

Annex 1: Measurement diagrams to TEST REPORT No.: 18-1-0000401T01a

According to:

FCC Regulations

Part 15.107

Part 15.109

for

Agilion GmbH

WIRELESS TAG ASSET PULSE WIRELESS TAG ASSET PULSE | PHASE

FCC ID: SCF6032701

Laboratory Accreditation and Listings		
 Deutsche Akkreditierungsstelle D-PL-12047-01-01 Accredited EMC-Test Laboratory	 Industry Canada Reg. No.: 3462D-1 Reg. No.: 3462D-2 Reg. No.: 3462D-3	 Voluntary Controls for Electromagnetic Emissions Reg. No.: R-20013, C-20009, T-20006, G-20013
 AUTHORIZED RF LABORATORY	 Authorized Test Lab Lab Code: 20011130-00	 MRA US-EU 0003
accredited according to DIN EN ISO/IEC 17025		
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Laboratory Accreditation and Listings		

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1. Radiated field strength measurements accord. §15.109

1.1. Field strength measurements 30MHz <f <1GHz

3.01

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: SLo

EUT Information

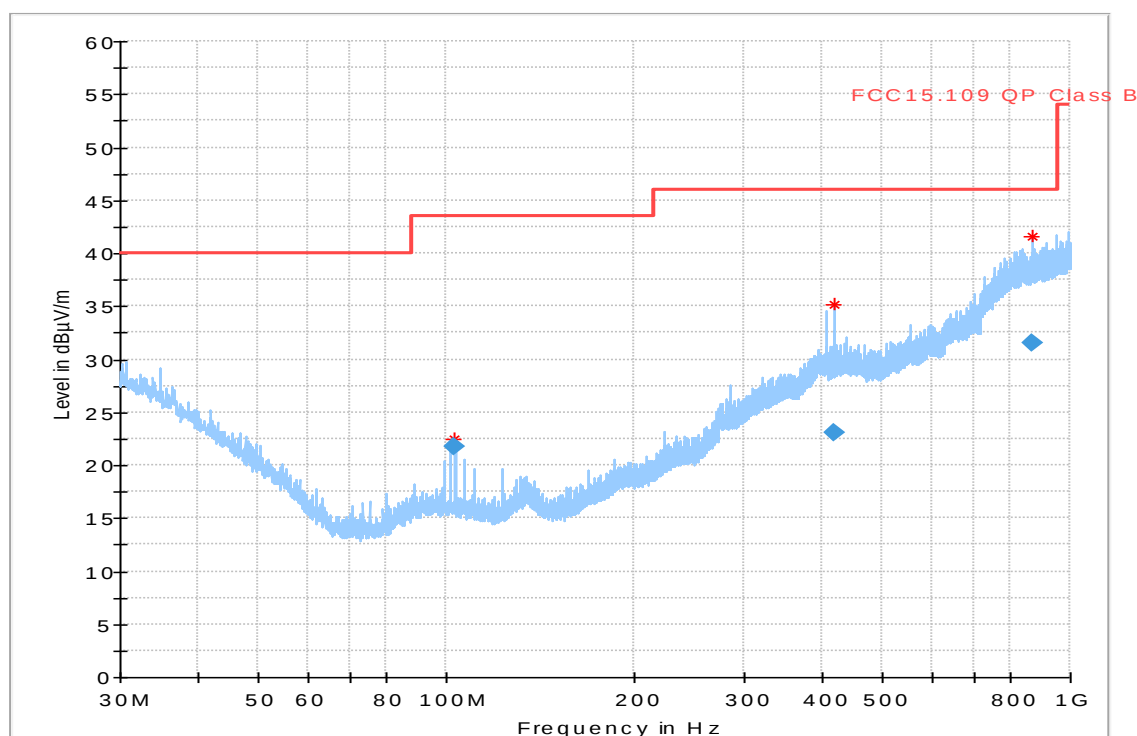
Manufacturer: Agilion GmbH
Model: WIRELESS TAG ASSET PULSE
Type: 6032701

HW version: 0589
SW version: 2.0.18
Serial number: A46689
Connected Interfaces: --
Power Supply: Intern Fully Battery

Final Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
103.290000	21.68	43.50	21.82	1000.0	120.000	125.0	V	215.0	8.1
419.770000	23.04	46.00	22.96	1000.0	120.000	360.0	V	210.0	18.8
866.820000	31.51	46.00	14.49	1000.0	120.000	227.0	V	113.0	26.0

Full Spectrum



1.2. Field strength measurements $f < 18\text{GHz}$

4.01

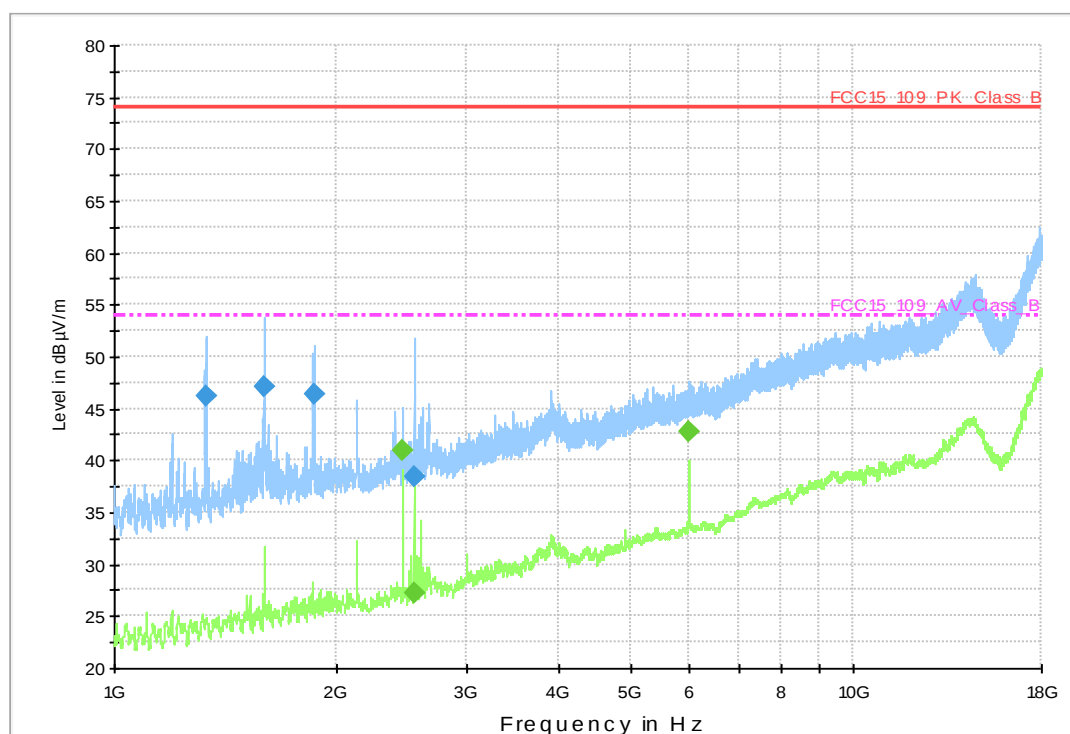
Common Information

Test Description:	Radiated Filed Strength Emission
Test Site Location:	CETECOM GmbH Essen
Test Site:	Fully Anechoic Room (FAR)
Test Standard:	FCC Part 15.109, class B / RSS-Gen., Issue 4
Operating Mode:	Operator, please fill in the operating mode
Equipment Class:	Class B
Environmental Conditions:	Humidity: 40%rH; Temperature: 25°C

EUT Information

Manufacturer:	Agilion GmbH
Model:	WIRELESS TAG ASSET PULSE
Type:	6032701
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HW version:	0589
SW version:	2.0.18
Serial number:	A46689
Connected Interfaces:	--
Power Supply:	Intern Fully Battery

030447_FCC_Part15.109_Unint_Rad_Class_B_1G-18G_FSU26_OTa1



Final Result 1

Frequency (MHz)	MaxPeak (dB μ V/m)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Azimuth (deg)	Elevation (deg)	Corr. (dB)	Margin (dB)	Limit (dB μ V/m)
1331.560000	46.2	100.0	1000.000	V	318.0	0.0	-16.3	27.8	74.0
1594.220000	47.0	100.0	1000.000	V	82.0	90.0	-15.2	27.0	74.0
1861.770000	46.3	100.0	1000.000	V	262.0	0.0	-13.1	27.7	74.0
2553.430000	38.5	100.0	1000.000	H	47.0	0.0	-11.4	35.5	74.0

Final Result 2

Frequency (MHz)	Average (dB μ V/m)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Azimuth (deg)	Elevation (deg)	Corr. (dB)	Margin (dB)	Limit (dB μ V/m)
2461.962000	41.0	100.0	1000.000	H	86.0	90.0	-11.6	13.0	54.0
2542.948000	27.2	100.0	1000.000	H	327.0	0.0	-11.4	26.8	54.0
6000.140000	42.7	100.0	1000.000	V	154.0	90.0	-3.3	11.3	54.0