

Annex 1: Measurement diagrams 20-1-0194901T13a-C01-A1

Number of pages:	8	Date of Report:	2022-Jan-12
Testing company:	CETECOM GmbH Im Teelbruch 116 45219 Essen Germany Tel. + 49 (0) 20 54 / 95 19-0 Fax: + 49 (0) 20 54 / 95 19-150	Applicant:	Eliko Technoloogia Arenduskeskus OÜ
Test Object / Tested Device(s):	Positioning device ELIKO ANCHOR		
Contains FCC ID:	2AF2I-ANCHOR	IC:	--
Testing has been carried out in accordance with:	FCC Regulations: Title 47 CFR, Chapter I FCC Regulations, Subchapter A Subpart B: §15.107, §15.109 (Class B limits) Deviations, modifications or clarifications (if any) to above mentioned documents are written in each section under "Test method and limit".		



Table of Contents

1 Measurement diagrams.....3

1 Measurement diagrams

1.01_Anchor

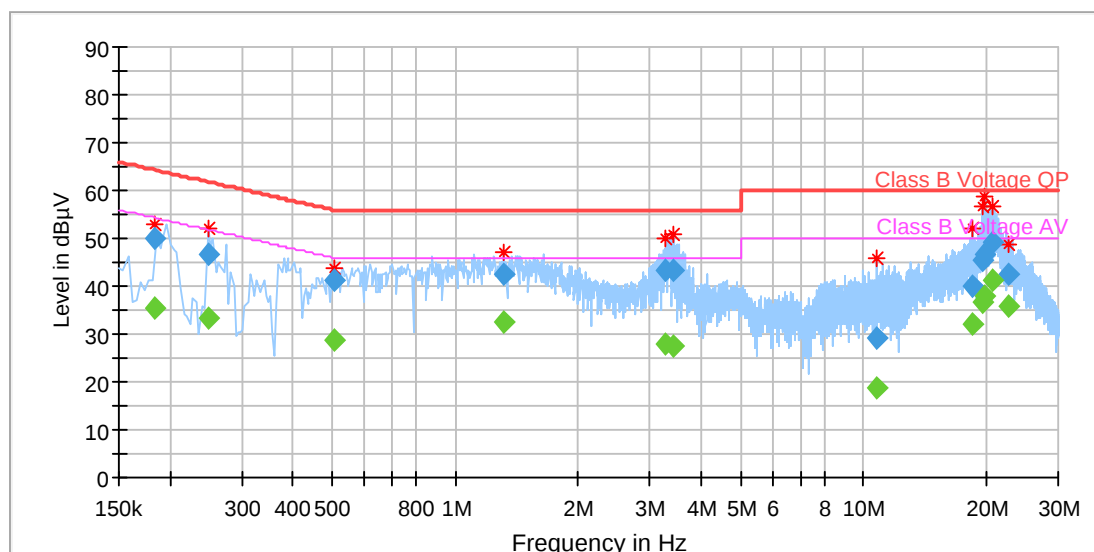
Common Information

Test Description:	Conducted Voltage Measurement Class B
Test Site Location:	Conducted Emission, CETECOM GmbH Essen
Test Software:	R&S EMC32 v9.15
Test Standard:	FCC 15.107, FCC 15.207
Operating Mode:	op mode 1
Measured on line:	N/L1
Diagram details:	Shows the peak values as a sum of measured ports in maxhold mode
Environmental Conditions:	Humidity: 41% rH; Temperature: 21 °C
Operator:	HLA
Comments:	
EUT Setup:	
Verdict:	Passed

EUT Information

PMT number:	20-1-01949S50_C01
Manufacturer:	Eliko Technoloogja Arenduskeskus OÜ

Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	PE	Corr. (dB)
0.184375	---	35.37	54.29	18.92	1000.0	9.000	N	GND	0.1
0.184375	49.97	---	64.29	14.32	1000.0	9.000	N	GND	0.1
0.250156	---	33.51	51.75	18.24	1000.0	9.000	N	GND	0.1
0.250156	46.55	---	61.75	15.20	1000.0	9.000	N	GND	0.1
0.506406	---	28.65	46.00	17.35	1000.0	9.000	L1	GND	0.1
0.506406	41.08	---	56.00	14.92	1000.0	9.000	L1	GND	0.1
1.311563	42.50	---	56.00	13.50	1000.0	9.000	L1	GND	0.3
1.311563	---	32.53	46.00	13.47	1000.0	9.000	L1	GND	0.3
3.287031	---	28.08	46.00	17.92	1000.0	9.000	N	GND	0.3
3.287031	43.33	---	56.00	12.67	1000.0	9.000	N	GND	0.3
3.426563	43.41	---	56.00	12.59	1000.0	9.000	N	GND	0.3

3.426563	---	27.49	46.00	18.51	1000.0	9.000	N	GND	0.3
10.730156	29.29	---	60.00	30.71	1000.0	9.000	N	GND	0.4
10.730156	---	18.70	50.00	31.30	1000.0	9.000	N	GND	0.4
18.419219	40.12	---	60.00	19.88	1000.0	9.000	N	GND	0.8
18.419219	---	32.06	50.00	17.94	1000.0	9.000	N	GND	0.8
19.521875	45.21	---	60.00	14.79	1000.0	9.000	N	GND	0.9
19.521875	---	36.82	50.00	13.18	1000.0	9.000	N	GND	0.9
19.718438	46.68	---	60.00	13.32	1000.0	9.000	N	GND	0.9
19.718438	---	37.89	50.00	12.11	1000.0	9.000	N	GND	0.9
20.732813	49.17	---	60.00	10.83	1000.0	9.000	N	GND	0.9
20.732813	---	41.09	50.00	8.91	1000.0	9.000	N	GND	0.9
22.651406	42.32	---	60.00	17.68	1000.0	9.000	L1	GND	0.7
22.651406	---	35.81	50.00	14.19	1000.0	9.000	L1	GND	0.7

3.01_Laying

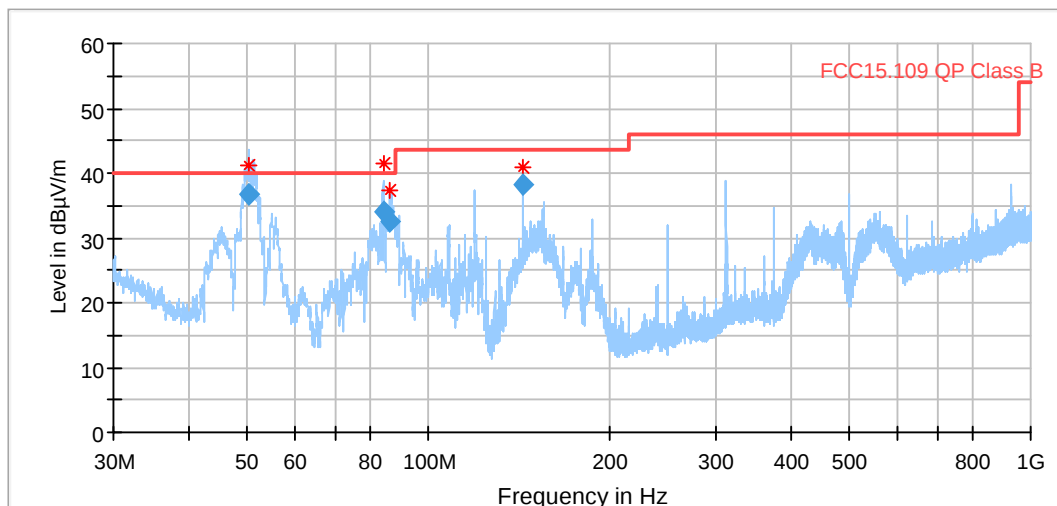
Common Information

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 1
Environmental Conditions:	Humidity : 50% rH; Temperature: 21 °C
Operator:	HLA/JRi
Verdict:	Passed

EUT Information

PMT number:	20-1-01949S50_C01
Manufacturer:	Eliko Technoloogia Arenduskeskus OÜ

Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
50.425000	36.67	40.00	3.33	1000.0	120.000	105.0	V	76.0	12.8
84.065000	33.98	40.00	6.02	1000.0	120.000	135.0	V	201.0	7.6
86.013000	32.54	40.00	7.46	1000.0	120.000	127.0	V	235.0	7.9
143.335000	38.27	43.50	5.23	1000.0	120.000	105.0	V	116.0	8.7

3.02_Standing

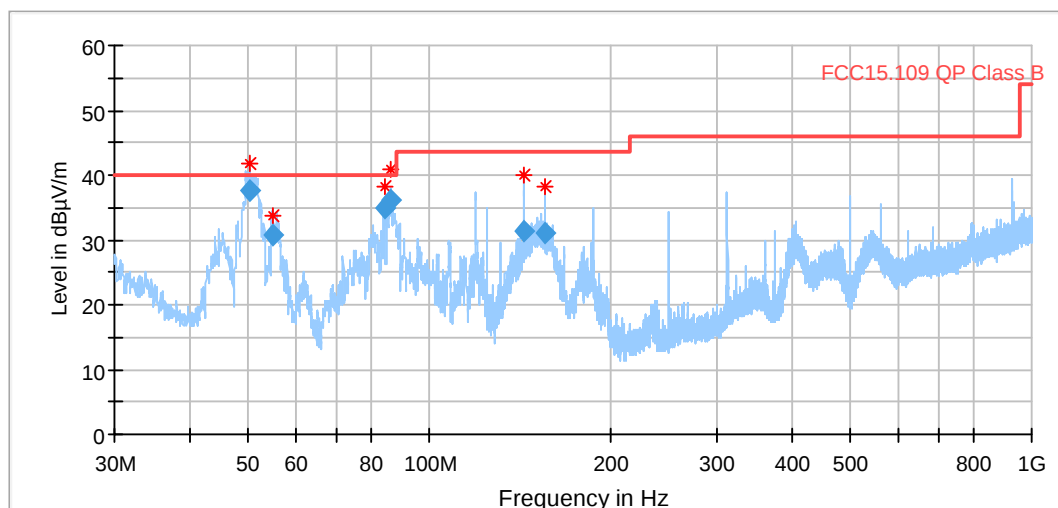
Common Information

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 1
Environmental Conditions:	Humidity : 50% rH; Temperature: 21 °C
Operator:	HLA/JRi
Verdict:	Passed

EUT Information

PMT number:	20-1-01949S50_C01
Manufacturer:	Eliko Technoloogia Arenduskeskus OÜ

Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
50.223000	37.65	40.00	2.35	1000.0	120.000	105.0	V	89.0	12.9
54.813000	30.81	40.00	9.19	1000.0	120.000	157.0	V	124.0	11.2
84.183000	34.98	40.00	5.02	1000.0	120.000	145.0	V	221.0	7.7
86.395000	36.22	40.00	3.78	1000.0	120.000	368.0	H	37.0	8.0
143.219000	31.34	43.50	12.16	1000.0	120.000	105.0	V	135.0	8.7
155.193000	31.05	43.50	12.45	1000.0	120.000	109.0	V	98.0	8.9

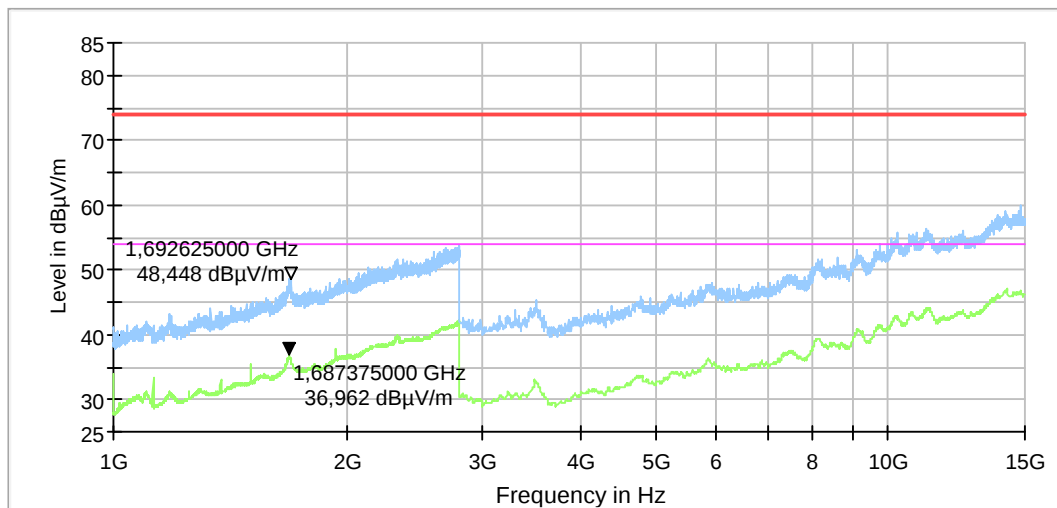
4.01

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0
Test Standard:	FCC 15.109 Unintentional Radiator
Antenna polarisation:	horizontal/vertical
Operating Mode:	Op1
Operator:	HLa
Comment:	
Environmental Conditions::	Humidity : 40% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	20-1-01949S50_C01
Manufacturer:	Eliko Technoloogia Arenduskeskus OÜ
	Full Spectrum



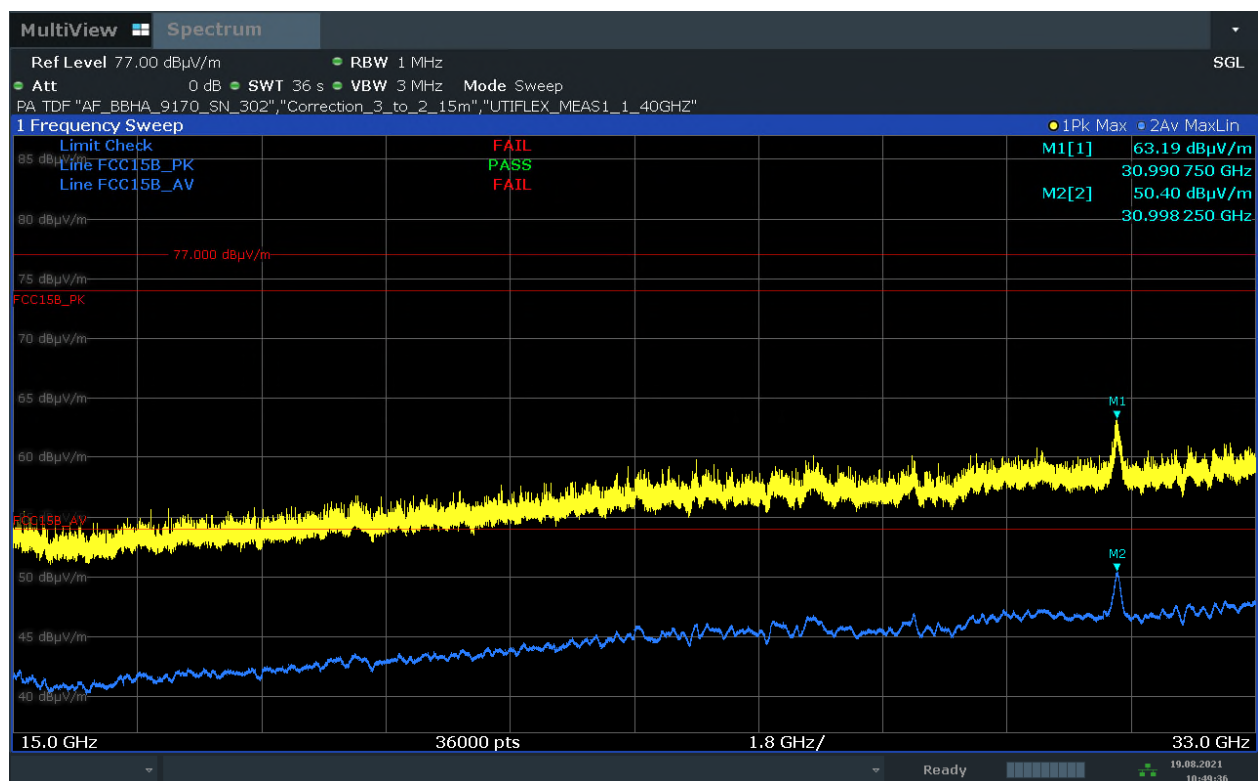
4.02

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC2) - EMC32 V10.50.0
Test Standard:	FCC 15.109 Unintentional Radiator
Antenna polarisation:	horizontal/vertical
Operating Mode:	Op1
Operator:	HLa
Comment:	
Environmental Conditions:	Humidity : 40% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	20-1-01949S50_C01
Manufacturer:	Eliko Technologia Arenduskeskus OÜ



10:49:36 19.08.2021

End Of Annex 1