

Annex 1: Measurement diagrams to Test Report 21-1-0007001T04a-C1

Number of pages:	4	Date of Report:	2024-Feb-07
Testing company:	cetecom advanced GmbH Untertuerkheimer Str. 6-10 66117 Saarbruecken GERMANY	Applicant:	Ledlenser GmbH & Co. KG
Test Object / Tested Device(s):	Portable LED lamp XP30R		
FCC ID:	2AUMP-XP30R	ISED ID:	--
Testing has been carried out in accordance with:	Title 47 CFR, Chapter I FCC Regulations, Subchapter A Subpart B: §15.109 (Class B limits) ISED Regulations ICES-003, Issue 6 (Class B limits) Deviations, modifications or clarifications (if any) to above mentioned documents are written in each section under "Test method and limit".		

1 Measurement diagrams

3.01

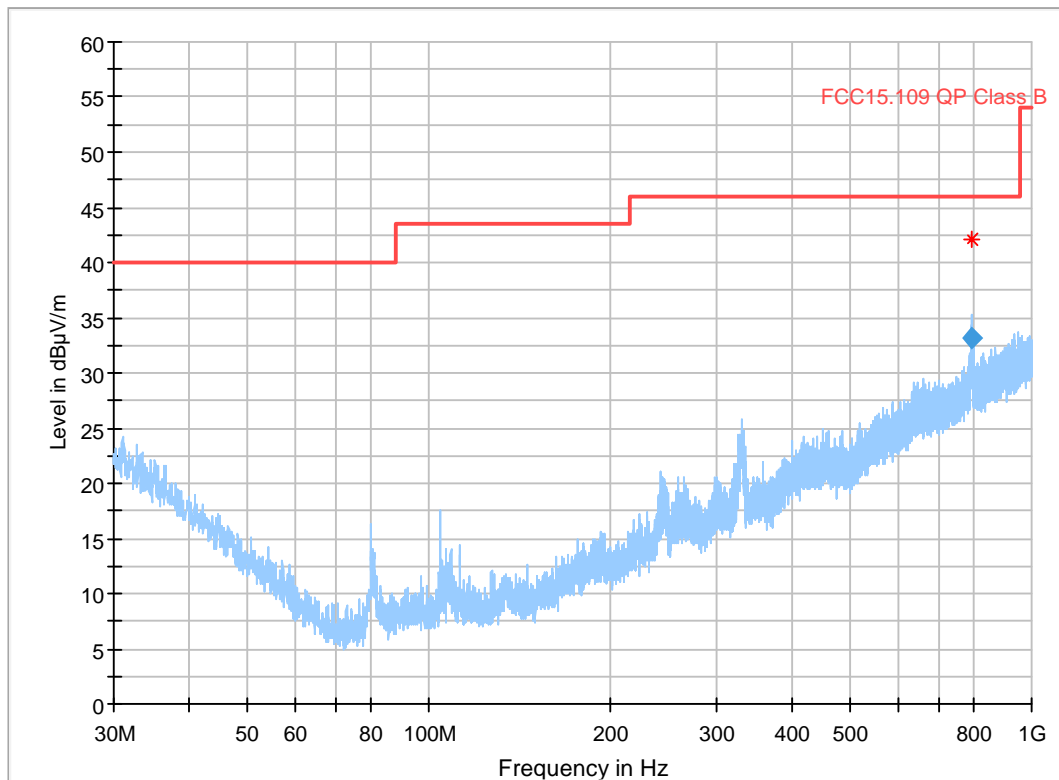
Common Information

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:	Op. mode 1
Environmental Conditions::	Humidity :39 %rH; Temperature: 21°C
Operator:	Mar
Verdict:	Passed

EUT Information

PMT number:	21-1-00070S02_C01
Manufacturer:	Ledlenser GmbH & Co. KG

Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin	Meas. Time (ms)	Bandwidth (Hz)	Height	Pol	Azimuth	Corr. (dB/m)
795.665000	33.14	46.00	12.86	1000.0	120.000	269.0	V	246.0	25.2

4.01

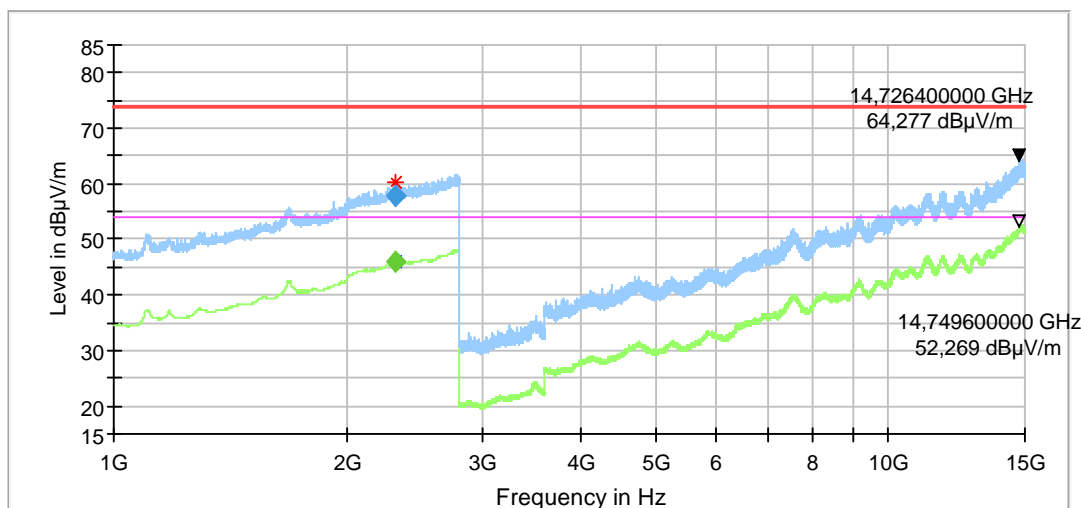
Common Information

Test Description:	Radiated Field Strength Emission
Test Site Location:	CETECOM GmbH Essen
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC Part 15.109, class B / RSS-Gen., Issue 4
Operating Mode:	Op. mode 1
Equipment Class:	Class B
Environmental Conditions::	Humidity : 40%rH; Temperature: 20°C
Operator:	HLa
EUT Setup:	1
Verdict:	Passed

EUT Information

PMT number:	21-1-00070S03_C01
Manufacturer:	Ledlenser GmbH & Co. KG

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)
2310.460000	57.97	74.00	16.03	100.0	1000.000	H	280.0	0.0	38
2317.100000	---	54.00	7.91	100.0	1000.000	V	157.0	0.0	38

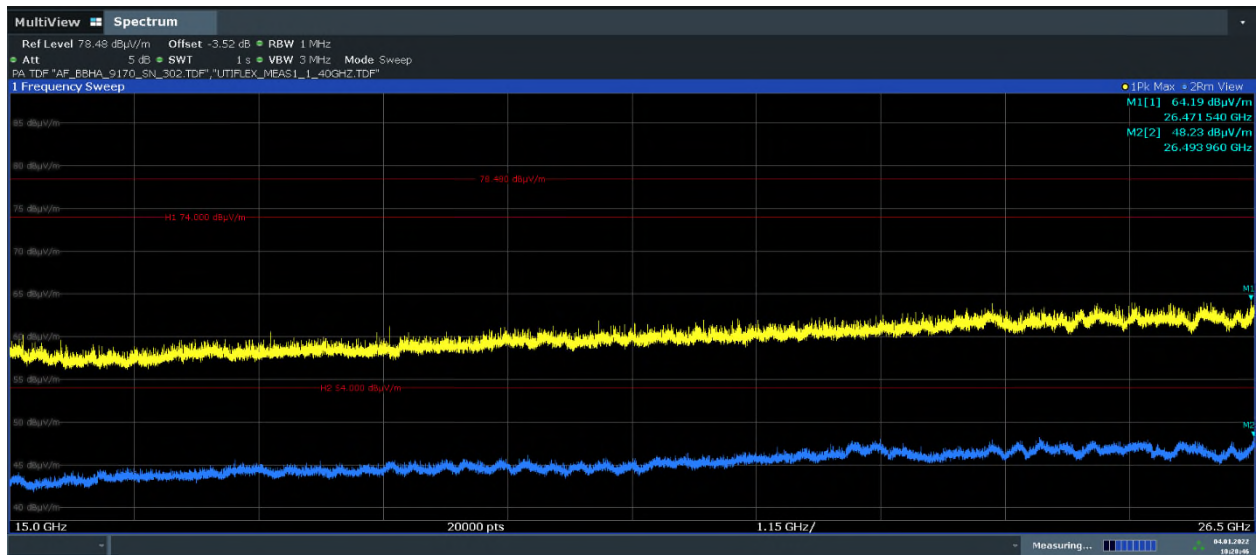
4.02

Common Information

Test Description:	Radiated Filed Strength Emission
Test Site Location:	CETECOM GmbH Essen
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC Part 15.109, class B / RSS-Gen., Issue 4
Operating Mode:	Op. mode 1
Equipment Class:	Class B
Environmental Conditions::	Humidity : 40%rH; Temperature: 20°C
Operator:	HLa
EUT Setup:	1
Verdict:	Passed

EUT Information

PMT number:	21-1-00070S03_C01
Manufacturer:	Ledlenser GmbH & Co. KG



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End Of Annex 1