

Annex 1: Measurement diagrams 22-1-0030601T050a-A1-C01

Number of pages:	458	Date of Report:	2023-Apr-04
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:	Continental Automotive Technologies GmbH
Product: Model:	Telematic Control Unit BSRF_EA_RW0		
FCC ID:	KR5-BSRFEARW0		
Testing has been carried out in accordance with:	FCC Regulations Title 47 CFR, Chapter I, Subchapter A, Part 15 Subpart E Unlicensed National Information Infrastructure Devices § 15.407 General technical requirements		

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1 Measurement diagrams

1.1 Radiated measurements

2.01a_a-mode_ch036

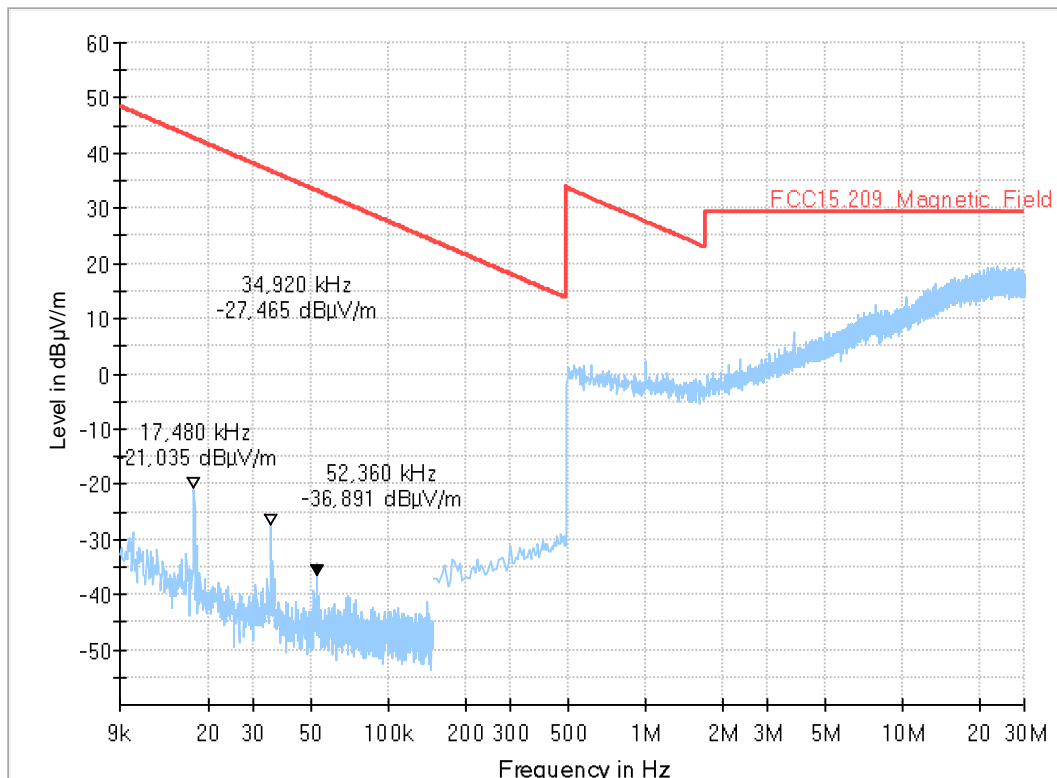
Common Information

Test description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test Site Location:	Ref.-Nr. 441 Semi Anechoic Chamber (SAC1) with 3 m measurement distance
Version of Testsoftware:	EMC32 V10.50.0
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 Standard:	FCC 15.205 § 15.209; RSS-Gen: Issue 5
Operator:	npe
Operating Mode:	Continous TX
Power during tests:	12 VDC
Comment 1:	a-mode_ch036
Comment 2:	
Environmental Conditions:	Humidity : 61%rH; Temperature: 21°C
EUT Setup:	laying
Verdict:	Passed

EUT Information

PMT Sample number:	22-1-00306S178_C01
Manufacturer:	Continental Automotive Technologies GmbH

Full Spectrum



2.01b_a-mode_ch036

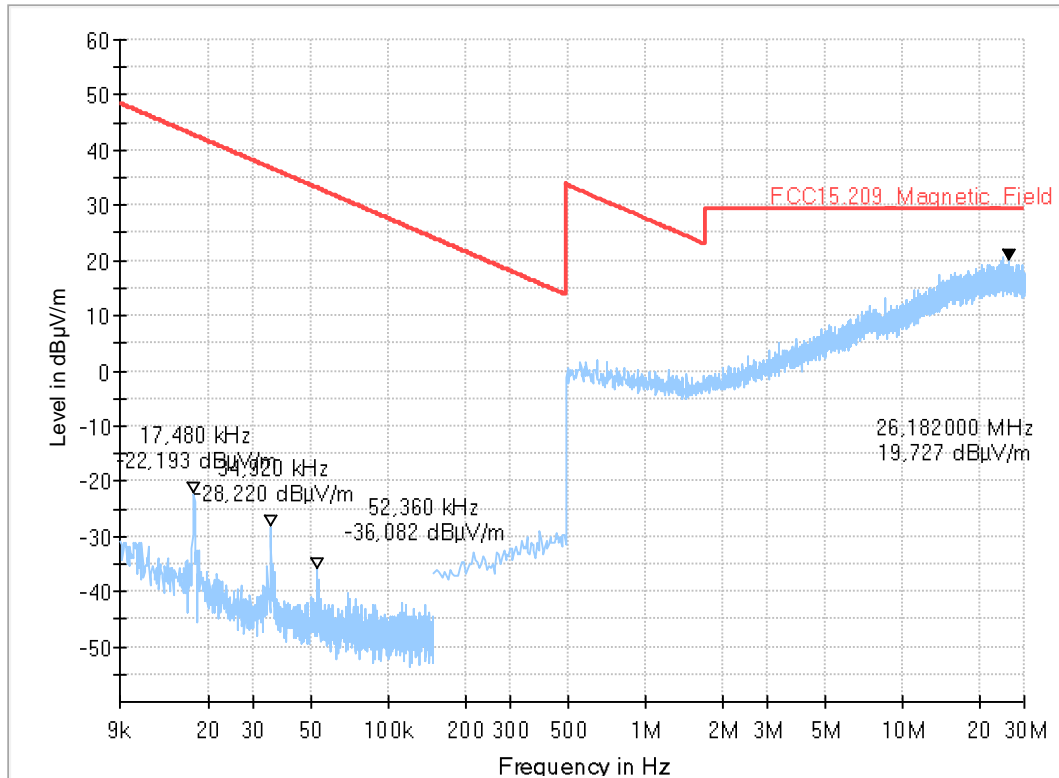
Common Information

Test description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test Site Location:	Ref.-Nr. 441 Semi Anechoic Chamber (SAC1) with 3 m measurement distance
Version of Testsoftware:	EMC32 V10.50.0
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 Standard:	FCC 15.205 § 15.209; RSS-Gen: Issue 5
Operator:	npe
Operating Mode:	Continous TX
Power during tests:	12 VDC
Comment 1:	a-mode_ch036
Comment 2:	
Environmental Conditions:	Humidity : 61%rH; Temperature: 21°C
EUT Setup:	standing
Verdict:	Passed

EUT Information

PMT Sample number:	22-1-00306S178_C01
Manufacturer:	Continental Automotive Technologies GmbH

Full Spectrum



2.02_n20-mode_ch044

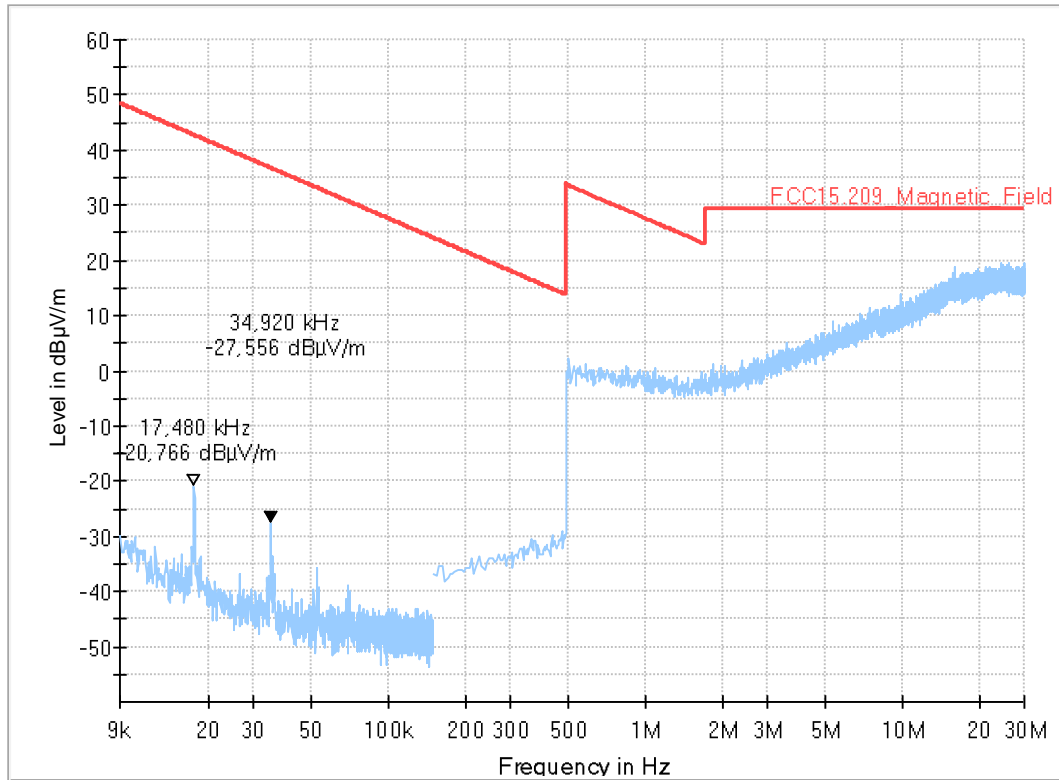
Common Information

Test description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test Site Location:	Ref.-Nr. 441 Semi Anechoic Chamber (SAC1) with 3 m measurement distance
Version of Testsoftware:	EMC32 V10.50.0
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 Standard:	FCC 15.205 § 15.209; RSS-Gen: Issue 5
Operator:	npe
Operating Mode:	Continous TX
Power during tests:	12 VDC
Comment 1:	n20-mode_ch044
Comment 2:	
Environmental Conditions:	Humidity : 61%rH; Temperature: 21°C
EUT Setup:	laying
Verdict:	Passed

EUT Information

PMT Sample number:	22-1-00306S178_C01
Manufacturer:	Continental Automotive Technologies GmbH

Full Spectrum



2.03_ac20-mode_ch048

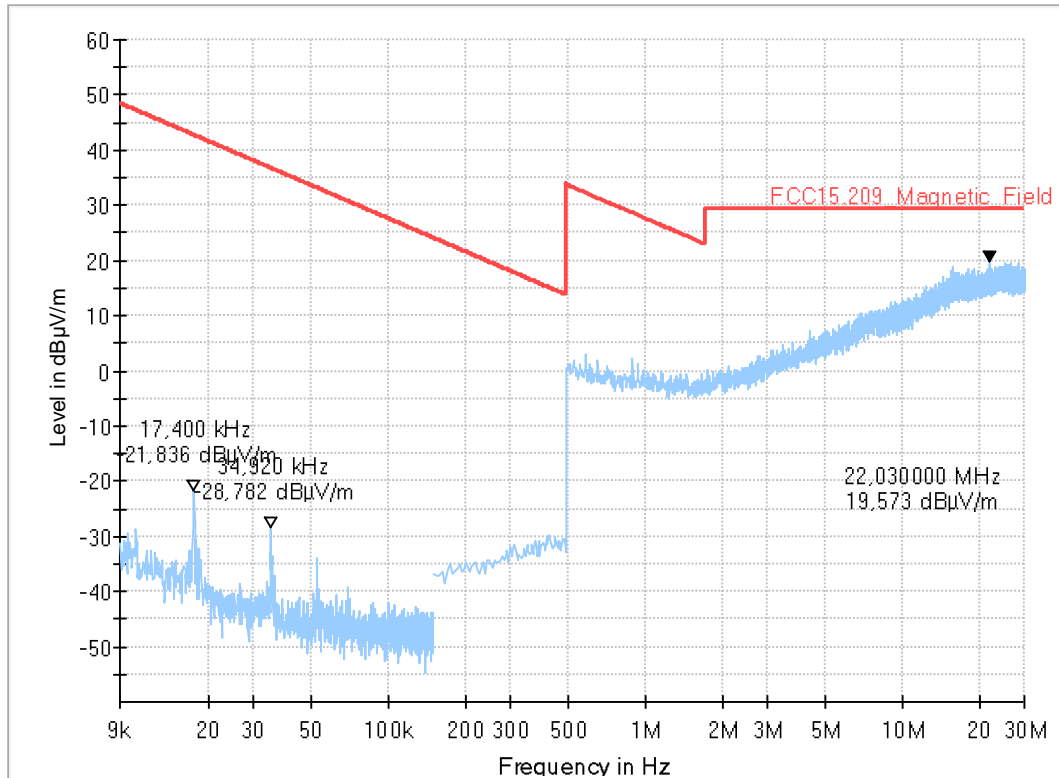
Common Information

Test description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test Site Location:	Ref.-Nr. 441 Semi Anechoic Chamber (SAC1) with 3 m measurement distance
Version of Testsoftware:	EMC32 V10.50.0
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 Standard:	FCC 15.205 § 15.209; RSS-Gen: Issue 5
Operator:	npe
Operating Mode:	Continous TX
Power during tests:	12 VDC
Comment 1:	ac20-mode_ch048
Comment 2:	
Environmental Conditions:	Humidity : 61%rH; Temperature: 21°C
EUT Setup:	laying
Verdict:	Passed

EUT Information

PMT Sample number:	22-1-00306S178_C01
Manufacturer:	Continental Automotive Technologies GmbH

Full Spectrum



2.04_a-mode_ch149

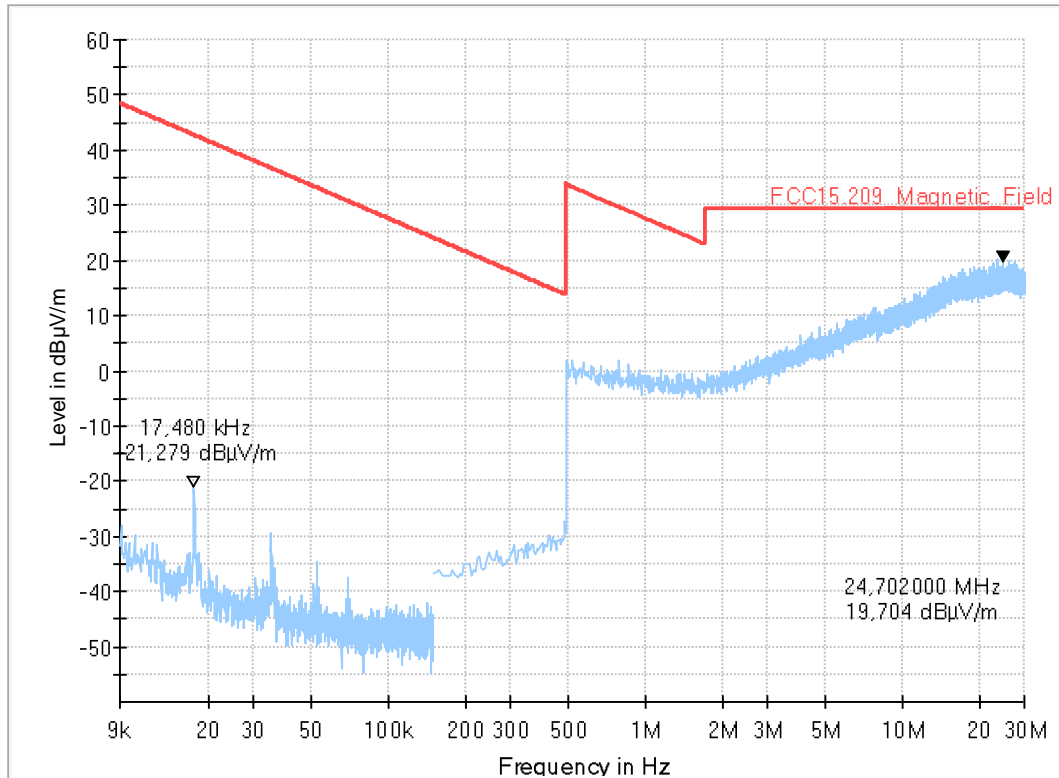
Common Information

Test description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test Site Location:	Ref.-Nr. 441 Semi Anechoic Chamber (SAC1) with 3 m measurement distance
Version of Testsoftware:	EMC32 V10.50.0
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 Standard:	FCC 15.205 § 15.209; RSS-Gen: Issue 5
Operator:	npe
Operating Mode:	Continuous TX
Power during tests:	12 VDC
Comment 1:	a-mode_ch149
Comment 2:	
Environmental Conditions:	Humidity : 61%rH; Temperature: 21°C
EUT Setup:	laying
Verdict:	Passed

EUT Information

PMT Sample number:	22-1-00306S178_C01
Manufacturer:	Continental Automotive Technologies GmbH

Full Spectrum



2.05_n20-mode_ch157

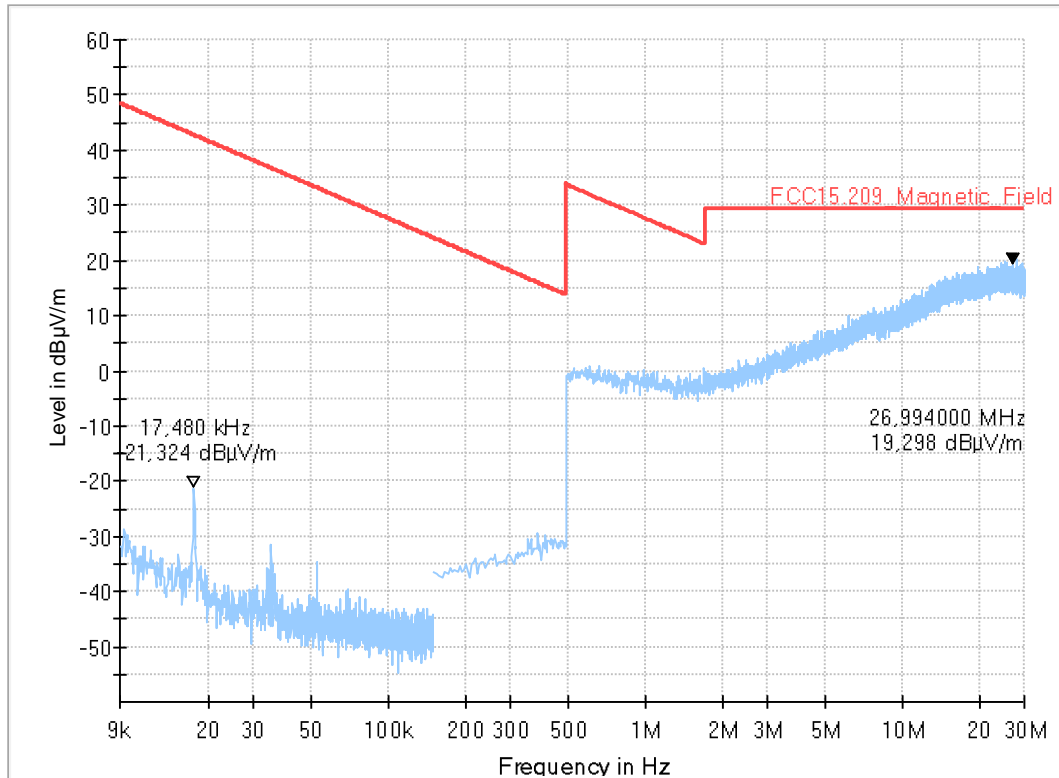
Common Information

Test description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test Site Location:	Ref.-Nr. 441 Semi Anechoic Chamber (SAC1) with 3 m measurement distance
Version of Testsoftware:	EMC32 V10.50.0
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 Standard:	FCC 15.205 § 15.209; RSS-Gen: Issue 5
Operator:	npe
Operating Mode:	Continuous TX
Power during tests:	12 VDC
Comment 1:	n20-mode_ch157
Comment 2:	
Environmental Conditions:	Humidity : 61%rH; Temperature: 21°C
EUT Setup:	laying
Verdict:	Passed

EUT Information

PMT Sample number:	22-1-00306S178_C01
Manufacturer:	Continental Automotive Technologies GmbH

Full Spectrum



2.06_ac20-mode_ch165

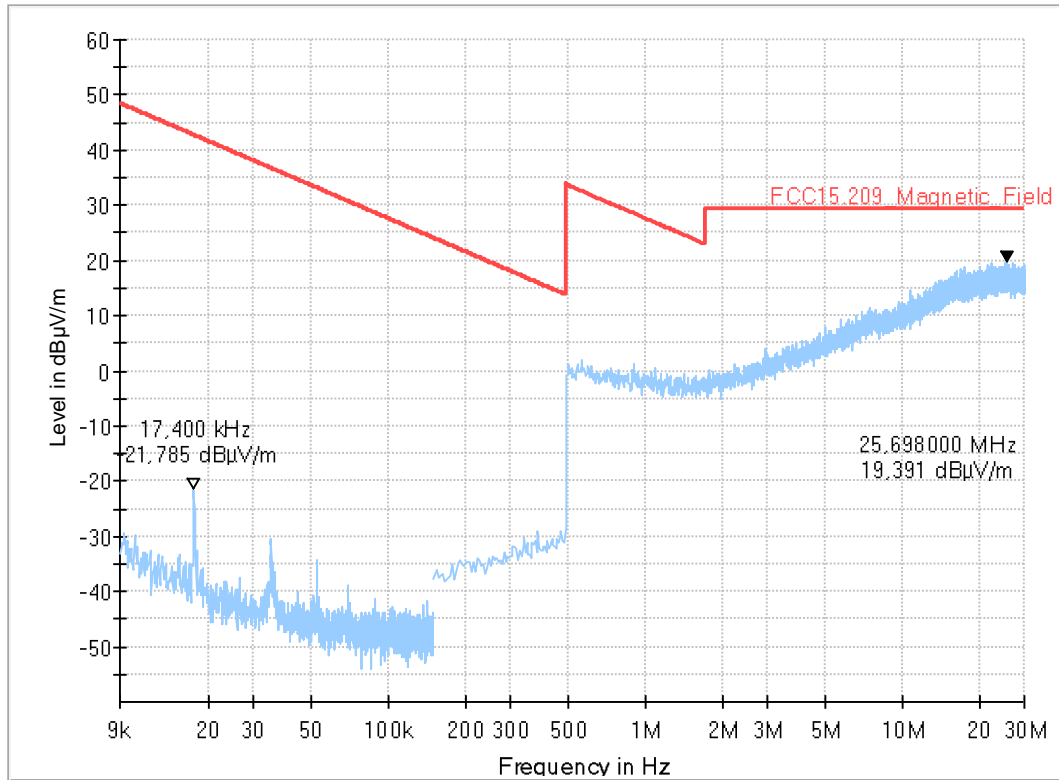
Common Information

Test description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test Site Location:	Ref.-Nr. 441 Semi Anechoic Chamber (SAC1) with 3 m measurement distance
Version of Testsoftware:	EMC32 V10.50.0
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 Standard:	FCC 15.205 § 15.209; RSS-Gen: Issue 5
Operator:	npe
Operating Mode:	Continuous TX
Power during tests:	12 VDC
Comment 1:	ac20-mode_ch165
Comment 2:	
Environmental Conditions:	Humidity : 61%rH; Temperature: 21°C
EUT Setup:	laying
Verdict:	Passed

EUT Information

PMT Sample number:	22-1-00306S178_C01
Manufacturer:	Continental Automotive Technologies GmbH

Full Spectrum



2.07_n40-mode_ch038

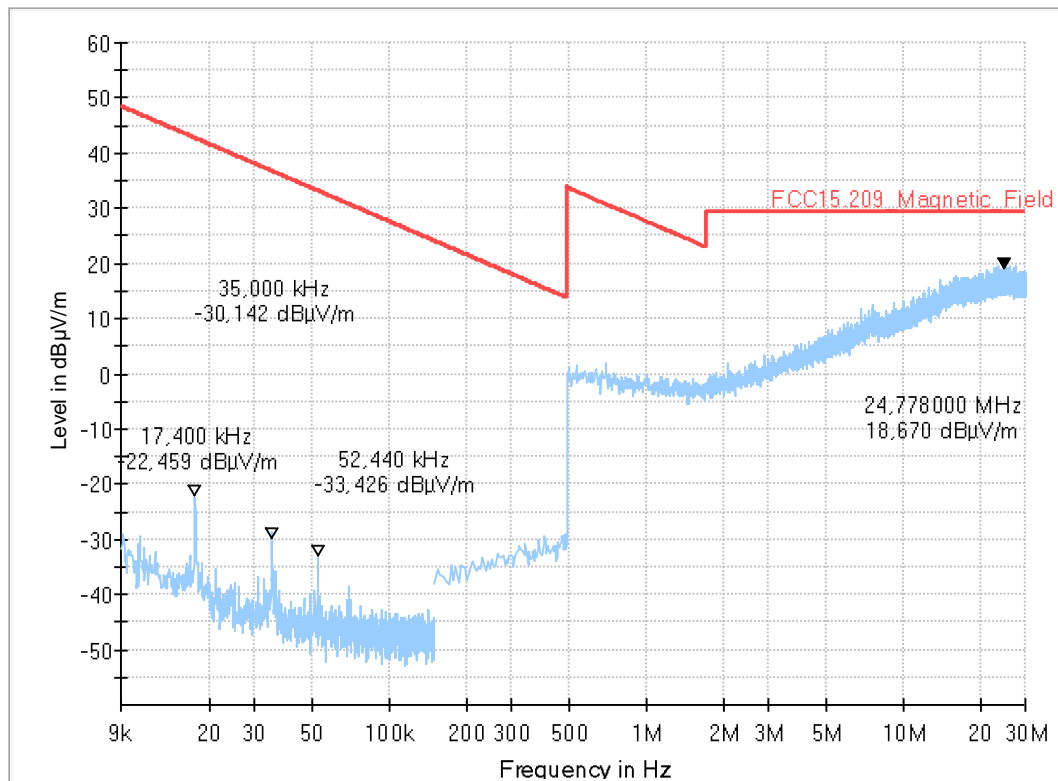
Common Information

Test description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test Site Location:	Ref.-Nr. 441 Semi Anechoic Chamber (SAC1) with 3 m measurement distance
Version of Testsoftware:	EMC32 V10.50.0
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 Standard:	FCC 15.205 § 15.209; RSS-Gen: Issue 5
Operator:	npe
Operating Mode:	Continuous TX
Power during tests:	12 VDC
Comment 1:	n40-mode_ch038
Comment 2:	
Environmental Conditions:	Humidity : 61%rH; Temperature: 21°C
EUT Setup:	laying
Verdict:	Passed

EUT Information

PMT Sample number:	22-1-00306S178_C01
Manufacturer:	Continental Automotive Technologies GmbH

Full Spectrum



2.08_ac40-mode_ch046

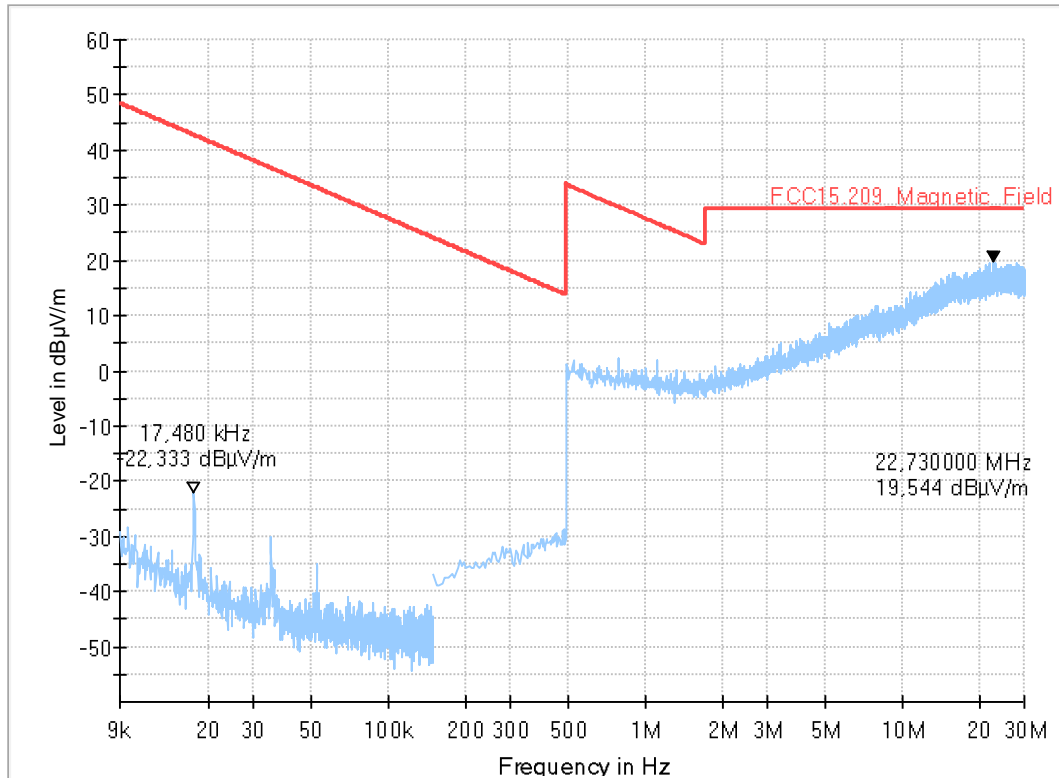
Common Information

Test description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test Site Location:	Ref.-Nr. 441 Semi Anechoic Chamber (SAC1) with 3 m measurement distance
Version of Testsoftware:	EMC32 V10.50.0
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 Standard:	FCC 15.205 § 15.209; RSS-Gen: Issue 5
Operator:	npe
Operating Mode:	Continous TX
Power during tests:	12 VDC
Comment 1:	ac40-mode_ch046
Comment 2:	
Environmental Conditions:	Humidity : 61%rH; Temperature: 21°C
EUT Setup:	laying
Verdict:	Passed

EUT Information

PMT Sample number:	22-1-00306S178_C01
Manufacturer:	Continental Automotive Technologies GmbH

Full Spectrum



2.09_n40-mode_ch151

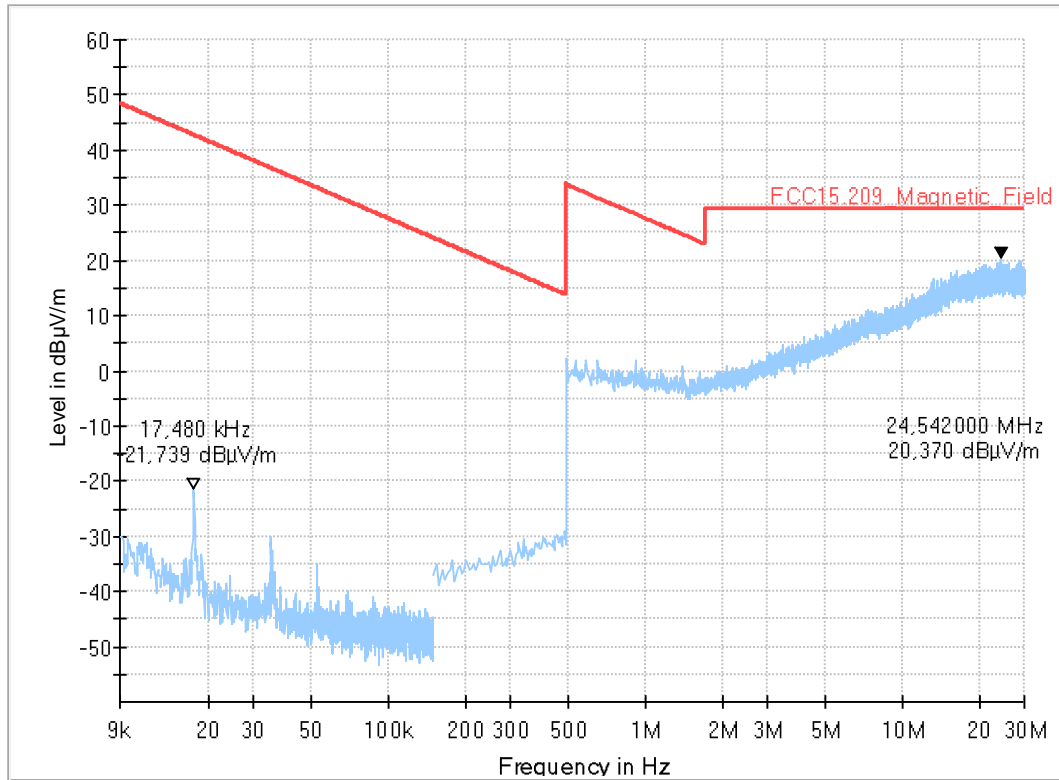
Common Information

Test description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test Site Location:	Ref.-Nr. 441 Semi Anechoic Chamber (SAC1) with 3 m measurement distance
Version of Testsoftware:	EMC32 V10.50.0
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 Standard:	FCC 15.205 § 15.209; RSS-Gen: Issue 5
Operator:	npe
Operating Mode:	Continuous TX
Power during tests:	12 VDC
Comment 1:	n40-mode_ch0151
Comment 2:	
Environmental Conditions:	Humidity : 61%rH; Temperature: 21°C
EUT Setup:	laying
Verdict:	Passed

EUT Information

PMT Sample number:	22-1-00306S178_C01
Manufacturer:	Continental Automotive Technologies GmbH

Full Spectrum



2.10_ac40-mode_ch159

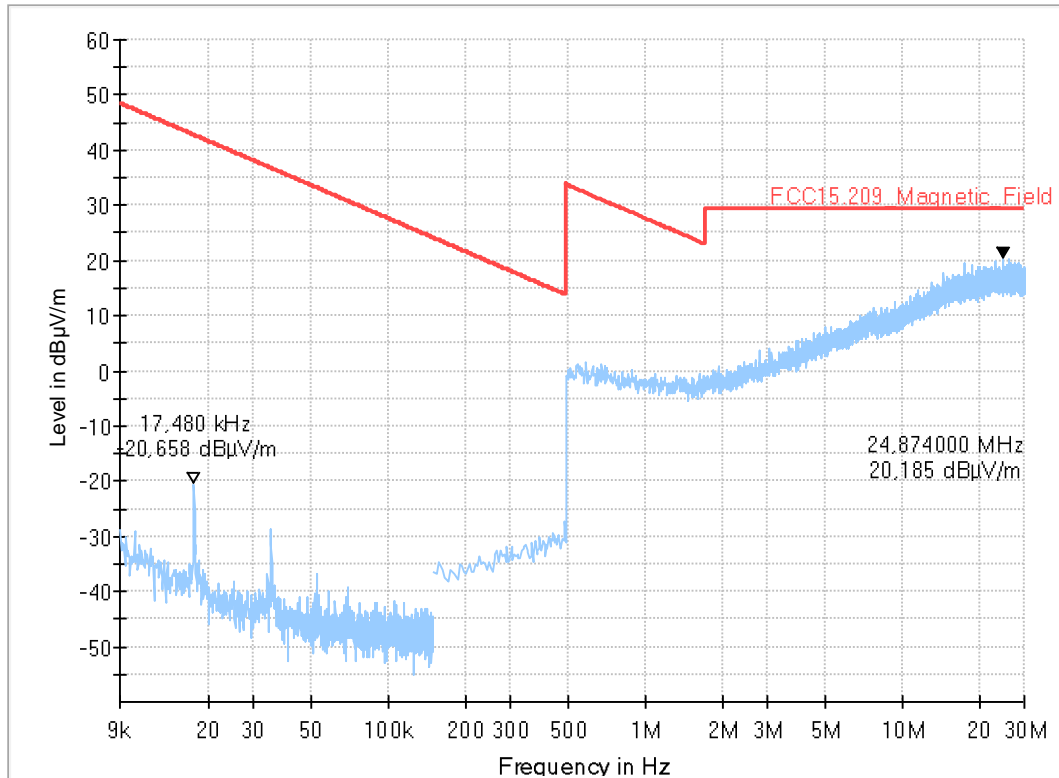
Common Information

Test description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test Site Location:	Ref.-Nr. 441 Semi Anechoic Chamber (SAC1) with 3 m measurement distance
Version of Testsoftware:	EMC32 V10.50.0
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 Standard:	FCC 15.205 § 15.209; RSS-Gen: Issue 5
Operator:	npe
Operating Mode:	Continous TX
Power during tests:	12 VDC
Comment 1:	ac40-mode_ch159
Comment 2:	
Environmental Conditions:	Humidity : 61%rH; Temperature: 21°C
EUT Setup:	laying
Verdict:	Passed

EUT Information

PMT Sample number:	22-1-00306S178_C01
Manufacturer:	Continental Automotive Technologies GmbH

Full Spectrum



2.11_ac80-mode_ch042

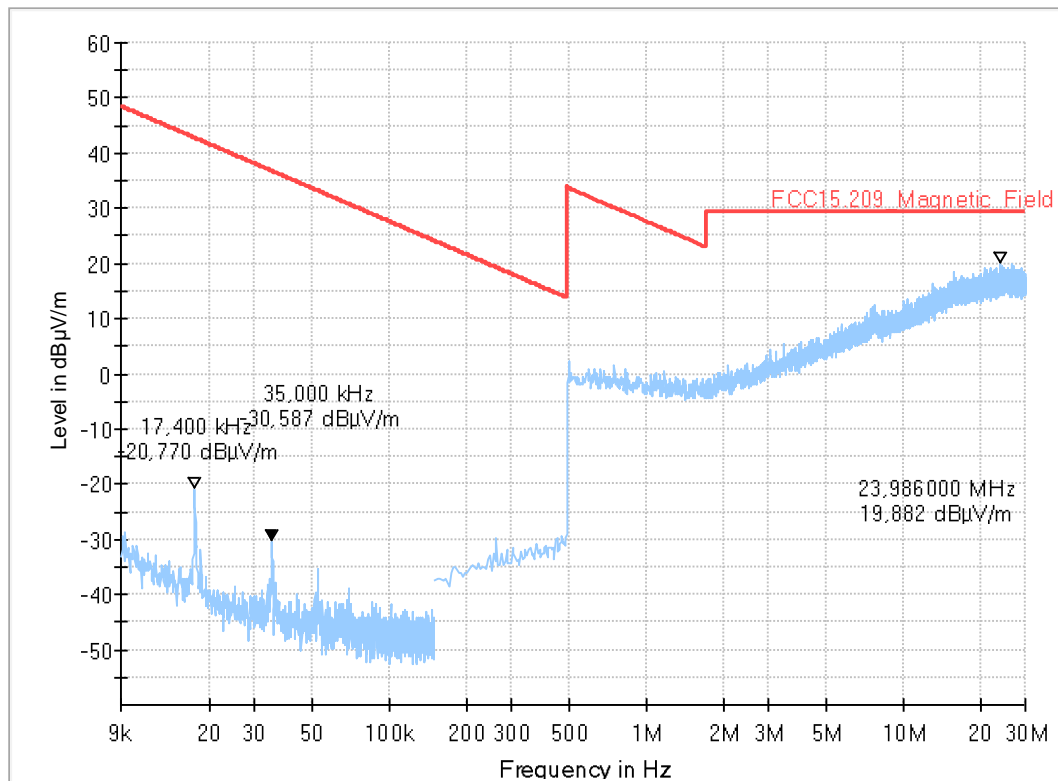
Common Information

Test description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test Site Location:	Ref.-Nr. 441 Semi Anechoic Chamber (SAC1) with 3 m measurement distance
Version of Testsoftware:	EMC32 V10.50.0
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 Standard:	FCC 15.205 § 15.209; RSS-Gen: Issue 5
Operator:	npe
Operating Mode:	Continous TX
Power during tests:	12 VDC
Comment 1:	ac80-mode_ch042
Comment 2:	
Environmental Conditions:	Humidity : 61%rH; Temperature: 21°C
EUT Setup:	laying
Verdict:	Passed

EUT Information

PMT Sample number:	22-1-00306S178_C01
Manufacturer:	Continental Automotive Technologies GmbH

Full Spectrum



2.12_ac80-mode_ch155

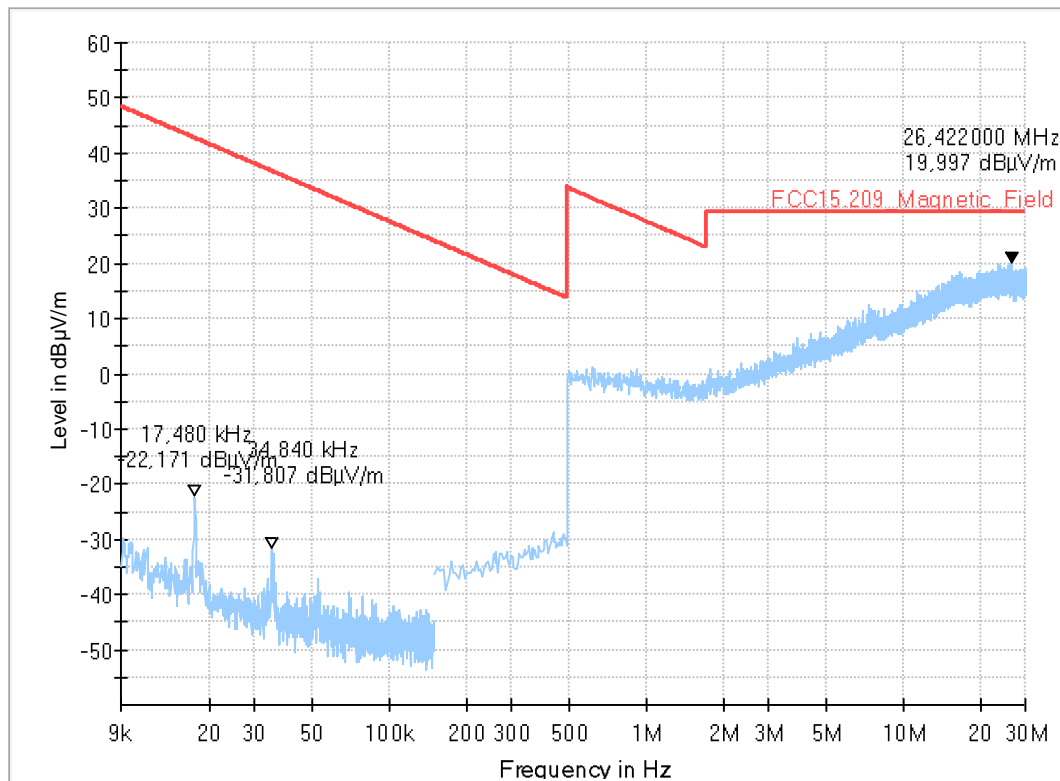
Common Information

Test description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test Site Location:	Ref.-Nr. 441 Semi Anechoic Chamber (SAC1) with 3 m measurement distance
Version of Testsoftware:	EMC32 V10.50.0
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 Standard:	FCC 15.205 § 15.209; RSS-Gen: Issue 5
Operator:	npe
Operating Mode:	Continuous TX
Power during tests:	12 VDC
Comment 1:	ac80-mode_ch042
Comment 2:	
Environmental Conditions:	Humidity : 61%rH; Temperature: 21°C
EUT Setup:	laying
Verdict:	Passed

EUT Information

PMT Sample number:	22-1-00306S178_C01
Manufacturer:	Continental Automotive Technologies GmbH

Full Spectrum



3.01a_a-mode_ch036

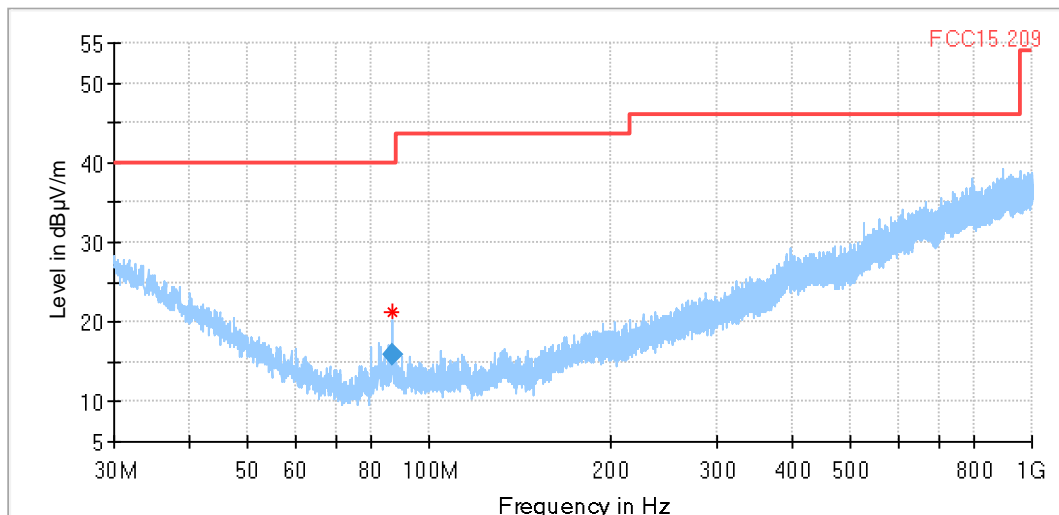
Common Information

Test Description: Radiated field strength emission in 3m distance
 Test Site: CETECOM GmbH Essen
 Test Standard: FCC 15.205&15.209 & RSS Gen. Issue 5
 Antenna polarisation: horizontal/vertical

 Environmental Conditions: Humidity :40%rH; Temperature: 20°C
 Operator Name: HLa
 Operating Mode: a-mode_ch036
 Power supply: 12V
 Verdict: Passed

EUT Information

PMT Sample number: 22-1-003065178_C01
 Manufacturer: Continental Automotive Technologies GmbH



Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
86.950000	15.90	40.00	24.10	120.000	368.0	H	184.0	7.7

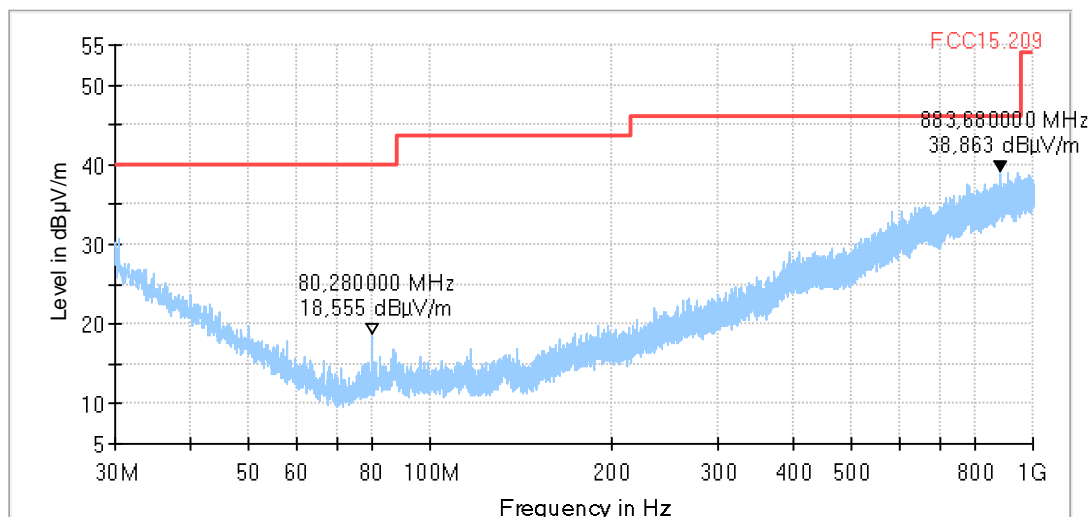
3.01b_a-mode_ch036

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.205&15.209 & RSS Gen. Issue 5
Antenna polarisation:	horizontal/vertical
Environmental Conditions:	Humidity :40%rH; Temperature: 20°C
Operator Name:	HLa
Operating Mode:	a-mode_ch036
Power supply:	12V
Verdict:	Passed

EUT Information

PMT Sample number:	22-1-003065178_C01
Manufacturer:	Continental Automotive Technologies GmbH



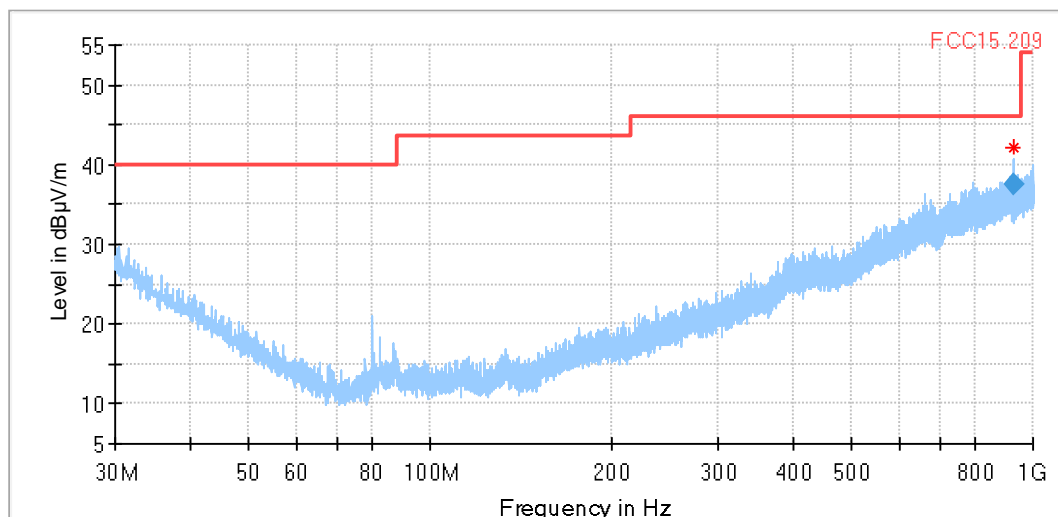
3.02_n20-mode_ch044

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.205&15.209 & RSS Gen. Issue 5
Antenna polarisation:	horizontal/vertical
Environmental Conditions:	Humidity :40%rH; Temperature: 20°C
Operator Name:	HLa
Operating Mode:	n20-mode_ch044
Power supply:	12V
Verdict:	Passed

EUT Information

PMT Sample number:	22-1-003065178_C01
Manufacturer:	Continental Automotive Technologies GmbH



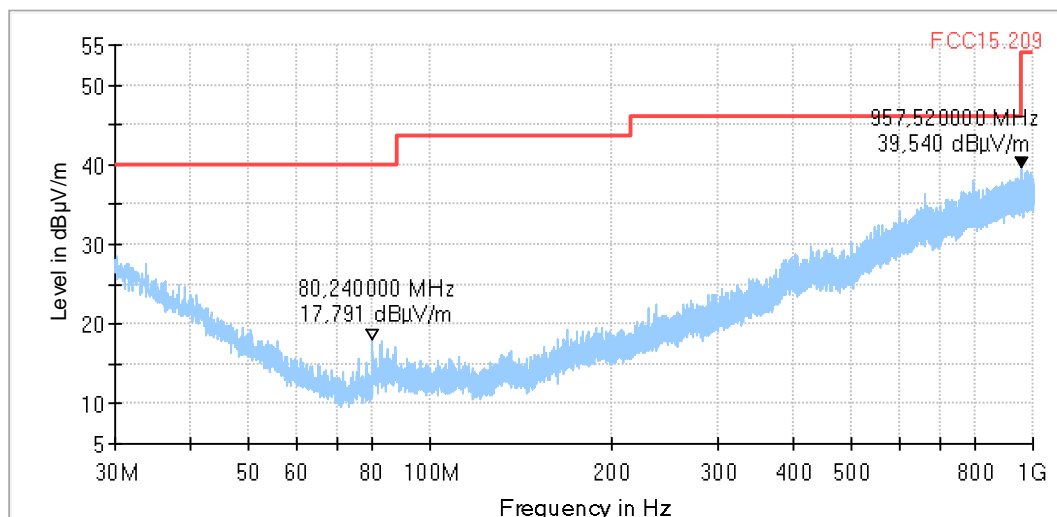
3.03_ac20-mode_ch048

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.205&15.209 & RSS Gen. Issue 5
Antenna polarisation:	horizontal/vertical
Environmental Conditions:	Humidity :40%rH; Temperature: 20°C
Operator Name:	HLa
Operating Mode:	ac20-mode_ch048
Power supply:	12V
Verdict:	Inconclusive

EUT Information

PMT Sample number:	22-1-003065178_C01
Manufacturer:	Continental Automotive Technologies GmbH



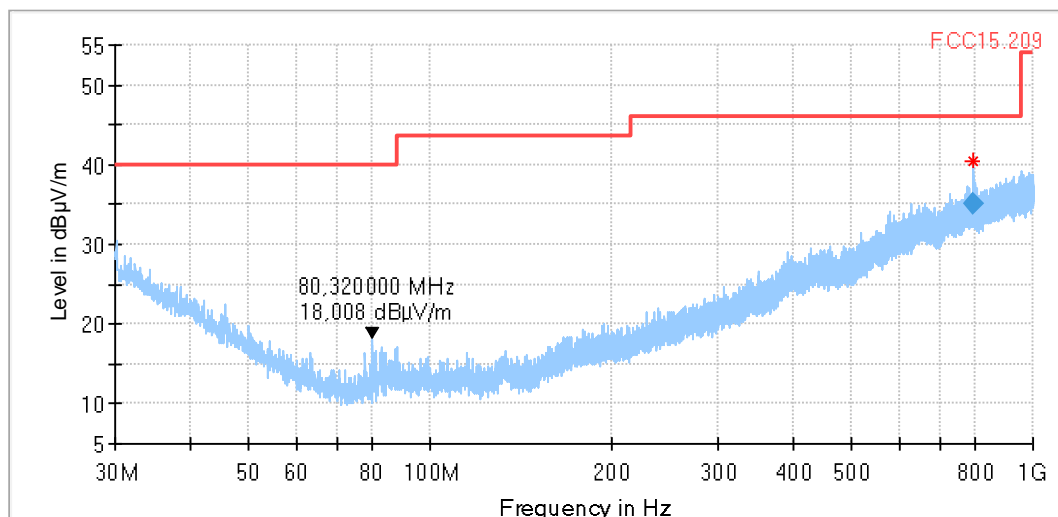
3.04_a-mode_ch149

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.205&15.209 & RSS Gen. Issue 5
Antenna polarisation:	horizontal/vertical
Environmental Conditions:	Humidity :40%rH; Temperature: 20°C
Operator Name:	HLa
Operating Mode:	a-mode_ch149
Power supply:	12V
Verdict:	Passed

EUT Information

PMT Sample number:	22-1-003065178_C01
Manufacturer:	Continental Automotive Technologies GmbH



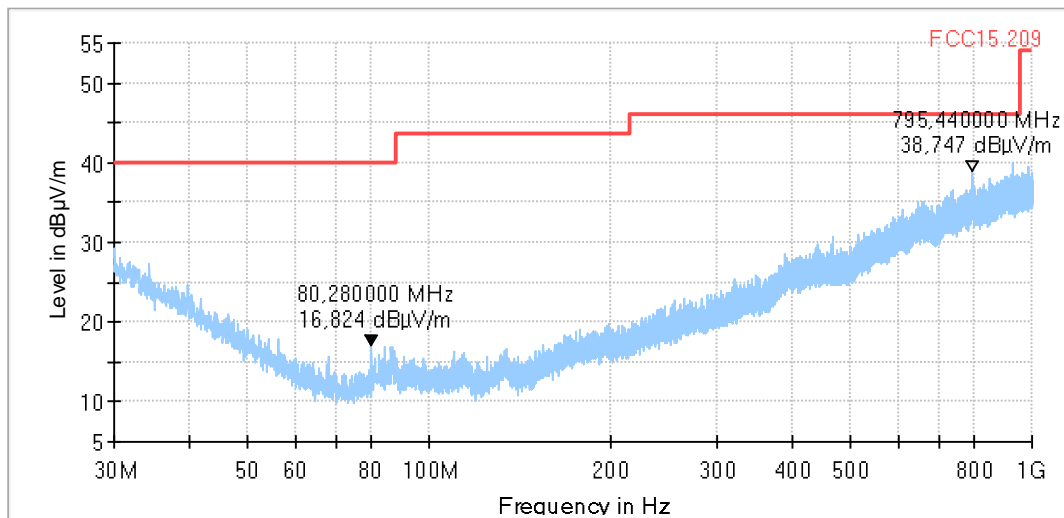
3.05_n20-mode_ch157

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.205&15.209 & RSS Gen. Issue 5
Antenna polarisation:	horizontal/vertical
Environmental Conditions:	Humidity :40%rH; Temperature: 20°C
Operator Name:	HLa
Operating Mode:	n20-mode_ch157
Power supply:	12V
Verdict:	Passed

EUT Information

PMT Sample number:	22-1-003065178_C01
Manufacturer:	Continental Automotive Technologies GmbH



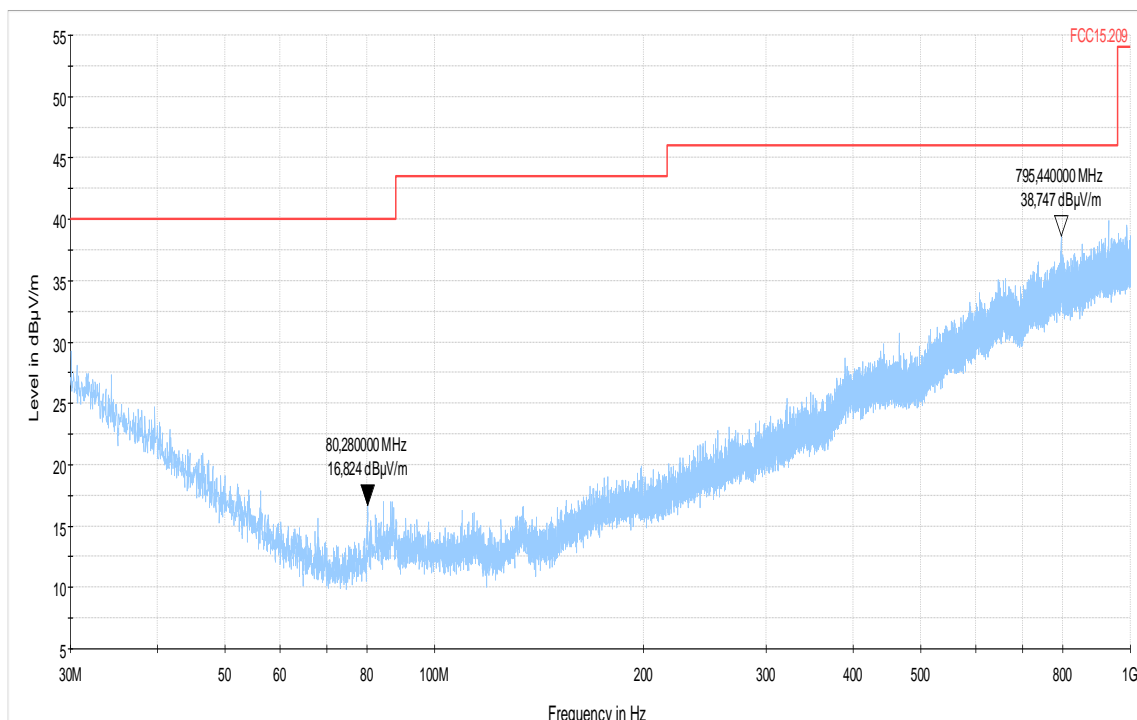
3.06_ac20-mode_ch165

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.205&15.209 & RSS Gen. Issue 5
Antenna polarisation:	horizontal/vertical
Environmental Conditions:	Humidity :40%rH; Temperature: 20°C
Operator Name:	HLa
Operating Mode:	ac20-mode_ch165
Power supply:	12V
Verdict:	Passed

EUT Information

PMT Sample number:	22-1-003065178_C01
Manufacturer:	Continental Automotive Technologies GmbH



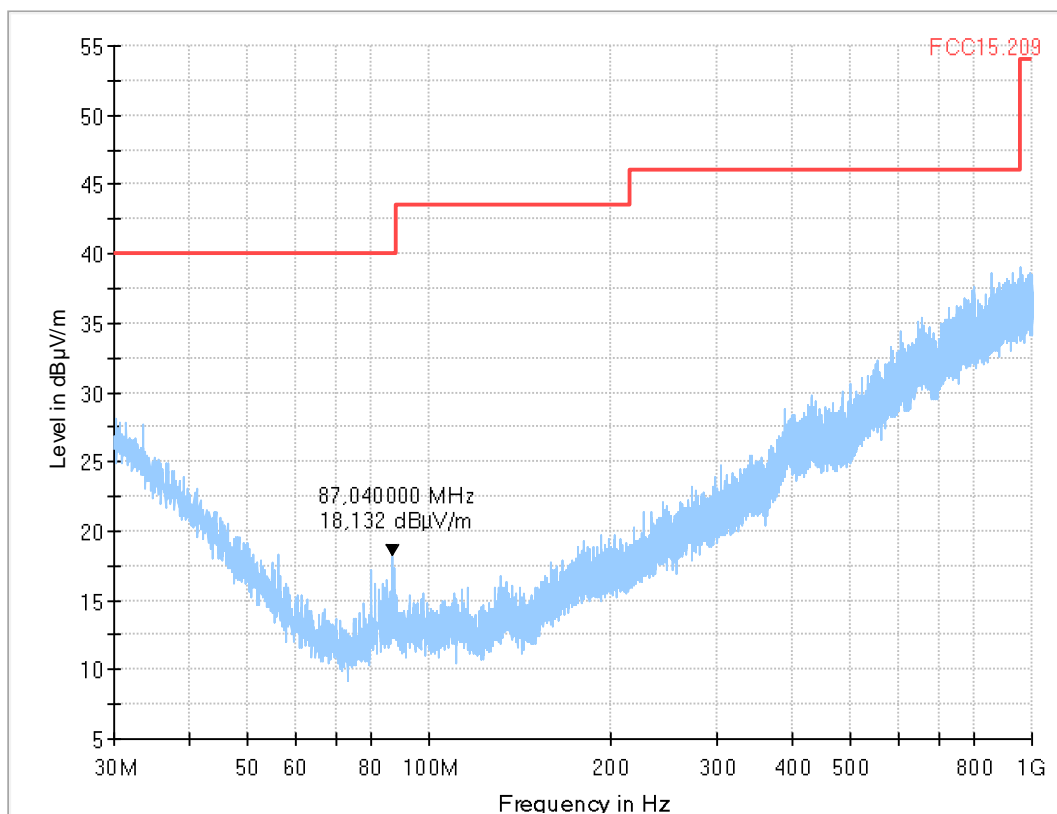
3.07_n40-mode_ch038

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.205&15.209 & RSS Gen. Issue 5
Antenna polarisation:	horizontal/vertical
Environmental Conditions:	Humidity :40%rH; Temperature: 20°C
Operator Name:	HLa
Operating Mode:	n40-mode_ch038
Power supply:	12V
Verdict:	Passed

EUT Information

PMT Sample number:	22-1-003065178_C01
Manufacturer:	Continental Automotive Technologies GmbH



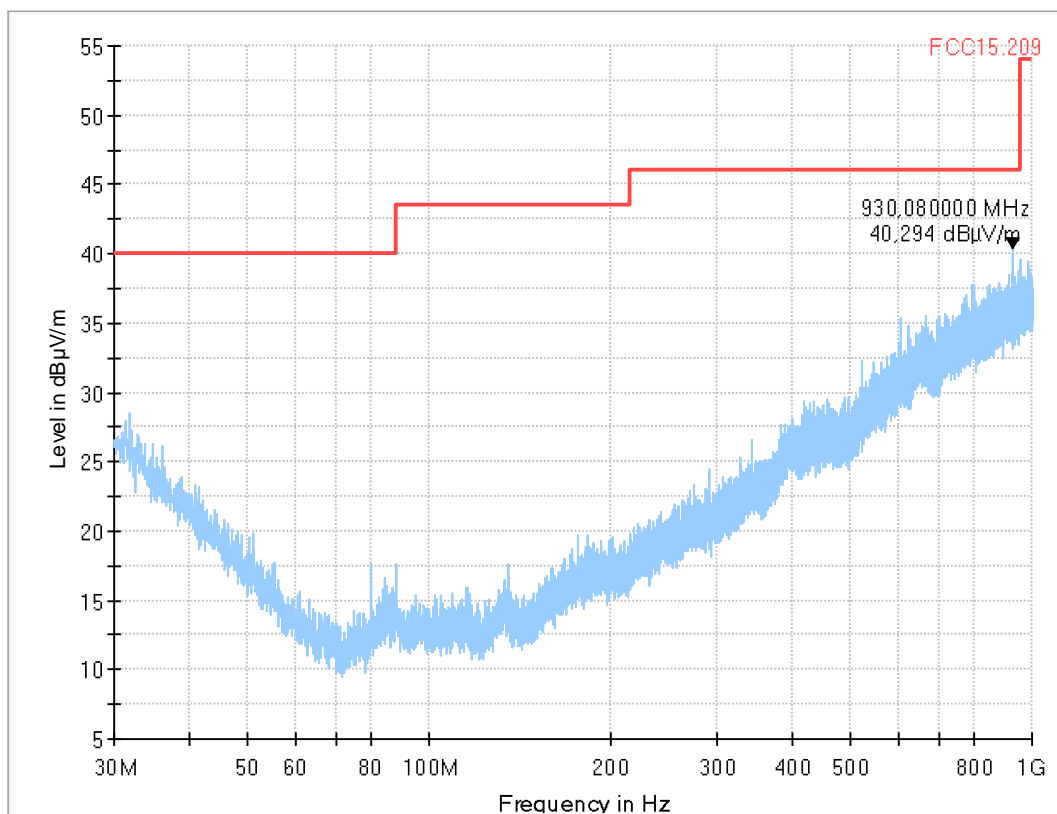
3.08_ac40-mode_ch046

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.205&15.209 & RSS Gen. Issue 5
Antenna polarisation:	horizontal/vertical
Environmental Conditions:	Humidity :40%rH; Temperature: 20°C
Operator Name:	npe
Operating Mode:	ac40-mode_ch046
Power supply:	12V
Verdict:	Passed

EUT Information

PMT Sample number:	22-1-003065178_C01
Manufacturer:	Continental Automotive Technologies GmbH



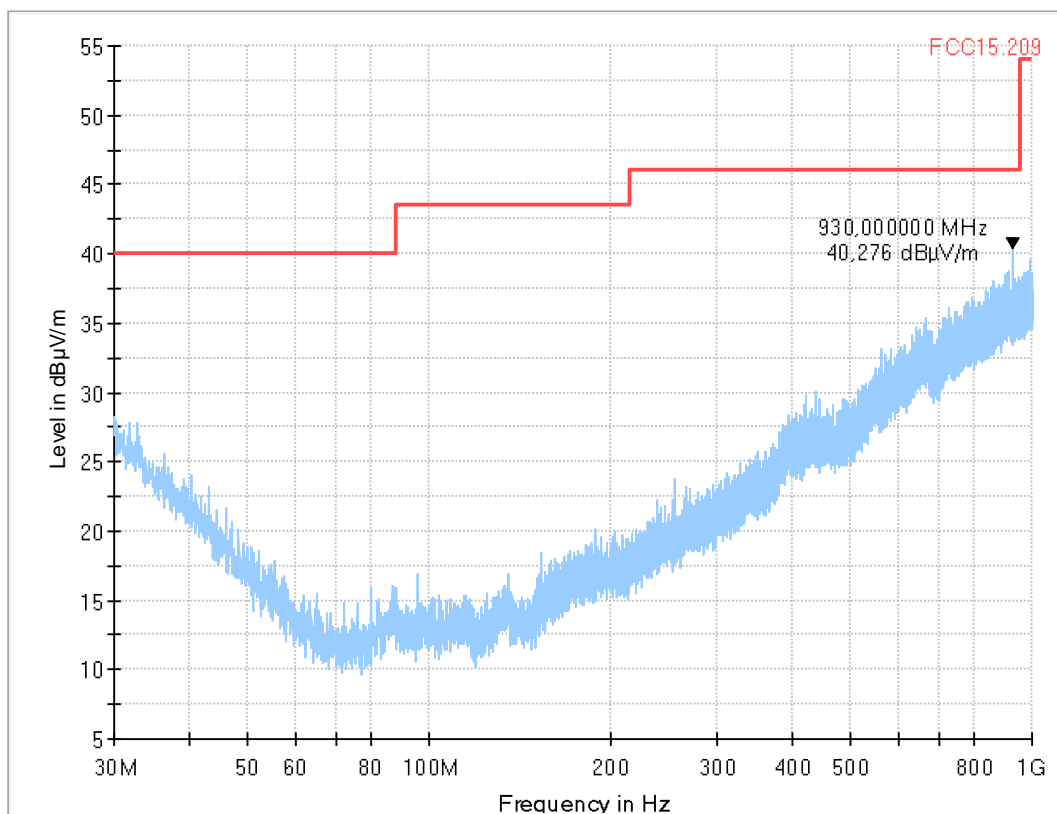
3.09_n40-mode_ch151

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.205&15.209 & RSS Gen. Issue 5
Antenna polarisation:	horizontal/vertical
Environmental Conditions:	Humidity :40%rH; Temperature: 20°C
Operator Name:	npe
Operating Mode:	n40-mode_ch0151
Power supply:	12V
Verdict:	Passed

EUT Information

PMT Sample number:	22-1-003065178_C01
Manufacturer:	Continental Automotive Technologies GmbH



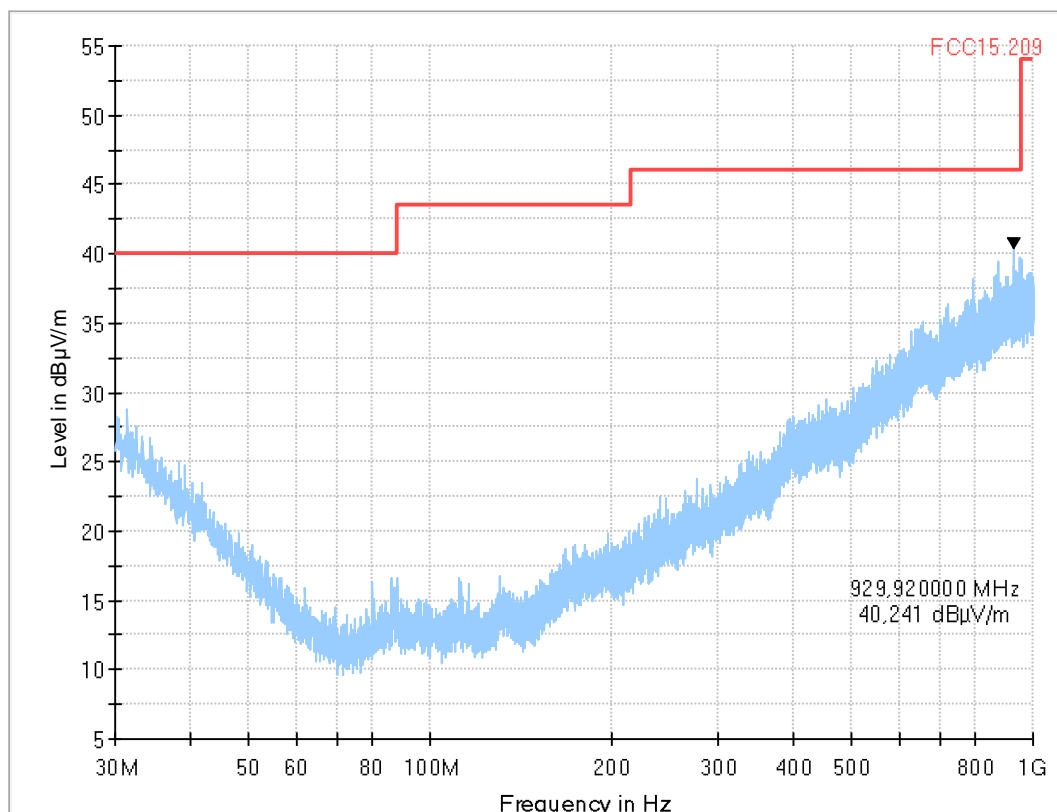
3.10_ac40-mode_ch159

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.205&15.209 & RSS Gen. Issue 5
Antenna polarisation:	horizontal/vertical
Environmental Conditions:	Humidity :40%rH; Temperature: 20°C
Operator Name:	npe
Operating Mode:	ac40-mode_ch159
Power supply:	12V
Verdict:	Passed

EUT Information

PMT Sample number:	22-1-003065178_C01
Manufacturer:	Continental Automotive Technologies GmbH



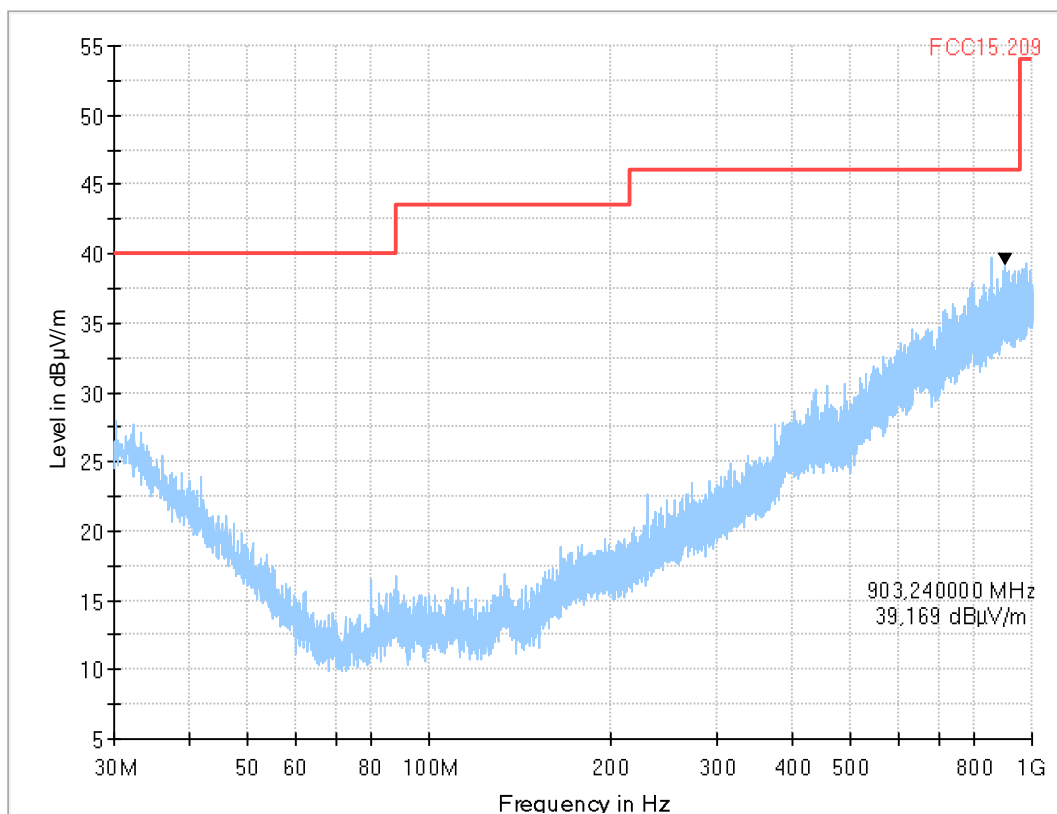
3.11_ac80-mode_ch042

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.205&15.209 & RSS Gen. Issue 5
Antenna polarisation:	horizontal/vertical
Environmental Conditions:	Humidity :40%rH; Temperature: 20°C
Operator Name:	npe
Operating Mode:	ac80-mode_ch042
Power supply:	12V
Verdict:	Passed

EUT Information

PMT Sample number:	22-1-003065178_C01
Manufacturer:	Continental Automotive Technologies GmbH



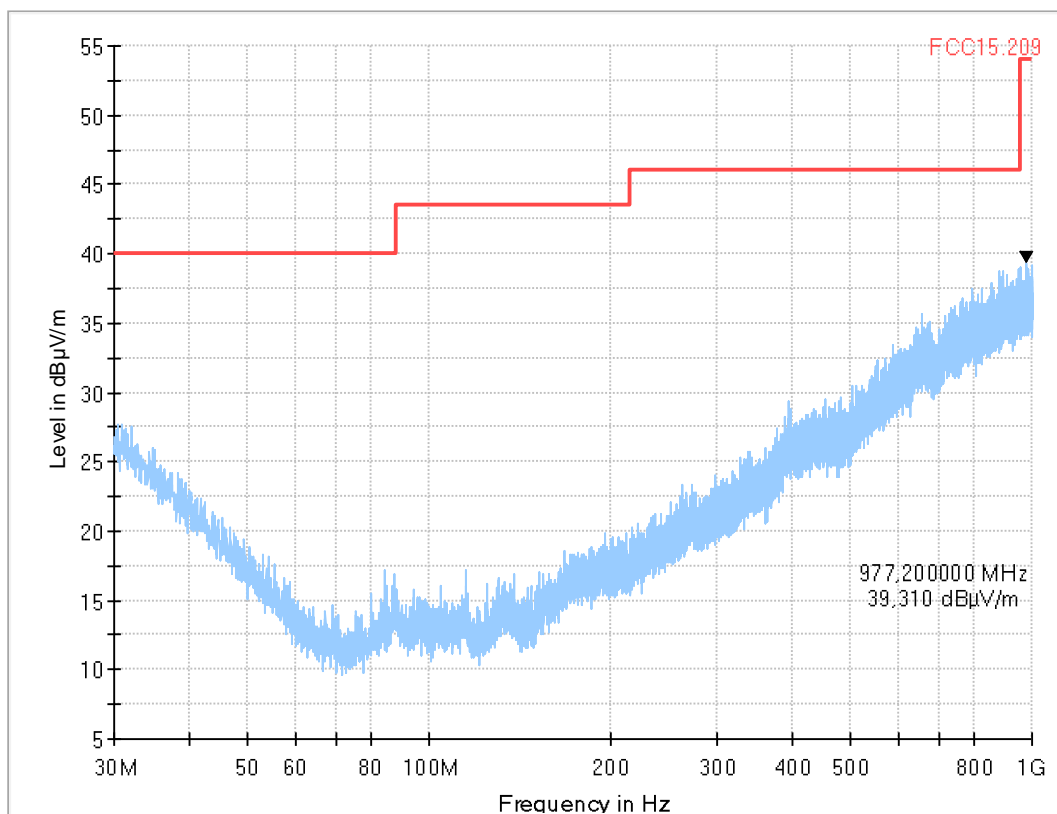
3.12_ac80-mode_ch155

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.205&15.209 & RSS Gen. Issue 5
Antenna polarisation:	horizontal/vertical
Environmental Conditions:	Humidity :40%rH; Temperature: 20°C
Operator Name:	npe
Operating Mode:	ac80-mode_ch155
Power supply:	12V
Verdict:	Passed

EUT Information

PMT Sample number:	22-1-003065178_C01
Manufacturer:	Continental Automotive Technologies GmbH



4.01a_a-mode_ch036

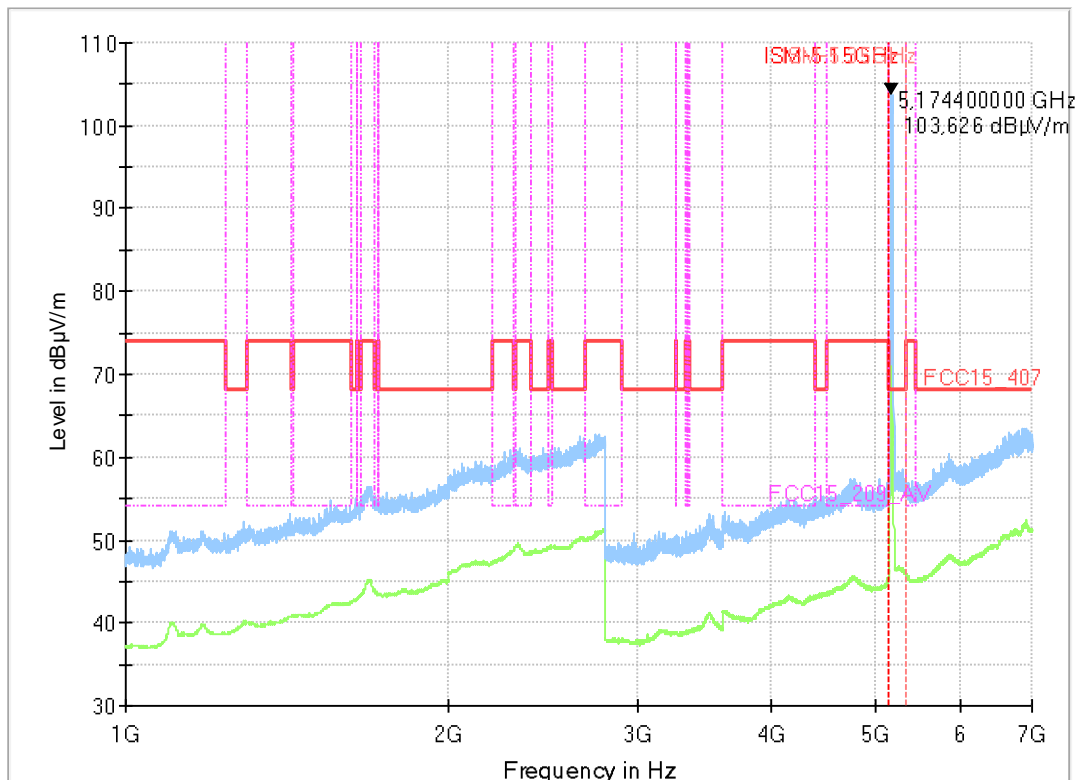
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Versions#
Operating Mode:	WLAN_5GHz_a-mode_ch36_48Mbps
Operator:	KTe
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 33%rH; Temperature: 15°C
Verdict:	Passed

EUT Information

PMT number: 22-1-00306S178_C01

Full Spectrum



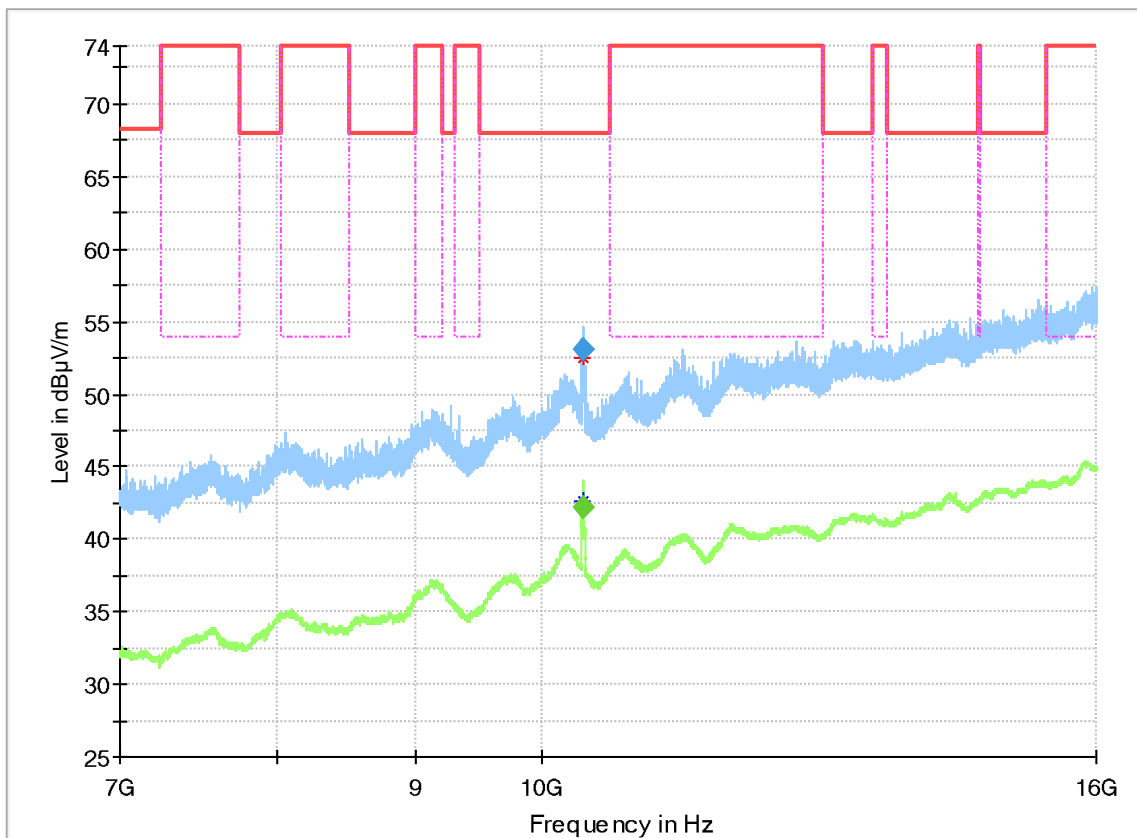
4.01b_a-mode_Ch036

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Versions#
Operating Mode:	a-mode_48Mbps_ch36
Operator:	Lor
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 35%rH; Temperature: 19°C
Verdict:	Passed

EUT Information

PMT number: 22-1-00306S178_C02
Full Spectrum



Final_Result

Frequency (MHz)	MaxPeak (dB μ V/m)	RMS (dB μ V/m)	Limit (dB μ V/m)	Margin	Meas. Time (ms)	Bandwidth	Height	Pol	Azimuth	Elevation
10360.200000	---	42.19	150.00	107.81	100.0	1000.000	155.0	V	209.0	0.0
10360.200000	53.11	---	68.00	14.89	100.0	1000.000	155.0	V	212.0	0.0

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

Frequency (MHz)	Corr. (dB/m)	Sig Path (dB)	Pream p	Trd Corr. (dB/m)	Raw Rec (dB μ V)	Comment
10360.200000	17	-25	0	42	---	12:36:29 - 17.12.2022
10360.200000	17	-25	0	42	---	12:35:13 - 17.12.2022

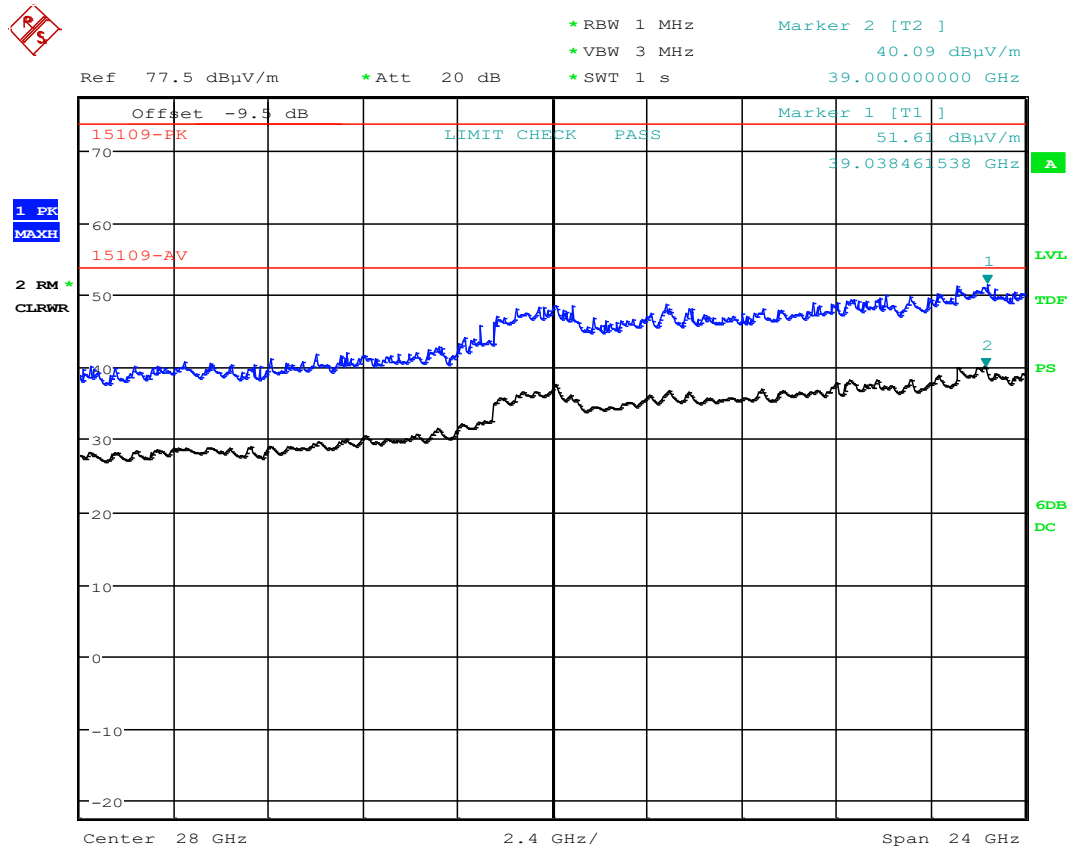
4.01c_a-mode_Ch036

Common Information

Test Description: Radiated field strength emission in 3m distance
Test Site: Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard: FCC 15.407&15.209 Intentional Radiator
Antenna polarisation: horizontal/vertical
Software Version: #Versions#
Operating Mode: a-mode_48Mbps_ch36
Operator: Lor
Comment: -
EUT Setup: 1
Environmental Conditions: Humidity : 35%rH; Temperature: 19°C
Verdict: Passed

EUT Information

PMT number: 22-1-00306S178_C02



4.02a_n20-mode_ch044

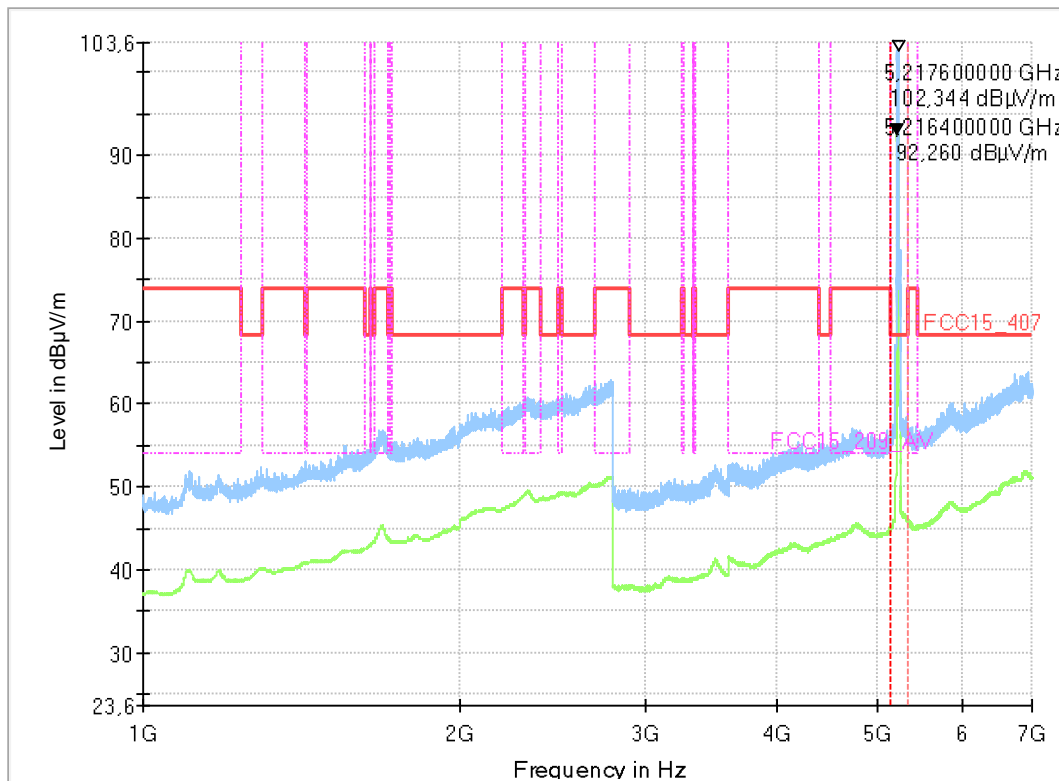
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Versions#
Operating Mode:	WLAN_5GHz_n20-mode_ch044_MCS6
Operator:	KTe
Comment:	
EUT Setup:	1
Environmental Conditions:	Humidity : 33%rH; Temperature: 15°C
Verdict:	Passed

EUT Information

PMT number: 22-1-00306S178_C02

Full Spectrum



4.02b_n20-mode_ch044

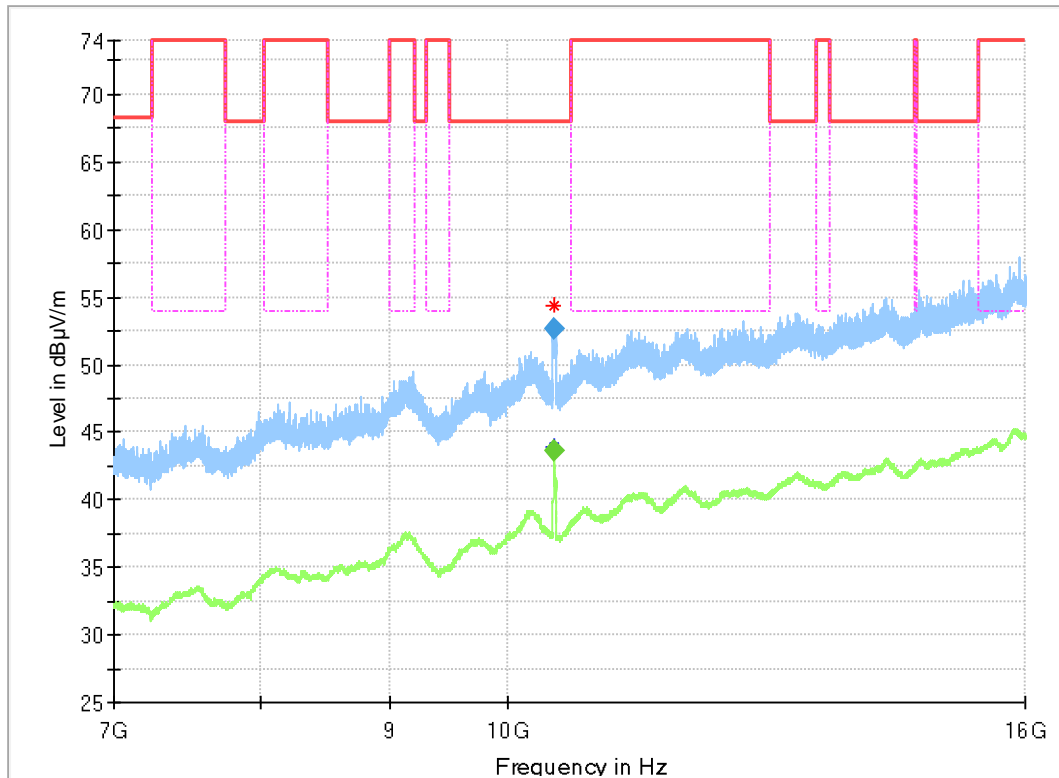
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Versions#
Operating Mode:	n20-mode MCS6 ch044
Operator:	SOz
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 50%rH; Temperature: 19°C
Verdict:	Passed

EUT Information

PMT number: 22-1-00306S178_C02

Full Spectrum



Final_Result

Frequency (MHz)	MaxPeak (dB μ V/m)	RMS (dB μ V/m)	Limit (dB μ V/m)	Margin	Meas. Time (ms)	Bandwidth	Height	Pol	Azimuth	Elevation
10437.600000	52.62	---	68.00	15.38	100.0	1000.000	155.0	V	218.0	0.0
10440.000000	---	43.63	150.00	106.37	100.0	1000.000	155.0	V	202.0	0.0

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

Frequency (MHz)	Corr. (dB/m)	Sig Path (dB)	Pream p	Trd Corr. (dB/m)	Raw Rec (dB μ V)	Comment
10437.600000	16	-15	-10	41	---	04:17:02 - 20.12.2022
10440.000000	16	-15	-10	41	---	04:18:29 - 20.12.2022

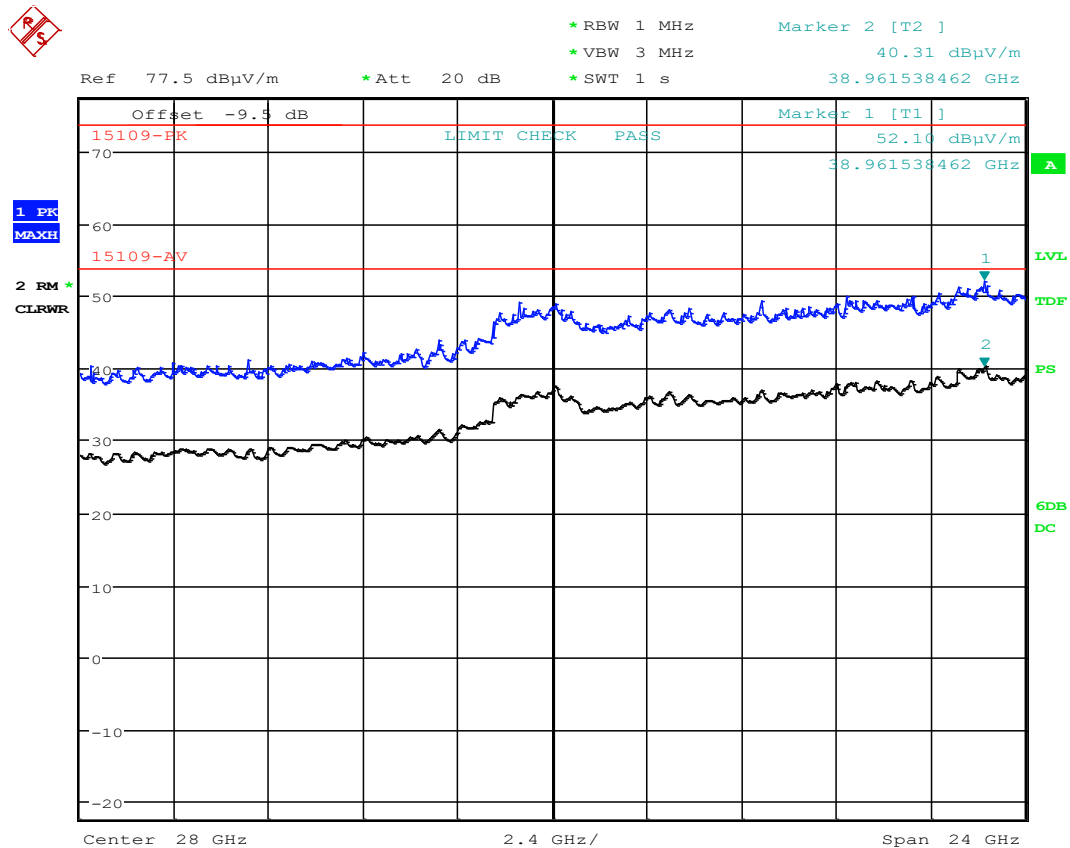
4.02c_n20-mode_ch044

Common Information

Test Description: Radiated field strength emission in 3m distance
 Test Site: Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
 Test Standard: FCC 15.407&15.209 Intentional Radiator
 Antenna polarisation: horizontal/vertical
 Software Version: #Versions#
 Operating Mode: n20-mode | MCS6 | ch044
 Operator: SOz
 Comment: -
 EUT Setup: 1
 Environmental Conditions: Humidity : 50%rH; Temperature: 19°C
 Verdict: Passed

EUT Information

PMT number: 22-1-00306S178_C02



4.03a_ac20-mode_ch048

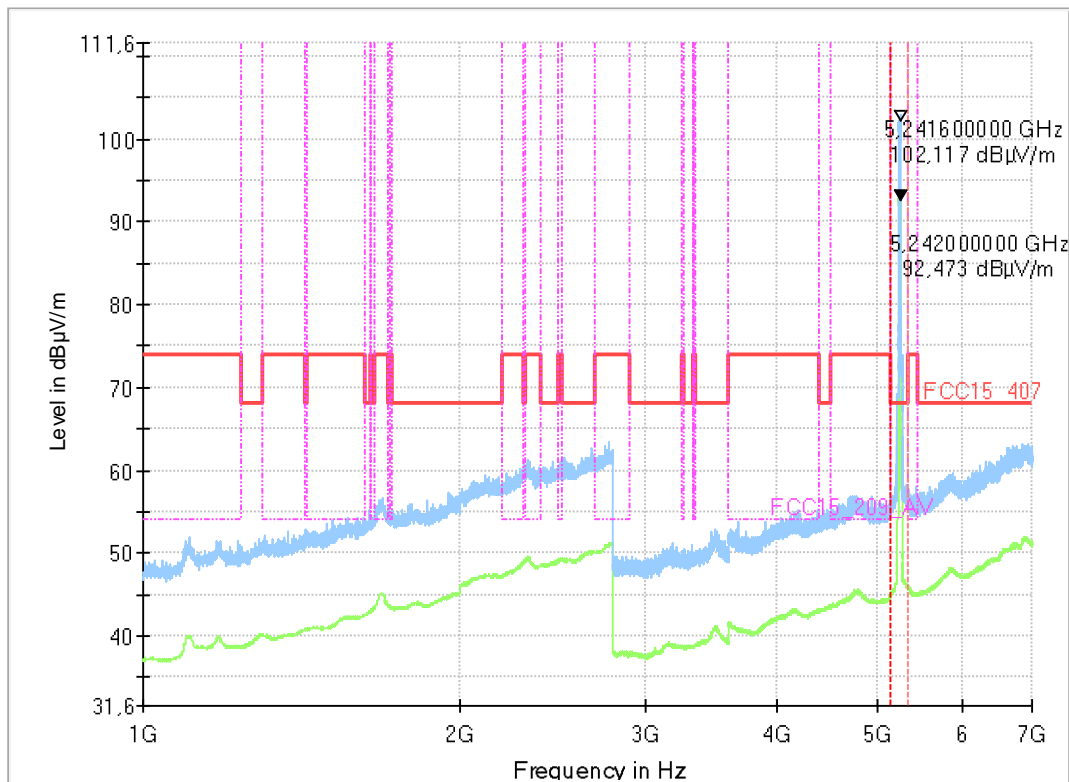
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Versions#
Operating Mode:	ac20-mode_ch048
Operator:	SOz
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 50%rH; Temperature: 19°C
Verdict:	Passed

EUT Information

PMT number: 22-1-00306S178_C02

Full Spectrum



4.03b_ac20-mode_ch048

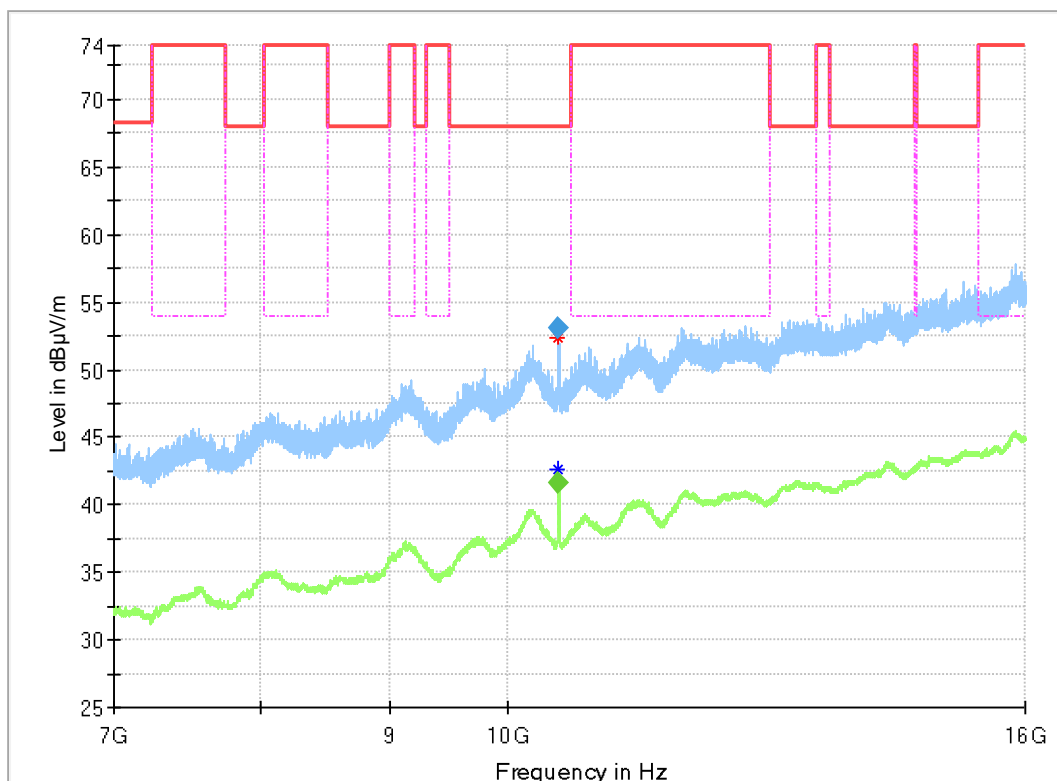
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Versions#
Operating Mode:	TX, continuous
Operator:	Lor
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 35%rH; Temperature: 19°C
Verdict:	Passed

EUT Information

PMT number:	22-1-00306S178_C02
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Full Spectrum



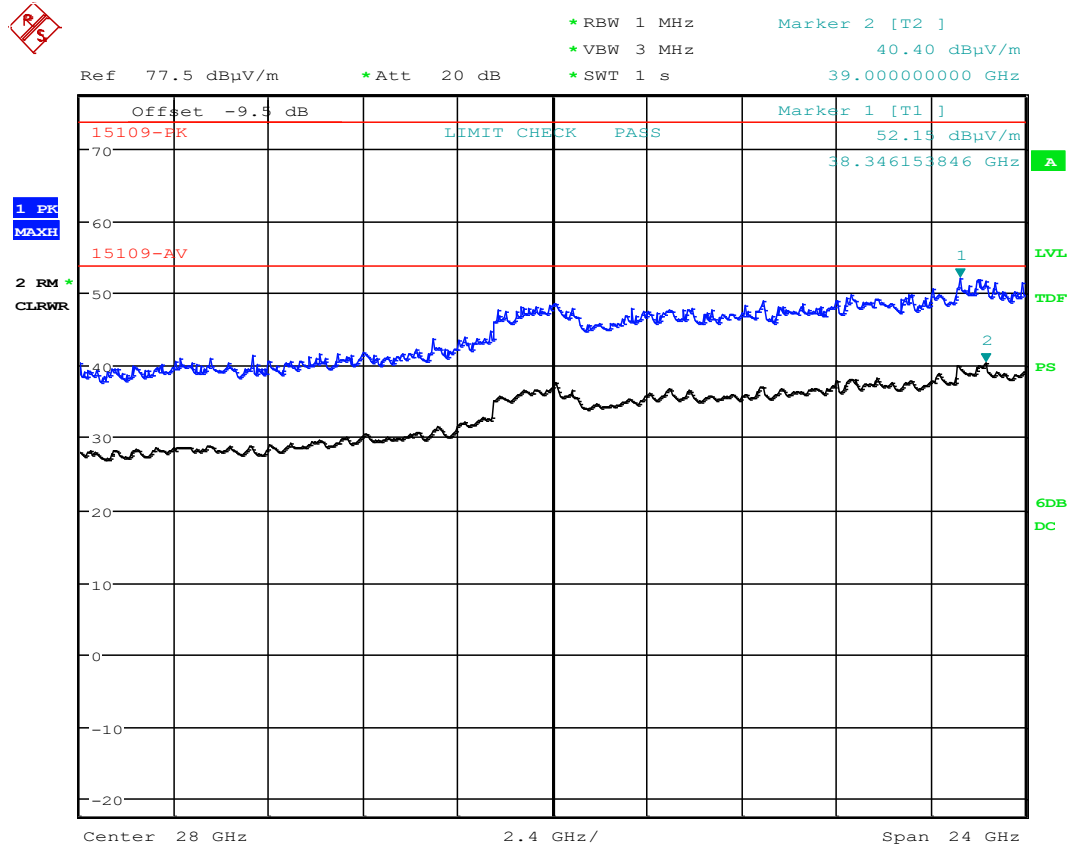
4.03c_ac20-mode_ch048

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Versions#
Operating Mode:	TX, continuous
Operator:	Lor
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 35%rH; Temperature: 19°C
Verdict:	Passed

EUT Information

PMT number: 22-1-00306S178_C02



4.04a_a-mode_ch149

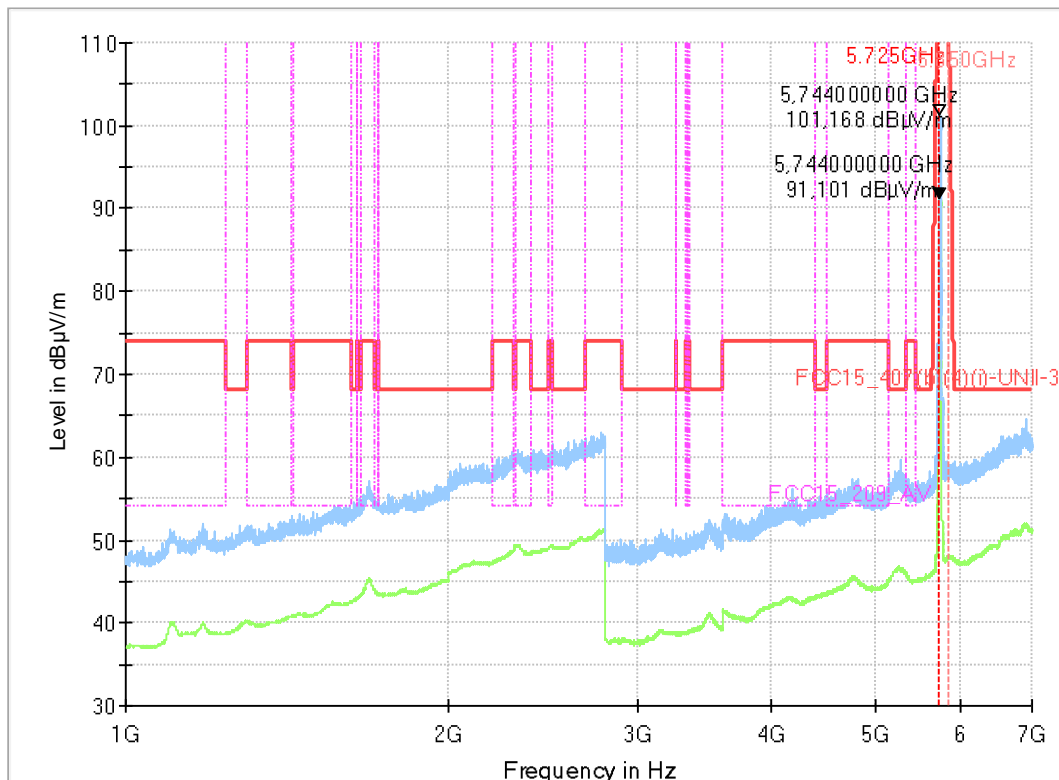
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Versions#
Operating Mode:	a-mode_48Mbps_ch149
Operator:	SOz
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 50%rH; Temperature: 19°C
Verdict:	Inconclusive

EUT Information

PMT number: 22-1-00306S178_C02

Full Spectrum



4.04b_a-mode_ch149

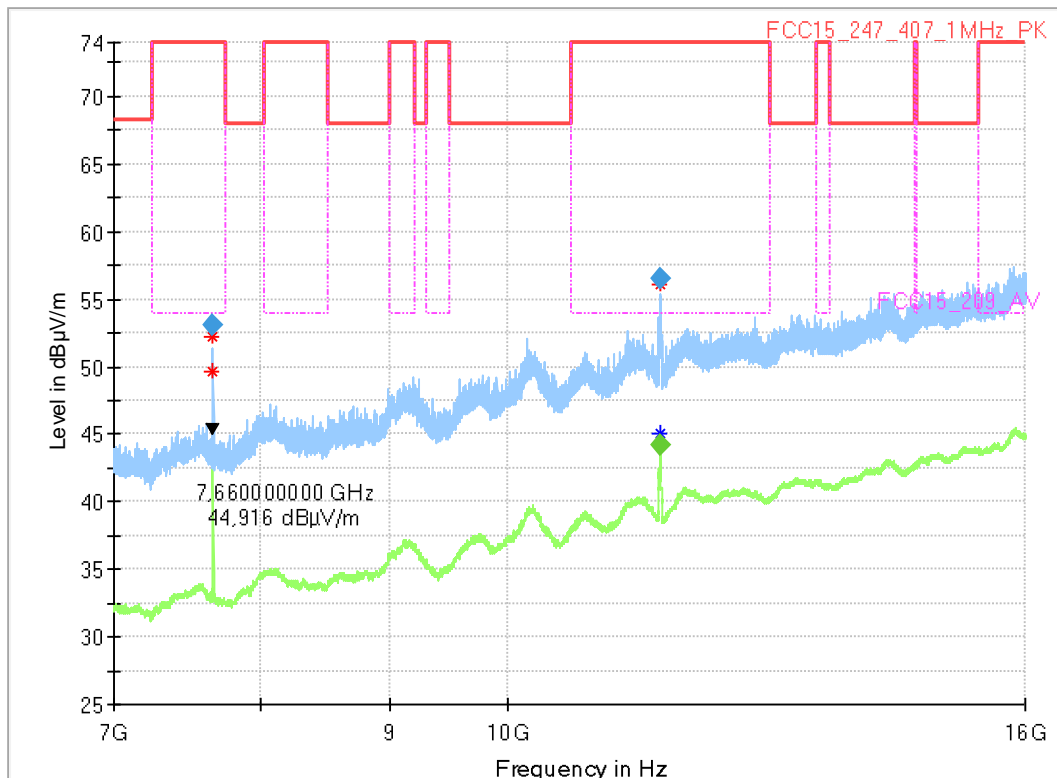
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Versions#
Operating Mode:	a-mode_48Mbps_ch149
Operator:	Lor
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 35%rH; Temperature: 19°C
Verdict:	Passed

EUT Information

PMT number:	22-1-00306S178_C02
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Full Spectrum



Final_Result

Frequency (MHz)	MaxPeak (dB μ V/m)	RMS (dB μ V/m)	Limit (dB μ V/m)	Margin	Meas. Time (ms)	Bandwidth	Height	Pol	Azimuth	Elevation
7660.000000	53.12	---	74.00	20.88	100.0	1000.000	155.0	V	261.0	90.0
11490.000000	56.46	---	74.00	17.54	100.0	1000.000	155.0	H	267.0	90.0
11490.800000	---	44.24	54.00	9.76	100.0	1000.000	155.0	H	264.0	90.0

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

Frequency (MHz)	Corr. (dB/m)	Sig Path (dB)	Pream p	Trd Corr. (dB/m)	Raw Rec (dB μ V)	Comment
7660.000000	11	-28	0	39	---	14:57:17 - 17.12.2022
11490.000000	18	-24	0	42	---	14:55:39 - 17.12.2022
11490.800000	18	-24	0	42	---	14:58:47 - 17.12.2022

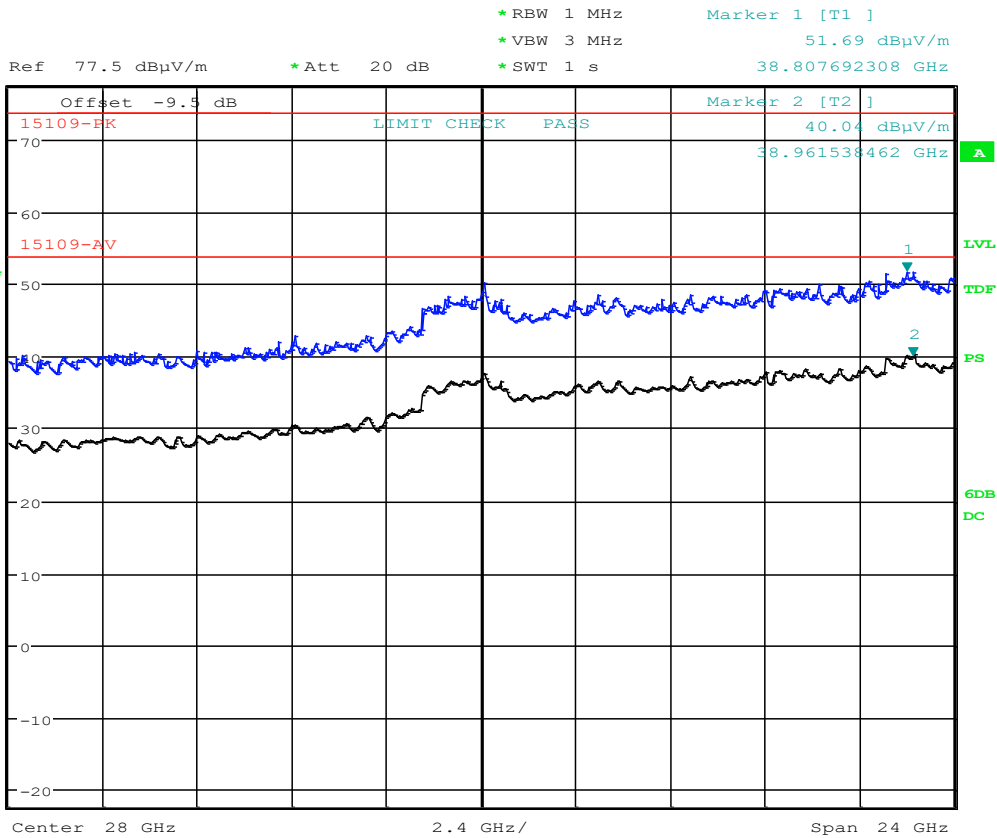
4.04c_a-mode_ch149

Common Information

Test Description: Radiated field strength emission in 3m distance
 Test Site: Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
 Test Standard: FCC 15.407&15.209 Intentional Radiator
 Antenna polarisation: horizontal/vertical
 Software Version: #Versions#
 Operating Mode: a-mode_48Mbps_ch149
 Operator: Lor
 Comment: -
 EUT Setup: 1
 Environmental Conditions: Humidity : 35%rH; Temperature: 19°C
 Verdict: Passed

EUT Information

PMT number: 22-1-00306S178_C02



4.05a_n20-mode_ch157

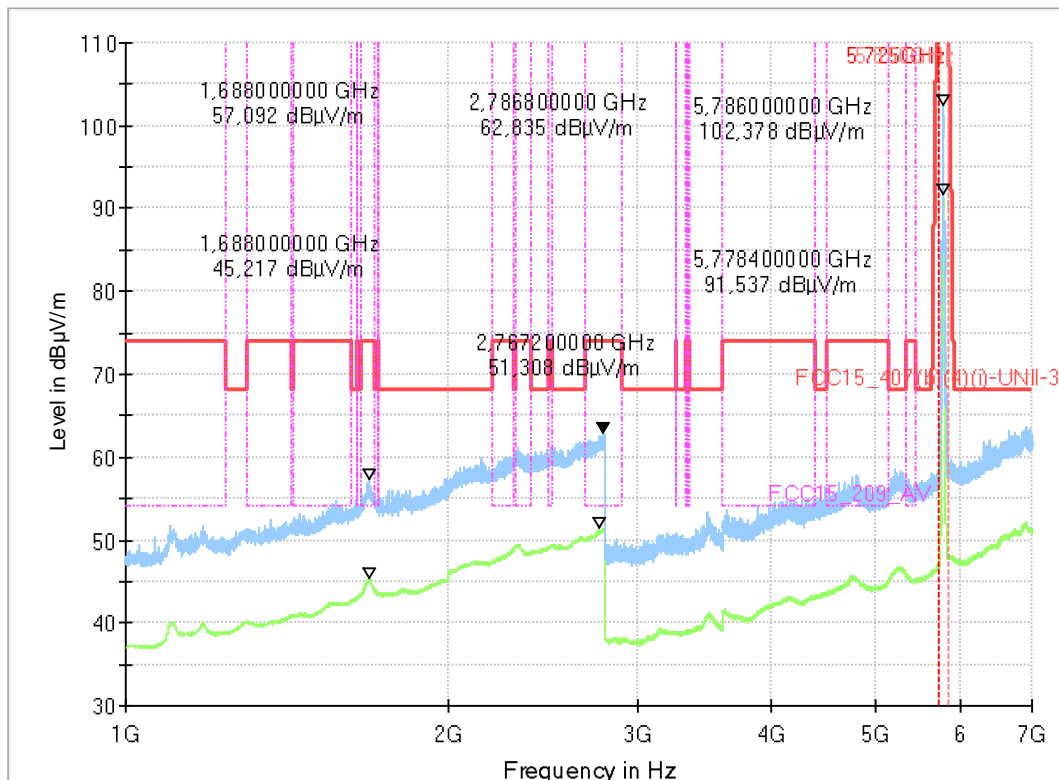
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Versions#
Operating Mode:	n20-mode_MCS6_ch157
Operator:	SOz
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 50%rH; Temperature: 19°C
Verdict:	Passed

EUT Information

PMT number: 22-1-00306S178_C02

Full Spectrum



4.05b_n20-mode_ch157

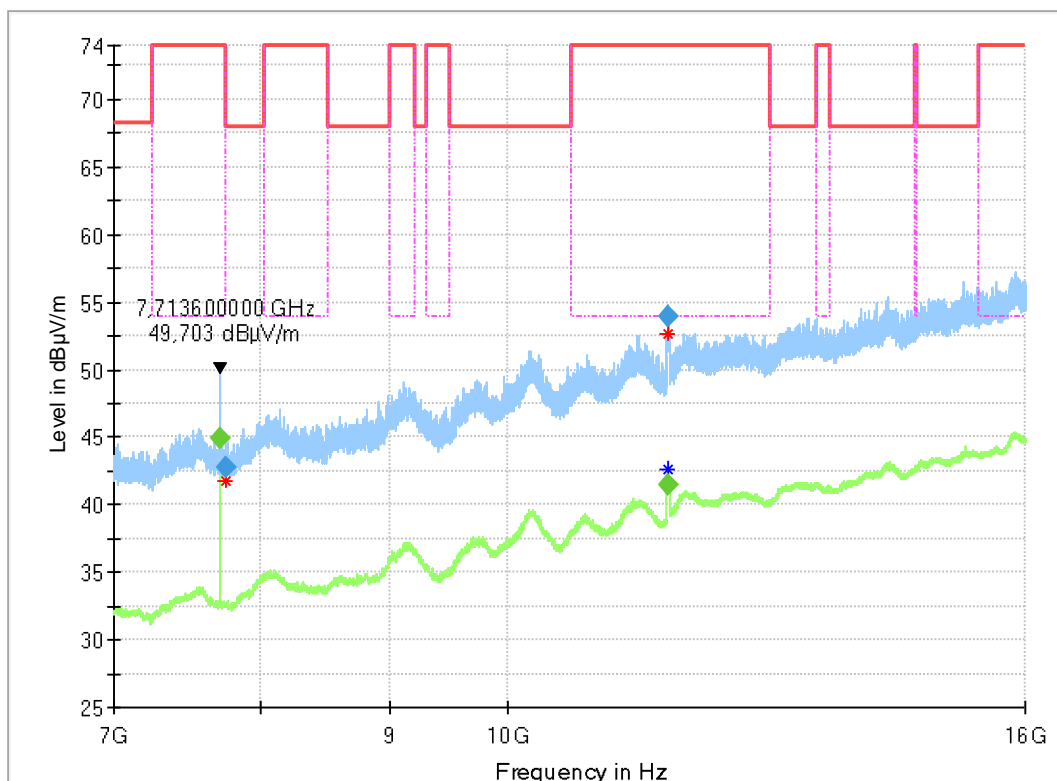
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Versions#
Operating Mode:	n20-mode_MCS6_ch157
Operator:	Lor
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 35%rH; Temperature: 19°C
Verdict:	Passed

EUT Information

PMT number:	22-1-00306S178_C02
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Full Spectrum



Final_Result

Frequency (MHz)	MaxPeak (dB μ V/m)	RMS (dB μ V/m)	Limit (dB μ V/m)	Margin	Meas. Time (ms)	Bandwidth	Height	Pol	Azimuth	Elevation
7713.200000	---	44.96	54.00	9.04	100.0	1000.000	155.0	V	234.0	0.0
7753.600000	42.79	---	68.00	25.21	100.0	1000.000	155.0	V	247.0	90.0
11568.800000	---	41.42	54.00	12.58	100.0	1000.000	155.0	H	210.0	0.0
11574.000000	53.87	---	74.00	20.13	100.0	1000.000	155.0	H	208.0	0.0

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

Frequency (MHz)	Corr. (dB/m)	Sig Path (dB)	Pream p	Trd Corr. (dB/m)	Raw Rec (dB μ V)	Comment
7713.200000	10	-28	0	39	---	15:47:19 - 17.12.2022
7753.600000	10	-28	0	39	---	15:43:43 - 17.12.2022
11568.800000	18	-24	0	42	---	15:45:42 - 17.12.2022
11574.000000	18	-24	0	42	---	15:41:42 - 17.12.2022

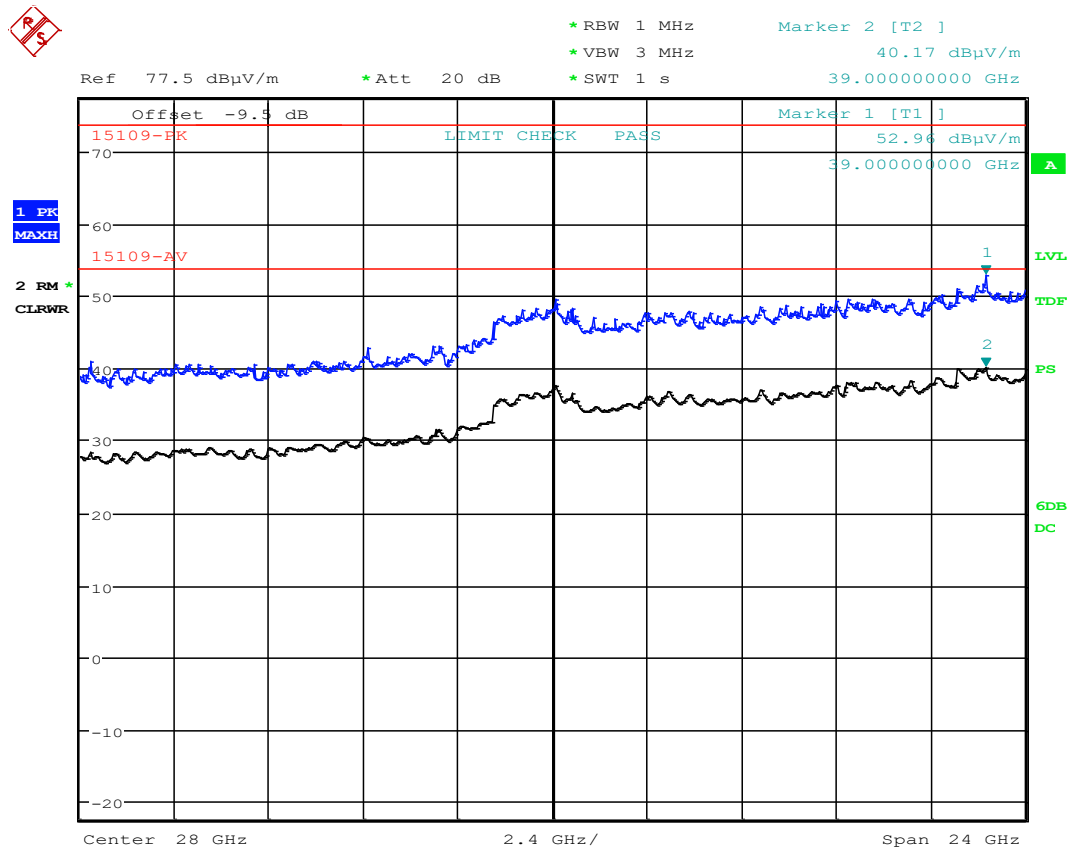
4.05c_n20-mode_ch157

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Versions#
Operating Mode:	n20-mode_MCS6_ch157
Operator:	Lor
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 35%rH; Temperature: 19°C
Verdict:	Passed

EUT Information

PMT number: 22-1-00306S178_C02



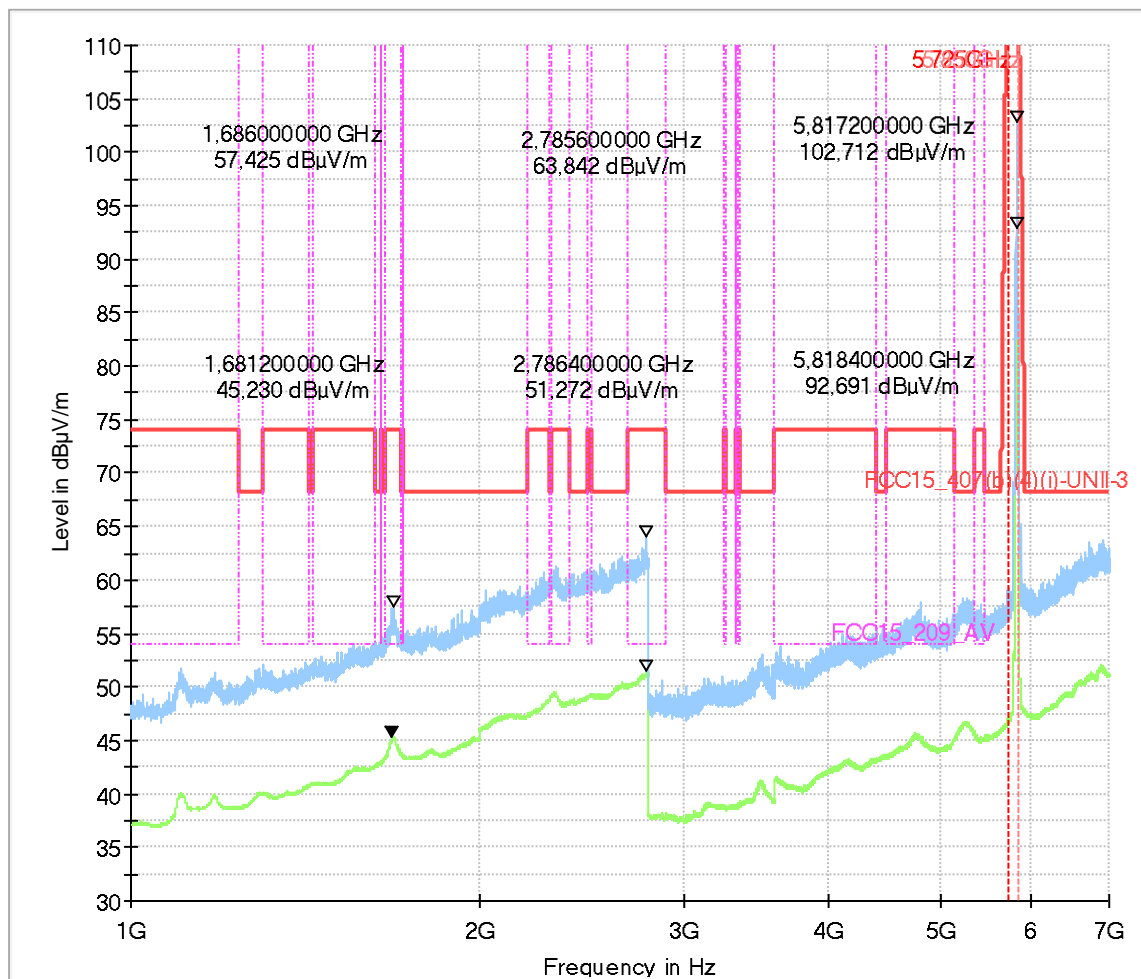
4.06a_ac20-mode_ch165

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Versions#
Operating Mode:	ac20-mode MCS4 ch165
Operator:	TFra
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 42%rH; Temperature: 19°C
Verdict:	Passed

EUT Information

PMT number: 22-1-00306S178_C02



4.06b_ac20-mode_ch165

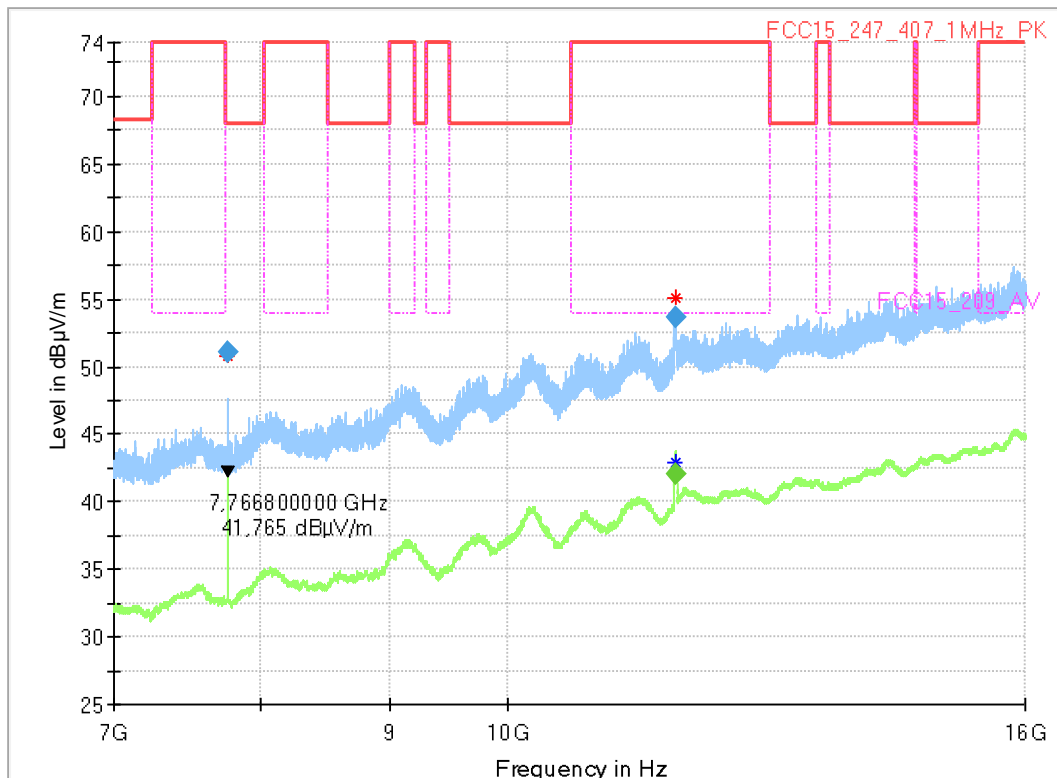
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Versions#
Operating Mode:	ac20-mode_MCS4
Operator:	Lor
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 53%rH; Temperature: 19°C
Verdict:	Passed

EUT Information

PMT number: 22-1-00306S178_C02

Full Spectrum



Final_Result

Frequency (MHz)	MaxPeak (dB μ V/m)	RMS (dB μ V/m)	Limit (dB μ V/m)	Margin	Meas. Time (ms)	Bandwidth	Height	Pol	Azimuth	Elevation
7766.800000	51.10	---	68.00	16.90	100.0	1000.000	155.0	V	261.0	90.0
11650.400000	---	42.05	54.00	11.95	100.0	1000.000	155.0	H	210.0	0.0
11651.200000	53.65	---	74.00	20.35	100.0	1000.000	155.0	H	248.0	90.0

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

Frequency (MHz)	Corr. (dB/m)	Sig Path (dB)	Pream p	Trd Corr. (dB/m)	Raw Rec (dB μ V)	Comment
7766.800000	10	-28	0	39	---	16:32:09 - 17.12.2022
11650.400000	19	-24	0	43	---	16:34:08 - 17.12.2022
11651.200000	19	-24	0	43	---	16:30:26 - 17.12.2022

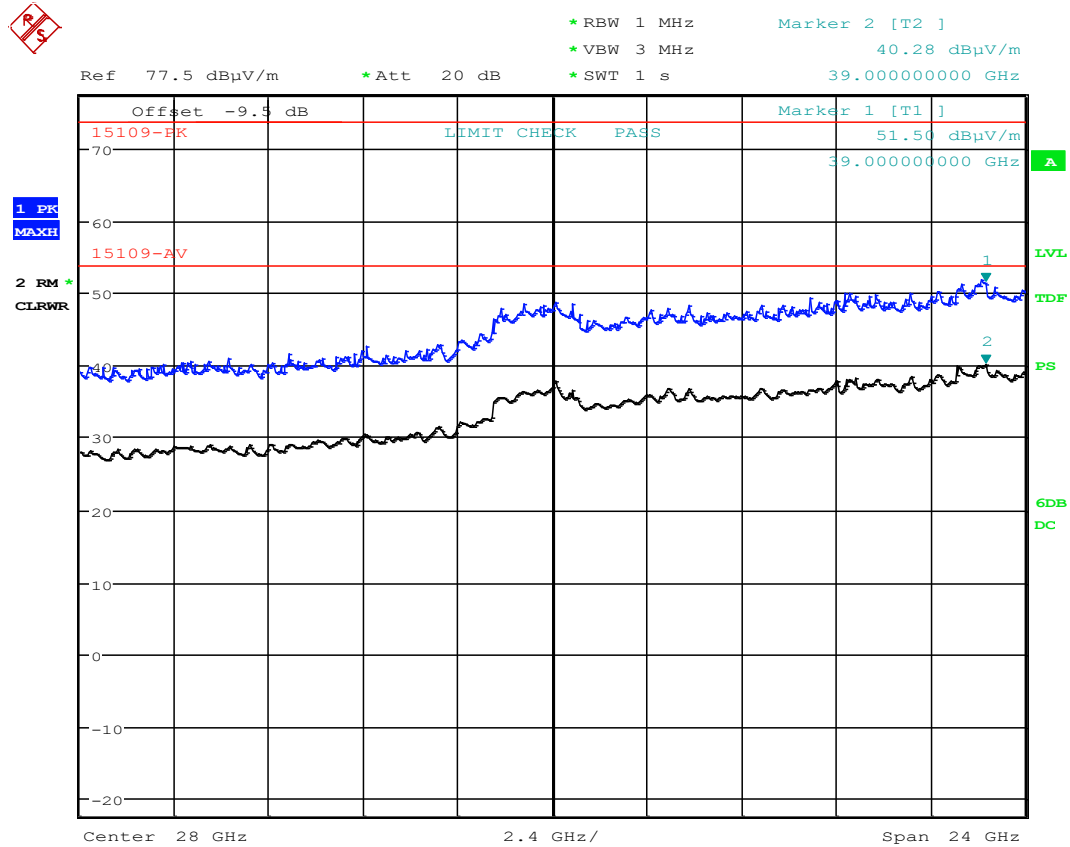
4.06c_ac20-mode_ch165

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Versions#
Operating Mode:	ac20-mode_MCS4
Operator:	Lor
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 53%rH; Temperature: 19°C
Verdict:	Passed

EUT Information

PMT number: 22-1-00306S178_C02



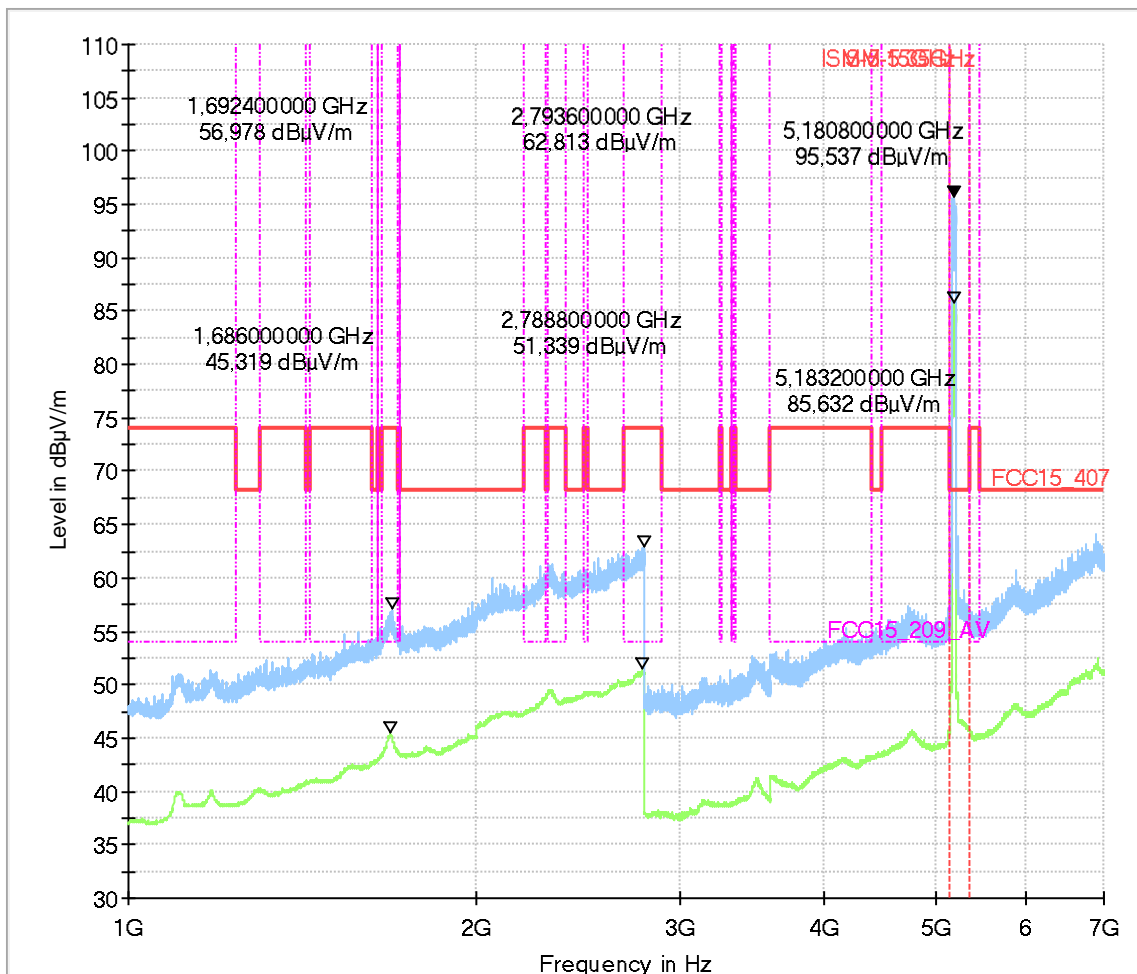
4.07a_n40-mode_ch038

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Versions#
Operating Mode:	n40-mode MCS3 ch038
Operator:	TFra
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 45%rH; Temperature: 19°C
Verdict:	Passed

EUT Information

PMT number: 22-1-00306S178_C02



4.07b_n40-mode_ch038

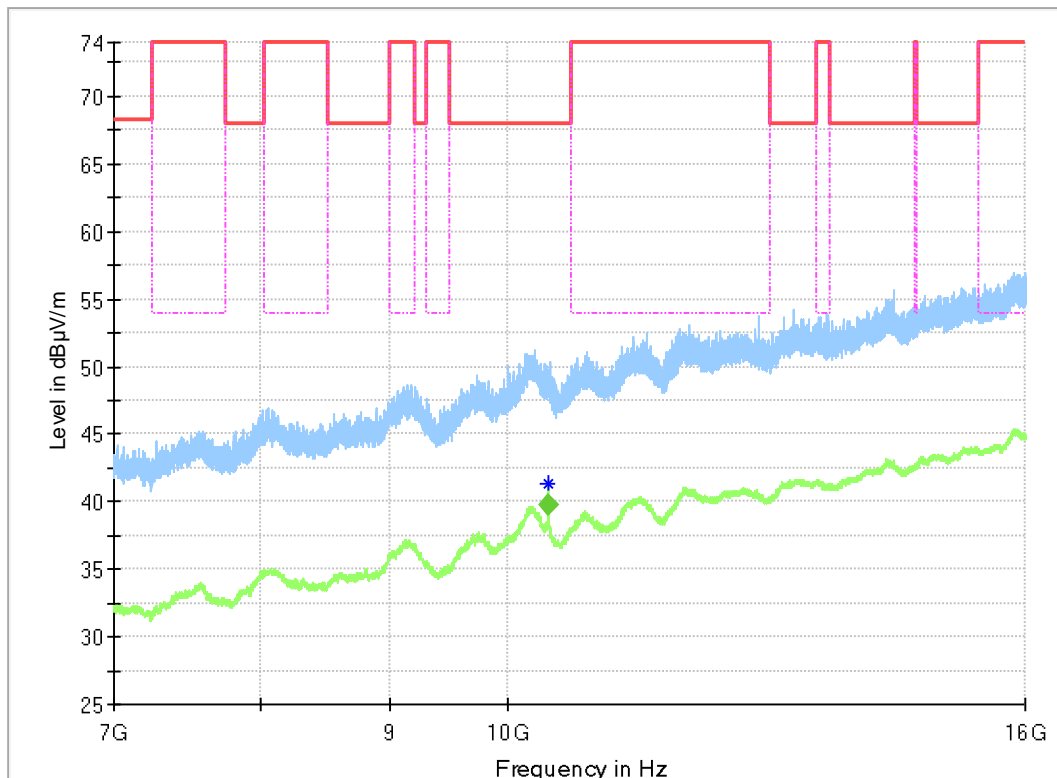
Common Information

Test Description: Radiated field strength emission in 3m distance
 Test Site: Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
 Test Standard: FCC 15.407&15.209 Intentional Radiator
 Antenna polarisation: horizontal/vertical
 Software Version: #Versions#
 Operating Mode: n40-mode_MCS3
 Operator: Lor
 Comment: -
 EUT Setup: 1
 Environmental Conditions: Humidity : 35%rH; Temperature: 19°C
 Verdict: Passed

EUT Information

PMT number: 22-1-00306S178_C02

Full Spectrum



Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	RMS (dBµV/m)	Limit (dBµV/m)	Margin	Meas. Time (ms)	Bandwidth	Height	Pol	Azimuth	Elevation
10380.000000	---	39.69	150.00	110.31	100.0	1000.000	155.0	V	209.0	0.0

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

Frequency (MHz)	Corr. (dB/m)	Sig Path (dB)	Pream p	Trd Corr. (dB/m)	Raw Rec (dBµV)	Comment
10380.000000	17	-25	0	42	---	17:16:17 - 17.12.2022

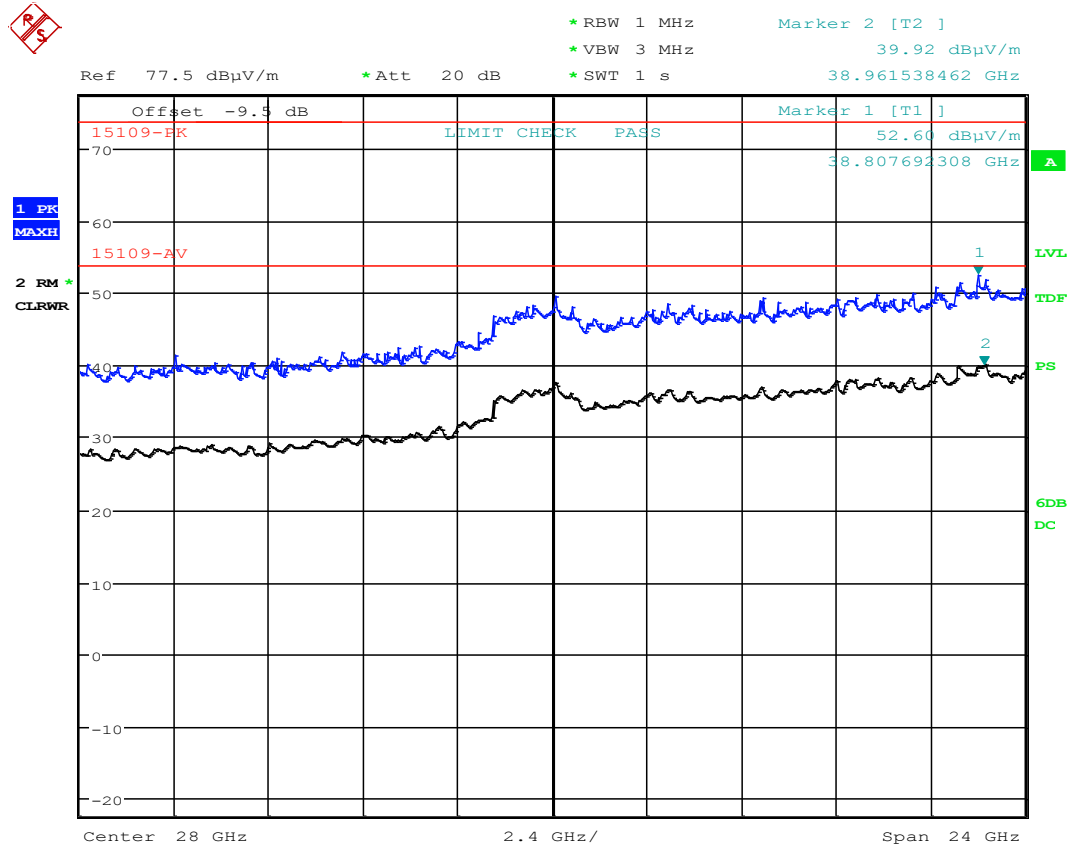
4.07c_n40-mode_ch038

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Versions#
Operating Mode:	n40-mode_MCS3
Operator:	Lor
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 35%rH; Temperature: 19°C
Verdict:	Passed

EUT Information

PMT number: 22-1-00306S178_C02



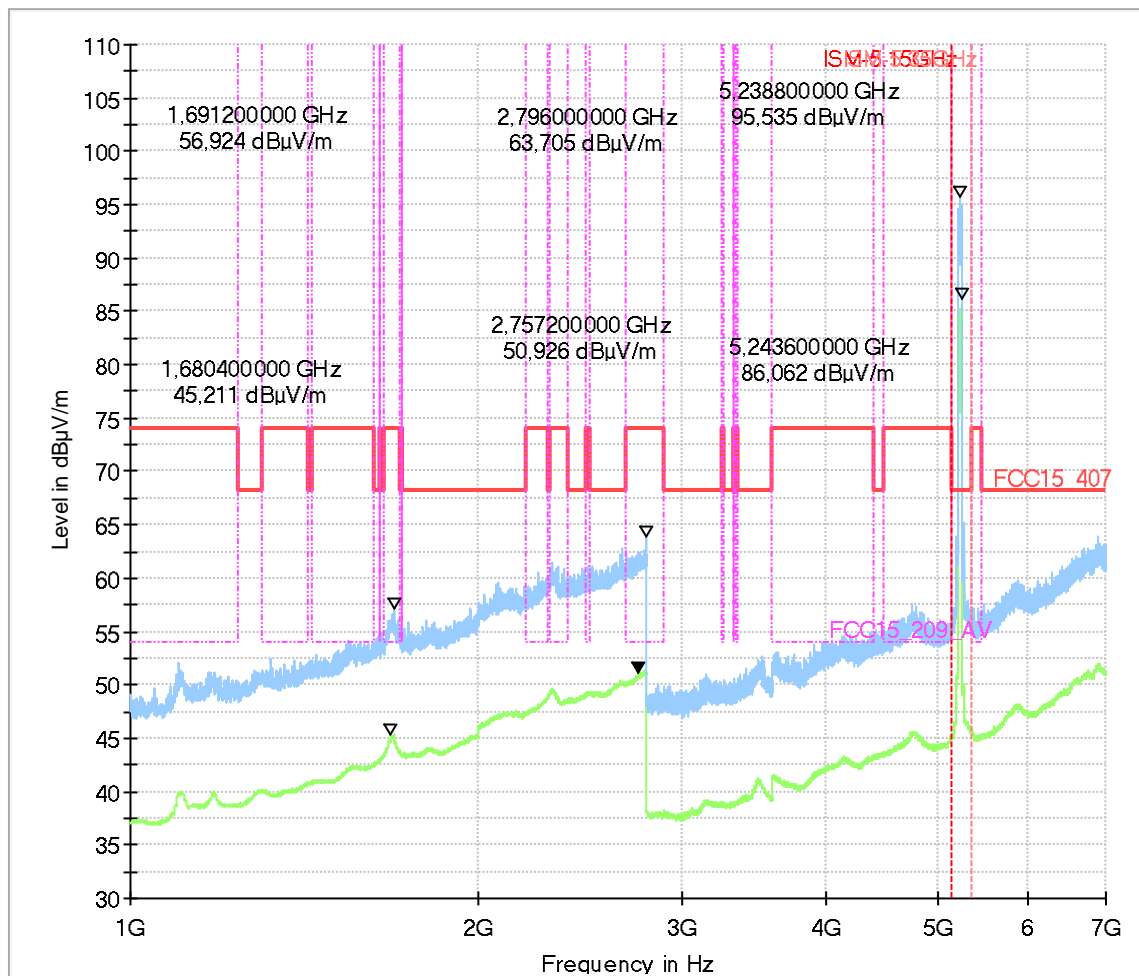
4.08a_ac40-mode_ch046

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Versions#
Operating Mode:	ac40-mode MCS3 ch046
Operator:	TFra
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 45%rH; Temperature: 19°C
Verdict:	Passed

EUT Information

PMT number: 22-1-00306S178_C02



4.08b_ac40-mode_ch046

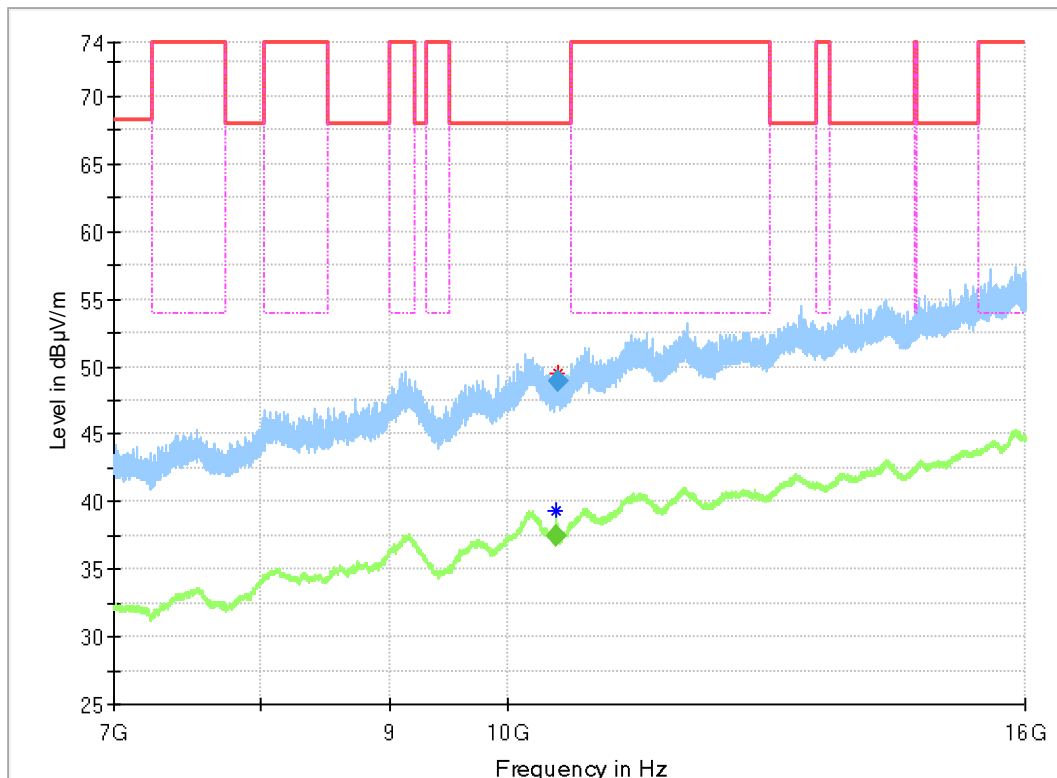
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Versions#
Operating Mode:	ac40-mode_MCS3_ch046
Operator:	SOz
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 50%rH; Temperature: 19°C
Verdict:	Passed

EUT Information

PMT number: 22-1-00306S178_C02

Full Spectrum



Final_Result

Frequency (MHz)	MaxPeak (dB μ V/m)	RMS (dB μ V/m)	Limit (dB μ V/m)	Margin	Meas. Time (ms)	Bandwidth	Height	Pol	Azimuth	Elevation
10460.000000	---	37.49	150.00	112.51	100.0	1000.000	155.0	H	219.0	90.0
10472.800000	48.89	---	68.00	19.11	100.0	1000.000	155.0	H	192.0	90.0

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

Frequency (MHz)	Corr. (dB/m)	Sig Path (dB)	Pream p	Trd Corr. (dB/m)	Raw Rec (dB μ V)	Comment
10460.000000	16	-15	-10	41	---	05:29:49 - 20.12.2022
10472.800000	16	-15	-10	41	---	05:28:21 - 20.12.2022

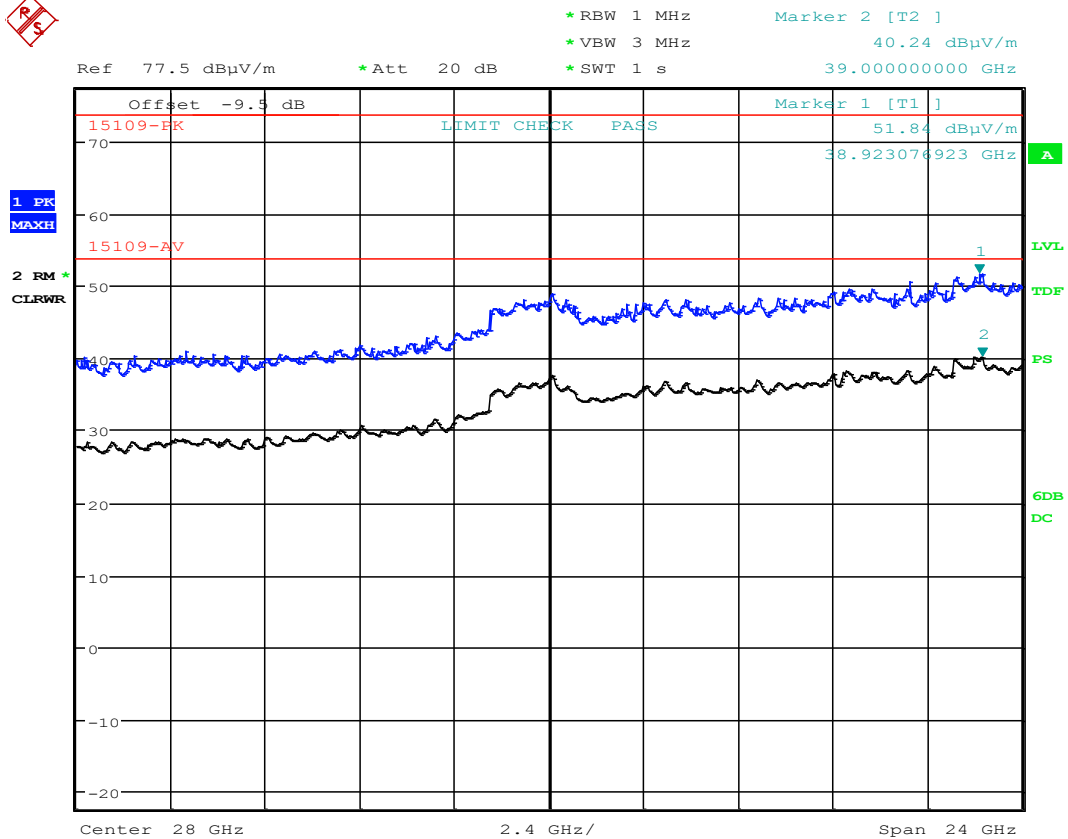
4.08c_ac40-mode_ch046

Common Information

Test Description: Radiated field strength emission in 3m distance
 Test Site: Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
 Test Standard: FCC 15.407&15.209 Intentional Radiator
 Antenna polarisation: horizontal/vertical
 Software Version: #Versions#
 Operating Mode: ac40-mode_MCS3_ch046
 Operator: SOz
 Comment: -
 EUT Setup: 1
 Environmental Conditions: Humidity : 50%rH; Temperature: 19°C
 Verdict: Passed

EUT Information

PMT number: 22-1-00306S178_C02



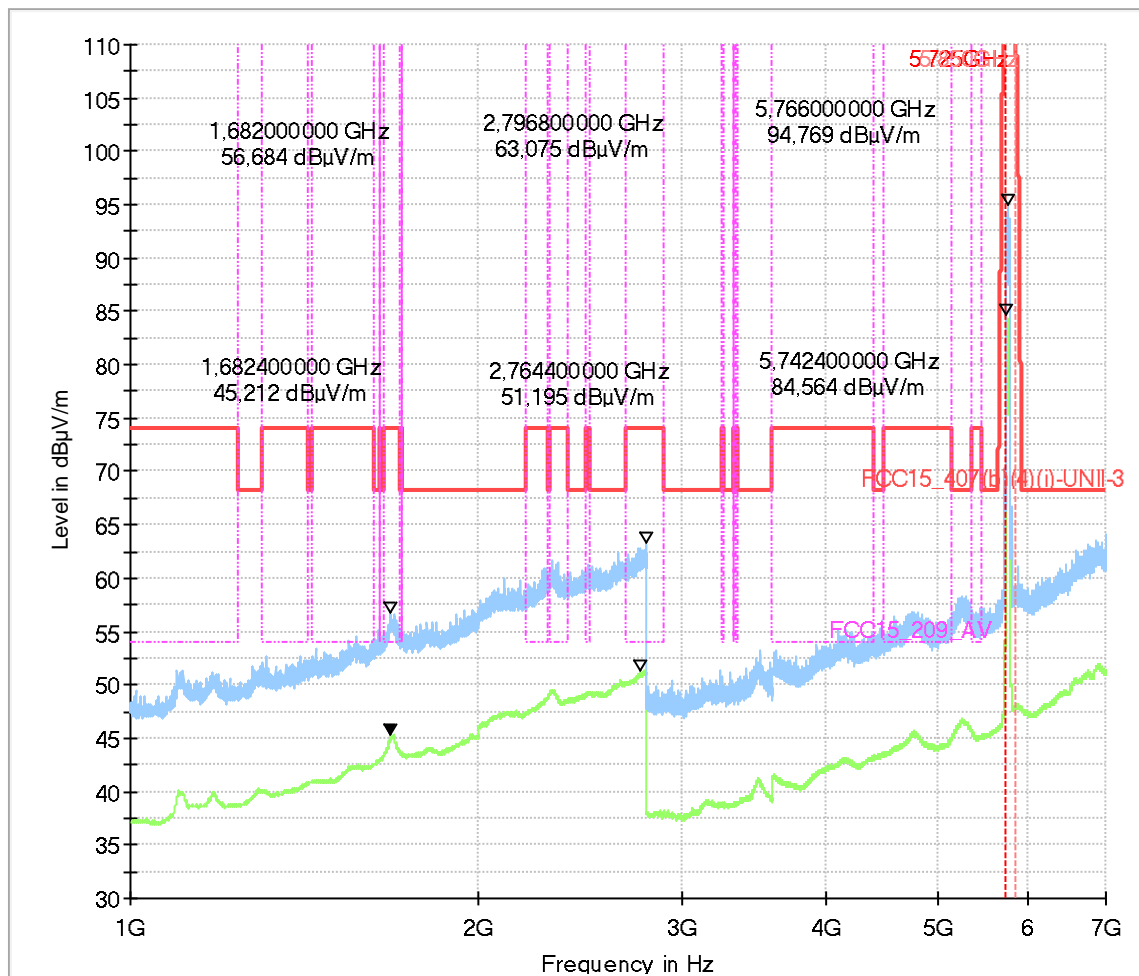
4.09a_n40-mode_ch0151

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Versions#
Operating Mode:	n40-mode MCS3 ch151
Operator:	TFra
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 45%rH; Temperature: 19°C
Verdict:	Passed

EUT Information

PMT number: 22-1-00306S178_C02



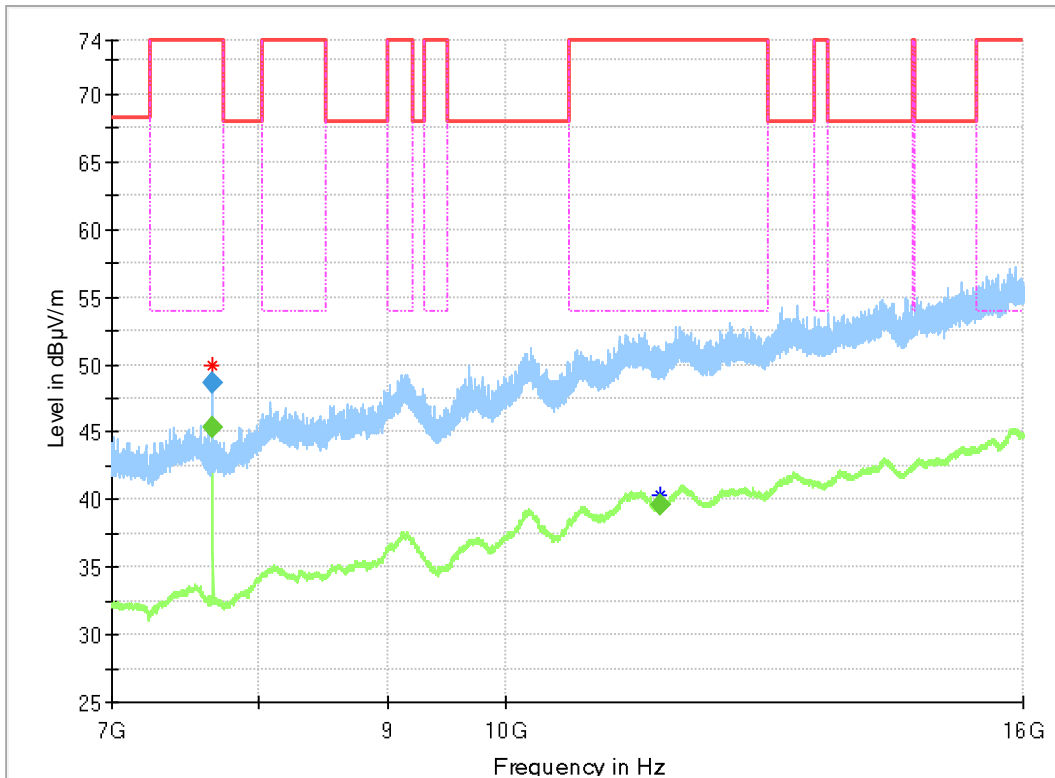
4.09b_n40-mode_Ch151

Common Information

Test Description: Radiated field strength emission in 3m distance
 Test Site: Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
 Test Standard: FCC 15.407&15.209 Intentional Radiator
 Antenna polarisation: horizontal/vertical
 Software Version: #Versions#
 Operating Mode: n40-mode_MCS3_Ch151
 Operator: Lor
 Comment: -
 EUT Setup: 1
 Environmental Conditions: Humidity : 50%rH; Temperature: 19°C
 Verdict: Passed

EUT Information

PMT number: 22-1-00306S178_C02
 Full Spectrum



Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	RMS (dBµV/m)	Limit (dBµV/m)	Margin	Meas. Time (ms)	Bandwidth (h)	Height (t)	Pol	Azimuth (h)	Elevation (n)
7673.400000	50.40	---	74.00	23.60	100.0	1000.000	155.0	V	220.0	0.0
11510.100000	---	39.40	54.00	14.60	100.0	1000.000	155.0	H	305.0	90.0

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

Frequency (MHz)	Corr. (dB/m)	Sig Path (dB)	Pream p	Trd Corr. (dB/m)	Raw Rec (dBµV)	Comment
7673.400000	10	-19	-10	39	---	11:42:09 - 20.12.2022
11510.100000	19	-14	-10	42	---	11:45:47 - 20.12.2022

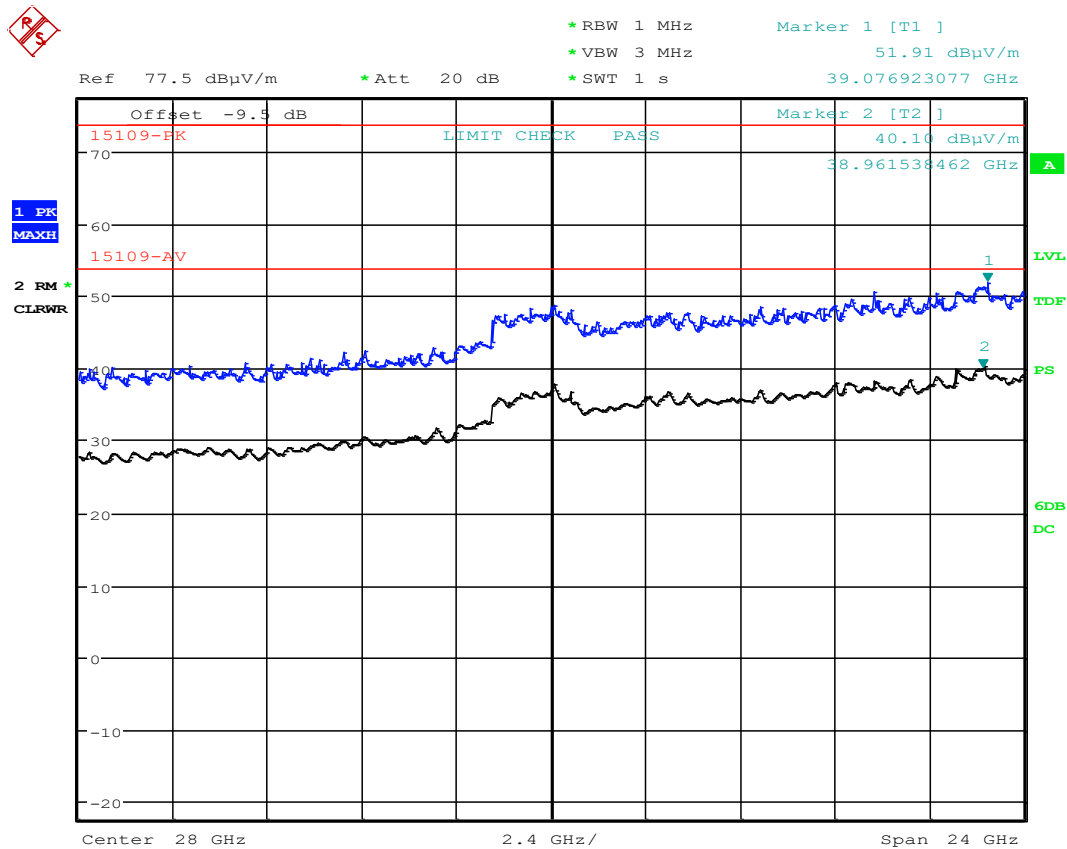
4.09c_n40-mode_Ch151

Common Information

Test Description: Radiated field strength emission in 3m distance
 Test Site: Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
 Test Standard: FCC 15.407&15.209 Intentional Radiator
 Antenna polarisation: horizontal/vertical
 Software Version: #Versions#
 Operating Mode: n40-mode_MCS3_Ch151
 Operator: Lor
 Comment: -
 EUT Setup: 1
 Environmental Conditions: Humidity : 50%rH; Temperature: 19°C
 Verdict: Passed

EUT Information

PMT number: 22-1-00306S178_C02



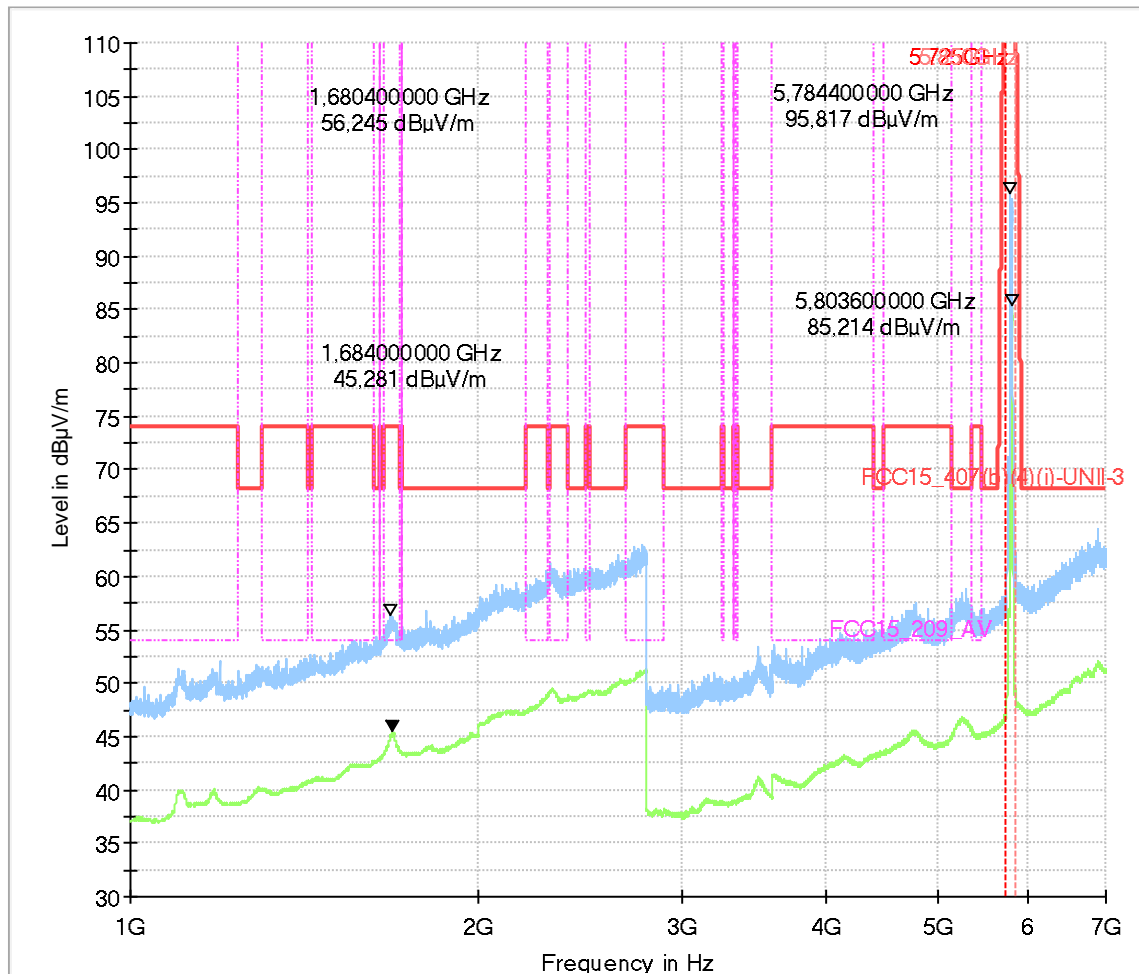
4.10a_ac40-mode_ch159

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Versions#
Operating Mode:	ac40-mode MCS3 ch159
Operator:	TFra
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 45%rH; Temperature: 19°C
Verdict:	Passed

EUT Information

PMT number: 22-1-00306S178_C02



4.10b_ac40-mode_ch159

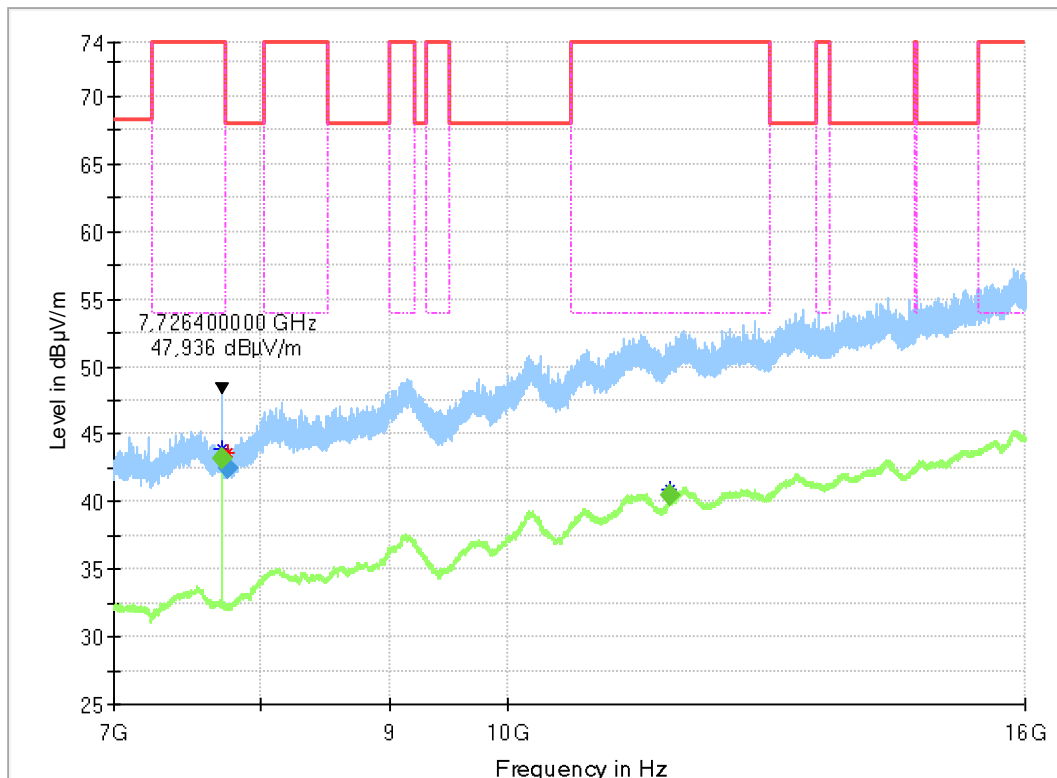
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Versions#
Operating Mode:	AC40-mode_MCS3_Ch159
Operator:	SOz
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 50%rH; Temperature: 19°C
Verdict:	Passed

EUT Information

PMT number: 22-1-00306S178_C02

Full Spectrum



Final_Result

Frequency (MHz)	MaxPeak (dB μ V/m)	RMS (dB μ V/m)	Limit (dB μ V/m)	Margin	Meas. Time (ms)	Bandwidth	Height	Pol	Azimuth	Elevation
7726.800000	---	43.17	54.00	10.83	100.0	1000.000	155.0	H	303.0	90.0
7758.400000	42.46	---	68.00	25.54	100.0	1000.000	155.0	V	210.0	0.0
11590.000000	---	40.51	54.00	13.49	100.0	1000.000	155.0	H	304.0	90.0

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

Frequency (MHz)	Corr. (dB/m)	Sig Path (dB)	Pream p	Trd Corr. (dB/m)	Raw Rec (dB μ V)	Comment
7726.800000	10	-19	-10	39	---	10:54:19 - 20.12.2022
7758.400000	10	-19	-10	39	---	10:52:23 - 20.12.2022
11590.000000	19	-14	-10	42	---	10:55:44 - 20.12.2022

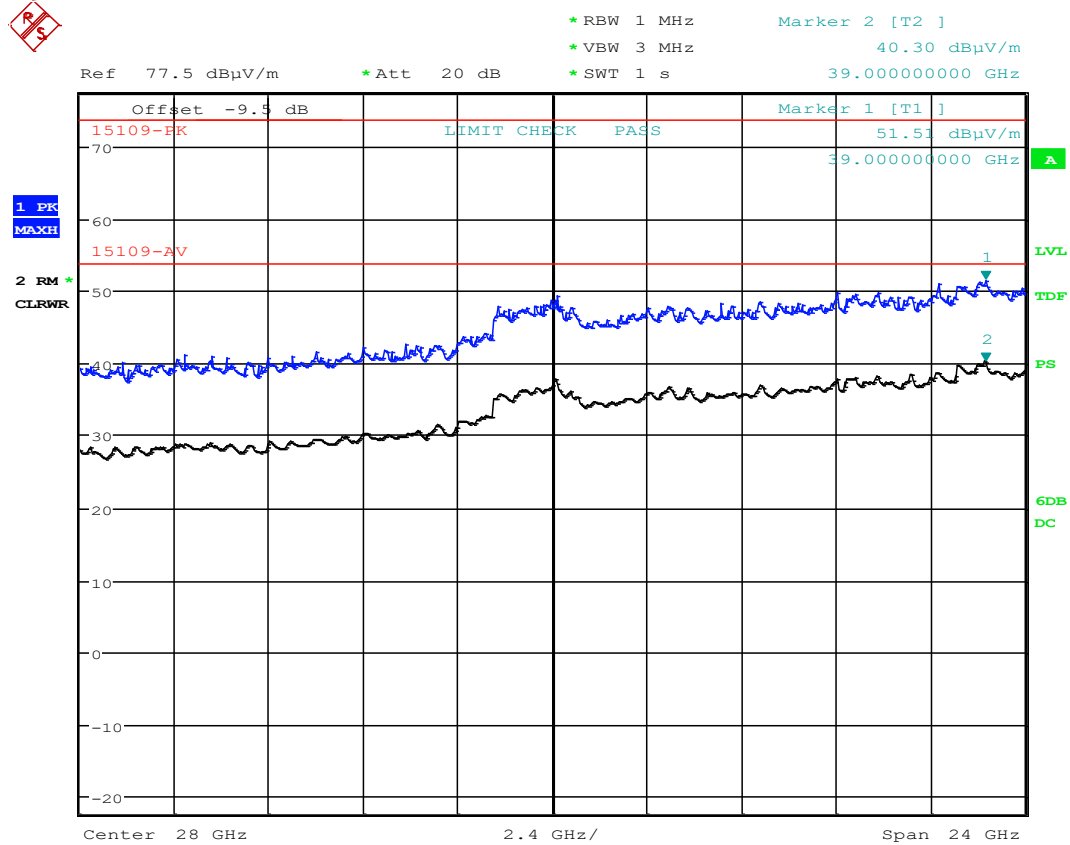
4.10c_ac40-mode_ch159

Common Information

Test Description: Radiated field strength emission in 3m distance
 Test Site: Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
 Test Standard: FCC 15.407&15.209 Intentional Radiator
 Antenna polarisation: horizontal/vertical
 Software Version: #Versions#
 Operating Mode: ac40-mode | MCS3 | ch159
 Operator: TFra
 Comment: -
 EUT Setup: 1
 Environmental Conditions: Humidity : 45%rH; Temperature: 19°C
 Verdict: Passed

EUT Information

PMT number: 22-1-00306S178_C02



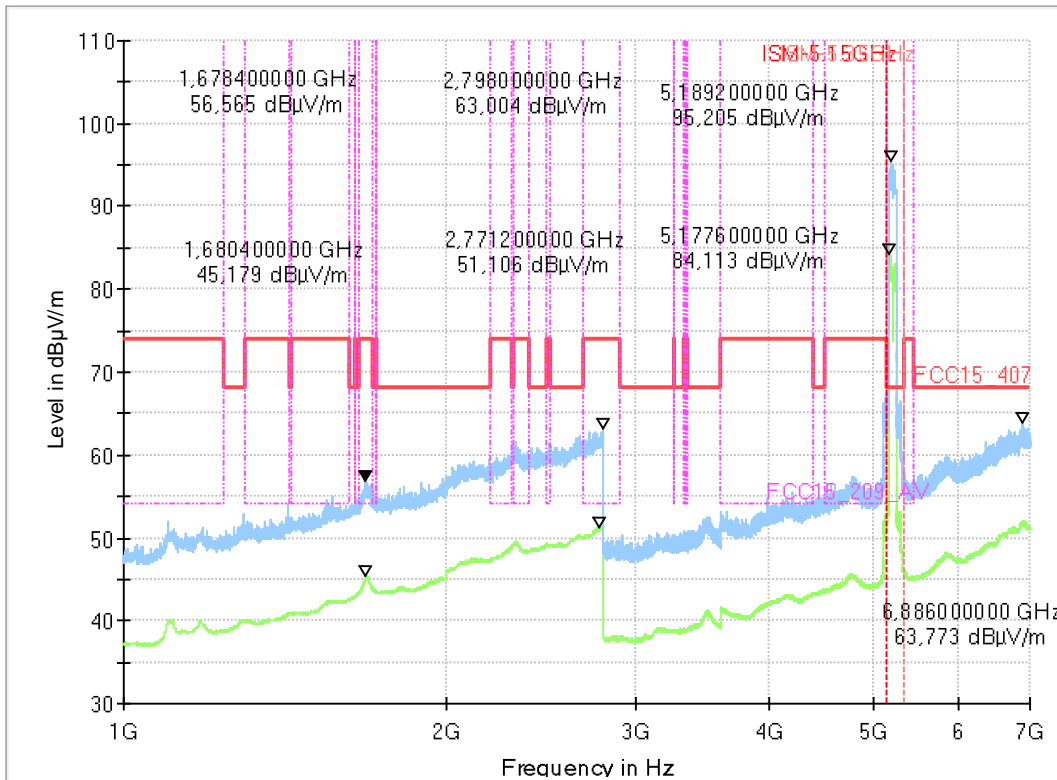
4.11a_ac80-mode_ch042

Common Information

Test Description: Radiated field strength emission in 3m distance
Test Site: Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard: FCC 15.407&15.209 Intentional Radiator
Antenna polarisation: horizontal/vertical
Software Version: #Versions#
Operating Mode: ac80-mode | MCS3 | ch042
Operator: TFra
Comment:
EUT Setup: 1
Environmental Conditions: Humidity : 45%rH; Temperature: 19°C
Verdict: Passed

EUT Information

PMT number: 22-1-00306S178_C02
Full Spectrum



4.11b_ac80-mode_Ch42

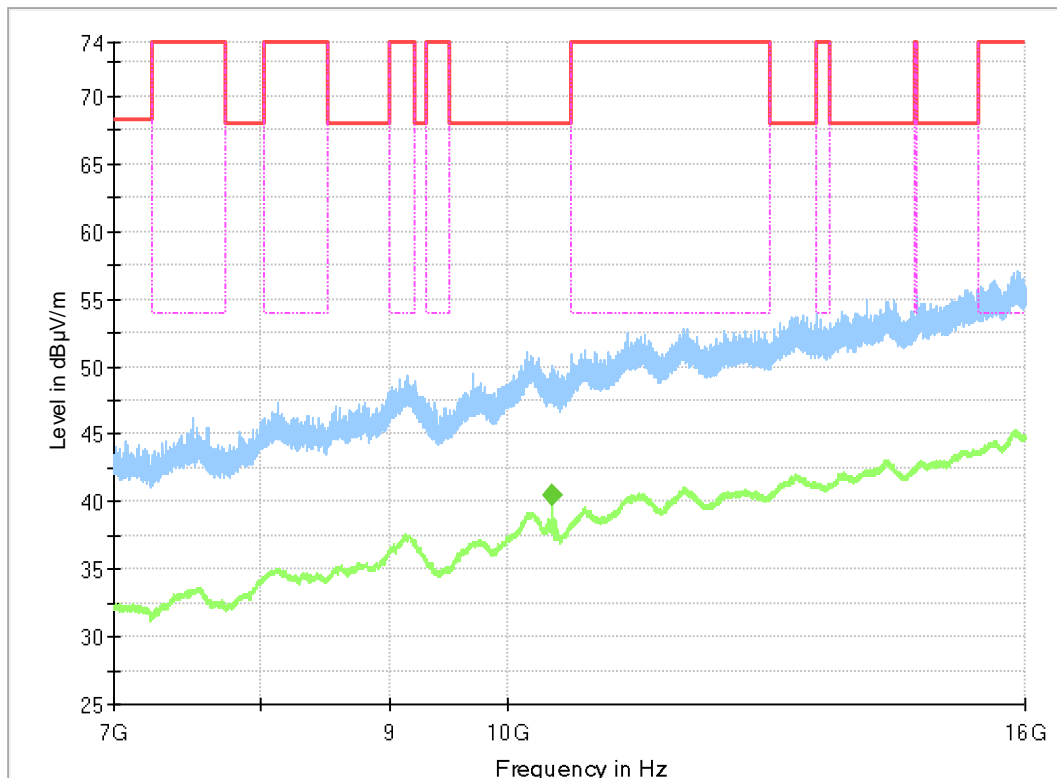
Common Information

Test Description: Radiated field strength emission in 3m distance
 Test Site: Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
 Test Standard: FCC 15.407&15.209 Intentional Radiator
 Antenna polarisation: horizontal/vertical
 Software Version: #Versions#
 Operating Mode: AC80-mode_MCS3_Ch42
 Operator: Lor
 Comment: -
 EUT Setup: 1
 Environmental Conditions: Humidity : 52%rH; Temperature: 19°C
 Verdict: Passed

EUT Information

PMT number: 22-1-00306S178_C02

Full Spectrum



Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	RMS (dBµV/m)	Limit (dBµV/m)	Margin	Meas. Time (ms)	Bandwidth	Height	Pol	Azimuth	Elevation
10420.000000	---	40.42	150.00	109.58	100.0	1000.000	155.0	H	210.0	90.0

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

Frequency (MHz)	Corr. (dB/m)	Sig Path (dB)	Preamplifier	Trd Corr. (dB/m)	Raw Rec (dBµV)	Comment
10420.000000	16	-15	-10	41	---	12:42:21 - 20.12.2022

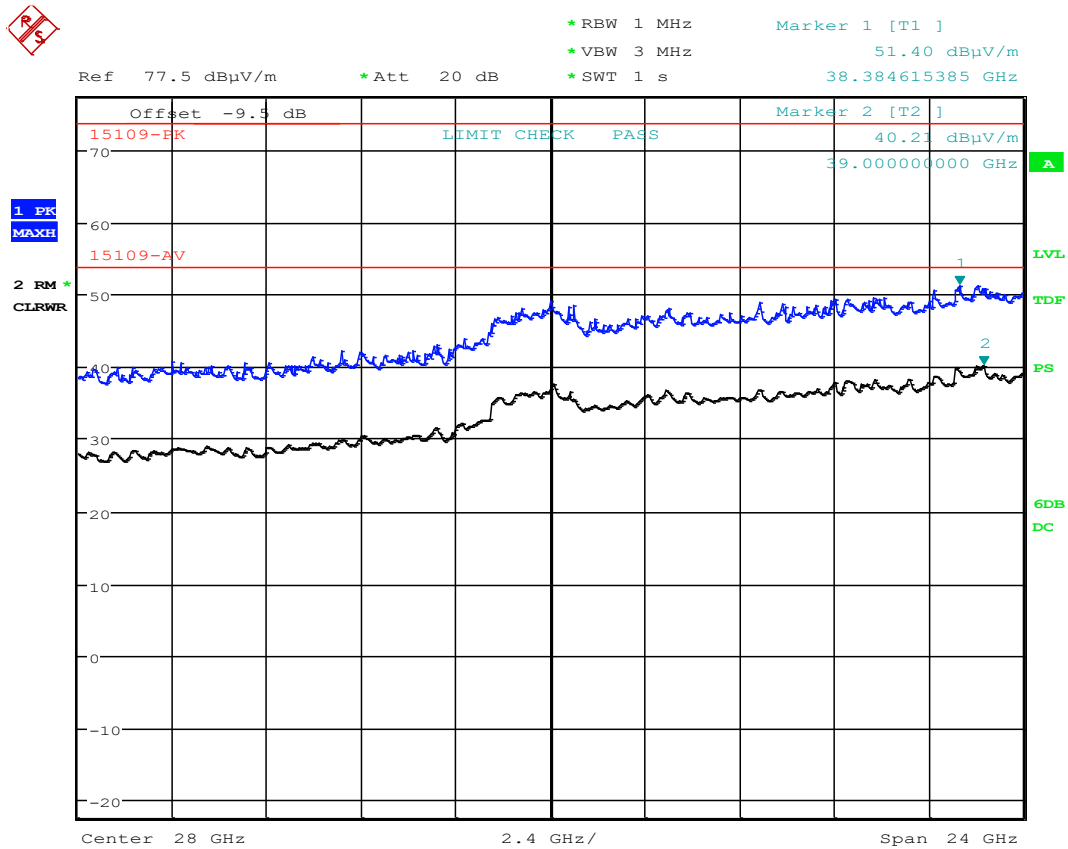
4.11c_ac80-mode_Ch42

Common Information

Test Description: Radiated field strength emission in 3m distance
 Test Site: Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
 Test Standard: FCC 15.407&15.209 Intentional Radiator
 Antenna polarisation: horizontal/vertical
 Software Version: #Versions#
 Operating Mode: AC80-mode_MCS3_Ch42
 Operator: Lor
 Comment: -
 EUT Setup: 1
 Environmental Conditions: Humidity : 52%rH; Temperature: 19°C
 Verdict: Passed

EUT Information

PMT number: 22-1-00306S178_C02



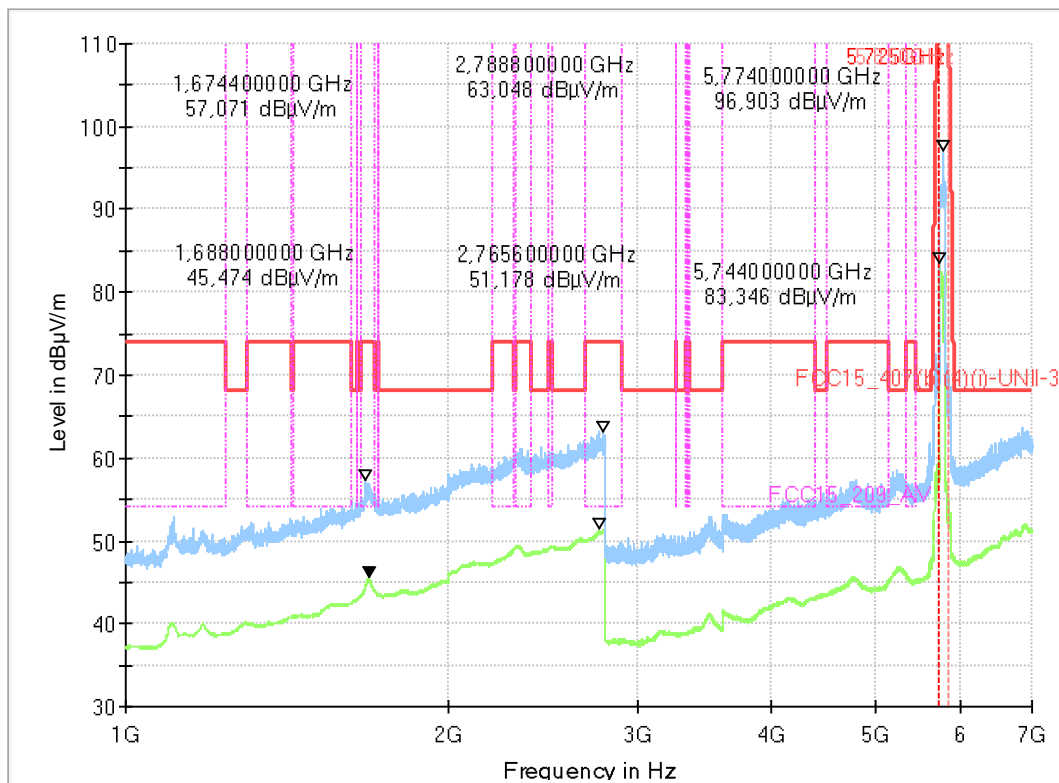
4.12a_ac80-mode_ch155

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Versions#
Operating Mode:	ac80-mode MCS3 ch155
Operator:	TFra
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 45%rH; Temperature: 19°C
Verdict:	Passed

EUT Information

PMT number:	22-1-00306S178_C02
	Full Spectrum



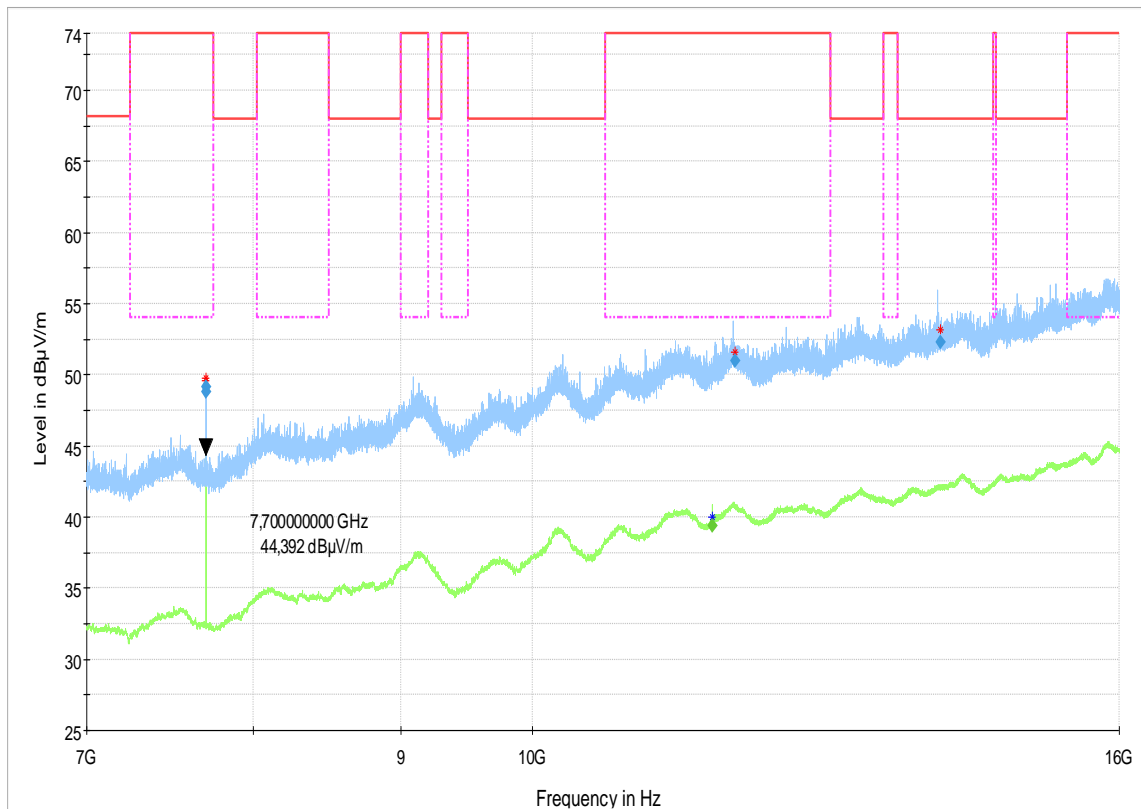
4.12b_ac80-mode_Ch155

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Versions#
Operating Mode:	AC80-mode_MCS3_Ch155
Operator:	Lor
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 52%rH; Temperature: 19°C
Verdict:	Passed

EUT Information

PMT number: 22-1-00306S178_C02



Final_Result

Frequency (MHz)	MaxPeak (dB μ V/m)	RMS (dB μ V/m)	Limit (dB μ V/m)	Margin	Meas. Time (ms)	Bandwidth	Height	Pol	Azimuth	Elevation
7699.960000	48.80	---	74.00	25.20	100.0	1000.000	155.0	V	205.0	90.0
7700.030000	49.11	---	74.00	24.89	100.0	1000.000	155.0	V	149.0	0.0
11550.020000	---	39.40	54.00	14.60	100.0	1000.000	155.0	H	305.0	90.0
11759.190000	50.96	---	74.00	23.04	100.0	1000.000	155.0	V	229.0	0.0
13865.710000	52.28	---	68.00	15.72	100.0	1000.000	155.0	H	255.0	0.0

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

Frequency (MHz)	Corr. (dB/m)	Sig Path (dB)	Pream p	Trd Corr. (dB/m)	Raw Rec (dB μ V)	Comment
7699.960000	10	-19	-10	39	---	13:29:57 - 20.12.2022
7700.030000	10	-19	-10	39	---	13:26:17 - 20.12.2022
11550.020000	19	-14	-10	42	---	13:32:04 - 20.12.2022
11759.190000	20	-14	-10	44	---	13:28:07 - 20.12.2022
13865.710000	22	-13	-10	45	---	13:24:15 - 20.12.2022

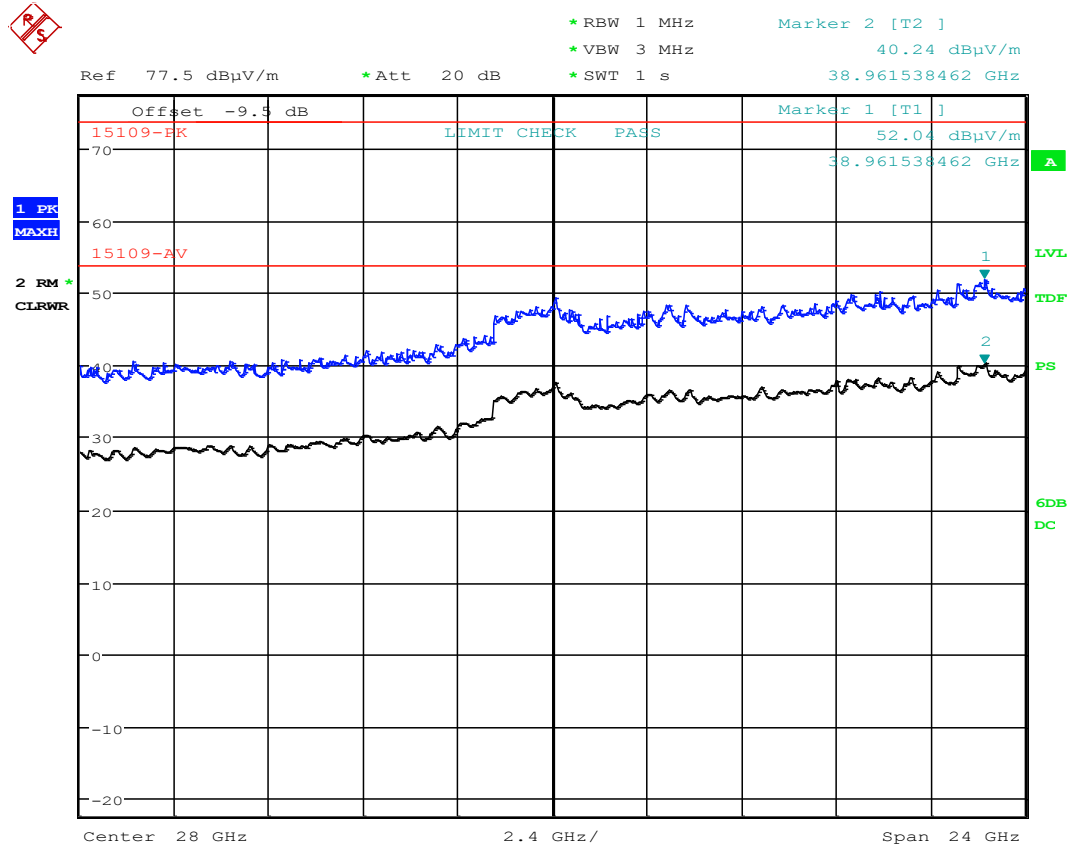
4.12c_ac80-mode_Ch155

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Versions#
Operating Mode:	AC80-mode_MCS3_Ch155
Operator:	Lor
Comment:	Channel no. high=155 (5775MHz)
EUT Setup:	1
Environmental Conditions:	Humidity : 52%rH; Temperature: 19°C
Verdict:	Passed

EUT Information

PMT number: 22-1-00306S178_C02



9.01_a-mode_ch036

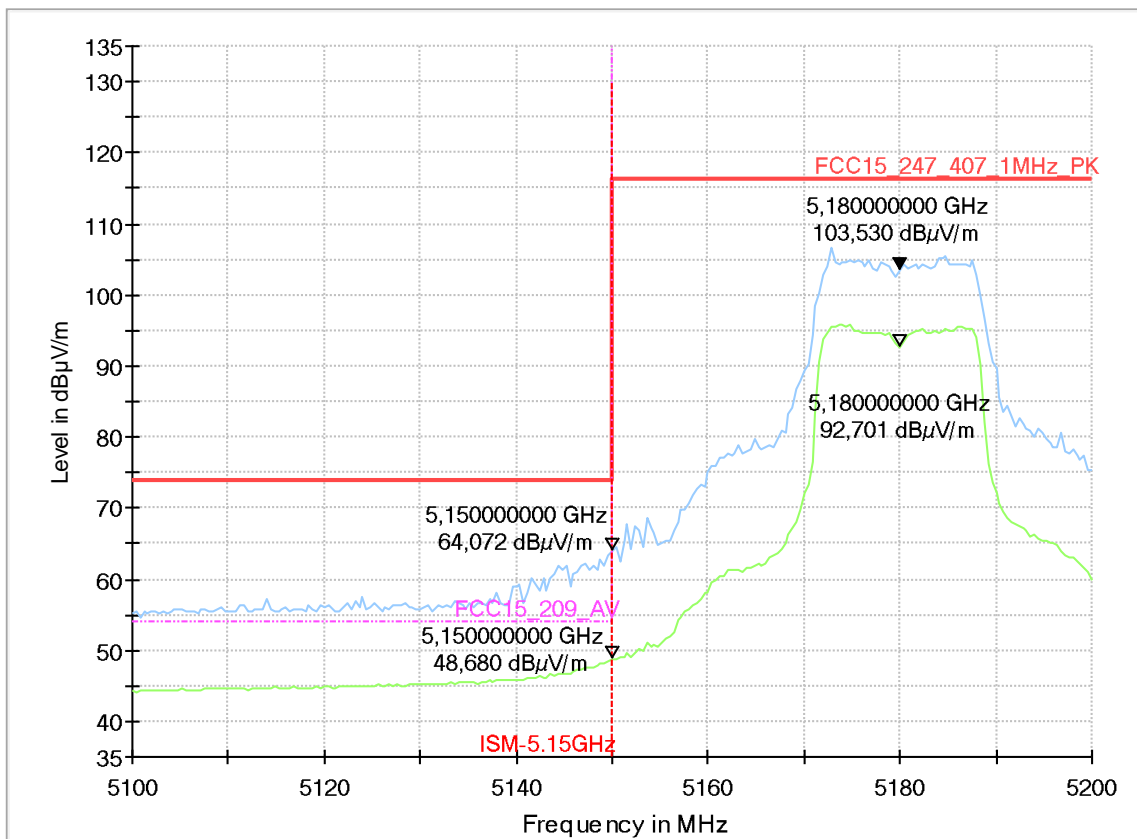
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Versions#
Operating Mode:	TX, continuous
Operator:	Lor
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 52%rH; Temperature: 19°C
Verdict:	Passed

EUT Information

PMT number: 22-1-00306S178_C02

Full Spectrum



9.02_n20-mode_ch036

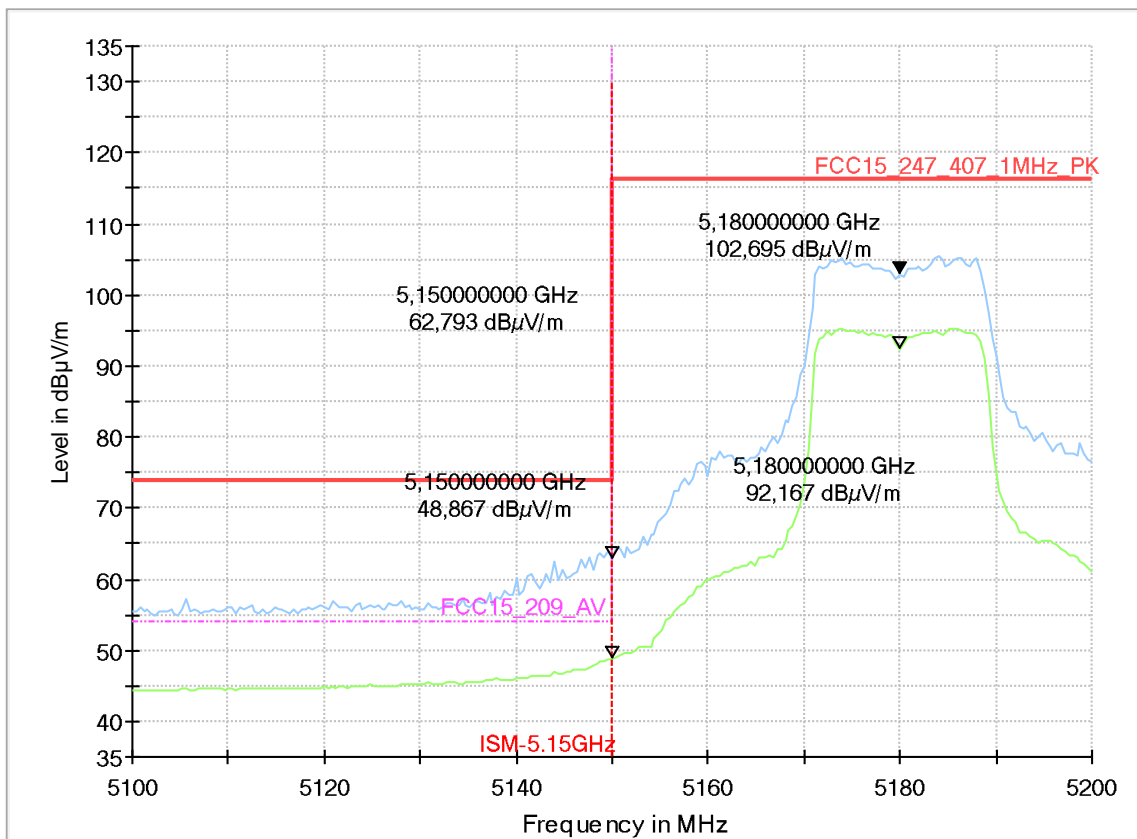
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Versions#
Operating Mode:	TX, continuous
Operator:	Lor
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 52%rH; Temperature: 19°C
Verdict:	Passed

EUT Information

PMT number: 22-1-00306S178_C02

Full Spectrum



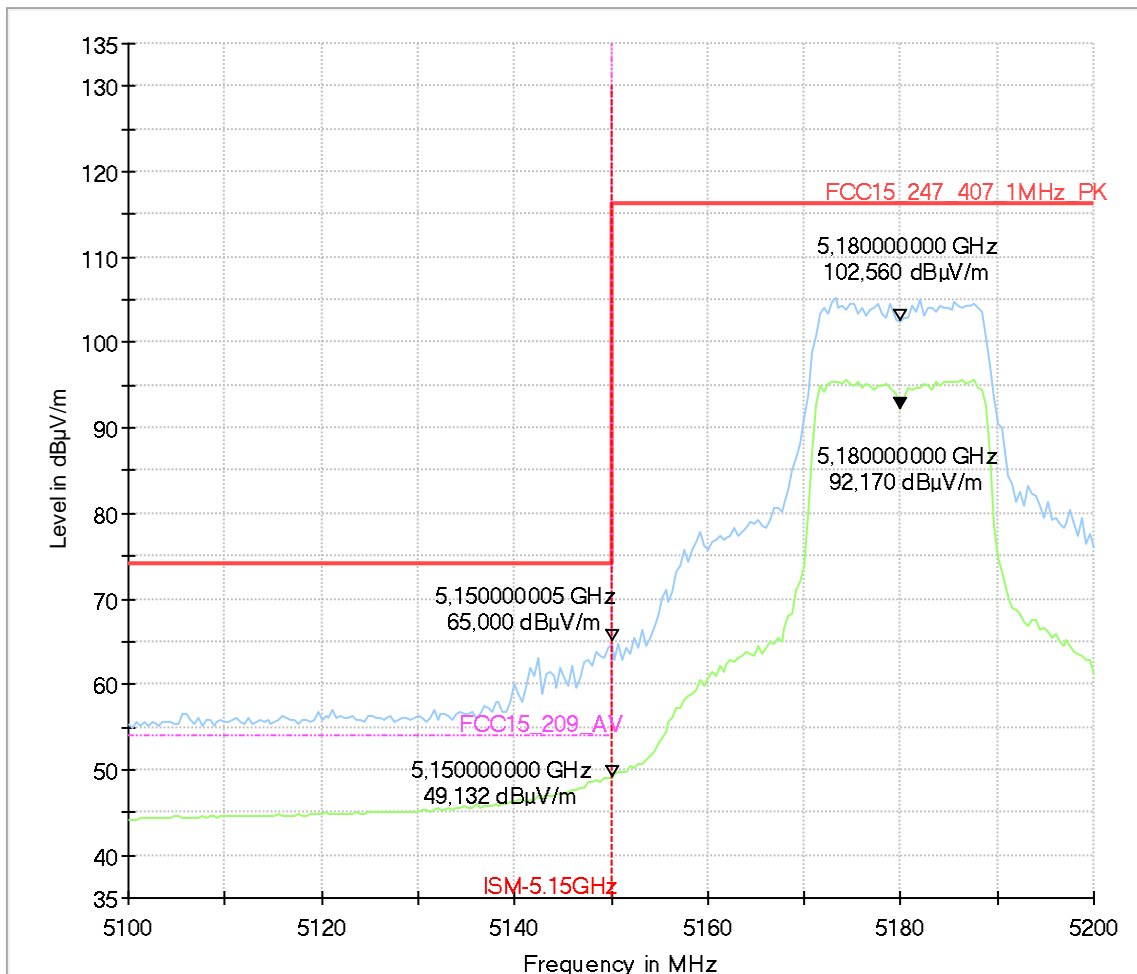
9.03_ac20-mode_ch036

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Versions#
Operating Mode:	TX, continuous
Operator:	Lor
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 52%rH; Temperature: 19°C
Verdict:	Passed

EUT Information

PMT number: 22-1-00306S178_C02



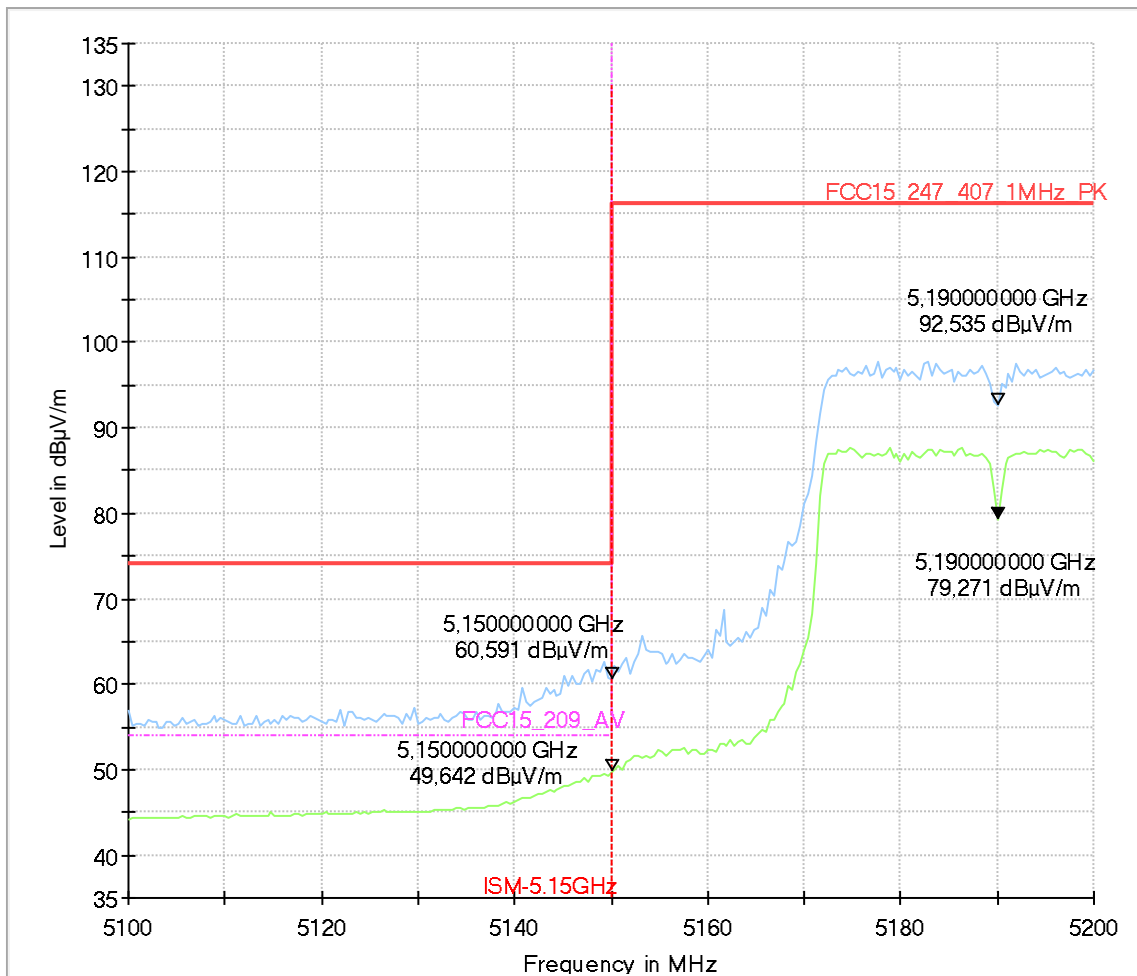
9.04_n40-mode_ch038

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Versions#
Operating Mode:	TX, continuous
Operator:	Lor
Comment:	-
EUT Setup:	1
Environmental Conditions::	Humidity : 52%rH; Temperature: 19°C
Verdict:	Passed

EUT Information

PMT number: 22-1-00306S178_C02



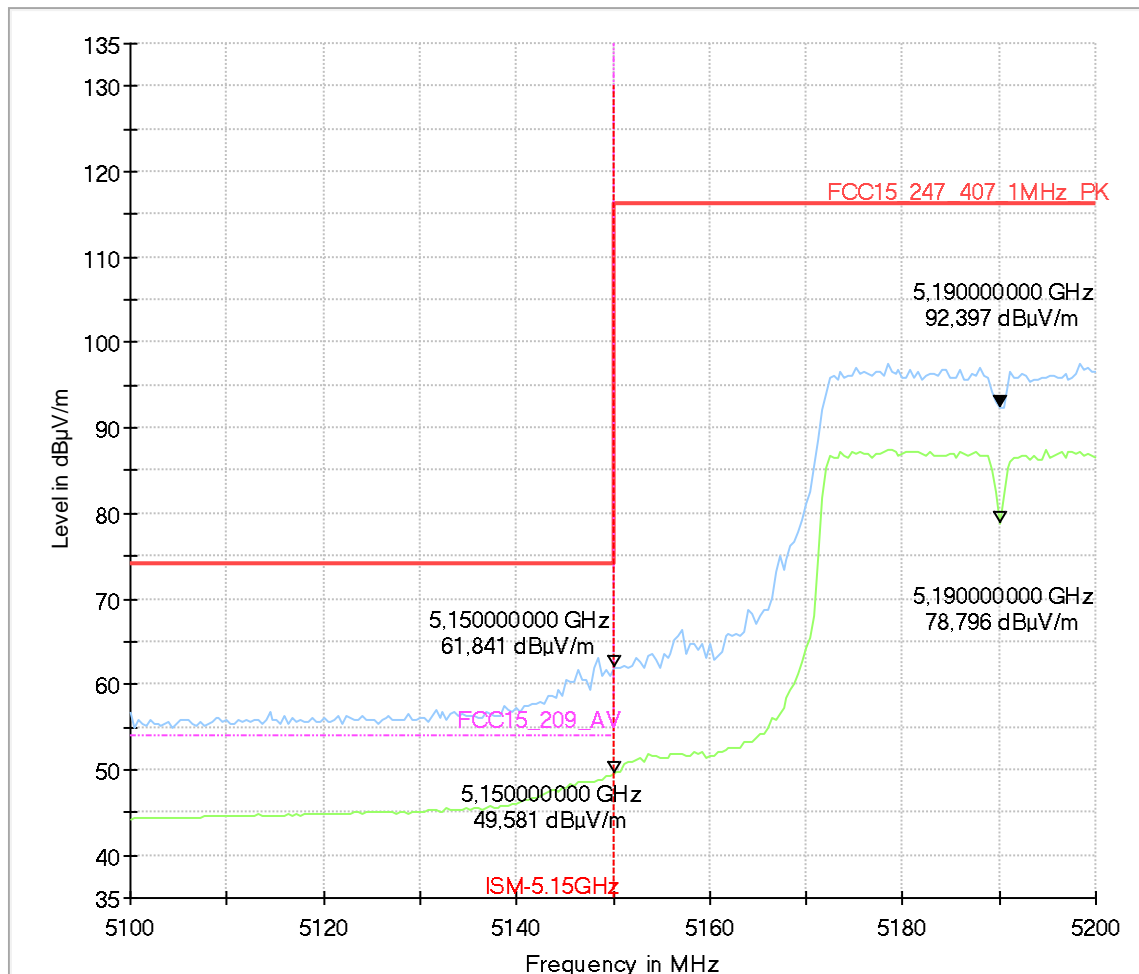
9.05_ac40-mode_ch038

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Versions#
Operating Mode:	TX, continuous
Operator:	Lor
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 52%rH; Temperature: 19°C
Verdict:	Passed

EUT Information

PMT number: 22-1-00306S178_C02



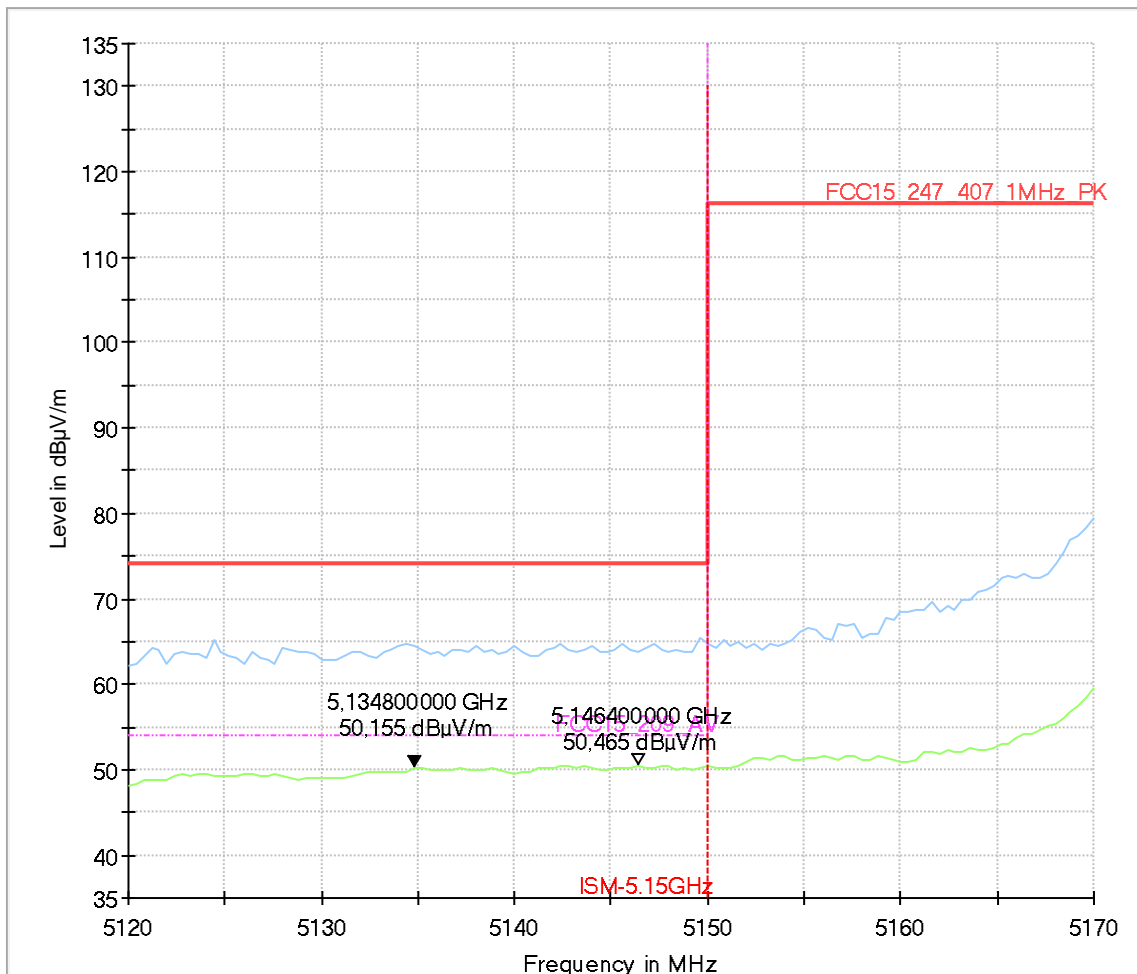
9.06_ac80-mode_ch042

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Versions#
Operating Mode:	TX, continuous
Operator:	Lor
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 52%rH; Temperature: 19°C
Verdict:	Passed

EUT Information

PMT number: 22-1-00306S178_C02



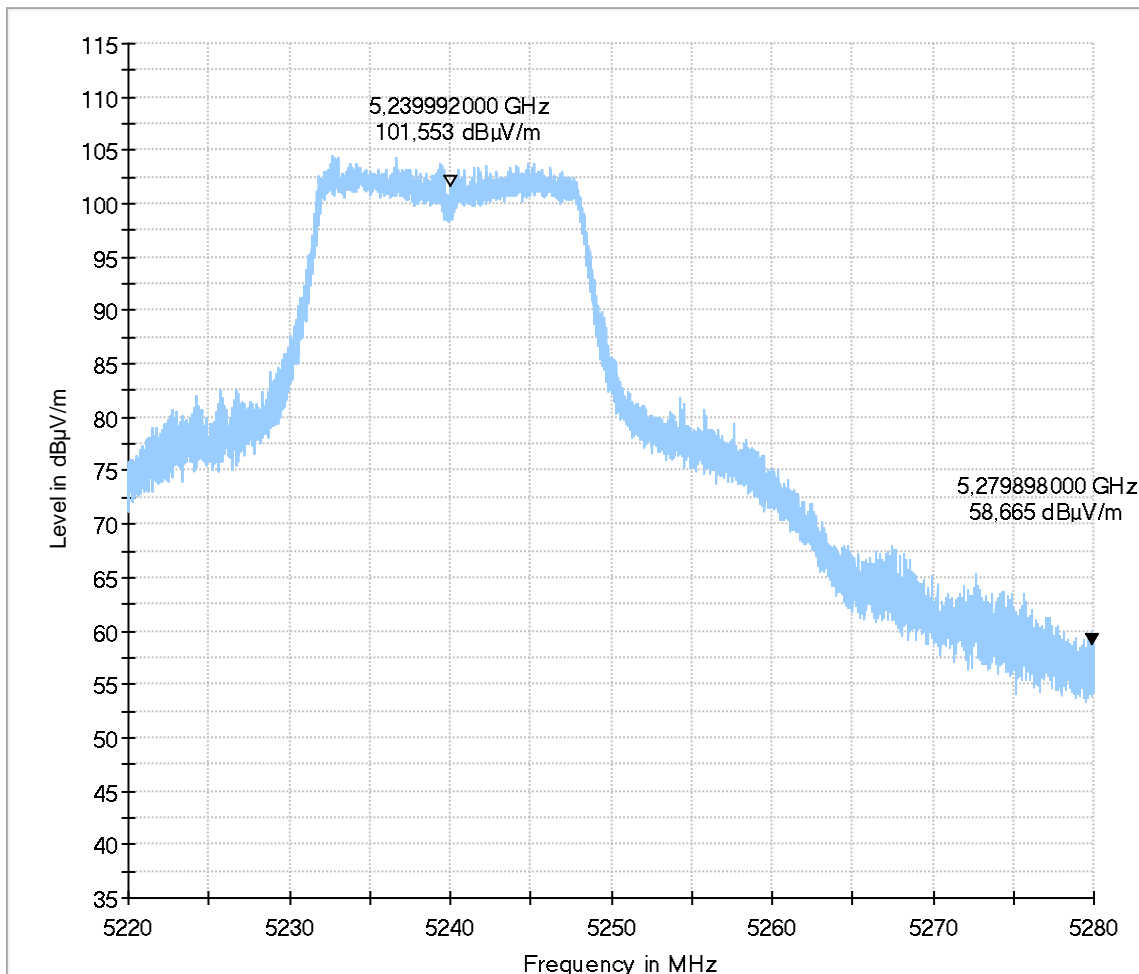
9.07_a-mode_ch048

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Versions#
Operating Mode:	TX, continuous
Operator:	Lor
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 52%rH; Temperature: 19°C
Verdict:	Passed

EUT Information

PMT number: 22-1-00306S178_C02



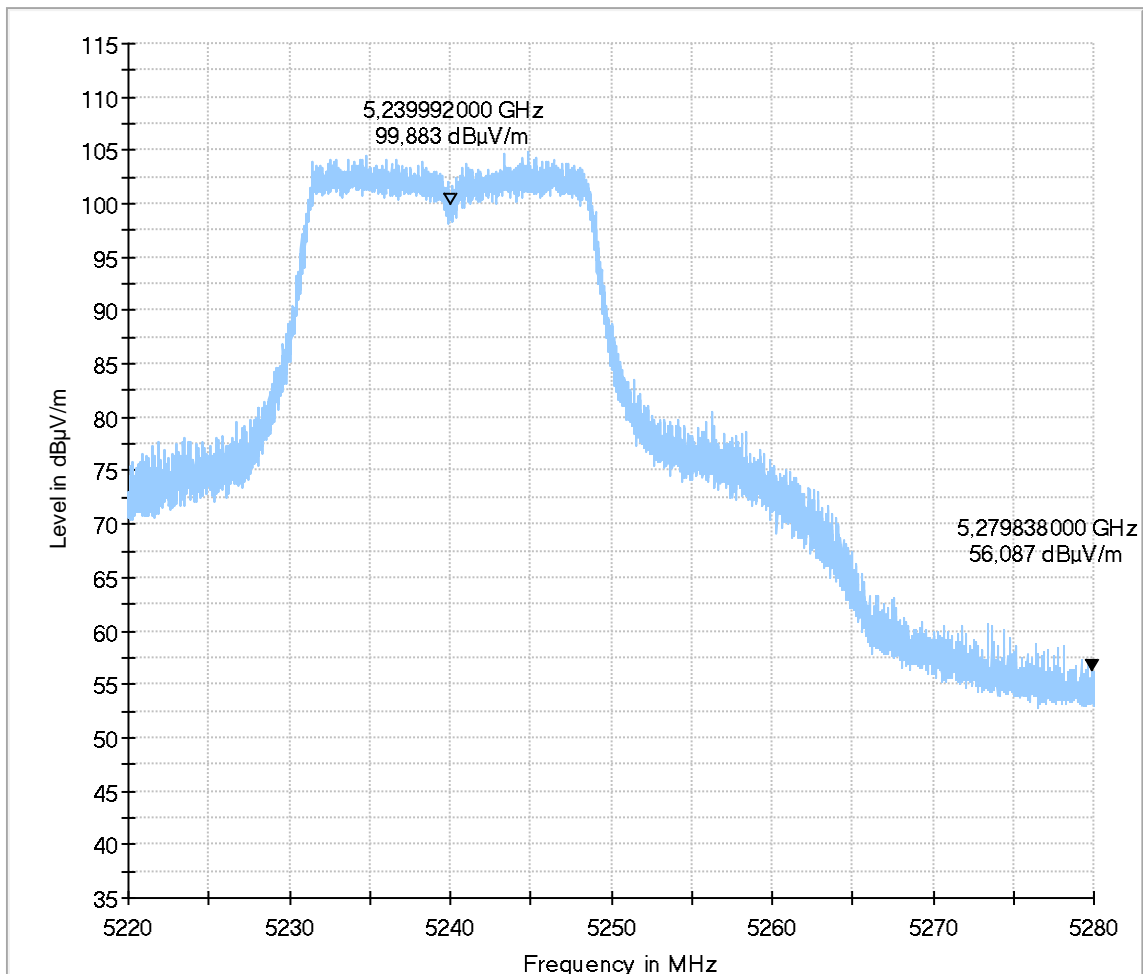
9.08_n20-mode_ch048

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Versions#
Operating Mode:	TX, continuous
Operator:	Lor
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 52%rH; Temperature: 19°C
Verdict:	Passed

EUT Information

PMT number: 22-1-00306S178_C02



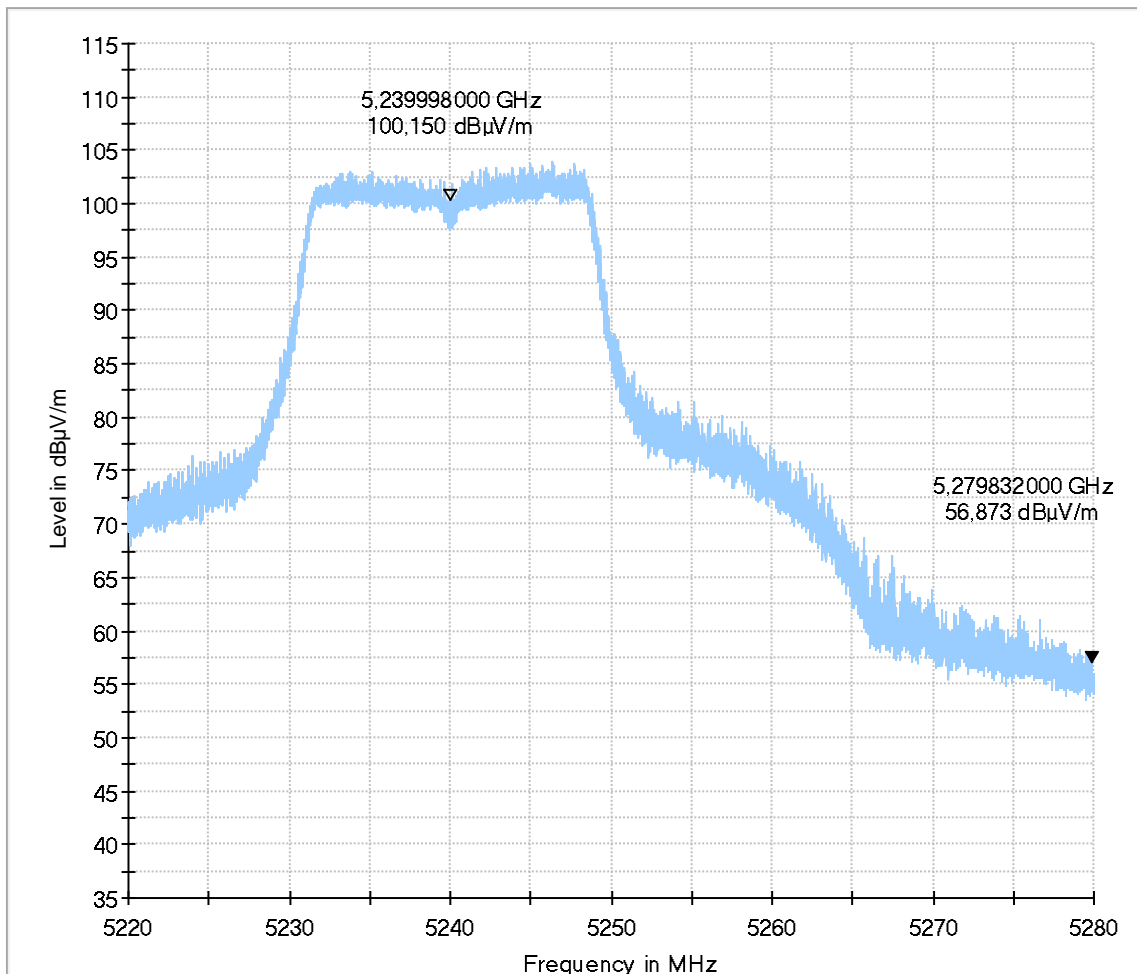
9.09_ac20-mode_ch048

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Versions#
Operating Mode:	TX, continuous
Operator:	Lor
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 52%rH; Temperature: 19°C
Verdict:	Passed

EUT Information

PMT number: 22-1-00306S178_C02



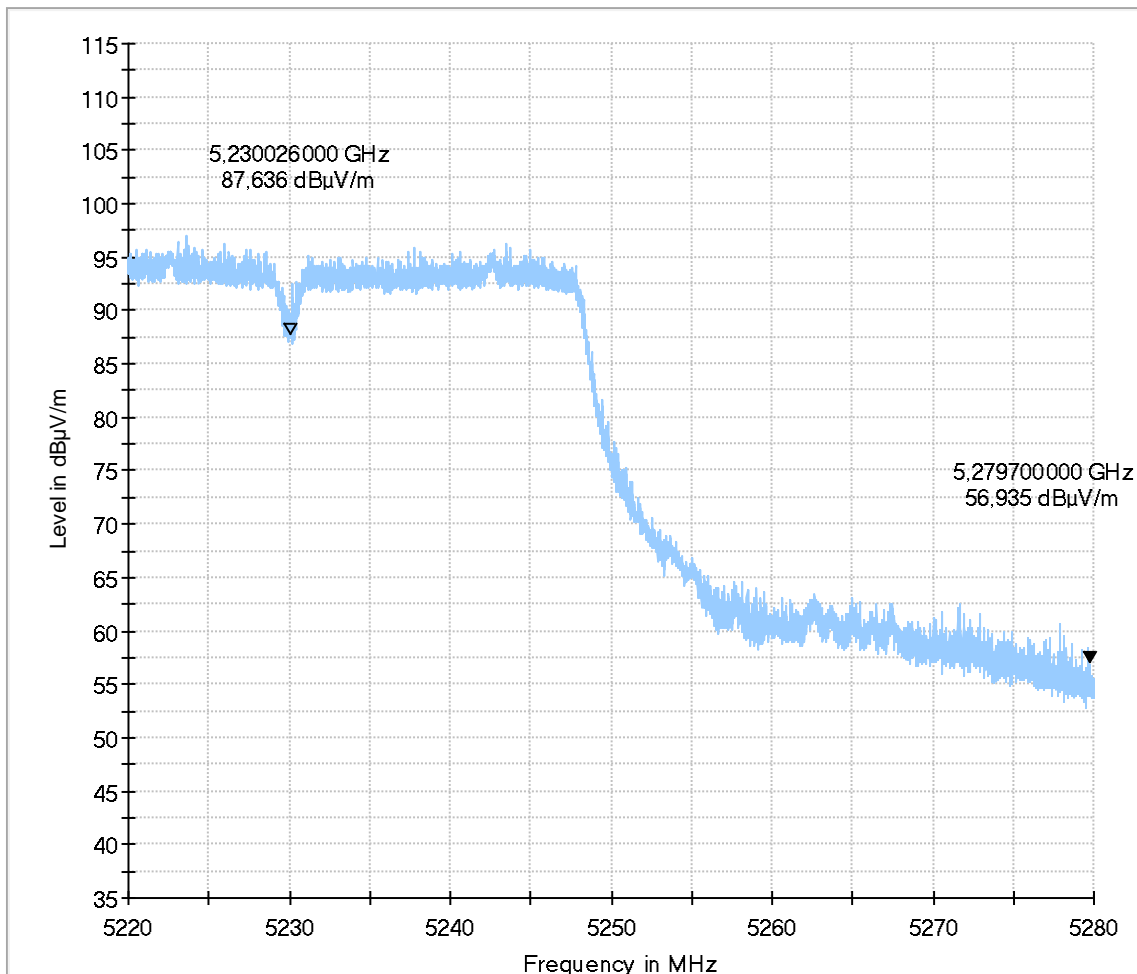
9.10_n40-mode_ch046

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Versions#
Operating Mode:	TX, continuous
Operator:	Lor
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 52%rH; Temperature: 19°C
Verdict:	Passed

EUT Information

PMT number: 22-1-00306S178_C02



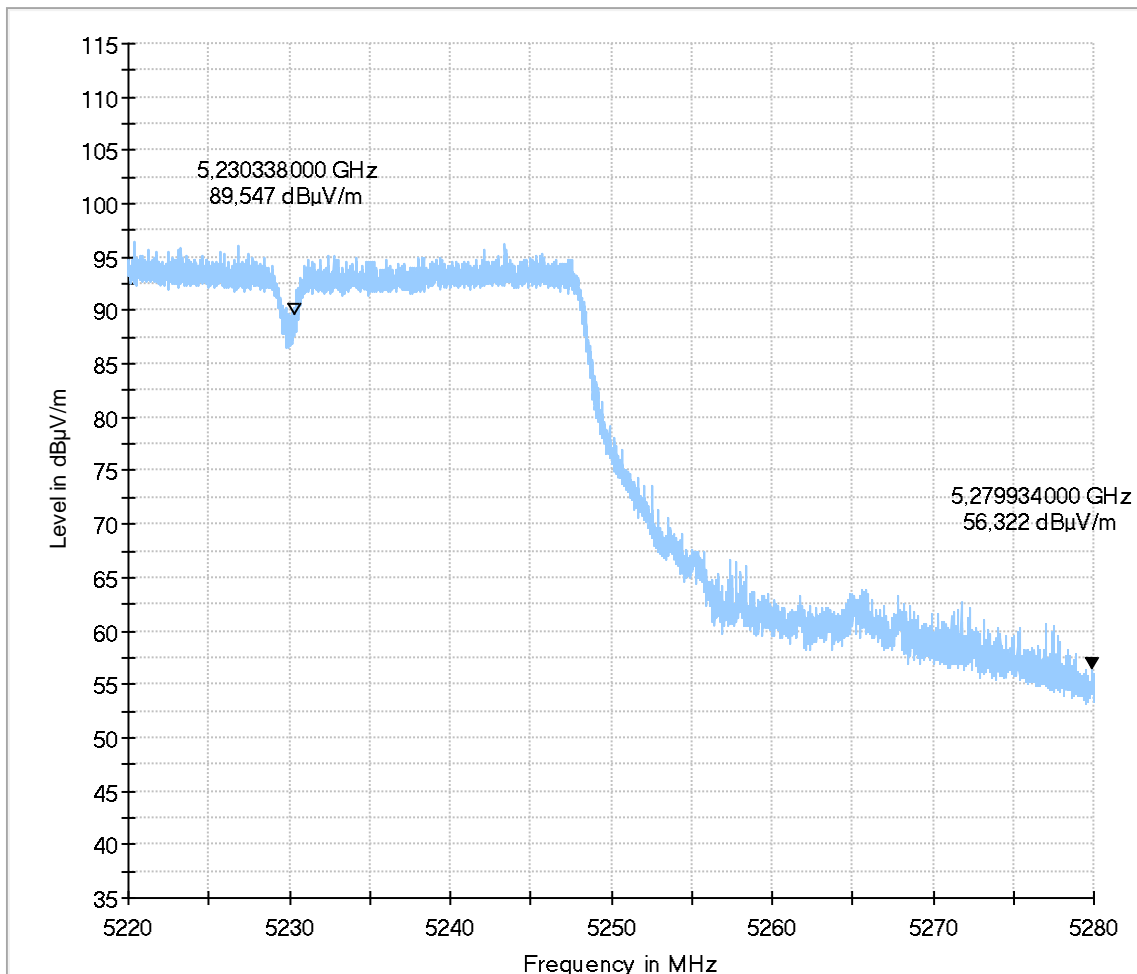
9.11_ac40-mode_ch046

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Versions#
Operating Mode:	TX, continuous
Operator:	Lor
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 52%rH; Temperature: 19°C
Verdict:	Passed

EUT Information

PMT number: 22-1-00306S178_C02



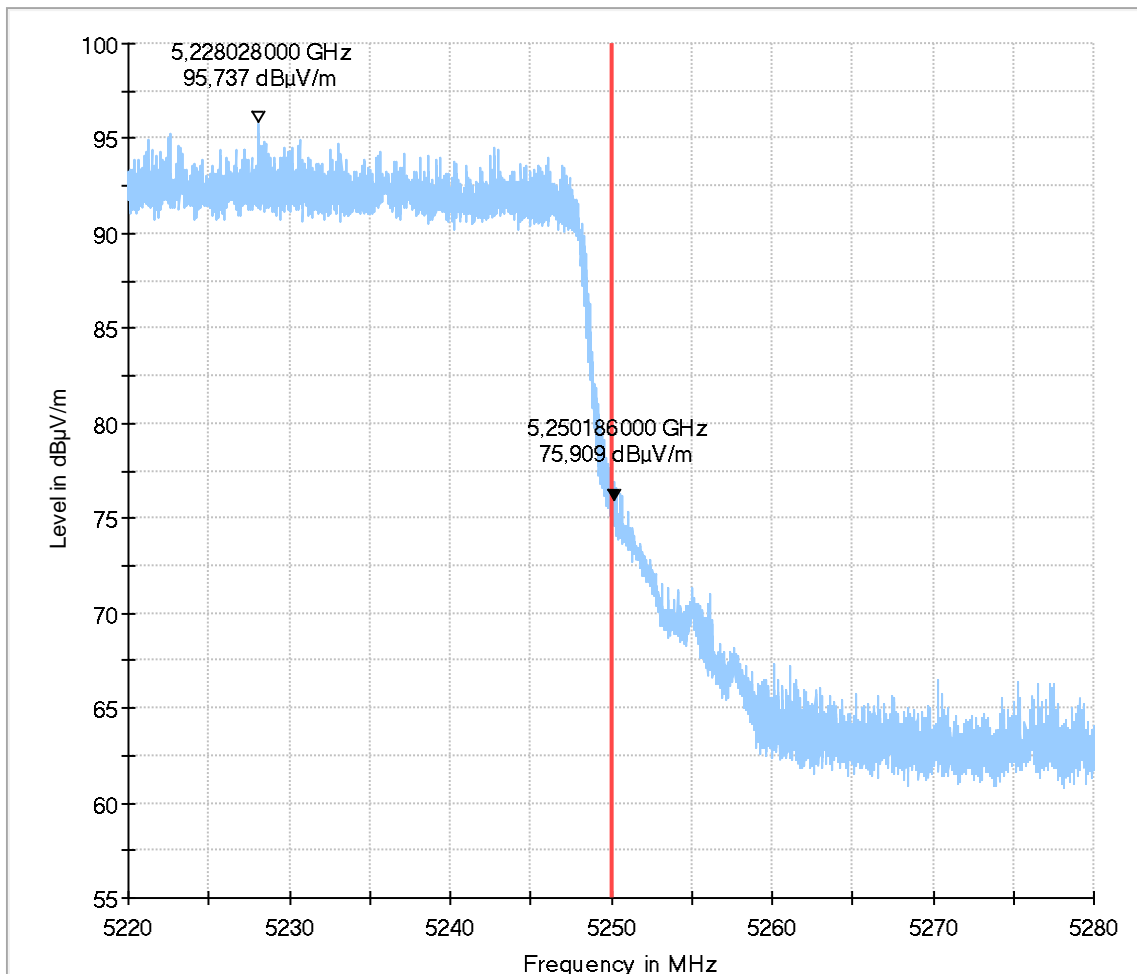
9.12_ac80-mode_ch042

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Versions#
Operating Mode:	TX, continuous
Operator:	Lor
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 52%rH; Temperature: 19°C
Verdict:	Passed

EUT Information

PMT number: 22-1-00306S178_C02



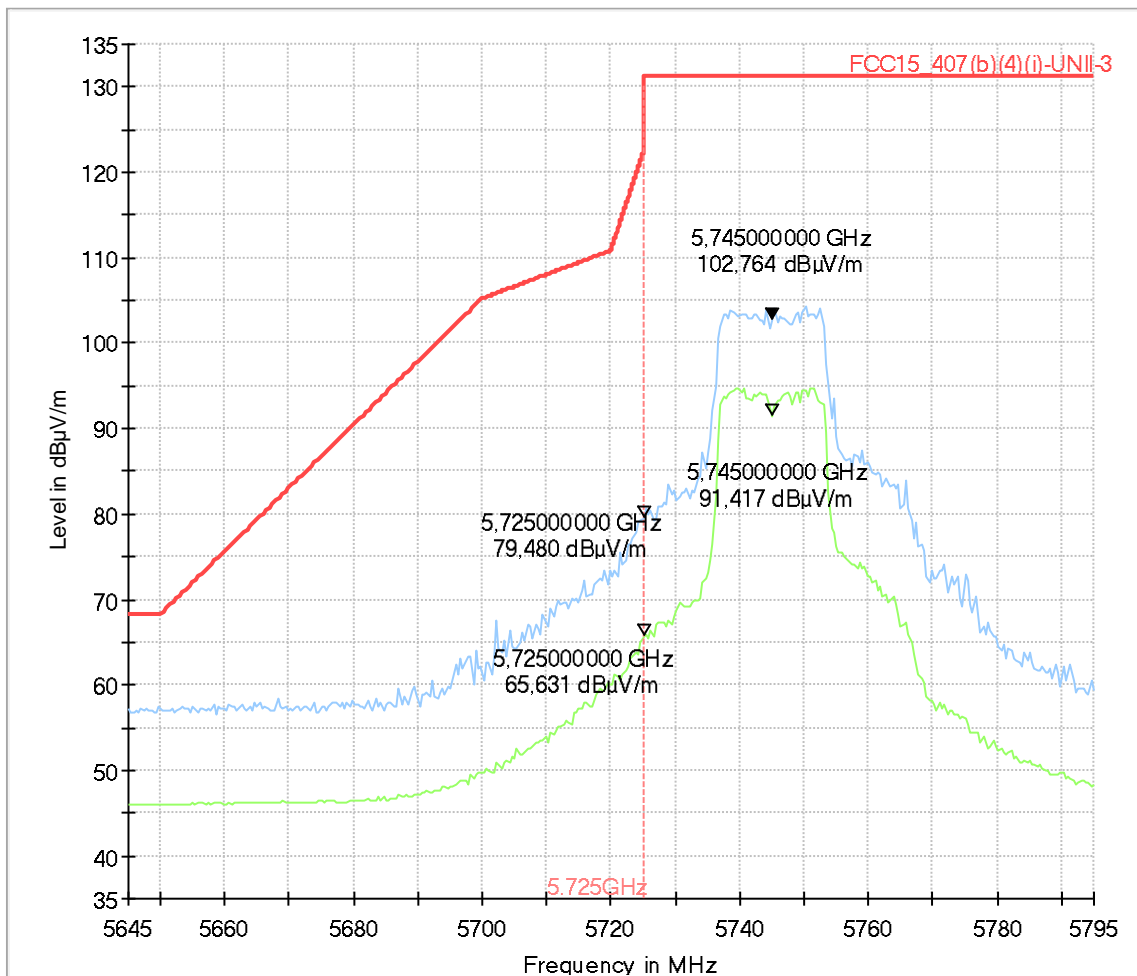
9.13_a-mode_ch149

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Versions#
Operating Mode:	TX, continuous
Operator:	Lor
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 52%rH; Temperature: 19°C
Verdict:	Passed

EUT Information

PMT number: 22-1-00306S178_C02



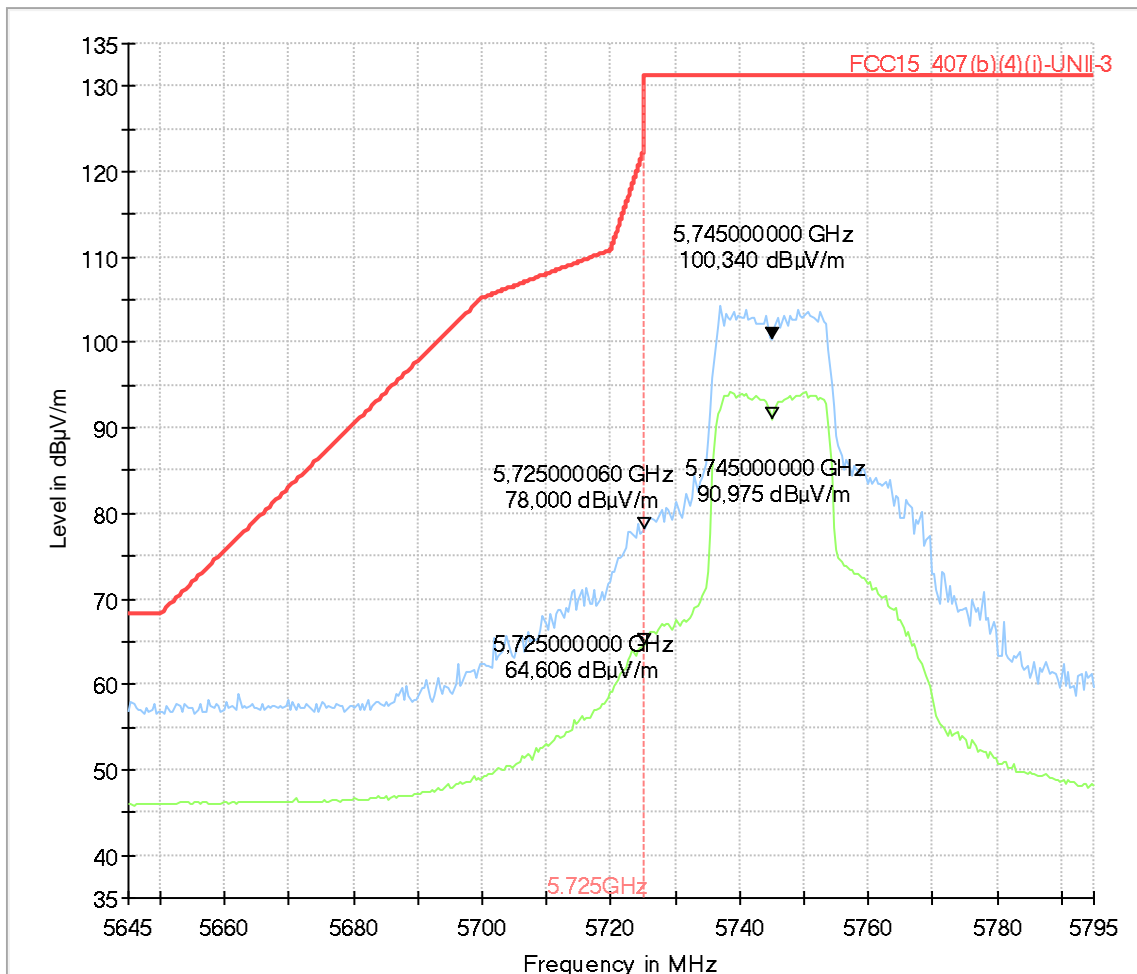
9.14_n20-mode_ch149

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Versions#
Operating Mode:	TX, continuous
Operator:	Lor
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 52%rH; Temperature: 19°C
Verdict:	Passed

EUT Information

PMT number: 22-1-00306S178_C02



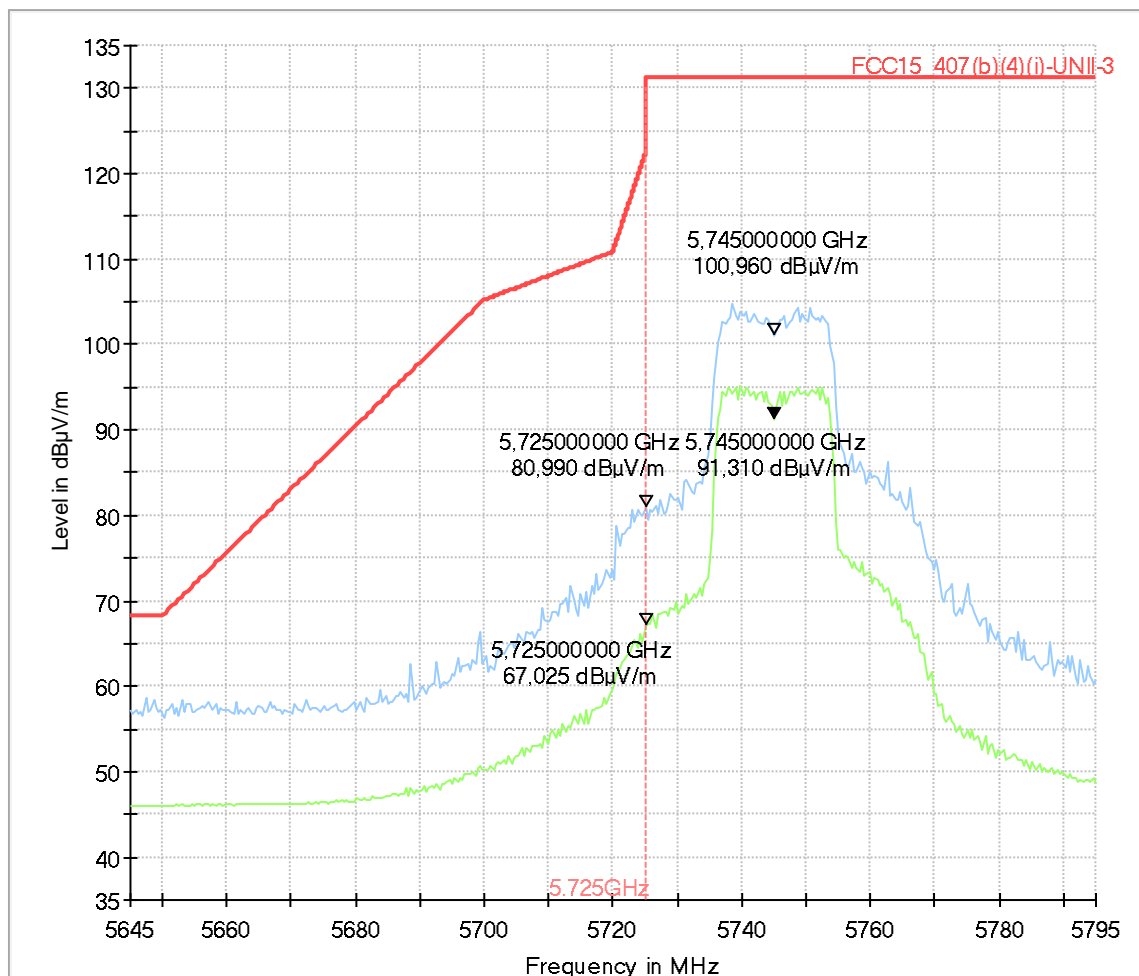
9.15_ac20-mode_ch149

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Versions#
Operating Mode:	TX, continuous
Operator:	Lor
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 52%rH; Temperature: 19°C
Verdict:	Passed

EUT Information

PMT number: 22-1-00306S178_C02



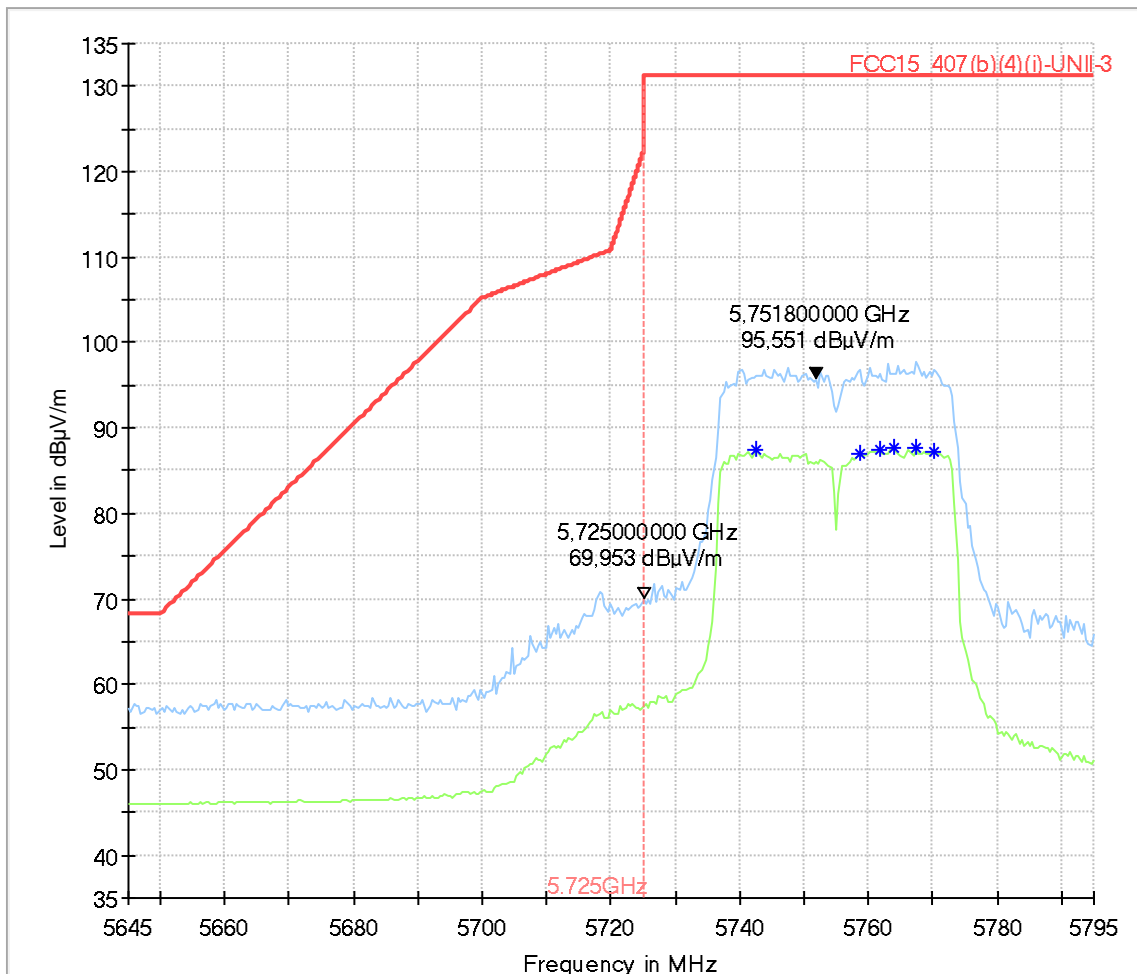
9.16_n40-mode_ch151

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Versions#
Operating Mode:	TX, continuous
Operator:	Lor
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 52%RH; Temperature: 19°C
Verdict:	Passed

EUT Information

PMT number: 22-1-00306S178_C02



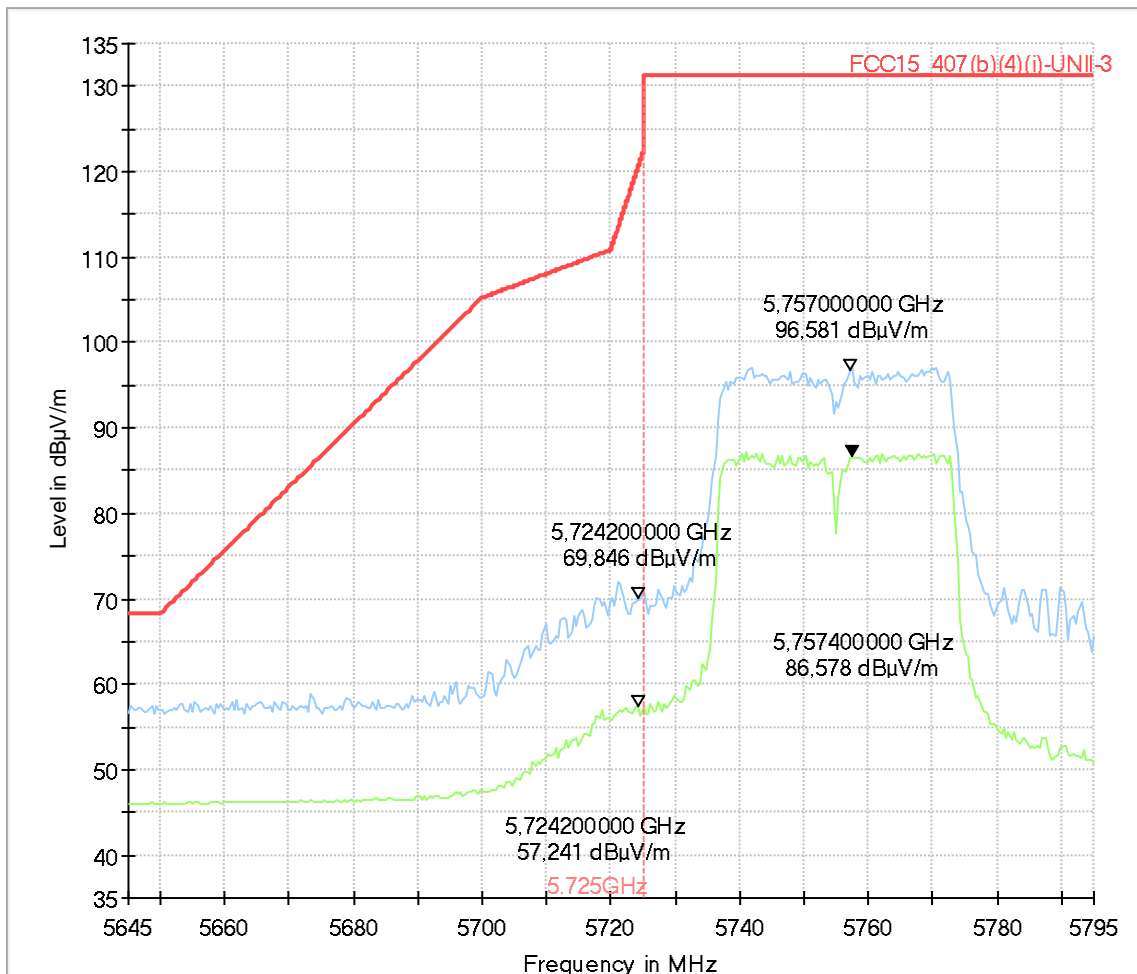
9.17_ac40-mode_ch151

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Versions#
Operating Mode:	TX, continuous
Operator:	Lor
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 52%RH; Temperature: 19°C
Verdict:	Passed

EUT Information

PMT number: 22-1-00306S178_C02



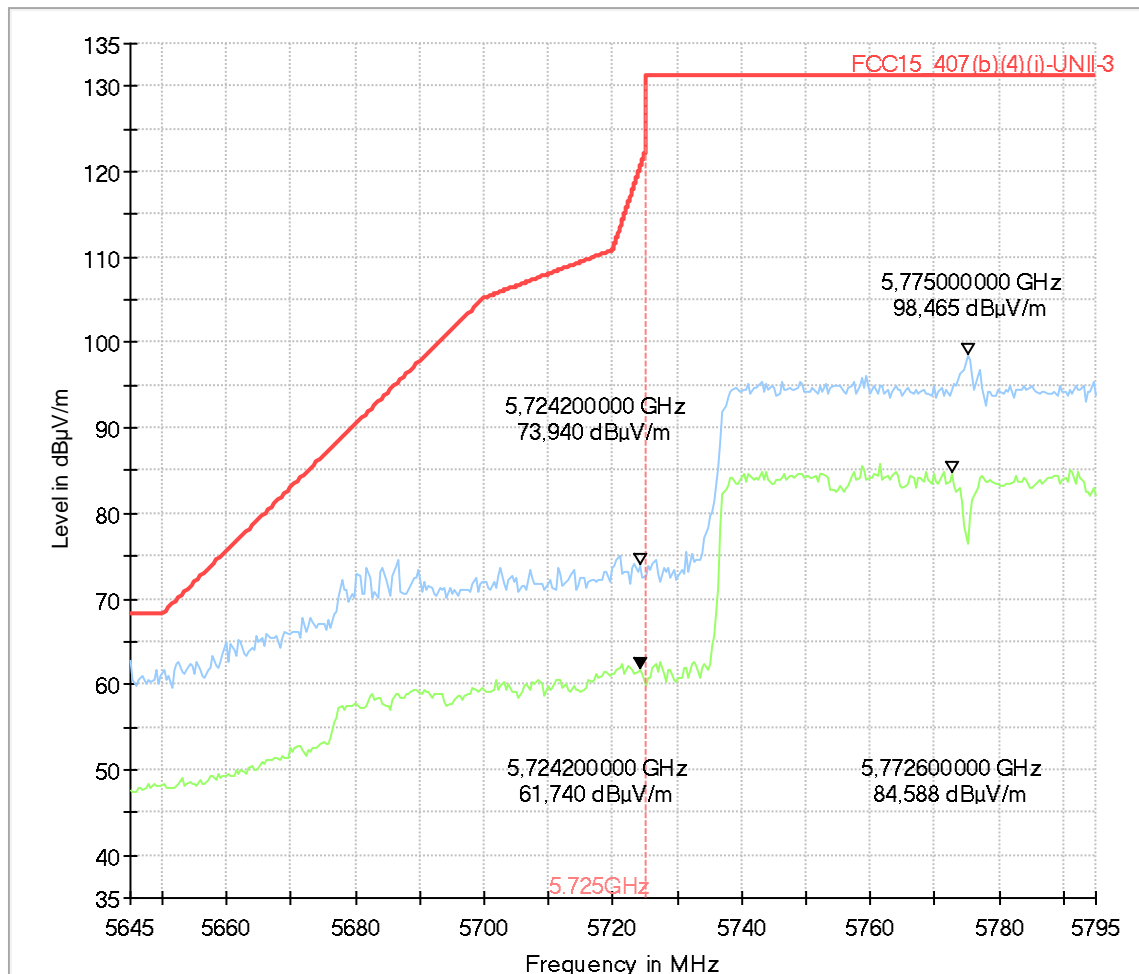
9.18_ac80-mode_ch155

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Versions#
Operating Mode:	TX, continuous
Operator:	Lor
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 52%RH; Temperature: 19°C
Verdict:	Passed

EUT Information

PMT number: 22-1-00306S178_C02



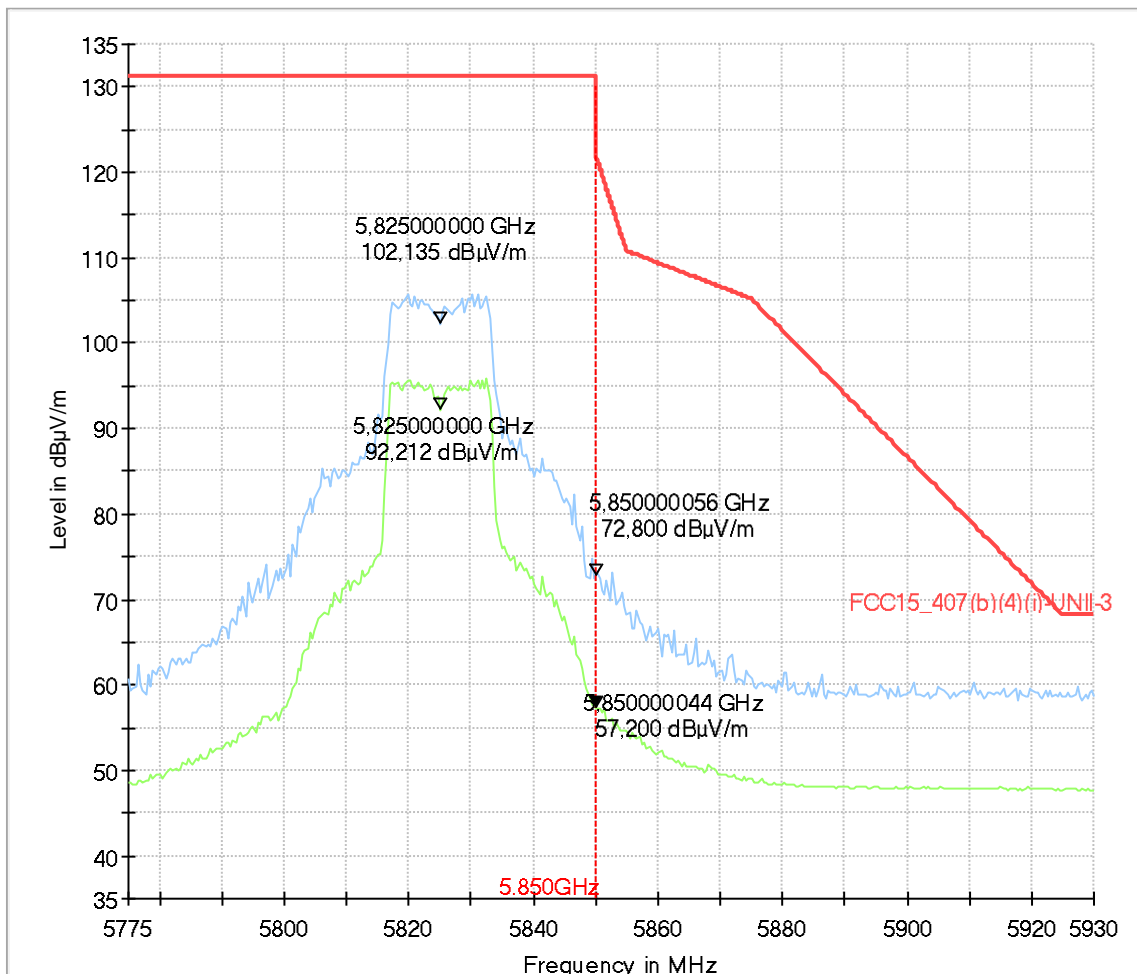
9.19_a-mode_ch165

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Versions#
Operating Mode:	TX, continuous
Operator:	Lor
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 52%rH; Temperature: 19°C
Verdict:	Passed

EUT Information

PMT number: 22-1-00306S178_C02



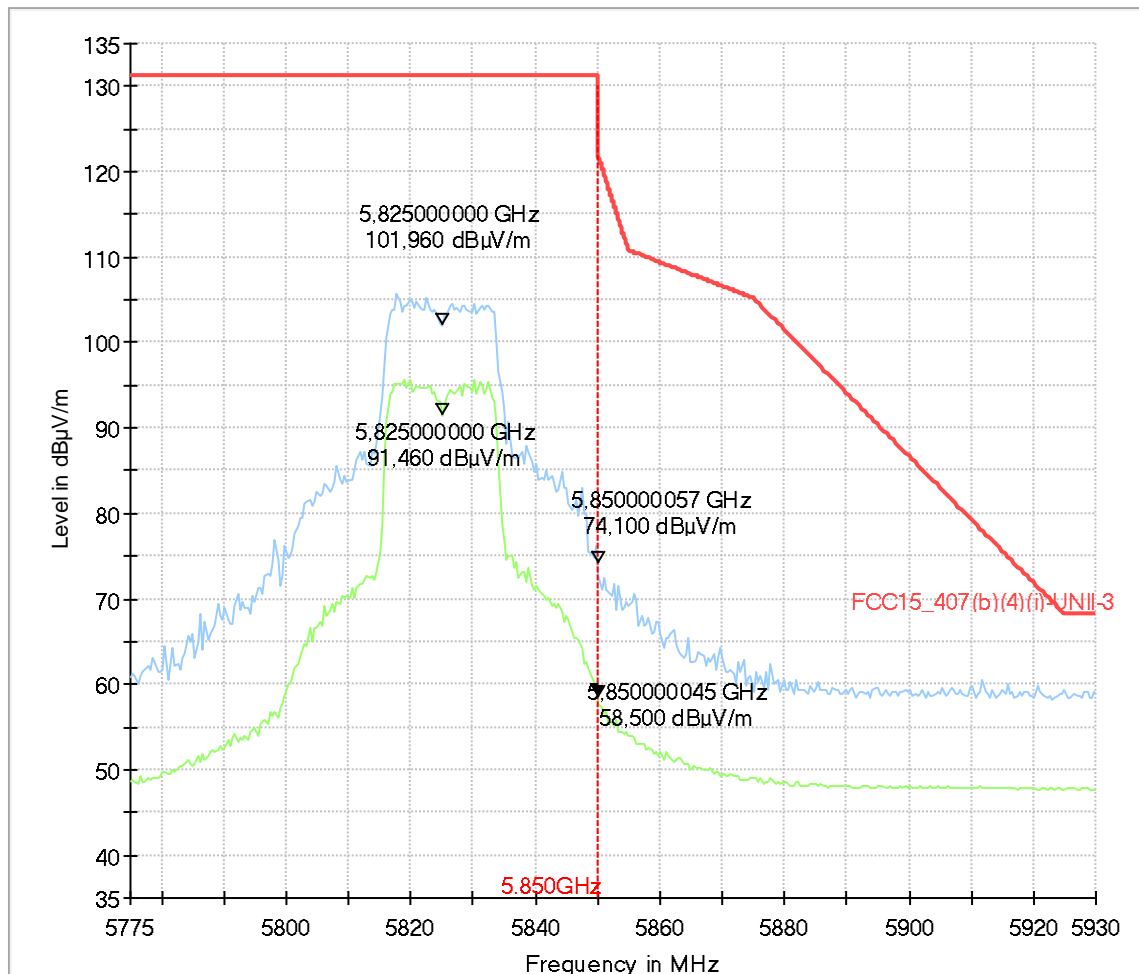
9.20_n20-mode_ch165

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Versions#
Operating Mode:	TX, continuous
Operator:	Lor
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 52%rH; Temperature: 19°C
Verdict:	Passed

EUT Information

PMT number: 22-1-00306S178_C02



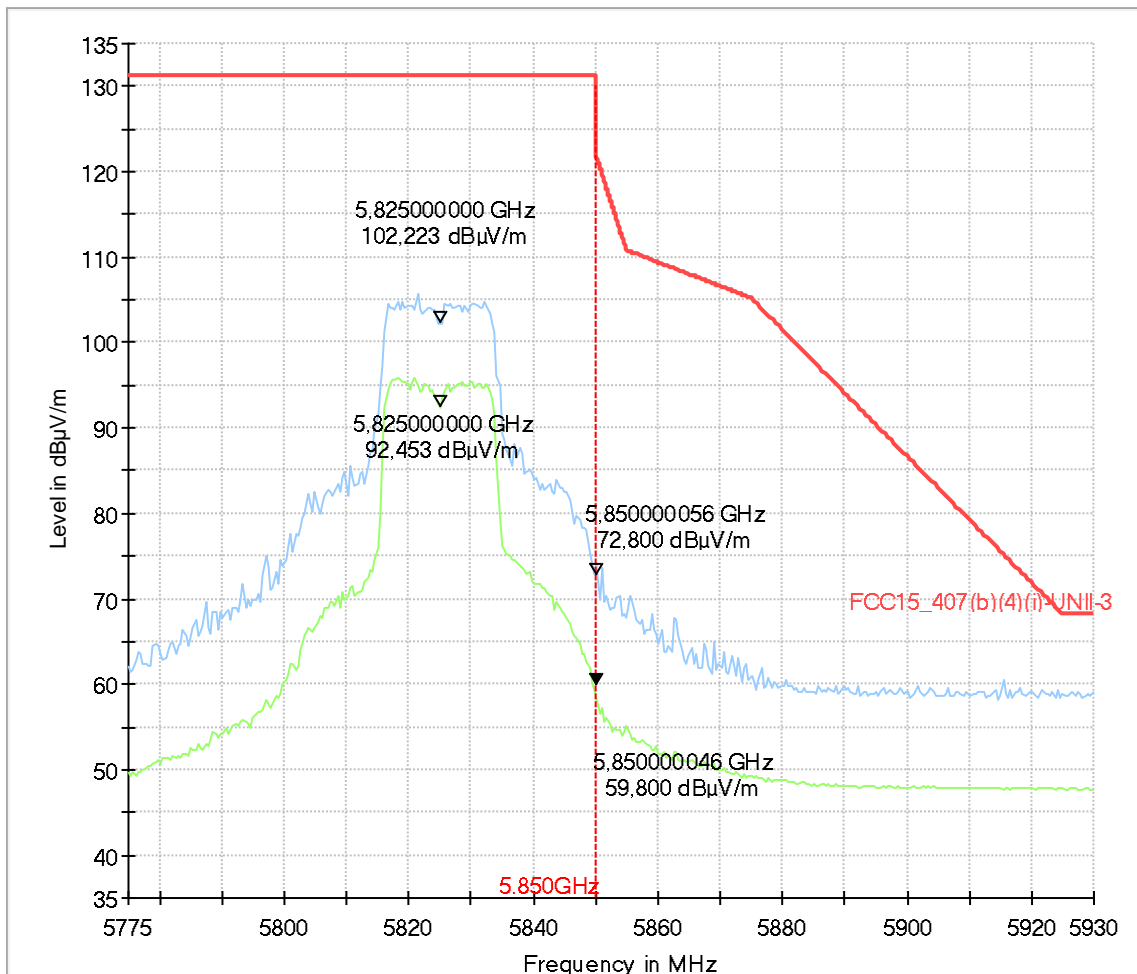
9.21_ac20-mode_ch165

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Versions#
Operating Mode:	TX, continuous
Operator:	Lor
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 52%rH; Temperature: 19°C
Verdict:	Passed

EUT Information

PMT number: 22-1-00306S178_C02



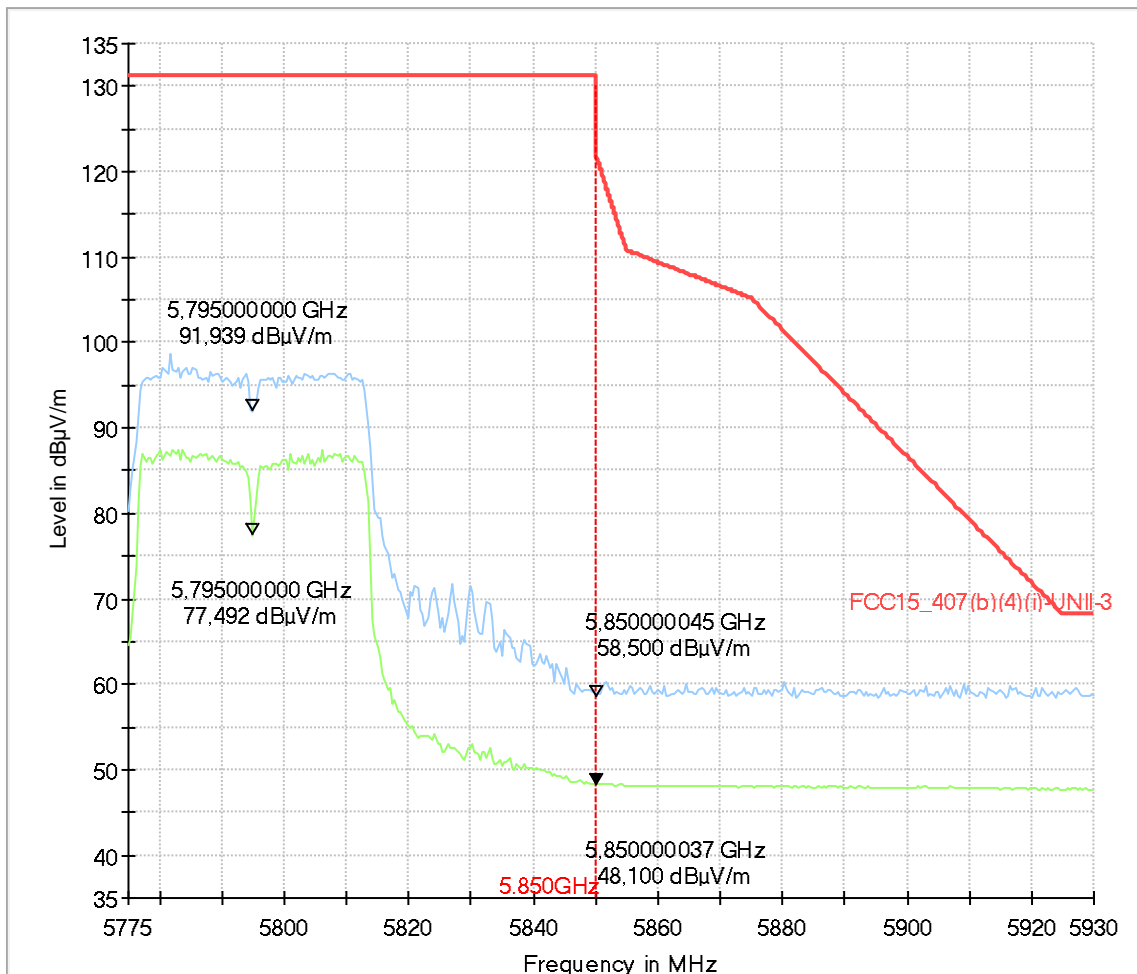
9.22_n40-mode_ch159

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Versions#
Operating Mode:	TX, continuous
Operator:	Lor
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 52%rH; Temperature: 19°C
Verdict:	Passed

EUT Information

PMT number: 22-1-00306S178_C02



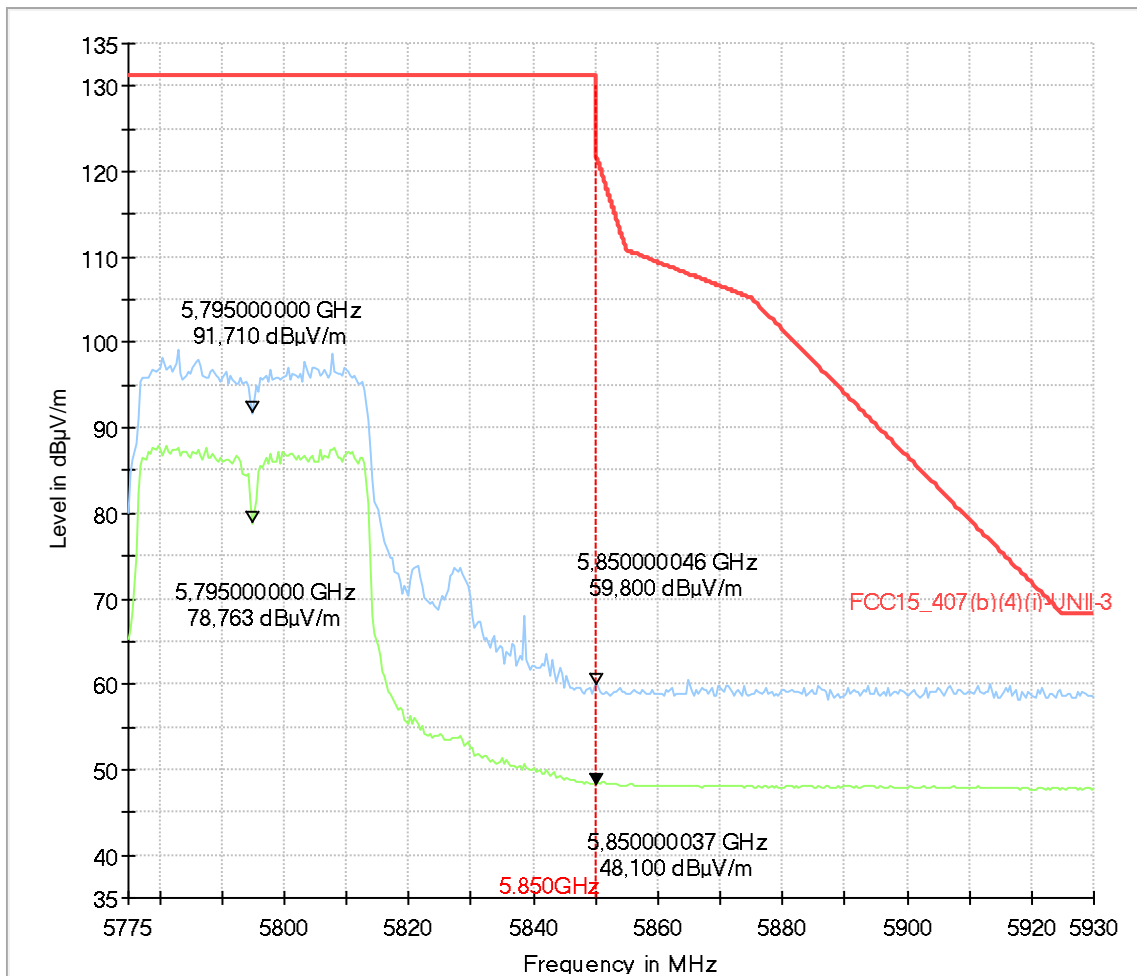
9.23_ac40-mode_ch159

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Versions#
Operating Mode:	TX, continuous
Operator:	Lor
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 52%rH; Temperature: 19°C
Verdict:	Passed

EUT Information

PMT number: 22-1-00306S178_C02



9.24_ac80-mode_ch155

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Versions#
Operating Mode:	TX, continuous
Operator:	Lor
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 52%rH; Temperature: 19°C
Verdict:	Passed

EUT Information

PMT number: 22-1-00306S178_C02

