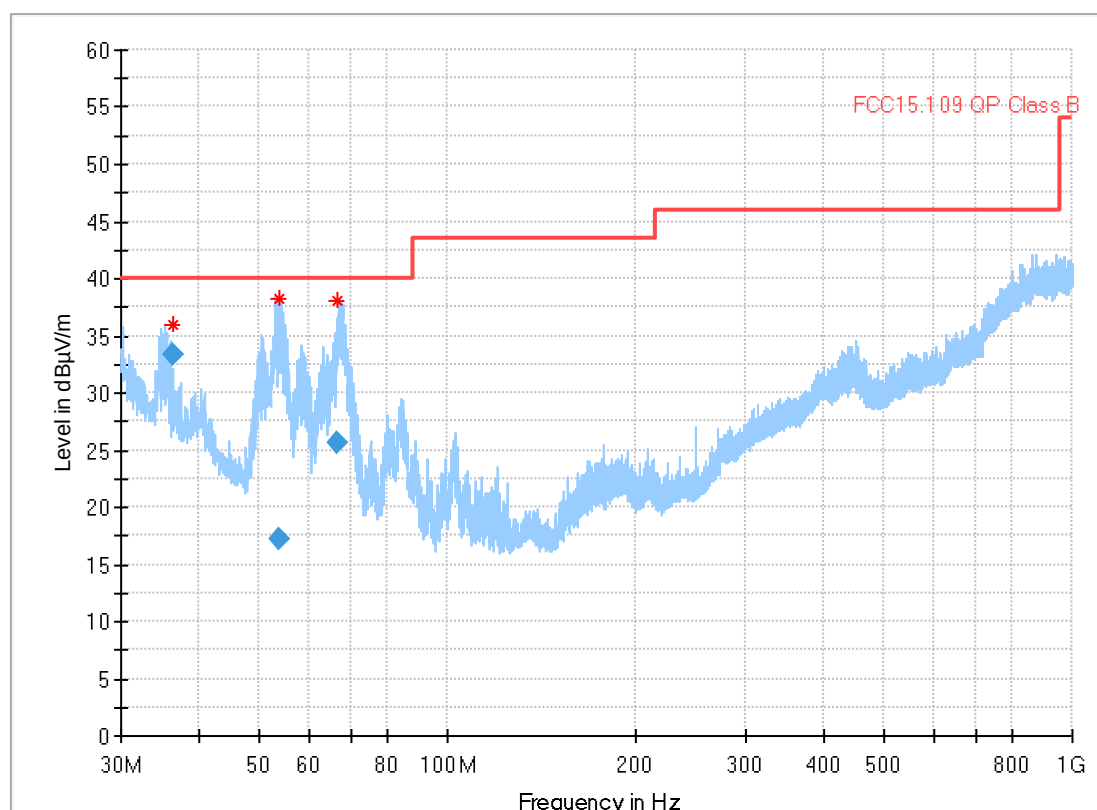
Common Information

Test description:	Electric Field Strength Measurement
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC32 V9.25.0
Distance correction:	not used
Used filter:	not used
Technical Data:	please see page 2 for detailed data of measurement setup
Test specification.:	FCC 15.109 Class B; RSS-Gen. Issue 4
Operator:	MKh
Operating Mode:	FCC 15B
Power during tests:	Power over the Ethernet
Comment 1:	The POE box and adapter is outside the chamber
Environmental Conditions.:	Humidity : 59.2% rH; Temperature: 21.4° C
EUT Setup:	Standing
Verdict:	Passed

EUT Information

Manufacturer:	Sewio Networks s.r.o.
Model:	Vista OmniLight
Type:	Anchor
HW:	1,6
SW:	3,1
Serial Nr.:	80:1f:12:56:e4:85
Comments:	PMT Sample 12

Full Spectrum



1.1.1.

1.2. Radiated Field Strength Emissions – 1 GHz to 18 GHz

4.01_FCC_15B

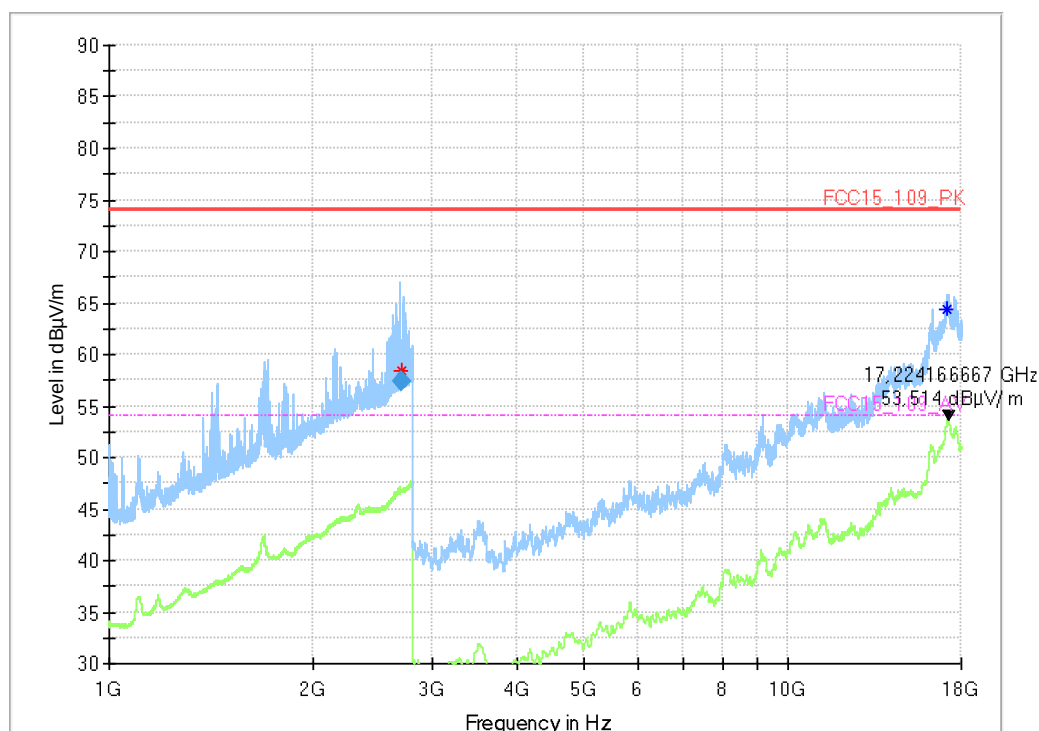
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.109 Unintentional Radiator
Antenna polarisation:	horizontal/vertical
Operating Mode:	FCC 15B
Operator:	FKA
Comment:	Uplink channel middle: Downlink channel middle:
Environmental Conditions::	Internal/External Antenna of EUT used
EUT Setup:	Humidity : 44% rH; Temperature: 21° C
Verdict:	1 passed

EUT Information

Manufacturer:	Sewio Networks s.r.o.
Model:	Vista OmniLight
Type:	Anchor
HW:	1,6
SW:	3,1
Serial Nr.:	80:1f:12:56:e4:85
Comments:	PMT Sample 12

Full Spectrum



Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
2691.230000	57.38	74.00	16.62	100.0	1000.000	V	244.0	90.0	38

1.3. Radiated Field Strength Emissions – 18 GHz to 26.5 GHz

4.02_FCC_15B

