

Annex 1: Measurement diagrams to Test Report 19-1-0097801T04a-A1



Number of pages:	6	Date of Report:	2020-May-12
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:	Robert Bosch GmbH
Test Object / Tested Device(s):	BUI350		
Listing FCC ID:	2AUXS-NYON350	ISED:	25847-NYON350
Testing has been carried out in accordance with:	FCC Regulations Part 15.107 Part 15.109 ISED Regulations ICES-003, Issue 6 Deviations, modifications or clarifications (if any) to above mentioned documents are written in each section under "Test method and limit".		



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1 Measurement diagrams

3.01

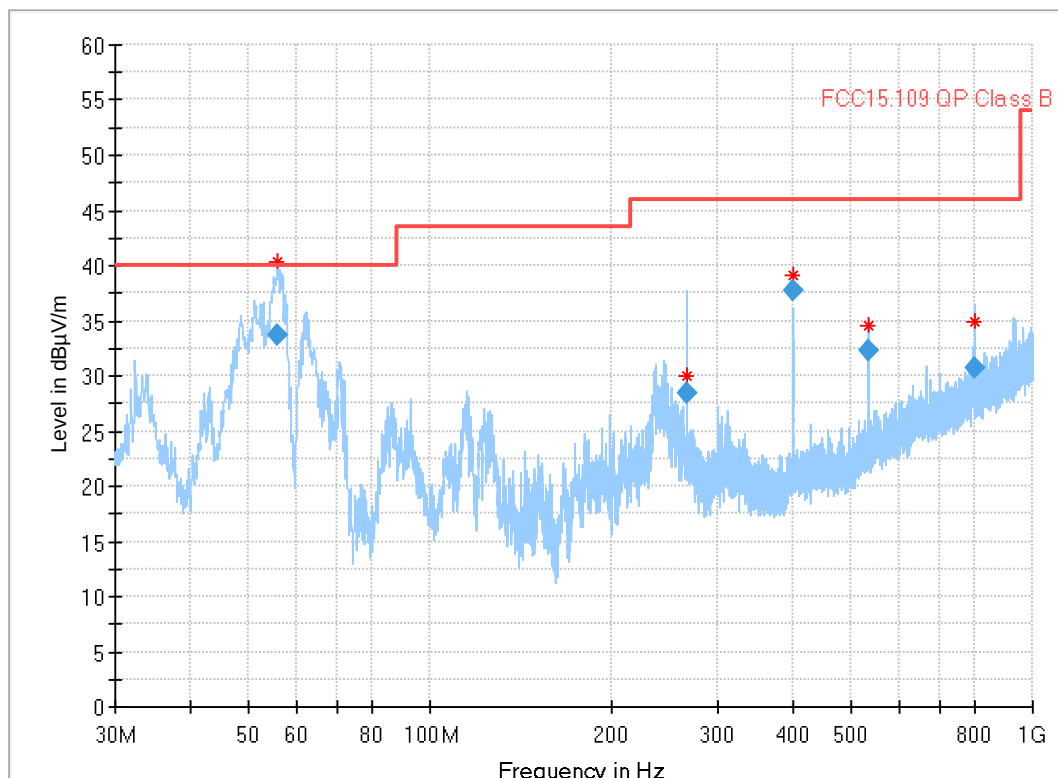
Common Information

Test Description:	Electric Fieldstrength Measurement
Test Spec.:	FCC 15.109 Unintentional Radiator / ICES-003, Issue 6
Antenna:	receiving antenna is directed to all sides, h = 1.55 m height
Operating Mode:	CAN + USB
Comment:	Standing
Environmental Conditions:	Humidity : 45% rH; Temperature: 20 °C
Operator:	TFa
Verdict:	Passed

EUT Information

PMT number:	19-1-00978S01
Manufacturer:	Robert Bosch Car Multimedia GmbH
Product:	BUI350
Model:	--
HW version:	0.8.2.0
SW version:	0.197.5.0
Serial number:	--
Power Supply:	12 V DC

Full Spectrum



3.02

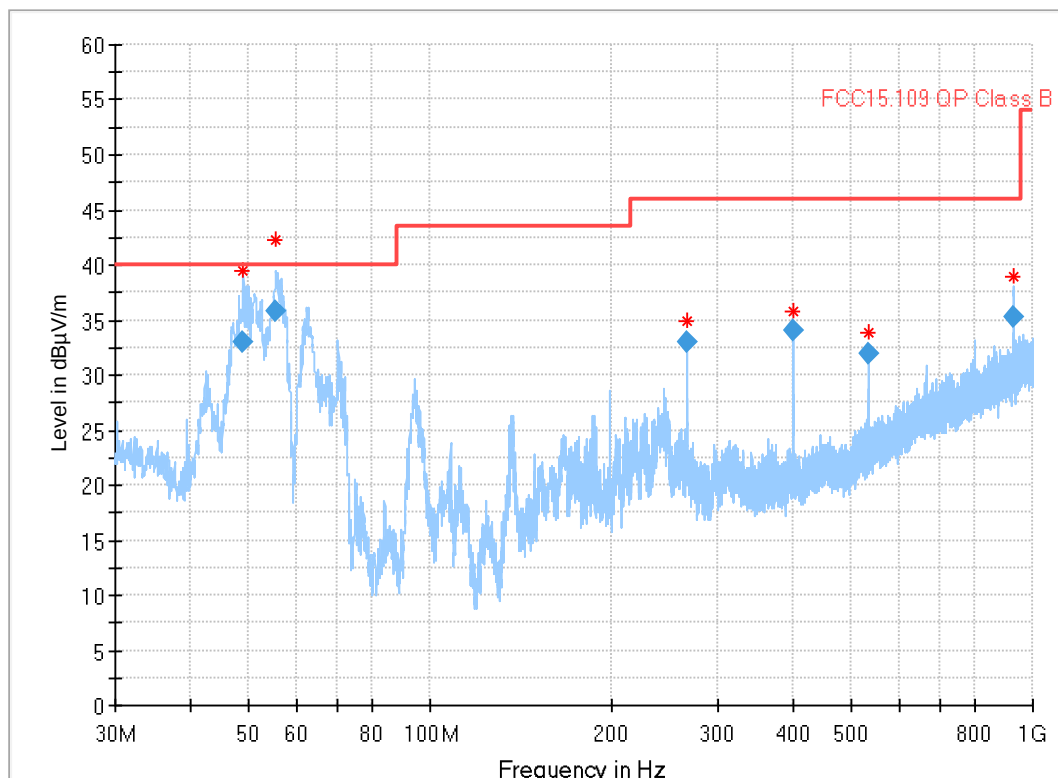
Common Information

Test Description:	Electric Fieldstrength Measurement
Test Spec.:	FCC 15.109 Unintentional Radiator / ICES-003, Issue 6
Antenna:	receiving antenna is directed to all sides, h= 1.55 m height
Operating Mode:	CAN + USB
Comment:	Laying
Environmental Conditions:	Humidity : 45% rH; Temperature: 2 0°C
Operator:	TFa
Verdict:	Passed

EUT Information

PMT number:	19-1-00978S01
Manufacturer:	Robert Bosch Car Multimedia GmbH
Product:	BUI350
Model:	--
HW version:	0.8.2.0
SW version:	0.197.5.0
Serial number:	--
Power Supply:	12 V DC

Full Spectrum



4.01

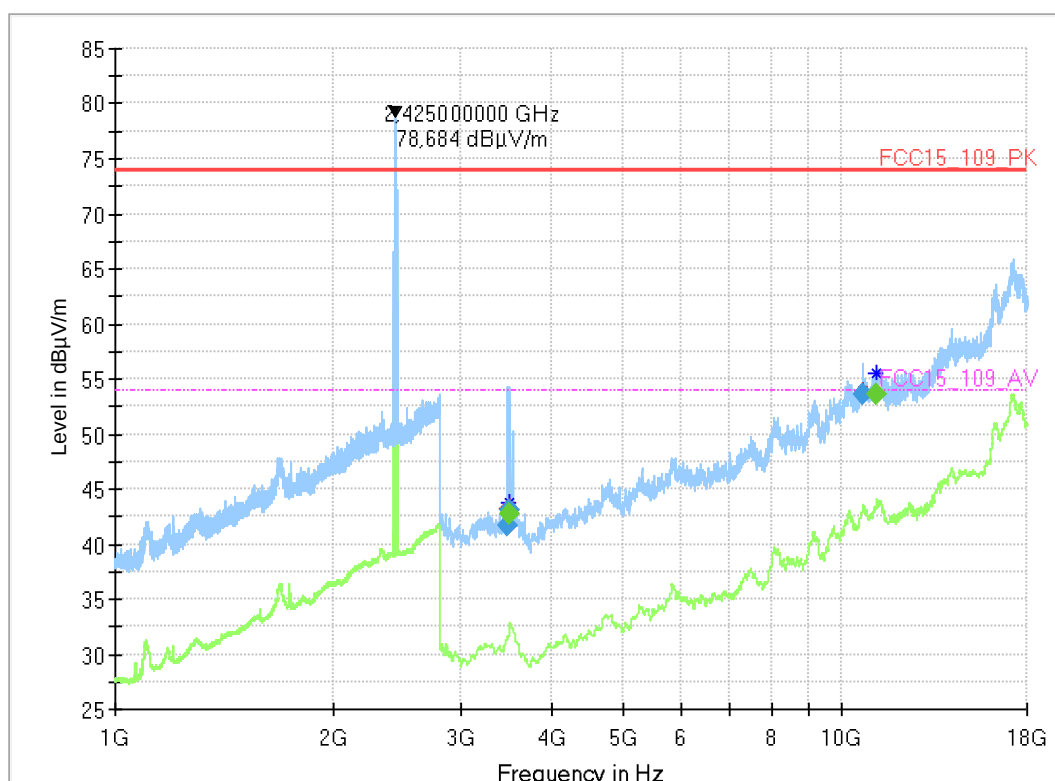
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0
Test Standard:	FCC 15.109 Unintentional Radiator / ICES-003, Issue 6
Antenna polarisation:	horizontal/vertical
Operating Mode:	CAN+ USB
Comment	--
Operator:	RI
	Downlink channel middle:
	Internal/External Antenna of EUT used
Environmental Conditions:	Humidity : 45% rH; Temperature: 20 °C
EUT Setup:	1
Verdict:	Passed

EUT Information

PMT number:	19-1-00978S01
Manufacturer:	Robert Bosch Car Multimedia GmbH
Product:	BUI350
Model:	--
HW version:	0.8.2.0
SW version:	0.197.5.0
Serial number:	--
Power Supply:	12 V DC

Full Spectrum



Remark: Emission at 2.425000000 GHz is frequency of WLAN and not relevant to results.

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	RMS (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)
3460.746333	41.71	---	74.00	32.29	100.0	1000.000	155.0	H	-5.0	90.0
3492.085000	---	42.64	54.00	11.36	100.0	1000.000	155.0	H	6.0	90.0
3497.007334	43.01	---	74.00	30.99	100.0	1000.000	155.0	H	-18.0	90.0
10701.288000	53.55	---	74.00	20.45	100.0	1000.000	155.0	H	141.0	90.0
11198.164667	---	53.63	54.00	0.37	100.0	1000.000	155.0	H	-22.0	90.0

(continuation of the "Final_Result" table from column 16 ...)

Frequency (MHz)	Corr. (dB/m)	Comment
3460.746333	2	09:20:14 - 14.04.2020
3492.085000	4	09:25:47 - 14.04.2020
3497.007334	4	09:21:57 - 14.04.2020
10701.288000	19	09:23:53 - 14.04.2020
11198.164667	20	09:27:31 - 14.04.2020

End Of Annex 1