

Annex 1: Measurement diagrams 18-1-0173201T46a-A1

Number of pages:	4	Date of Report:	2020-Oct-21
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:	Actia Nordic AB
Test Object / Tested Device(s):	Telematics Device / 103250101		
FCC ID:	2AGKK103250101		
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

3.01a_laying

Common Information

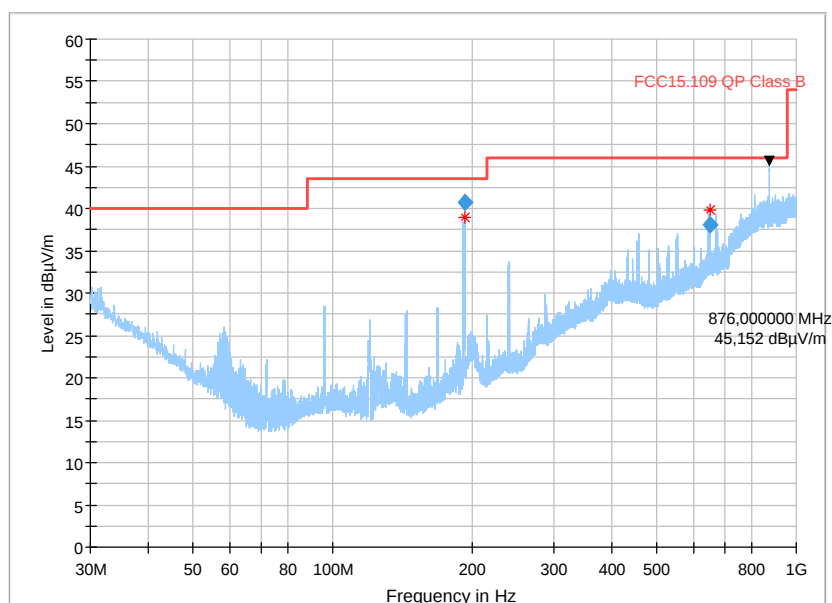
Test Description:	Electric Field Strength Measurement
Test Site Location:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC32 V9.25.0
Technical Data:	please see page 2 for detailed data of measurement setup
Test Standard.:	FCC 15.109 Class B; RSS-Gen. Issue 5
Operator:	LKu
Operating Mode:	GSM 850 IDLE + CAN
Environmental Conditions.:	Humidity : 40% rH; Temperature: 20° C
Verdict:	Passed

EUT Information

PMT number:	18-1-01732S32
Manufacturer:	ACTIA Nordic AB
Product:	Telematics Device
Model:	103250101

HW version:	H1
SW version:	1
Serial number:	--
Connected Interfaces:	--
Power Supply:	12 V DC

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
192.490000	40.64	43.50	2.86	120.000	105.0	V	43.0	11.5
650.120000	38.07	46.00	7.93	120.000	114.0	H	116.0	23.2

3.01b_standing

Common Information

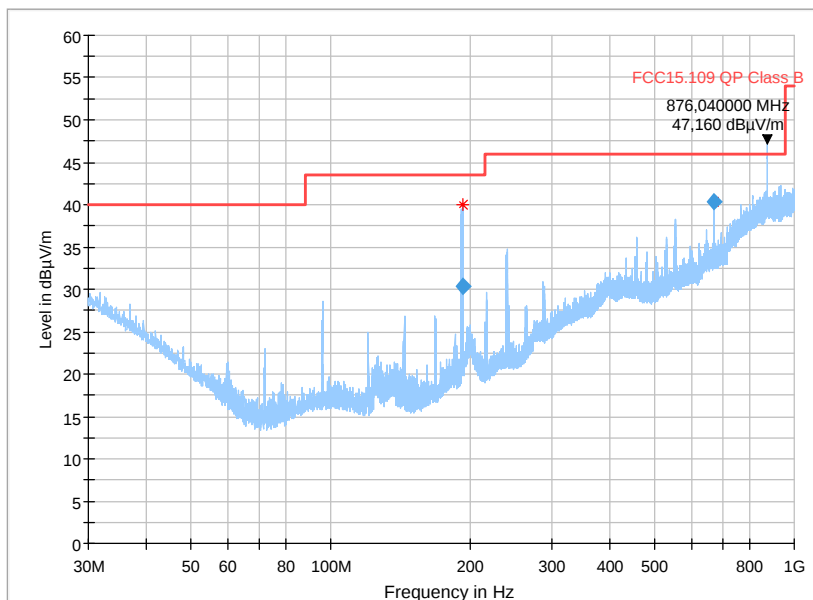
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Connected Interfaces:	--
Power Supply:	12 V DC

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
193.240000	30.37	43.50	13.13	120.000	155.0	V	0.0	11.5
671.300000	40.33	46.00	5.67	120.000	105.0	H	117.0	23.3

4.01_15B

Common Information

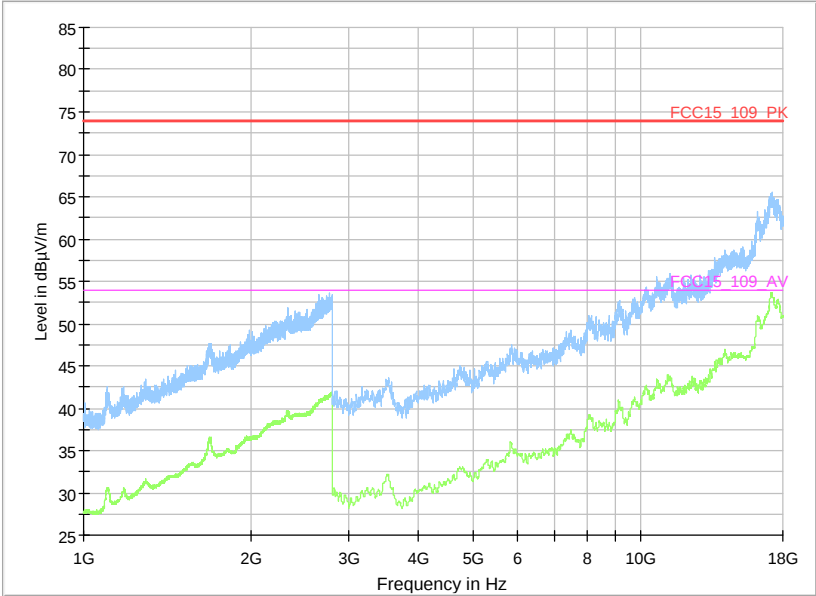
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End Of Annex 1