

Annex 1: Measurement diagrams to
TEST REPORT
 No.: 17-1-0105501T03a

According to:
FCC Regulations
 Part 22, Part 24, Part 27

IC-Regulations
 RSS-132 Issue 3, RSS-133 Issue 6,
 RSS-Gen Issue 4

for

Daimler Trucks North America

7 620 000 296
 CTPMIDDTNA4G

FCC: 2AKC8CTP10777001
 ISED: 22221-CTP10777001
 PMN: CTPMIDDTNA
 HVIN: CTPMIDDTNA
 FVIN: 17.02.S.016







Laboratory Accreditation and Listings			
 DAkKS Deutsche Akkreditierungsstelle D-PL-12047-01-01	 FCC FEDERAL COMMUNICATIONS COMMISSION USA MRA US-EU 0003	 Industry Canada Reg. No.: 3462D-2 Reg. No.: 3462D-3	 Voluntary Controls for Electromagnetic Emissions Reg. No.: R-2666 C-2914, T-1967, G-301
 WiFi ALLIANCE AUTHORIZED RF LABORATORY	 ctia Authorized Test Lab Lab Code: 20011130-00		
accredited according to DIN EN ISO/IEC 17025			
CETECOM GmbH Laboratory Radio Communications & Electromagnetic Compatibility Im Teelbruch 116 • 45219 Essen • Germany Registered in Essen, Germany, Reg. No.: HRB Essen 8984 Tel.: + 49 (0) 20 54 / 95 19-954 • Fax: + 49 (0) 20 54 / 95 19-964 E-mail: info@cetecom.com • Internet: www.cetecom.com			

Table of contents

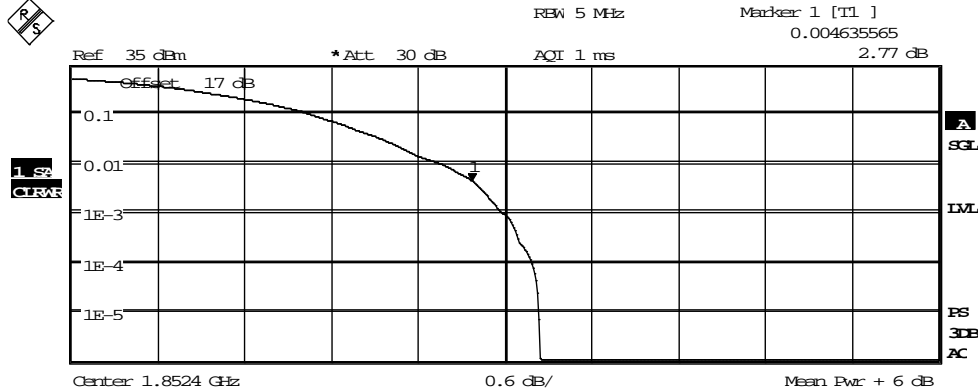
1. MEASUREMENT DIAGRAMS.....	3
1.1. Peak power output and PAPR-Value.....	3
1.2. Magnetic field emissions radiated (FDD Band II transmitting mode).....	9
1.3. Magnetic field emissions radiated (FDD Band IV transmitting mode).....	12
1.4. Magnetic field emissions radiated (FDD Band V transmitting mode).....	15
1.5. Spurious emissions radiated (FDD Band II transmitting mode).....	18
1.6. Spurious emissions radiated (FDD Band IV transmitting mode).....	21
1.7. Spurious emissions radiated (FDD Band V transmitting mode).....	24
1.8. Radiated emissions on FDD Band II band-edge.....	27
1.9. Radiated emissions on FDD Band IV band-edge.....	29
1.10. Radiated emissions on FDD Band V band-edge.....	31

1. Measurement diagrams

1.1. Peak power output and PAPR-Value

1.1.1. FDD Band II

Channel 9262

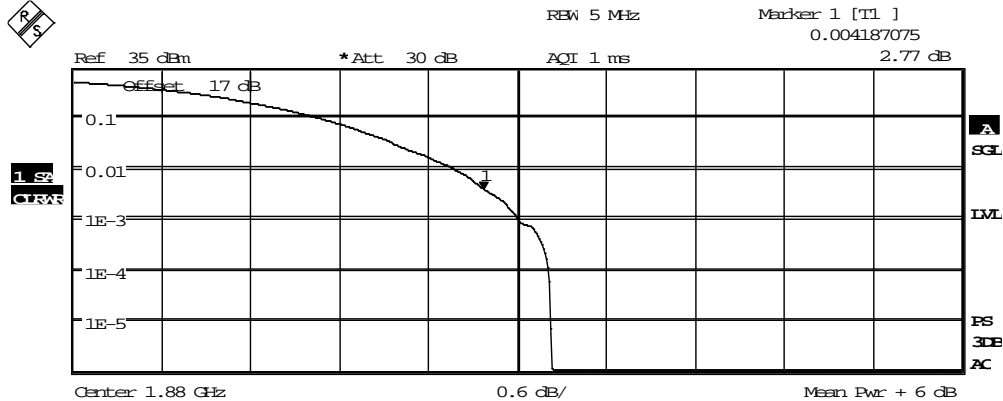


Complementary Cumulative Distribution Function
NOF samples: 8000, Usable BW: 7.1MHz

Trace 1	
Mean	22.49 dBm
Peak	25.73 dBm
Crest	3.24 dB
10 %	1.66 dB
1 %	2.56 dB
.1 %	2.98 dB
.01 %	3.19 dB

Diagram CCDF_Ch_9262

Channel 9400

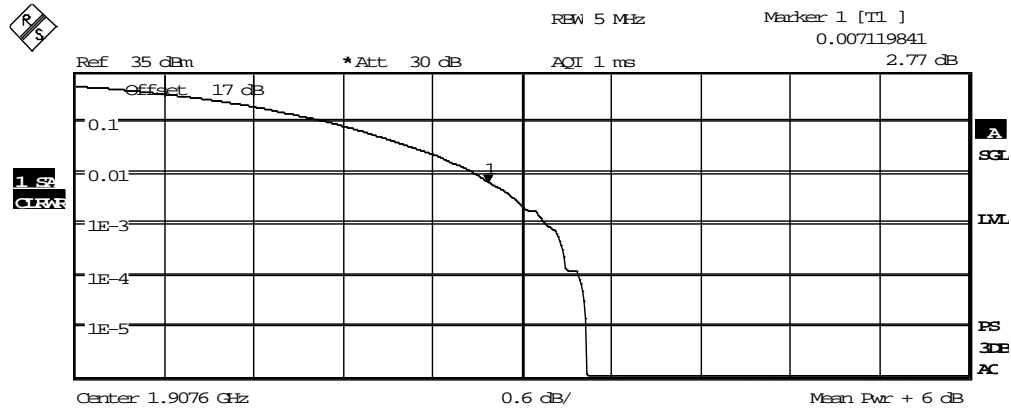


Complementary Cumulative Distribution Function
NOF samples: 8000, Usable BW: 7.1MHz

Trace 1	
Mean	22.51 dBm
Peak	25.73 dBm
Crest	3.23 dB
10 %	1.68 dB
1 %	2.58 dB
.1 %	3.01 dB
.01 %	3.21 dB

Diagram CCDF_Ch_9400

Channel 9538

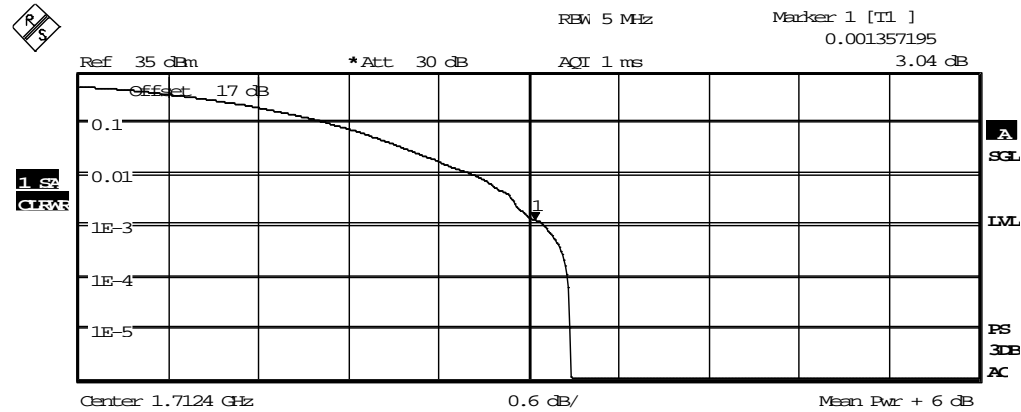


Complementary Cumulative Distribution Function
 NOF samples: 8000, Usable BW: 7.1MHz

Trace 1	
Mean	22.16 dBm
Peak	25.59 dBm
Crest	3.43 dB
10 %	1.74 dB
1 %	2.69 dB
.1 %	3.16 dB
.01 %	3.38 dB

Diagram CCDF_Ch_9538

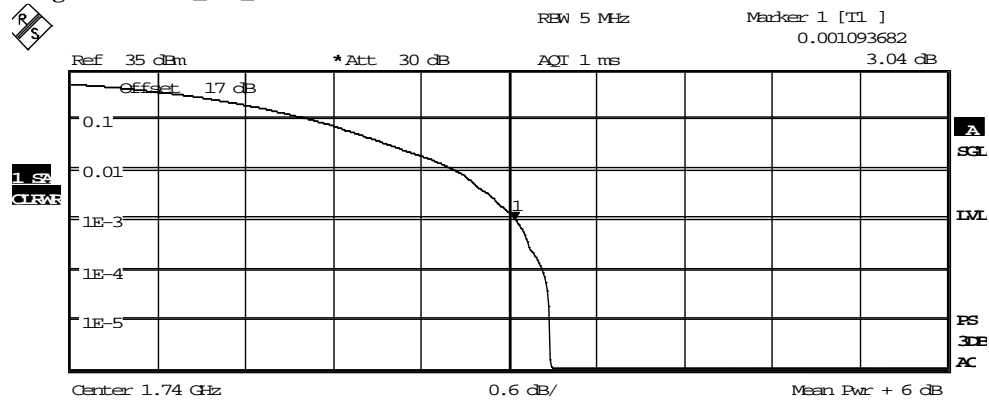
1.1.2. FDD Band IV



Complementary Cumulative Distribution Function
NOF samples: 8000, Usable BW: 7.1MHz

Trace 1	
Mean	22.25 dBm
Peak	25.52 dBm
Crest	3.28 dB
10 %	1.68 dB
1 %	2.63 dB
.1 %	3.11 dB
.01 %	3.26 dB

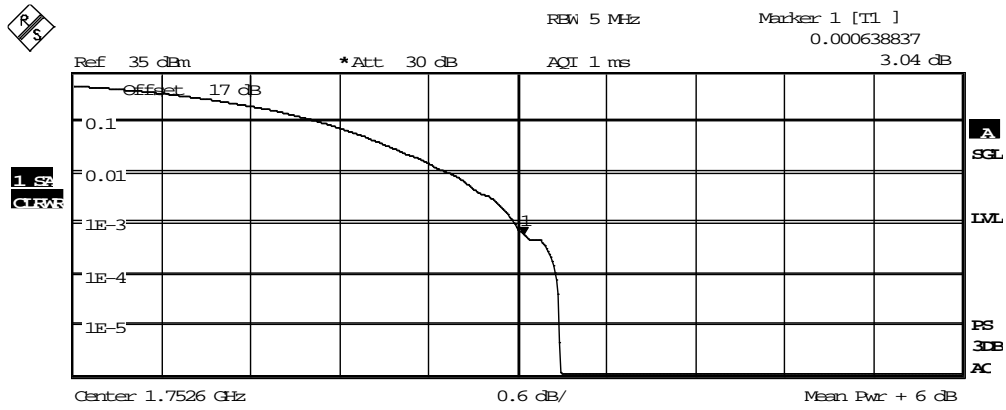
Diagram CCDF_Ch_1312



Complementary Cumulative Distribution Function
NOF samples: 8000, Usable BW: 7.1MHz

Trace 1	
Mean	22.73 dBm
Peak	26.01 dBm
Crest	3.28 dB
10 %	1.67 dB
1 %	2.63 dB
.1 %	3.05 dB
.01 %	3.23 dB

Diagram CCDF_Ch_1450



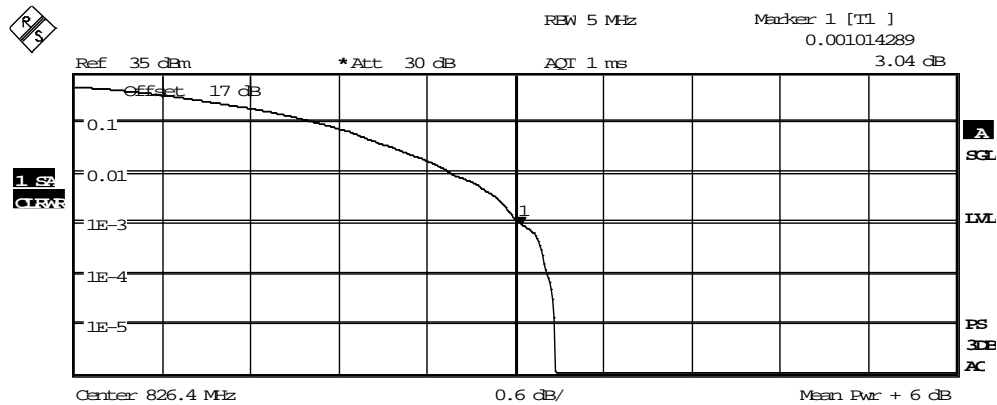
Complementary Cumulative Distribution Function

NOF samples: 8000, Usable BW: 7.1MHz

	Trace 1	
Mean	21.95	dBm
Peak	25.24	dBm
Crest	3.28	dB
10 %	1.69	dB
1 %	2.54	dB
.1 %	2.98	dB
.01 %	3.26	dB

Diagram CCDF_Ch_1513

**1.1.3. FDD Band 5
Channel 4132**

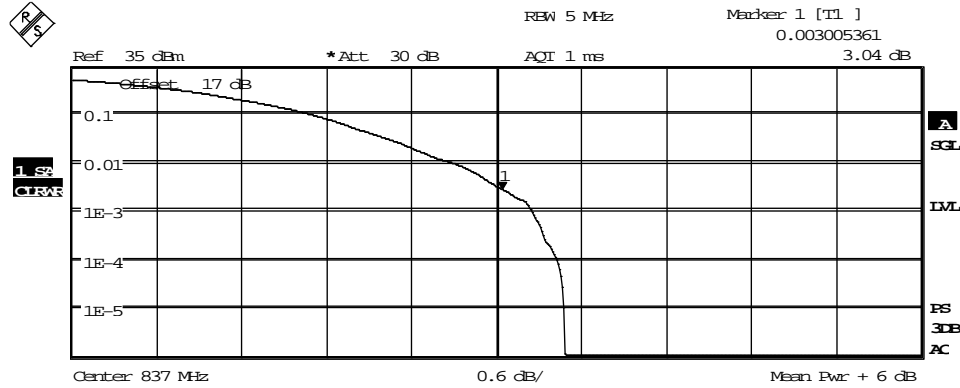


Complementary Cumulative Distribution Function
 NOF samples: 8000, Usable BW: 7.1MHz

	Trace 1
Mean	22.39 dBm
Peak	25.66 dBm
Crest	3.27 dB
10 %	1.68 dB
1 %	2.57 dB
.1 %	3.04 dB
.01 %	3.22 dB

Diagram CCDF_Ch_4132

Channel 4185



Complementary Cumulative Distribution Function
 NOF samples: 8000, Usable BW: 7.1MHz

	Trace 1
Mean	21.55 dBm
Peak	25.03 dBm
Crest	3.48 dB
10 %	1.71 dB
1 %	2.70 dB
.1 %	3.25 dB
.01 %	3.43 dB

Diagram CCDF_Ch_4185



Complementary Cumulative Distribution Function
 NOF samples: 8000, Usable BW: 7.1MHz

	Trace 1
Mean	22.38 dBm
Peak	25.73 dBm
Crest	3.35 dB
10 %	1.64 dB
1 %	2.50 dB
.1 %	3.02 dB
.01 %	3.30 dB

Diagram CCDF_Ch_4233

1.2. Magnetic field emissions radiated (FDD Band II transmitting mode) 2.20_RSE_R_Ch9262_RMC

Common Information

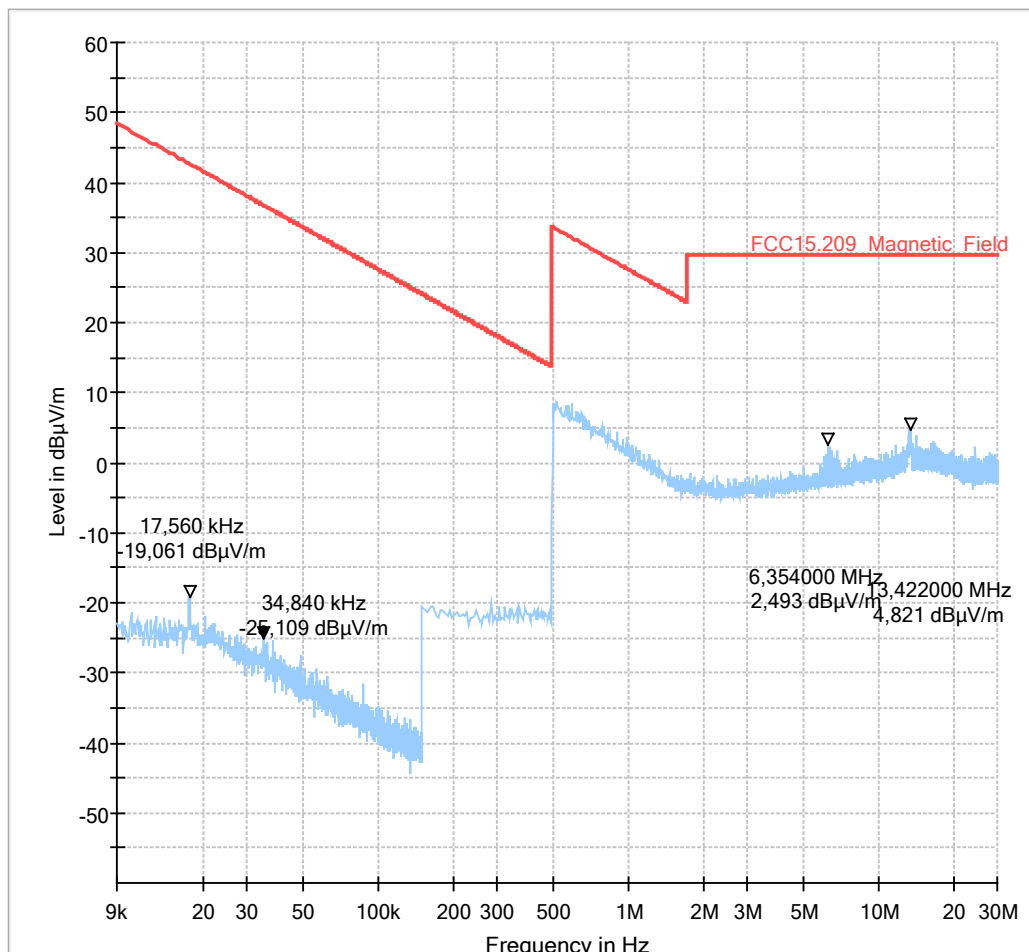
Test description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC32 V9.25.0
Distance correction:	used accord. table, pls. see test report
Technical Data:	Please see 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:	RIs
Operating conditions:	TX-on
Power during tests:	12V DC
Comment 1:	Channel low

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
EuT:	cTP/TDC MID DTNA-4G

HW Version:	9134G05
SW Version:	17.02.S.016
Serial Number:	2950006922
Connected Interfaces:	Main wiring + DTNA Antenna
Power Supply:	24 V DC

Full Spectrum



2.21_RSE_R_Ch9400_RMC

Common Information

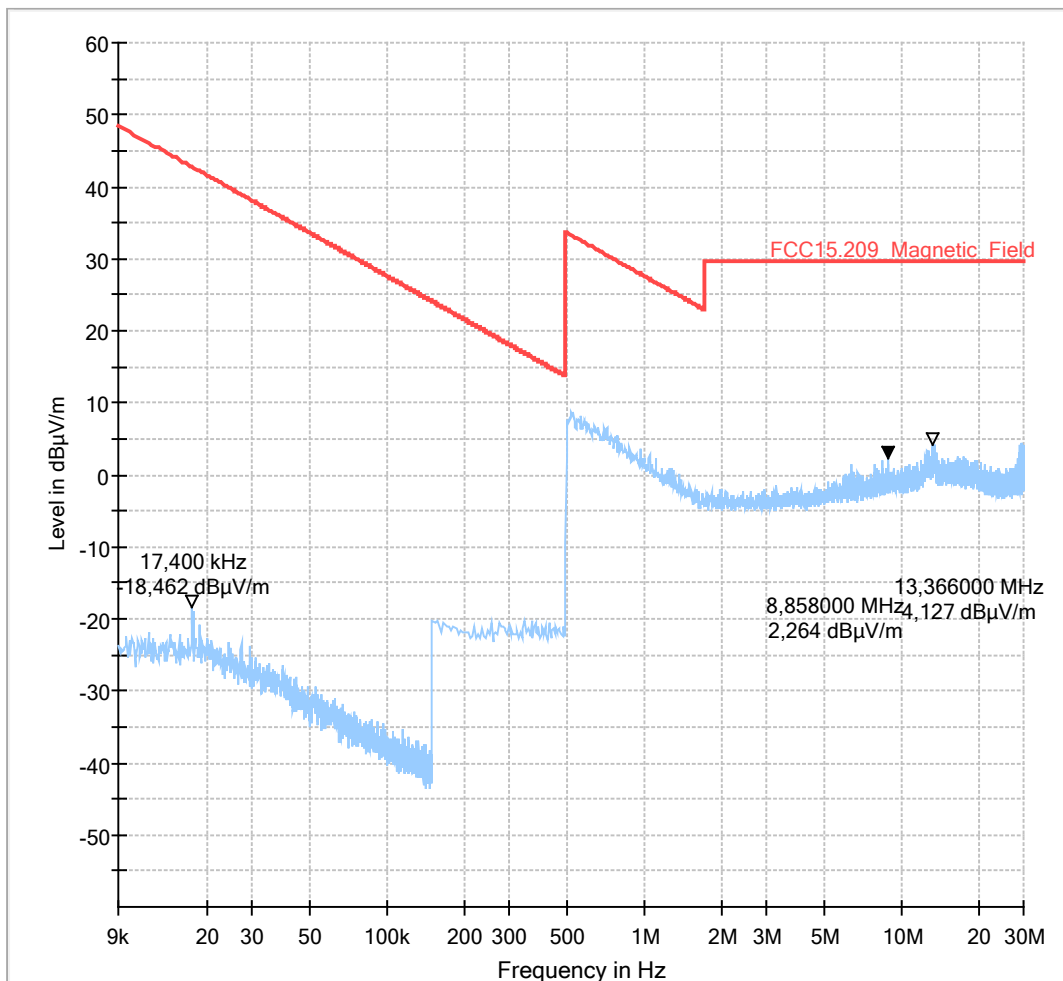
Test description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC32 V9.25.0
Distance correction:	used accord. table, pls. see test report
Technical Data:	Please see 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:	RIs
Operating conditions:	TX-on
Power during tests:	12V DC
Comment 1:	Channel middle

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
EuT:	cTP/TDC MID DTNA-4G

HW Version:	9134G05
SW Version:	17.02.S.016
Serial Number:	2950006922
Connected Interfaces:	Main wiring + DTNA Antenna
Power Supply:	24 V DC

Full Spectrum



2.22_RSE_R_Ch9538_RMC

Common Information

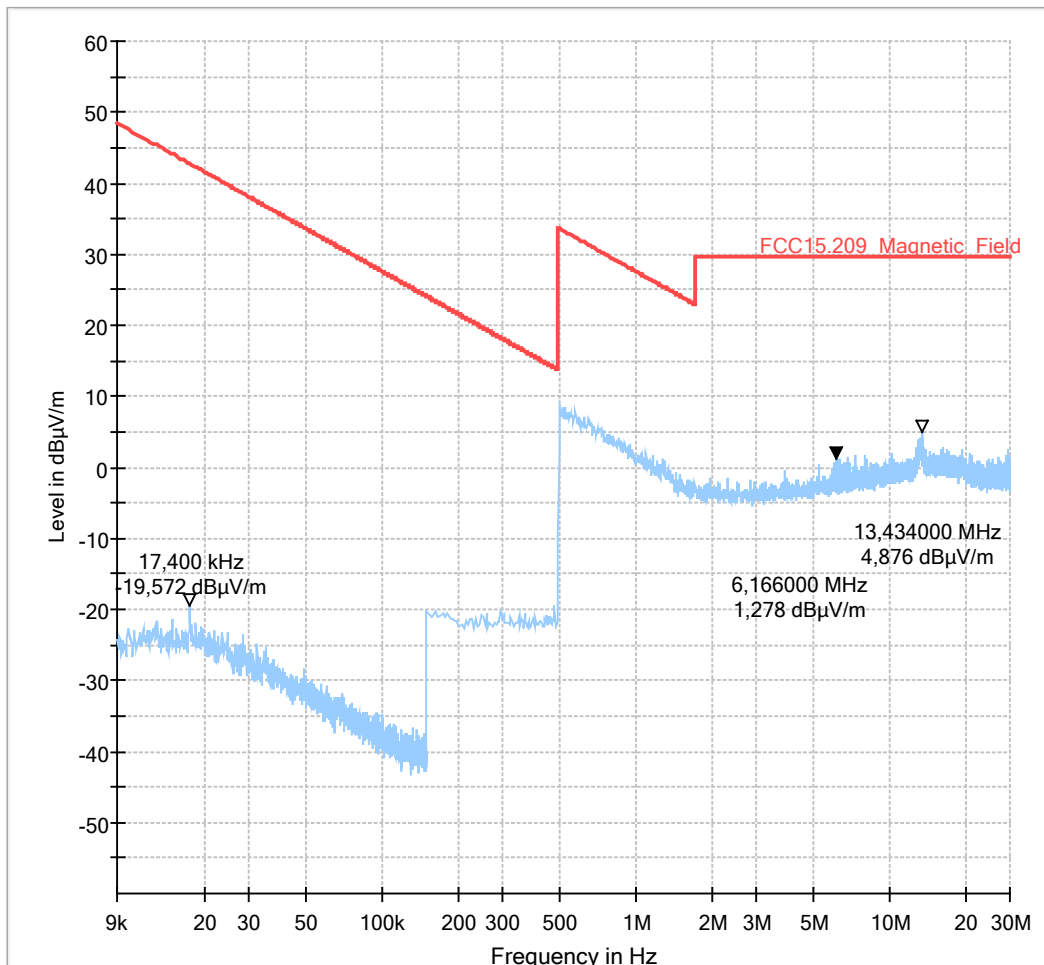
Test description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC32 V9.25.0
Distance correction:	used accord. table, pls. see test report
Technical Data:	Please see 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:	RIs
Operating conditions:	TX-on
Power during tests:	12V DC
Comment 1:	Channel high

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
EuT:	CTP/TDC MID DTNA-4G

HW Version:	9134G05
SW Version:	17.02.S.016
Serial Number:	2950006922
Connected Interfaces:	Main wiring + DTNA Antenna
Power Supply:	24 V DC

Full Spectrum



1.3. Magnetic field emissions radiated (FDD Band IV transmitting mode) 2.30_RSE_R_Ch1312_RMC

Common Information

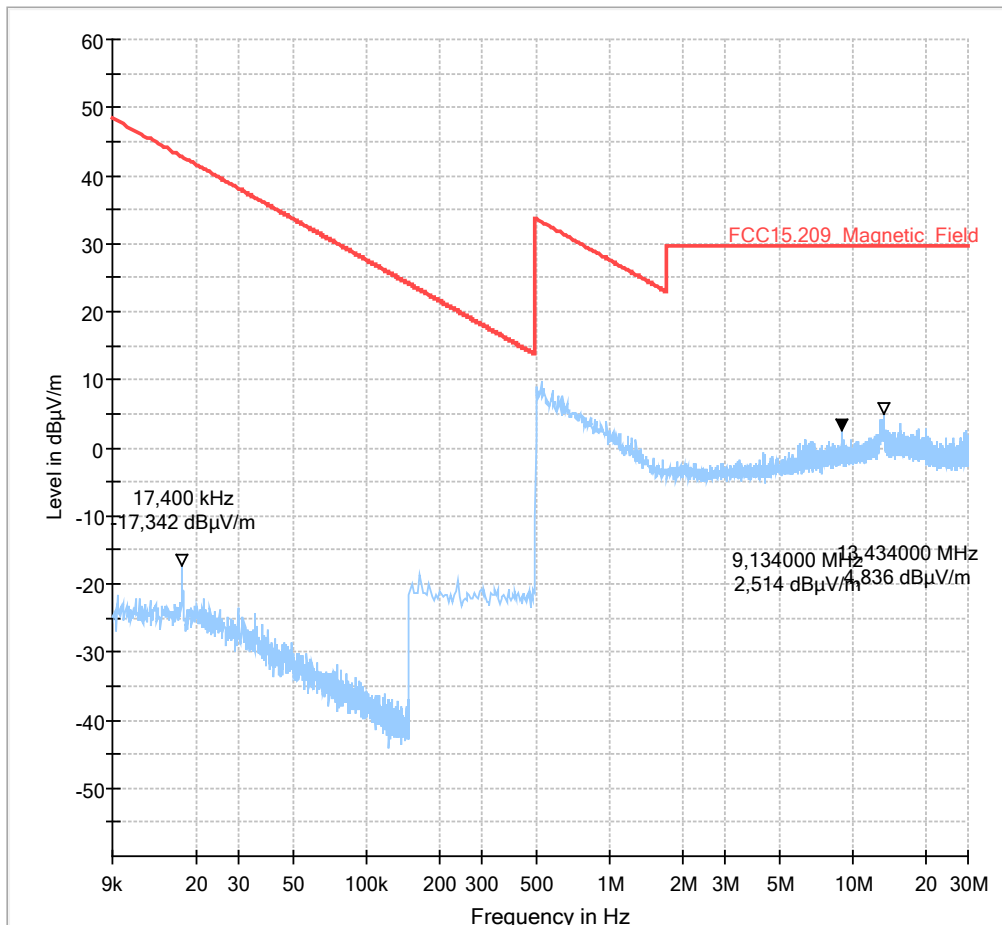
Test description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC32 V9.25.0
Distance correction:	used accord. table, pls. see test report
Technical Data:	Please see 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:	RIs
Operating conditions:	TX-on
Power during tests:	12V DC
Comment 1:	Channel low

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
EuT:	cTP/TDC MID DTNA-4G

HW Version:	9134G05
SW Version:	17.02.S.016
Serial Number:	2950006922
Connected Interfaces:	Main wiring + DTNA Antenna
Power Supply:	24 V DC

Full Spectrum



2.31_RSE_R_Ch1450_RMC

Common Information

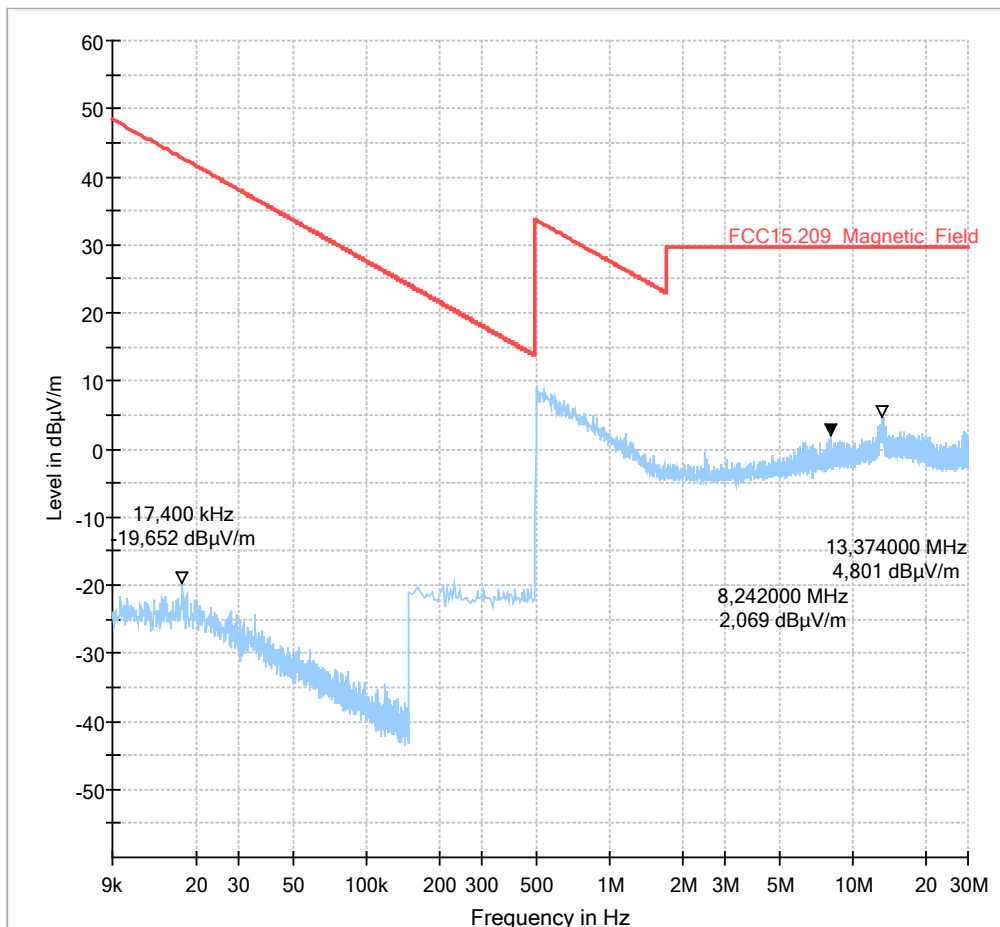
Test description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC32 V9.25.0
Distance correction:	used accord. table, pls. see test report
Technical Data:	Please see 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:	RIs
Operating conditions:	TX-on
Power during tests:	12V DC
Comment 1:	Channel middle

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
EuT:	cTP/TDC MID DTNA-4G

HW Version:	9134G05
SW Version:	17.02.S.016
Serial Number:	2950006922
Connected Interfaces:	Main wiring + DTNA Antenna
Power Supply:	24 V DC

Full Spectrum



2.32_RSE_R_Ch1513_RMC

Common Information

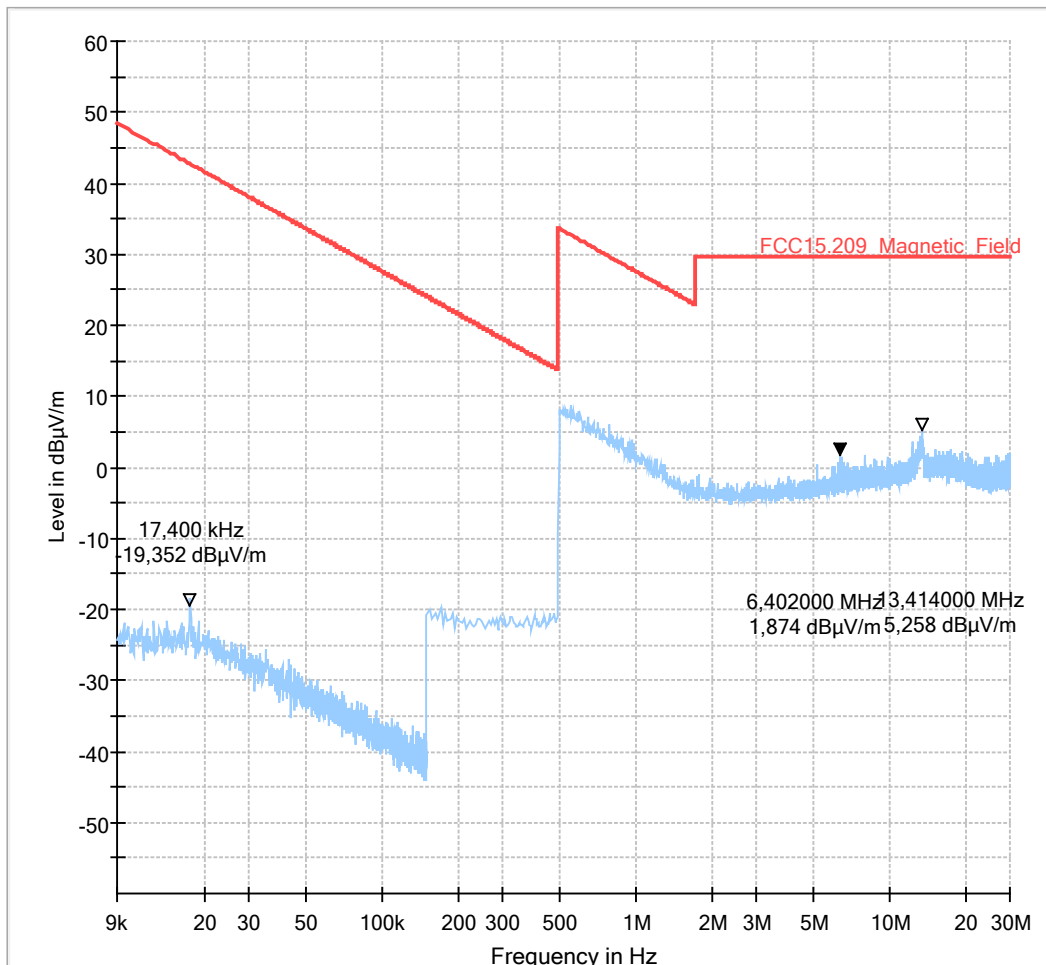
Test description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC32 V9.25.0
Distance correction:	used accord. table, pls. see test report
Technical Data:	Please see 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:	RIs
Operating conditions:	TX-on
Power during tests:	12V DC
Comment 1:	Channel high

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
EuT:	CTP/TDC MID DTNA-4G

HW Version:	9134G05
SW Version:	17.02.S.016
Serial Number:	2950006922
Connected Interfaces:	Main wiring + DTNA Antenna
Power Supply:	24 V DC

Full Spectrum



1.4. Magnetic field emissions radiated (FDD Band V transmitting mode) 2.40_RSE_R_Ch4132_RMC

Common Information

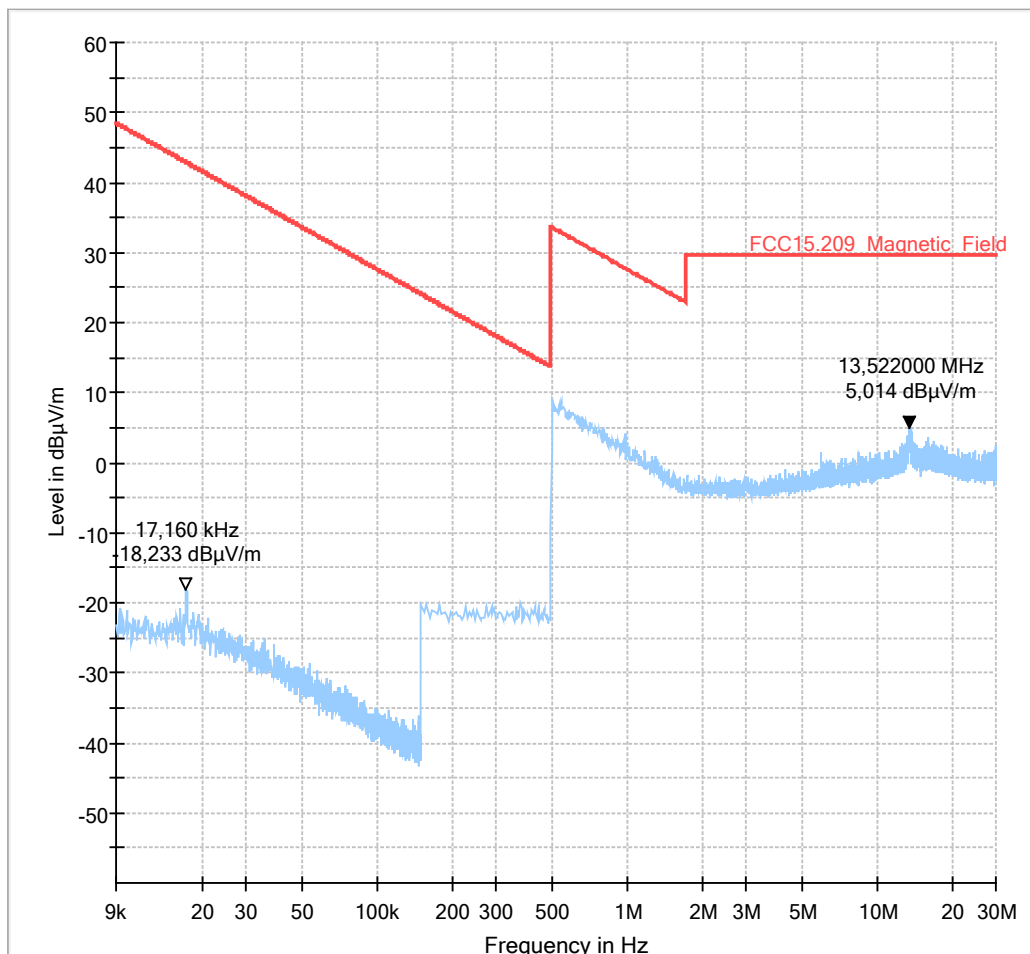
Test description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC32 V9.25.0
Distance correction:	used accord. table, pls. see test report
Technical Data:	Please see 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:	RIs
Operating conditions:	TX-on
Power during tests:	12V DC
Comment 1:	Channel low

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
EuT:	cTP/TDC MID DTNA-4G

HW Version:	9134G05
SW Version:	17.02.S.016
Serial Number:	2950006922
Connected Interfaces:	Main wiring + DTNA Antenna
Power Supply:	24 V DC

Full Spectrum



2.41_RSE_R_Ch4183_RMC

Common Information

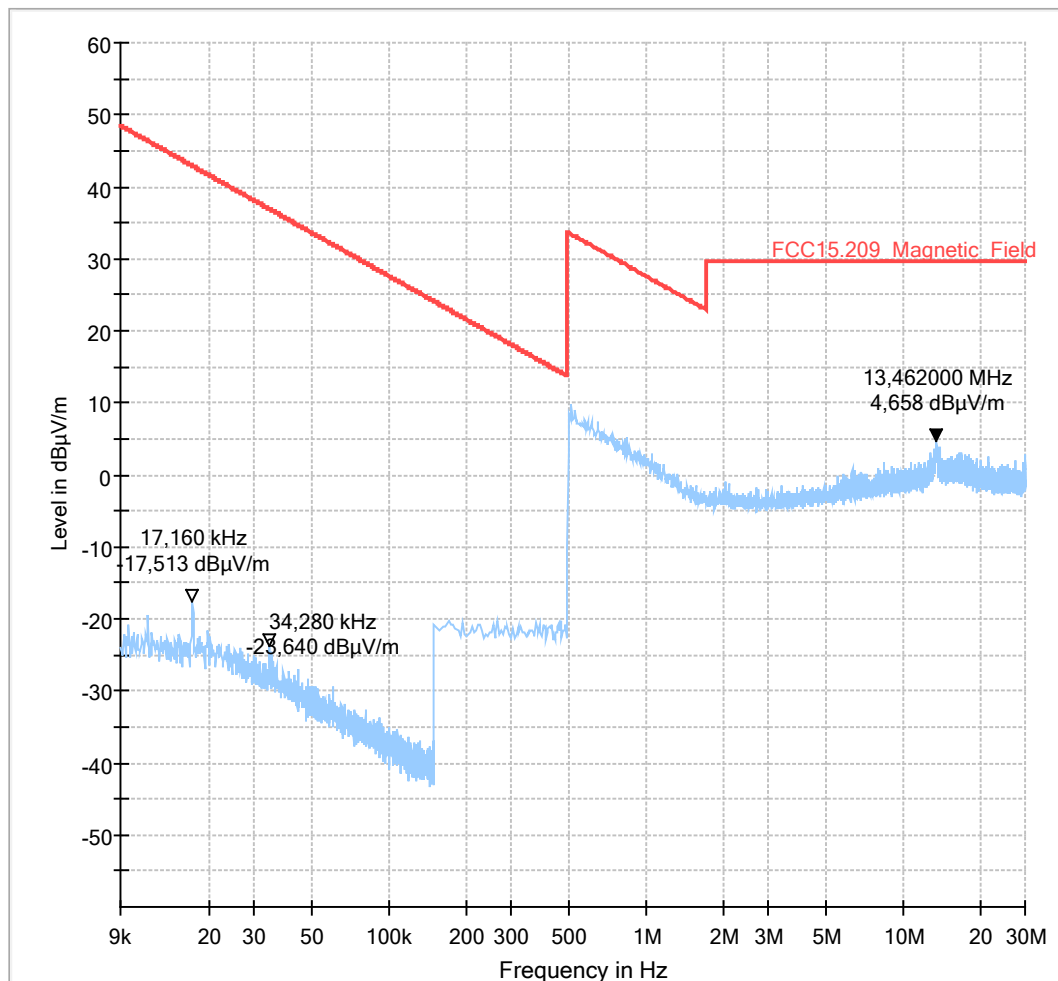
Test description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC32 V9.25.0
Distance correction:	used accord. table, pls. see test report
Technical Data:	Please see 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:	RIs
Operating conditions:	TX-on
Power during tests:	12V DC
Comment 1:	Channel mid

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
EuT:	cTP/TDC MID DTNA-4G

HW Version:	9134G05
SW Version:	17.02.S.016
Serial Number:	2950006922
Connected Interfaces:	Main wiring + DTNA Antenna
Power Supply:	24 V DC

Full Spectrum



2.42_RSE_R_Ch4233_RMC

Common Information

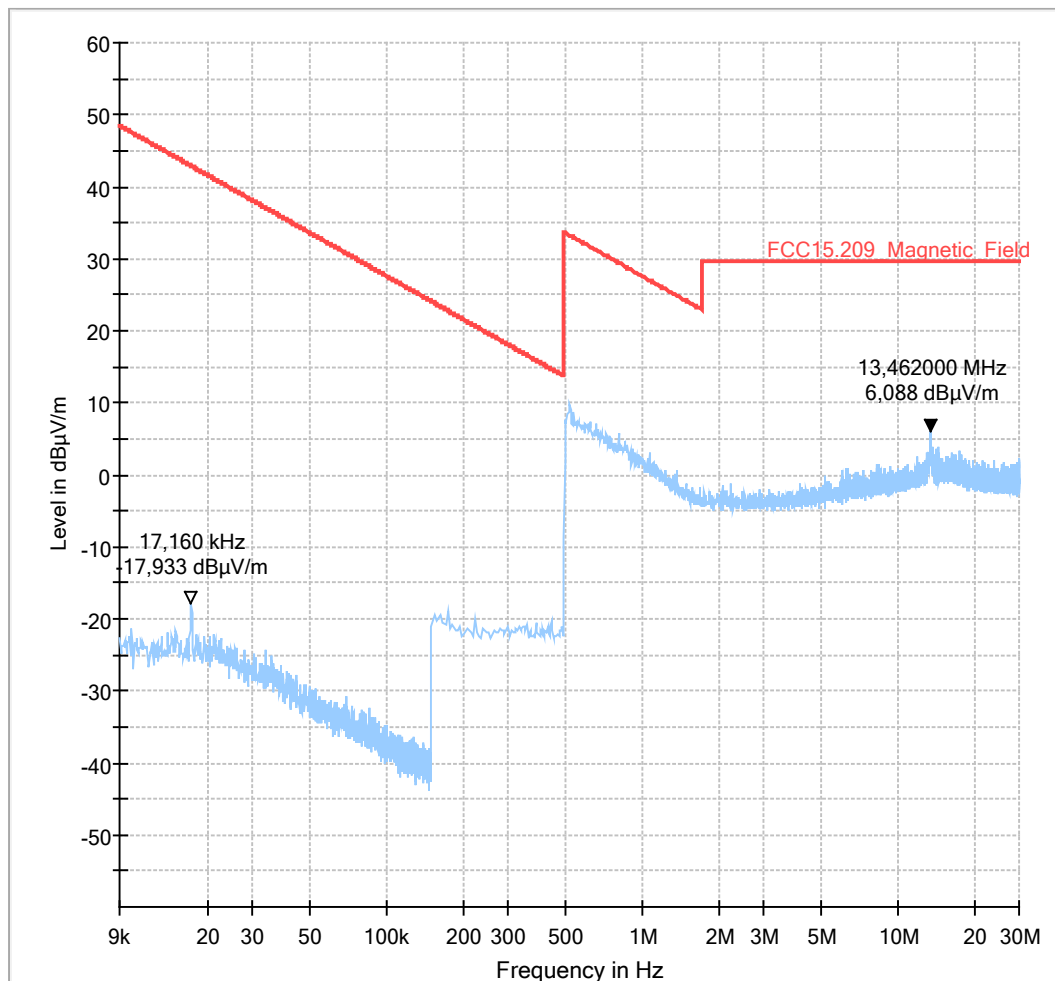
Test description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC32 V9.25.0
Distance correction:	used accord. table, pls. see test report
Technical Data:	Please see 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:	RIs
Operating conditions:	TX-on
Power during tests:	12V DC
Comment 1:	Channel high

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
EuT:	cTP/TDC MID DTNA-4G

HW Version:	9134G05
SW Version:	17.02.S.016
Serial Number:	2950006922
Connected Interfaces:	Main wiring + DTNA Antenna
Power Supply:	24 V DC

Full Spectrum



1.5. Spurious emissions radiated (FDD Band II transmitting mode) 8.20-RSE_R_Ch9262_RMC

Common Information

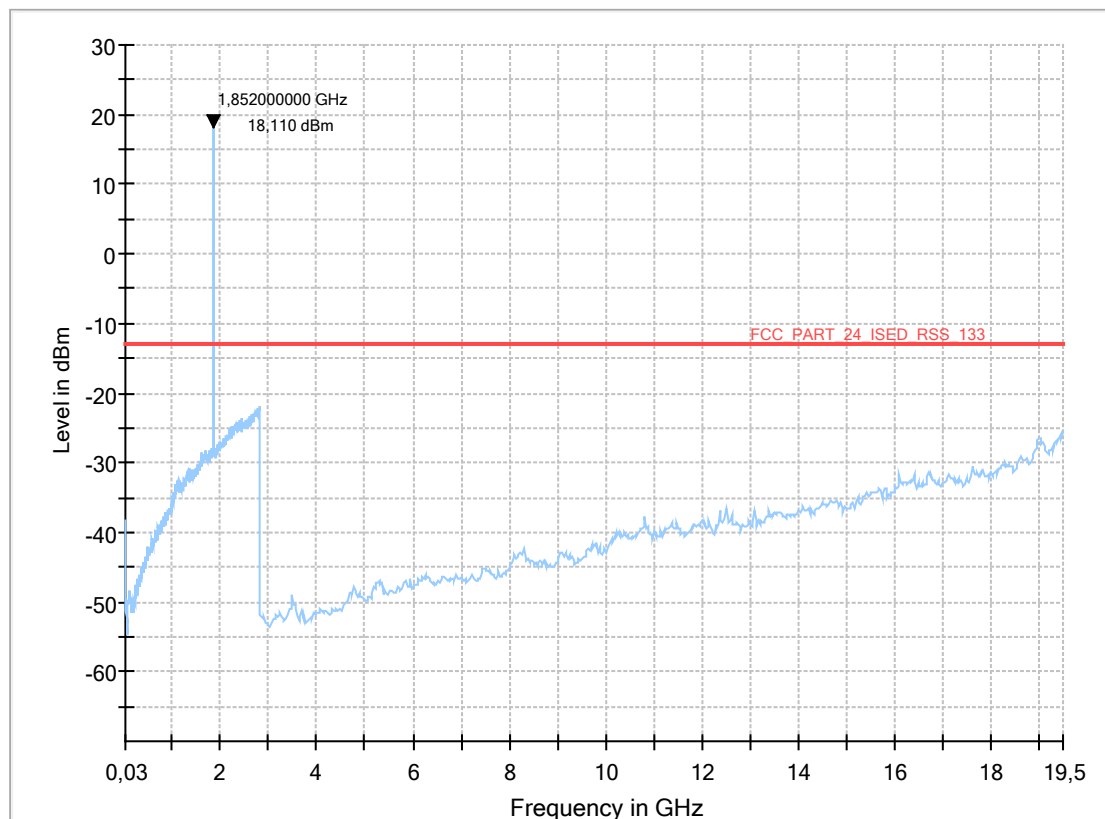
Test Description:	Radiated emission related to 1m
Test Site:	FAR
Test Standard:	FCC FCC Part 24.238 Broadband PCS
Antenna polarisation:	vertical / horizontal
Manufacturer:	Robert Bosch Car Multimedia GmbH
Operation mode:	UMTS II Channel 9262
Operator Name:	Klv
Comment:	

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
EuT:	cTP/TDC MID DTNA-4G

HW Version:	9134G05
SW Version:	17.02.S.016
Serial Number:	2950006922
Connected Interfaces:	Main wiring + DTNA Antenna
Power Supply:	24 V DC

Full Spectrum



8.21-RSE_R_Ch9400_RMC

Common Information

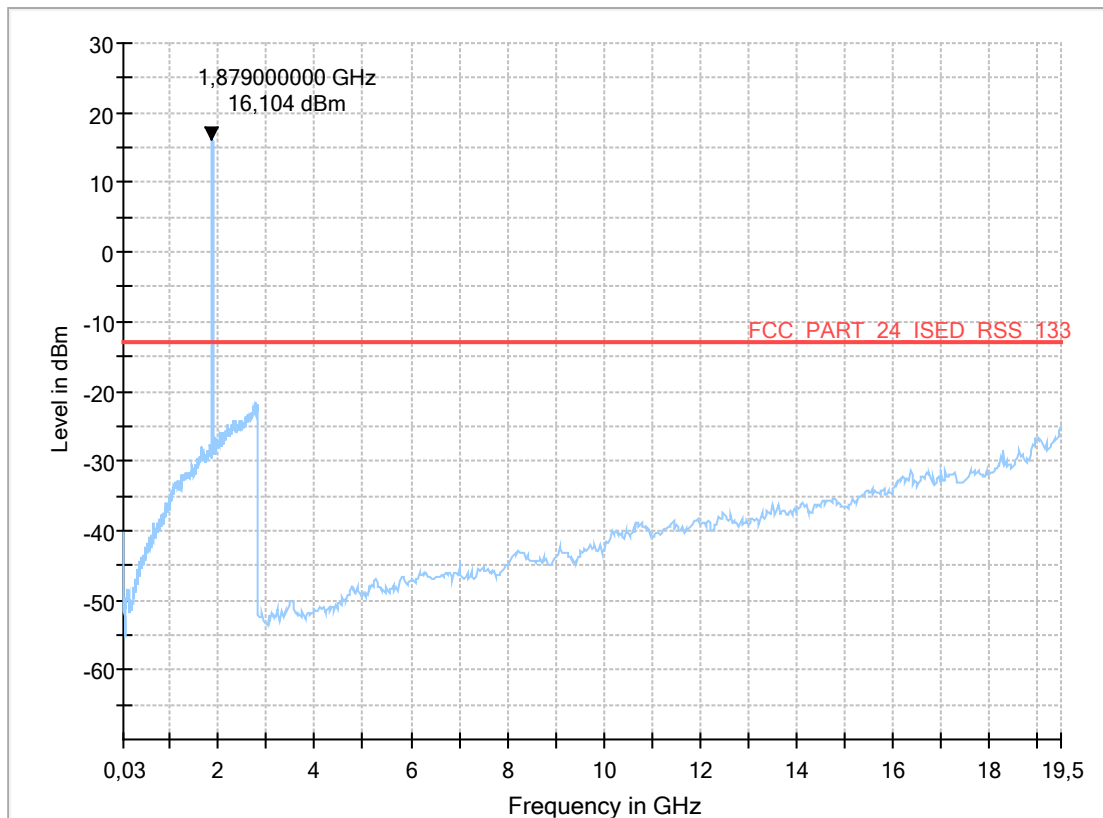
Test Description:	Radiated emission related to 1m
Test Site:	FAR
Test Standard:	FCC FCC Part 24.238 Broadband PCS
Antenna polarisation:	vertical / horizontal
Manufacturer:	Robert Bosch Car Multimedia GmbH
Operation mode:	UMTS II Channel 9400
Operator Name:	Klv
Comment:	

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
EuT:	cTP/TDC MID DTNA-4G

HW Version:	9134G05
SW Version:	17.02.S.016
Serial Number:	2950006922
Connected Interfaces:	Main wiring + DTNA Antenna
Power Supply:	24 V DC

Full Spectrum



8.22-RSE_R_Ch9538_RMC

Common Information

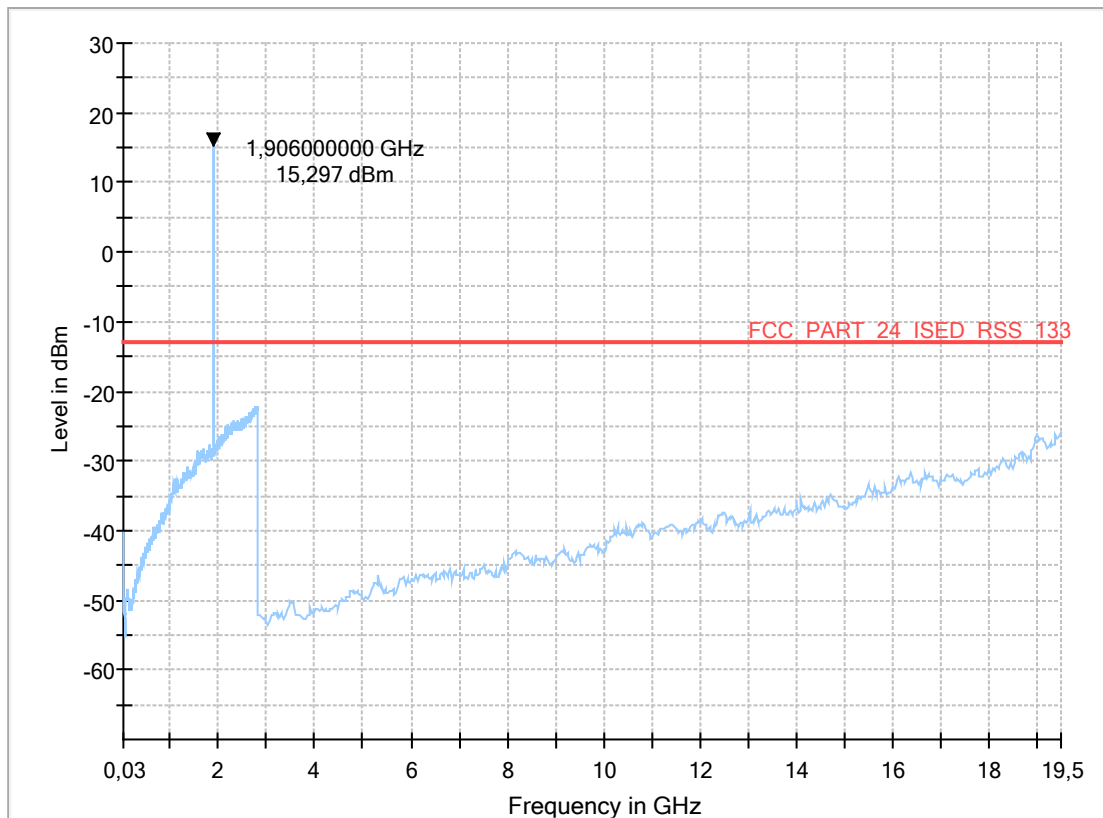
Test Description:	Radiated emission related to 1m
Test Site:	FAR
Test Standard:	FCC FCC Part 24.238 Broadband PCS
Antenna polarisation:	vertical / horizontal
Manufacturer:	Robert Bosch Car Multimedia GmbH
Operation mode:	UMTS II Channel 9538
Operator Name:	Klv
Comment:	

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
EuT:	cTP/TDC MID DTNA-4G

HW Version:	9134G05
SW Version:	17.02.S.016
Serial Number:	2950006922
Connected Interfaces:	Main wiring + DTNA Antenna
Power Supply:	24 V DC

Full Spectrum



1.6. Spurious emissions radiated (FDD Band IV transmitting mode) 8.30-RSE_R_Ch1312_RMC

Common Information

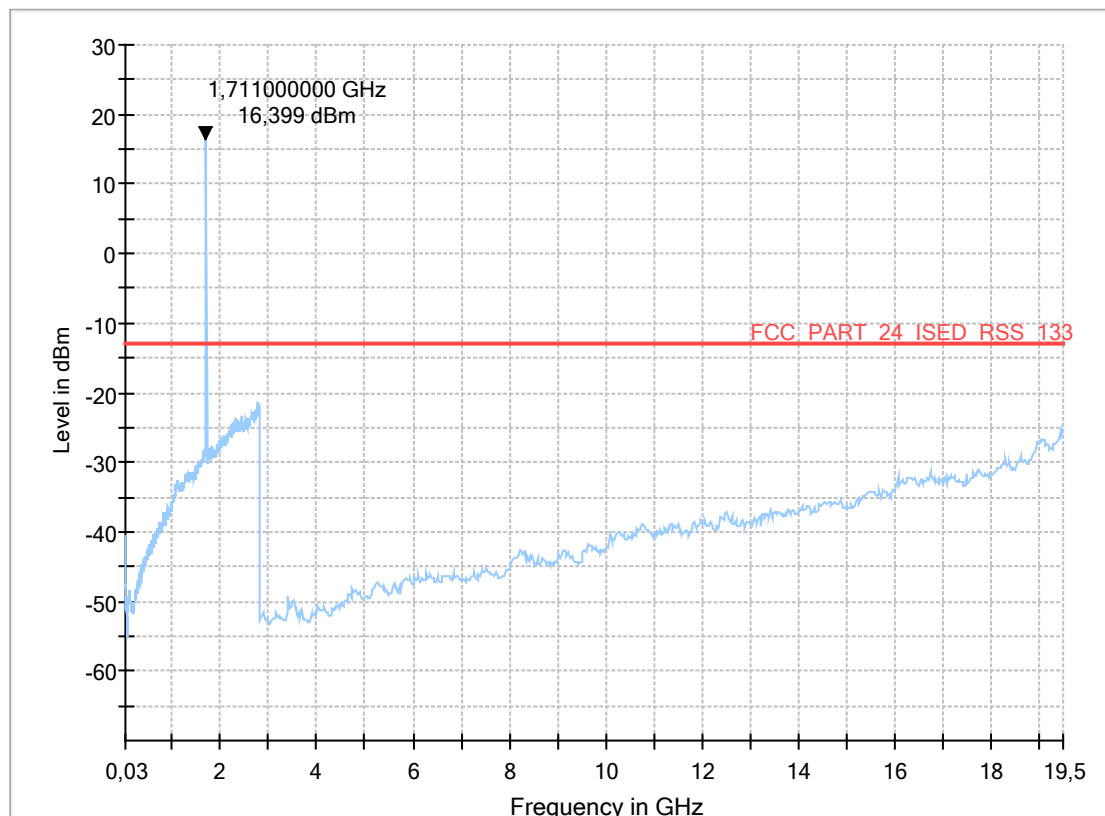
Test Description:	Radiated emission related to 1m
Test Site:	FAR
Test Standard:	FCC FCC Part 24.238 Broadband PCS
Antenna polarisation:	vertical / horizontal
Manufacturer:	Robert Bosch Car Multimedia GmbH
Operation mode:	UMTS IV Channel 1312
Operator Name:	Klv
Comment:	

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
EuT:	cTP/TDC MID DTNA-4G

HW Version:	9134G05
SW Version:	17.02.S.016
Serial Number:	2950006922
Connected Interfaces:	Main wiring + DTNA Antenna
Power Supply:	24 V DC

Full Spectrum



8.31-RSE_R_Ch1450_RMC__

Common Information

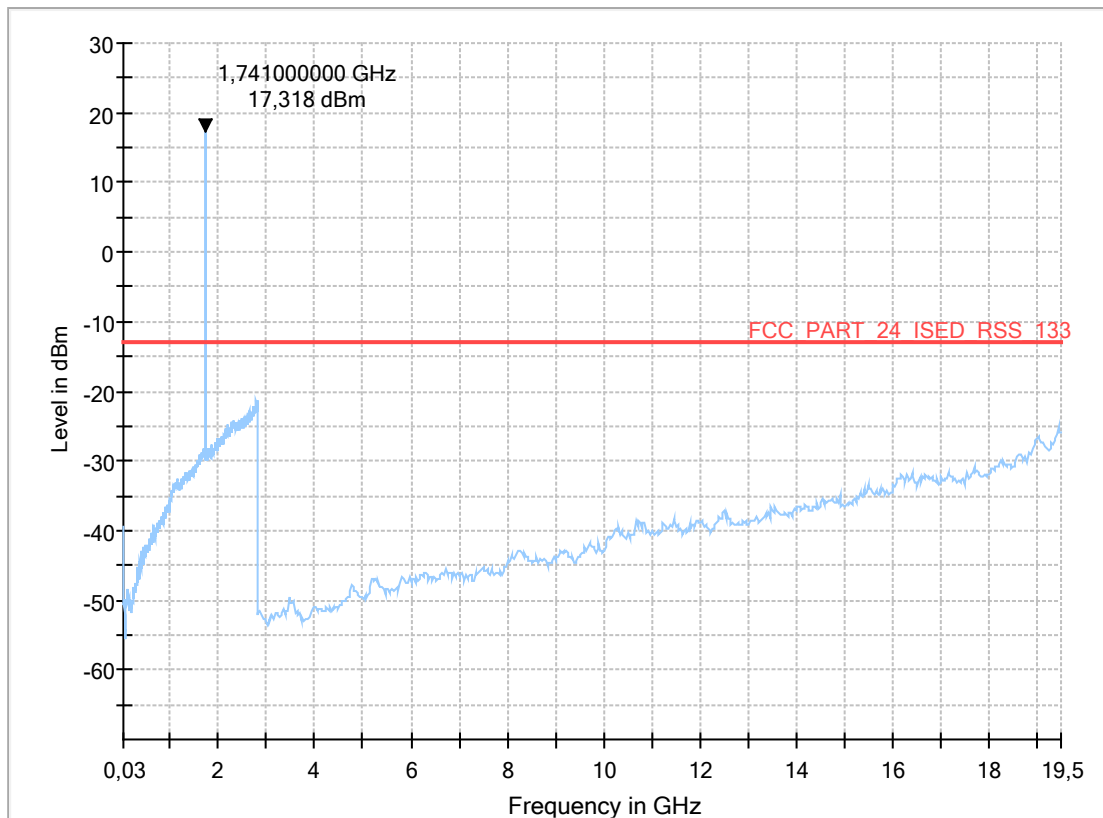
Test Description:	Radiated emission related to 1m
Test Site:	FAR
Test Standard:	FCC FCC Part 24.238 Broadband PCS
Antenna polarisation:	vertical / horizontal
Manufacturer:	Robert Bosch Car Multimedia GmbH
Operation mode:	UMTS IV Channel 1450
Operator Name:	Klv
Comment:	

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
EuT:	cTP/TDC MID DTNA-4G

HW Version:	9134G05
SW Version:	17.02.S.016
Serial Number:	2950006922
Connected Interfaces:	Main wiring + DTNA Antenna
Power Supply:	24 V DC

Full Spectrum



8.32-RSE_R_Ch1513_RMC__

Common Information

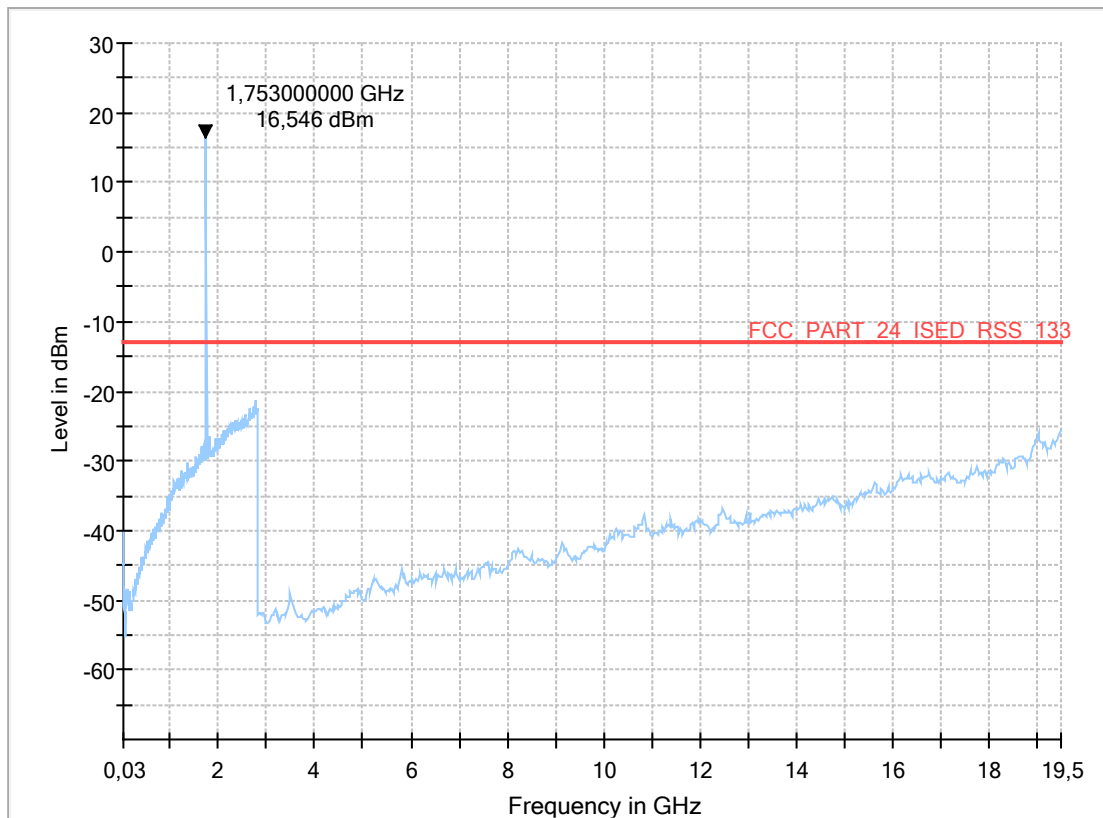
Test Description:	Radiated emission related to 1m
Test Site:	FAR
Test Standard:	FCC FCC Part 24.238 Broadband PCS
Antenna polarisation:	vertical / horizontal
Manufacturer:	Robert Bosch Car Multimedia GmbH
Operation mode:	UMTS IV Channel 1513
Operator Name:	Klv
Comment:	

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
EuT:	cTP/TDC MID DTNA-4G

HW Version:	9134G05
SW Version:	17.02.S.016
Serial Number:	2950006922
Connected Interfaces:	Main wiring + DTNA Antenna
Power Supply:	24 V DC

Full Spectrum



1.7. Spurious emissions radiated (FDD Band V transmitting mode) 8.40-RSE_R_Ch4132_RMC

Common Information

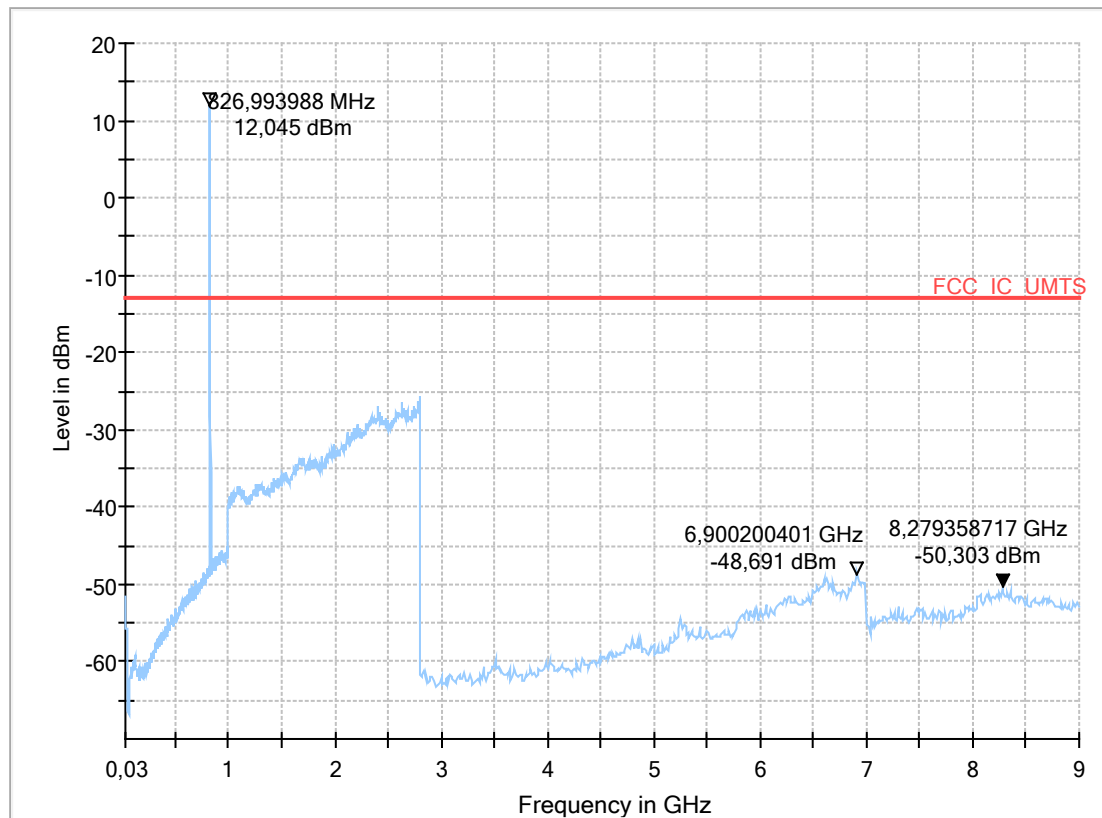
Test Description:	Radiated Spurious Emissions UMTS FDDV
Test Site Location:	CETECOM GmbH Essen
Test Site:	Fully Anechoic Room (FAR)
Test Standard:	FCC Part 22.917(a)
Operating Mode:	UE allocated channel 4133/4182/4233 (fc = 826.6/836.4/846.6 MHz), Voice/HSDPA/HSUPA/HSPA+, H-Set x
Environmental Conditions:	Humidity: 48%rH; Temperature: 20°C
Operator:	RIs

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
EuT:	cTP/TDC MID DTNA-4G

HW Version:	9134G05
SW Version:	17.02.S.016
Serial Number:	2950006922
Connected Interfaces:	Main wiring + DTNA Antenna
Power Supply:	24 V DC

Full Spectrum



8.41-RSE_R_Ch4183_RMC

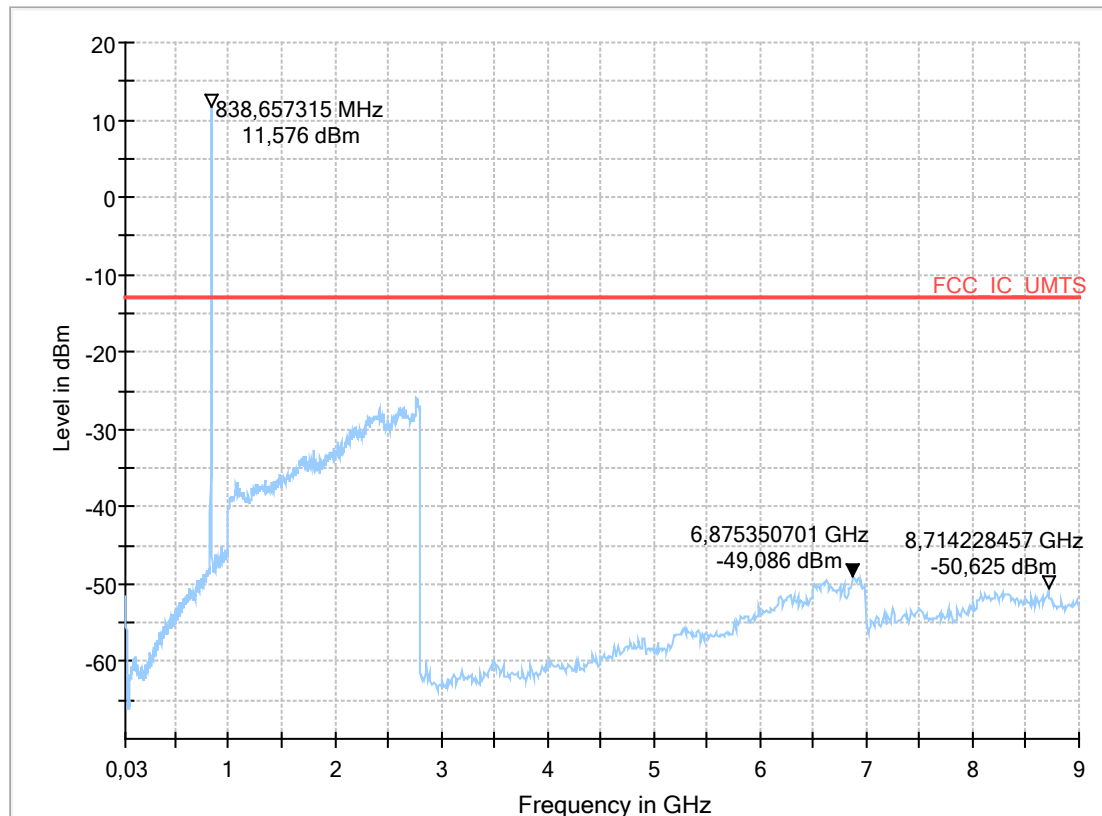
Common Information

Test Description:	Radiated Spurious Emissions UMTS FDDV
Test Site Location:	CETECOM GmbH Essen
Test Site:	Fully Anechoic Room (FAR)
Test Standard:	FCC Part 22.917(a)
Operating Mode:	UE allocated channel 4133/4182/4233 (fc = 826.6/836.4/846.6 MHz), Voice/HSDPA/HSUPA/HSPA+, H-Set x
Environmental Conditions:	Humidity: 48%rH; Temperature: 20°C
Operator:	RLs

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
EuT:	cTP/TDC MID DTNA-4G
-----	-----
HW Version:	9134G05
SW Version:	17.02.S.016
Serial Number:	2950006922
Connected Interfaces:	Main wiring + DTNA Antenna
Power Supply:	24 V DC

Full Spectrum



8.42-RSE_R_Ch4233_RMC

Common Information

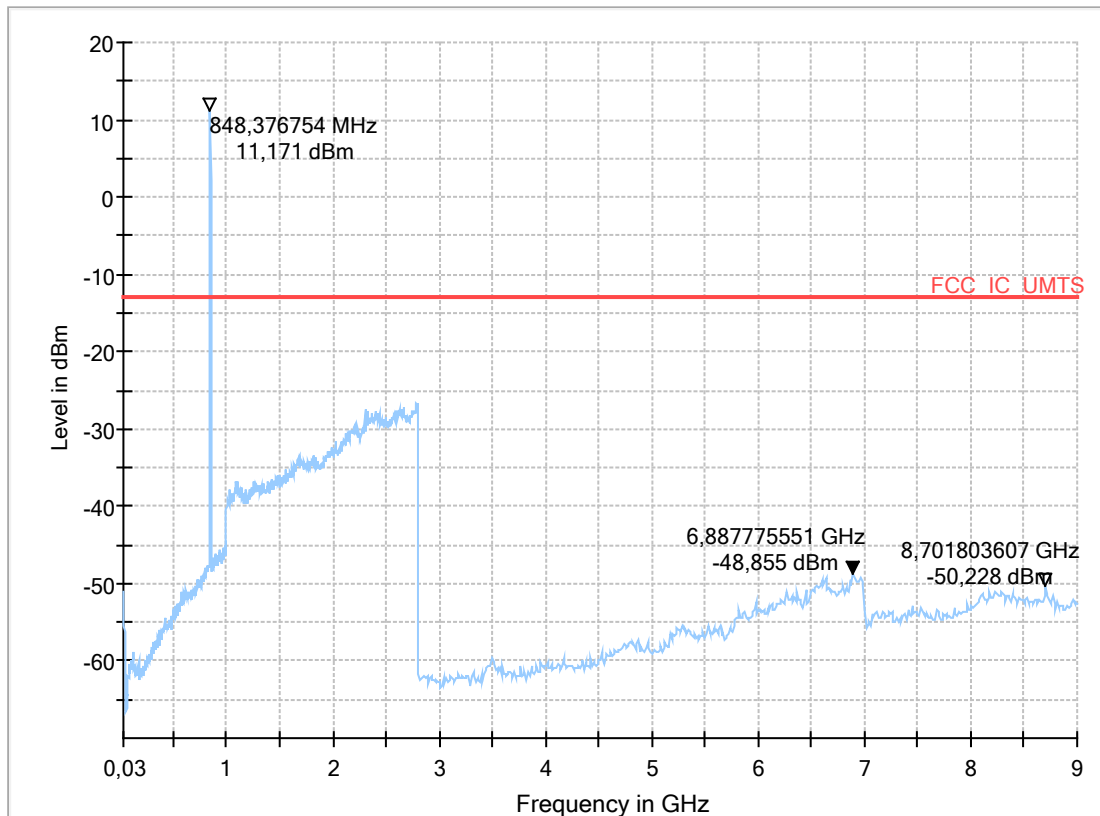
Test Description:	Radiated Spurious Emissions UMTS FDDV
Test Site Location:	CETECOM GmbH Essen
Test Site:	Fully Anechoic Room (FAR)
Test Standard:	FCC Part 22.917(a)
Operating Mode:	UE allocated channel 4133/4182/4233 (fc = 826.6/836.4/846.6 MHz), Voice/HSDPA/HSUPA/HSPA+, H-Set x
Environmental Conditions:	Humidity: 48%rH; Temperature: 20°C
Operator:	RLs

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
EuT:	cTP/TDC MID DTNA-4G

HW Version:	9134G05
SW Version:	17.02.S.016
Serial Number:	2950006922
Connected Interfaces:	Main wiring + DTNA Antenna
Power Supply:	24 V DC

Full Spectrum



1.8. Radiated emissions on FDD Band II band-edge

9.20_BE_R_Ch9262_RMC

Common Information

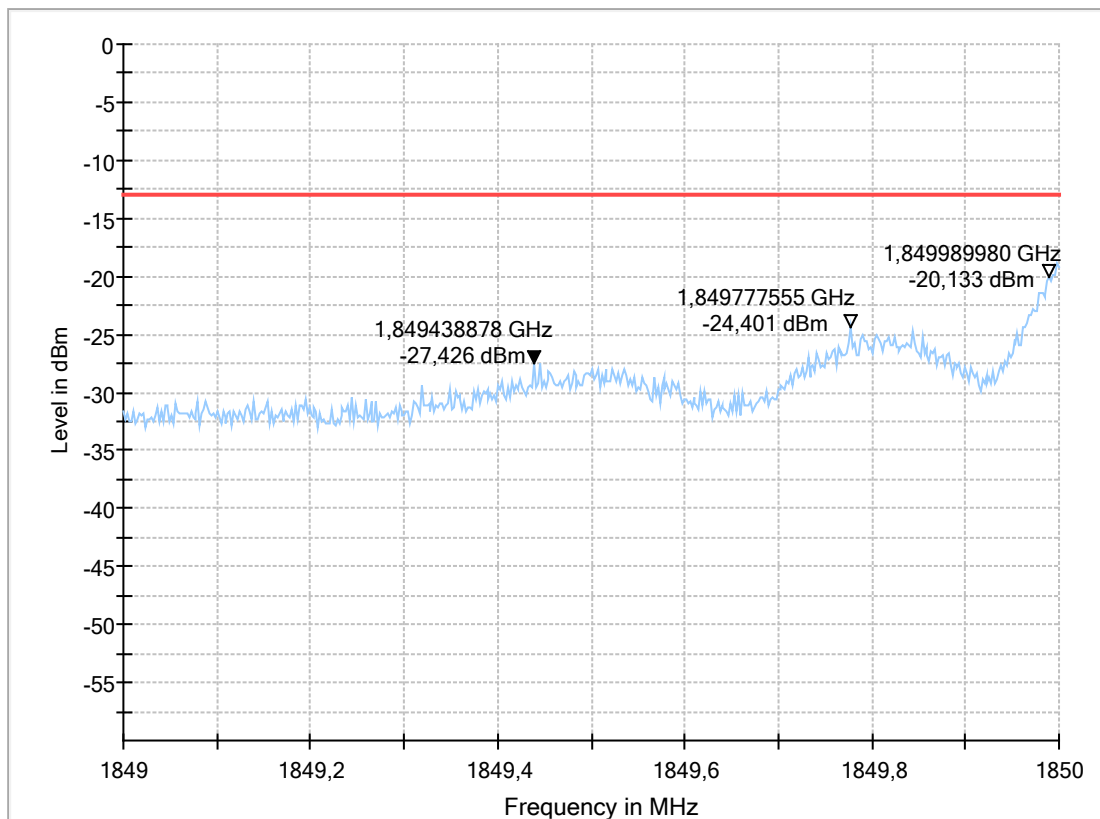
Test Description:	Band-Edge low - Radiated Spurious Emissions UMTS FDDII
Test Site:	CETECOM GmbH Essen
Test Standard:	Fully Anechoic Room (FAR)
Environment Conditions:	Humidity: 40 %rH; Temperature:20°C
Operator Name:	RI
Comment:	

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
EuT:	cTP/TDC MID DTNA-4G

HW Version:	9134G05
SW Version:	17.02.S.016
Serial Number:	2950006922
Connected Interfaces:	Main wiring + DTNA Antenna
Power Supply:	24 V DC

Full Spectrum



9.21_BE_R_Ch9538_RMC

Common Information

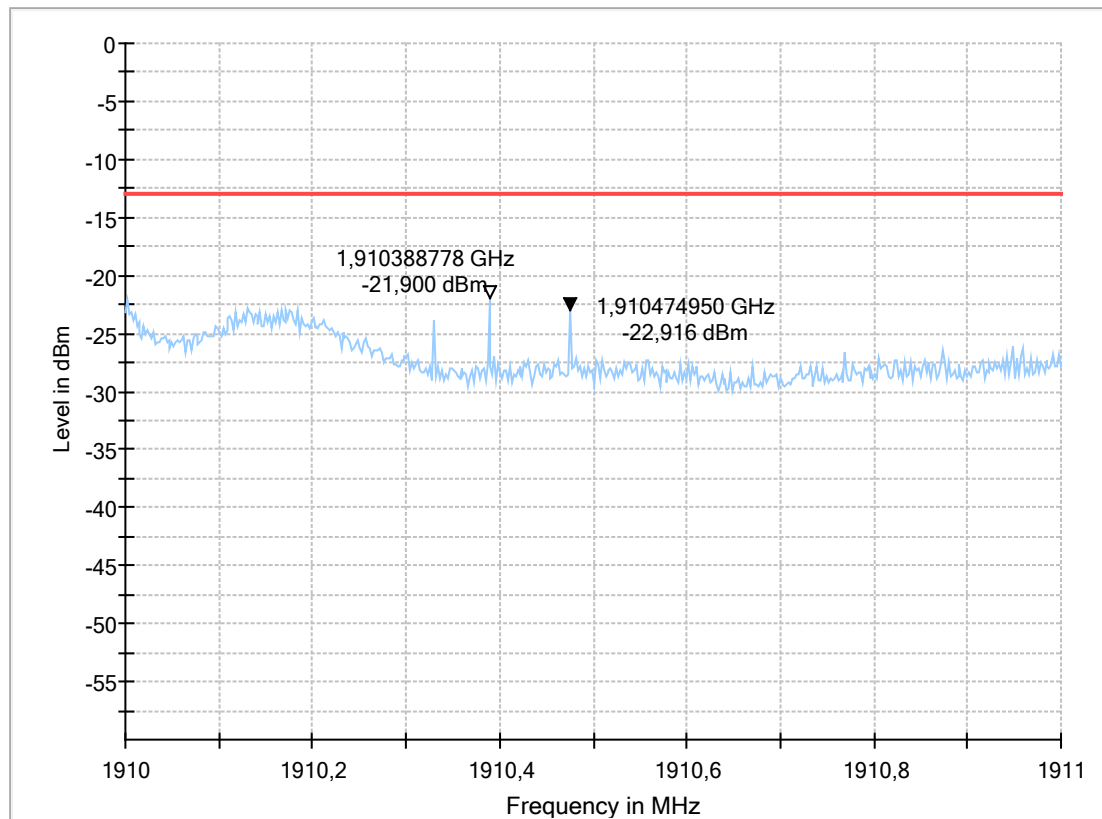
Test Description:	Band-Edge high - Radiated Spurious Emissions UMTS FDDII
Test Site:	CETECOM GmbH Essen
Test Standard:	Fully Anechoic Room (FAR)
Environment Conditions:	Humidity: 40 %rH; Temperature:20°C
Operator Name:	Rls
Comment:	

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
EuT:	cTP/TDC MID DTNA-4G

HW Version:	9134G05
SW Version:	17.02.S.016
Serial Number:	2950006922
Connected Interfaces:	Main wiring + DTNA Antenna
Power Supply:	24 V DC

Full Spectrum



1.9. Radiated emissions on FDD Band IV band-edge

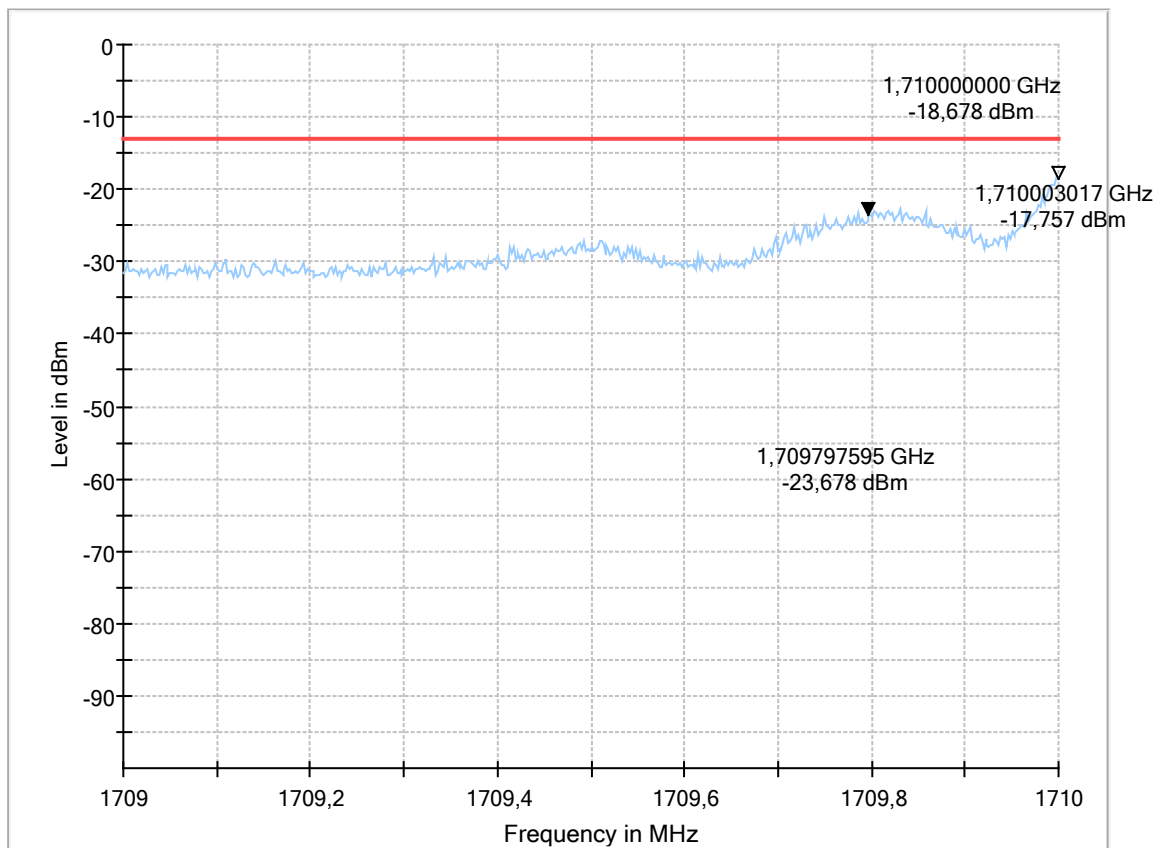
9.30_BE_R_FDDIV_Ch1312_RMC

Common Information

Test Description:	Band-Edge low - Radiated Spurious Emissions UMTS FDDIV
Test Site:	CETECOM GmbH Essen
Test Standard:	Fully Anechoic Room (FAR)
Environment Conditions:	Humidity: 40 %rH; Temperature:20°C
Operator Name:	npe
Comment:	

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
EuT:	cTP/TDC MID DTNA-4G
-----	-----
HW Version:	9134G05
SW Version:	17.02.S.016
Serial Number:	2950006922
Connected Interfaces:	Main wiring + DTNA Antenna
Power Supply:	24 V DC



9.31_BE_R_FDDIV_Ch1513_RMC

Common Information

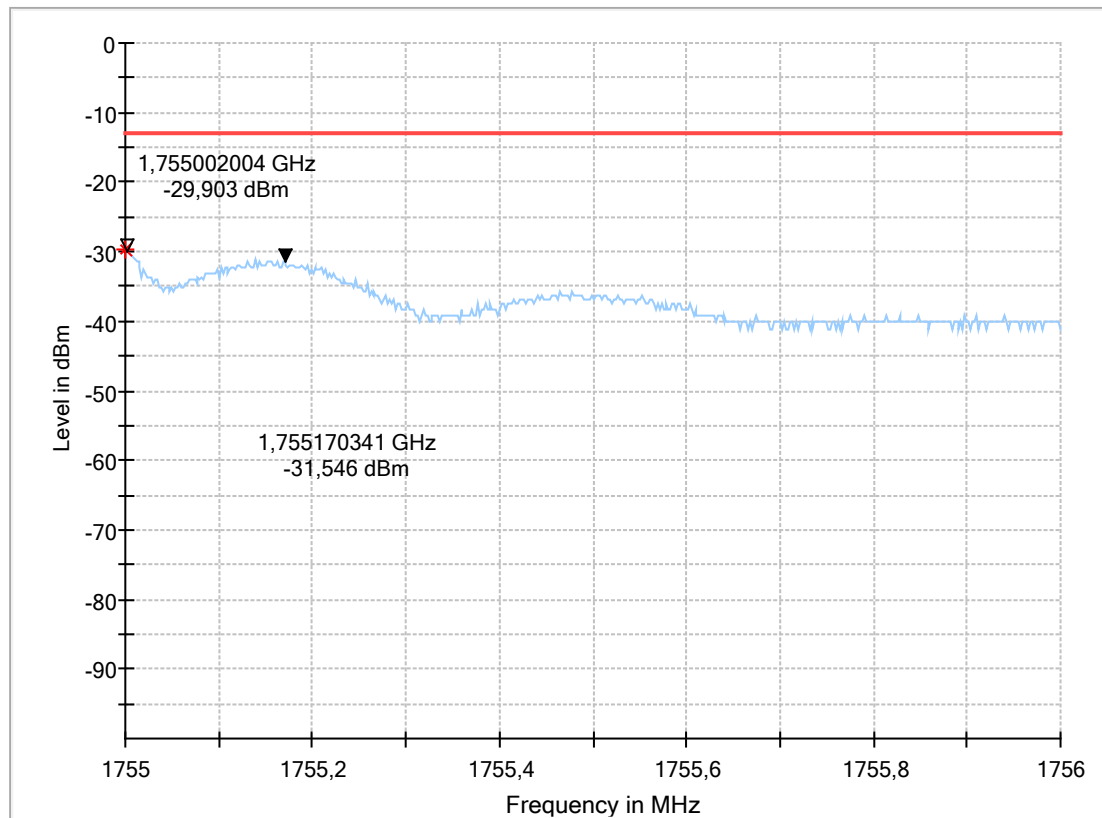
Test Description:	Radiated Spurious Emissions Part 27
Test Site Location:	CETECOM GmbH Essen
Test Site:	Fully Anechoic Room (FAR)
Test Standard:	FCC Part 27
Comm. Link:	FDDIV, RMC99
Operating Mode:	MS allocated channel 1513
Exclusionband:--	
Environmental Conditions:	Humidity: 50%rH; Temperature: 20°C
Operator:	npe

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
EuT:	cTP/TDC MID DTNA-4G

HW Version:	9134G05
SW Version:	17.02.S.016
Serial Number:	2950006922
Connected Interfaces:	Main wiring + DTNA Antenna
Power Supply:	24 V DC

Full Spectrum



1.10. Radiated emissions on FDD Band V band-edge 9.40_BE_R_Ch4132_RMC

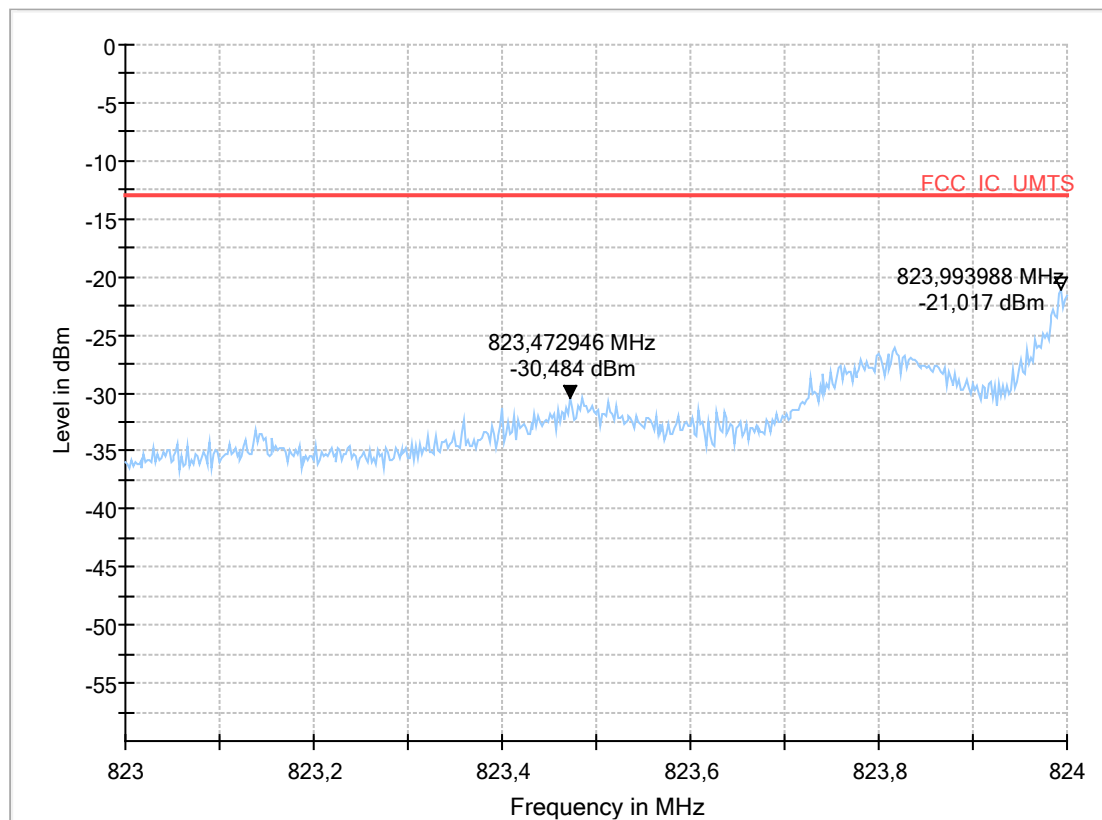
Common Information

Test Description:	Band-Edge low - Radiated Spurious Emissions UMTS FDDV
Test Site Location:	CETECOM GmbH Essen
Test Site:	Fully Anechoic Room (FAR)
Test Standard:	FCC Part 22.917(a)
Operating Mode:	UE allocated channel 4132
Environmental Conditions:	Humidity: 48%rH; Temperature: 20°C
Operator:	RI

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
EuT:	cTP/TDC MID DTNA-4G
-----	-----
HW Version:	9134G05
SW Version:	17.02.S.016
Serial Number:	2950006922
Connected Interfaces:	Main wiring + DTNA Antenna
Power Supply:	24 V DC

Full Spectrum



9.41_BE_R_Ch4233_RMC

Common Information

Test Description:	Band-Edge high - Radiated Spurious Emissions UMTS FDDV
Test Site Location:	CETECOM GmbH Essen
Test Site:	Fully Anechoic Room (FAR)
Test Standard:	FCC Part 22.917(a)
Operating Mode:	UE allocated channel 4132
Environmental Conditions:	Humidity: 48%rH; Temperature: 20°C
Operator:	RLs

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
EuT:	cTP/TDC MID DTNA-4G

HW Version:	9134G05
SW Version:	17.02.S.016
Serial Number:	2950006922
Connected Interfaces:	Main wiring + DTNA Antenna
Power Supply:	24 V DC

Full Spectrum

