

Annex 1: Measurement diagrams 21-1-0095401T02a-A1

Number of pages:	8	Date of Report:	2021-Sep-02
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
Product: Model:	Electronical Control Unit with Bluetooth Low Energy and WLAN NRCS2P		
FCC ID:	NF3-NRCS2P	IC:	3887A-NRCS2P
Testing has been carried out in accordance with:	Title 47 CFR, Chapter I FCC Regulations, Subchapter A Subpart C: §15.247 (DTS) , RSS-247, Issue 2 (DTS) RSS-Gen., Issue 5 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

4.01a_BLE_high_2.8-15GHz

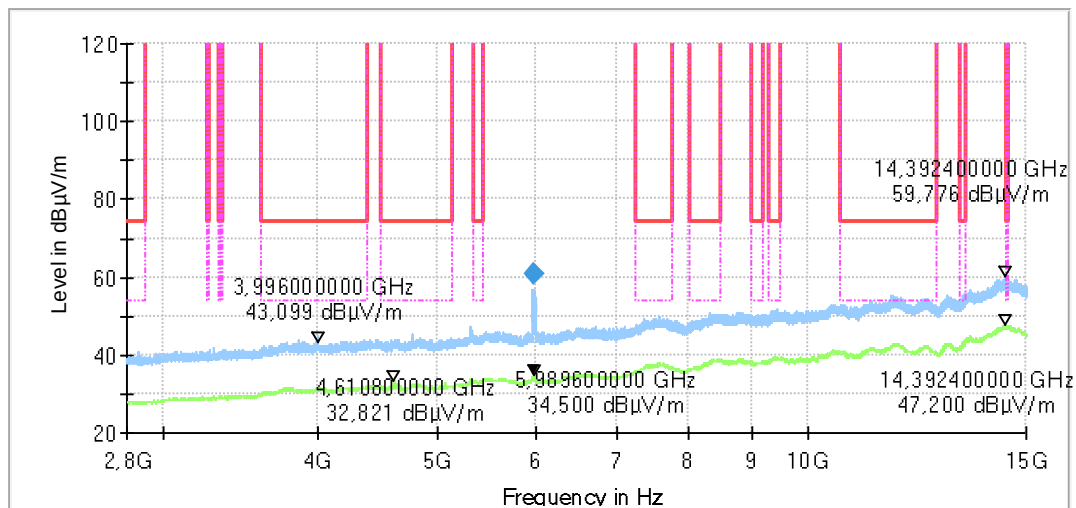
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5
Antenna polarisation:	horizontal/vertical
Operating Mode:	GFSK 1Mbps
Set-up no.	1
Operator:	npe
Comment:	-
Comment2:	-
Environmental Conditions:	Humidity : 67%rH; Temperature: 21°C
Verdict:	Passed

EUT Information

PMT number:	21-1-00954S02_C01
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Full Spectrum



Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin	Meas. Time (ms)	Bandwidth h	Height	Pol	Azimuth h	Elevation n
5976.800000	60.77	---	150.00	89.23	100.0	1000.000	155.0	V	326.0	0.0

4.01b_BLE_high_verPol_15-18GHz

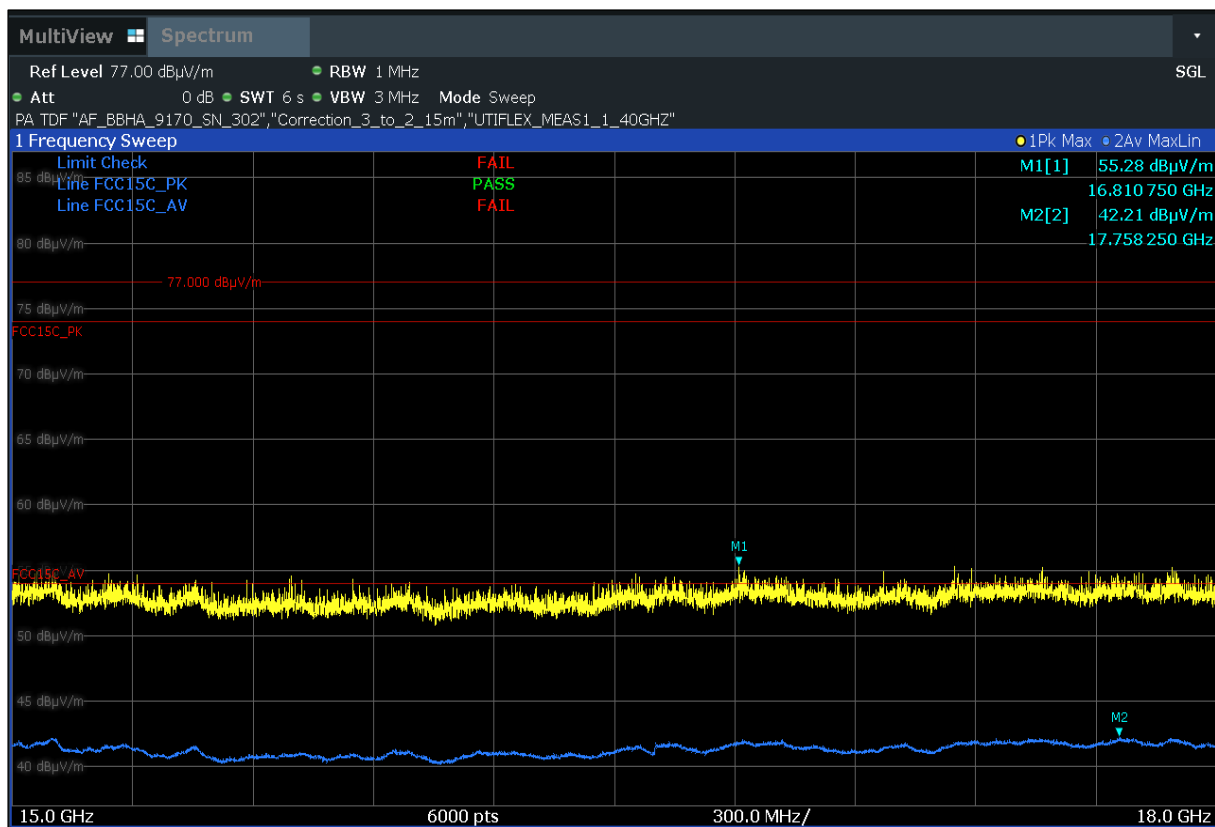
Common Information

Test Description: Radiated field strength emission in 3m distance
Test Site: Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard: FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5
Antenna polarisation: horizontal/vertical

Operating Mode: GFSK 1Mbps
Set-up no. 1
Operator: npe
Comment: Vertical Polarization
Comment2: -
Environmental Conditions: Humidity : 67%rH; Temperature: 21°C
Verdict: Passed

EUT Information

PMT number: 21-1-00954S02_C01



4.01c_BLE_high_horPol_15-18GHz

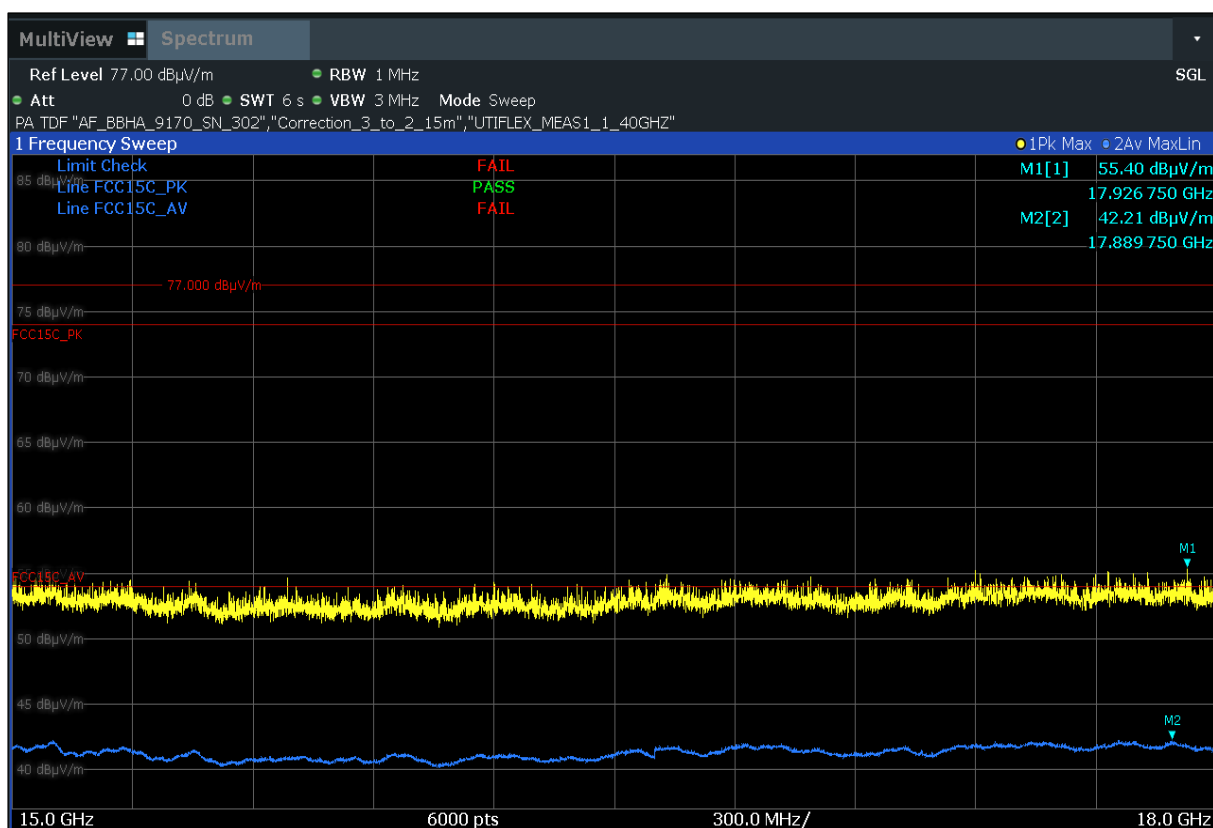
Common Information

Test Description: Radiated field strength emission in 3m distance
Test Site: Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard: FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5
Antenna polarisation: horizontal/vertical

Operating Mode: GFSK 1Mbps
Set-up no. 1
Operator: npe
Comment: Horizontal Polarization
Comment2: -
Environmental Conditions: Humidity : 67%rH; Temperature: 21°C
Verdict: Passed

EUT Information

PMT number: 21-1-00954S02_C01



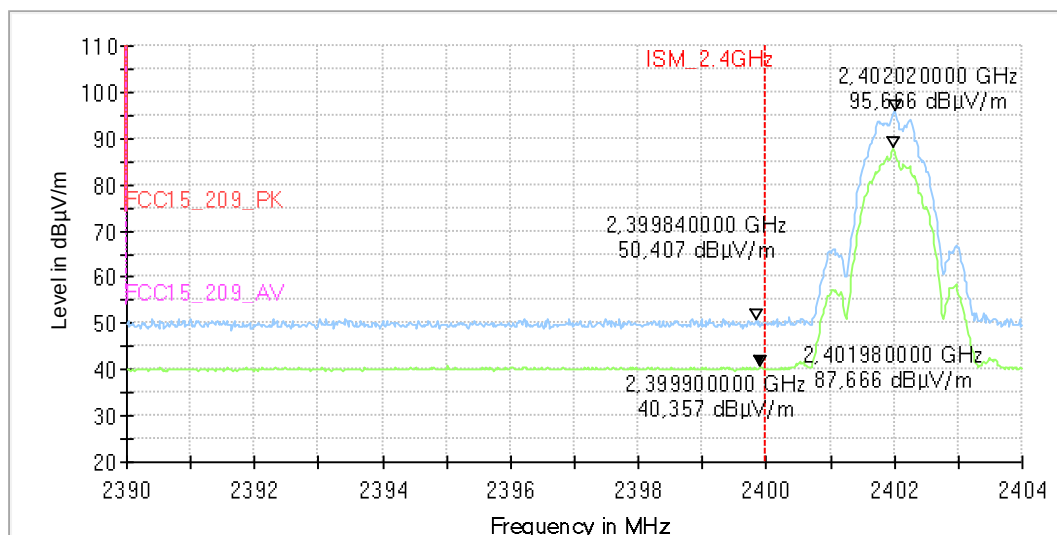
9.01_BE_low

Common Information

Test Description:	Band-Edge: Radiated Field Strength Emissions Emissions in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 4
Antenna polarisation:	horizontal/vertical
Operating Mode:	1
Operator:	npe
Comment:	-
Comment2:	-
EUT Setup:	1
Verdict:	Passed

EUT Information

PMT number:	21-1-00954S02_C01
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9.02_BE_high

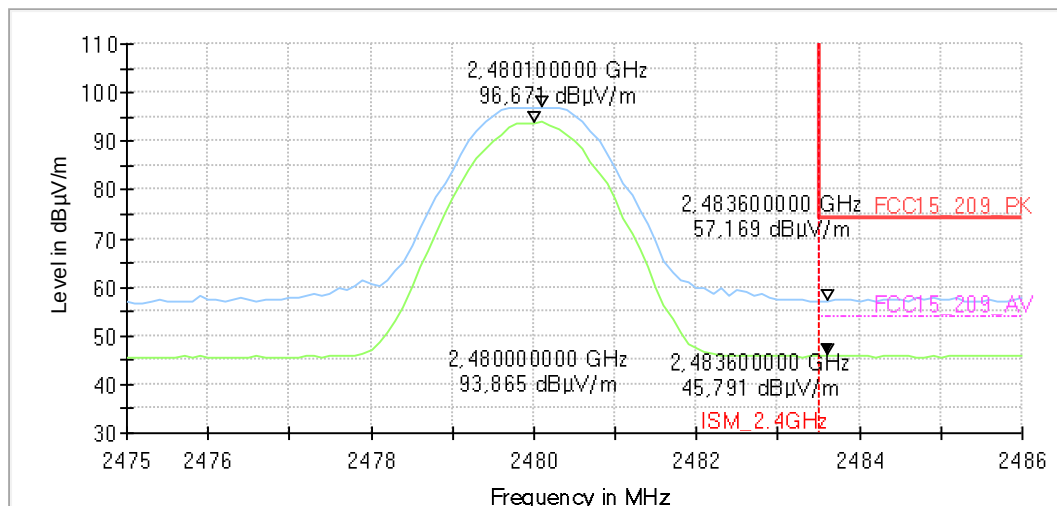
Common Information

Test Description:	Band-Edge: Radiated Field Strength Emissions Emissions in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 4
Antenna polarisation:	horizontal/vertical
Operating Mode:	1
Operator:	npe
Comment:	-
Comment2:	-
EUT Setup:	1
Verdict:	Passed

EUT Information

PMT number:	21-1-00954S02_C01
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Full Spectrum



End Of Annex 1