

Annex 1: Measurement diagrams to
TEST REPORT
 No.: 18-1-0221601T01a

According to:
FCC Regulations
 Part 15.109, Class B

ISED-Regulations
 RSS-Gen, Issue 4
 ICES-003, Issue 6

for

Robert Bosch Car Multimedia GmbH

AIVISBX0
 Navigationsystem with WLAN and Bluetooth

FCC-ID: YBN-AIVISBX0
 ISED: 9595A-AIVISBX0







Laboratory Accreditation and Listings		
 <p>Accredited EMC-Test Laboratory</p>	 <p>Industry Canada Reg. No.: 3462D-1 Reg. No.: 3462D-2 Reg. No.: 3462D-3</p>	 <p>Voluntary Controls for Electromagnetic Emissions Reg. No.: R-4552, C-20009, T-20006, G-20013</p>
 <p>AUTHORIZED RF LABORATORY</p>	 <p>Lab Code: 20011130-00</p>	 <p>MRA US-EU 0003</p>
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1. Measurement diagrams

1.1. General Limit - Radiated field strength emissions, 30 MHz - 1 GHz

Diagram No. 3.01a_laying_15B_Test

Test description:	21.12.2018 Page 1 of 1
Test site and distance:	Electric Field Strength Measurement
Version of Testsoftware:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Technical Data:	EMC32 V9.25.0
Test specification.:	please see page 2 for detailed data of measurement setup
Operation Mode	FCC 15.109 Class B; RSS-Gen. Issue 4
Operator:	DUT Processor running and CAN Active/Running
Operating conditions:	Aho
Power during tests:	Humidity: 48%rH; Temperature: 20°C
	13,5 V DC

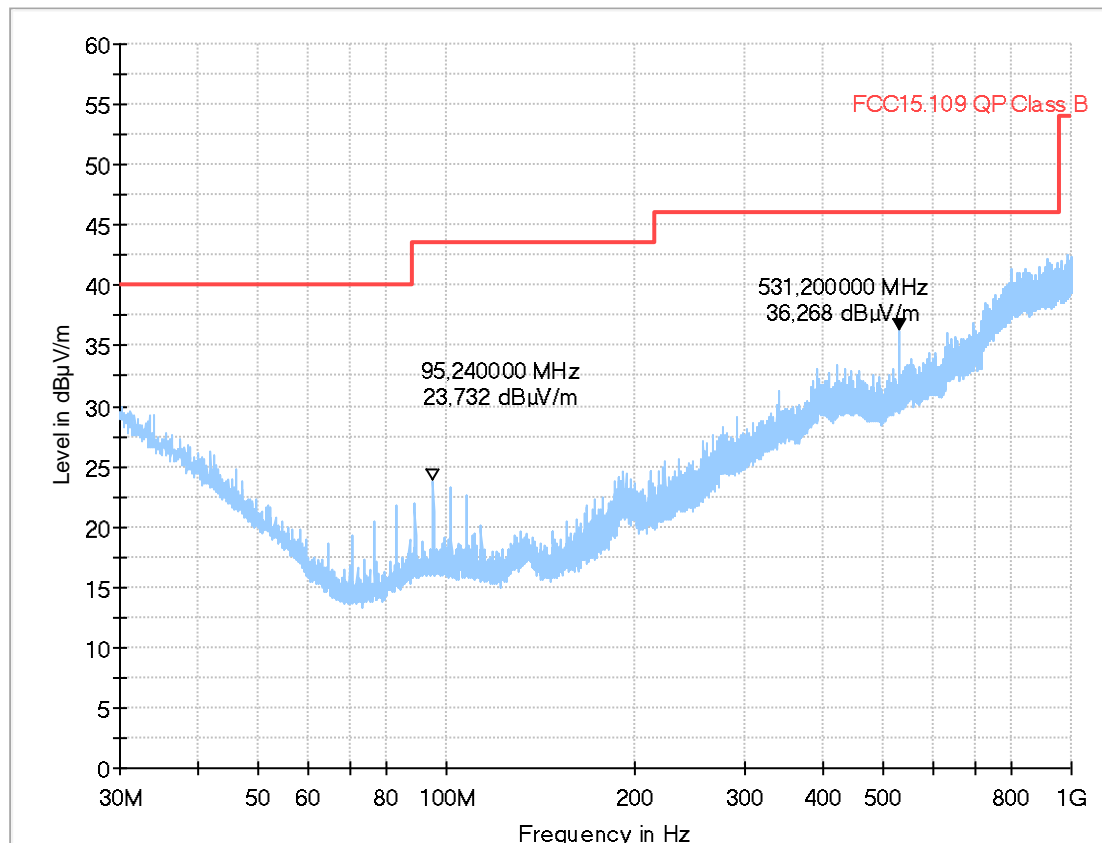
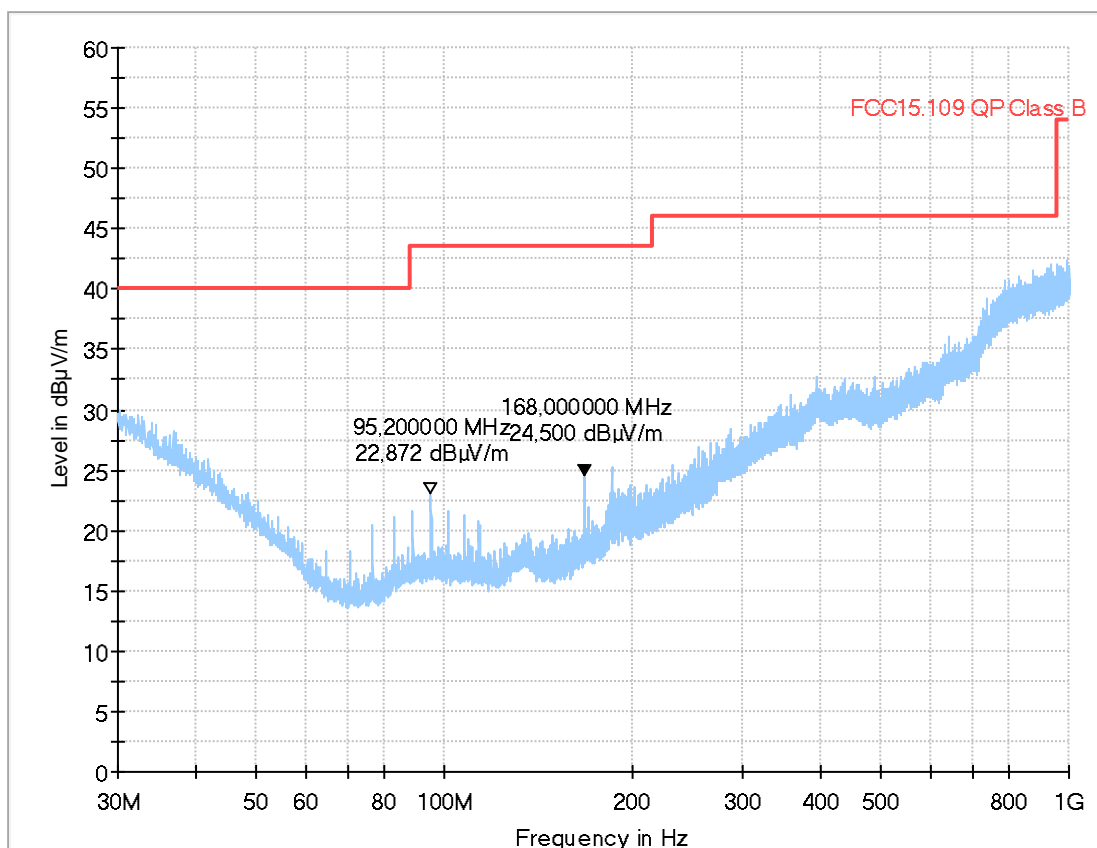


Diagram No. 3.01b_standing_15B_Test

Test description:	21.12.2018 Page 1 of 1
Test site and distance:	Electric Field Strength Measurement
Version of Testsoftware:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Technical Data:	EMC32 V9.25.0
Test specification.:	please see page 2 for detailed data of measurement setup
Operation Mode	FCC 15.109 Class B; RSS-Gen. Issue 4
Operator:	DUT Processor running and CAN Active/Running
Operating conditions:	Aho
Power during tests:	Humidity: 48%rH; Temperature: 20°C
	13,5 V DC



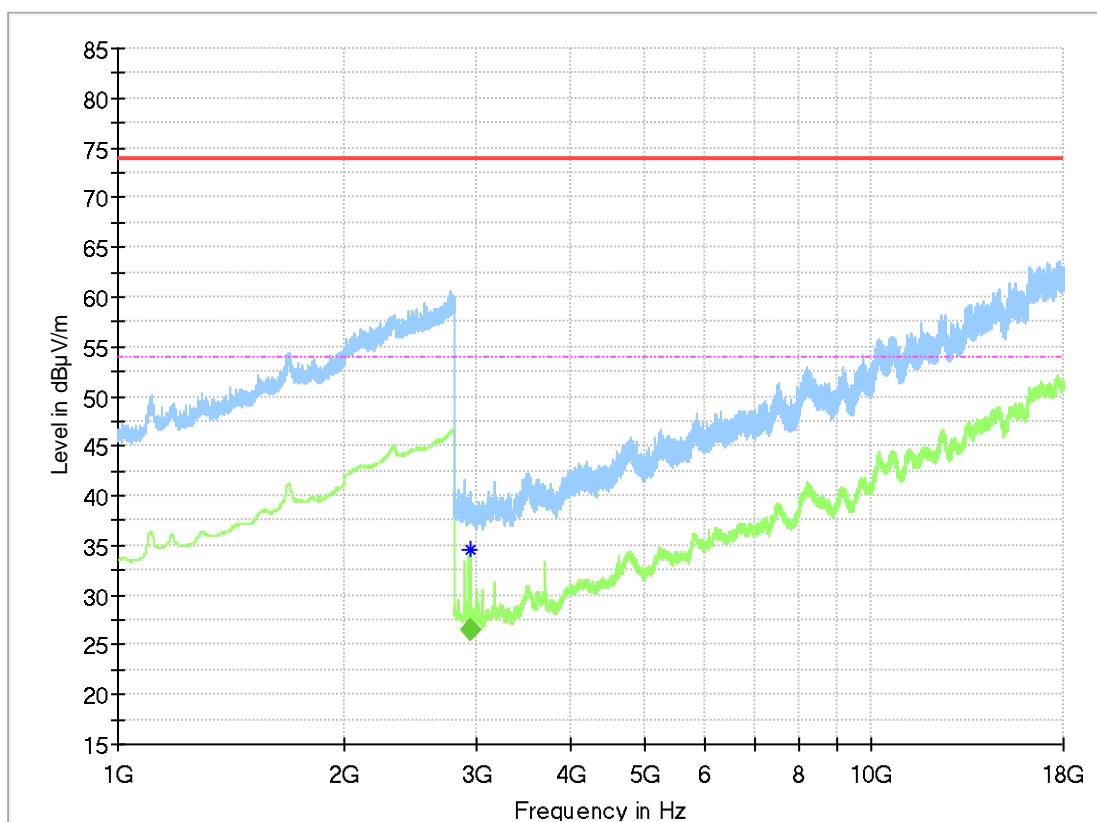
1.2. General Limit - Radiated field strength emissions, above 1 GHz

4.01a_15B_1-18GHz

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
Operation Mode	DUT Processor running and CAN Active/Running
Operator:	Aho
Operating conditions:	Humidity: 48%rH; Temperature: 20°C
Power during tests:	13,5 V DC

Full Spectrum



Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margi n (dB)	Meas . Time	Bandwid th (kHz)	Pol	Azimet h (deg)	Elevatio n (deg)	Corr . (dB)
2936.780000	---	26.42	54.00	27.58	100.0	1000.000	H	61.0	90.0	-1.0

4.01b_FCC_15B_18-26GHz

Common Information

Test Description:	Radiated Filed Strength Emission
Test Site Location:	CETECOM GmbH Essen
Test Site:	Radio Lab 2
Test Standard:	FCC Part 15.109, class B / RSS-Gen., Issue 4
Operating Mode:	GPS RX, FM/AM RX
Equipment Class:	Class B
Environmental Conditions:	Humidity: 40%rH; Temperature: 19,7°C
Operator:	MKh

Full Spectrum

