

Annex 1: Measurement diagrams to TEST REPORT No.: 18-1-0002601T01a

According to:

FCC Regulations

Part 15.107

Part 15.109

for

Agilion GmbH

WIRELESS TAG EPAPER 4 WIRELESS TAG EPAPER 4 PULSE | PHASE

FCC-ID: SCF6032702

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. §15.209&15.205

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

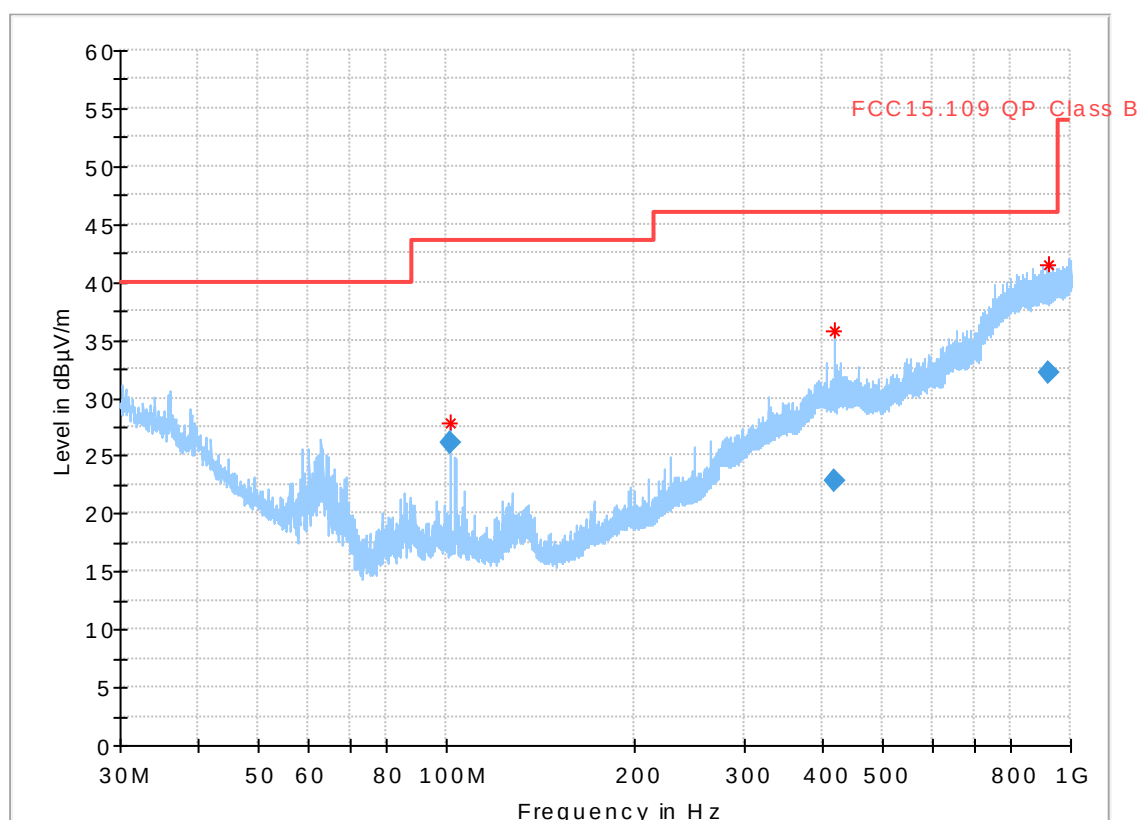
3.01_15B

Test description:	Date: 27.06.2018 Page 1 of 1
Test site and distance:	Electric Field Strength Measurement
Version of Testsoftware:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3m measurement distance
Distance correction:	EMC32 V9.25.0
Technical Data:	not used
Used filter:	Please see page 2 for detailed data of measurement setup
Test specification:	not used
Operator:	FCC15.109, class B; RSS-Gen.: Issue 4
Operating conditions:	TFra
Measured sides of EUT:	Humidity: 35%rH; Temperature: 20°C
	front, right, rear, left

EUT Information

Manufacturer:	Agilion GmbH
Product:	WIRELESS TAG EPAPER 4 PULSE PHASE
Type:	6032702
Serial Nr.:	A37367
HW version:	0587
SW version:	2.0.18
Power	Fully loaded Battery

Full Spectrum



Final Result

Frequency (MHz)	Quasi Peak (dBµ V/m)	Limit (dBµ V/m)	Margin (dB)	Meas. Time (ms)	Bandwidth h (kHz)	Height t (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr (dB)
101.298000	26.18	43.50	17.32	1000.0	120.000	129.0	V	350.0	0.0	8.1
419.090000	22.87	46.00	23.13	1000.0	120.000	353.0	V	106.0	90.0	18.8

925.190000	32.08	46.00	13.92	1000.0	120.000	203.0	V	110.0	90.0	27.1
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1.2. Field strength measurements $f < 18\text{GHz}$

4.01_15B

Common Information

Test Description:	Radiated Field 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
Product:	WIRELESS TAG EPAPER 4 PULSE PHASE
Type:	6032702
Serial Nr.:	A37367
HW version:	0587
SW version:	2.0.18
Power	Fully loaded Battery

030447_FCC_Part15.109_Unint_Rad_Class_B_1G-18G_FSU26_OTa1

