

Annex 1: Measurement diagrams to Test Report 21-1-0116001T02a-C1-A1

Number of pages:	5	Date of Report:	2023-May-23
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:	Alois Kober GmbH
Test Object / Tested Device(s):	E&P levelsystem E&P levelsystem Main unit		
FCC ID:	2A5AD-4100970	IC:	N/A
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_lying

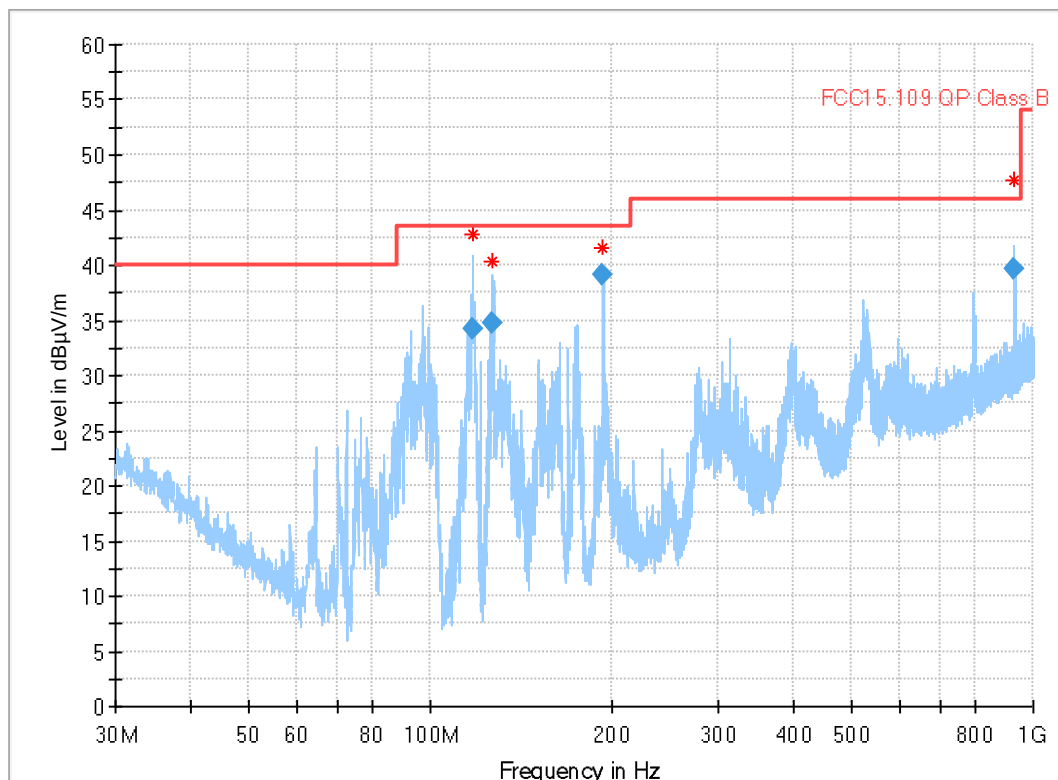
Common Information

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 : 50%rH; Temperature: 20°C
Operator:	JRi/PGrundmann/LKnopp
Verdict:	Passed

EUT Information

PMT number:	21-1-01160S02_C01
Manufacturer:	ALOIS KOBER GMBH

Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin	Meas. Time (ms)	Bandwidth (Hz)	Height	Pol	Azimuth	Corr. (dB/m)
117.599000	34.21	43.50	9.29	1000.0	120.000	105.0	V	105.0	7.9
126.755000	34.65	43.50	8.85	1000.0	120.000	105.0	V	136.0	8.5
193.475000	39.16	43.50	4.34	1000.0	120.000	105.0	V	16.0	11.5
928.469000	39.61	46.00	6.39	1000.0	120.000	298.0	H	293.0	27.0

3.02_standing

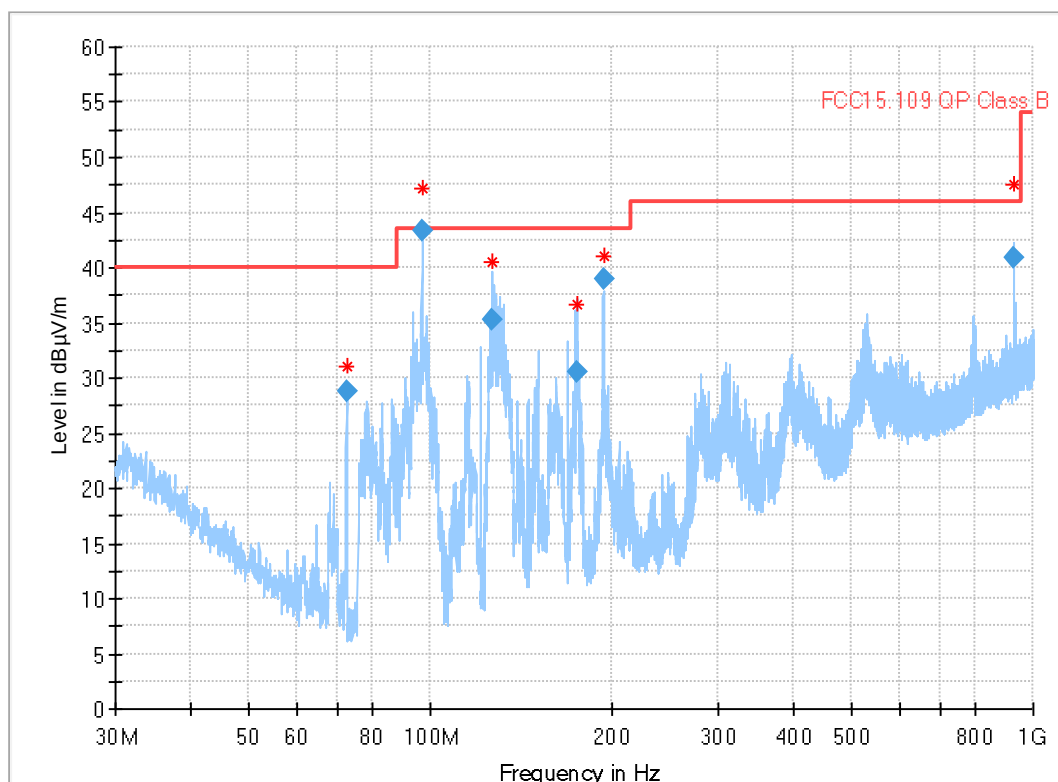
Common Information

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:	
Environmental Conditions:	Humidity : 50%rH; Temperature: 20°C
Operator:	JRi/PGrundmann/LKnopp
Verdict:	Passed

EUT Information

PMT number:	21-1-01160S02_C01
Manufacturer:	ALOIS KOBER GMBH

Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin	Meas. Time (ms)	Bandwidth (Hz)	Height (dB)	Pol	Azimuth (°)	Corr. (dB/m)
72.535000	28.78	40.00	11.22	1000.0	120.000	111.0	V	256.0	6.6
96.745000	43.35	43.50	0.15	1000.0	120.000	105.0	V	276.0	8.2
126.785000	35.34	43.50	8.16	1000.0	120.000	109.0	V	100.0	8.5
175.165000	30.60	43.50	12.90	1000.0	120.000	109.0	V	62.0	10.4
193.505000	38.88	43.50	4.62	1000.0	120.000	105.0	V	22.0	11.5
928.405000	40.87	46.00	5.13	1000.0	120.000	115.0	H	278.0	27.0

4.01

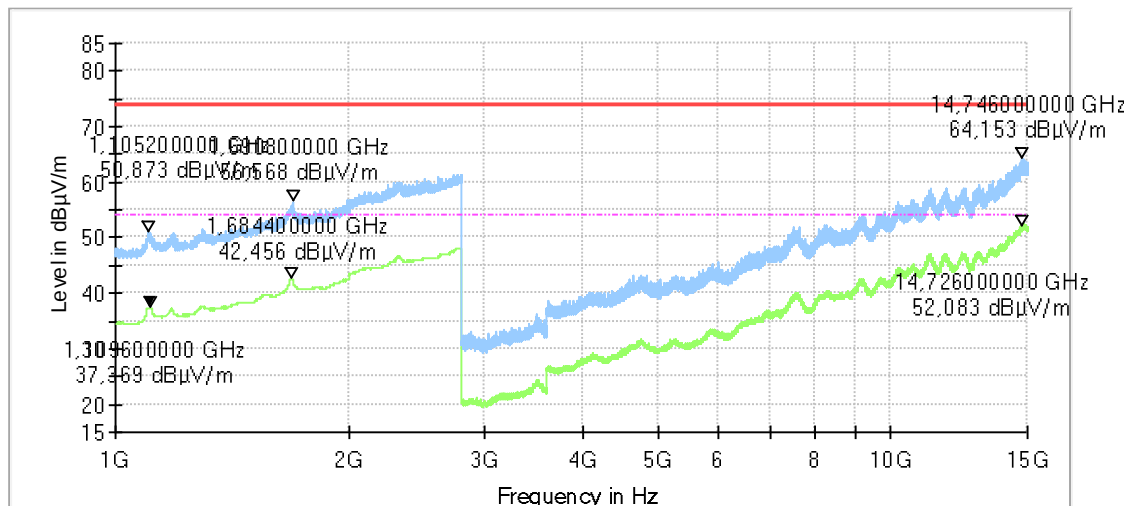
Common Information

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 : %rH; Temperature: °C
Operator:	HLA
EUT Setup:	1
Verdict:	Passed
Comment:	

EUT Information

PMT number:	21-1-01160S02_C01
Manufacturer:	ALOIS KOBER GMBH
Product:	Main unit
Model:	MU-A
Power Supply:	12VDC

Full Spectrum



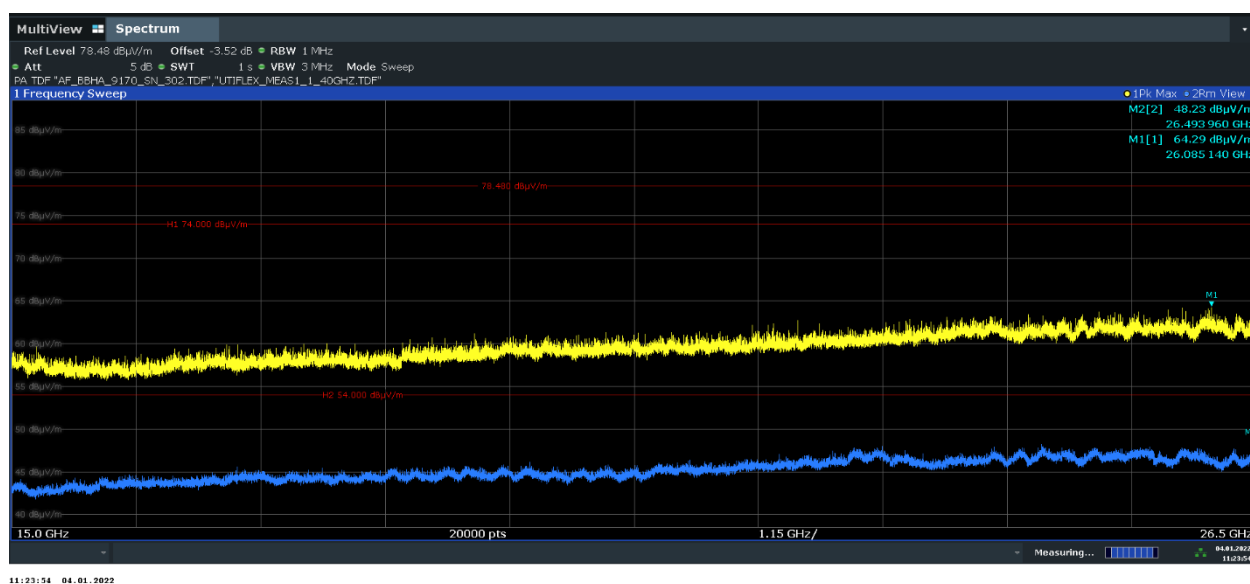
4.02

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 : %rH; Temperature: °C
Operator:	HLA
EUT Setup:	1
Verdict:	Passed
Comment:	

EUT Information

PMT number:	21-1-01160S02_C01
Manufacturer:	ALOIS KOBER GMBH
Product:	Main unit
Model:	MU-A
Power Supply:	12VDC



End Of Annex 1