

2. Radiated Measurements

2.1. Radiated magnetic field measurements below 30 MHz

2.01a_a-mode_18MBps_ch036

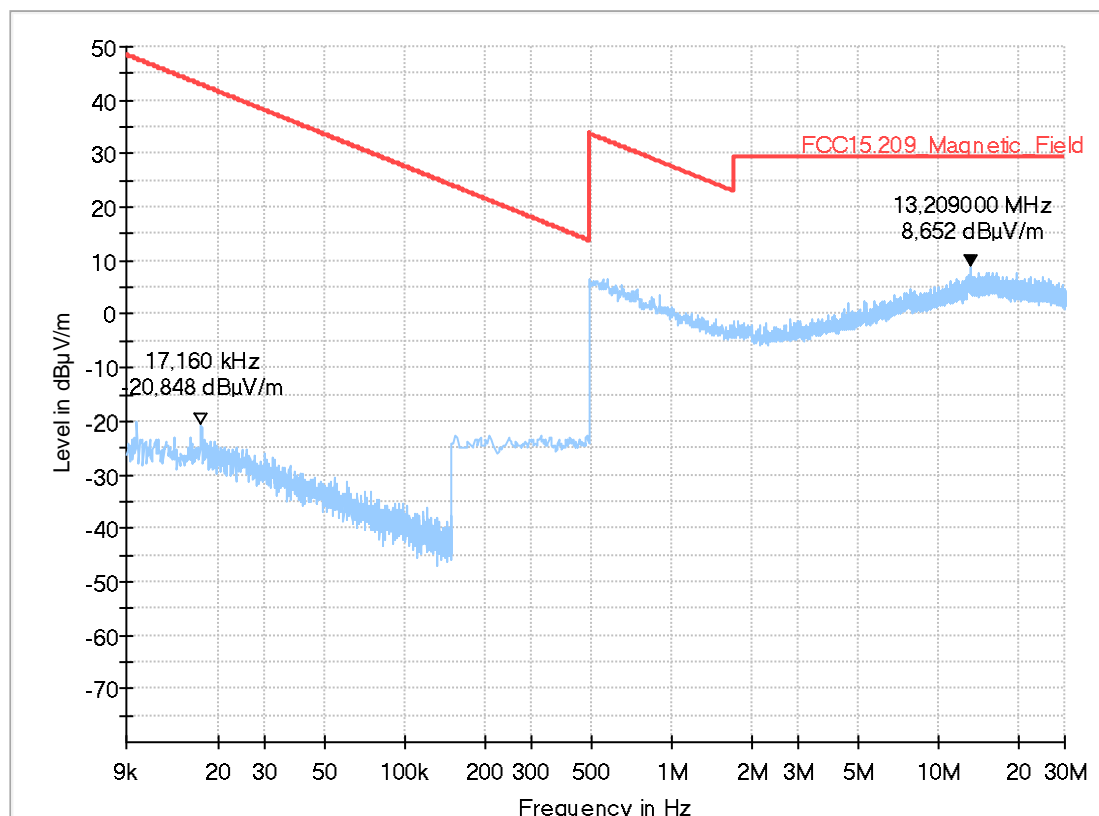
Common Information

Test description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC.V9.25.00
Distance correction:	used accord. table, pls. see test report
Technical Data:	Please see page 2 for detailed data of measurement setup
Rec. antenna (pre-scan):	height 1.00 m, parallel and 90° to EUT polarisation
Used filter:	bypass
Test specification:	FCC 15.205 § 15.209; RSS-Gen: Issue 4
Operator:	RLs
Operating conditions:	Humidity: 48%rH; Temperature: 20°C
Operatingmode:	a-mode_18MBps_ch036_Laying

EUT Information

Model:	Manufacturer:Robert Bosch Car Multimedia GmbH
Type:	AIVIV20
	Navigations- und Multimediagerät
EUT:	FCC
HW version:	tbd
SW version:283C37820R	283C37820R
SVN:	-
Config:	-
Serial number:	tbd
Connected Interfaces:	-
Power Supply:	-
Comments:	-

Full Spectrum



2.01b_a-mode_18Mbps_ch036

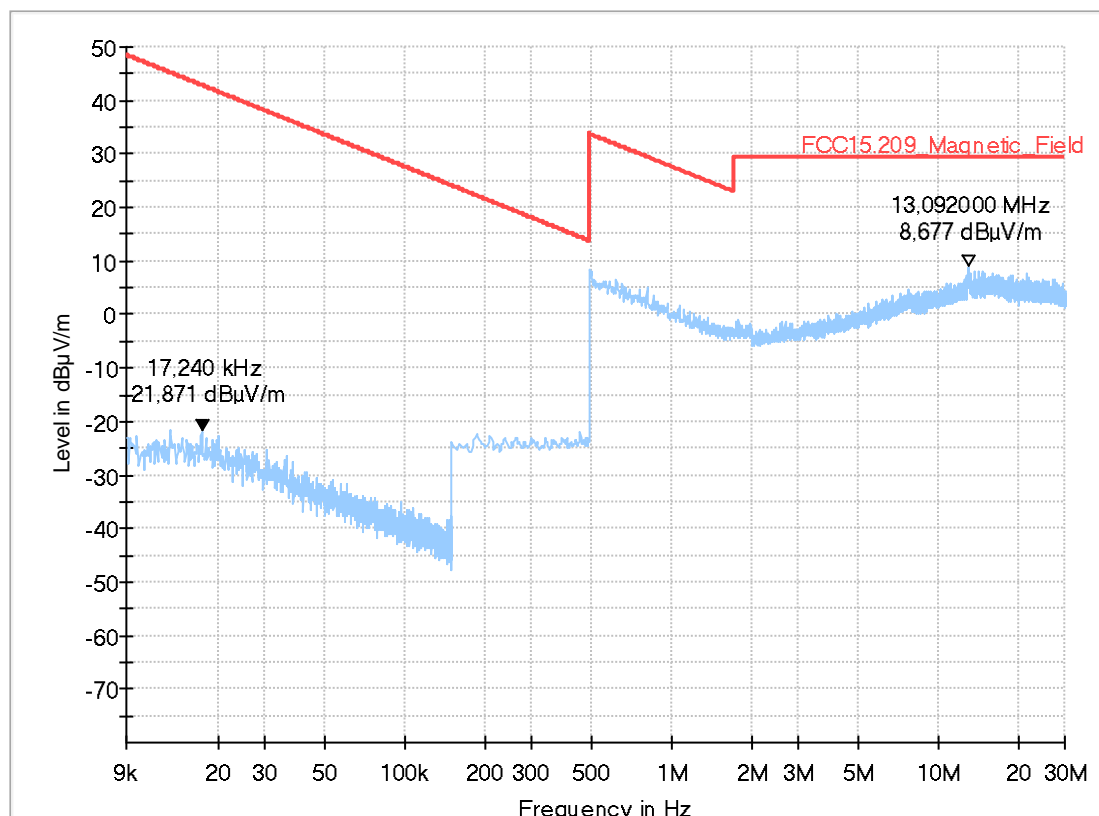
Common Information

Test description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC.V9.25.00
Distance correction:	used accord. table, pls. see test report
Technical Data:	Please see page 2 for detailed data of measurement setup
Rec. antenna (pre-scan):	height 1.00 m, parallel and 90° to EUT polarisation
Used filter:	bypass
Test specification:	FCC 15.205 § 15.209; RSS-Gen: Issue 4
Operator:	RLs
Operating conditions:	Humidity: 48%rH; Temperature: 20°C
Operatingmode:	a-mode_18Mbps_ch036_Standing

EUT Information

Model:	Manufacturer:Robert Bosch Car Multimedia GmbH
Type:	AIVIV20
	Navigations- und Multimediagerät
EUT:	FCC
HW version:	tbd
SW version:283C37820R	283C37820R
SVN:	-
Config:	-
Serial number:	tbd
Connected Interfaces:	-
Power Supply:	-
Comments:	-

Full Spectrum



2.02a_a-mode_18Mbps_ch064

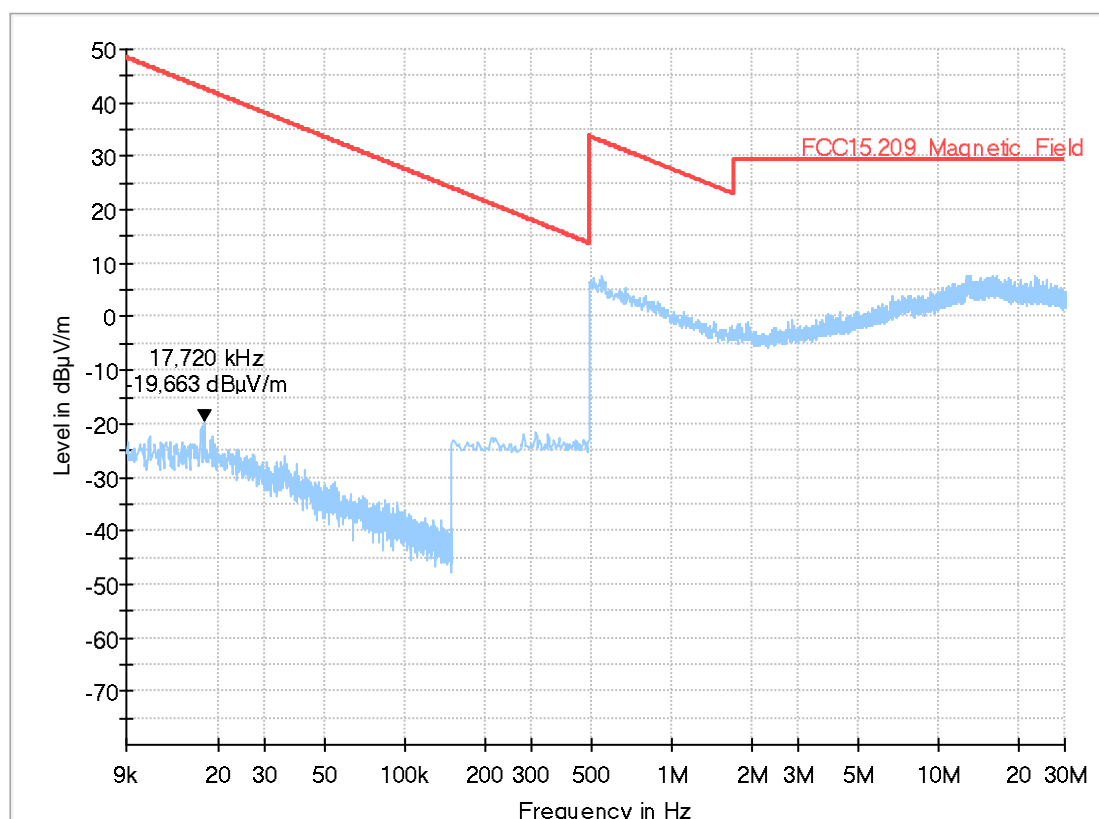
Common Information

Test description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC.V9.25.00
Distance correction:	used accord. table, pls. see test report
Technical Data:	Please see page 2 for detailed data of measurement setup
Rec. antenna (pre-scan):	height 1.00 m, parallel and 90° to EUT polarisation
Used filter:	bypass
Test specification:	FCC 15.205 § 15.209; RSS-Gen: Issue 4
Operator:	RI
Operating conditions:	Humidity: 48%rH; Temperature: 20°C
Operatingmode:	a-mode_18Mbps_ch064_Laying

EUT Information

Model:	Manufacturer:Robert Bosch Car Multimedia GmbH
Type:	AIVIV20
	Navigations- und Multimediagerät
EUT:	FCC
HW version:	tbd
SW version:283C37820R	283C37820R
SVN:	-
Config:	-
Serial number:	tbd
Connected Interfaces:	-
Power Supply:	-
Comments:	-

Full Spectrum



2.02b_a-mode_18Mbps_ch064

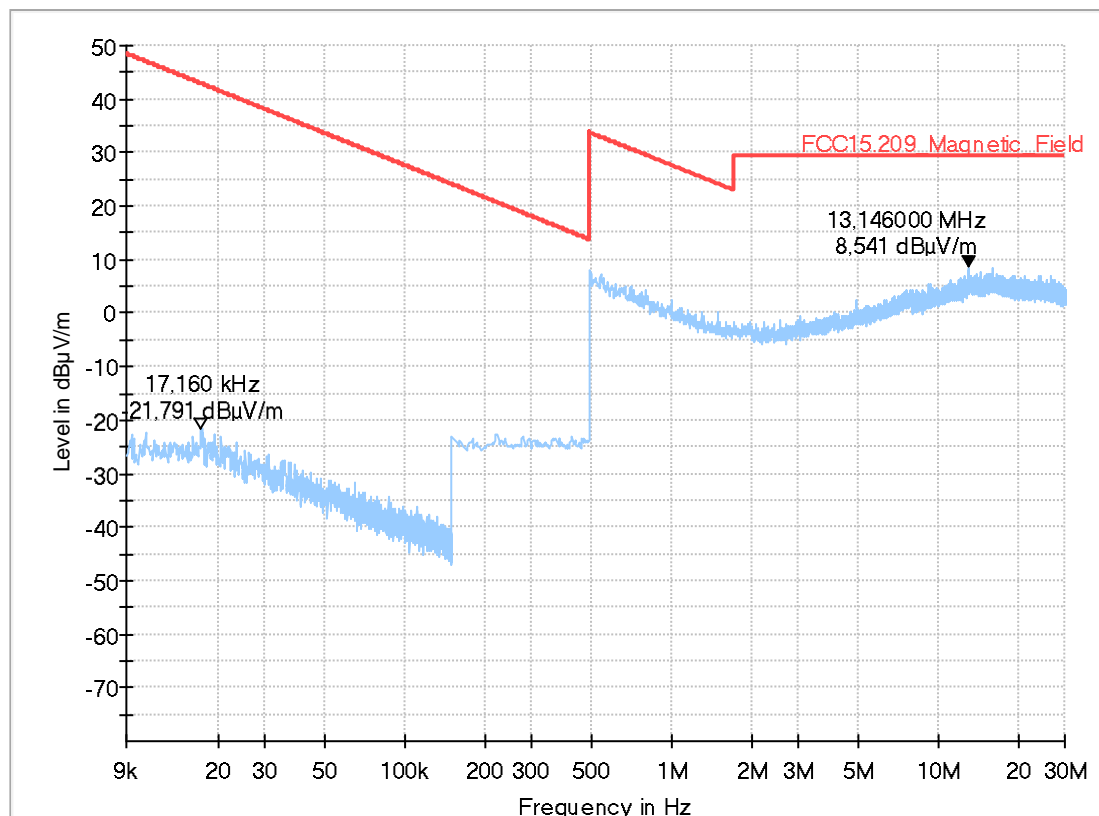
Common Information

Test description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC.V9.25.00
Distance correction:	used accord. table, pls. see test report
Technical Data:	Please see page 2 for detailed data of measurement setup
Rec. antenna (pre-scan):	height 1.00 m, parallel and 90° to EUT polarisation
Used filter:	bypass
Test specification:	FCC 15.205 § 15.209; RSS-Gen: Issue 4
Operator:	RI
Operating conditions:	Humidity: 48%rH; Temperature: 20°C
Operatingmode:	a-mode_18Mbps_ch064_Standing

EUT Information

Model:	Manufacturer:Robert Bosch Car Multimedia GmbH
Type:	AIVIV20
	Navigations- und Multimediagerät
EUT:	FCC
HW version:	tbd
SW version:283C37820R	283C37820R
SVN:	-
Config:	-
Serial number:	tbd
Connected Interfaces:	-
Power Supply:	-
Comments:	-

Full Spectrum



2.03a_a-mode_18MBps_ch100

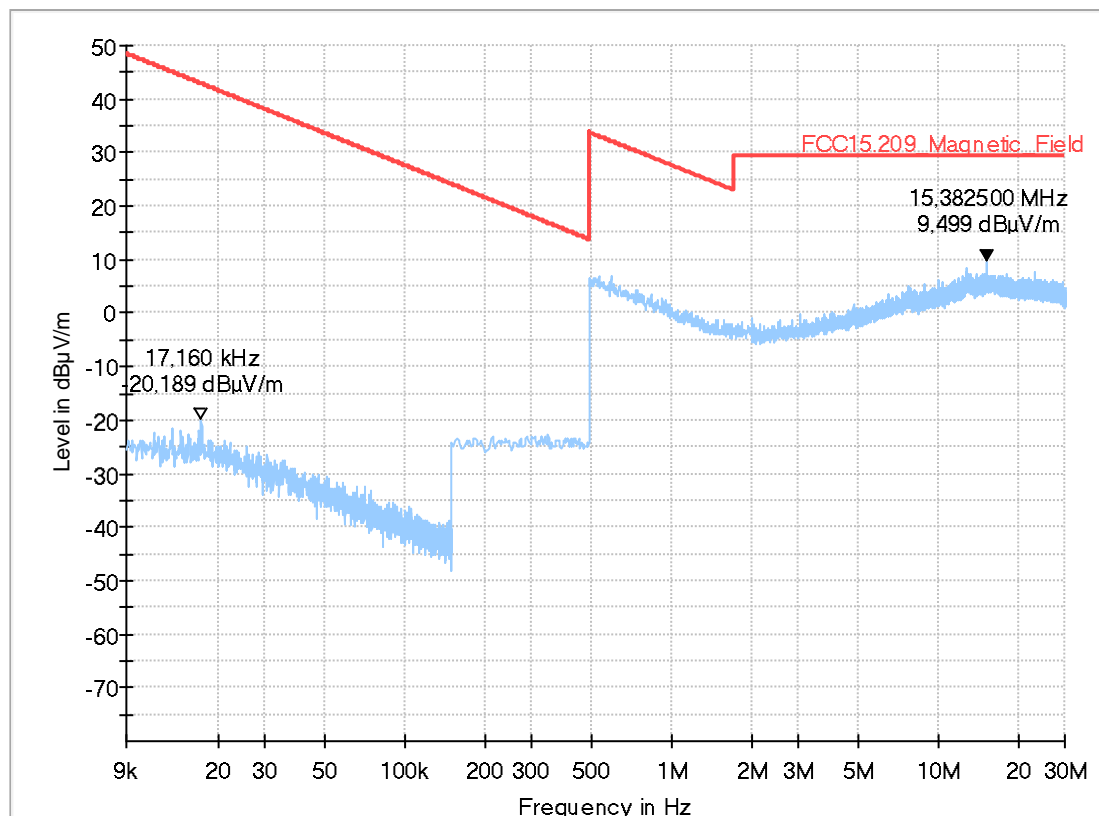
Common Information

Test description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC.V9.25.00
Distance correction:	used accord. table, pls. see test report
Technical Data:	Please see page 2 for detailed data of measurement setup
Rec. antenna (pre-scan):	height 1.00 m, parallel and 90° to EUT polarisation
Used filter:	bypass
Test specification:	FCC 15.205 § 15.209; RSS-Gen: Issue 4
Operator:	MBe
Operating conditions:	Humidity: 48%rH; Temperature: 20°C
Operatingmode:	a-mode_18MBps_ch100_Laying

EUT Information

Model:	Manufacturer:Robert Bosch Car Multimedia GmbH
Type:	AIVIV20
	Navigations- und Multimediagerät
EUT:	FCC
HW version:	tbd
SW version:283C37820R	283C37820R
SVN:	-
Config:	-
Serial number:	tbd
Connected Interfaces:	-
Power Supply:	-
Comments:	-

Full Spectrum



2.03b_a-mode_18MBps_ch100

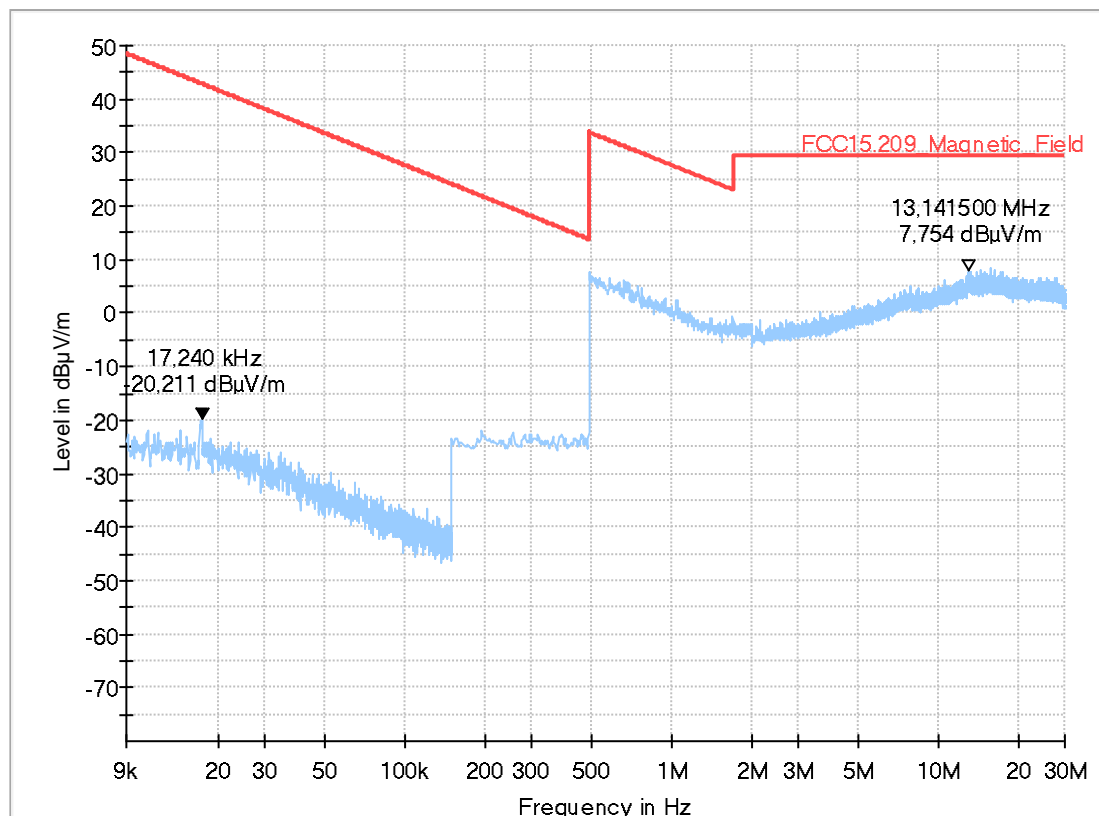
Common Information

Test description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC.V9.25.00
Distance correction:	used accord. table, pls. see test report
Technical Data:	Please see page 2 for detailed data of measurement setup
Rec. antenna (pre-scan):	height 1.00 m, parallel and 90° to EUT polarisation
Used filter:	bypass
Test specification:	FCC 15.205 § 15.209; RSS-Gen: Issue 4
Operator:	MBe
Operating conditions:	Humidity: 48%rH; Temperature: 20°C
Operatingmode:	a-mode_18MBps_ch100_Standing

EUT Information

Model:	Manufacturer:Robert Bosch Car Multimedia GmbH
Type:	AIVIV20
	Navigations- und Multimediagerät
EUT:	FCC
HW version:	tbd
SW version:283C37820R	283C37820R
SVN:	-
Config:	-
Serial number:	tbd
Connected Interfaces:	-
Power Supply:	-
Comments:	-

Full Spectrum



2.04a_a-mode_18MBps_ch149

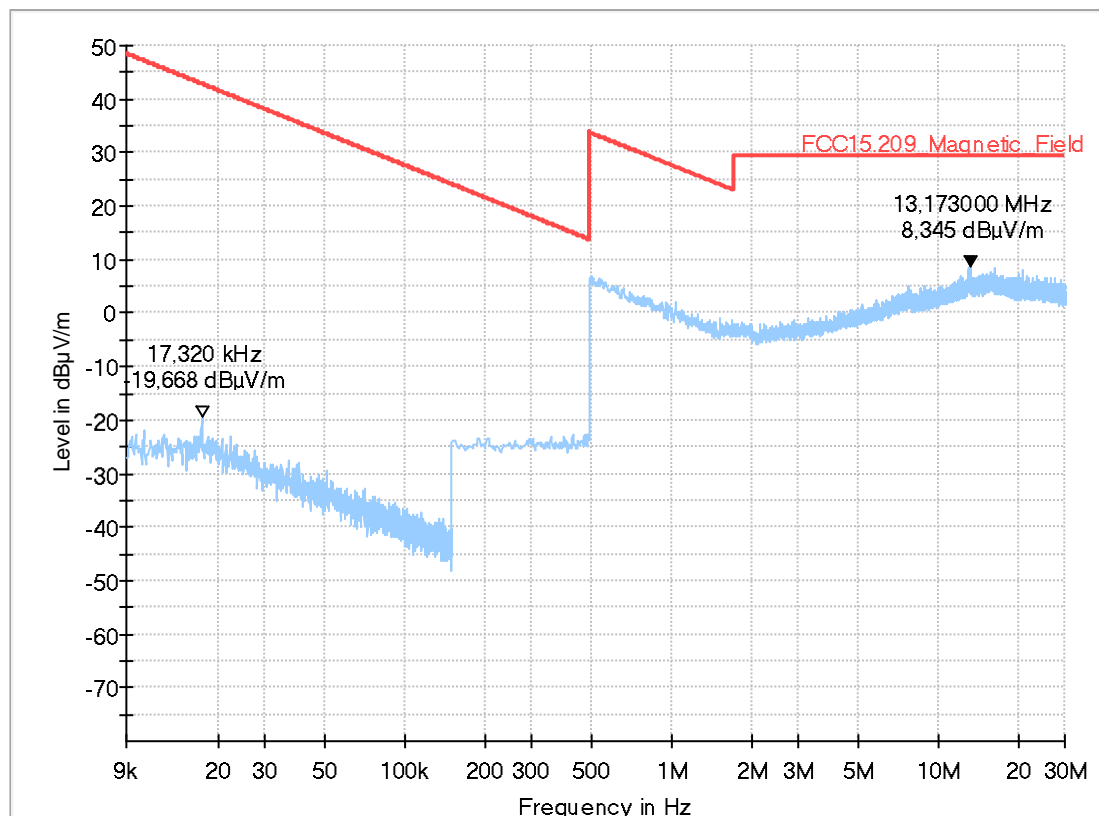
Common Information

Test description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC.V9.25.00
Distance correction:	used accord. table, pls. see test report
Technical Data:	Please see page 2 for detailed data of measurement setup
Rec. antenna (pre-scan):	height 1.00 m, parallel and 90° to EUT polarisation
Used filter:	bypass
Test specification:	FCC 15.205 § 15.209; RSS-Gen: Issue 4
Operator:	MBe
Operating conditions:	Humidity: 48%rH; Temperature: 20°C
Operatingmode:	a-mode_18MBps_ch149_Laying

EUT Information

Model:	Manufacturer:Robert Bosch Car Multimedia GmbH
Type:	AIVIV20
	Navigations- und Multimediagerät
EUT:	FCC
HW version:	tbd
SW version:283C37820R	283C37820R
SVN:	-
Config:	-
Serial number:	tbd
Connected Interfaces:	-
Power Supply:	-
Comments:	-

Full Spectrum



2.04b_a-mode_18MBps_ch149

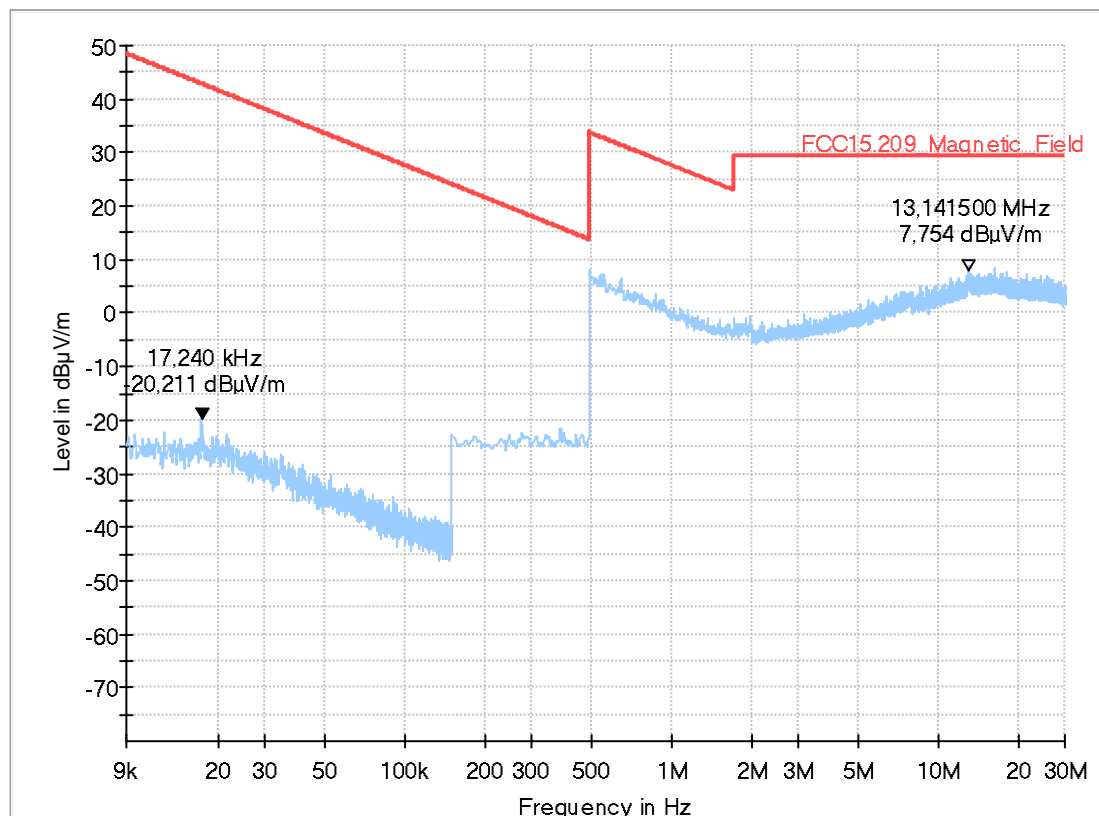
Common Information

Test description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC.V9.25.00
Distance correction:	used accord. table, pls. see test report
Technical Data:	Please see page 2 for detailed data of measurement setup
Rec. antenna (pre-scan):	height 1.00 m, parallel and 90° to EUT polarisation
Used filter:	bypass
Test specification:	FCC 15.205 § 15.209; RSS-Gen: Issue 4
Operator:	MBe
Operating conditions:	Humidity: 48%rH; Temperature: 20°C
Operatingmode:	a-mode_18MBps_ch149_Standing

EUT Information

Model:	Manufacturer:Robert Bosch Car Multimedia GmbH
Type:	AIVIV20
	Navigations- und Multimediagerät
EUT:	FCC
HW version:	tbd
SW version:283C37820R	283C37820R
SVN:	-
Config:	-
Serial number:	tbd
Connected Interfaces:	-
Power Supply:	-
Comments:	-

Full Spectrum



2.2. Radiated electric field measurement 30 MHz to 1 GHz

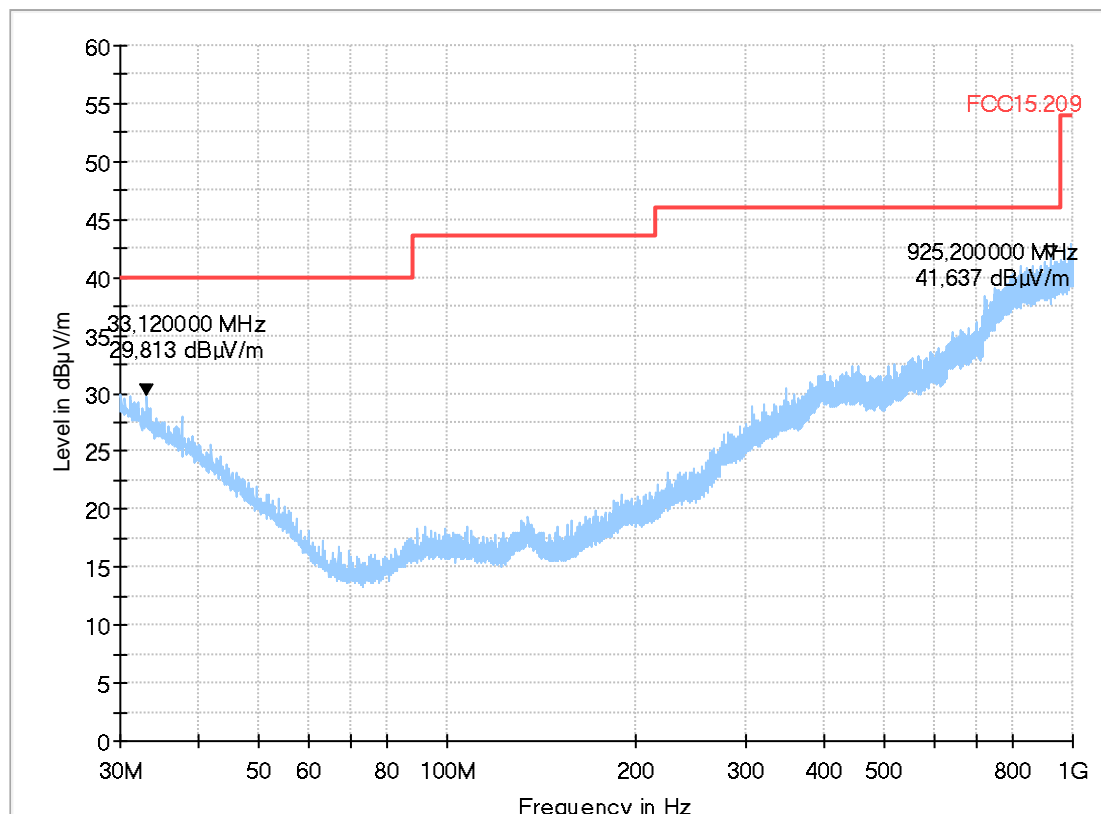
3.01a_a-mode_18MBps_ch036

Test description:	06.11.2018 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
Distance correction:	EMC32 V9.25.0
Used filter:	not used
Technical Data:	not used
Test specification.:	please see page 2 for detailed data of measurement setup
Operatingmode:	FCC 15.209; RSS-Gen: Issue 3
Operator:	a-mode_18MBps_ch36_laying
Operating conditions:	MBe
Comment 1:	Humidity: 48%rH; Temperature: 20°C
	laying_TX

EUT Information

Manufacturer:	Robert Bosch Car Multimedia
Product:	AIVIV20
EUT Model:	18-1-00486S06
HW:	tbd
SW:	283C24194R
Serial Nr.:	
Connected Devices:	13.5VDC

Full Spectrum



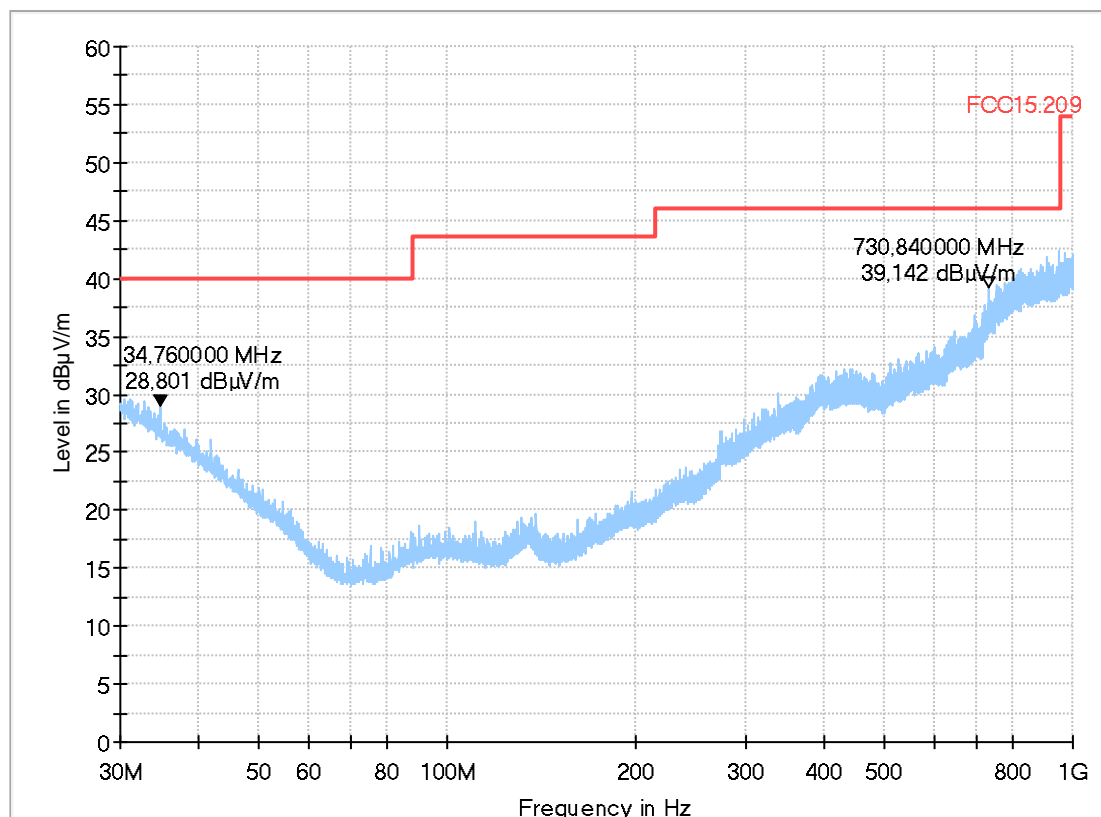
3.01b_a-mode_18Mbps_ch036

Test description:	06.11.2018 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
Distance correction:	EMC32 V9.25.0
Used filter:	not used
Technical Data:	not used
Test specification.:	please see page 2 for detailed data of measurement setup
Operatingmode:	FCC 15.209; RSS-Gen: Issue 3
Operator:	a-mode_18Mbps_ch36_standing
Operating conditions:	MBe
	Humidity: 48%rH; Temperature: 20°C

EUT Information

Manufacturer:	Robert Bosch Car Multimedia
Product:	AIVIV20
EUT Model:	18-1-00486S06
HW:	tbd
SW:	283C24194R
Serial Nr.:	
Conected Devices:	13.5VDC

Full Spectrum



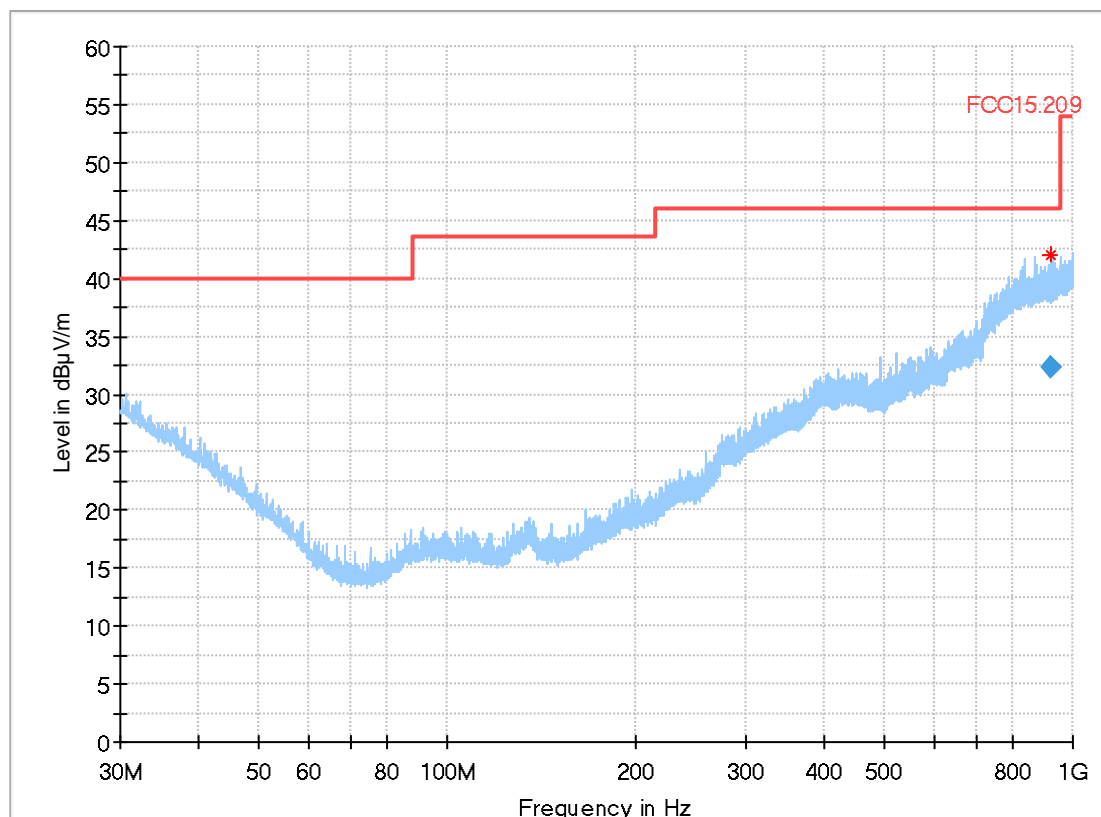
3.02a_a-mode_18Mbps_ch064

Test description:	06.11.2018 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
Distance correction:	EMC32 V9.25.0
Used filter:	not used
Technical Data:	not used
Test specification.:	please see page 2 for detailed data of measurement setup
Operatingmode:	FCC 15.209; RSS-Gen: Issue 3
Operator:	a-mode_18Mbps_ch64_laying
Operating conditions:	MBe
	Humidity: 48%rH; Temperature: 20°C

EUT Information

Manufacturer:	Robert Bosch Car Multimedia
Product:	AIVIV20
EUT Model:	18-1-00486S06
HW:	tbd
SW:	283C24194R
Serial Nr.:	
Conected Devices:	13.5VDC

Full Spectrum



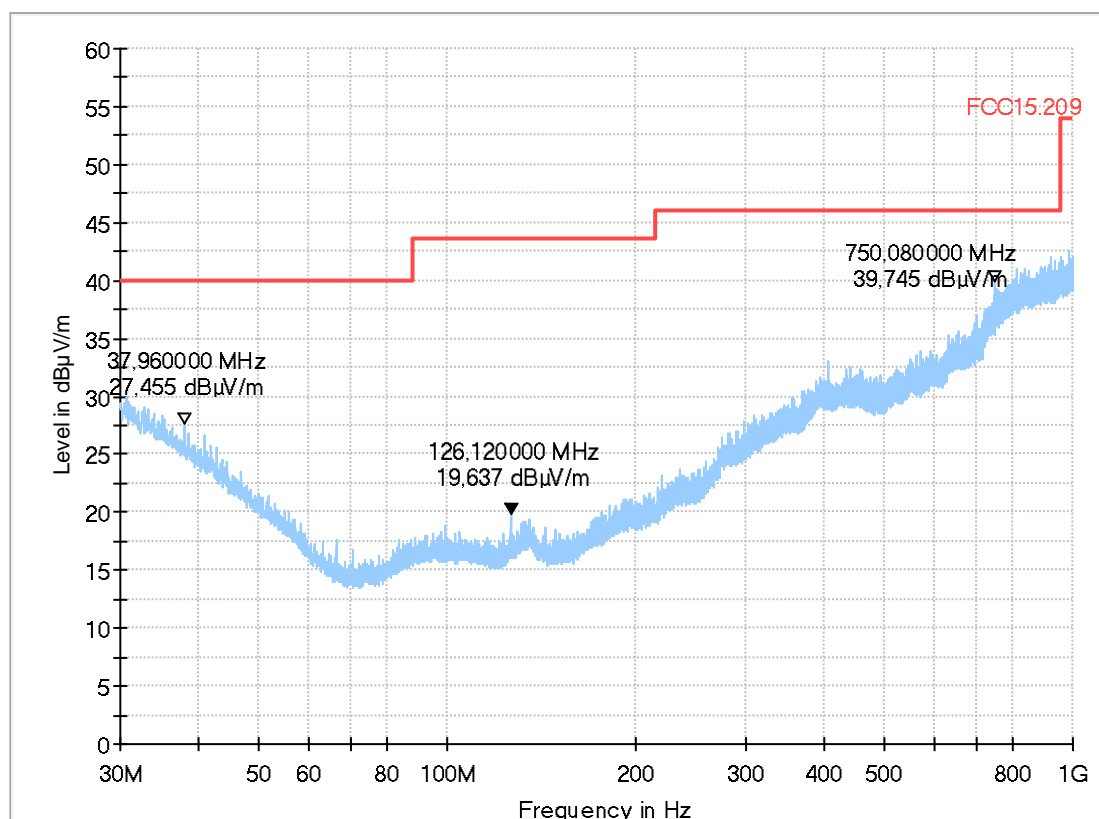
3.02b_a-mode_18Mbps_ch064

Test description:	06.11.2018 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
Distance correction:	EMC32 V9.25.0
Used filter:	not used
Technical Data:	not used
Test specification.:	please see page 2 for detailed data of measurement setup
Operatingmode:	FCC 15.209; RSS-Gen: Issue 3
Operator:	a-mode_18Mbps_ch64_laying
Operating conditions:	MBe
	Humidity: 48%rH; Temperature: 20°C

EUT Information

Manufacturer:	Robert Bosch Car Multimedia
Product:	AIVIV20
EUT Model:	18-1-00486S06
HW:	tbd
SW:	283C24194R
Serial Nr.:	
Conected Devices:	13.5VDC

Full Spectrum



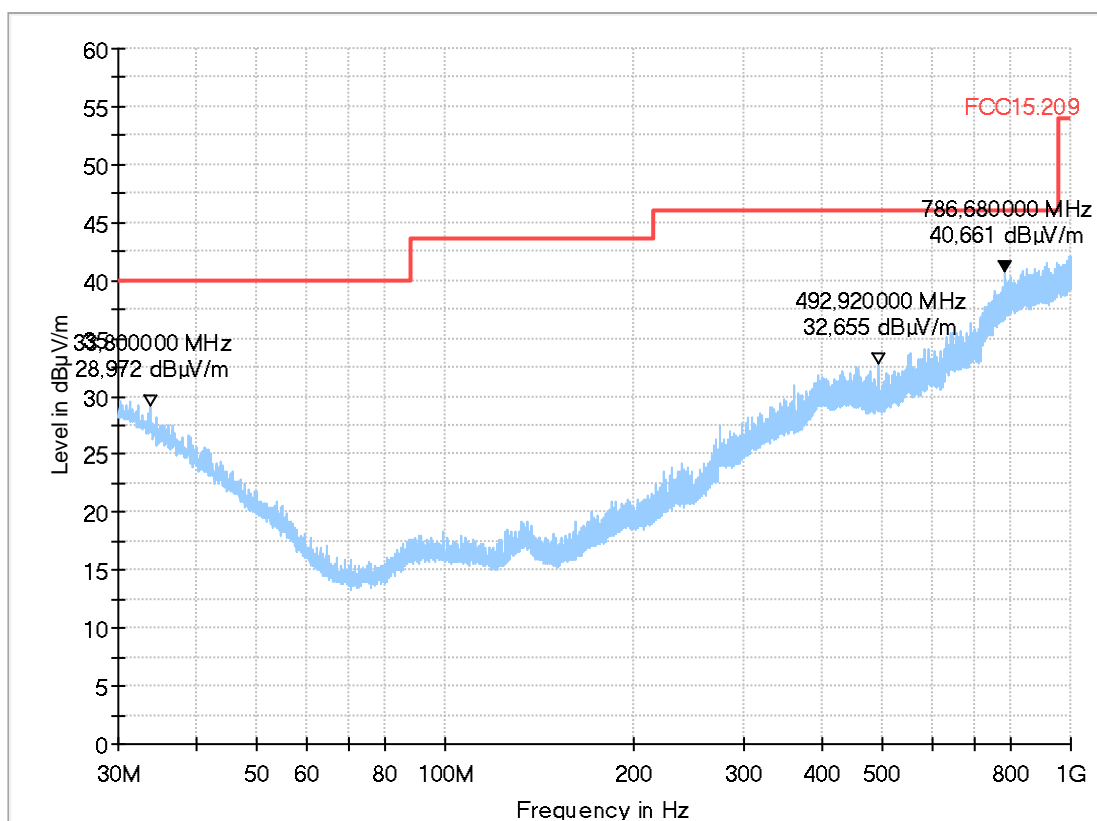
3.03a_a-mode_18Mbps_ch100

Test description:	06.11.2018 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
Distance correction:	EMC32 V9.25.0
Used filter:	not used
Technical Data:	not used
Test specification.:	please see page 2 for detailed data of measurement setup
Operatingmode:	FCC 15.209; RSS-Gen: Issue 3
Operator:	a-mode_18Mbps_ch100_laying
Operating conditions:	MBe
	Humidity: 48%rH; Temperature: 20°C

EUT Information

Manufacturer:	Robert Bosch Car Multimedia
Product:	AIVIV20
EUT Model:	18-1-00486S06
HW:	tbd
SW:	283C24194R
Serial Nr.:	
Conected Devices:	13.5VDC

Full Spectrum



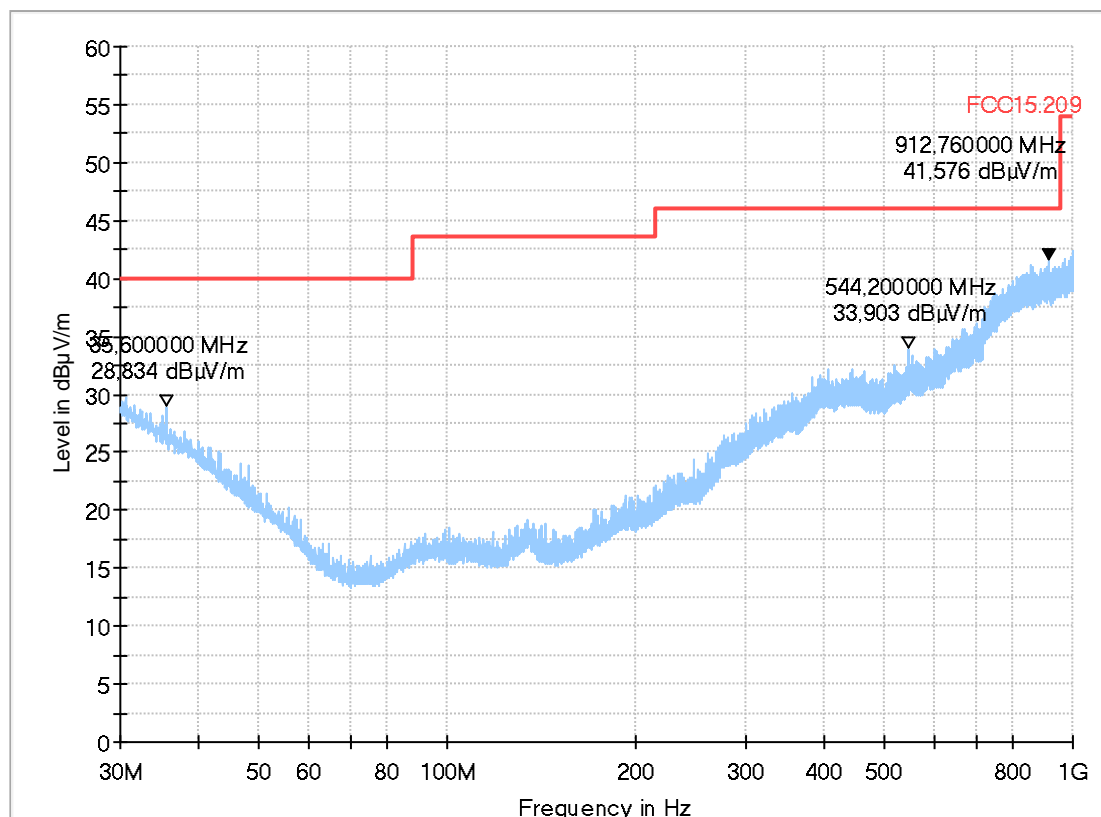
3.03b_a-mode_18Mbps_ch100

Test description:	07.11.2018 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
Distance correction:	EMC32 V9.25.0
Used filter:	not used
Technical Data:	not used
Test specification.:	please see page 2 for detailed data of measurement setup
Operatingmode:	FCC 15.209; RSS-Gen: Issue 3
Operator:	a-mode_18Mbps_ch100_standing
Operating conditions:	TFr
	Humidity: 48%rH; Temperature: 20°C

EUT Information

Manufacturer:	Robert Bosch Car Multimedia
Product:	AIVIV20
EUT Model:	18-1-00486S06
HW:	tbd
SW:	283C24194R
Serial Nr.:	
Conected Devices:	13.5VDC

Full Spectrum



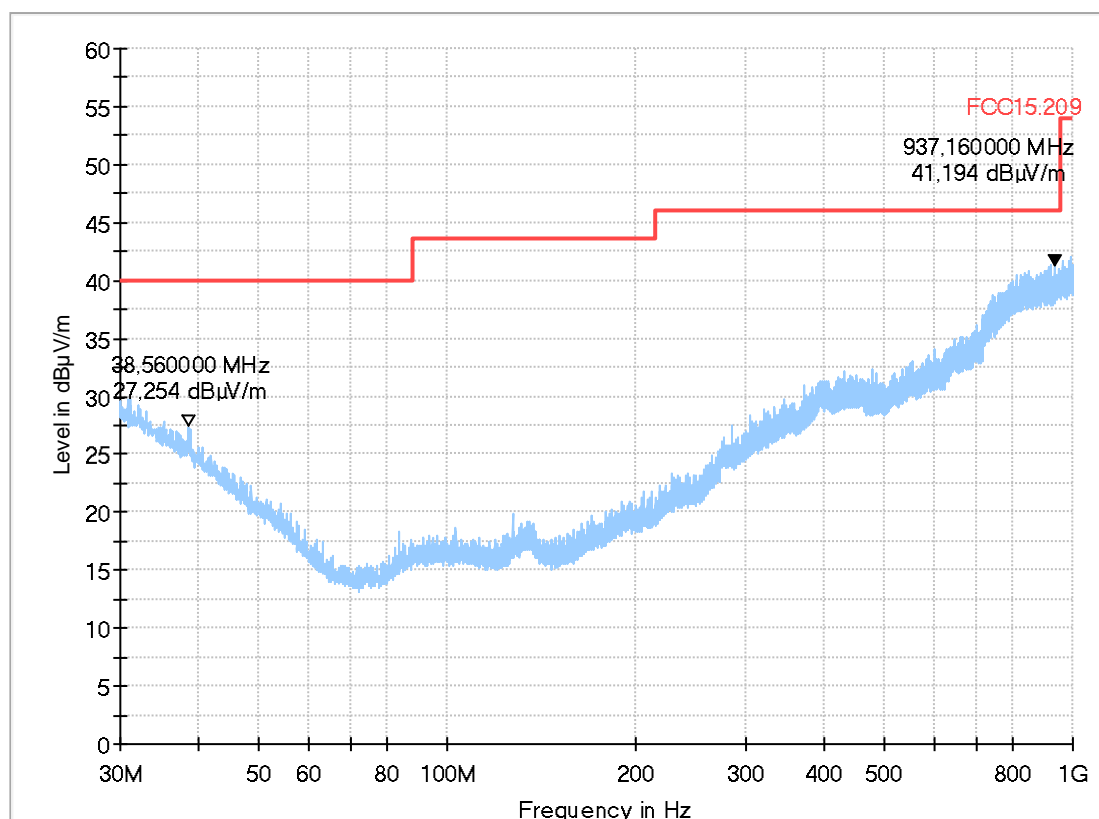
3.04a_a-mode_18MBps_ch149

Test description:	07.11.2018 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
Distance correction:	EMC32 V9.25.0
Used filter:	not used
Technical Data:	not used
Test specification.:	please see page 2 for detailed data of measurement setup
Operatingmode:	FCC 15.209; RSS-Gen: Issue 3
Operator:	a-mode_18MBps_ch100_standing
Operating conditions:	TFr
	Humidity: 48%rH; Temperature: 20°C

EUT Information

Manufacturer:	Robert Bosch Car Multimedia
Product:	AIVIV20
EUT Model:	18-1-00486S06
HW:	tbd
SW:	283C24194R
Serial Nr.:	
Conected Devices:	13.5VDC

Full Spectrum



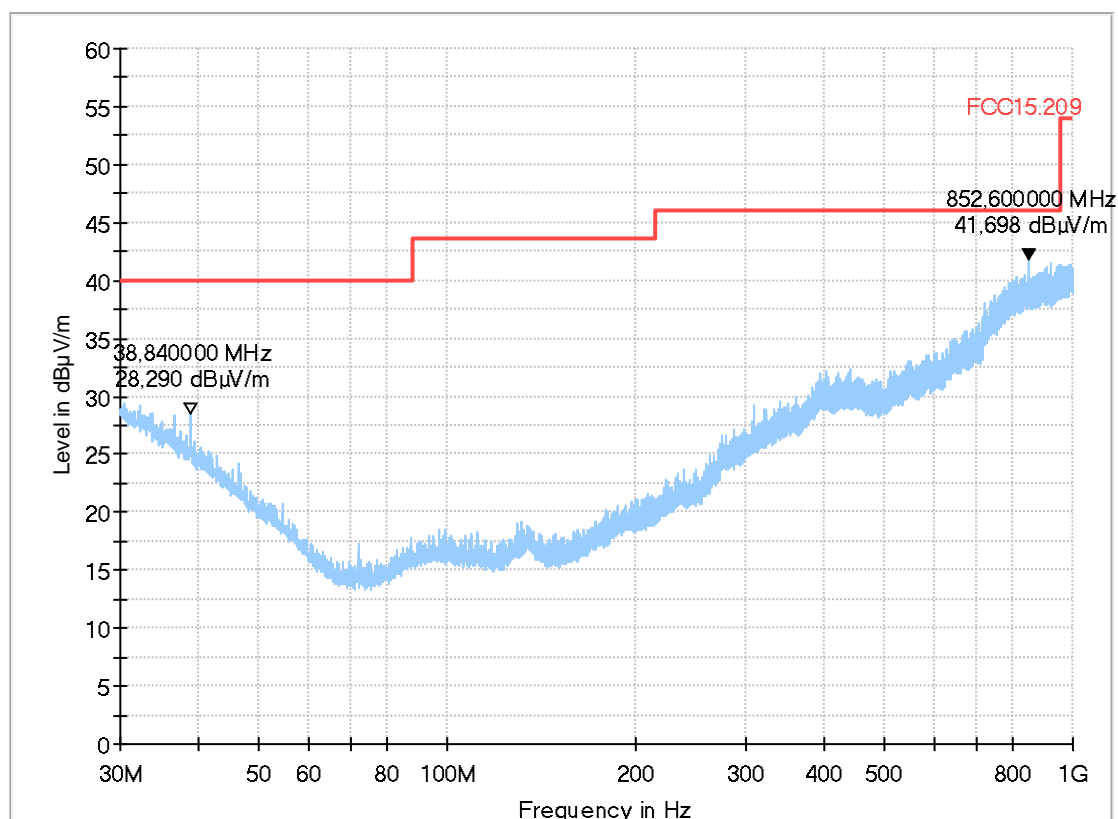
3.04b_a-mode_18Mbps_ch149

Test description:	07.11.2018 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
Distance correction:	EMC32 V9.25.0
Used filter:	not used
Technical Data:	not used
Test specification.:	please see page 2 for detailed data of measurement setup
Operatingmode:	FCC 15.209; RSS-Gen: Issue 3
Operator:	a-mode_18Mbps_ch100_standing
Operating conditions:	TFr
	Humidity: 48%rH; Temperature: 20°C

EUT Information

Manufacturer:	Robert Bosch Car Multimedia
Product:	AIVIV20
EUT Model:	18-1-00486S06
HW:	tbd
SW:	283C24194R
Serial Nr.:	
Conected Devices:	13.5VDC

Full Spectrum



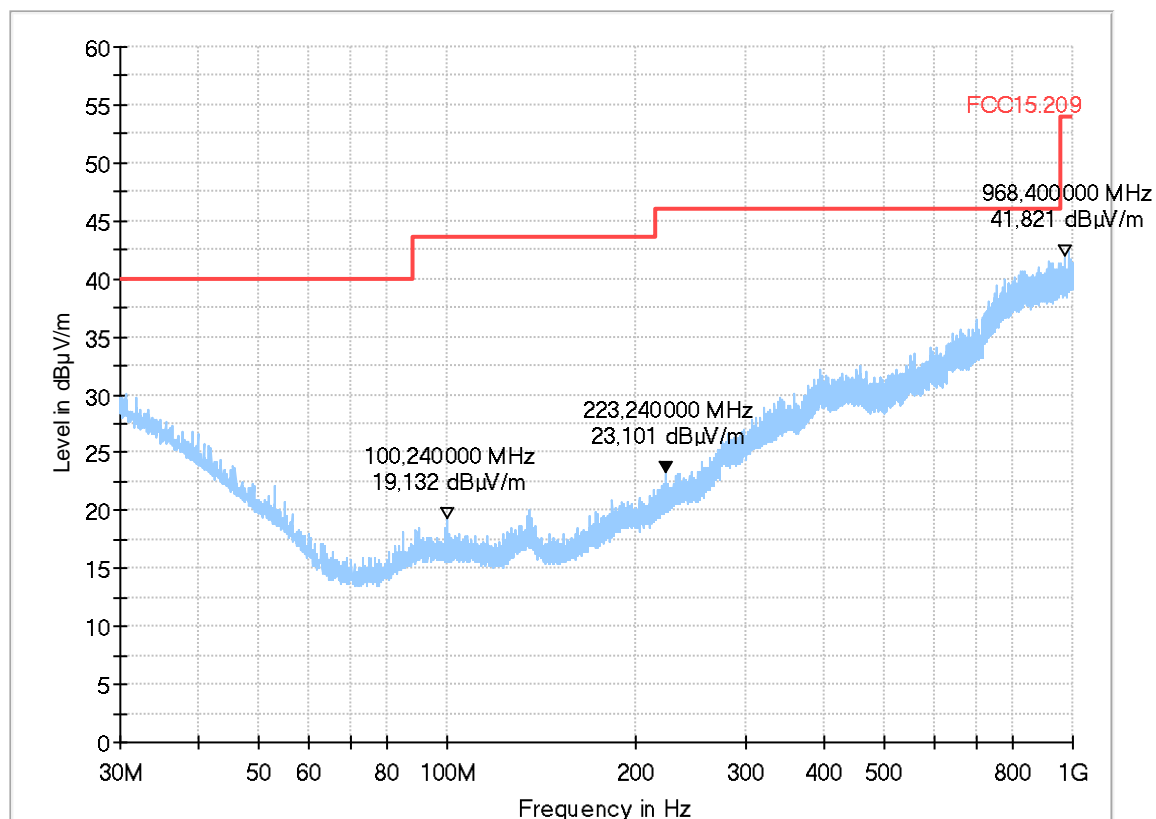
3.05a_n-mode_MCS7_ch40

Test description:	12.11.2018 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
Distance correction:	EMC32 V9.25.0
Used filter:	not used
Technical Data:	not used
Test specification.:	please see page 2 for detailed data of measurement setup
Operatingmode:	FCC 15.209; RSS-Gen: Issue 3
Operator:	n-mode HT20 MCS7 ch40 laying
Operating conditions:	LKu
Comment 1:	Humidity: 48%rH; Temperature: 20°C
	laying

EUT Information

Model:	Manufacturer:Robert Bosch Car Multimedia GmbH
Type:	AIVIV20
	Navigations- und Multimediagerät
EUT:	FCC
HW version:	tbd
SW version:283C37820R	283C37820R
SVN:	-
Config:	-
Serial number:	0005111
Connected Interfaces:	-
Power Supply:	-
Comments:	-

Full Spectrum



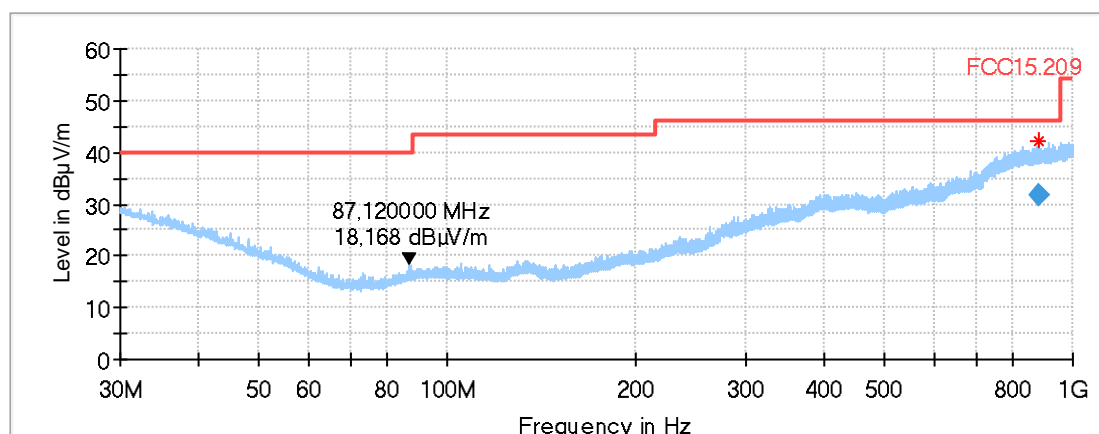
3.05b_n-mode_MCS7_ch40

12.11.2018 Page 1 of 1
 Test description: 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
 Distance correction: not used
 Used filter: not used
 Technical Data: please see page 2 for detailed data of measurement setup
 Test specification.: FCC 15.209; RSS-Gen: Issue 3
 Operatingmode: n-mode | HT20 | MCS7 | ch40 | standing
 Operator: LKu
 Operating conditions: Humidity: 48%rH; Temperature: 20°C
 Comment 1: standing

EUT Information

Model: AIVIV20
 Type: Navigations- und Multimediagerät
 Manufacturer: Robert Bosch Car Multimedia GmbH
 EUT: FCC
 HW version: tbd
 SW version: 283C37820R
 SVN: -
 Config: -
 Serial number: 0005111
 Connected Interfaces: -
 Power Supply: -
 Comments: -

Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
883.432000	31.80	46.00	14.20	1000.0	120.000	294.0	H	334.0	26.3

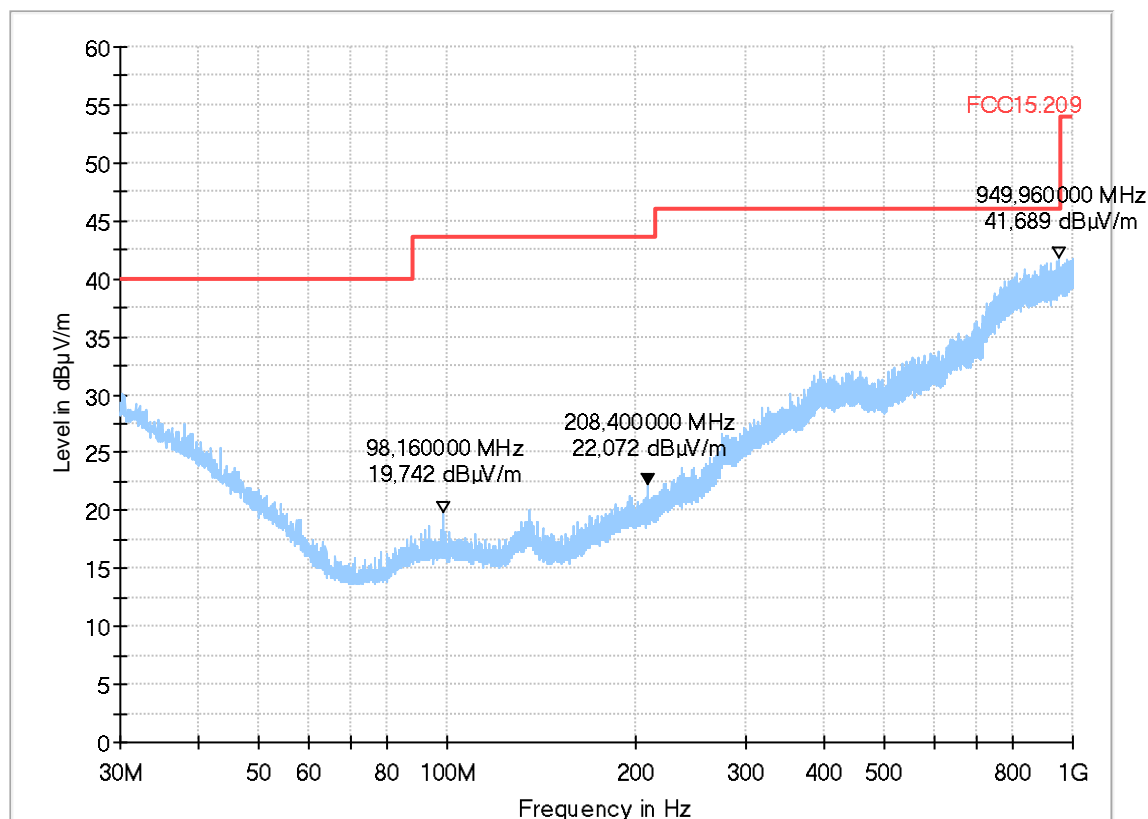
3.06a_n-mode_MCS7_ch52

Test description:	12.11.2018 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
Distance correction:	EMC32 V9.25.0
Used filter:	not used
Technical Data:	not used
Test specification.:	please see page 2 for detailed data of measurement setup
Operatingmode:	FCC 15.209; RSS-Gen: Issue 3
Operator:	n-mode HT20 MCS7 ch52 laying
Operating conditions:	LKu
Comment 1:	Humidity: 48%rH; Temperature: 20°C
	laying

EUT Information

Model:	Manufacturer:Robert Bosch Car Multimedia GmbH
Type:	AIVIV20
	Navigations- und Multimediagerät
EUT:	FCC
HW version:	tbd
SW version:283C37820R	283C37820R
SVN:	-
Config:	-
Serial number:	0005111
Connected Interfaces:	-
Power Supply:	-
Comments:	-

Full Spectrum



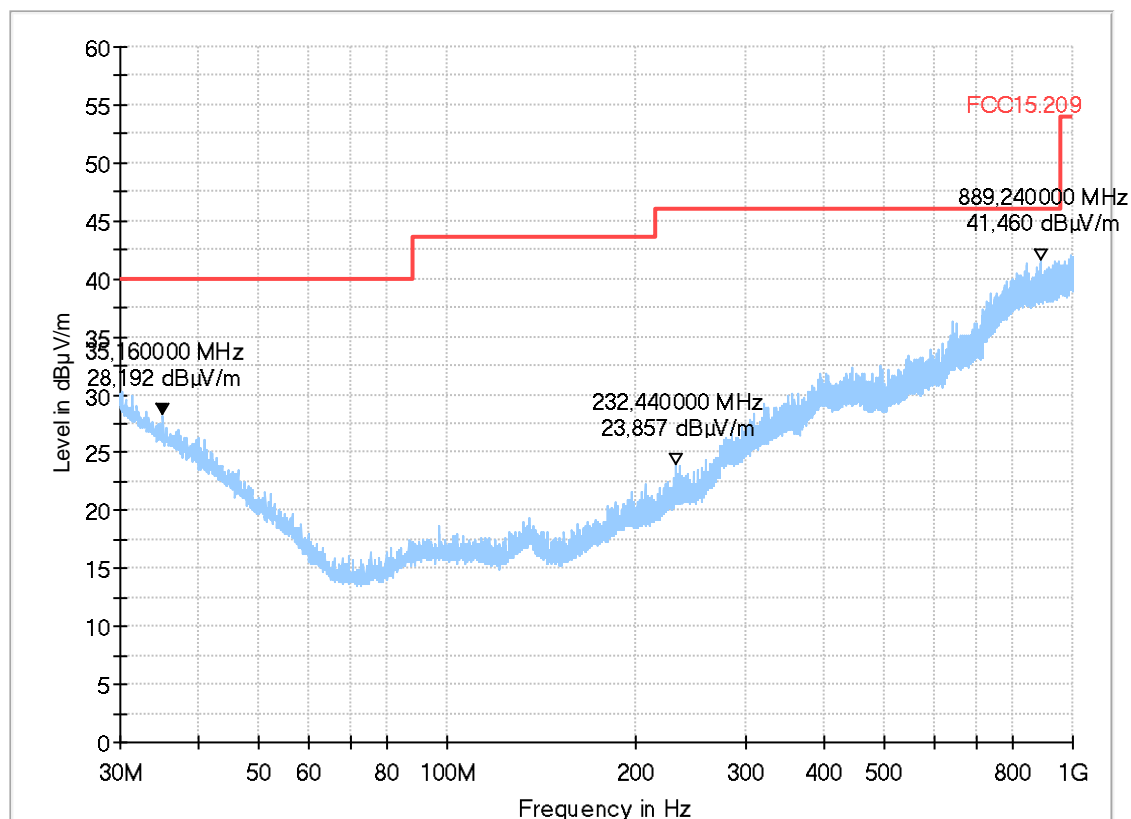
3.06b_n-mode_MCS7_ch52

Test description:	12.11.2018 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
Distance correction:	EMC32 V9.25.0
Used filter:	not used
Technical Data:	not used
Test specification.:	please see page 2 for detailed data of measurement setup
Operatingmode:	FCC 15.209; RSS-Gen: Issue 3
Operator:	n-mode HT20 MCS7 ch52 standing
Operating conditions:	LKu
Comment 1:	Humidity: 48%rH; Temperature: 20°C
	standing

EUT Information

Model:	Manufacturer:Robert Bosch Car Multimedia GmbH
Type:	AIVIV20
	Navigations- und Multimediagerät
EUT:	FCC
HW version:	tbd
SW version:283C37820R	283C37820R
SVN:	-
Config:	-
Serial number:	0005111
Connected Interfaces:	-
Power Supply:	-
Comments:	-

Full Spectrum



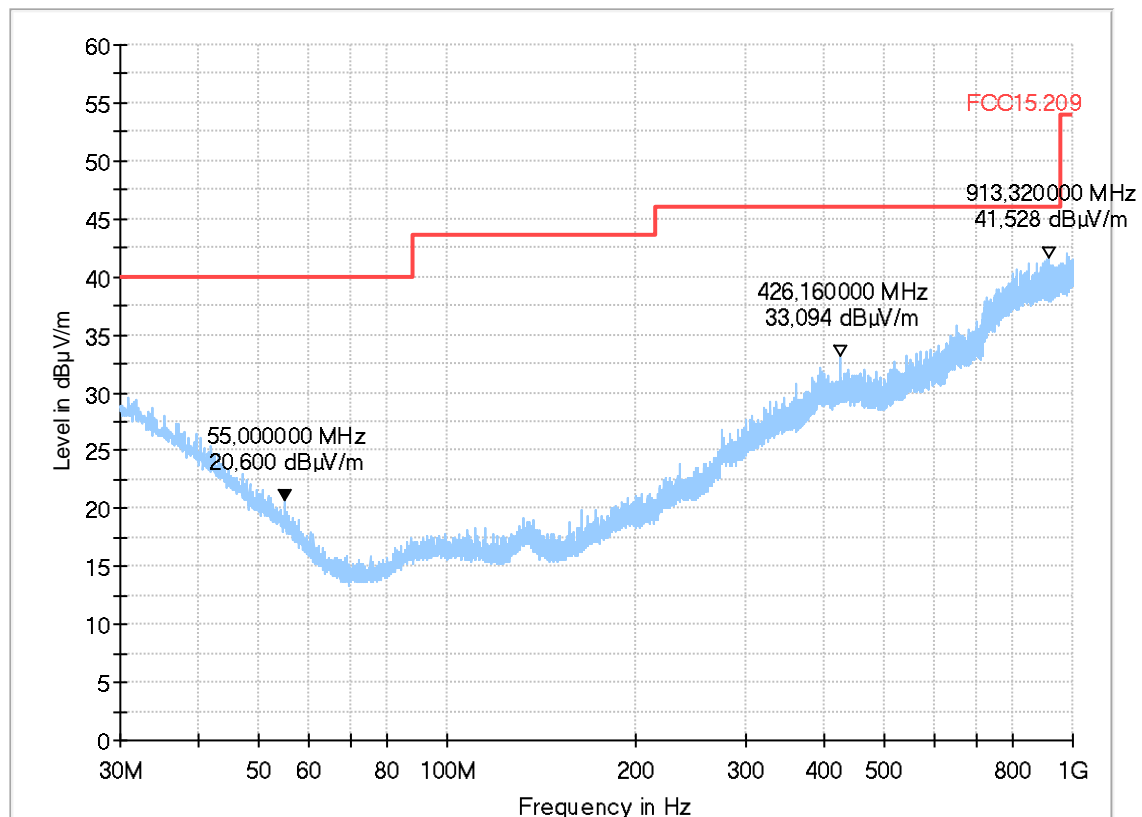
3.07a_n-mode_MCS7_ch116

Test description:	12.11.2018 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
Distance correction:	EMC32 V9.25.0
Used filter:	not used
Technical Data:	not used
Test specification.:	please see page 2 for detailed data of measurement setup
Operatingmode:	FCC 15.209; RSS-Gen: Issue 3
Operator:	n-mode HT20 MCS7 ch116 laying
Operating conditions:	LKu
Comment 1:	Humidity: 48%rH; Temperature: 20°C
	laying

EUT Information

Model:	Manufacturer:Robert Bosch Car Multimedia GmbH
Type:	AIVIV20
	Navigations- und Multimediagerät
EUT:	FCC
HW version:	tbd
SW version:283C37820R	283C37820R
SVN:	-
Config:	-
Serial number:	0005111
Connected Interfaces:	-
Power Supply:	-
Comments:	-

Full Spectrum



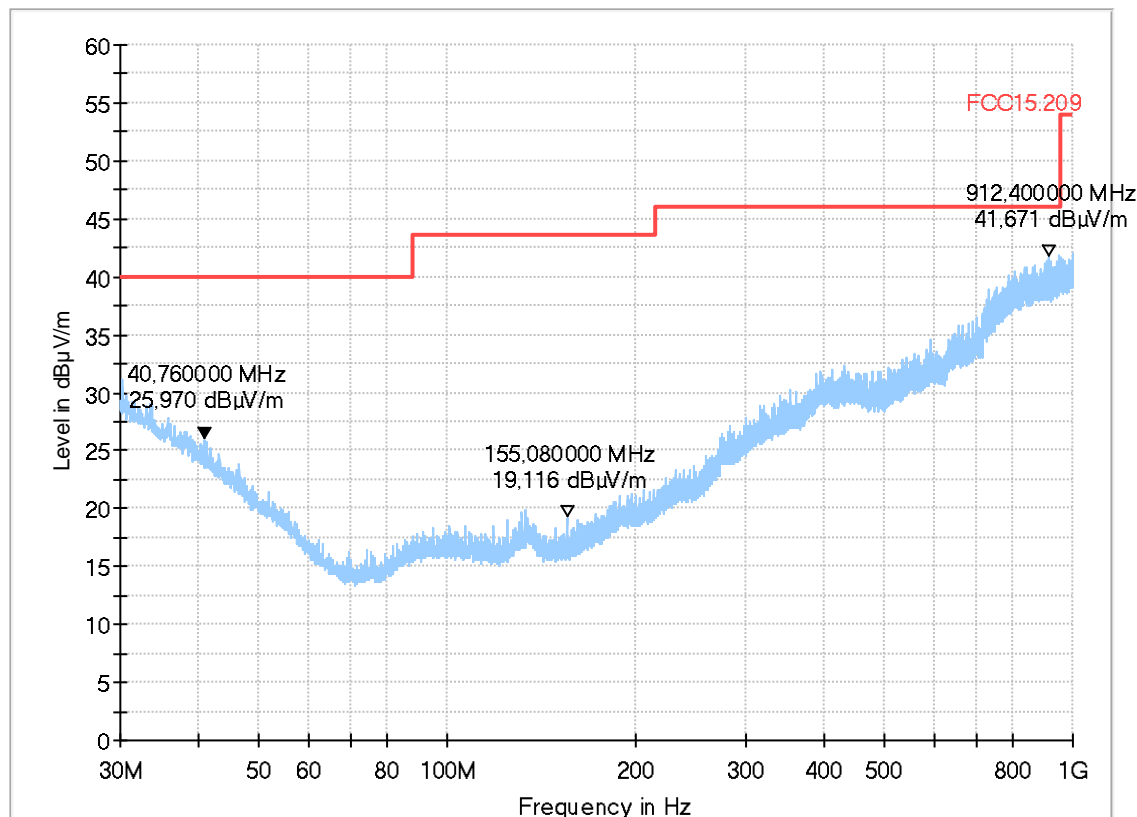
3.07b_n-mode_MCS7_ch116

Test description:	12.11.2018 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
Distance correction:	EMC32 V9.25.0
Used filter:	not used
Technical Data:	not used
Test specification.:	please see page 2 for detailed data of measurement setup
Operatingmode:	FCC 15.209; RSS-Gen: Issue 3
Operator:	n-mode HT20 MCS7 ch116 standing
Operating conditions:	LKu
Comment 1:	Humidity: 48%rH; Temperature: 20°C
	standing

EUT Information

Model:	Manufacturer:Robert Bosch Car Multimedia GmbH
Type:	AIVIV20
	Navigations- und Multimediagerät
EUT:	FCC
HW version:	tbd
SW version:283C37820R	283C37820R
SVN:	-
Config:	-
Serial number:	0005111
Connected Interfaces:	-
Power Supply:	-
Comments:	-

Full Spectrum



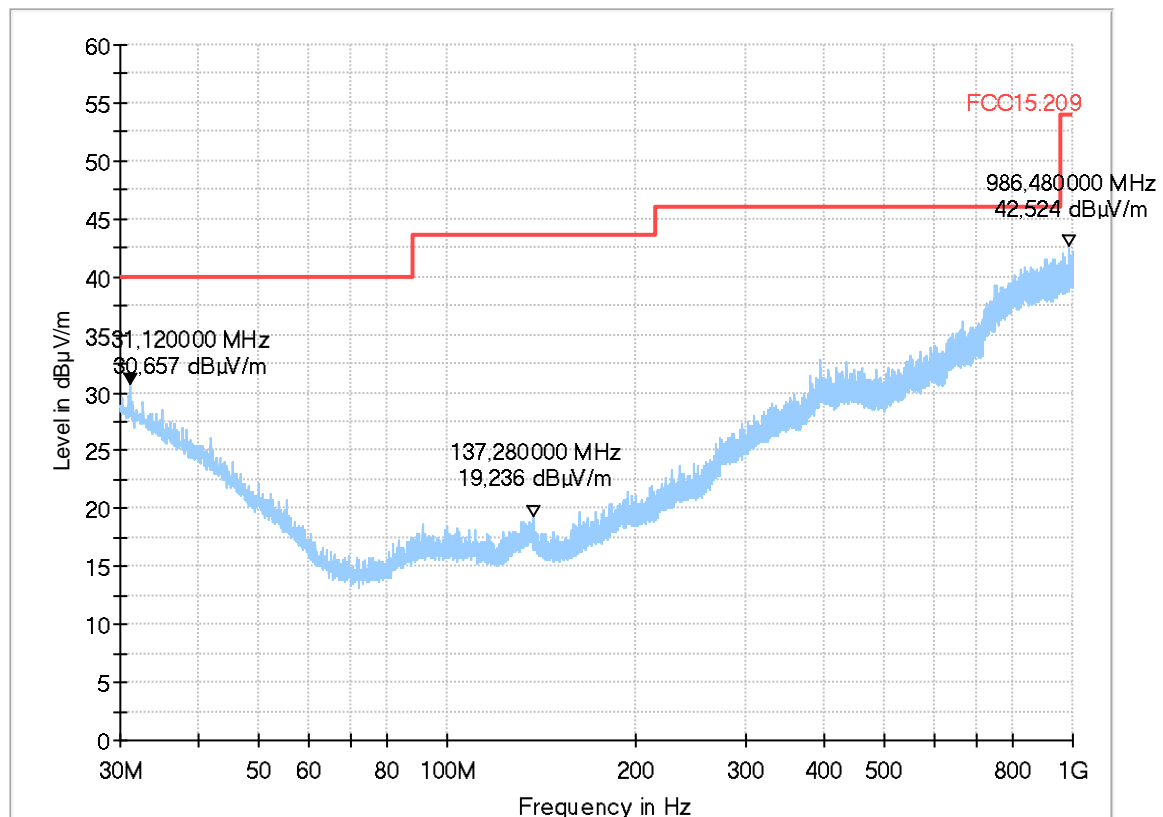
3.08a_n-mode_MCS7_ch157

Test description:	12.11.2018 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
Distance correction:	EMC32 V9.25.0
Used filter:	not used
Technical Data:	not used
Test specification.:	please see page 2 for detailed data of measurement setup
Operatingmode:	FCC 15.209; RSS-Gen: Issue 3
Operator:	n-mode HT20 MCS7 ch157 laying
Operating conditions:	LKu
Comment 1:	Humidity: 48%rH; Temperature: 20°C
	laying

EUT Information

Model:	Manufacturer:Robert Bosch Car Multimedia GmbH
Type:	AIVIV20
	Navigations- und Multimediagerät
EUT:	FCC
HW version:	tbd
SW version:283C37820R	283C37820R
SVN:	-
Config:	-
Serial number:	0005111
Connected Interfaces:	-
Power Supply:	-
Comments:	-

Full Spectrum



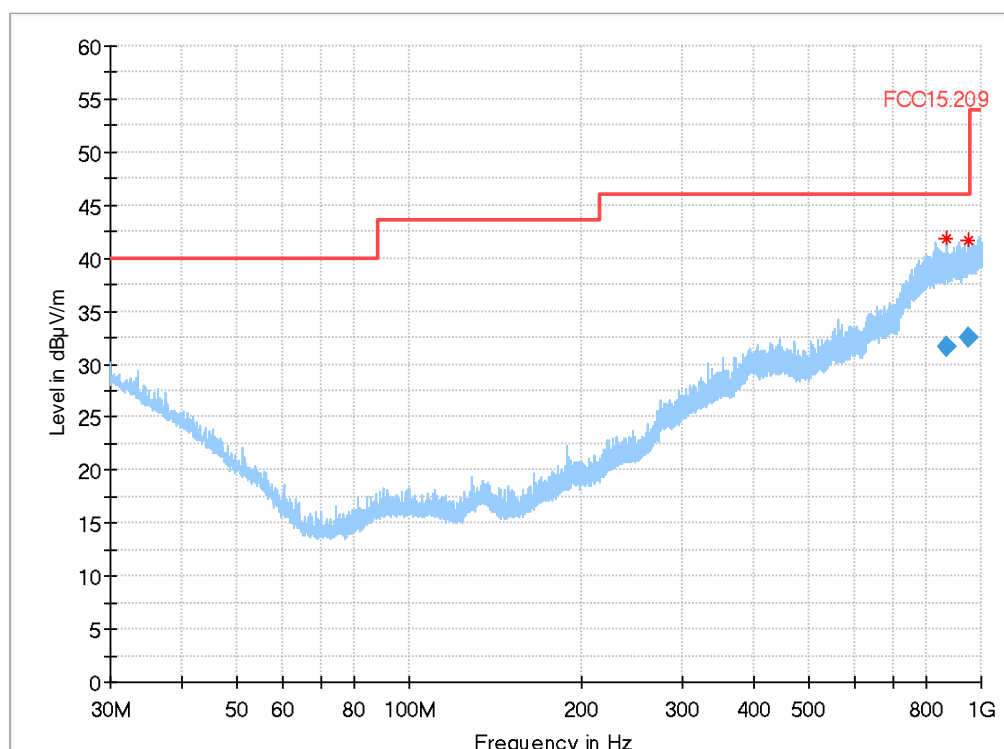
3.08b_n-mode_MCS7_ch157

12.11.2018 Page 1 of 2
 Test description: 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
 Distance correction: not used
 Used filter: not used
 Technical Data: please see page 2 for detailed data of measurement setup
 Test specification.: FCC 15.209; RSS-Gen: Issue 3
 Operatingmode: n-mode | HT20 | MCS7 | ch157 | standing
 Operator: MBe
 Operating conditions: Humidity: 48%rH; Temperature: 20°C
 Comment 1: standing

EUT Information

Model: AIVIV20
 Type: Navigations- und Multimediagerät
 Manufacturer: Robert Bosch Car Multimedia GmbH
 EUT: FCC
 HW version: tbd
 SW version: 283C37820R
 SVN: -
 Config: -
 Serial number: 0005111
 Connected Interfaces: -
 Power Supply: -
 Comments: -

Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Correction (dB)
866.284000	31.63	46.00	14.37	1000.0	120.000	355.0	V	132.0	26.0
950.460000	32.46	46.00	13.54	1000.0	120.000	211.0	H	174.0	27.2

3.09a_ac-mode_MCS1_ch048

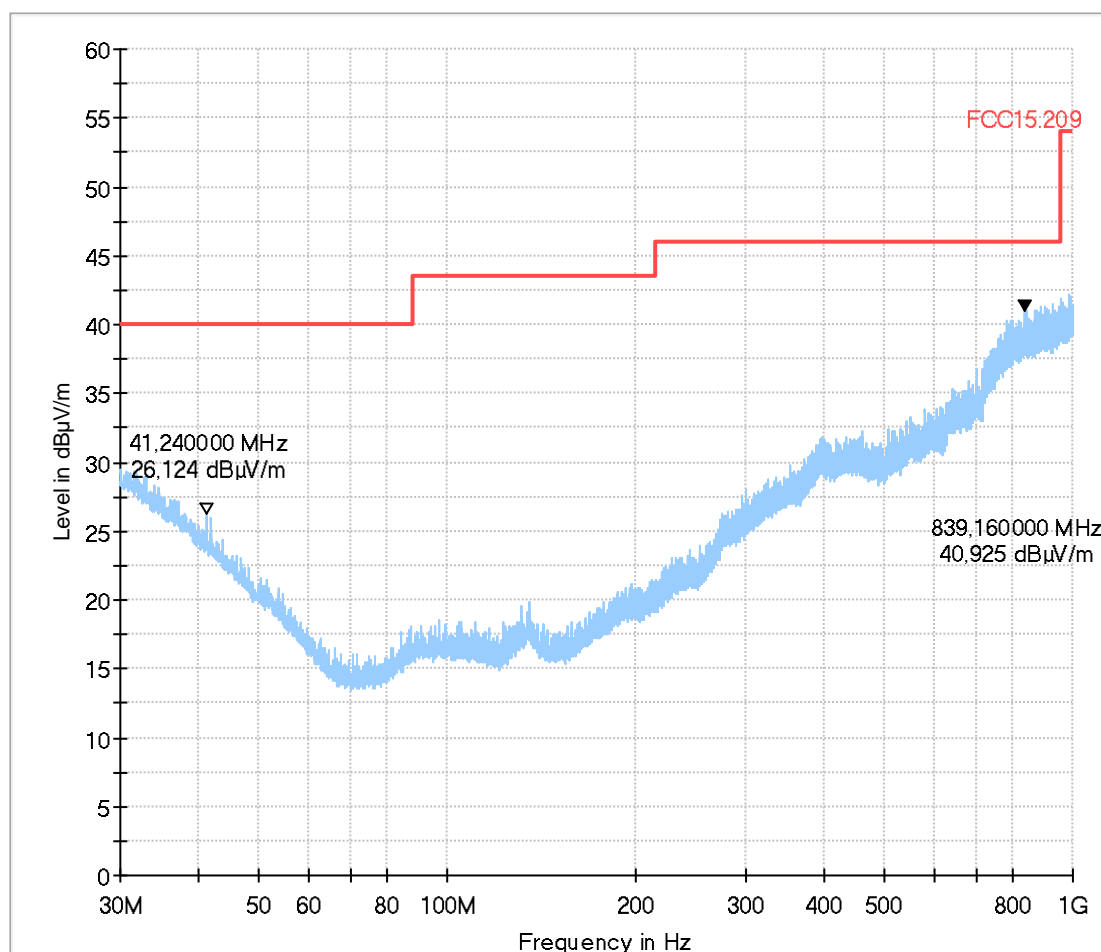
Common Information

Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC32 V9.25.0
Distance correction:	not used
Used filter:	not used
Technical Data:	please see page 2 for detailed data of measurement setup
Test specification.:	FCC 15.209; RSS-Gen: Issue 3
Operatingmode	ac-mode HT20 MCS1 ch048
Operator:	MSo
Operating conditions:	Humidity: 48%rH; Temperature: 20°C
Comment 1:	Laying

EUT Information

Model:	Manufacturer: Robert Bosch Car Multimedia GmbH
Type:	AIVIV20
	Navigations- und Multimediagerät
EUT:	FCC
HW version:	tbd
SW version: 283C37820R	283C37820R
SVN:	-
Config:	-
Serial number:	0005111
Connected Interfaces:	-
Power Supply:	-
Comments:	-

Full Spectrum



3.09b_ac-mode_MCS1_ch048

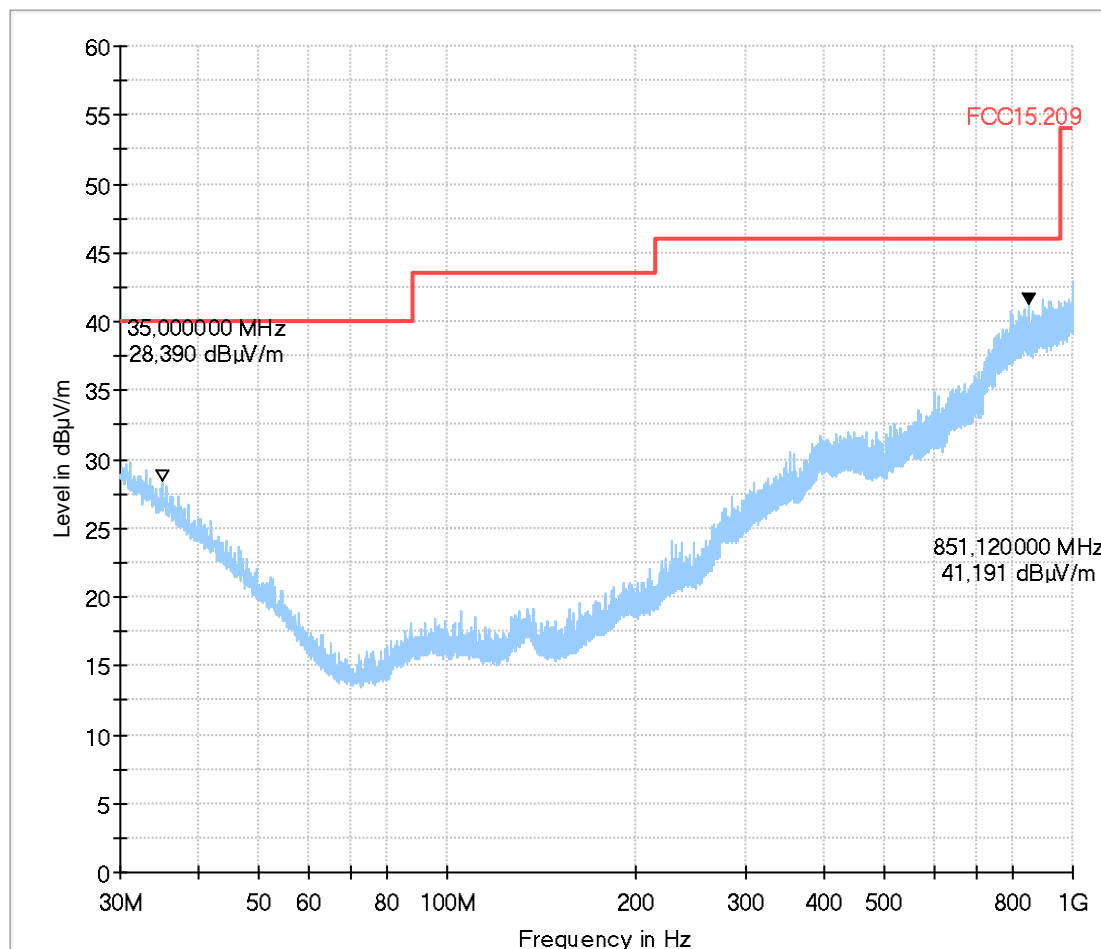
Common Information

Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC32 V9.25.0
Distance correction:	not used
Used filter:	not used
Technical Data:	please see page 2 for detailed data of measurement setup
Test specification.:	FCC 15.209; RSS-Gen: Issue 3
Operatingmode	ac-mode HT20 MCS1 ch048
Operator:	MSo
Operating conditions:	Humidity: 48%rH; Temperature: 20°C
Comment 1:	Standing

EUT Information

Model:	Manufacturer:Robert Bosch Car Multimedia GmbH
Type:	AIVIV20
	Navigations- und Multimediagerät
EUT:	FCC
HW version:	tbd
SW version:283C37820R	283C37820R
SVN:	-
Config:	-
Serial number:	0005111
Connected Interfaces:	-
Power Supply:	-
Comments:	-

Full Spectrum



3.10a_ac-mode_MCS1_ch56

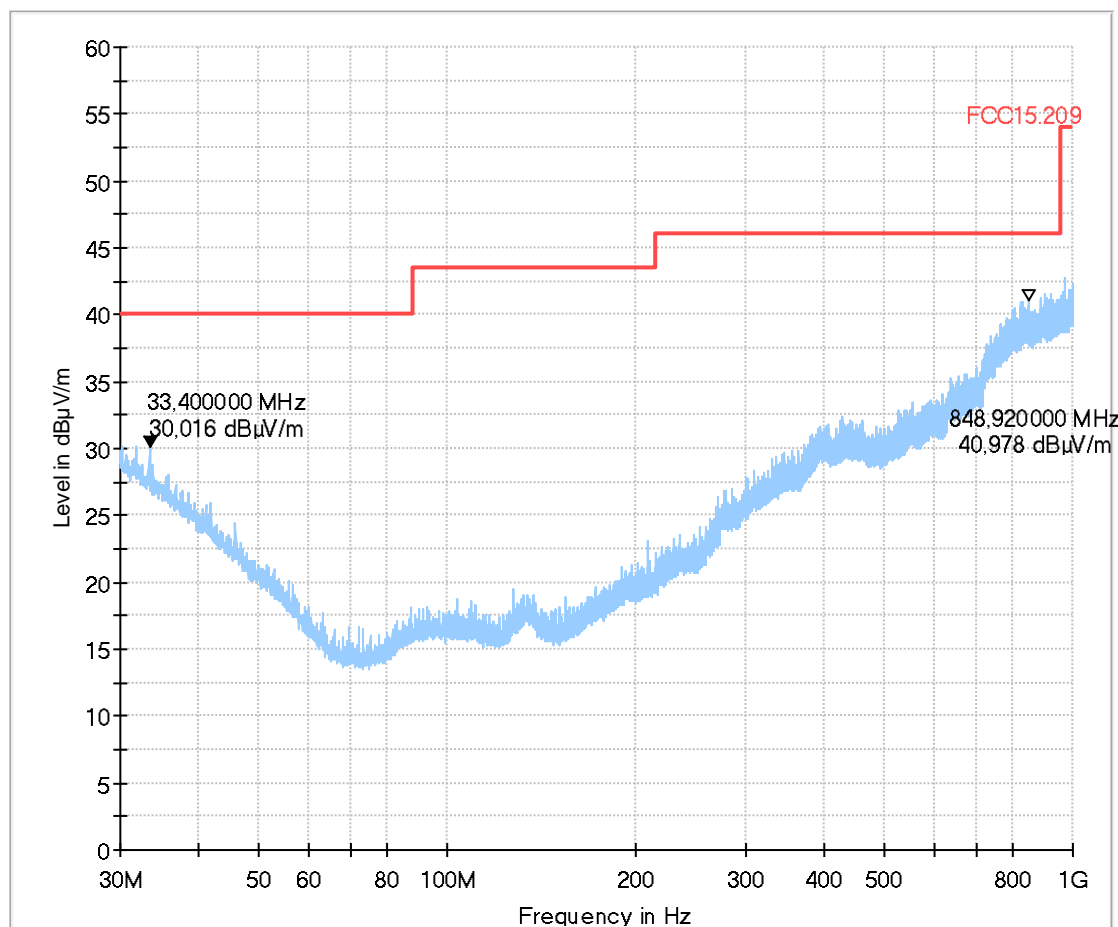
Common Information

Test description:	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
Distance correction:	not used
Used filter:	not used
Technical Data:	please see page 2 for detailed data of measurement setup
Test specification.:	FCC 15.209; RSS-Gen: Issue 3
Operatingmode	ac-mode HT20 MCS1 ch056
Operator:	MSo
Operating Conditions	Humidity: 48%rH; Temperature: 20°C
Comment 1:	laying

UT Information

Model:	Manufacturer:Robert Bosch Car Multimedia GmbH
Type:	AIVIV20
-----	-----
EUT:	FCC
HW version:	tbd
SW version:283C37820R	283C37820R
SVN:	-
Config:	-
Serial number:	0005111
Connected Interfaces:	-
Power Supply:	-
Comments:	-

Full Spectrum



3.10b_ac-mode_MCS1_ch56

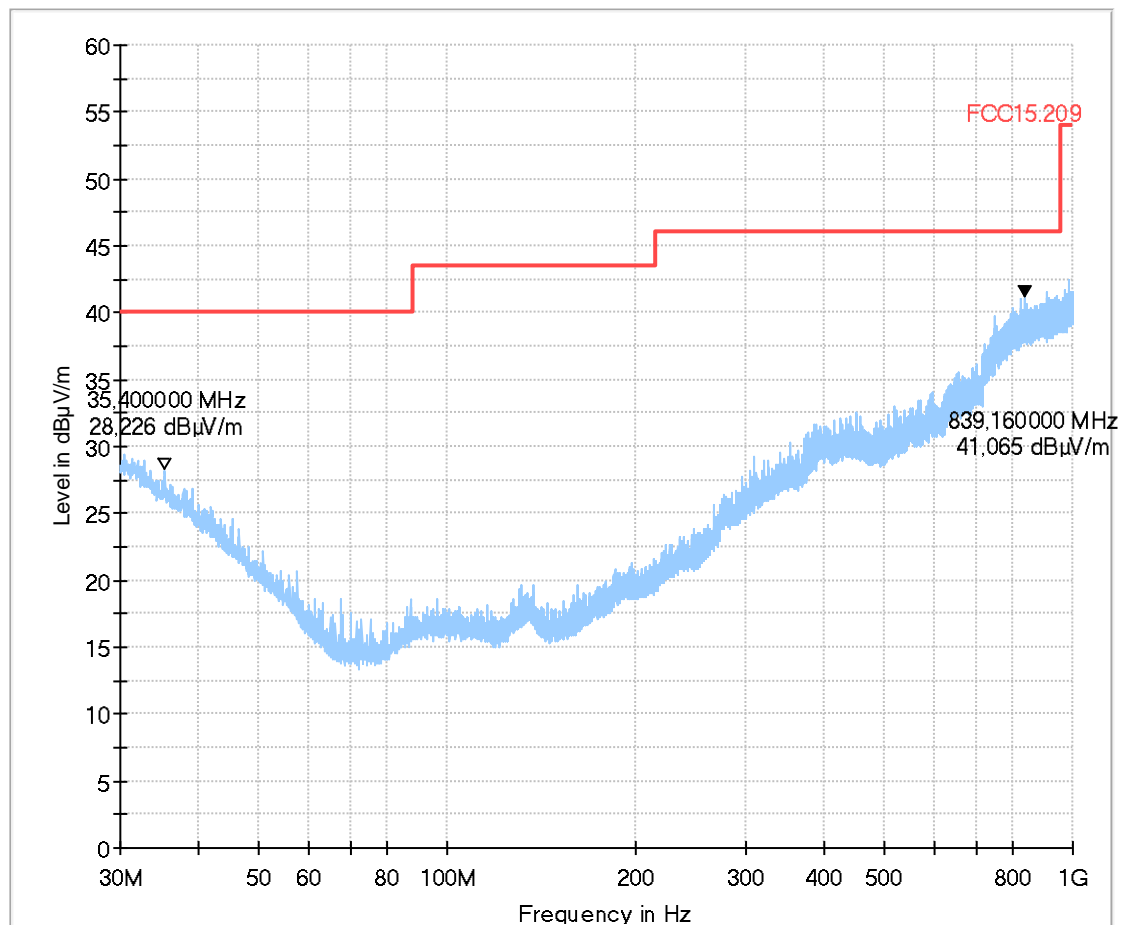
Common Information

Test description:	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
Distance correction:	not used
Used filter:	not used
Technical Data:	please see page 2 for detailed data of measurement setup
Test specification.:	FCC 15.209; RSS-Gen: Issue 3
Operatingmode	ac-mode HT20 MCS1 ch056
Operator:	MSo
Operating Conditions	Humidity: 48%rH; Temperature: 20°C
Comment 1:	standing

EUT Information

Model:	Manufacturer:Robert Bosch Car Multimedia GmbH
Type:	AIVIV20
	Navigations- und Multimediagerät
EUT:	FCC
HW version:	tbd
SW version:283C37820R	283C37820R
SVN:	-
Config:	-
Serial number:	0005111
Connected Interfaces:	-
Power Supply:	-
Comments:	-

Full Spectrum



3.11a_ac-mode_MCS1_ch140

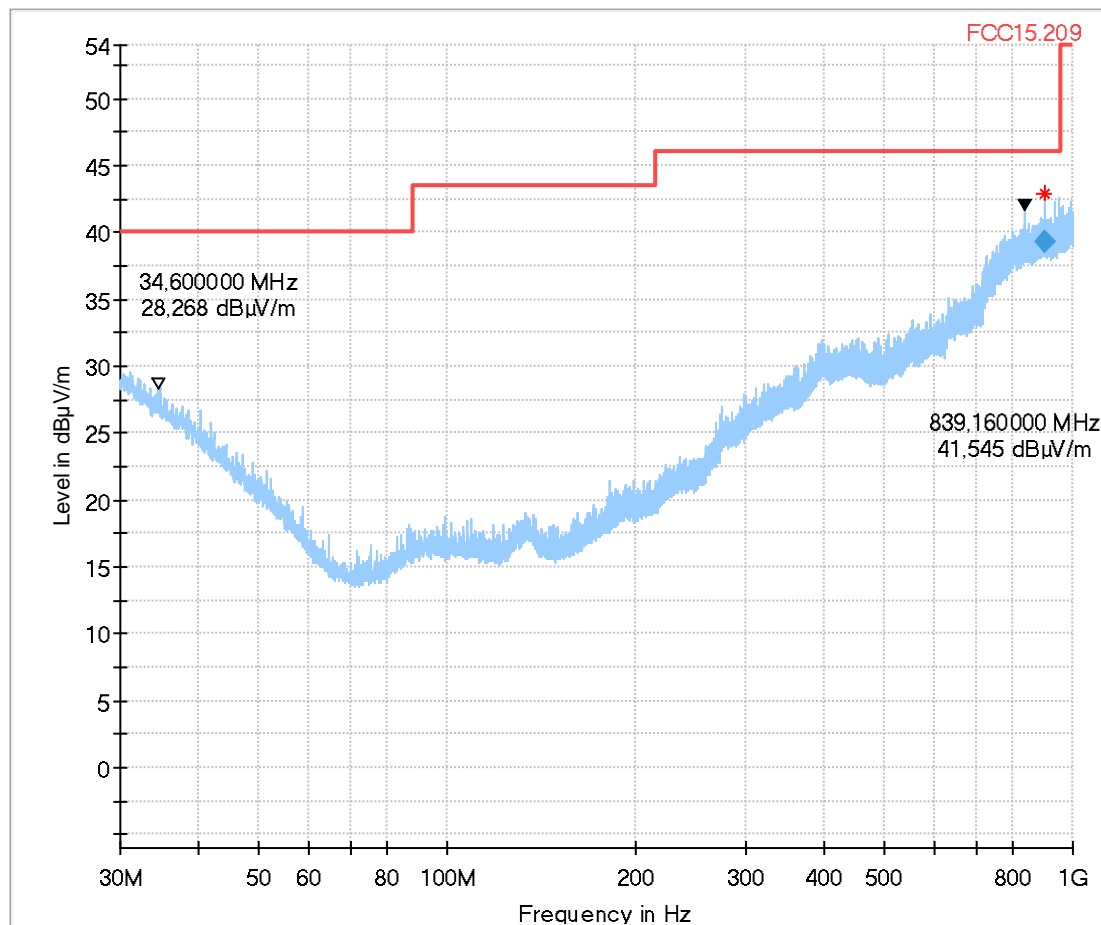
Common Information

Test description:	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
Distance correction:	not used
Used filter:	not used
Technical Data:	please see page 2 for detailed data of measurement setup
Test specification.:	FCC 15.209; RSS-Gen: Issue 3
Operatingmode	ac-mode HT20 MCS1 ch140
Operator:	MSO
Operating Conditions	Humidity: 48%rH; Temperature: 20°C
Comment 1:	laying

EUT Information

Model:	Manufacturer:Robert Bosch Car Multimedia GmbH
Type:	AIVIV20
	Navigations- und Multimediagerät
EUT:	FCC
HW version:	tbd
SW version:283C37820R	283C37820R
SVN:	-
Config:	-
Serial number:	0005111
Connected Interfaces:	-
Power Supply:	-
Comments:	-

Full Spectrum



3.11b_ac-mode_MCS1_ch140

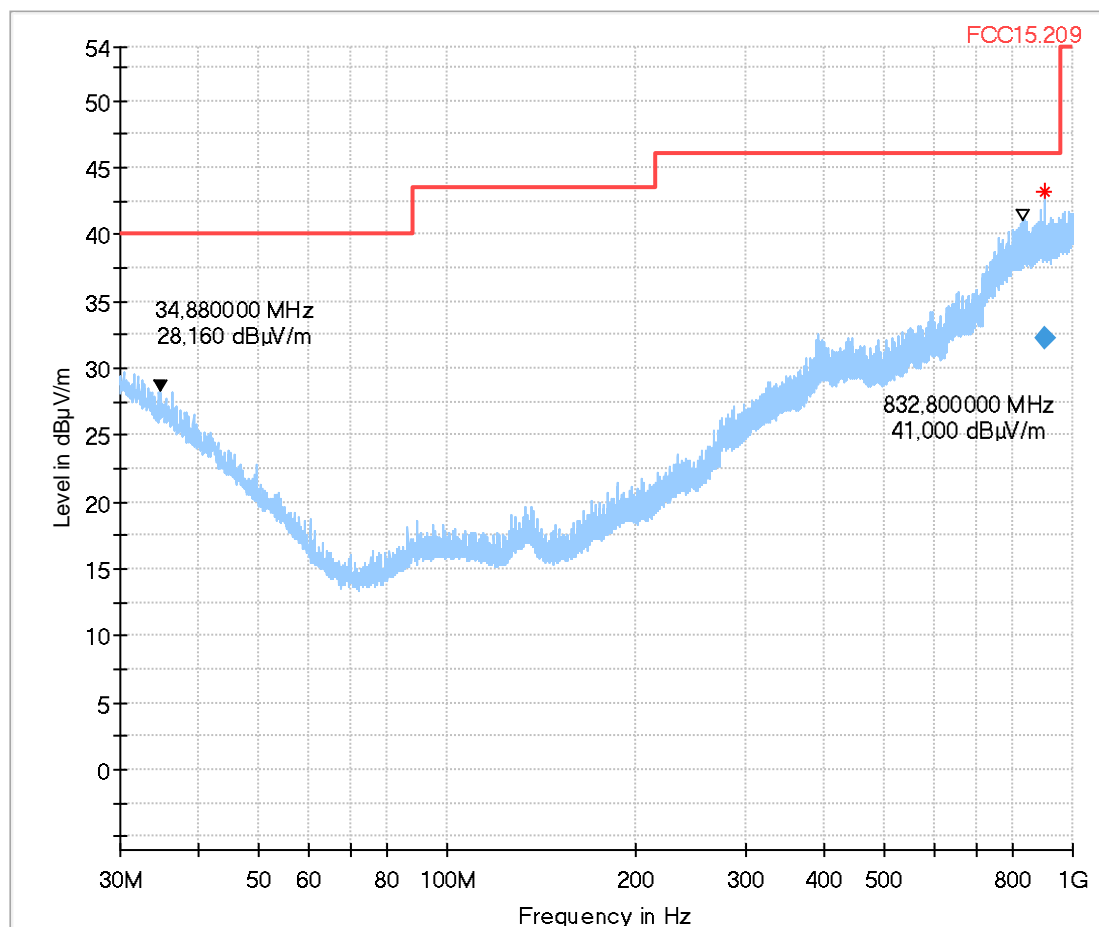
Common Information

Test description:	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
Distance correction:	not used
Used filter:	not used
Technical Data:	please see page 2 for detailed data of measurement setup
Test specification.:	FCC 15.209; RSS-Gen: Issue 3
Operatingmode	ac-mode HT20 MCS1 ch140
Operator:	MSo
Operating Conditions	Humidity: 48%rH; Temperature: 20°C
Comment 1:	standing

EUT Information

Model:	Manufacturer:Robert Bosch Car Multimedia GmbH
Type:	AIVIV20
	Navigations- und Multimediagerät
EUT:	FCC
HW version:	tbd
SW version:283C37820R	283C37820R
SVN:	-
Config:	-
Serial number:	0005111
Connected Interfaces:	-
Power Supply:	-
Comments:	-

Full Spectrum



3.12a_ac-mode_MCS1_ch165

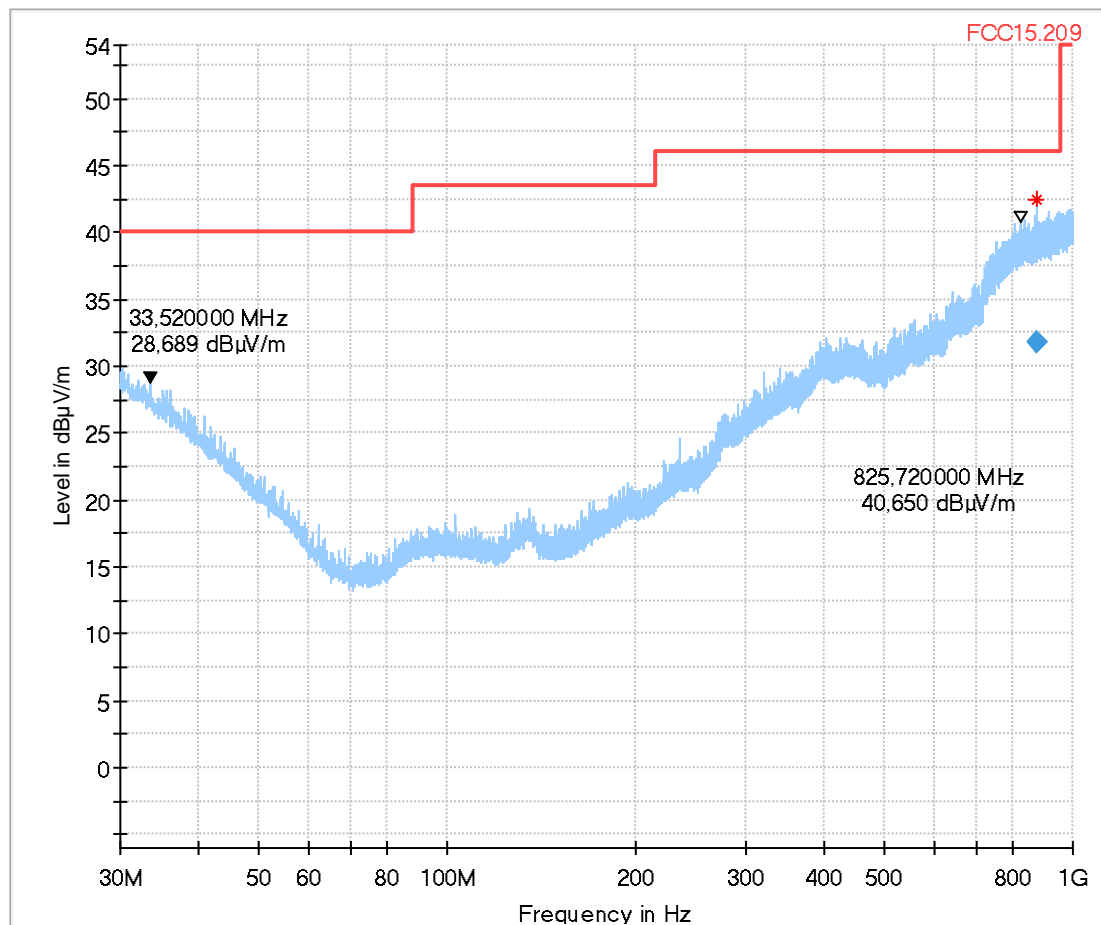
Common Information

Test description:	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
Distance correction:	not used
Used filter:	not used
Technical Data:	please see page 2 for detailed data of measurement setup
Test specification.:	FCC 15.209; RSS-Gen: Issue 3
Operatingmode	ac-mode HT20 MCS1 ch165
Operator:	MSO
Operating Conditions	Humidity: 48%rH; Temperature: 20°C
Comment 1:	laying

EUT Information

Model:	Manufacturer:Robert Bosch Car Multimedia GmbH
Type:	AIVIV20
	Navigations- und Multimediagerät
EUT:	FCC
HW version:	tbd
SW version:283C37820R	283C37820R
SVN:	-
Config:	-
Serial number:	0005111
Connected Interfaces:	-
Power Supply:	-
Comments:	-

Full Spectrum



3.12b_ac-mode_MCS1_ch165

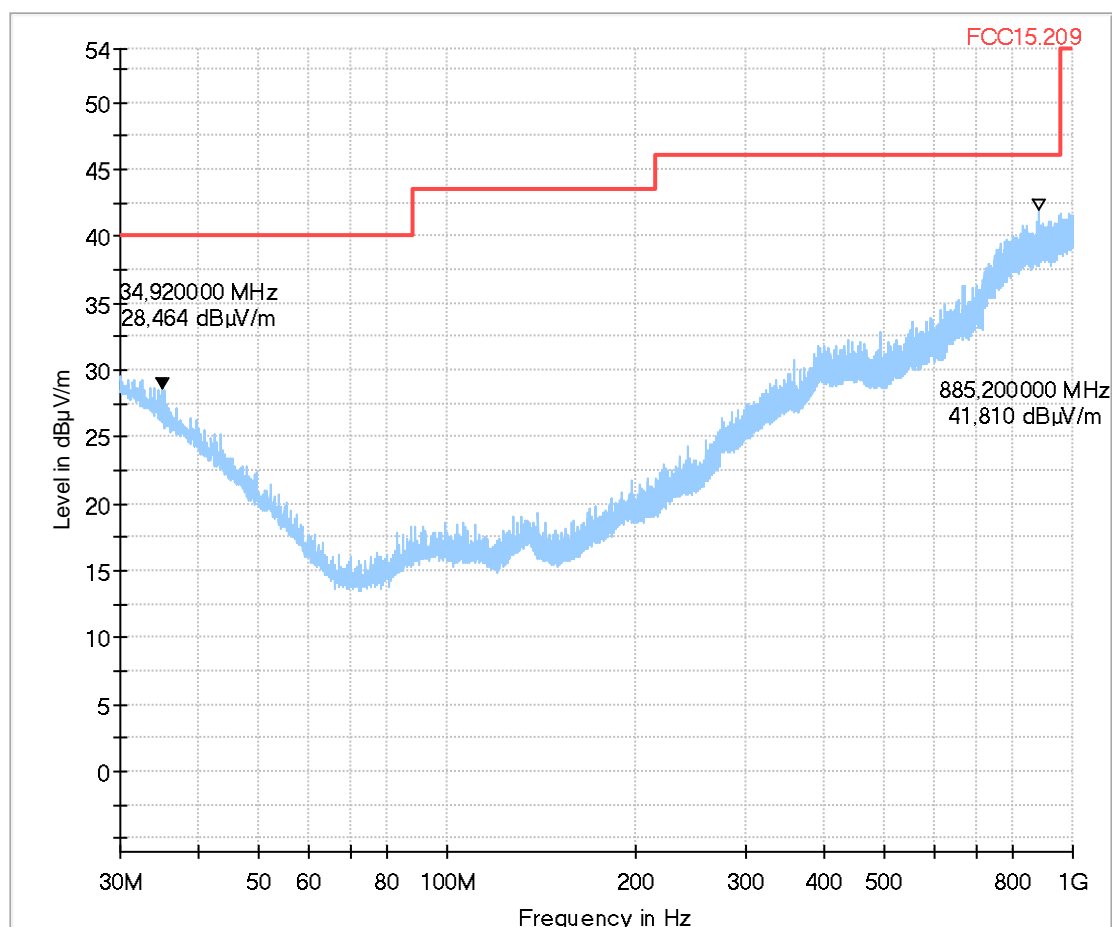
Common Information

Test description:	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
Distance correction:	not used
Used filter:	not used
Technical Data:	please see page 2 for detailed data of measurement setup
Test specification.:	FCC 15.209; RSS-Gen: Issue 3
Operatingmode	ac-mode HT20 MCS1 ch165
Operator:	MSO
Operating Conditions	Humidity: 48%rH; Temperature: 20°C
Comment 1:	standing

EUT Information

Model:	Manufacturer:Robert Bosch Car Multimedia GmbH
Type:	AIVIV20
EUT:	Navigations- und Multimediagerät
HW version:	FCC
SW version:283C37820R	tbd
SVN:	283C37820R
Config:	-
Serial number:	0005111
Connected Interfaces:	-
Power Supply:	-
Comments:	-

Full Spectrum



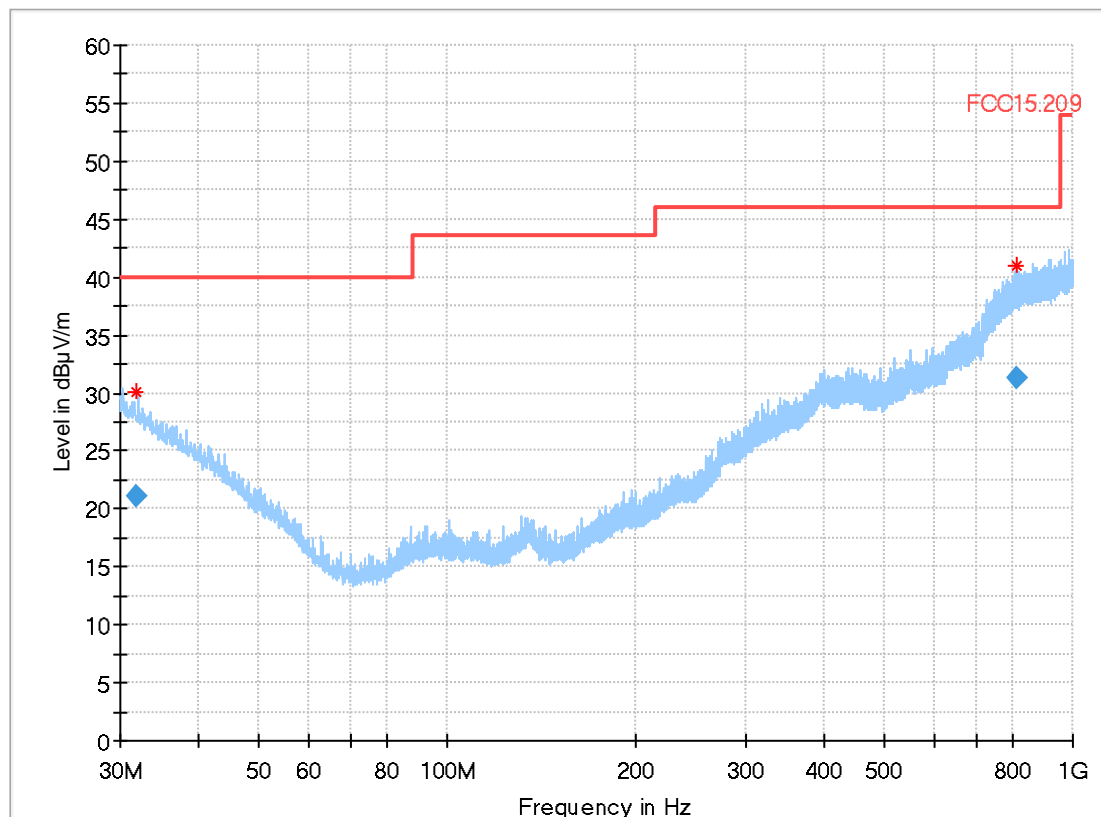
3.13a_n-mode_MCS3_ch038

09.11.2018 Page 1 of 1
 Test description: 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
 Distance correction: not used
 Used filter: not used
 Technical Data: please see page 2 for detailed data of measurement setup
 Test specification.: FCC 15.209; RSS-Gen: Issue 3
 Operatingmode: n-mode_MCS3_ch38_laying
 Operator: TFra
 Operating conditions: Humidity: 48%rH; Temperature: 20°C
 Comment 1: laying_TX

EUT Information

Manufacturer: Robert Bosch Car Multimedia GmbH
 Model: AIVIV20
 Type: Navigations- und Multimediagerät
 EUT: FCC
 HW version: tbd
 SW version: 283C37820R
 SVN: -
 Config: -
 Serial number: 0005111
 Connected Interfaces: -
 Power Supply: -

Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Marginal (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Correction (dB)
31.940000	21.14	40.00	18.86	1000.0	120.000	144.0	V	231.0	20.7
810.300000	31.24	46.00	14.76	1000.0	120.000	308.0	V	94.0	25.2

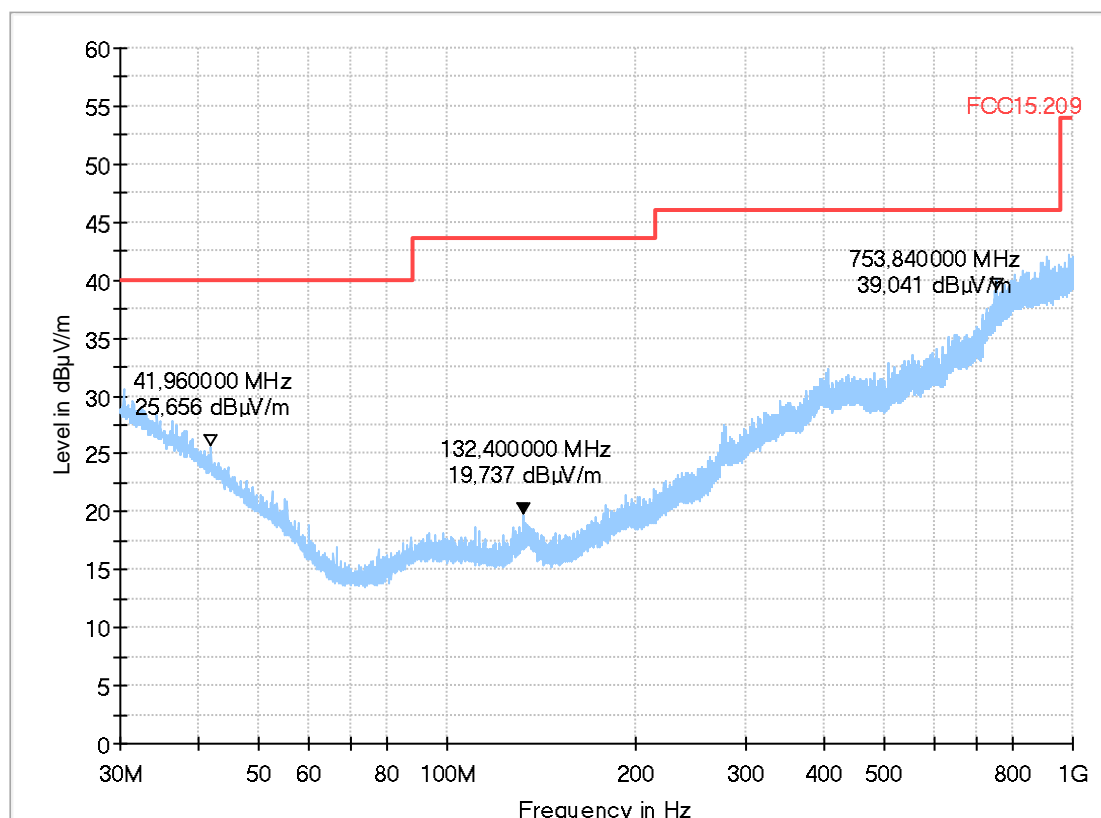
3.13b_n-mode_MCS3_ch038

Test description:	12.11.2018 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
Distance correction:	EMC32 V9.25.0
Used filter:	not used
Technical Data:	not used
Test specification.:	please see page 2 for detailed data of measurement setup
Operatingmode:	FCC 15.209; RSS-Gen: Issue 3
Operator:	n-mode HT20 MCS7 ch157 standing
Operating conditions:	MBe
Comment 1:	Humidity: 48%rH; Temperature: 20°C
	standing

EUT Information

Model:	Manufacturer:Robert Bosch Car Multimedia GmbH
Type:	AIVIV20
	Navigations- und Multimediagerät
EUT:	FCC
HW version:	tbd
SW version:283C37820R	283C37820R
SVN:	-
Config:	-
Serial number:	0005111
Connected Interfaces:	-
Power Supply:	-
Comments:	-

Full Spectrum



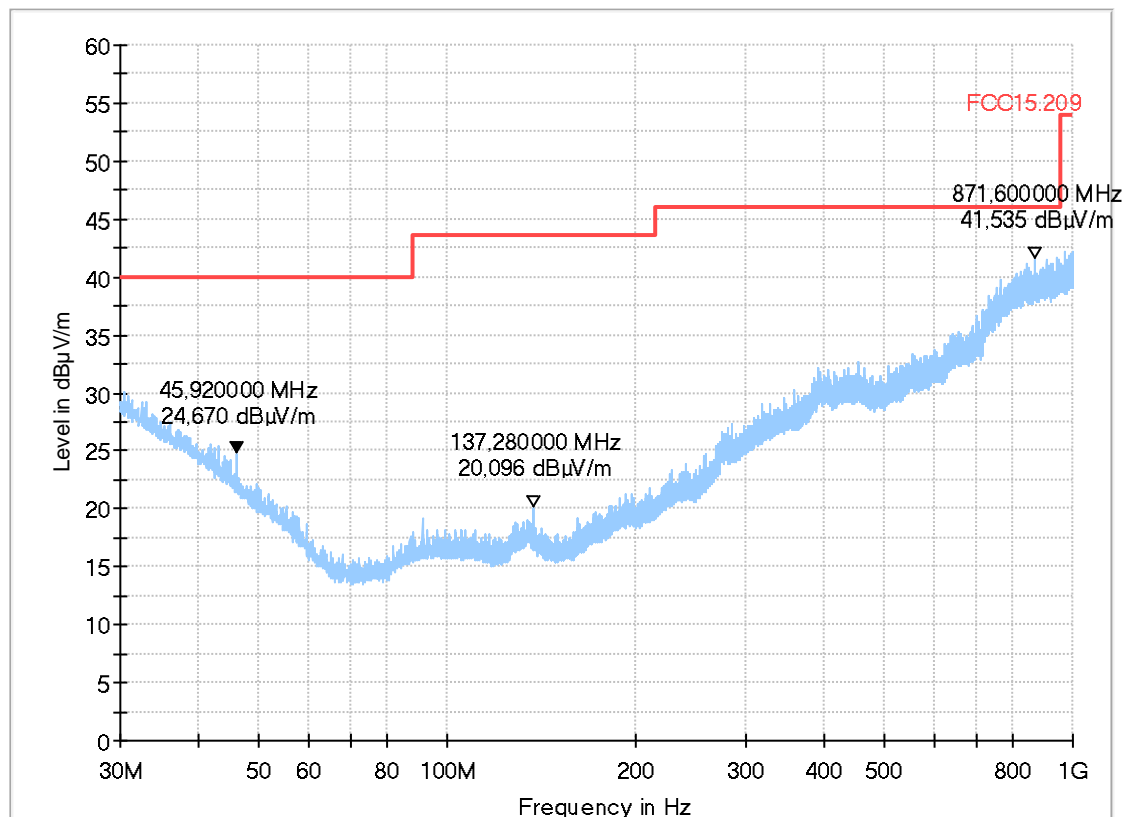
3.14a_n-mode_MCS3_ch54

Test description:	12.11.2018 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
Distance correction:	EMC32 V9.25.0
Used filter:	not used
Technical Data:	not used
Test specification.:	please see page 2 for detailed data of measurement setup
Operatingmode:	FCC 15.209; RSS-Gen: Issue 3
Operator:	n-mode HT40 MCS3 ch54 laying
Operating conditions:	MBe
Comment 1:	Humidity: 48%rH; Temperature: 20°C
	laying

EUT Information

Model:	Manufacturer:Robert Bosch Car Multimedia GmbH
Type:	AIVIV20
	Navigations- und Multimediagerät
EUT:	FCC
HW version:	tbd
SW version:283C37820R	283C37820R
SVN:	-
Config:	-
Serial number:	0005111
Connected Interfaces:	-
Power Supply:	-
Comments:	-

Full Spectrum



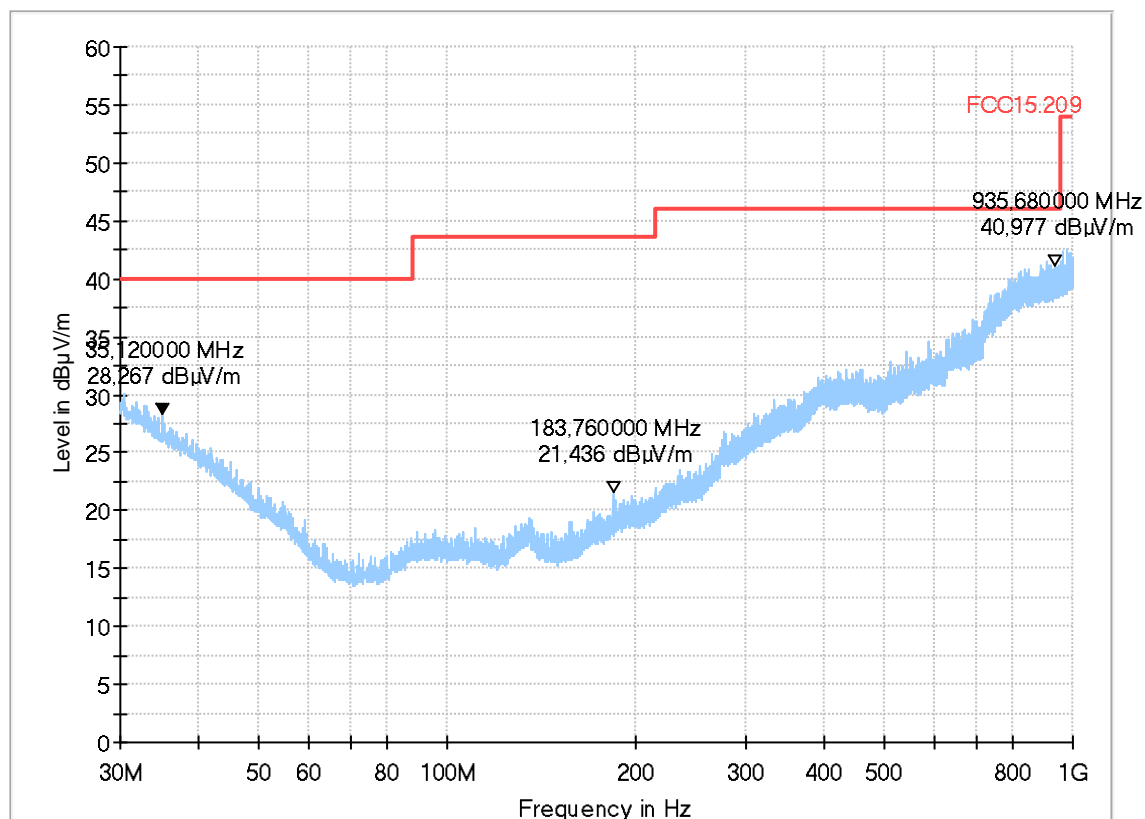
3.14b_n-mode_MCS3_ch54

Test description:	12.11.2018 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
Distance correction:	EMC32 V9.25.0
Used filter:	not used
Technical Data:	not used
Test specification.:	please see page 2 for detailed data of measurement setup
Operatingmode:	FCC 15.209; RSS-Gen: Issue 3
Operator:	n-mode HT40 MCS3 ch54
Operating conditions:	MBe
Comment 1:	Humidity: 48%rH; Temperature: 20°C
	standing

EUT Information

Model:	Manufacturer:Robert Bosch Car Multimedia GmbH
Type:	AIVIV20
	Navigations- und Multimediagerät
EUT:	FCC
HW version:	tbd
SW version:283C37820R	283C37820R
SVN:	-
Config:	-
Serial number:	0005111
Connected Interfaces:	-
Power Supply:	-
Comments:	-

Full Spectrum



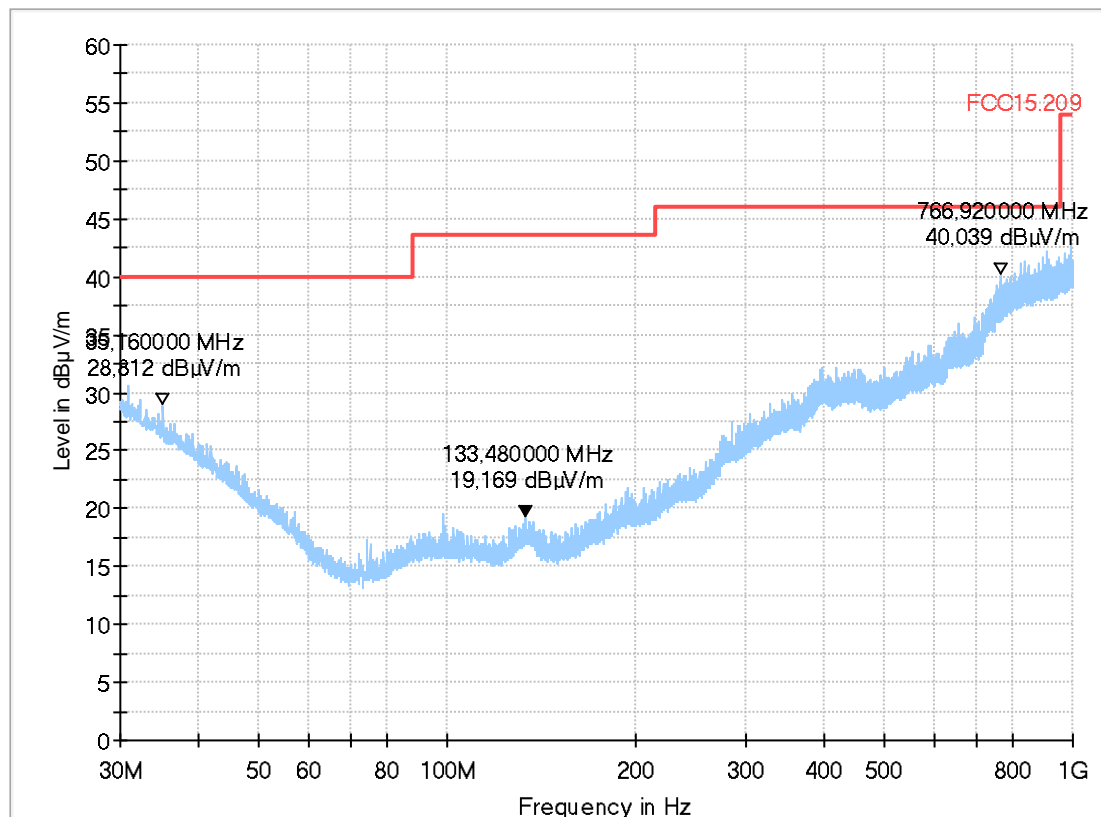
3.15a_n-mode_MCS3_ch102

Test description:	12.11.2018 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
Distance correction:	EMC32 V9.25.0
Used filter:	not used
Technical Data:	not used
Test specification.:	please see page 2 for detailed data of measurement setup
Operatingmode:	FCC 15.209; RSS-Gen: Issue 3
Operator:	n-mode HT40 MCS3 ch102
Operating conditions:	MBe
Comment 1:	Humidity: 48%rH; Temperature: 20°C
	laying

EUT Information

Model:	Manufacturer:Robert Bosch Car Multimedia GmbH
Type:	AIVIV20
	Navigations- und Multimediagerät
EUT:	FCC
HW version:	tbd
SW version:283C37820R	283C37820R
SVN:	-
Config:	-
Serial number:	0005111
Connected Interfaces:	-
Power Supply:	-
Comments:	-

Full Spectrum



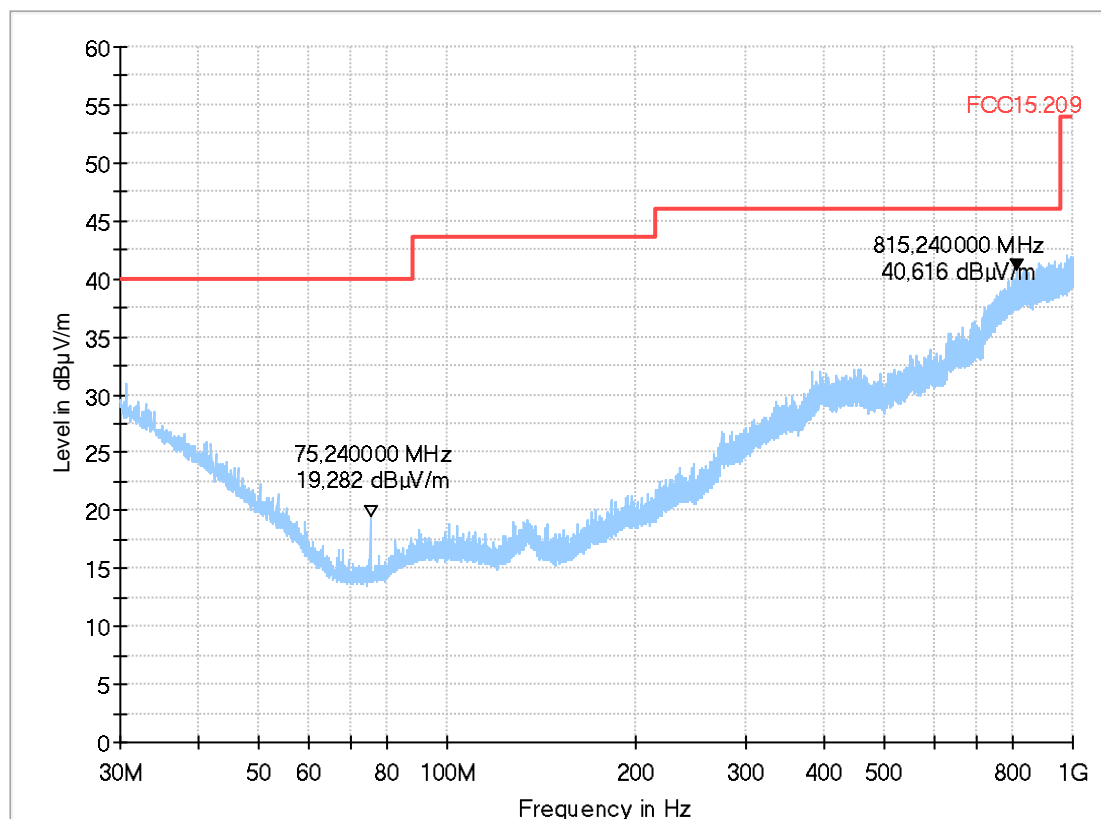
3.15b_n-mode_MCS3_ch102

Test description:	12.11.2018 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
Distance correction:	EMC32 V9.25.0
Used filter:	not used
Technical Data:	not used
Test specification.:	please see page 2 for detailed data of measurement setup
Operatingmode:	FCC 15.209; RSS-Gen: Issue 3
Operator:	n-mode HT40 MCS3 ch102
Operating conditions:	MBe
Comment 1:	Humidity: 48%rH; Temperature: 20°C
	standing

EUT Information

Model:	Manufacturer:Robert Bosch Car Multimedia GmbH
Type:	AIVIV20
	Navigations- und Multimediagerät
EUT:	FCC
HW version:	tbd
SW version:283C37820R	283C37820R
SVN:	-
Config:	-
Serial number:	0005111
Connected Interfaces:	-
Power Supply:	-
Comments:	-

Full Spectrum



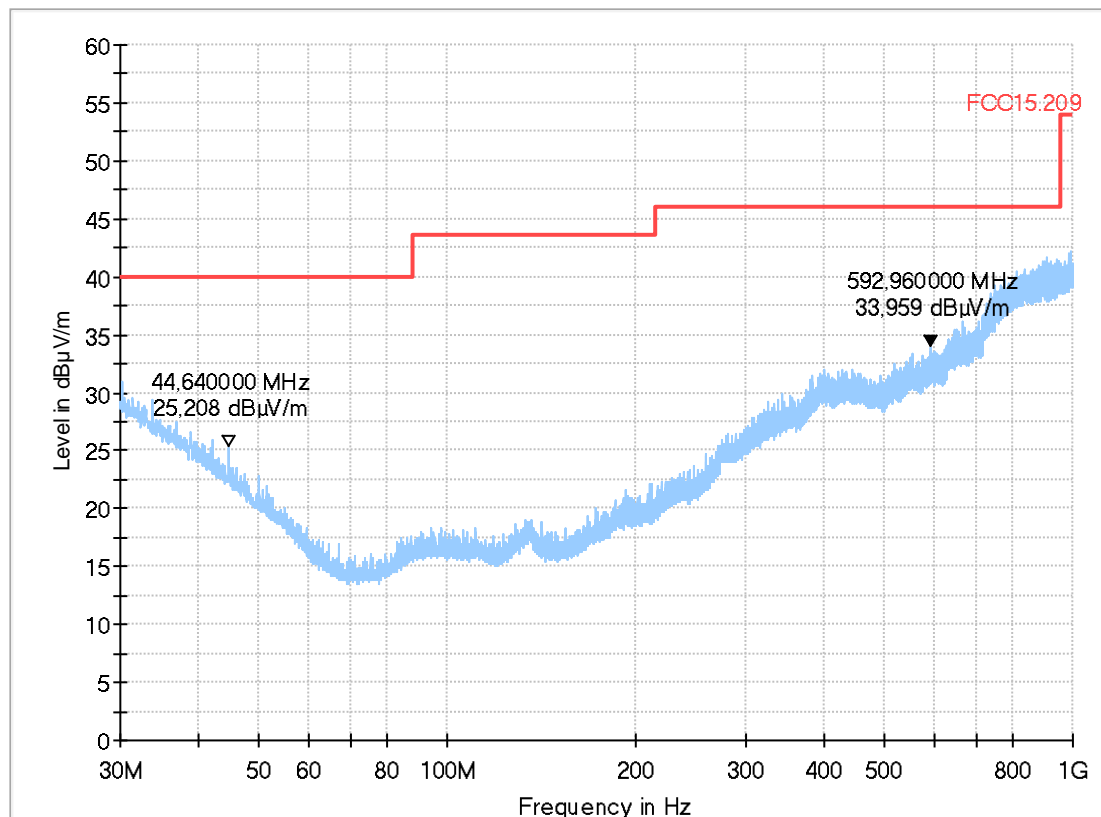
3.16a_n-mode_MCS3_ch151

Test description:	12.11.2018 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
Distance correction:	EMC32 V9.25.0
Used filter:	not used
Technical Data:	not used
Test specification.:	please see page 2 for detailed data of measurement setup
Operatingmode:	FCC 15.209; RSS-Gen: Issue 3
Operator:	n-mode HT40 MCS3 ch151
Operating conditions:	MBe
Comment 1:	Humidity: 48%rH; Temperature: 20°C
	laying

EUT Information

Model:	Manufacturer: Robert Bosch Car Multimedia GmbH
Type:	AIVIV20
	Navigations- und Multimediagerät
EUT:	FCC
HW version:	tbd
SW version: 283C37820R	283C37820R
SVN:	-
Config:	-
Serial number:	0005111
Connected Interfaces:	-
Power Supply:	-
Comments:	-

Full Spectrum



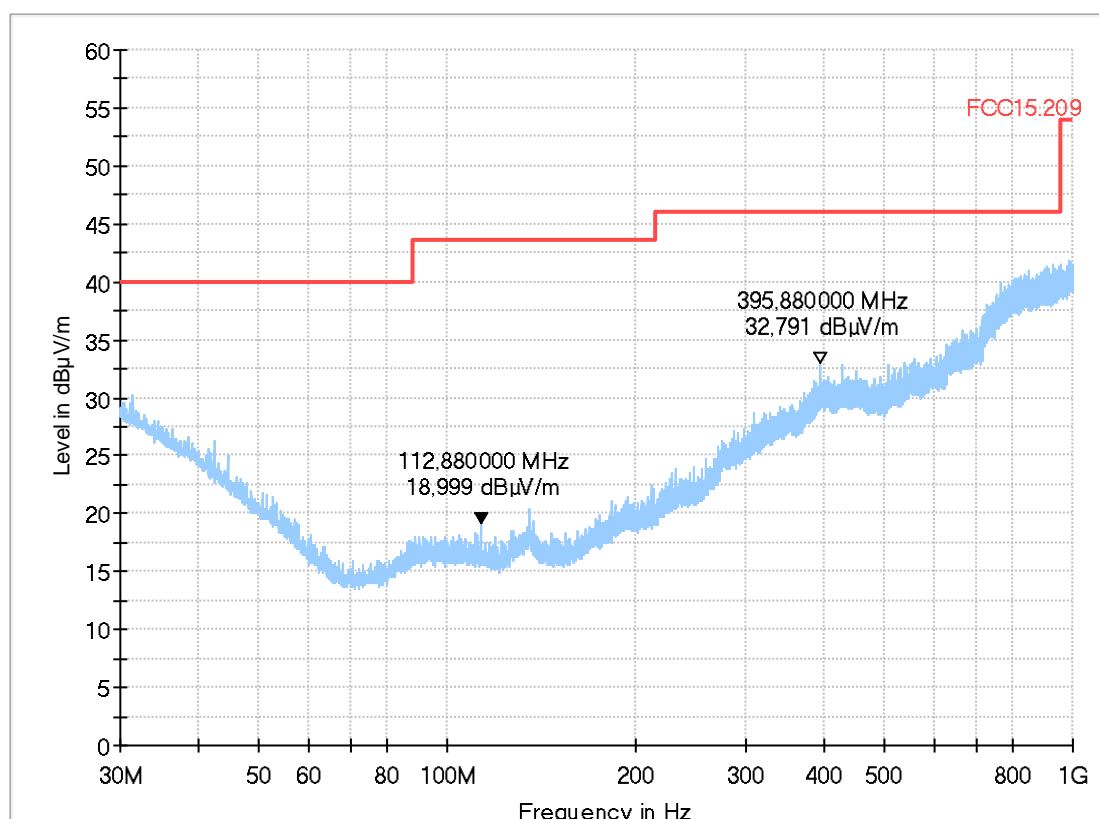
3.16b_n-mode_MCS3_ch151

Test description:	12.11.2018 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
Distance correction:	EMC32 V9.25.0
Used filter:	not used
Technical Data:	not used
Test specification.:	please see page 2 for detailed data of measurement setup
Operatingmode:	FCC 15.209; RSS-Gen: Issue 3
Operator:	n-mode HT40 MCS3 ch151
Operating conditions:	MBe
Comment 1:	Humidity: 48%rH; Temperature: 20°C
	standing

EUT Information

Model:	Manufacturer: Robert Bosch Car Multimedia GmbH
Type:	AIVIV20
	Navigations- und Multimediagerät
EUT:	FCC
HW version:	tbd
SW version: 283C37820R	283C37820R
SVN:	-
Config:	-
Serial number:	0005111
Connected Interfaces:	-
Power Supply:	-
Comments:	-

Full Spectrum



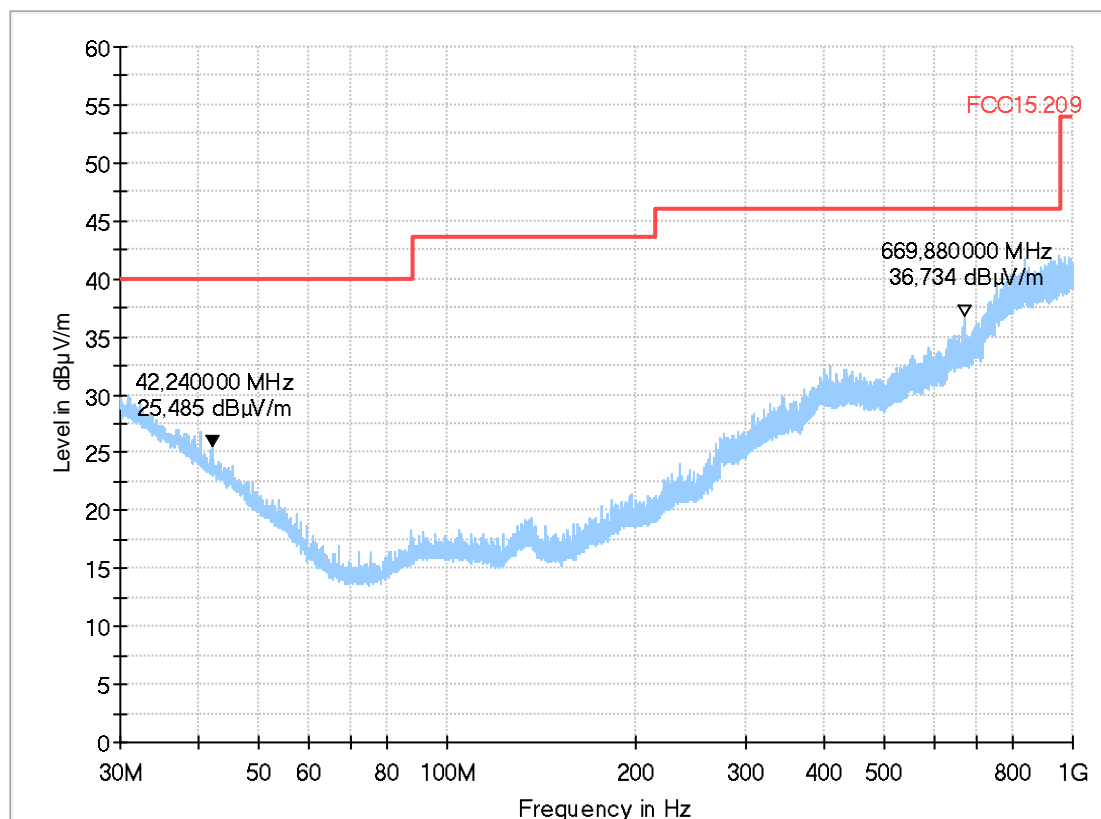
3.17a_ac-mode_MCS4_ch046

Test description:	12.11.2018 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
Distance correction:	EMC32 V9.25.0
Used filter:	not used
Technical Data:	not used
Test specification.:	please see page 2 for detailed data of measurement setup
Operatingmode:	FCC 15.209; RSS-Gen: Issue 3
Operator:	ac-mode HT40 MCS4 ch046
Operating conditions:	MBe
Comment 1:	Humidity: 48%rH; Temperature: 20°C
	laying

EUT Information

Model:	Manufacturer:Robert Bosch Car Multimedia GmbH
Type:	AIVIV20
	Navigations- und Multimediagerät
EUT:	FCC
HW version:	tbd
SW version:283C37820R	283C37820R
SVN:	-
Config:	-
Serial number:	0005111
Connected Interfaces:	-
Power Supply:	-
Comments:	-

Full Spectrum



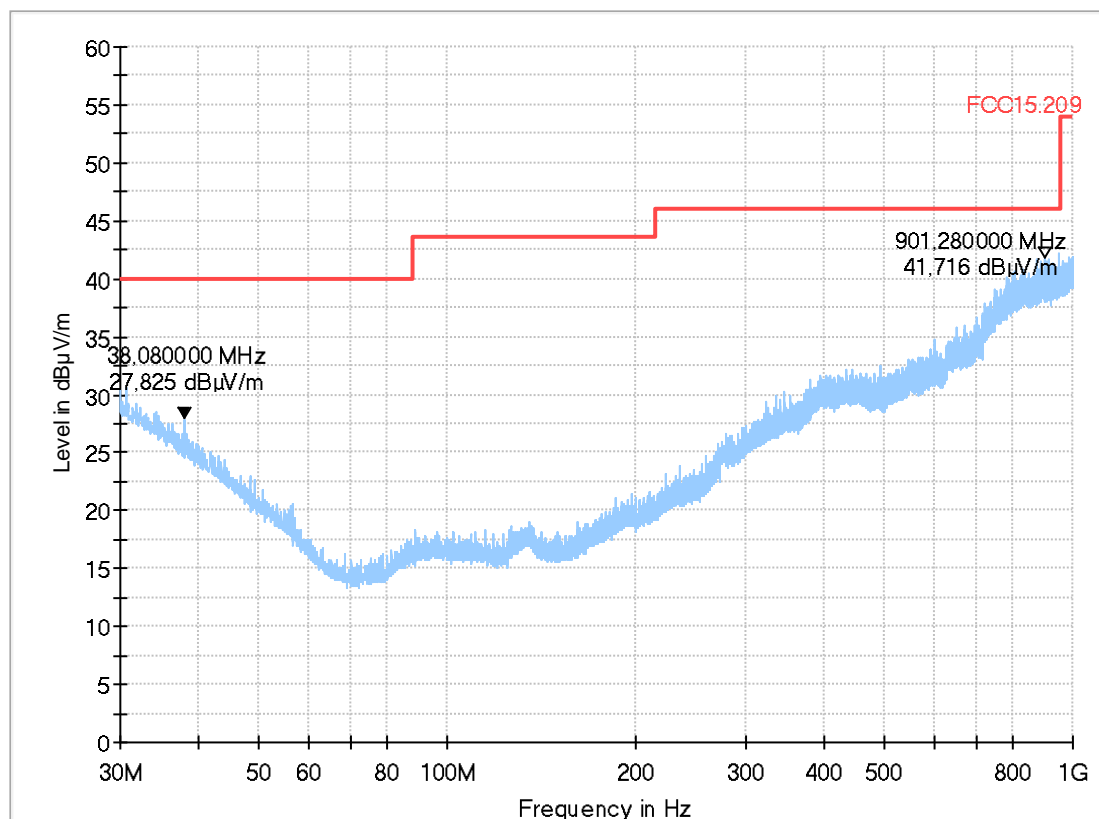
3.17b_ac-mode_MCS4_ch046

Test description:	12.11.2018 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
Distance correction:	EMC32 V9.25.0
Used filter:	not used
Technical Data:	not used
Test specification.:	please see page 2 for detailed data of measurement setup
Operatingmode:	FCC 15.209; RSS-Gen: Issue 3
Operator:	ac-mode HT40 MCS4 ch046
Operating conditions:	MBe
Comment 1:	Humidity: 48%rH; Temperature: 20°C
	standing

EUT Information

Model:	Manufacturer:Robert Bosch Car Multimedia GmbH
Type:	AIVIV20
	Navigations- und Multimediagerät
EUT:	FCC
HW version:	tbd
SW version:283C37820R	283C37820R
SVN:	-
Config:	-
Serial number:	0005111
Connected Interfaces:	-
Power Supply:	-
Comments:	-

Full Spectrum



3.18a_ac-mode_MCS4_ch062

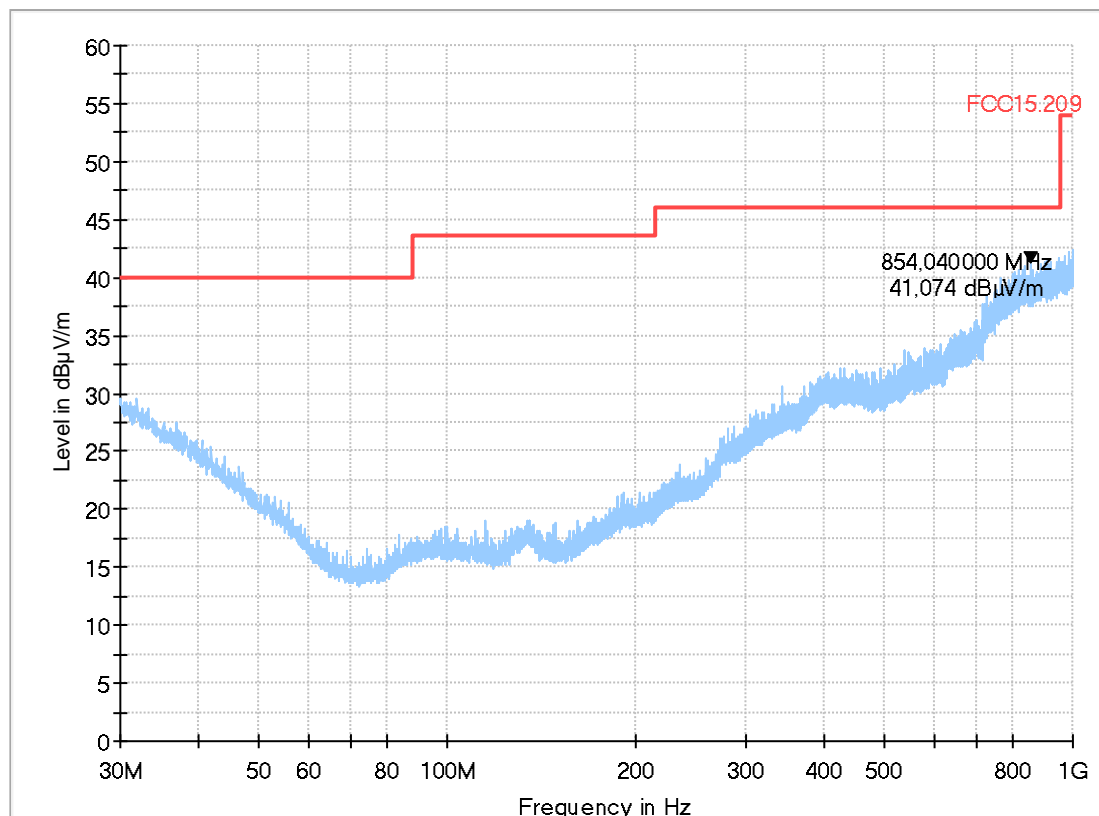
Common Information

Test description:	Electric Field Strength Measurement
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC.V9.25.00
Distance correction:	not used
Used filter:	not used
Technical Data:	please see page 2 for detailed data of measurement setup
Test specification.:	FCC 15.209; RSS-Gen: Issue 3
Operatingmode:	ac-mode HT40 MCS4 ch062
Operator:	MBe
Operating conditions:	Humidity: 48%rH; Temperature: 20°C
Comment 1:	laying

EUT Information

Model:	Manufacturer:Robert Bosch Car Multimedia GmbH
Type:	AIVIV20
	Navigations- und Multimediagerät
EUT:	FCC
HW version:	tbd
SW version:283C37820R	283C37820R
SVN:	-
Config:	-
Serial number:	0005111
Connected Interfaces:	-
Power Supply:	-
Comments:	-

Full Spectrum



3.18b_ac-mode_MCS4_ch062

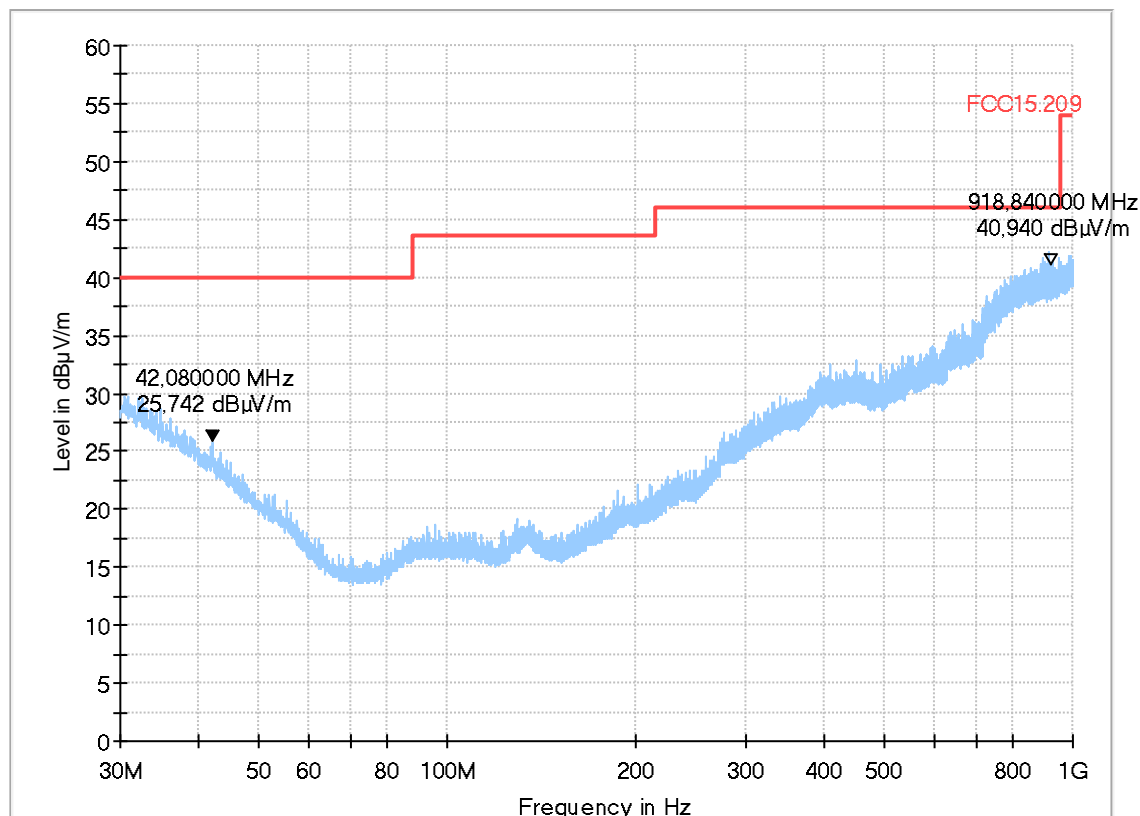
Common Information

Test description:	Electric Field Strength Measurement
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC.V9.25.00
Distance correction:	not used
Used filter:	not used
Technical Data:	please see page 2 for detailed data of measurement setup
Test specification.:	FCC 15.209; RSS-Gen: Issue 3
Operatingmode:	ac-mode HT40 MCS4 ch062
Operator:	MBe
Operating conditions:	Humidity: 48%rH; Temperature: 20°C
Comment 1:	standing

EUT Information

Model:	Manufacturer:Robert Bosch Car Multimedia GmbH
Type:	AIVIV20
	Navigations- und Multimediagerät
EUT:	FCC
HW version:	tbd
SW version:283C37820R	283C37820R
SVN:	-
Config:	-
Serial number:	0005111
Connected Interfaces:	-
Power Supply:	-
Comments:	-

Full Spectrum



3.19a_ac-mode_MCS4_ch134

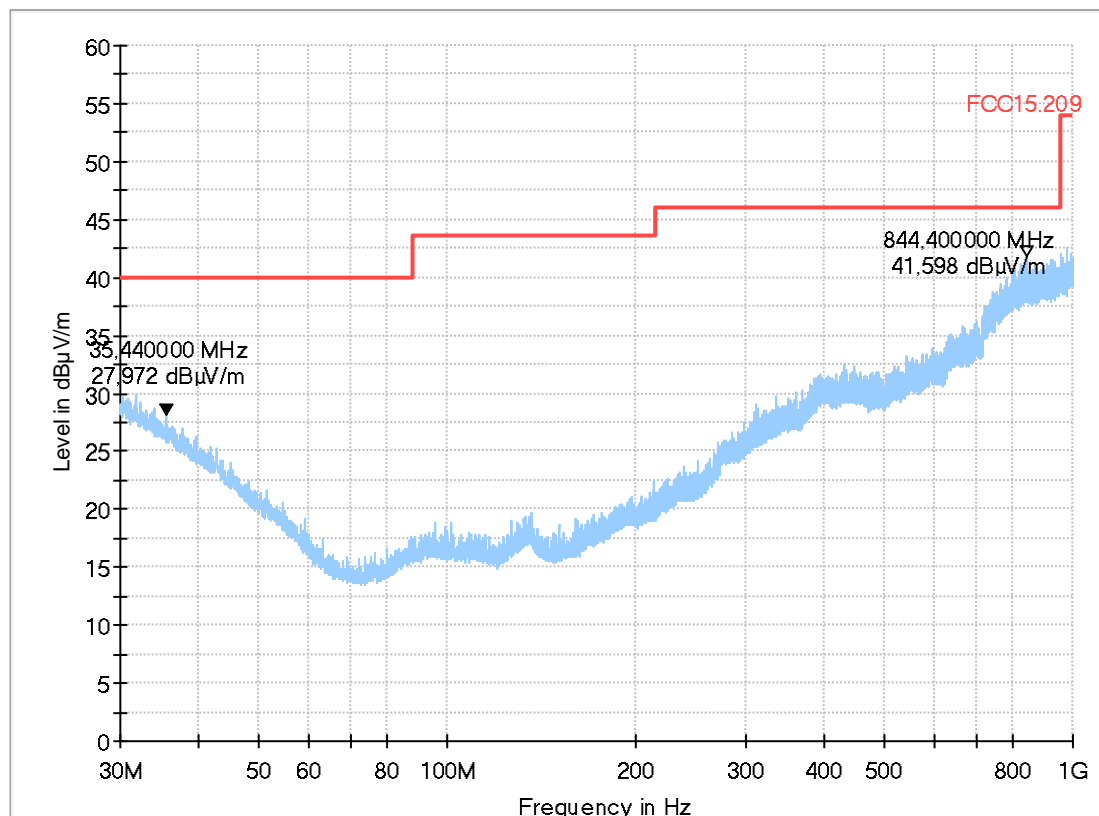
Common Information

Test description:	Electric Field Strength Measurement
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC.V9.25.00
Distance correction:	not used
Used filter:	not used
Technical Data:	please see page 2 for detailed data of measurement setup
Test specification.:	FCC 15.209; RSS-Gen: Issue 3
Operatingmode:	ac-mode HT40 MCS4 ch134
Operator:	MBe
Operating conditions:	Humidity: 48%rH; Temperature: 20°C
Comment 1:	laying

EUT Information

Model:	Manufacturer:Robert Bosch Car Multimedia GmbH
Type:	AIVIV20
	Navigations- und Multimediagerät
EUT:	FCC
HW version:	tbd
SW version:283C37820R	283C37820R
SVN:	-
Config:	-
Serial number:	0005111
Connected Interfaces:	-
Power Supply:	-
Comments:	-

Full Spectrum



3.19b_ac-mode_MCS4_ch134

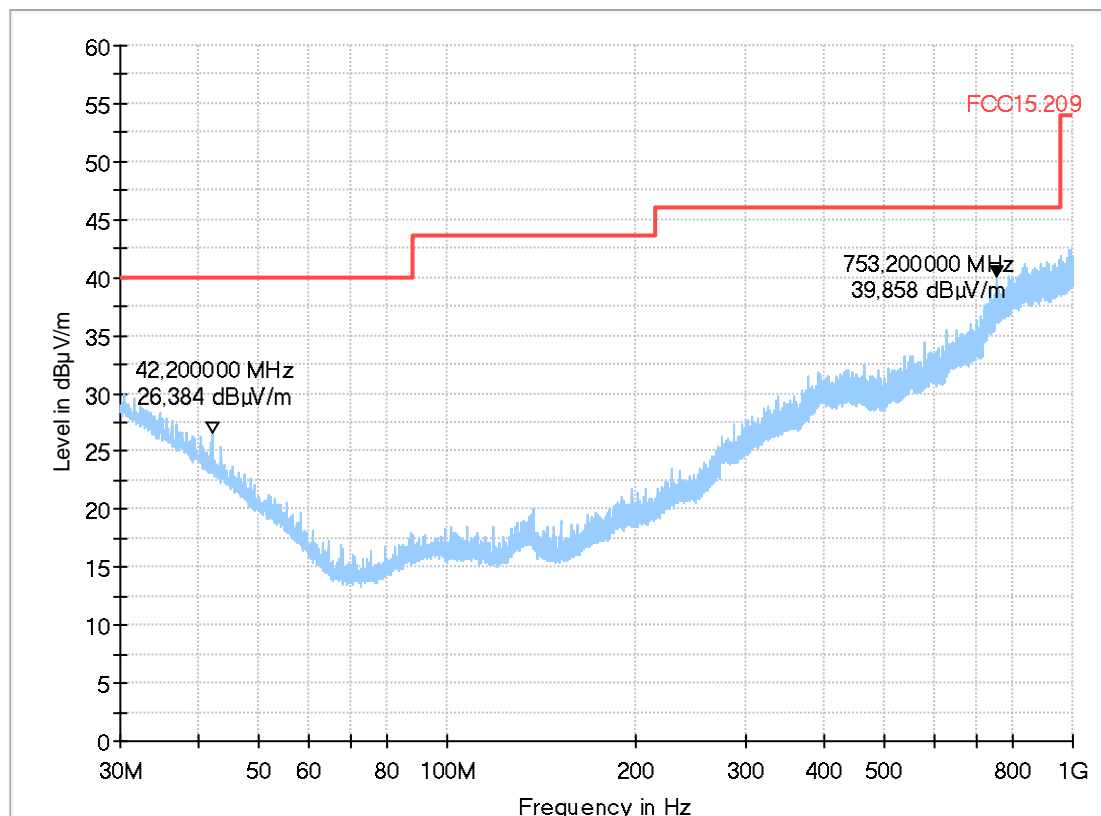
Common Information

Test description:	Electric Field Strength Measurement
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC.V9.25.00
Distance correction:	not used
Used filter:	not used
Technical Data:	please see page 2 for detailed data of measurement setup
Test specification.:	FCC 15.209; RSS-Gen: Issue 3
Operatingmode:	ac-mode HT40 MCS4 ch134
Operator:	MBe
Operating conditions:	Humidity: 48%rH; Temperature: 20°C
Comment 1:	standing

EUT Information

Model:	Manufacturer:Robert Bosch Car Multimedia GmbH
Type:	AIVIV20
	Navigations- und Multimediagerät
EUT:	FCC
HW version:	tbd
SW version:283C37820R	283C37820R
SVN:	-
Config:	-
Serial number:	0005111
Connected Interfaces:	-
Power Supply:	-
Comments:	-

Full Spectrum



3.20a_ac-mode_MCS4_ch159

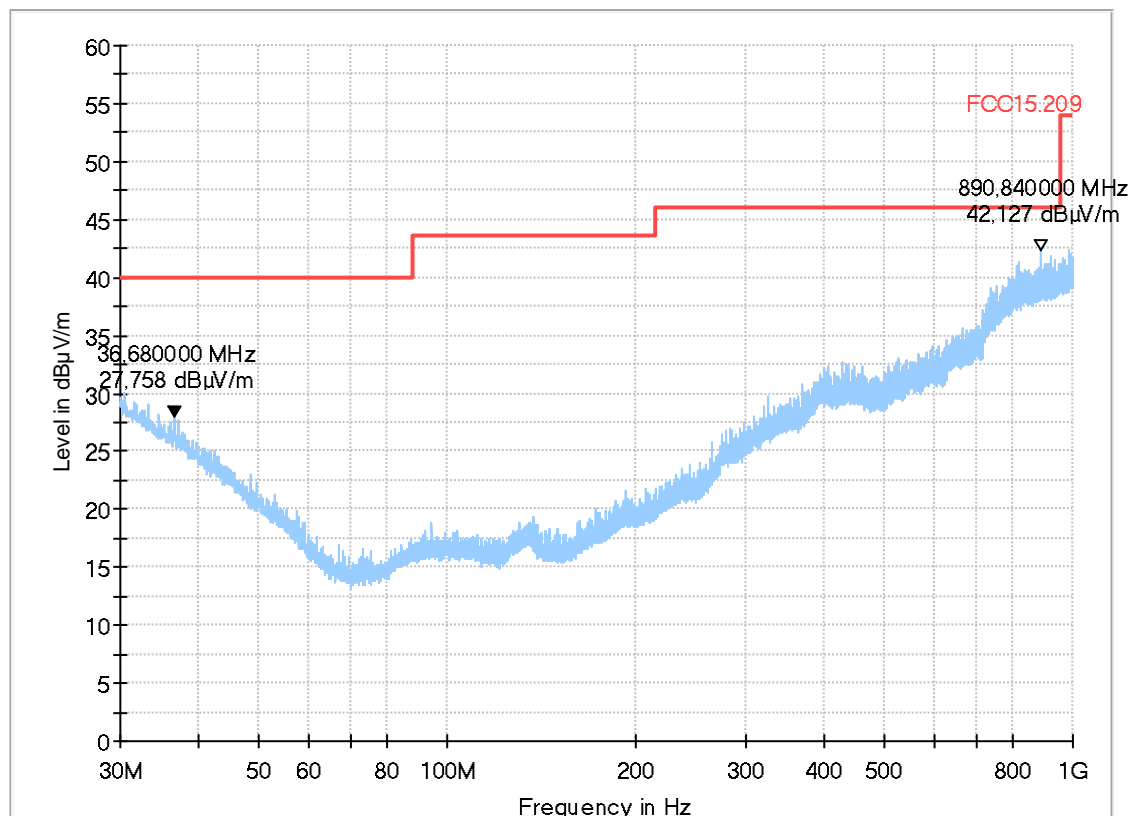
Common Information

Test description:	Electric Field Strength Measurement
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC.V9.25.00
Distance correction:	not used
Used filter:	not used
Technical Data:	please see page 2 for detailed data of measurement setup
Test specification.:	FCC 15.209; RSS-Gen: Issue 3
Operatingmode:	ac-mode HT40 MCS4 ch159
Operator:	MBe
Operating conditions:	Humidity: 48%rH; Temperature: 20°C
Comment 1:	laying

EUT Information

Model:	Manufacturer:Robert Bosch Car Multimedia GmbH
Type:	AIVIV20
	Navigations- und Multimediagerät
EUT:	FCC
HW version:	tbd
SW version:283C37820R	283C37820R
SVN:	-
Config:	-
Serial number:	0005111
Connected Interfaces:	-
Power Supply:	-
Comments:	-

Full Spectrum



3.20b_ac-mode_MCS4_ch159

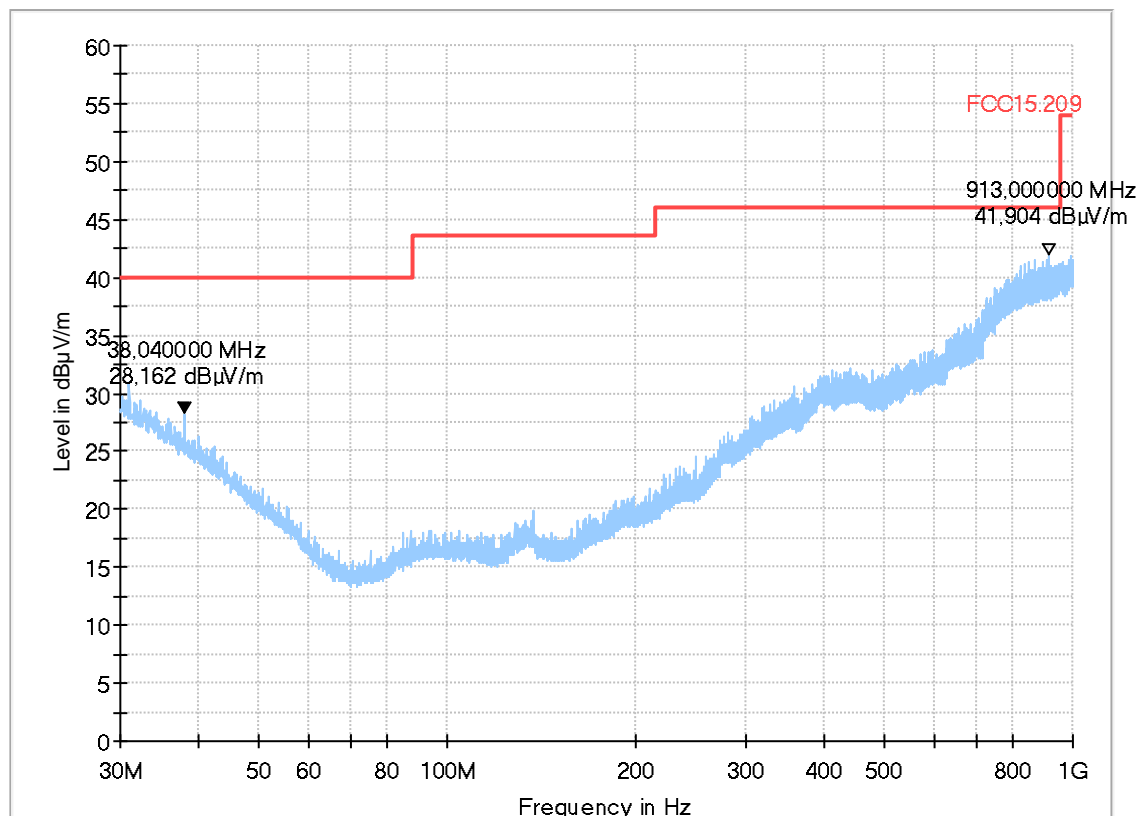
Common Information

Test description:	Electric Field Strength Measurement
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC.V9.25.00
Distance correction:	not used
Used filter:	not used
Technical Data:	please see page 2 for detailed data of measurement setup
Test specification.:	FCC 15.209; RSS-Gen: Issue 3
Operatingmode:	ac-mode HT40 MCS4 ch159
Operator:	MBe
Operating conditions:	Humidity: 48%rH; Temperature: 20°C
Comment 1:	standing

EUT Information

Model:	Manufacturer:Robert Bosch Car Multimedia GmbH
Type:	AIVIV20
	Navigations- und Multimediagerät
EUT:	FCC
HW version:	tbd
SW version:283C37820R	283C37820R
SVN:	-
Config:	-
Serial number:	0005111
Connected Interfaces:	-
Power Supply:	-
Comments:	-

Full Spectrum



3.21a_ac-mode_MCS1_ch042

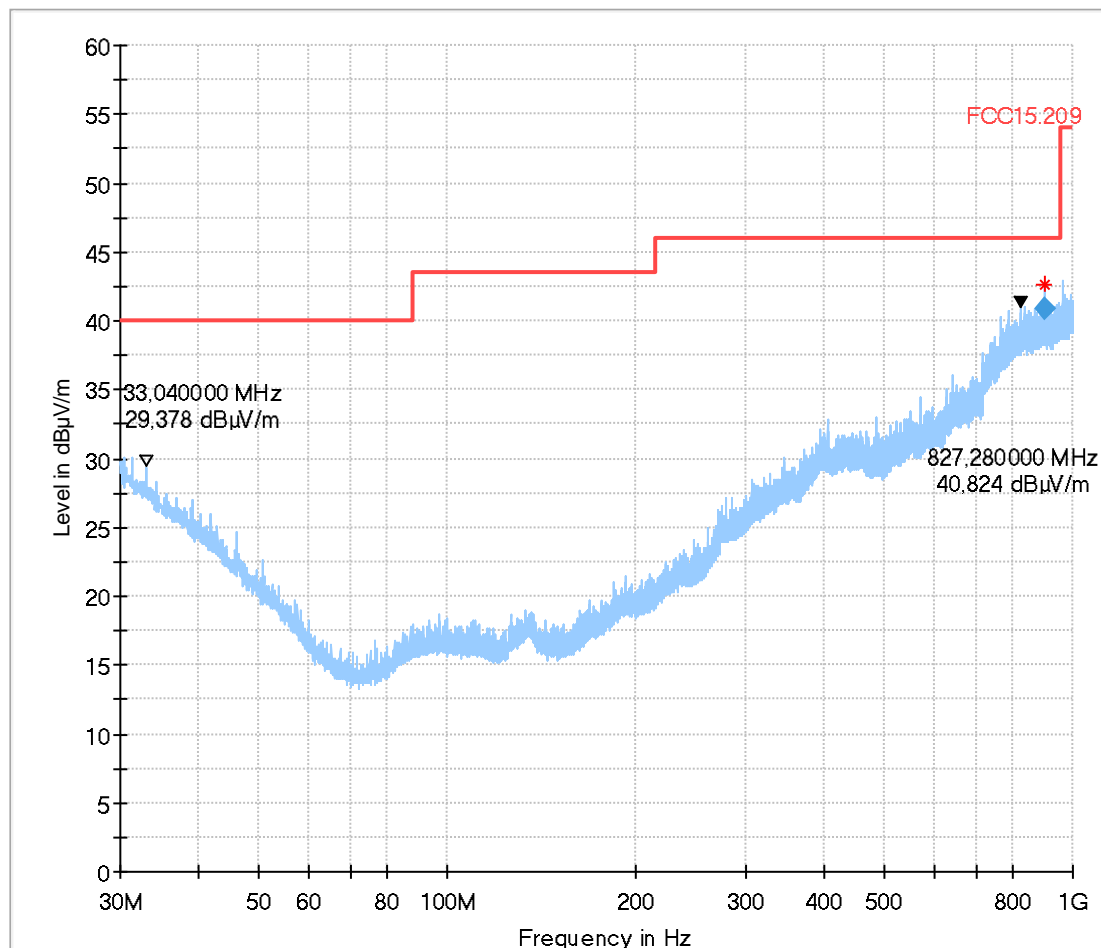
Common Information

Test description:	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
Distance correction:	not used
Used filter:	not used
Technical Data:	please see page 2 for detailed data of measurement setup
Test specification.:	FCC 15.209; RSS-Gen: Issue 3
Operating Mode	ac-mode HT80 MCS1 ch042
Operator:	MSo/YBo
Comment 1:	laying

EUT Information

Model:	Manufacturer: Robert Bosch Car Multimedia GmbH
Type:	AIVIV20
EUT:	Navigations- und Multimediagerät
HW version:	FCC
SW version: 283C37820R	tbd
Serial number:	283C37820R
	0005111

Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
902.432000	40.87	46.00	5.13	1000.0	120.000	307.0	H	283.0	26.8

3.21b_ac-mode_MCS1_ch042

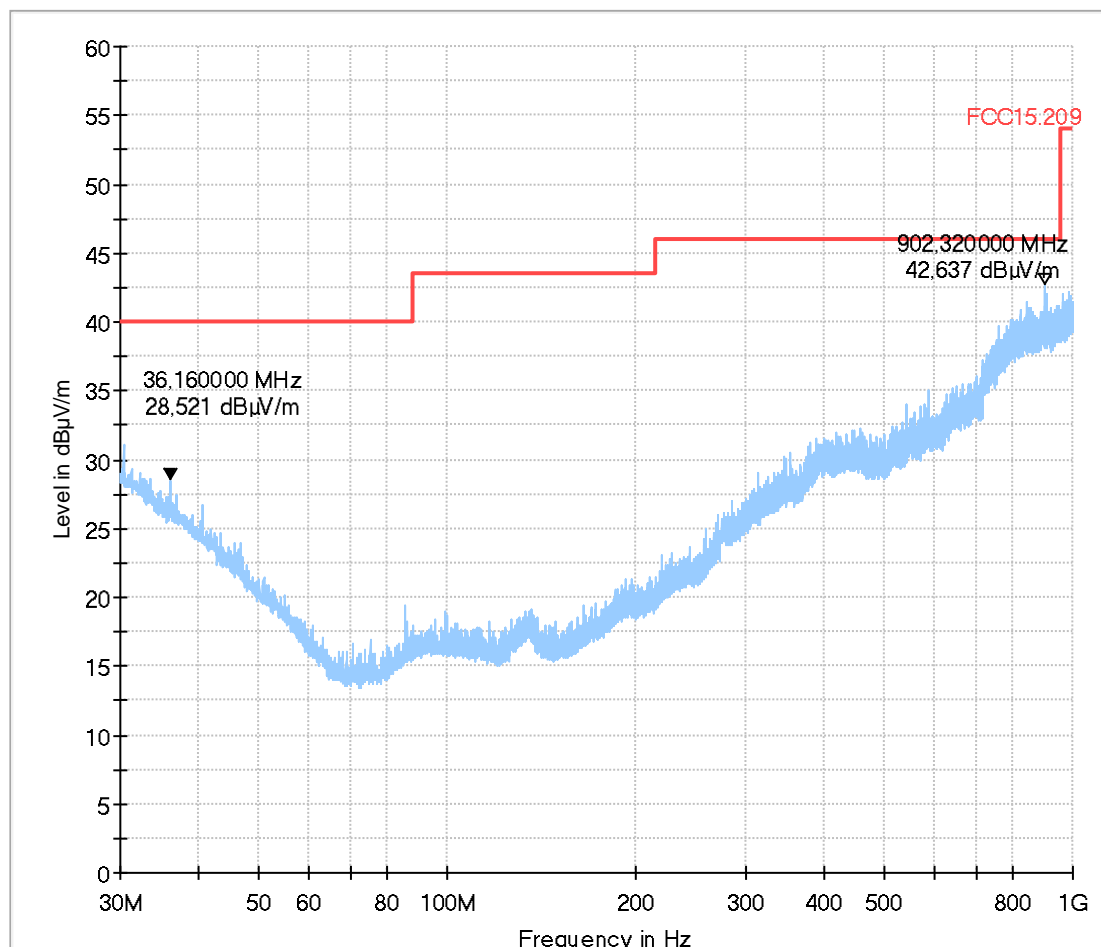
Common Information

Test description:	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
Distance correction:	not used
Used filter:	not used
Technical Data:	please see page 2 for detailed data of measurement setup
Test specification.:	FCC 15.209; RSS-Gen: Issue 3
Operating Mode	ac-mode HT80 MCS1 ch042
Operator:	MSo/YBo
Comment 1:	Standing

EUT Information

Model:	Manufacturer:Robert Bosch Car Multimedia GmbH
Type:	AIVIV20
EUT:	Navigations- und Multimediagerät
HW version:	FCC
SW version:283C37820R	tbd
SVN:	283C37820R
Config:	-
Serial number:	0005111
Connected Interfaces:	-
Power Supply:	-
Comments:	-

Full Spectrum



3.22a_ac-mode_MCS1_ch58

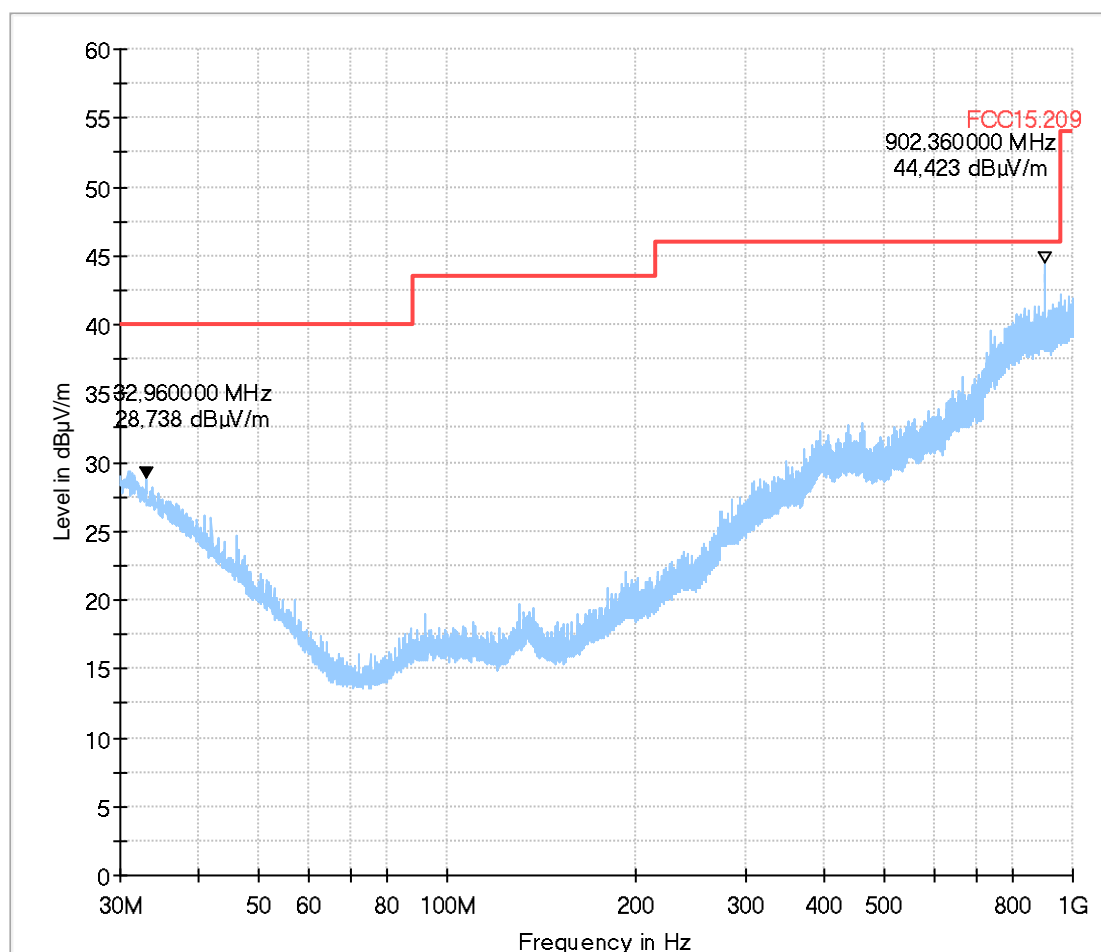
Common Information

Test description:	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
Distance correction:	not used
Used filter:	not used
Technical Data:	please see page 2 for detailed data of measurement setup
Test specification.:	FCC 15.209; RSS-Gen: Issue 3
Operating Mode	ac-mode HT80 MCS1 ch042
Operator:	MSo/YBo
Comment 1:	laying

EUT Information

Model:	Manufacturer: Robert Bosch Car Multimedia GmbH
Type:	AIVIV20
	Navigations- und Multimediagerät
EUT:	FCC
HW version:	tbd
SW version: 283C37820R	283C37820R
SVN:	-
Config:	-
Serial number:	0005111
Connected Interfaces:	-
Power Supply:	-
Comments:	-

Full Spectrum



3.22b_ac-mode_MCS1_ch58

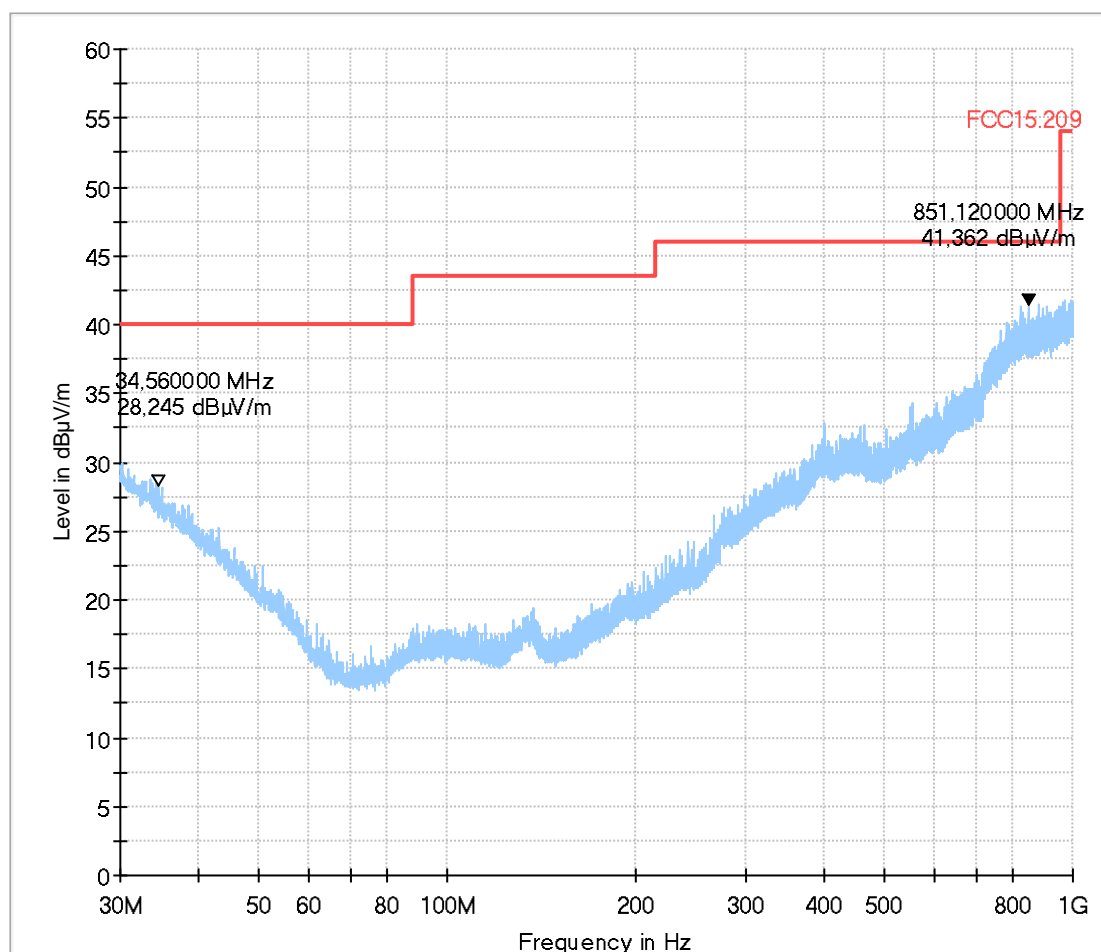
Common Information

Test description:	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
Distance correction:	not used
Used filter:	not used
Technical Data:	please see page 2 for detailed data of measurement setup
Test specification.:	FCC 15.209; RSS-Gen: Issue 3
Operating Mode	ac-mode HT80 MCS1 ch042
Operator:	MSo/YBo
Comment 1:	Standing

EUT Information

Model:	Manufacturer: Robert Bosch Car Multimedia GmbH
Type:	AIVIV20
	Navigations- und Multimediagerät
EUT:	FCC
HW version:	tbd
SW version: 283C37820R	283C37820R
SVN:	-
Config:	-
Serial number:	0005111
Connected Interfaces:	-
Power Supply:	-
Comments:	-

Full Spectrum



3.23a_ac-mode_MCS1_ch106

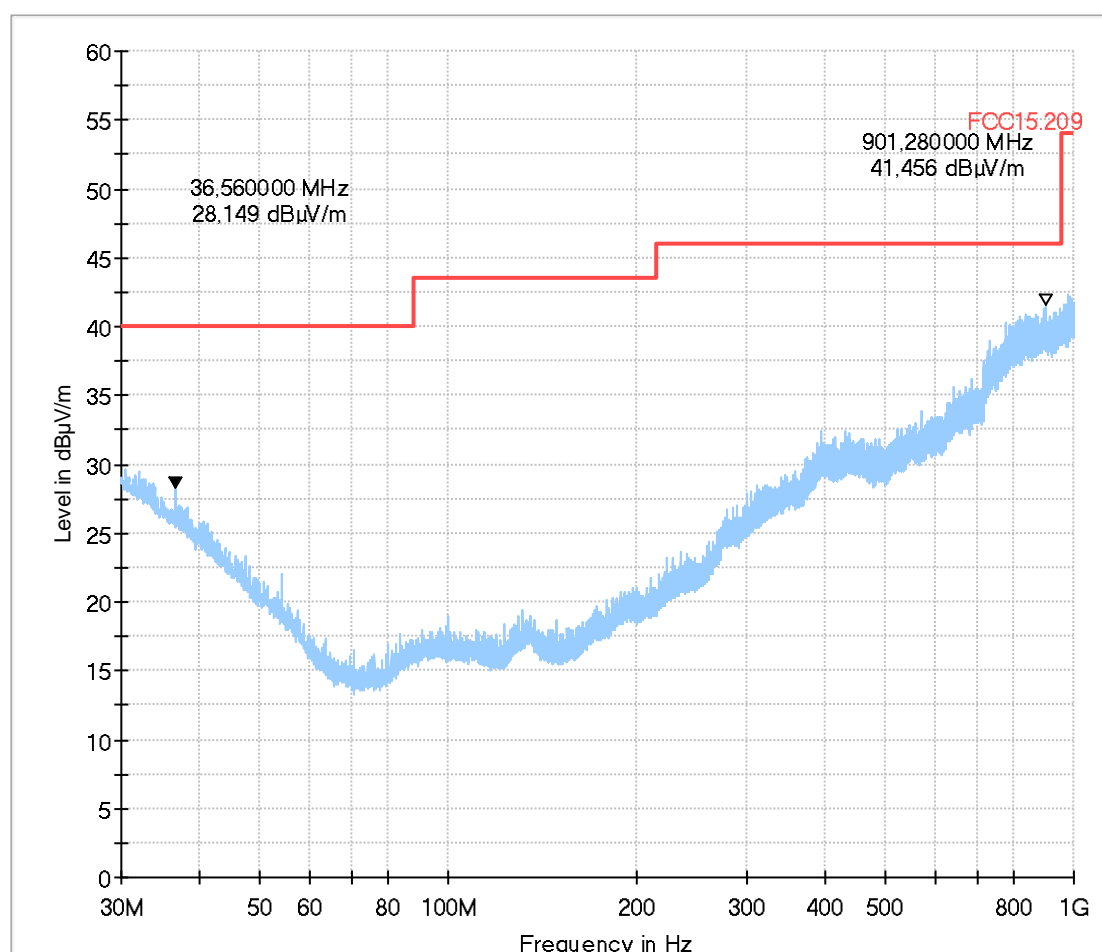
Common Information

Test description:	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
Distance correction:	not used
Used filter:	not used
Technical Data:	please see page 2 for detailed data of measurement setup
Test specification.:	FCC 15.209; RSS-Gen: Issue 3
Operating Mode	ac-mode HT80 MCS1 ch106
Operator:	TFR
Comment 1:	laying

EUT Information

Model:	Manufacturer: Robert Bosch Car Multimedia GmbH
Type:	AIVIV20
	Navigations- und Multimediagerät
EUT:	FCC
HW version:	tbd
SW version: 283C37820R	283C37820R
SVN:	-
Config:	-
Serial number:	0005111
Connected Interfaces:	-
Power Supply:	-
Comments:	-

Full Spectrum



3.23b_ac-mode_MCS1_ch106

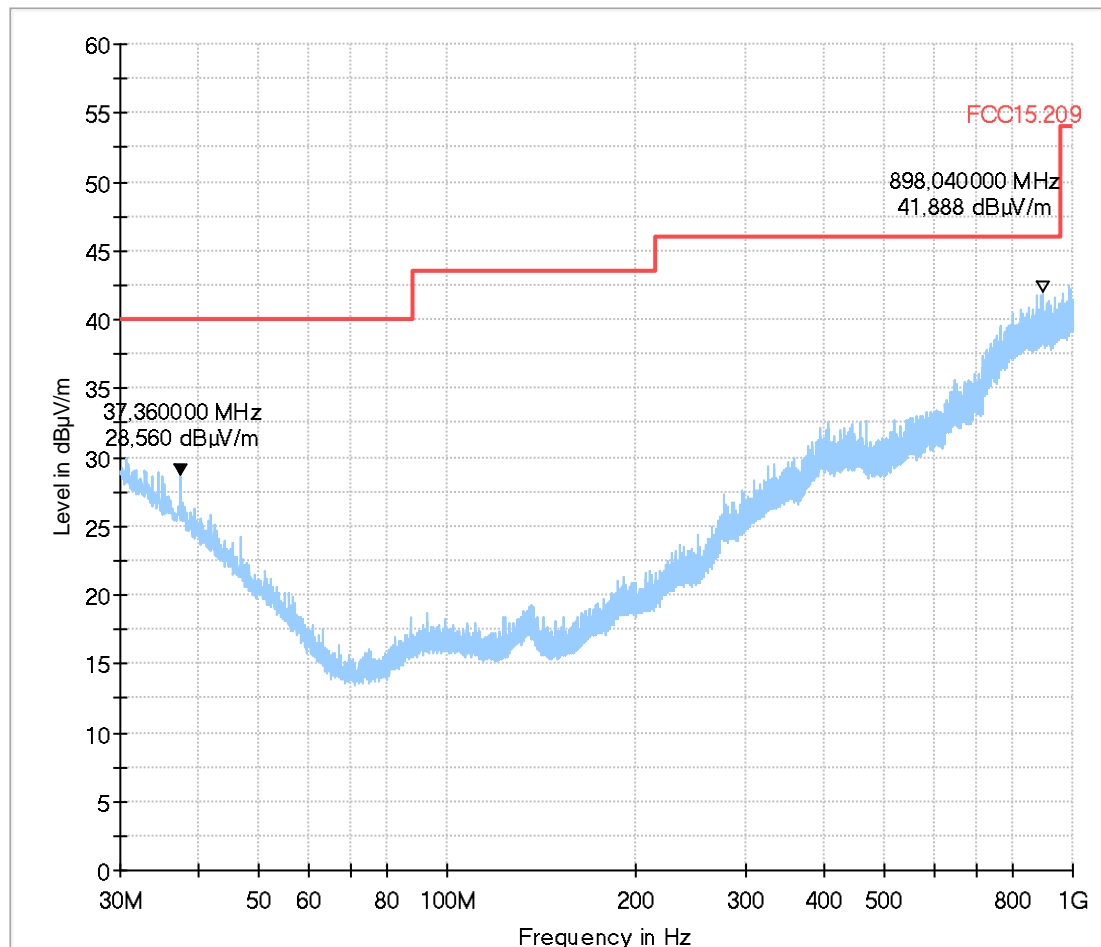
Common Information

Test description:	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
Distance correction:	not used
Used filter:	not used
Technical Data:	please see page 2 for detailed data of measurement setup
Test specification.:	FCC 15.209; RSS-Gen: Issue 3
Operating Mode	ac-mode HT80 MCS1 ch106
Operator:	TFr
Comment 1:	standing

EUT Information

Model:	Manufacturer: Robert Bosch Car Multimedia GmbH
Type:	AIVIV20
	Navigations- und Multimediagerät
EUT:	FCC
HW version:	tbd
SW version: 283C37820R	283C37820R
SVN:	-
Config:	-
Serial number:	0005111
Connected Interfaces:	-
Power Supply:	-
Comments:	-

Full Spectrum



3.24a_ac-mode_MCS1_ch155

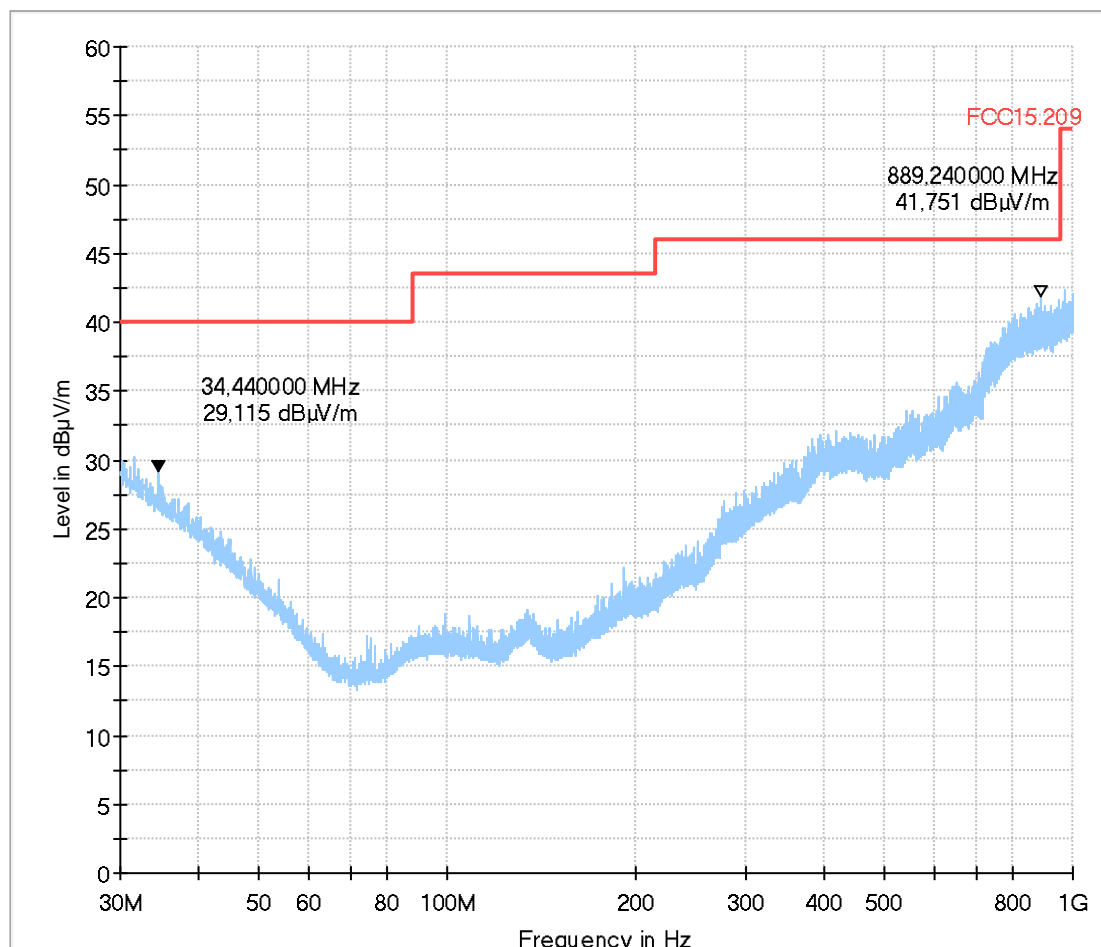
Common Information

Test description:	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
Distance correction:	not used
Used filter:	not used
Technical Data:	please see page 2 for detailed data of measurement setup
Test specification.:	FCC 15.209; RSS-Gen: Issue 3
Operating Mode	ac-mode HT80 MCS1 ch155
Operator:	TFR
Comment 1:	laying

EUT Information

Model:	Manufacturer: Robert Bosch Car Multimedia GmbH
Type:	AIVIV20
	Navigations- und Multimediagerät
EUT:	FCC
HW version:	tbd
SW version: 283C37820R	283C37820R
SVN:	-
Config:	-
Serial number:	0005111
Connected Interfaces:	-
Power Supply:	-
Comments:	-

Full Spectrum



3.24b_ac-mode_MCS1_ch155

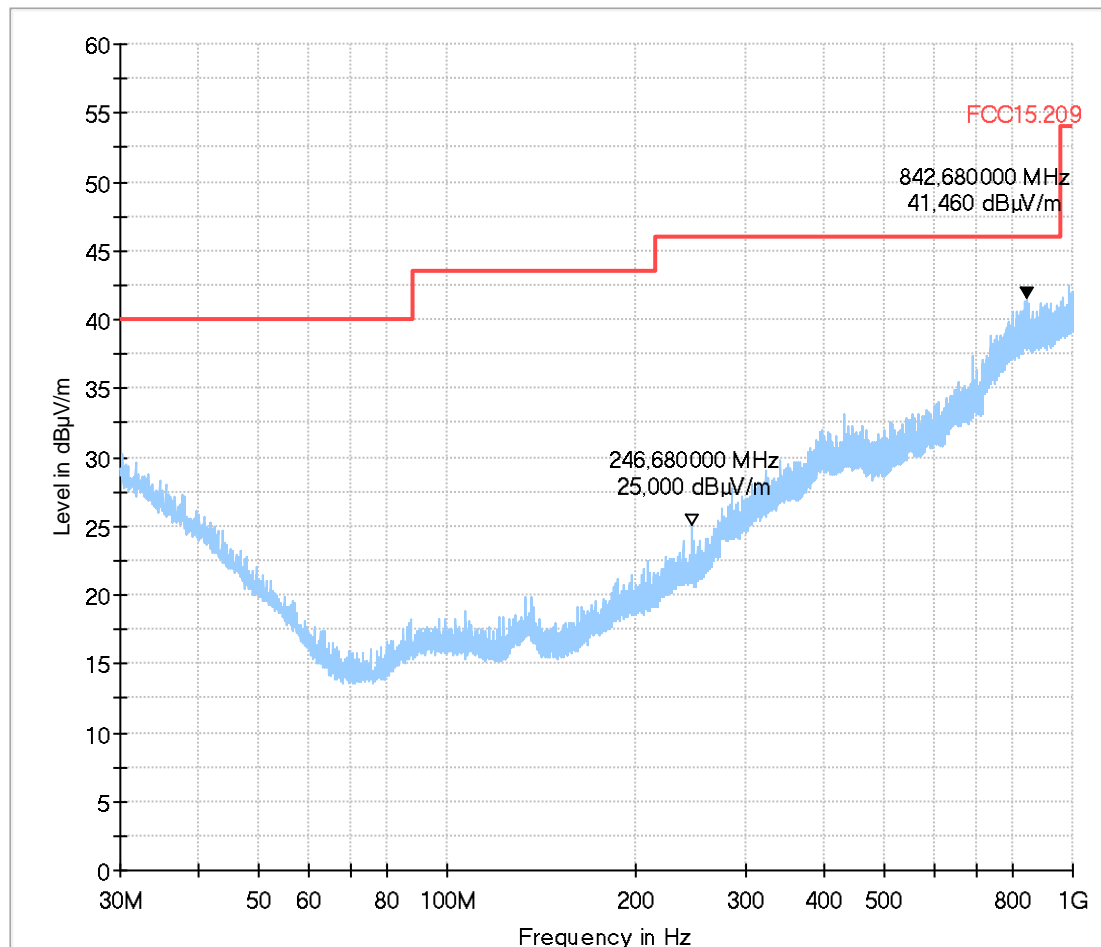
Common Information

Test description:	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
Distance correction:	not used
Used filter:	not used
Technical Data:	please see page 2 for detailed data of measurement setup
Test specification.:	FCC 15.209; RSS-Gen: Issue 3
Operating Mode	ac-mode HT80 MCS1 ch155
Operator:	TFR
Comment 1:	standing

EUT Information

Model:	Manufacturer: Robert Bosch Car Multimedia GmbH
Type:	AIVIV20
	Navigations- und Multimediagerät
EUT:	FCC
HW version:	tbd
SW version: 283C37820R	283C37820R
SVN:	-
Config:	-
Serial number:	0005111
Connected Interfaces:	-
Power Supply:	-
Comments:	-

Full Spectrum



2.3. Radiated electric field measurement 1 GHz to 7 GHz

Diagram No.: 4.01a_a-mode_18MBps_ch036

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operation mode:	TX, continuous
	a-mode 18MBps ch036
Operator Name:	TFr

EUT Information

Model:	Manufacturer:Robert Bosch Car Multimedia GmbH
Type:	AIVIV20
EUT:	Navigations- und Multimediagerät
HW version:	FCC
SW version:283C37820R	tbd
SVN:	283C37820R
Config:	-
Serial number:	0005111

Full Spectrum

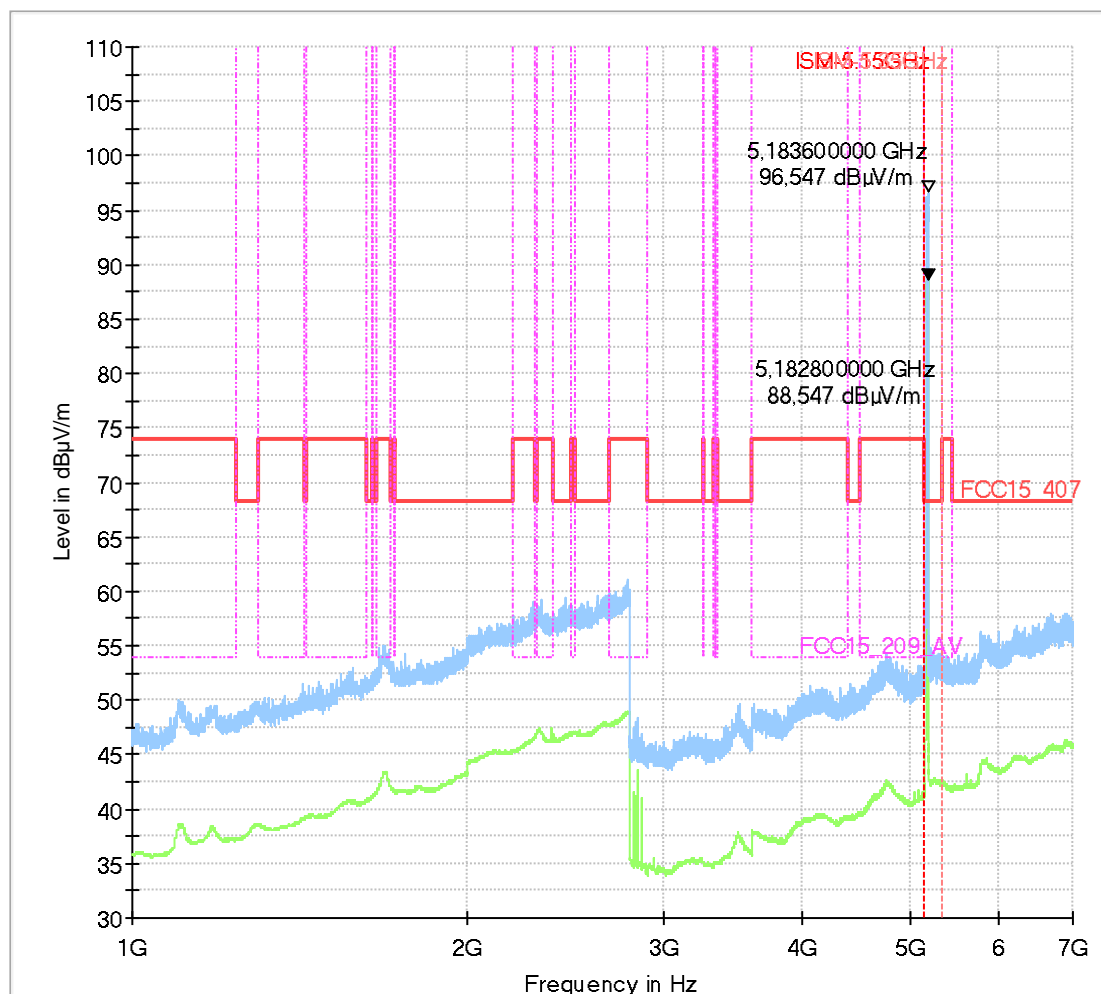


Diagram No.: 4.02a_a-mode_18MBps_ch064

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operation mode:	TX, continuous
	a-mode 18MBps ch064
Operator Name:	TFr

EUT Information

Model:	Manufacturer: Robert Bosch Car Multimedia GmbH
Type:	AIVIV20
	Navigations- und Multimediagerät
EUT:	FCC
HW version:	tbd
SW version: 283C37820R	283C37820R
SVN:	-
Config:	-
Serial number:	0005111
Connected Interfaces:	-
Power Supply:	-
Comments:	-

Full Spectrum

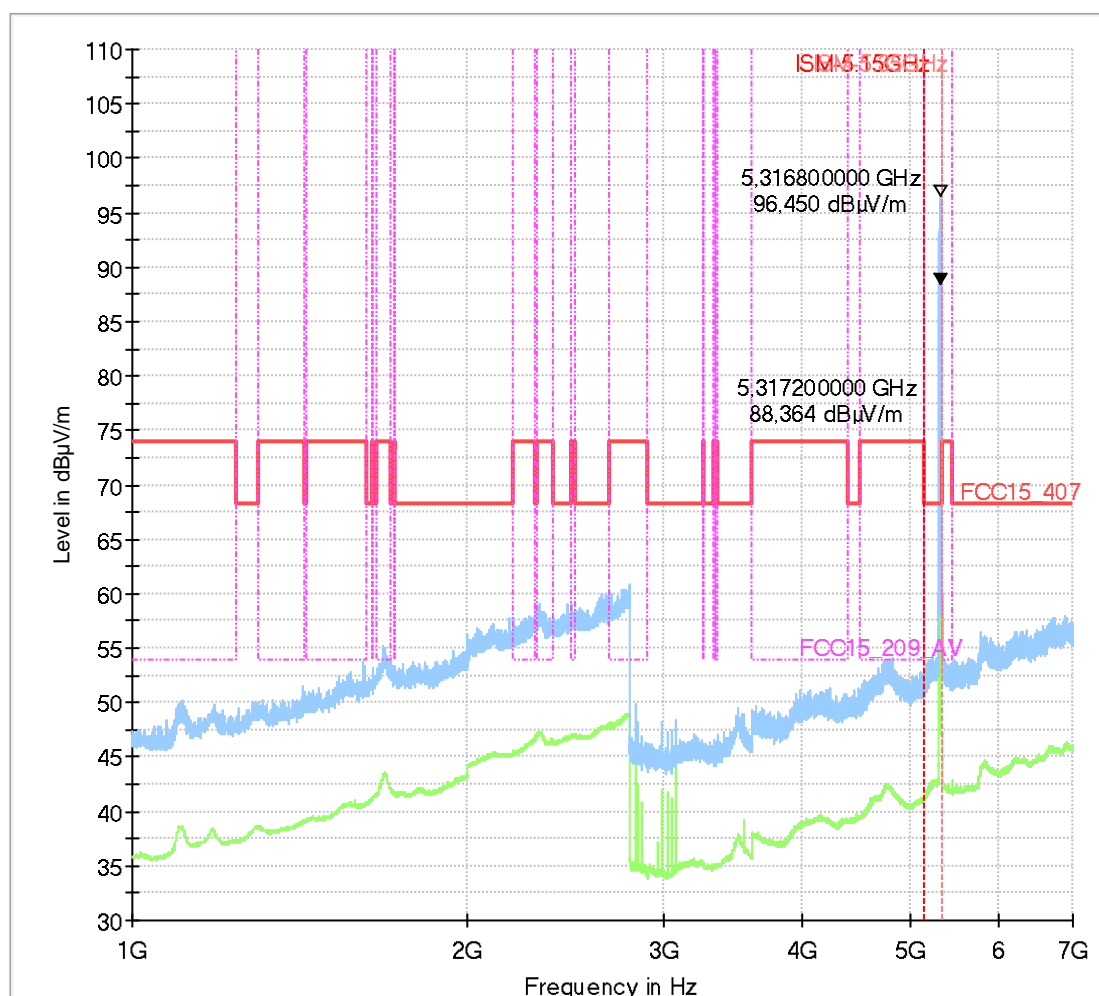


Diagram No.: 4.03a_a-mode_18MBps_ch100

Common Information

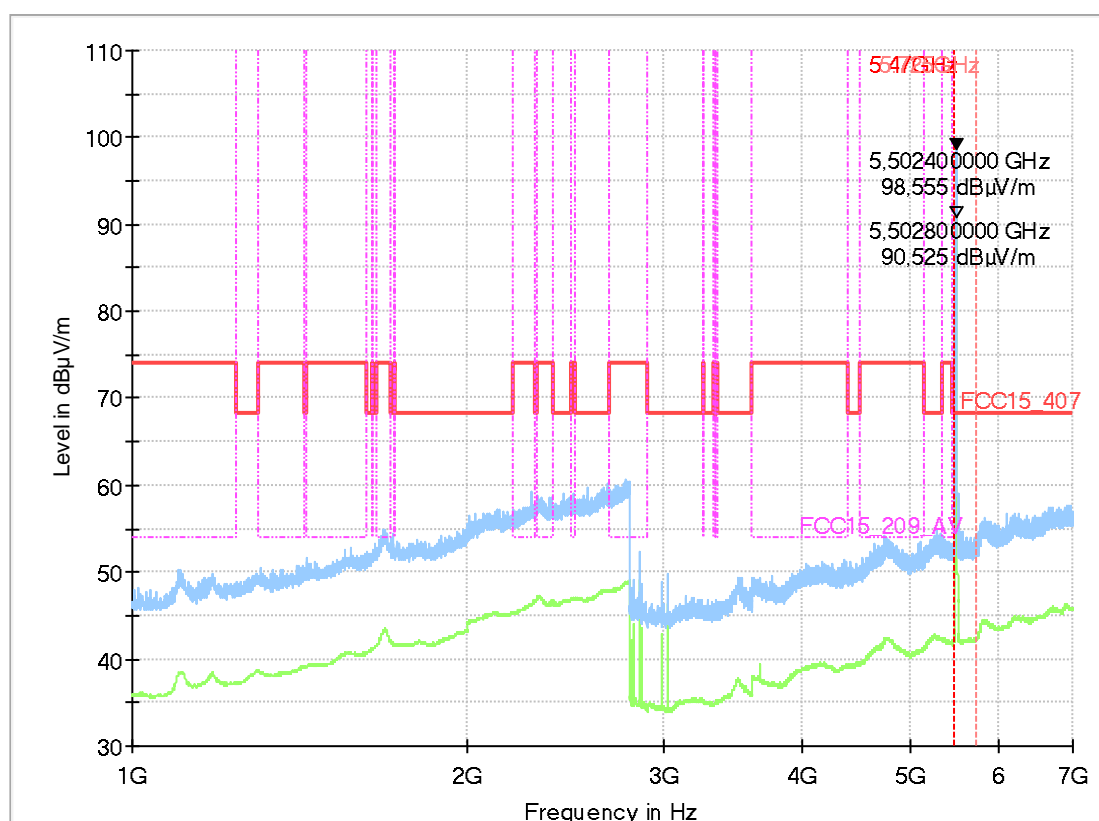
Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operating Mode:	TX, continuous
	a-mode 18MBps ch100
Operator Name:	TFR

EUT Information

Model:	Manufacturer: Robert Bosch Car Multimedia GmbH
Type:	AIVIV20
	Navigations- und Multimediagerät
EUT:	FCC
HW version:	tbd
SW version: 283C37820R	283C37820R
SVN:	-
Config:	-
Serial number:	0005111
Connected Interfaces:	-
Power Supply:	-
Comments:	-

Full Spectrum

Full Spectrum



4.04a_a-mode_18Mbps_ch149

Common Information

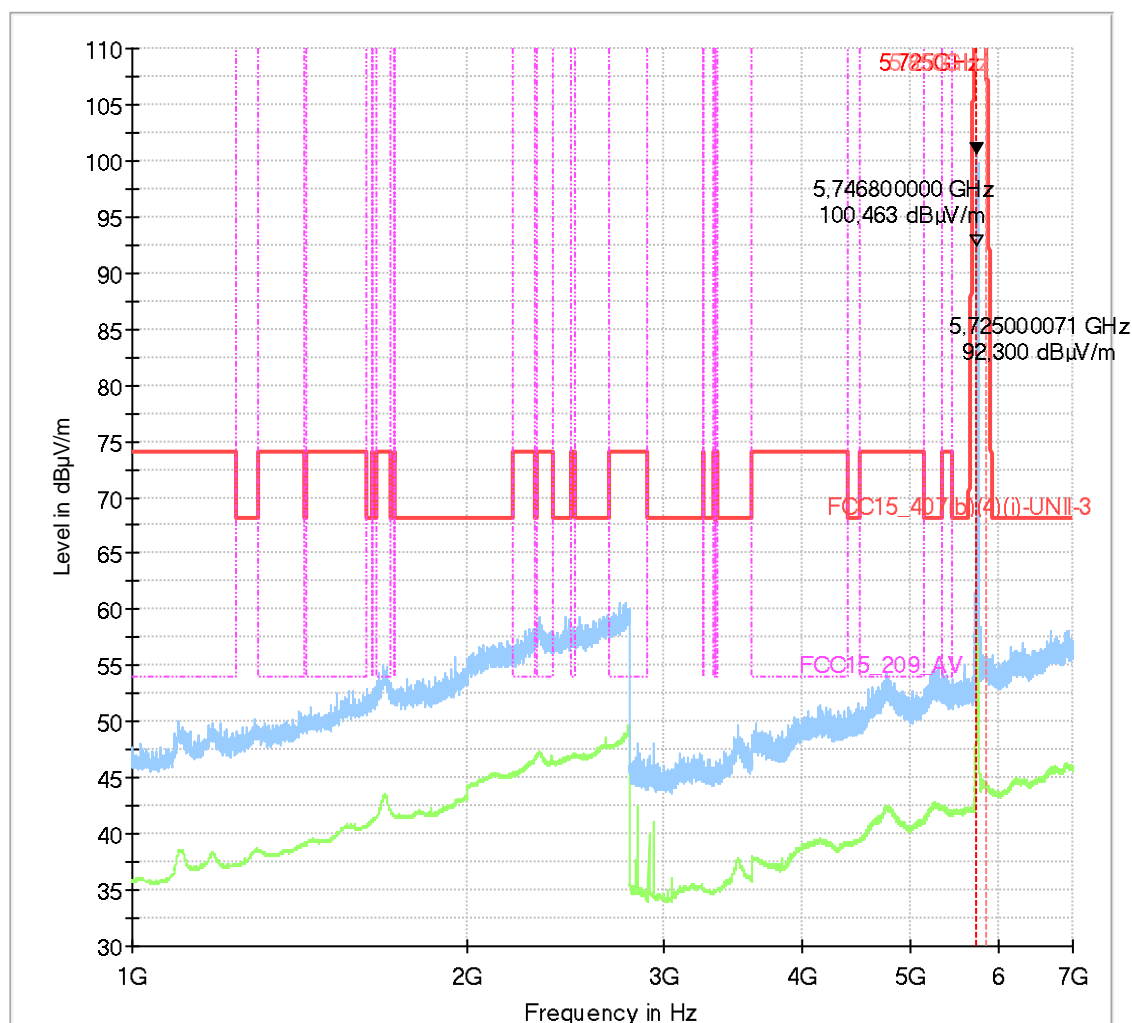
Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operation mode:	a-mode 18Mbps ch149
Operator Name:	SLo

EUT Information

Model:	Manufacturer:Robert Bosch Car Multimedia GmbH
Type:	AIVIV20

EUT:	FCC
HW version:	tbd
SW version:283C37820R	283C37820R
SVN:	-
Config:	-
Serial number:	0005111
Connected Interfaces:	-
Power Supply:	-
Comments:	-

Full Spectrum



4.05a_n-mode_MCS7_ch40

Common Information

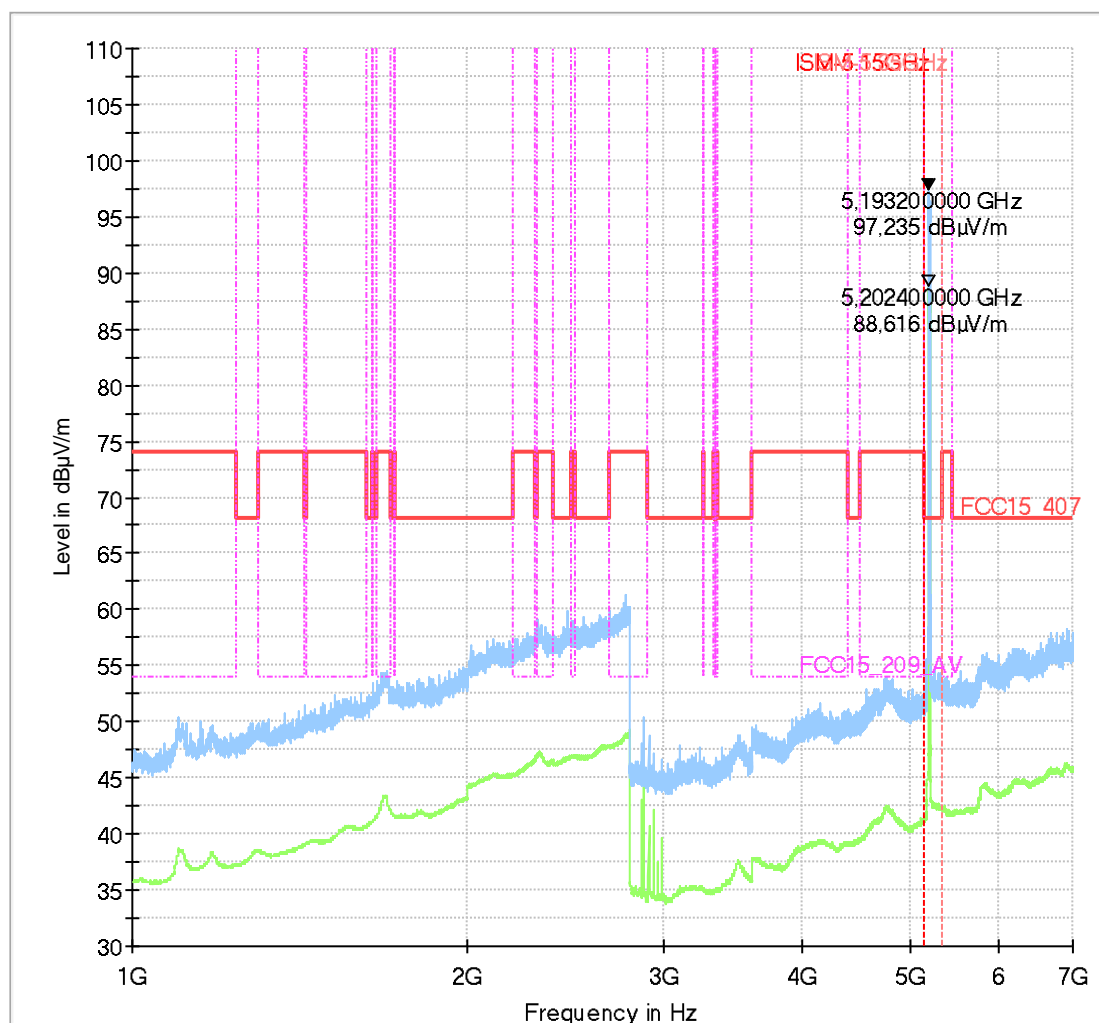
Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operation mode:	n-mode HT20 MCS7 ch40
Operator Name:	SLo

EUT Information

Model:	Manufacturer:Robert Bosch Car Multimedia GmbH
Type:	AIVIV20

EUT:	FCC
HW version:	tbd
SW version:283C37820R	283C37820R
SVN:	-
Config:	-
Serial number:	0005111
Connected Interfaces:	-
Power Supply:	-
Comments:	-

Full Spectrum



4.06a_n-mode_MCS7_ch52

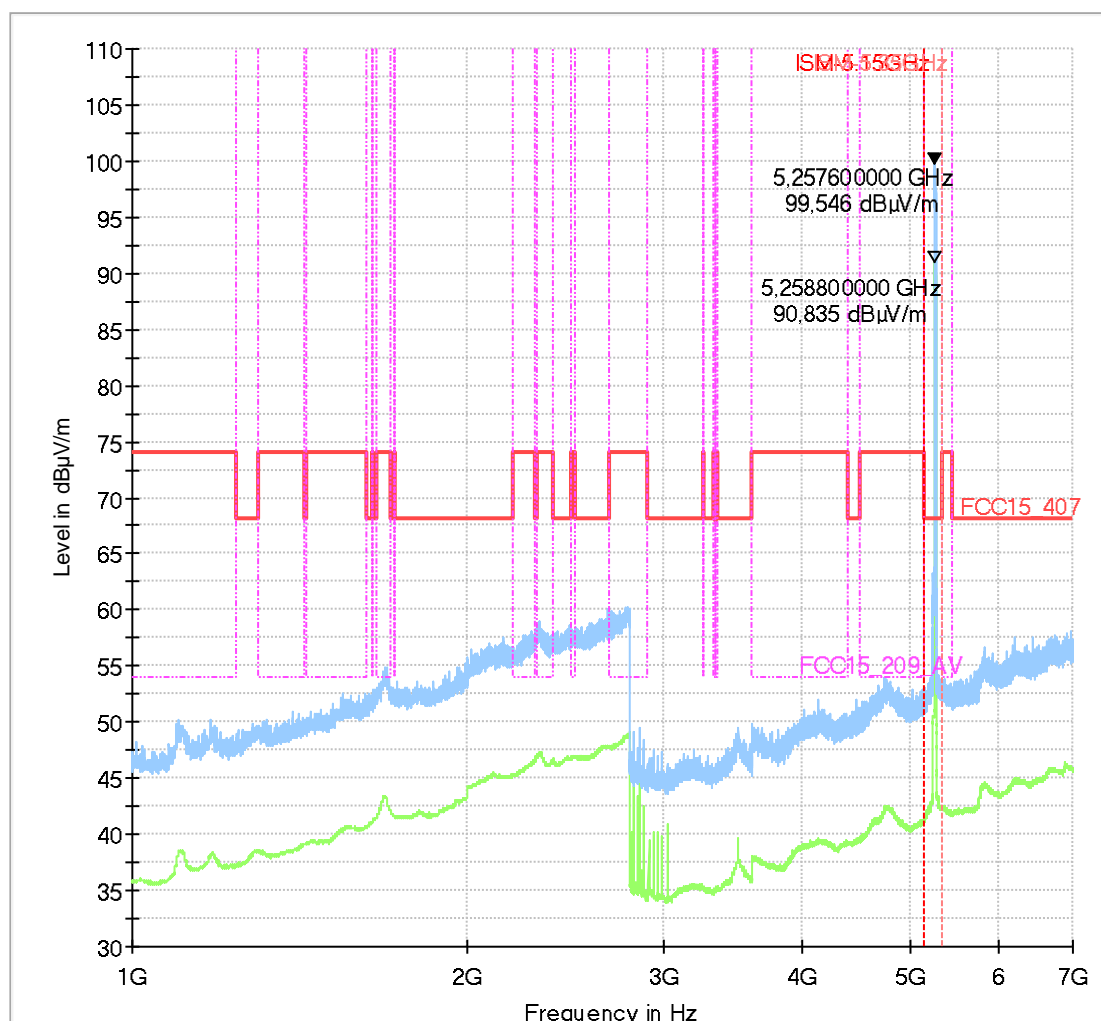
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operation mode:	n-mode HT20 MCS7 ch052
Operator Name:	Slo

EUT Information

Model:	Manufacturer:Robert Bosch Car Multimedia GmbH
Type:	AIVIV20
	Navigations- und Multimediagerät
EUT:	FCC
HW version:	tbd
SW version:283C37820R	283C37820R
SVN:	-
Config:	-
Serial number:	0005111
Connected Interfaces:	-
Power Supply:	-

Full Spectrum



4.07a_n-mode_MCS7_ch116

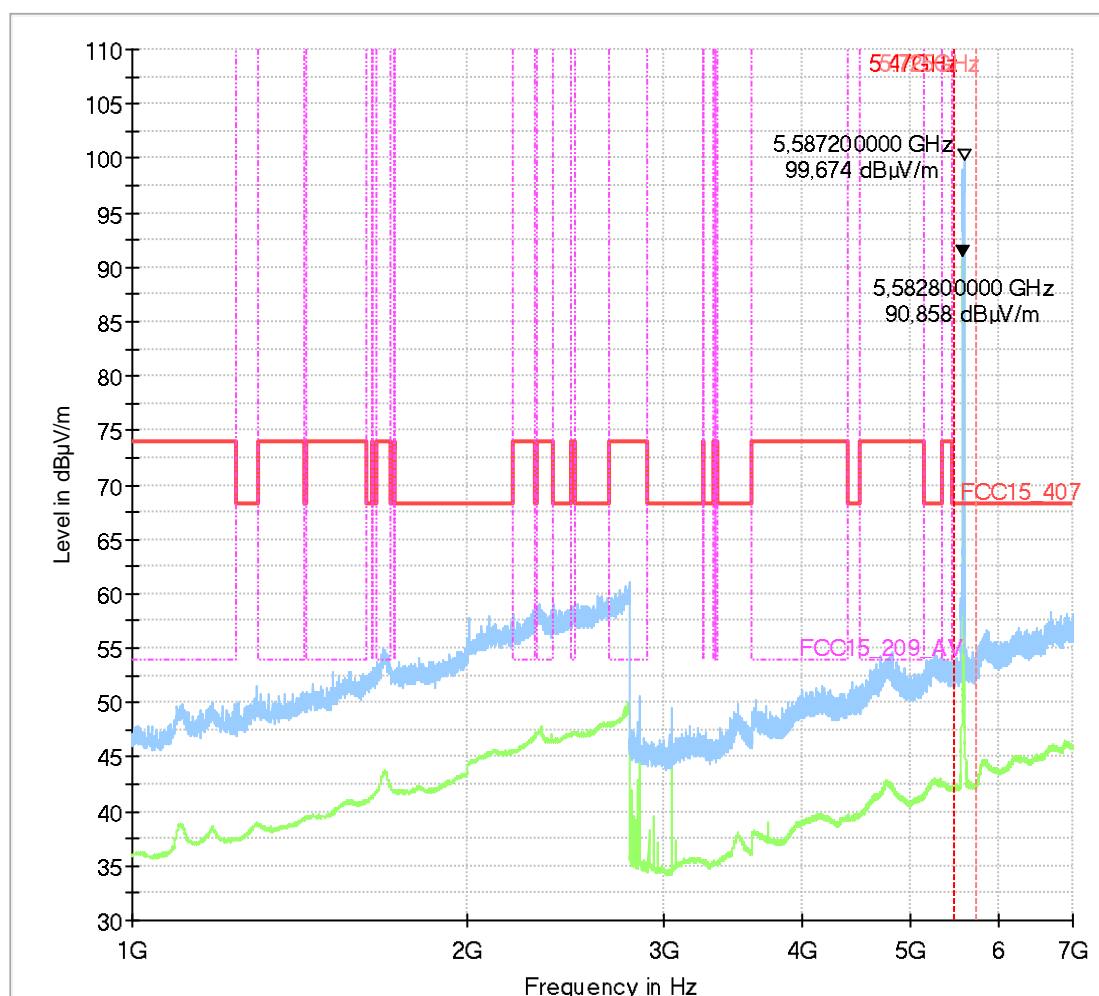
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	Fully Anechoic Room (FAR) - EMC32 V9.26.00
Operation mode:	n-mode HT20 MCS7 ch116
Operator Name:	RI
Comment:	13,5V DC

EUT Information

Model:	Manufacturer: Robert Bosch Car Multimedia GmbH
Type:	AIVIV20
	Navigations- und Multimediagerät
EUT:	FCC
HW version:	tbd
SW version: 283C37820R	283C37820R
SVN:	-
Config:	-
Serial number:	0005111
Connected Interfaces:	-
Power Supply:	-
Comments:	-

Full Spectrum



4.08a_n-mode_MCS7_ch157

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operation mode:	n-mode HT20 MCS7 ch157
Operator Name:	TFr
Comment:	13,5V DC

EUT Information

Model:	Manufacturer:Robert Bosch Car Multimedia GmbH
Type:	AIVIV20
	Navigations- und Multimediagerät
EUT:	FCC
HW version:	tbd
SW version:283C37820R	283C37820R
SVN:	-
Config:	-
Serial number:	0005111
Connected Interfaces:	-
Power Supply:	-
Comments:	-

Full Spectrum

