

Annex 1: Measurement diagrams to
TEST REPORT
 No.: 18-1-0200901T08a-C1

According to:
FCC Regulations
 Part 15.109, Class B

ISED-Regulations
 RSS-Gen, Issue 5
 ICES-003, Issue 6

for

Robert Bosch Car Multimedia GmbH

PIVISBX0
 Multimedia Devie with WLAN and Bluetooth

FCC-ID: YBN- PIVISBX0
 ISED: 9595A- PIVISBX0







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>
accredited according to DIN EN ISO/IEC 17025		
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Laboratory Accreditation and Listings		

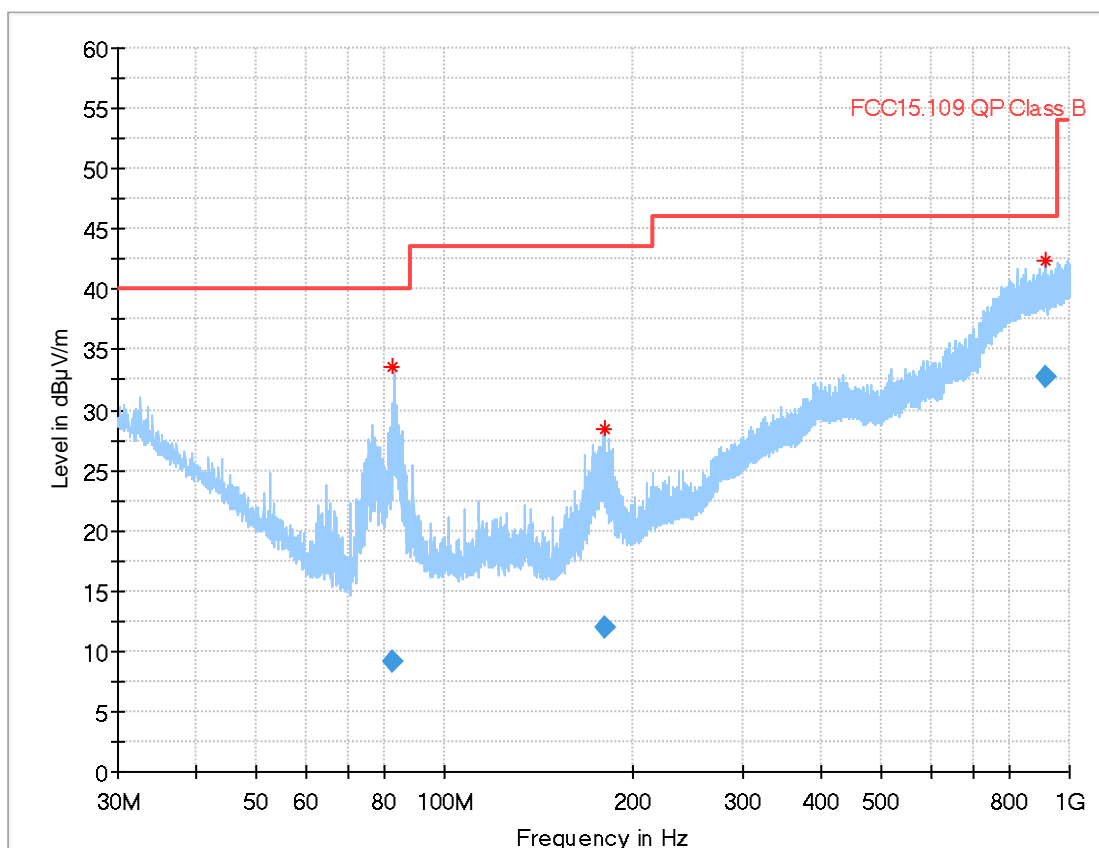
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1. Measurement diagrams

1.1. General Limit - Radiated field strength emissions, 30 MHz - 1 GHz 3.01a_laying_FCC_15B_30MHz_1GHz

Test description:	27.12.2018 Page 1 of 2 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
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
Operation Mode	GPS IDLE + FM IDLE+ CAN Active/Running
Operator:	MKh
Operating conditions:	Humidity: 48%rH; Temperature: 20°C
Power during tests:	13,5 V DC

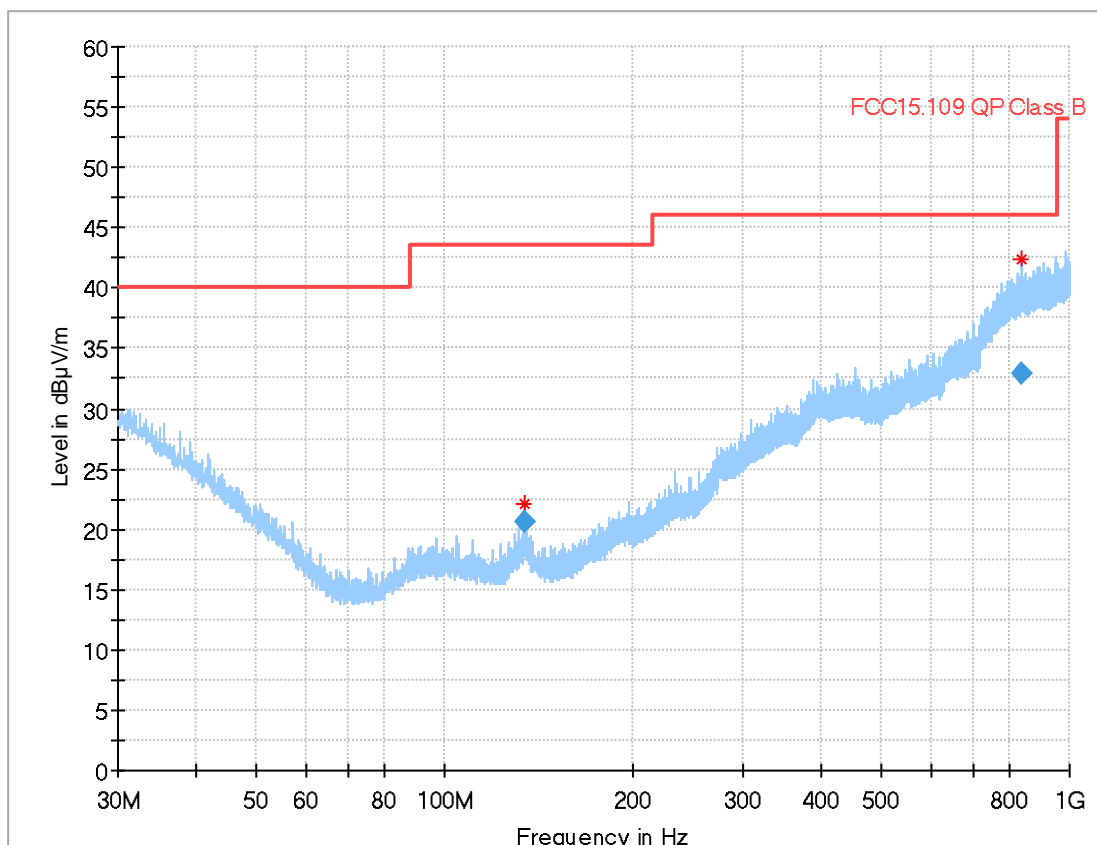


Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
82.320000	9.17	40.00	30.83	1000.0	120.000	122.0	V	89.0	7.4
180.640000	12.00	43.50	31.50	1000.0	120.000	323.0	V	133.0	10.7
915.840000	32.82	46.00	13.18	1000.0	120.000	157.0	V	48.0	26.8

3.01b_standing_FCC_15B_30MHz_1GHz

Test description:	27.12.2018 Page 1 of 2
Test site and distance:	Electric Field Strength Measurement
Version of Testsoftware:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Used filter:	EMC32 V9.25.0
Technical Data:	not used
Test specification.:	please see page 2 for detailed data of measurement setup
Operation Mode	FCC 15.109 Class B; RSS-Gen. Issue 4
Operator:	GPS IDLE + FM IDLE+ CAN Active/Running
Operating conditions:	MKh
Power during tests:	Humidity: 48%rH; Temperature: 20°C
	13,5 V DC



Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
134.000000	20.60	43.50	22.90	1000.0	120.000	138.0	V	167.0	9.7
838.050000	32.91	46.00	13.09	1000.0	120.000	113.0	H	144.0	26.1

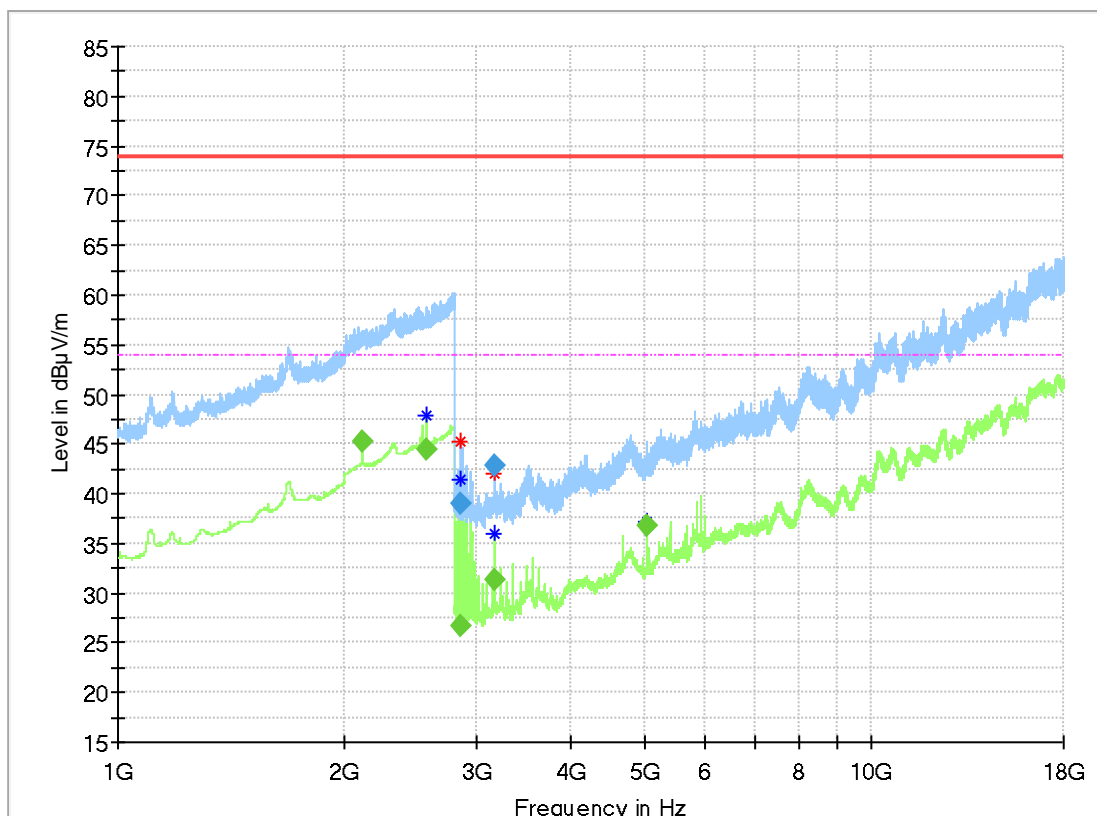
1.2. General Limit - Radiated field strength emissions, above 1 GHz

4.01a_FCC_15B

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:	GPS IDLE + FM IDLE+ CAN Active/Running
Equipment Class:	Class B
Environmental Conditions:	Humidity: 55%rH; Temperature: 20°C
Operator:	HEI

Full Spectrum



Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margi n (dB)	Meas . Time	Bandwidt h (kHz)	Pol	Azimet h (deg)	Elevatio n (deg)	Corr . (dB)
2111.980000	---	45.20	54.00	8.80	100.0	1000.000	V	348.0	0.0	34.4
2561.580000	---	44.43	54.00	9.57	100.0	1000.000	H	318.0	90.0	36.1
2857.460000	---	26.62	54.00	27.38	100.0	1000.000	H	149.0	0.0	-0.3
2857.940000	39.03	---	74.00	34.97	100.0	1000.000	H	190.0	0.0	-0.2
3167.980000	---	31.31	54.00	22.69	100.0	1000.000	V	25.0	0.0	-0.3
3167.980000	42.86	---	74.00	31.14	100.0	1000.000	V	321.0	0.0	-0.3
5035.820000	---	36.88	54.00	17.12	100.0	1000.000	V	174.0	0.0	3.9

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 , CAN
Equipment Class:	Class B
Environmental Conditions:	Humidity: 40%rH; Temperature: 19,7°C
Operator:	Mah

Full Spectrum

