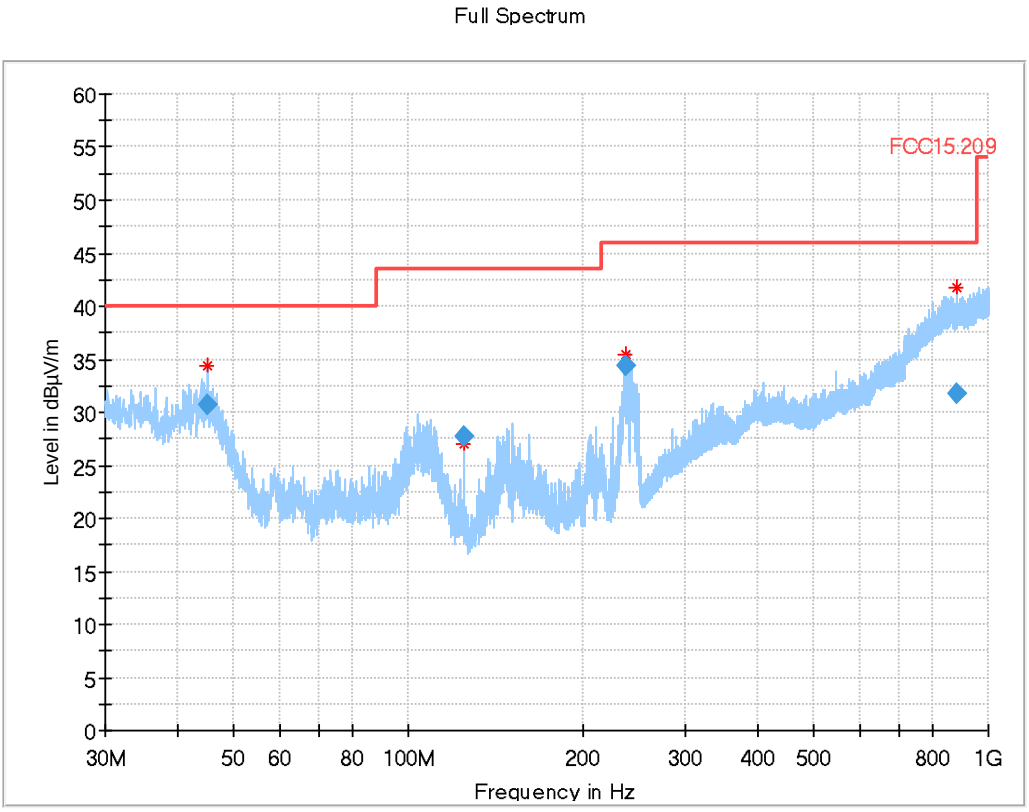
3.30a_ W-LAN 5GHz +BT_standing

Common Information

Test description:	Electric Field Strength Measurement
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC.V9.25.00
Technical Data:	Please see page 2 for detailed data of measurement setup
Test specification.:	FCC 15.209; RSS-Gen: Issue 5
Operator:	MKh
Operating Mode:	SImultaneousTransmissions_ W-LAN 5GHz +BT
Power during tests:	13,5V DC
Environmental Conditions::	Humidity : 65,1%rH; Temperature: 21,2°C
Comment:	Mobilephone-ON_WLANRouter_Iperf

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIV10
Type:	Multimedia device with Bluetooth and WLAN
HW:	tbd
SW:	tbd
Serial Nr.:	0005015
Power Supply:	13.5V DC



Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
45.048000	30.71	40.00	9.29	120.000	105.0	V	329.0	15.0
124.996000	27.75	43.50	15.75	120.000	153.0	V	276.0	8.2
237.400000	34.43	46.00	11.57	120.000	161.0	H	207.0	13.1
884.128000	31.80	46.00	14.20	120.000	360.0	V	293.0	26.9

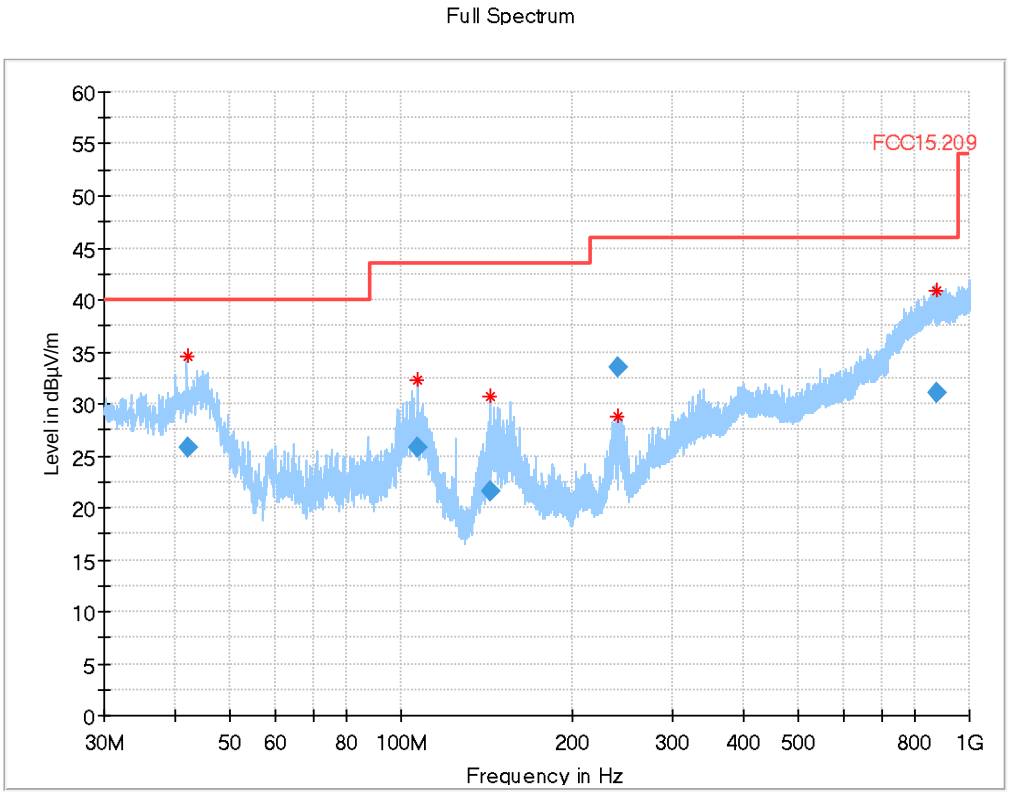
3.30b_ W-LAN 5GHz +BT_laying

Common Information

Test description:	Electric Field Strength Measurement
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC.V9.25.00
Technical Data:	Please see page 2 for detailed data of measurement setup
Test specification.:	FCC 15.209; RSS-Gen: Issue 5
Operator:	Mkh/Mah
Operating Mode:	SImultaneousTransmissions_ W-LAN 5GHz +BT
Power during tests:	13,5V DC
Environmental Conditions::	Humidity : 66,0%rH; Temperature: 21,2°C
Comment:	Mobilephone-ON_WLANRouter_Iperf

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIV10
Type:	Multimedia device with Bluetooth and WLAN
HW:	tbd
SW:	tbd
Serial Nr.:	0005015
Power Supply:	13.5V DC



Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
42.060000	25.77	40.00	14.23	120.000	299.0	H	11.0	16.3
106.752000	25.80	43.50	17.70	120.000	297.0	H	177.0	8.1
143.240000	21.66	43.50	21.85	120.000	249.0	H	332.0	8.7
240.000000	33.54	46.00	12.46	120.000	120.0	H	215.0	13.1
877.260000	31.12	46.00	14.88	120.000	333.0	H	68.0	26.2

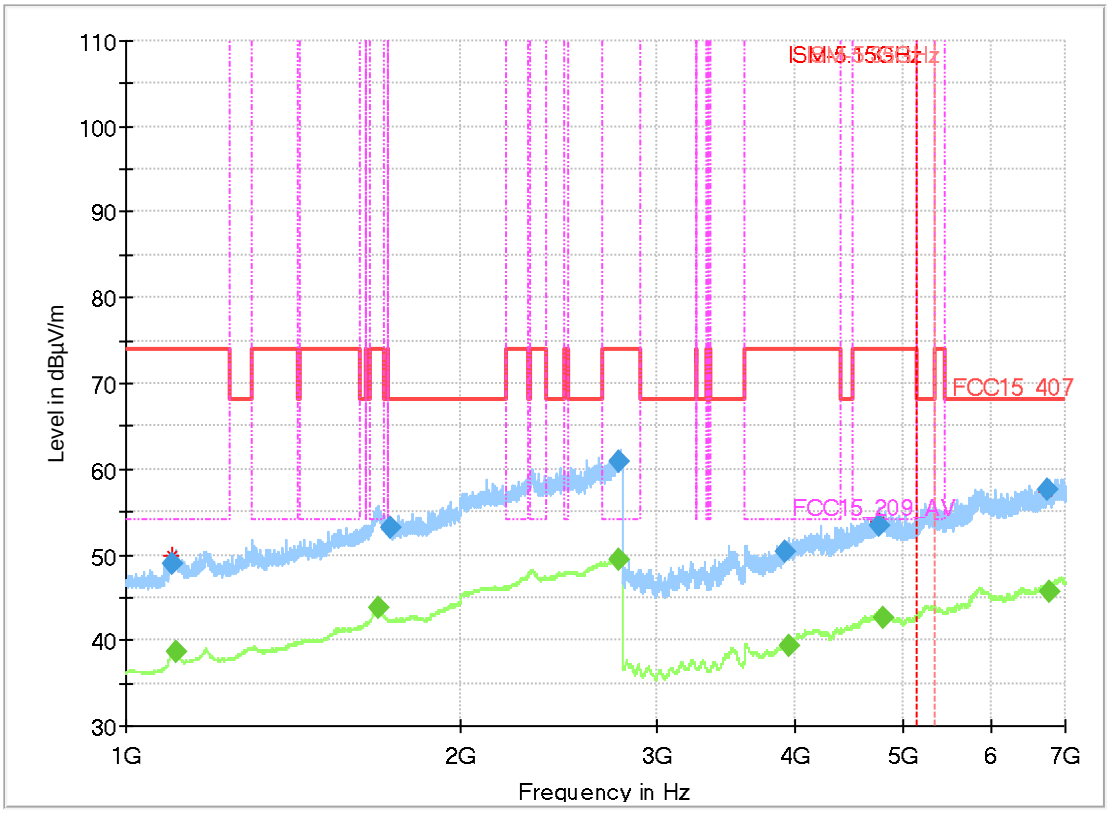
2.3. Radiated electric field measurement 1 GHz to 7 GHz

4.00_Reference_Measurement_1GHz-7GHz

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operating Mode:	Leer Messung / Reference Measurement
Operator:	MKh
Verdict:	Passed

Full Spectrum



Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
1100.000000	48.97	74.00	25.03	100.0	1000.000	V	-25.0	90.0	35
1108.500000	---	54.00	15.31	100.0	1000.000	H	68.0	0.0	35
1685.350000	---	54.00	10.28	100.0	1000.000	H	67.0	0.0	40
1727.100000	53.06	68.20	15.14	100.0	1000.000	H	20.0	0.0	38
2779.350000	---	54.00	4.55	100.0	1000.000	V	154.0	90.0	45
2780.050000	60.80	74.00	13.20	100.0	1000.000	V	239.0	90.0	45
3919.950000	50.36	74.00	23.64	100.0	1000.000	H	258.0	0.0	9
3944.250000	---	54.00	14.56	100.0	1000.000	V	166.0	90.0	9
4755.100000	53.47	74.00	20.53	100.0	1000.000	V	25.0	90.0	12
4793.800000	---	54.00	11.45	100.0	1000.000	H	117.0	0.0	12
6744.850000	57.51	68.20	10.69	100.0	1000.000	V	45.0	0.0	17
6759.750000	---	150.00	104.30	100.0	1000.000	H	315.0	0.0	16

4.01a_a-mode_9MBps_ch036

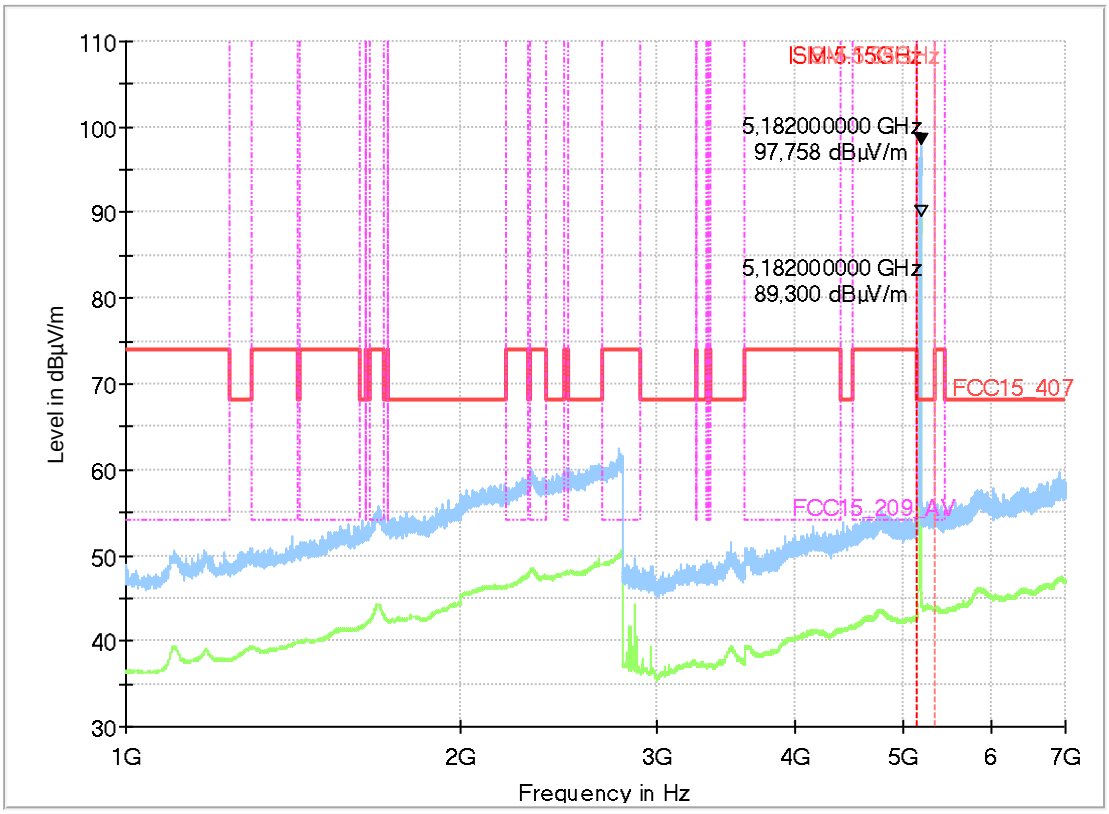
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operating Mode:	a-mode | 9MBps | ch036
Operator:	RAbdurrahi/TFra
EUT Setup:	1
Verdict:	Passed

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIV10
Type:	AIVIV10
HW:	HW Change
SW:	tbd
Serial Nr.:	0005057
Power Supply:	13,5V

Full Spectrum



4.02a_a-mode_9MBps_ch064

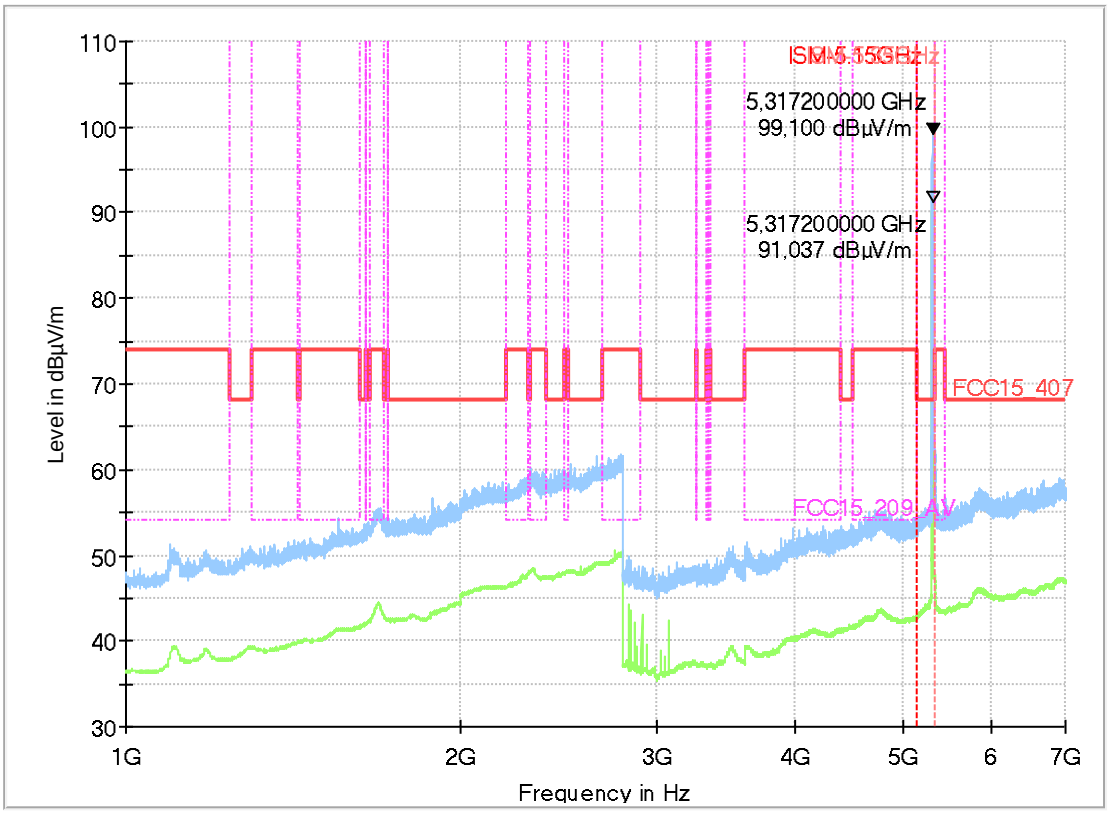
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operating Mode:	a-mode | 9MBps | ch064
Operator:	RAbdurrahi/TFra
EUT Setup:	1
Verdict:	Passed

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIV10
Type:	AIVIV10
HW:	HW Change
SW:	tbd
Serial Nr.:	0005057
Power Supply:	13,5V

Full Spectrum



4.03a_a-mode_9MBps_ch100

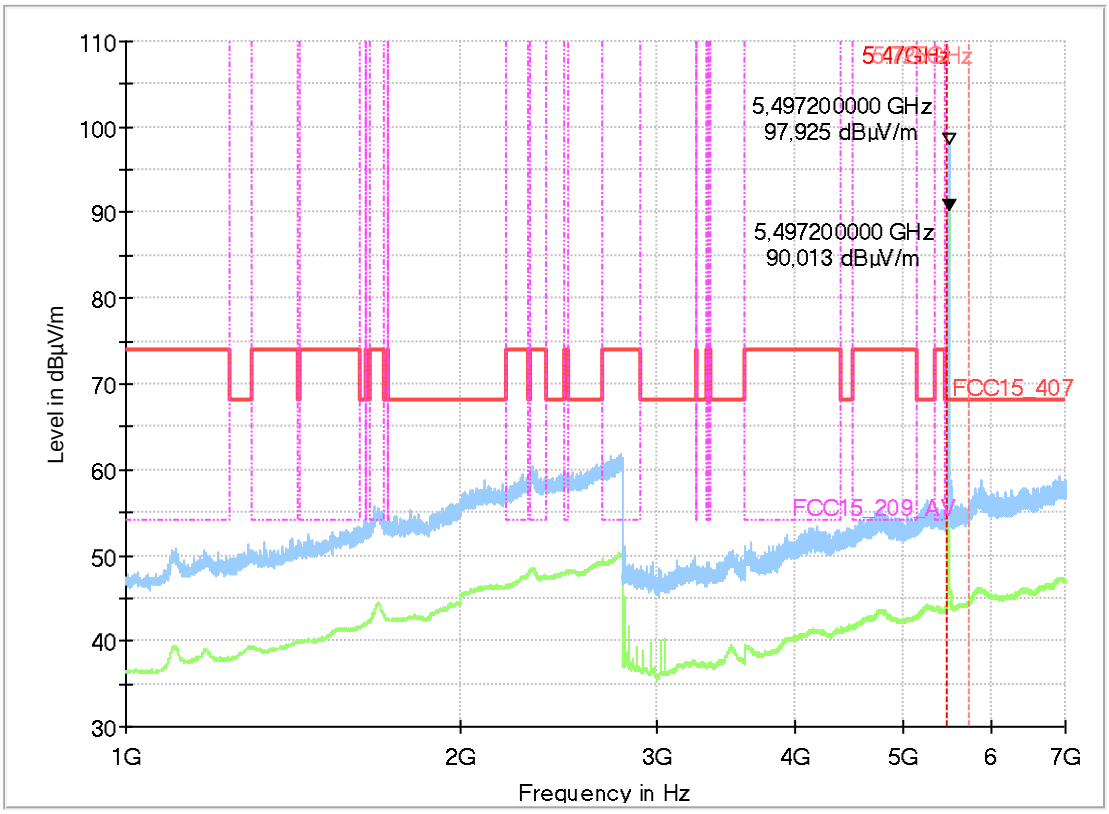
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operating Mode:	a-mode | 9MBps | ch0100
Operator:	TFra
EUT Setup:	1
Verdict:	Passed

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIV10
Type:	AIVIV10
HW:	HW Change
SW:	tbd
Serial Nr.:	0005057
Power Supply:	13,5V

Full Spectrum



4.04a_a-mode_9MBps_ch149

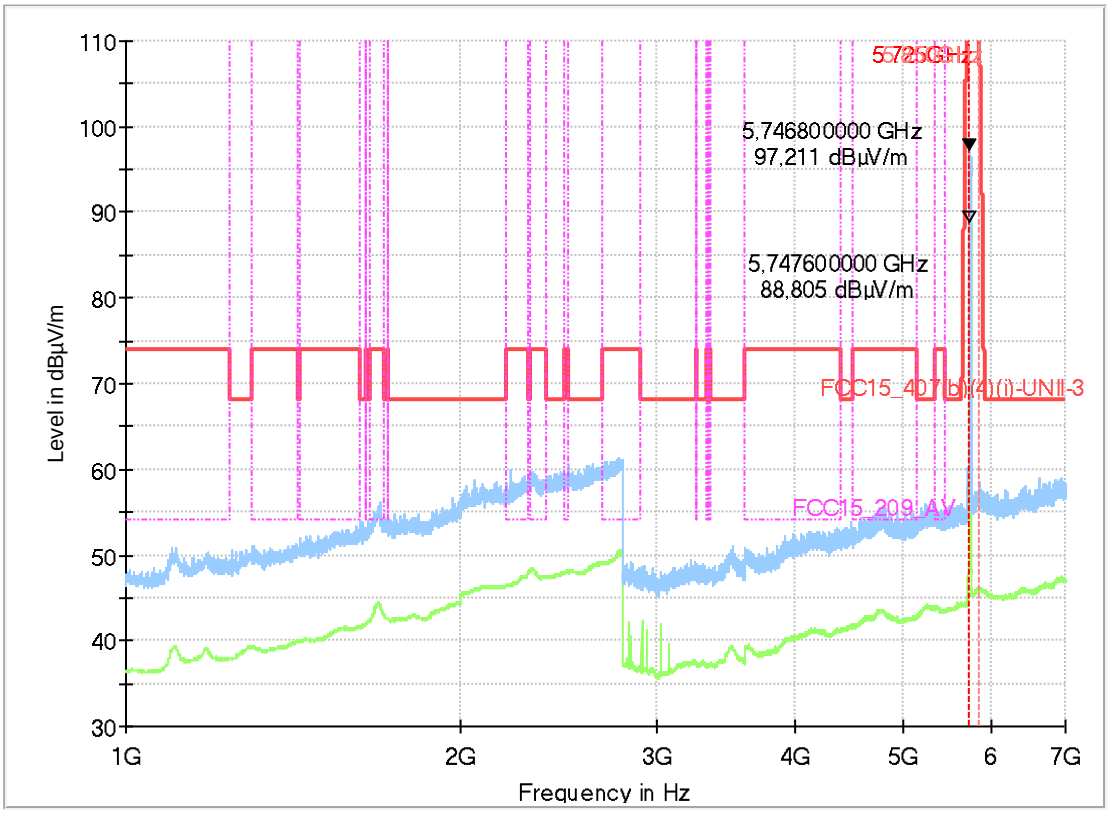
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operating Mode:	a-mode | 9MBps | ch0149
Operator:	TFra
Comment:	Channel no. low/middle/highEnvironmental Conditions::
EUT Setup:	1
Verdict:	Passed

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIV10
Type:	AIVIV10
HW:	HW Change
SW:	tbd
Serial Nr.:	0005057
Power Supply:	13,5V

Full Spectrum



4.05a_n-mode_MCS3_ch040

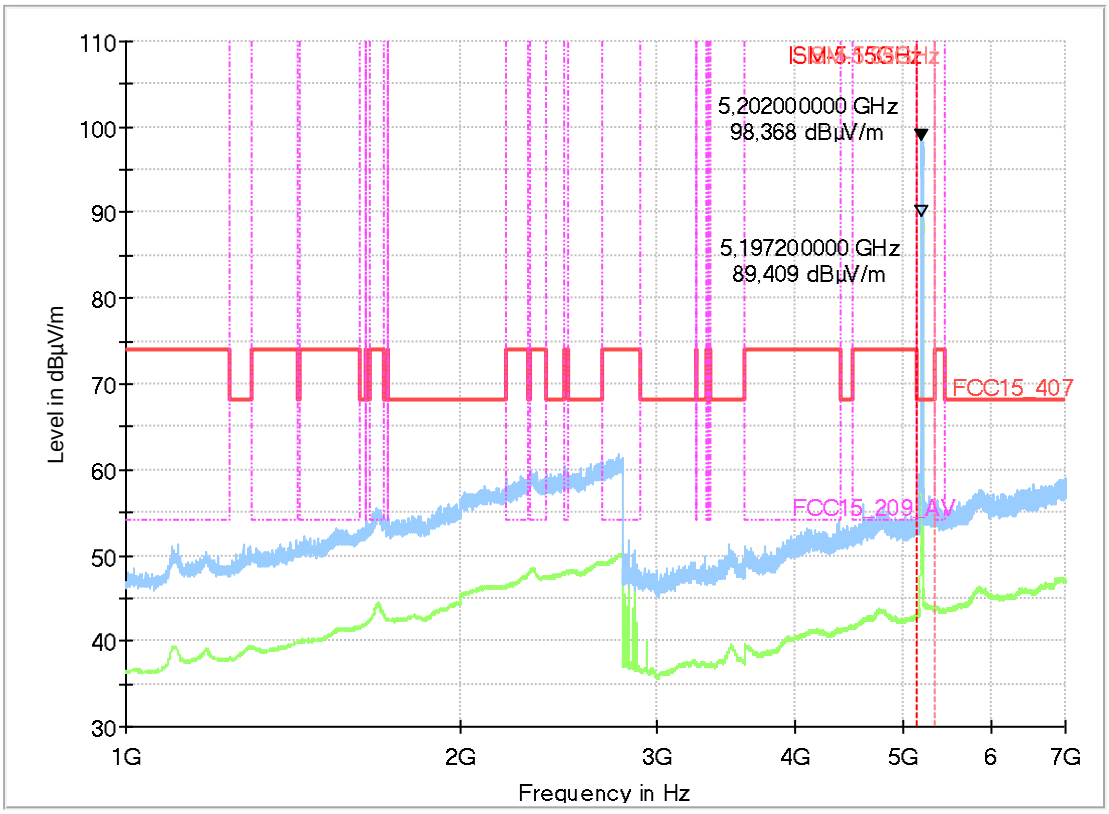
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operating Mode:	n-mode | HT20 || MCS3 | ch040
Operator:	TFra
EUT Setup:	1
Verdict:	Passed

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIV10
Type:	AIVIV10
HW:	HW Change
SW:	tbd
Serial Nr.:	0005057
Power Supply:	13,5V

Full Spectrum



4.06a_n-mode_MCS3_ch52

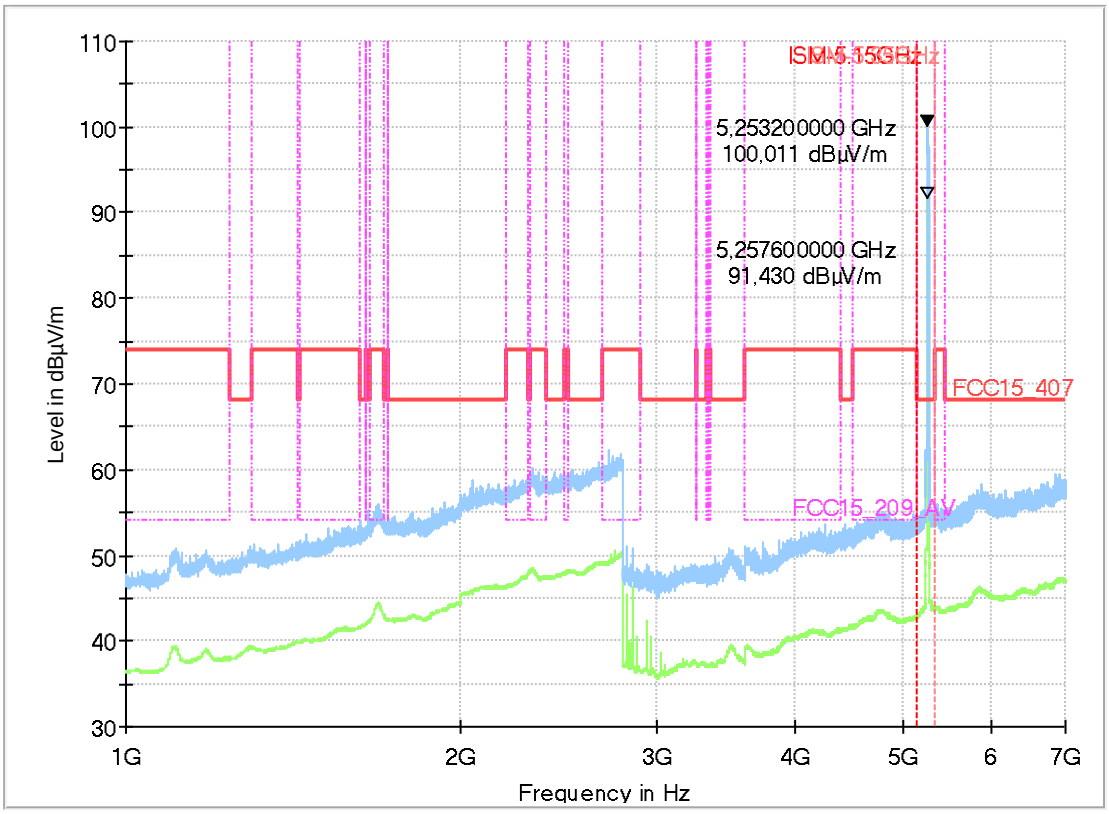
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operating Mode:	n-mode | HT20 || MCS3| ch052
Operator:	TFra
EUT Setup:	1
Verdict:	Passed

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIV10
Type:	AIVIV10
HW:	HW Change
SW:	tbd
Serial Nr.:	0005057
Power Supply:	13,5V

Full Spectrum



4.07a_n-mode_ MCS3_ch116

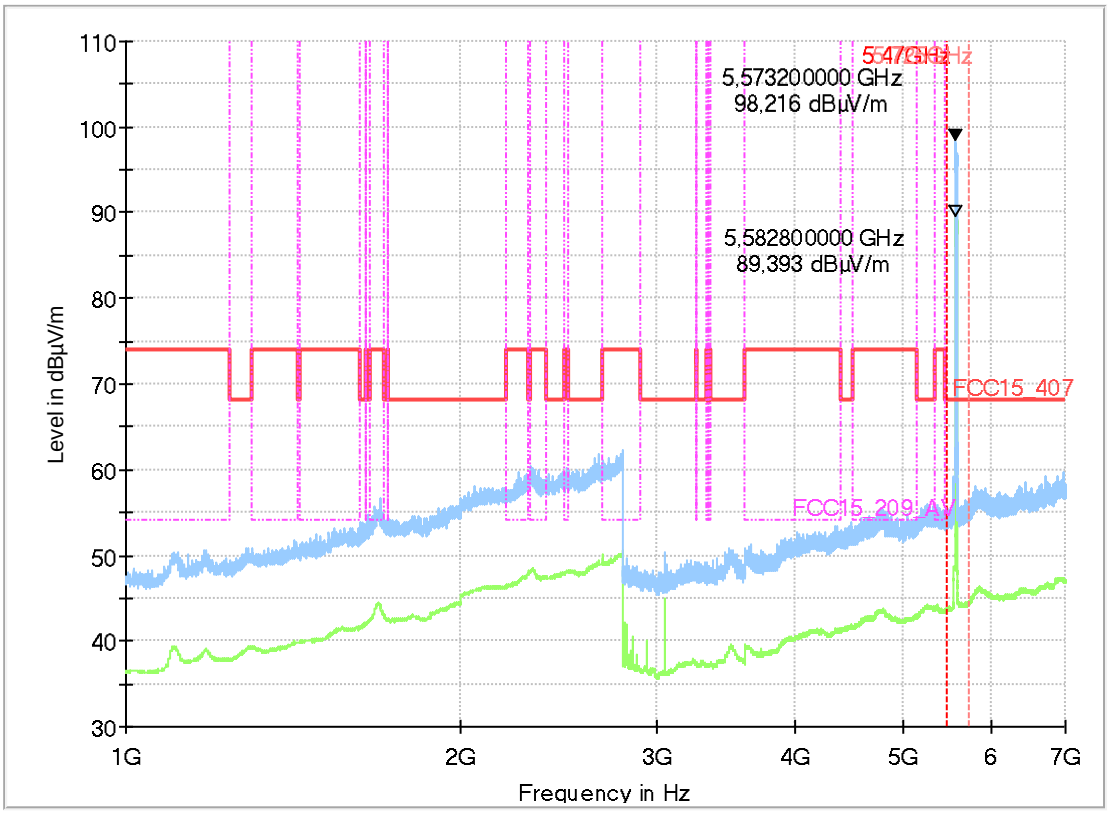
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operating Mode:	n-mode | HT20 || MCS3 | ch116
Operator:	TFra
EUT Setup:	1
Verdict:	Passed

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIV10
Type:	AIVIV10
HW:	HW Change
SW:	tbd
Serial Nr.:	0005057
Power Supply:	13,5V

Full Spectrum



4.08a_n-mode_ MCS3_ch157

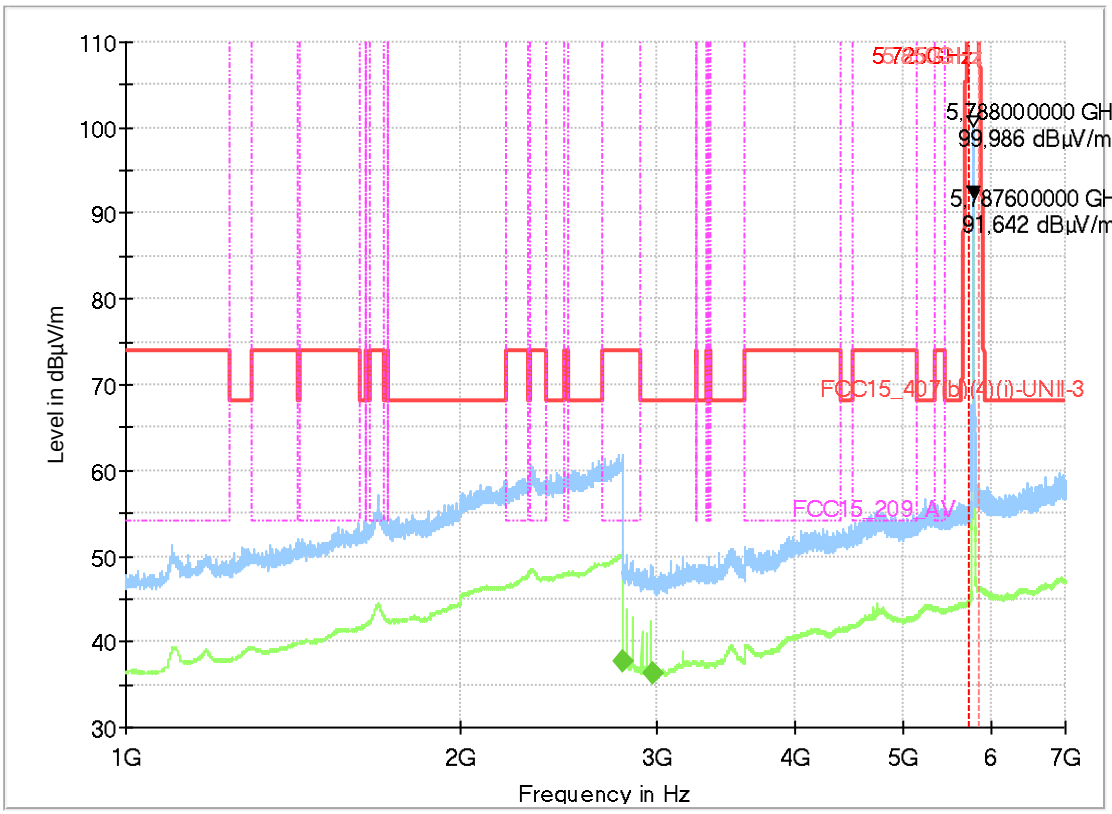
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operating Mode:	n-mode | HT20 || MCS3 | ch157
Operator:	HEI
EUT Setup:	1
Verdict:	Passed

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIV10
Type:	AIVIV10
HW:	HW Change
SW:	tbd
Serial Nr.:	0005057
Power Supply:	13,5V

Full Spectrum



Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
2800.000000	---	54.00	16.39	100.0	1000.000	V	214.0	0.0	8
2980.100000	---	150.00	113.57	100.0	1000.000	H	217.0	90.0	7

4.09a_ac-mode_ MCS3_ch048

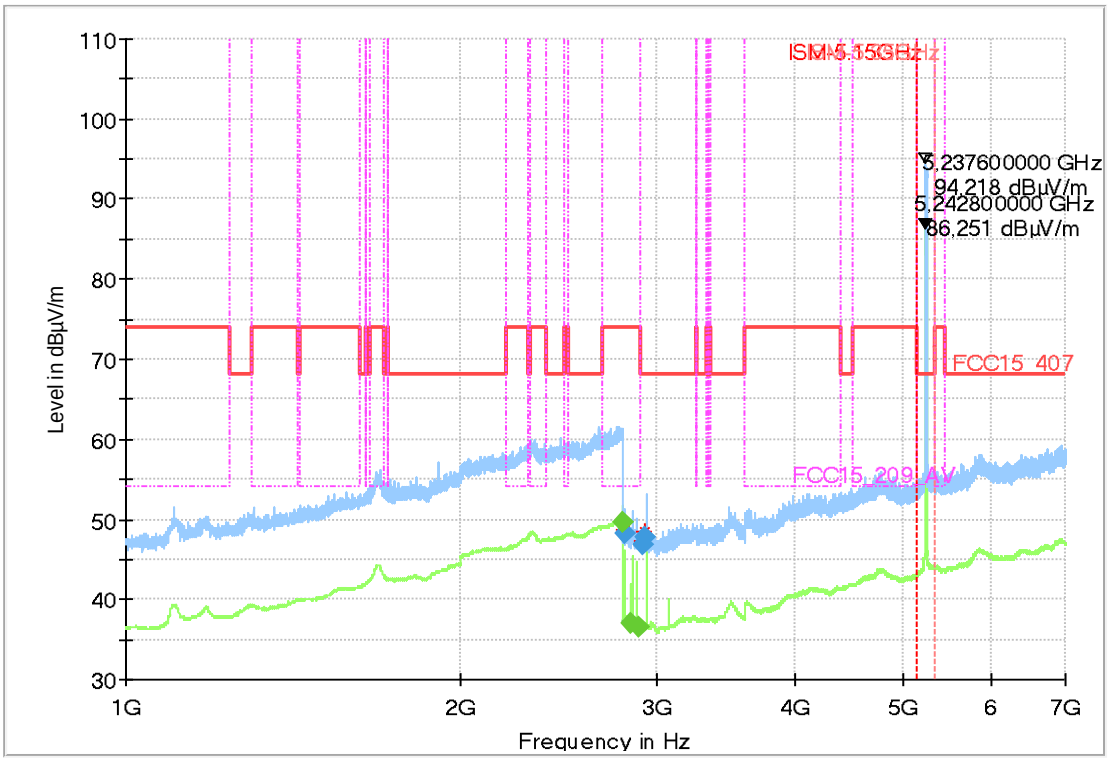
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operating Mode:	ac-mode | HT20 || MCS3 | ch048
Operator:	HEI
EUT Setup:	1
Verdict:	Passed

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIV10
Type:	AIVIV10
HW:	HW Change
SW:	tbd
Serial Nr.:	0005057
Power Supply:	13,5V

Full Spectrum



Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
2800.000000	---	54.00	4.40	100.0	1000.000	V	243.0	0.0	45
2810.500000	48.29	74.00	25.71	100.0	1000.000	V	243.0	0.0	8
2849.950000	---	54.00	16.87	100.0	1000.000	V	20.0	0.0	8
2890.150000	---	54.00	17.51	100.0	1000.000	V	146.0	90.0	7
2916.950000	46.79	68.20	21.41	100.0	1000.000	V	35.0	0.0	7
2927.900000	47.77	68.20	20.43	100.0	1000.000	V	142.0	90.0	7

4.10a_ac-mode_ MCS3_ch56

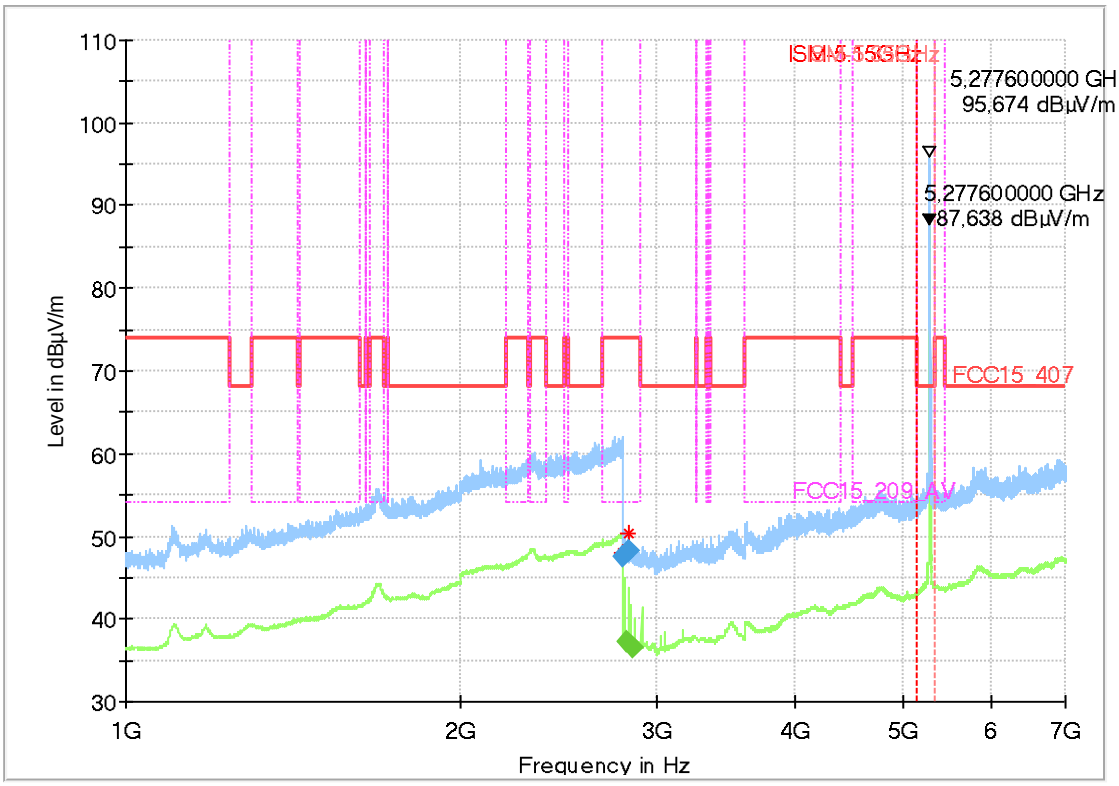
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operating Mode:	ac-mode | HT20 || MCS3| ch056
Operator:	HEI
EUT Setup:	1
Verdict:	Passed

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIV10
Type:	AIVIV10
HW:	HW Change
SW:	tbd
Serial Nr.:	0005057
Power Supply:	13,5V

Full Spectrum



Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
2802.750000	47.65	74.00	26.35	100.0	1000.000	H	315.0	0.0	8
2819.750000	---	54.00	16.78	100.0	1000.000	H	306.0	0.0	8
2829.250000	48.16	74.00	25.84	100.0	1000.000	H	279.0	0.0	7
2862.200000	---	54.00	17.50	100.0	1000.000	H	315.0	90.0	8

4.11a_ac-mode_MCS3_ch140

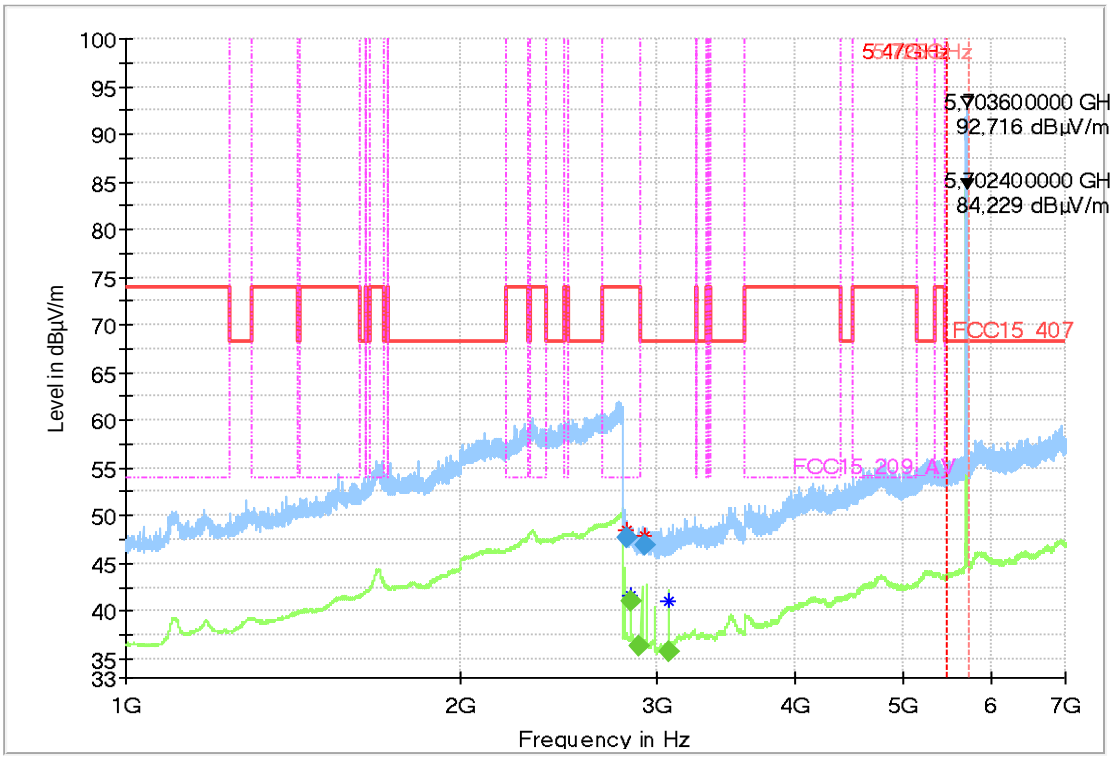
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operating Mode:	ac-mode_MCS3_ch140
Operator:	HEI
EUT Setup:	1
Verdict:	Passed

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIV10
Type:	AIVIV10
HW:	HW Change
SW:	tbd
Serial Nr.:	0005057
Power Supply:	13,5V

Full Spectrum



Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
2816.250000	47.69	74.00	26.31	100.0	1000.000	V	217.0	90.0	8
2849.750000	---	54.00	12.88	100.0	1000.000	V	197.0	90.0	8
2888.400000	---	54.00	17.67	100.0	1000.000	V	302.0	90.0	7
2933.900000	46.90	68.20	21.30	100.0	1000.000	V	276.0	90.0	7
3077.600000	---	150.00	114.23	100.0	1000.000	H	115.0	90.0	7

4.12a_ac-mode_ MCS3_ch165

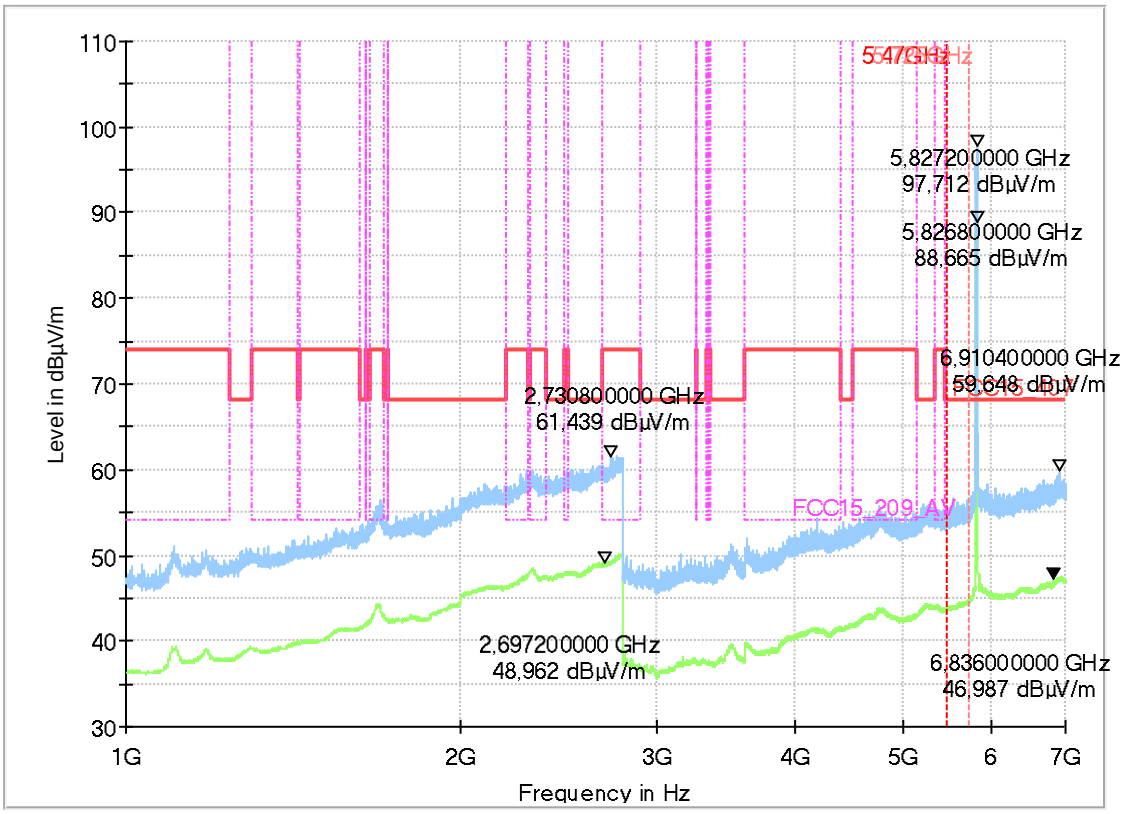
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operating Mode:	ac-mode | HT20 || MCS3 | ch165
Operator:	npe
EUT Setup:	1
Verdict:	Passed

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIV10
Type:	AIVIV10
HW:	HW Change
SW:	tbd
Serial Nr.:	0005057
Power Supply:	13,5V

Full Spectrum



4.13a_n-mode_ MCS3_ch038

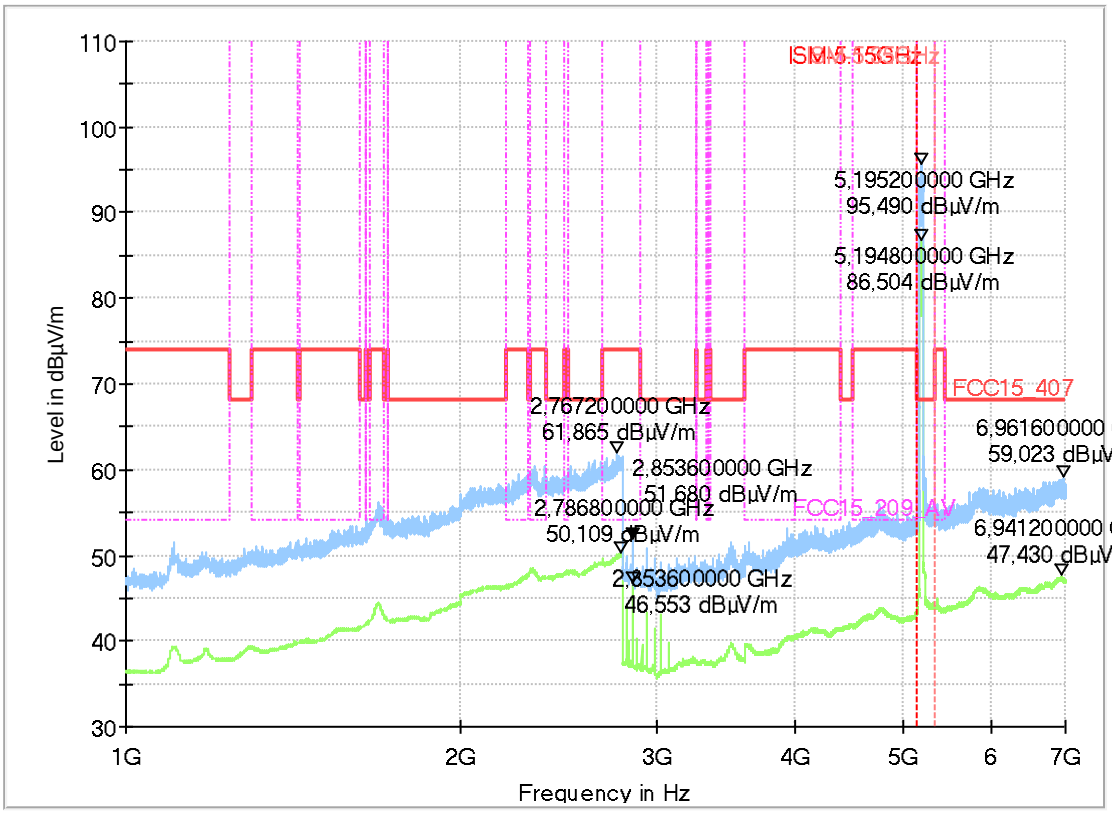
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operating Mode:	n-mode | HT40 || MCS3 | ch038
Operator:	npe
EUT Setup:	1
Verdict:	Passed

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIV10
Type:	AIVIV10
HW:	HW Change
SW:	tbd
Serial Nr.:	0005057
Power Supply:	13,5V

Full Spectrum



4.14a_n-mode_ MCS3_ch54

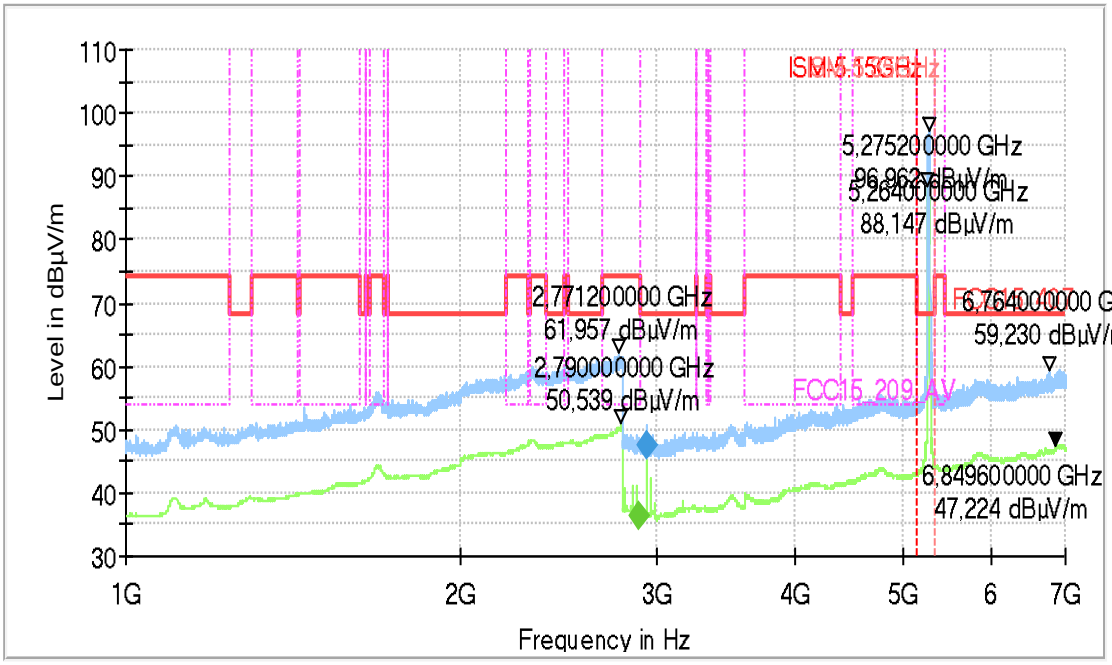
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operating Mode:	n-mode | HT40 || MCS3 | ch054
Operator:	npe
EUT Setup:	1
Verdict:	Passed

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIV10
Type:	AIVIV10
HW:	HW Change
SW:	tbd
Serial Nr.:	0005057
Power Supply:	13,5V

Full Spectrum



Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
2890.400000	---	54.00	17.56	100.0	1000.000	V	-31.0	0.0	7
2942.900000	47.53	68.20	20.67	100.0	1000.000	V	8.0	0.0	7

4.15a_n-mode_ MCS3_ch102

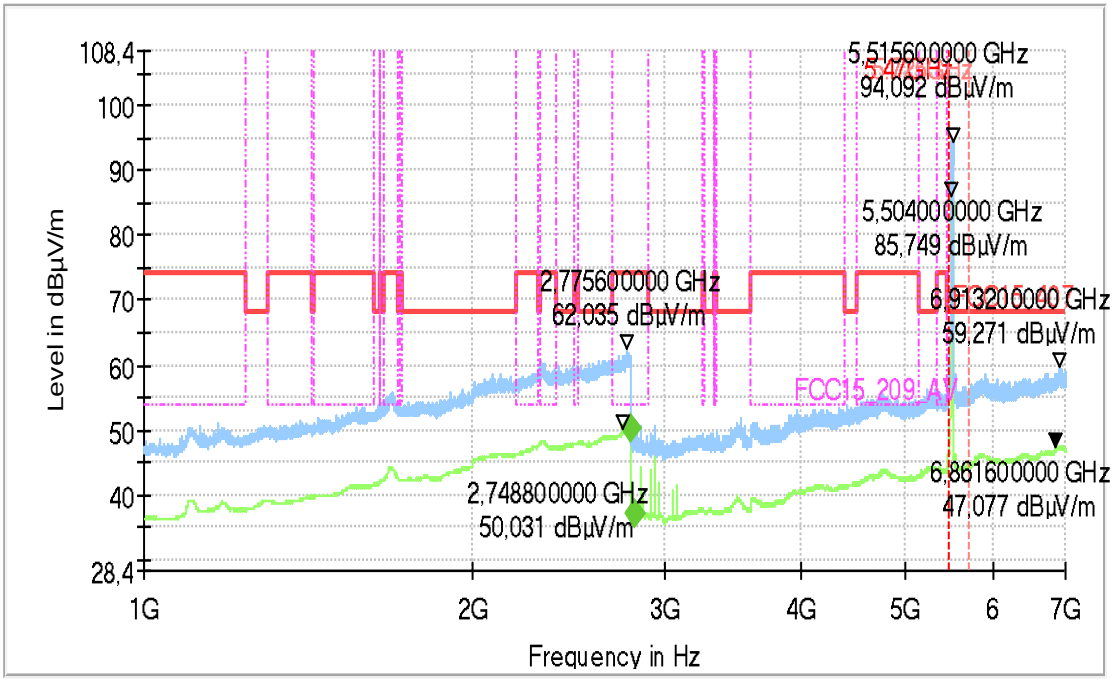
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operating Mode:	n-mode | HT40 || MCS3 | ch102
Operator:	npe
EUT Setup:	1
Verdict:	Passed

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIV10
Type:	AIVIV10
HW:	HW Change
SW:	tbd
Serial Nr.:	0005057
Power Supply:	13,5V

Full Spectrum



Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
2799.300000	---	54.00	3.86	100.0	1000.000	V	219.0	0.0	45
2820.100000	---	54.00	16.68	100.0	1000.000	V	342.0	0.0	8

4.16a_n-mode_ MCS3_ch151

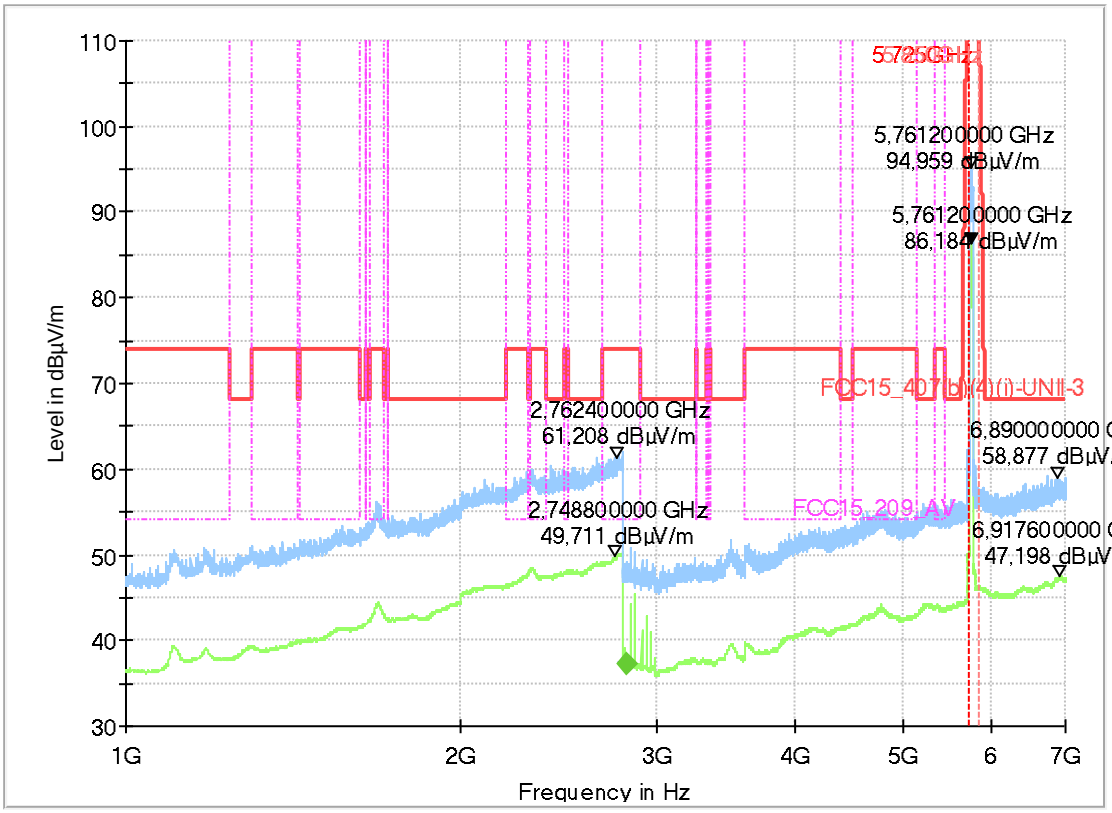
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operating Mode:	n-mode | HT40 || MCS3 | ch151
Operator:	npe
Comment:	Channel 151
EUT Setup:	1
Verdict:	Passed

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIV10
Type:	AIVIV10
HW:	HW Change
SW:	tbd
Serial Nr.:	0005057
Power Supply:	13,5V

Full Spectrum



Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
2820.400000	---	54.00	16.71	100.0	1000.000	H	53.0	90.0	8

4.17a_ac-mode_MCS9_ch046

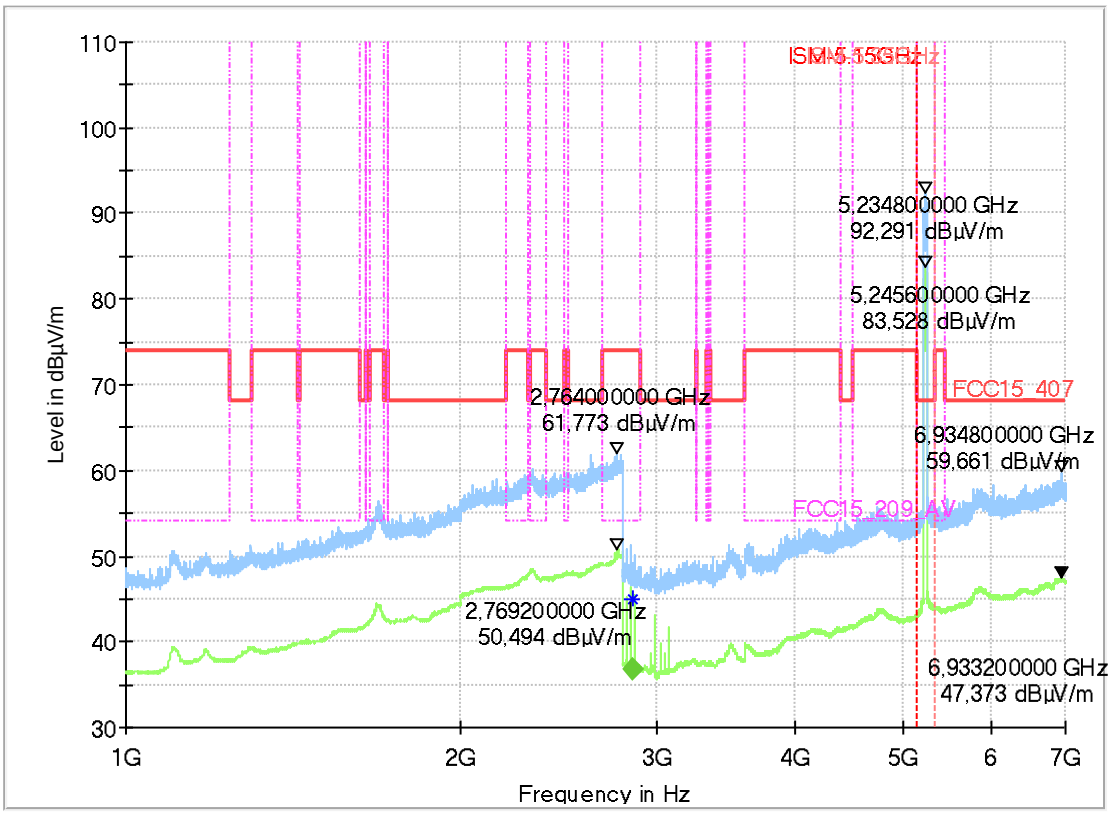
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operating Mode:	ac-mode | HT40 || MCS9 | ch046
Operator:	npe
EUT Setup:	1
Verdict:	Passed

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIV10
Type:	AIVIV10
HW:	HW Change
SW:	tbd
Serial Nr.:	0005057
Power Supply:	13,5V

Full Spectrum



Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
2853.500000	---	54.00	17.17	100.0	1000.000	H	39.0	90.0	8

4.18a_ac-mode_ MCS9_ch62

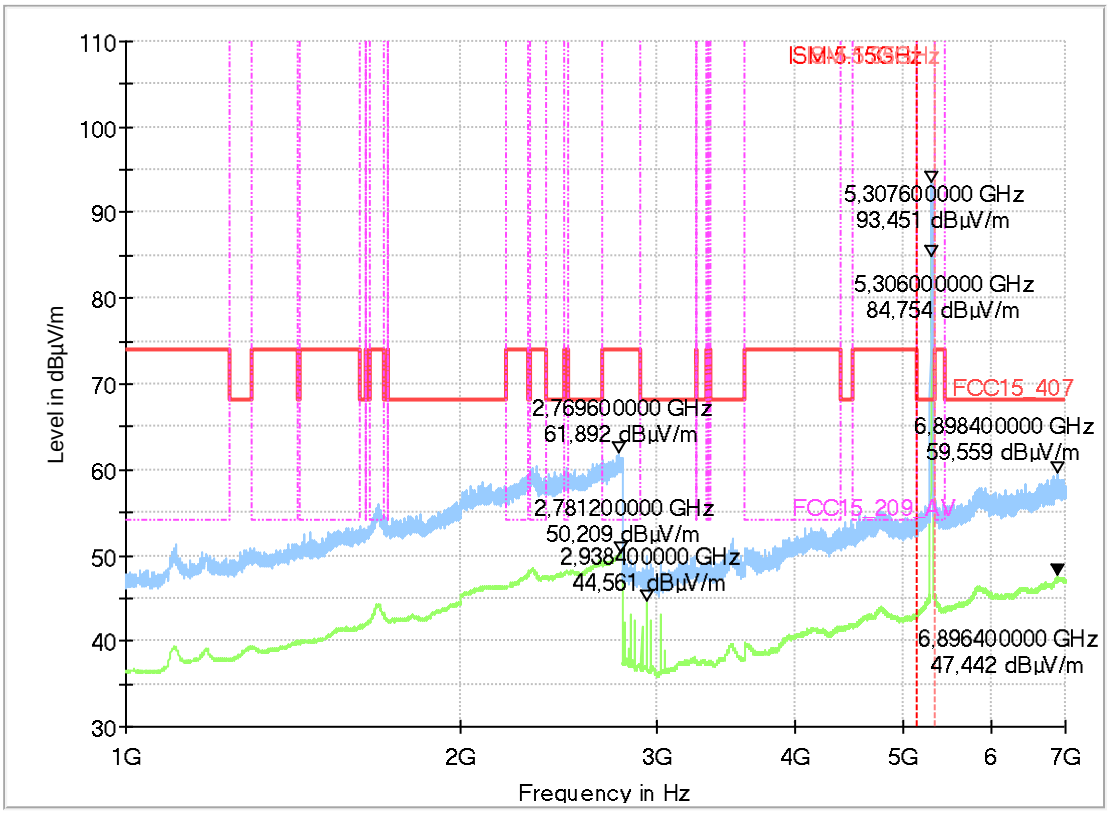
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operating Mode:	ac-mode | HT40 || MCS9| ch062
Operator:	npe
EUT Setup:	1
Verdict:	Passed

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIV10
Type:	AIVIV10
HW:	HW Change
SW:	tbd
Serial Nr.:	0005057
Power Supply:	13,5V

Full Spectrum



4.19a_ac-mode_ MCS9_ch134

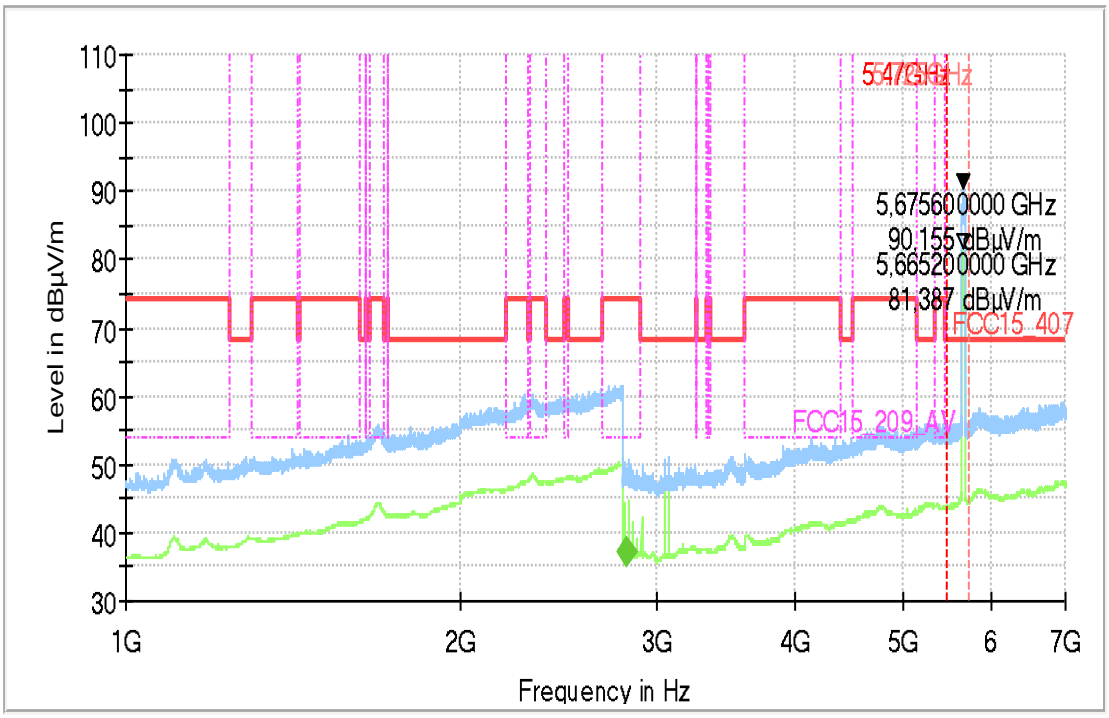
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operating Mode:	ac-mode | HT40 || MCS9 | ch134
Operator:	npe
EUT Setup:	1
Verdict:	Passed

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIV10
Type:	AIVIV10
HW:	HW Change
SW:	tbd
Serial Nr.:	0005057
Power Supply:	13,5V

Full Spectrum



Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
2820.000000	---	54.00	16.68	100.0	1000.000	V	309.0	0.0	8

4.20a_ac-mode_MCS9_ch159

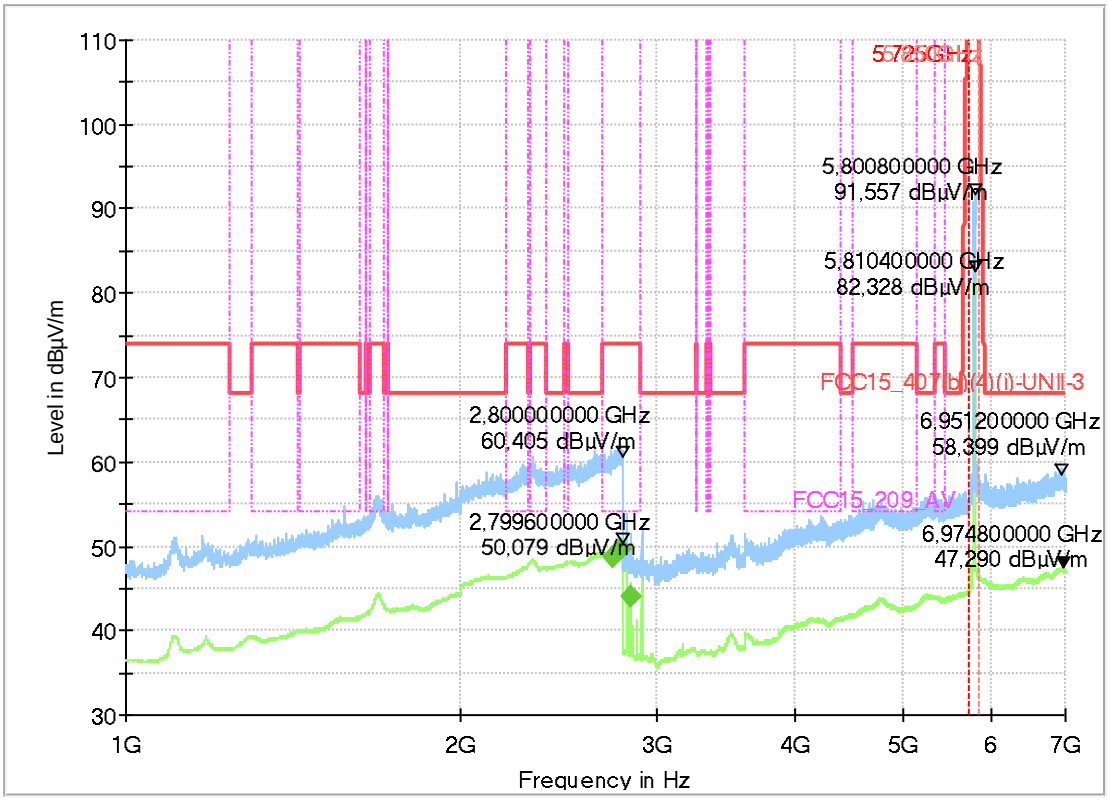
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operating Mode:	ac-mode | HT40 || MCS9 | ch159
Operator:	FKA
Comment:	--
EUT Setup:	1
Verdict:	Passed

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIV10
Type:	AIVIV10
HW:	HW Change
SW:	tbd
Serial Nr.:	0005057
Power Supply:	13,5V

Full Spectrum



Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
2735.750000	---	54.00	5.21	100.0	1000.000	H	295.0	0.0	44
2784.350000	---	54.00	4.44	100.0	1000.000	V	56.0	90.0	45
2848.750000	---	54.00	9.95	100.0	1000.000	V	175.0	90.0	8

4.21a_ac-mode_MCS7_ch042

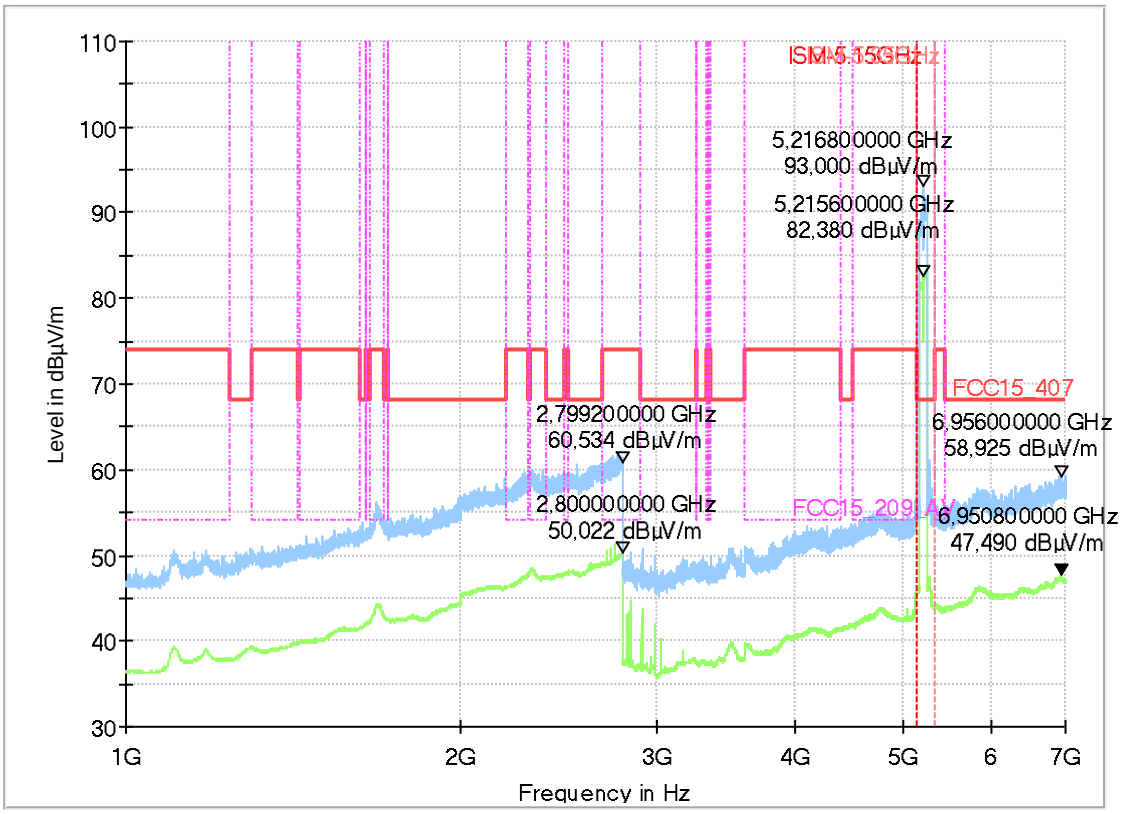
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operating Mode:	ac-mode | HT80 || MCS7 | ch042
Operator:	FKA
EUT Setup:	1
Verdict:	Passed

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIV10
Type:	AIVIV10
HW:	HW Change
SW:	tbd
Serial Nr.:	0005057
Power Supply:	13,5V

Full Spectrum



4.22a_ac-mode_MCS7_ch58

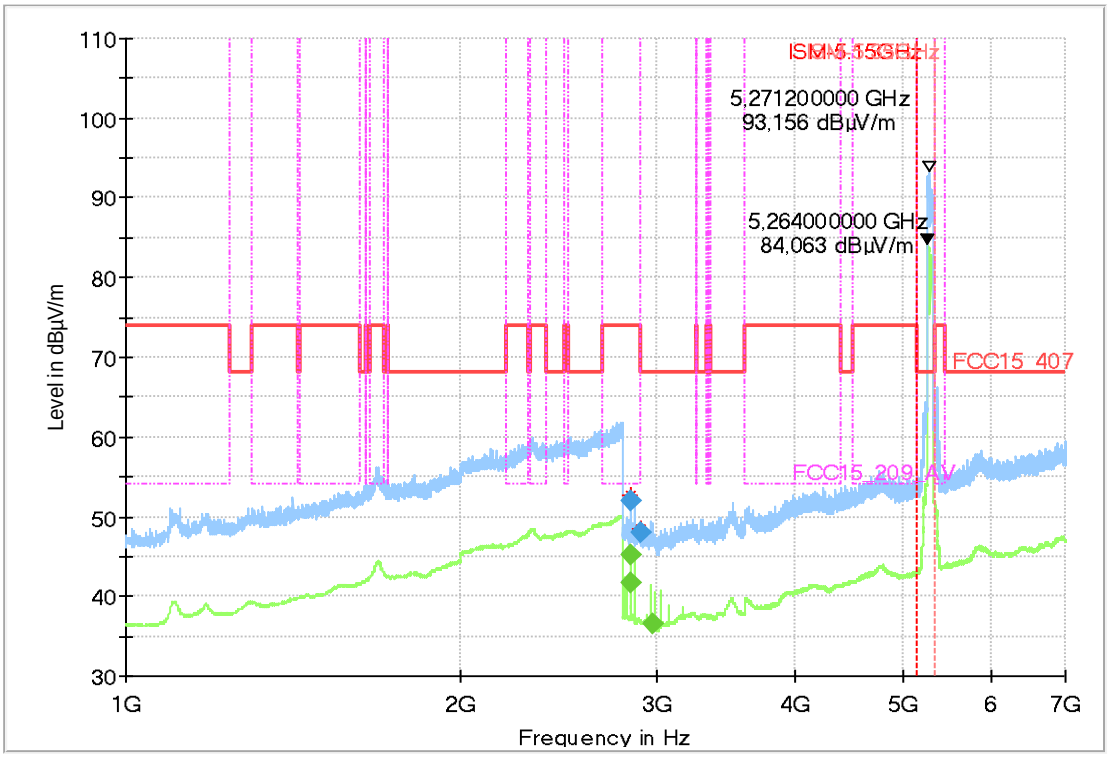
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operating Mode:	ac-mode | HT80 || MCS7| ch058
Operator:	FKA
EUT Setup:	1
Verdict:	Passed

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIV10
Type:	AIVIV10
HW:	HW Change
SW:	tbd
Serial Nr.:	0005057
Power Supply:	13,5V

Full Spectrum



Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
2848.750000	---	54.00	8.89	100.0	1000.000	V	225.0	0.0	8
2848.900000	---	54.00	12.19	100.0	1000.000	V	355.0	0.0	8
2849.000000	52.04	74.00	21.96	100.0	1000.000	V	220.0	0.0	8
2910.650000	48.12	68.20	20.08	100.0	1000.000	V	21.0	0.0	7
2979.600000	---	150.00	113.44	100.0	1000.000	H	260.0	90.0	7

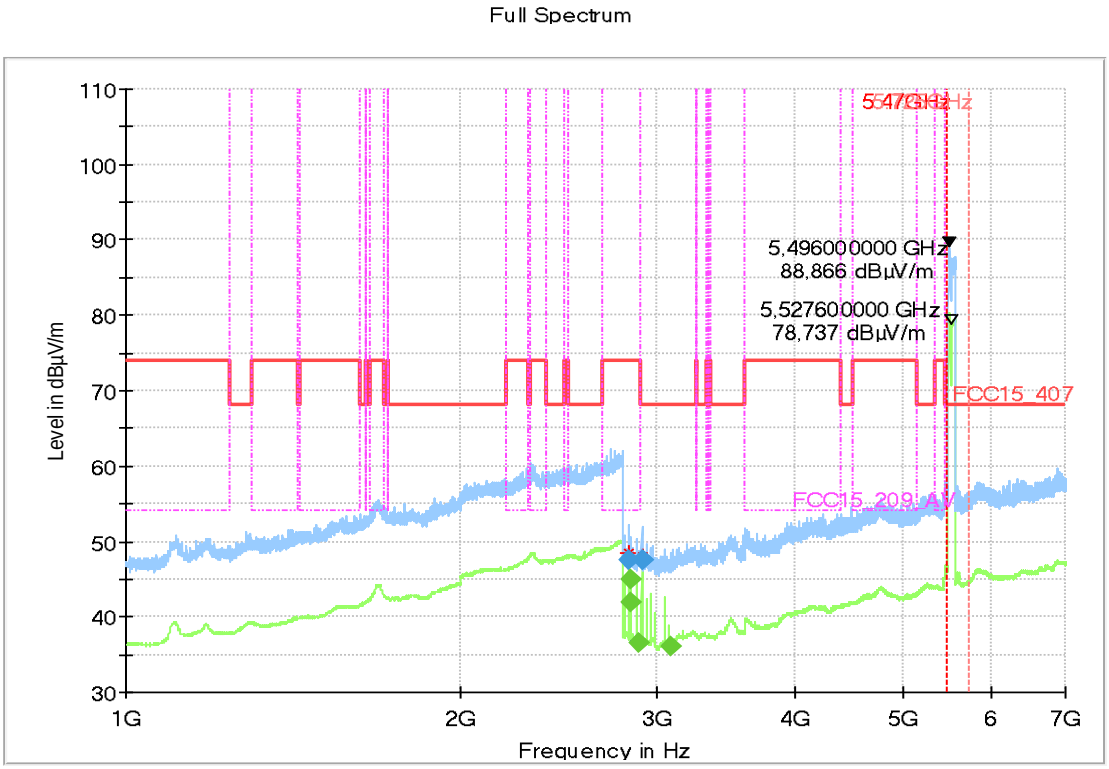
4.23a_ac-mode_MCS7_ch106

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operating Mode:	ac-mode | HT80 || MCS7 | ch106
Operator:	HEI
EUT Setup:	1
Verdict:	Passed

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIV10
Type:	AIVIV10
HW:	HW Change
SW:	tbd
Serial Nr.:	0005057
Power Supply:	13,5V



Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
2829.250000	47.54	74.00	26.46	100.0	1000.000	V	217.0	0.0	7.1
2848.700000	---	54.00	12.06	100.0	1000.000	V	349.0	0.0	7.9
2848.750000	---	54.00	9.07	100.0	1000.000	V	220.0	0.0	7.9
2889.700000	---	54.00	17.36	100.0	1000.000	V	327.0	0.0	7.2
2916.300000	47.51	68.20	20.69	100.0	1000.000	V	35.0	0.0	6.7
2920.300000	47.59	68.20	20.61	100.0	1000.000	V	312.0	0.0	6.6
3093.500000	---	150.00	113.90	100.0	1000.000	V	165.0	0.0	6.8

4.24a_ac-mode_MCS7_ch155

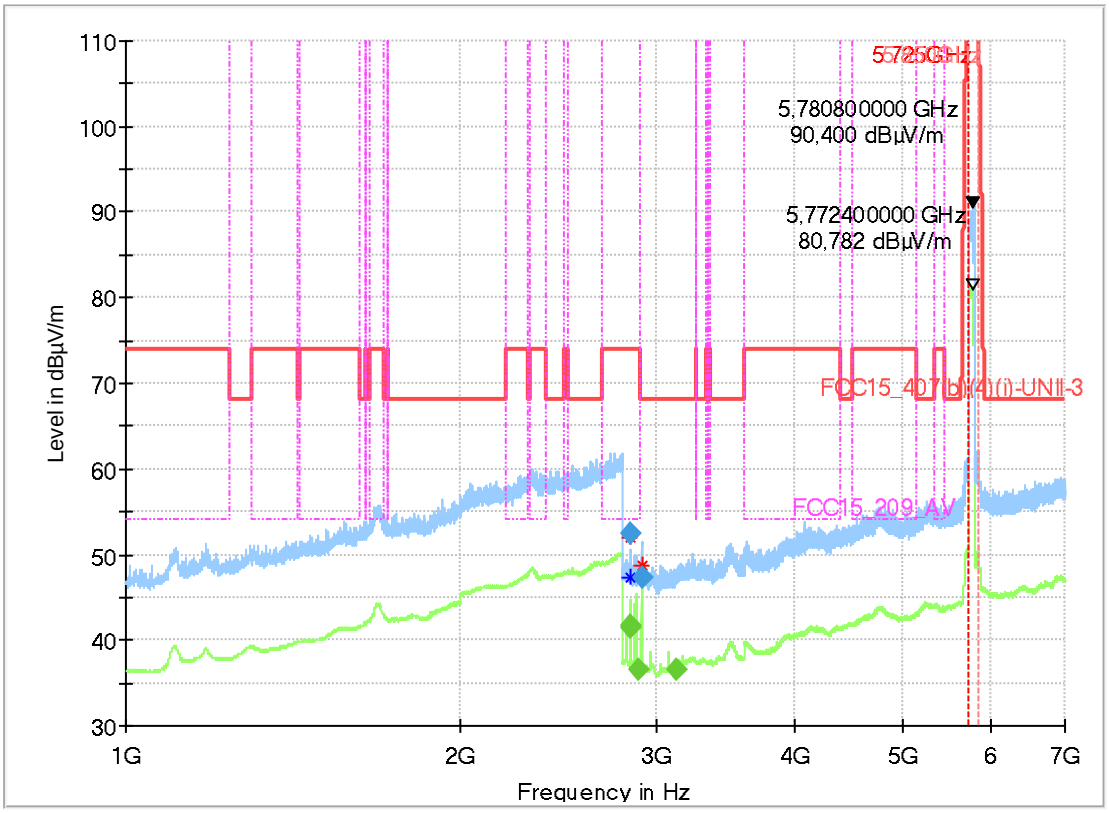
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operating Mode:	ac-mode | HT80 || MCS7 | ch155
Operator:	HEI
EUT Setup:	1
Environmental Conditions:	Humidity : 44%rH; Temperature: 23°C
Verdict:	Passed

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIV10
Type:	AIVIV10
HW:	HW Change
SW:	tbd
Serial Nr.:	0005057
Power Supply:	13,5V

Full Spectrum



Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
2848.700000	---	54.00	12.33	100.0	1000.000	V	351.0	0.0	7.9
2848.750000	52.54	74.00	21.46	100.0	1000.000	V	217.0	0.0	7.9
2849.750000	---	54.00	12.64	100.0	1000.000	V	234.0	0.0	8.0
2890.550000	---	54.00	17.34	100.0	1000.000	V	323.0	0.0	7.2
2918.800000	47.27	68.20	20.93	100.0	1000.000	V	328.0	0.0	6.6
3127.600000	---	150.00	113.44	100.0	1000.000	H	22.0	0.0	7.1

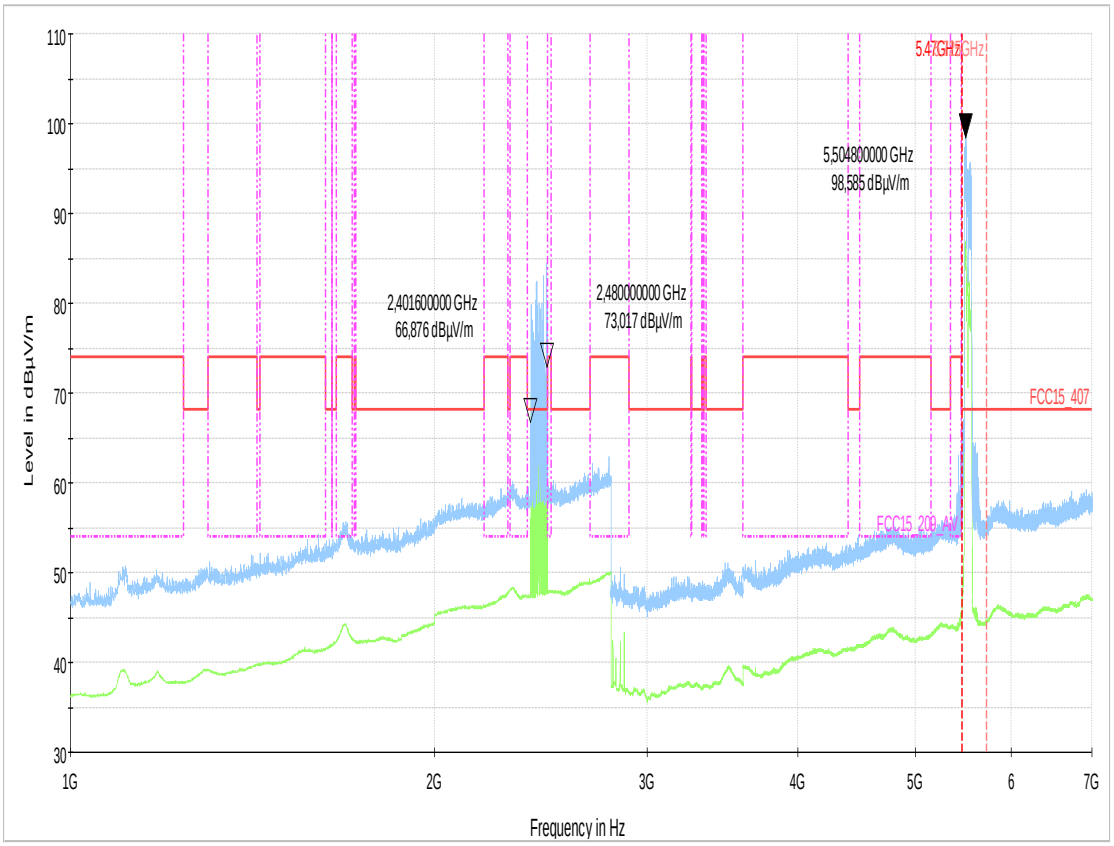
4.30a_W-LAN 5GHz+BT

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operating Mode:	SimultaneousTransmissions_ W-LAN 5GHz +BT
Operator:	HEI
Comment:	Mobilephone-ON_WLANRouter_Iperf
Verdict:	Passed

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIV10
Type:	AIVIV10
HW:	tbd
SW:	tbd
Serial Nr.:	0005057
Power Supply:	13,5V



Remark: Bluetooth signal was on during the measurement. The carrier can be seen from 2401.6 MHz till 2480 MHz.

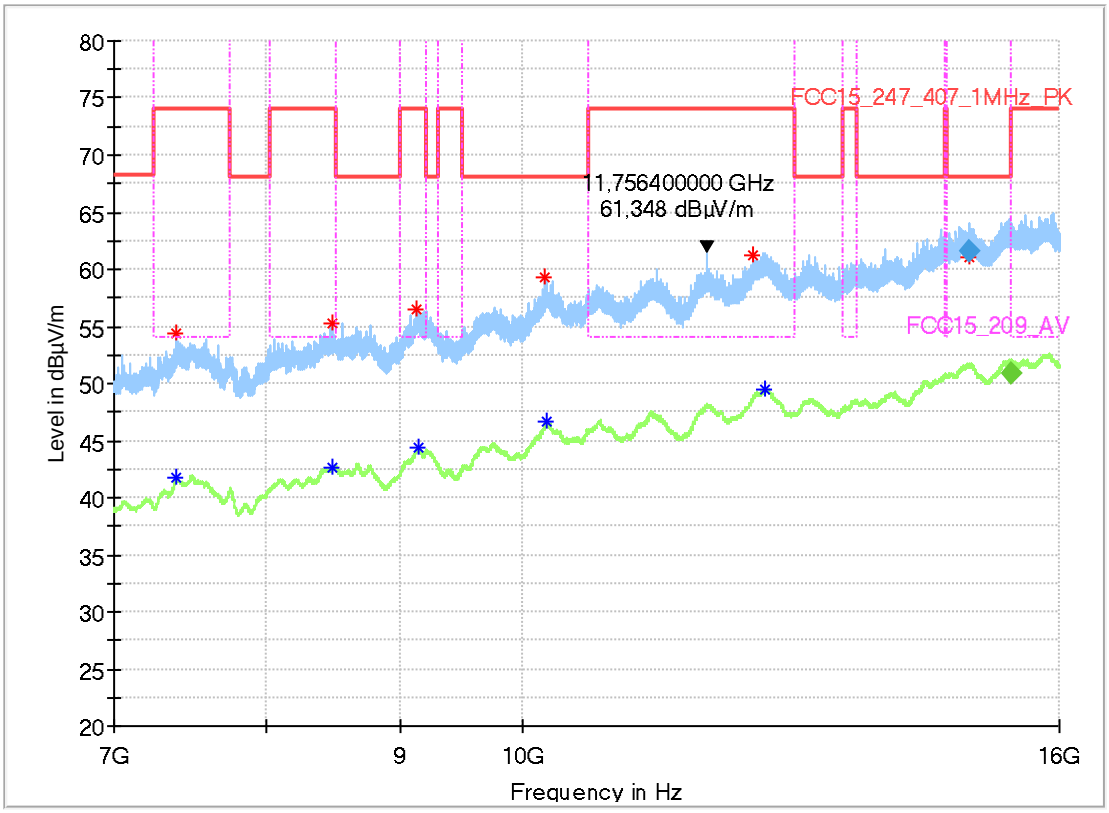
2.4. Radiated electric field measurement 7 GHz to 16 GHz

4.00b_Reference_Measurement_7GHz-16GHz

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operating Mode:	Leer Messung / Reference Measurement
Operator:	MKh
Verdict:	Passed

Full Spectrum



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	RMS (dBµV/m)	Limit (dBµV/m)	Margin	Height	Pol	Azimuth	Elevation	Corr. (dB/m)
7385.200000	54.40	---	74.00	19.60	155.0	H	255.0	90.0	19
7396.400000	---	41.73	54.00	12.27	155.0	V	30.0	0.0	19
8473.600000	---	42.69	54.00	11.31	155.0	V	315.0	0.0	21
8476.400000	55.25	---	74.00	18.75	155.0	V	15.0	90.0	21
9118.800000	56.58	---	74.00	17.42	155.0	H	120.0	90.0	23
9135.600000	---	44.30	54.00	9.70	155.0	V	15.0	90.0	23
10209.200000	59.38	---	68.00	8.62	155.0	H	330.0	0.0	25
10219.200000	---	46.74	150.00	103.26	155.0	H	240.0	0.0	25
12240.800000	61.20	---	74.00	12.80	155.0	V	105.0	0.0	28
12367.200000	---	49.43	54.00	4.57	155.0	V	345.0	90.0	28
14796.600000	61.03	---	68.00	3.97	155.0	V	117.0	90.0	31
15353.400000	---	50.96	54.00	2.03	155.0	H	41.0	90.0	31

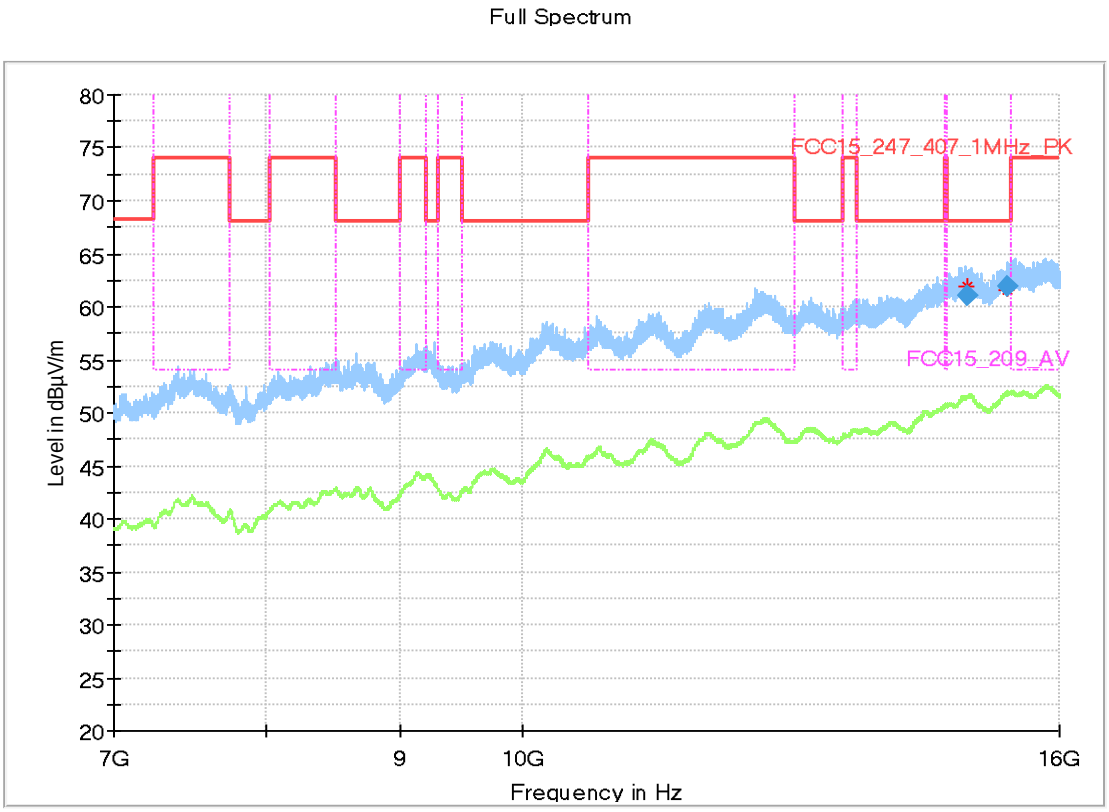
4.01b_a-mode_9MBps_ch036

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operating Mode:	a-mode | 9MBps | ch036
Operator:	FKA
EUT Setup:	1
Verdict:	Passed

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIV10
Type:	AIVIV10
HW:	HW Change
SW:	tbd
Serial Nr.:	0005057
Power Supply:	13,5V



Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
14764.200000	61.03	68.00	6.97	100.0	1000.000	H	25.0	90.0	31
15286.600000	61.99	68.00	6.01	100.0	1000.000	V	170.0	90.0	31

4.02b_a-mode_9MBps_ch064

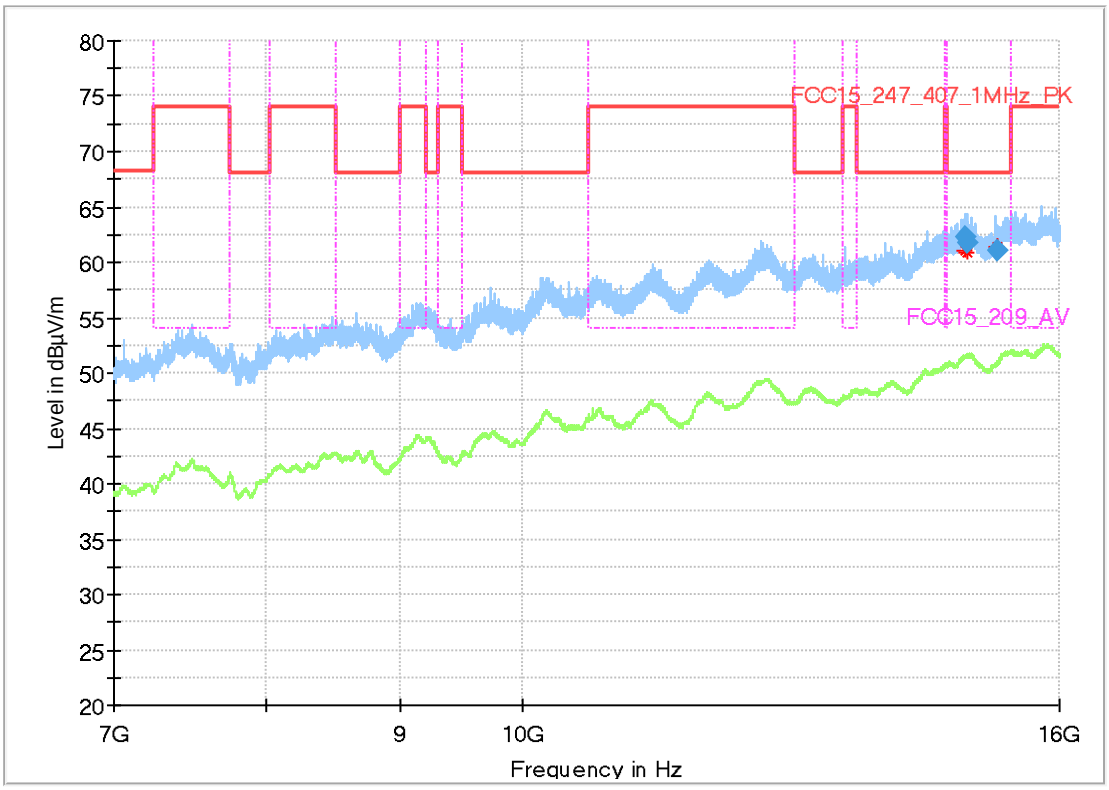
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operating Mode:	a-mode | 9MBps| ch064
Operator:	FKA
EUT Setup:	1
Verdict:	Passed

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIV10
Type:	AIVIV10
HW:	HW Change
SW:	tbd
Serial Nr.:	0005057
Power Supply:	13,5V

Full Spectrum



Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
14735.000000	62.30	68.00	5.70	100.0	1000.000	H	205.0	90.0	31
14767.000000	61.70	68.00	6.30	100.0	1000.000	V	338.0	0.0	31
15148.600000	61.09	68.00	6.91	100.0	1000.000	H	96.0	90.0	31

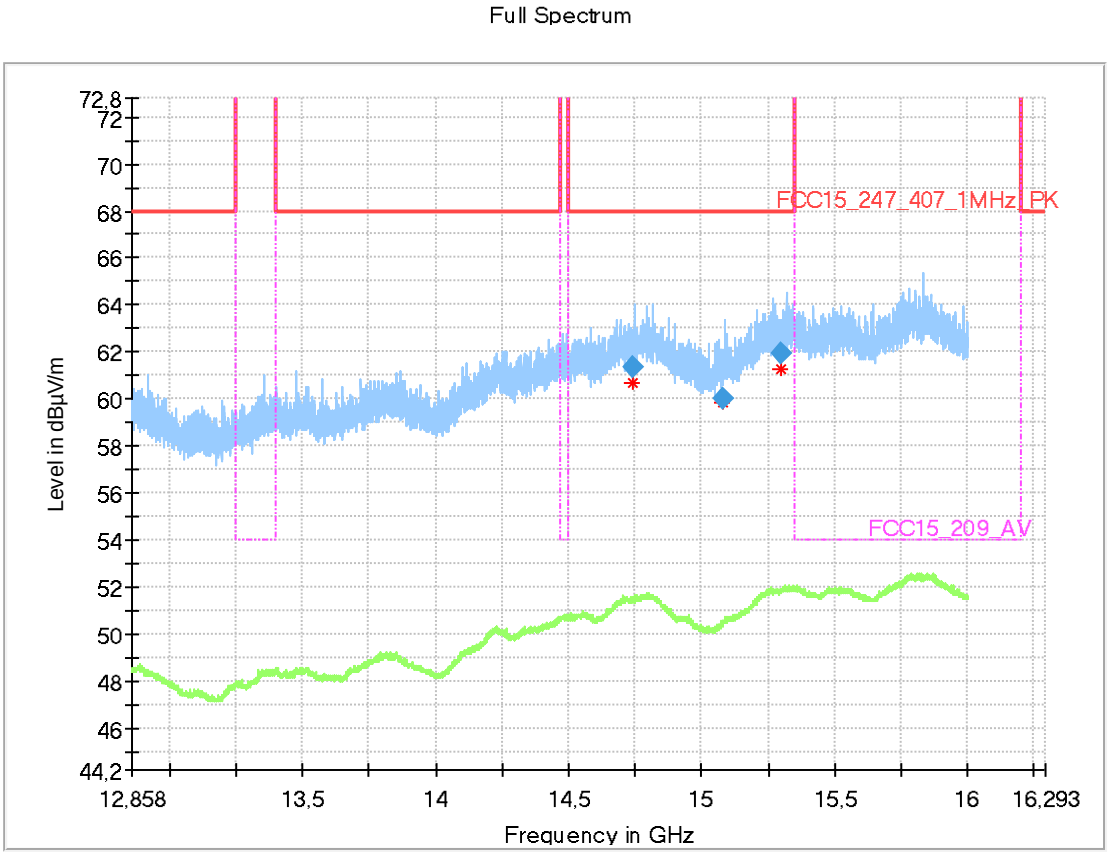
4.03b_a-mode_9MBps_ch100

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operating Mode:	a-mode | 9MBps | ch100
Operator:	FKA
EUT Setup:	1
Verdict:	Passed

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIV10
Type:	AIVIV10
HW:	HW Change
SW:	tbd
Serial Nr.:	0005057
Power Supply:	13,5V



Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
14743.800000	61.39	68.00	6.61	100.0	1000.000	H	56.0	90.0	31
15079.000000	60.06	68.00	7.94	100.0	1000.000	V	142.0	90.0	31
15301.000000	61.97	68.00	6.03	100.0	1000.000	H	235.0	0.0	31

4.04b_a-mode_9MBps_ch149

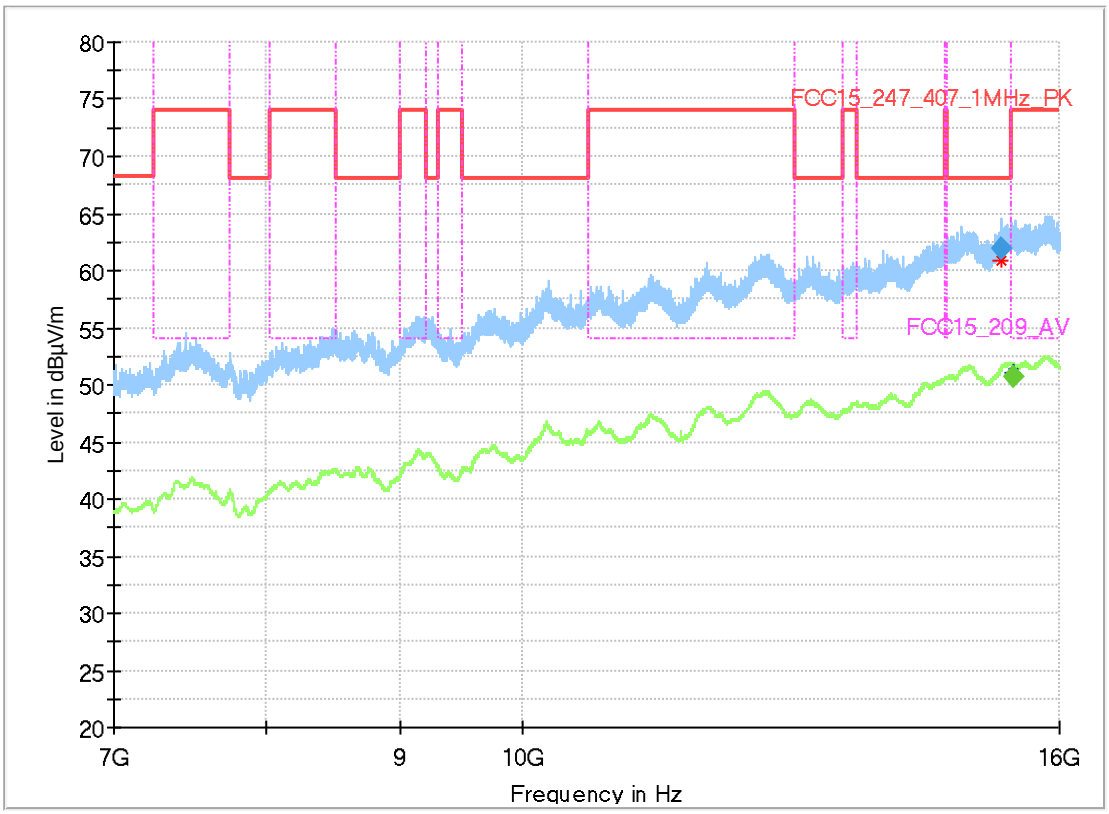
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operating Mode:	a-mode | 9MBps | ch149
Operator:	TFra
EUT Setup:	1
Verdict:	Passed

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIV10
Type:	AIVIV10
HW:	HW Change
SW:	tbd
Serial Nr.:	0005057
Power Supply:	13,5V

Full Spectrum



Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
15201.800000	61.99	68.00	6.01	100.0	1000.000	H	332.0	0.0	31
15358.200000	---	54.00	3.24	100.0	1000.000	V	232.0	90.0	31

4.05b_n-mode_MCS3_ch040

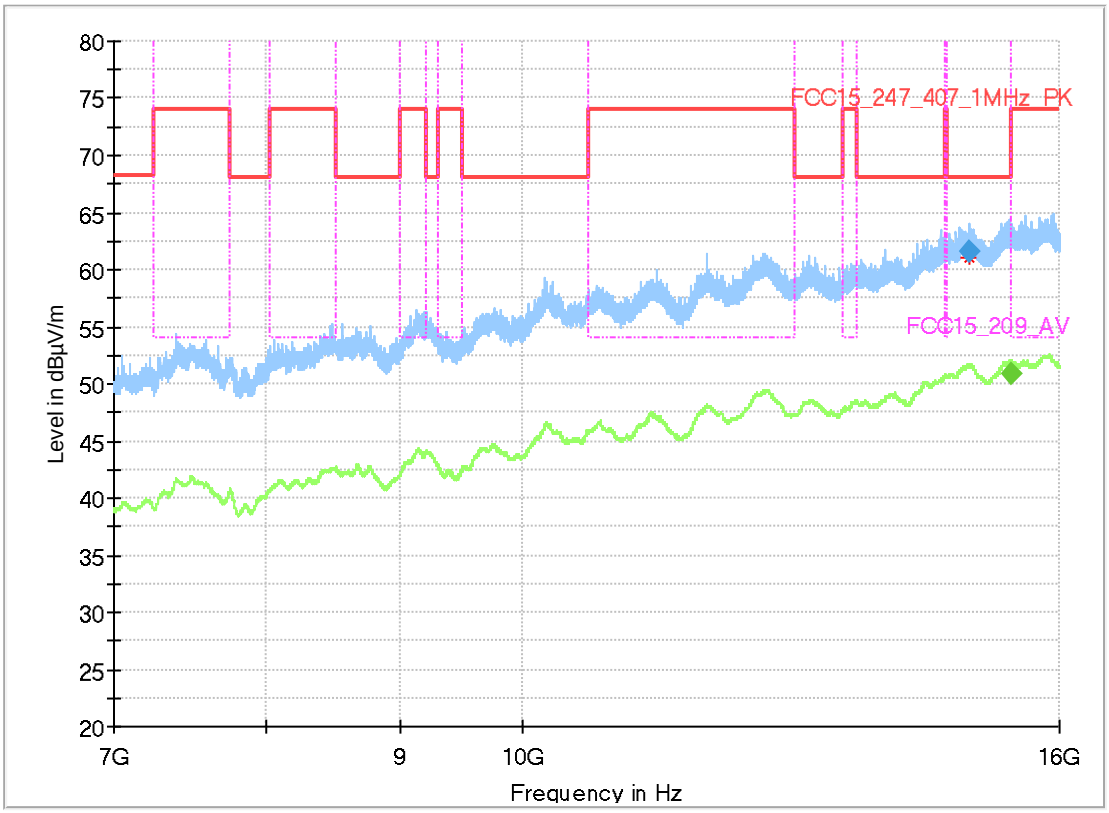
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operating Mode:	n-mode | HT20 || MCS3 | ch040
Operator:	TFra
EUT Setup:	1
Verdict:	Passed

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIV10
Type:	AIVIV10
HW:	HW Change
SW:	tbd
Serial Nr.:	0005057
Power Supply:	13,5V

Full Spectrum



Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
14796.600000	61.53	68.00	6.47	100.0	1000.000	V	117.0	90.0	31
15353.400000	---	54.00	3.21	100.0	1000.000	H	41.0	90.0	31

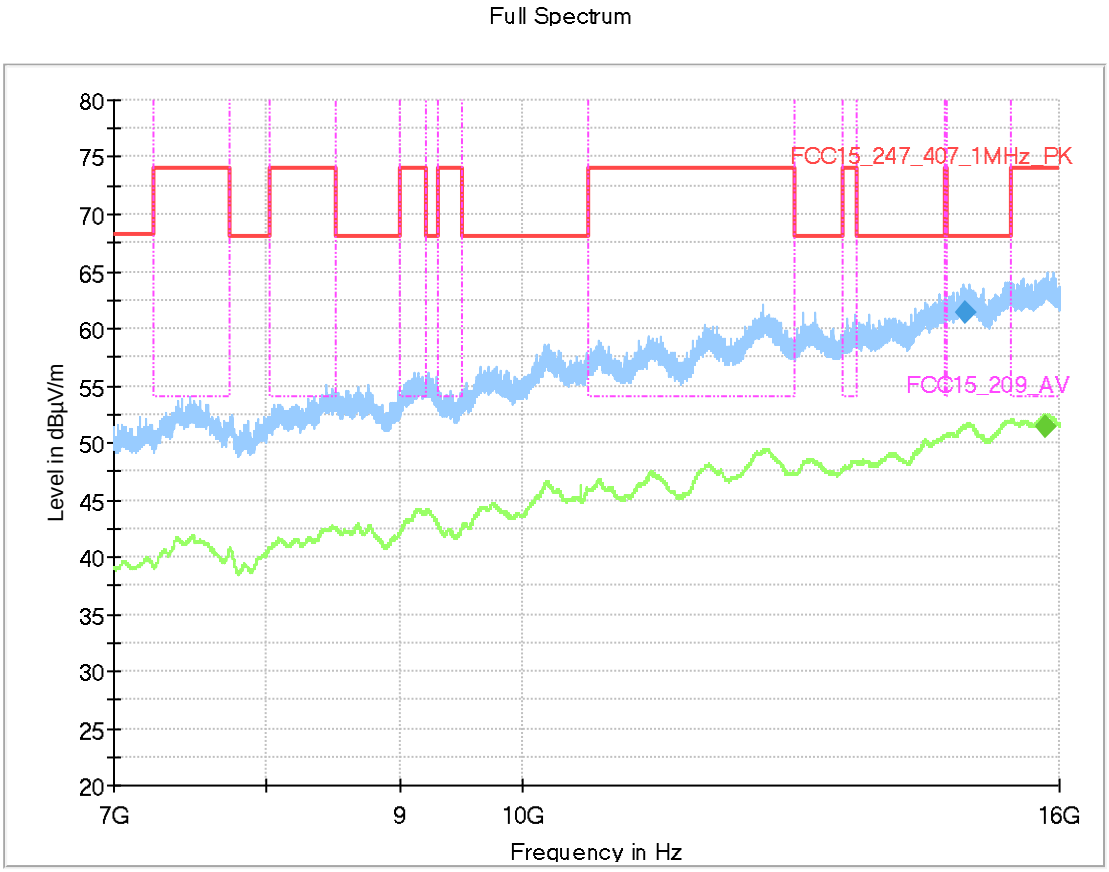
4.06b_n-mode_MCS3_ch052

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operating Mode:	n-mode | HT20 || MCS3| ch052
Operator:	TFra
EUT Setup:	1
Verdict:	Passed

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIV10
Type:	AIVIV10
HW:	HW Change
SW:	tbd
Serial Nr.:	0005057
Power Supply:	13,5V



Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
14728.200000	61.48	68.00	6.52	100.0	1000.000	V	45.0	90.0	31
15813.000000	---	54.00	2.68	100.0	1000.000	H	50.0	90.0	32

4.07b_n-mode_MCS3_ch116

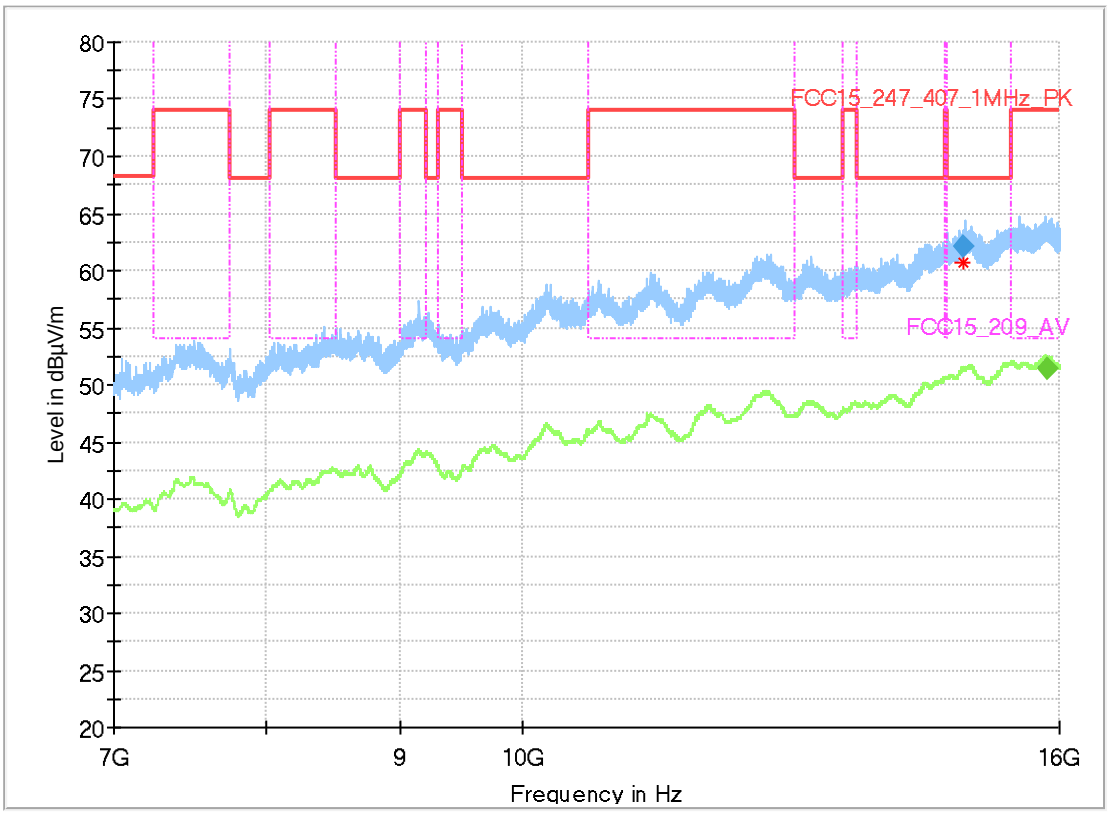
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operating Mode:	n-mode | HT20 || MCS3 | ch116
Operator:	TFra
EUT Setup:	1
Verdict:	Passed

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIV10
Type:	AIVIV10
HW:	HW Change
SW:	tbd
Serial Nr.:	0005057
Power Supply:	13,5V

Full Spectrum



Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
14714.600000	62.16	68.00	5.84	100.0	1000.000	H	308.0	90.0	31
15823.000000	---	54.00	2.66	100.0	1000.000	H	262.0	90.0	32

4.08b_n-mode_MCS3_ch157

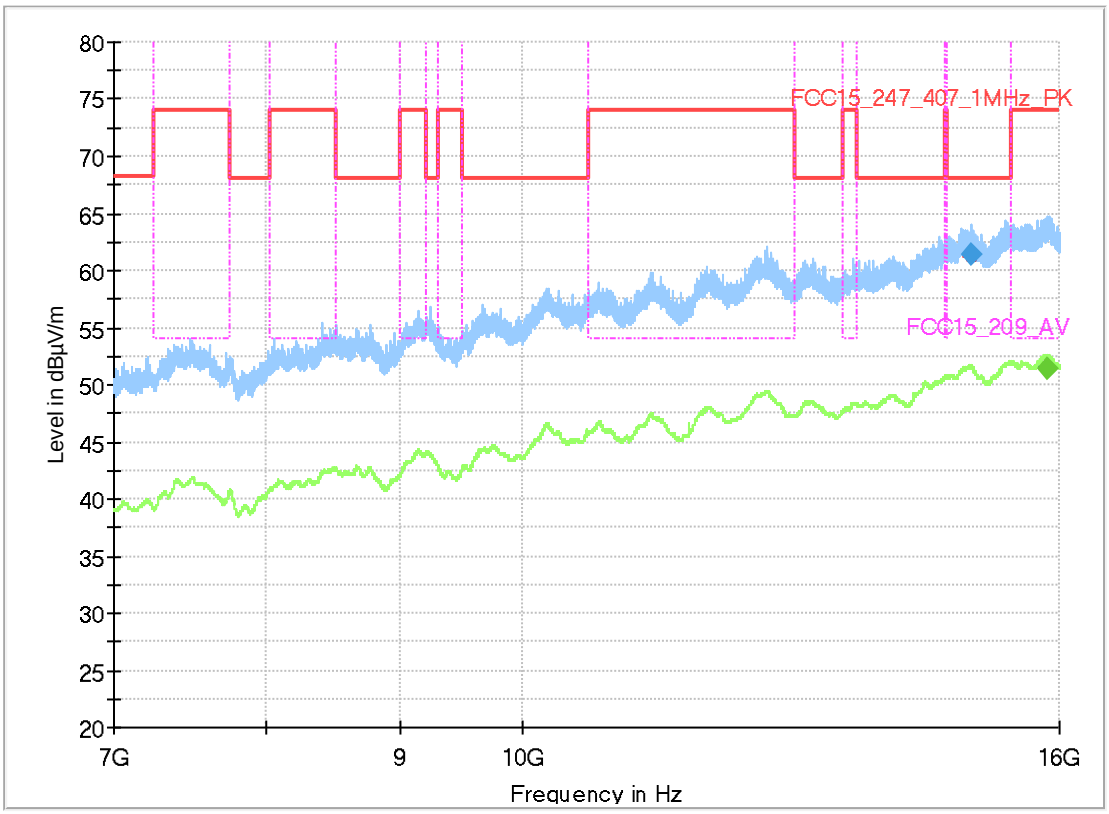
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operating Mode:	n-mode | HT20 || MCS3 | ch157
Operator:	TFra
EUT Setup:	1
Verdict:	Passed

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIV10
Type:	AIVIV10
HW:	HW Change
SW:	tbd
Serial Nr.:	0005057
Power Supply:	13,5V

Full Spectrum



Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
14802.600000	61.39	68.00	6.61	100.0	1000.000	V	304.0	90.0	31
15846.600000	---	54.00	2.67	100.0	1000.000	H	233.0	0.0	32

4.09b_ac-mode_MCS3_ch048

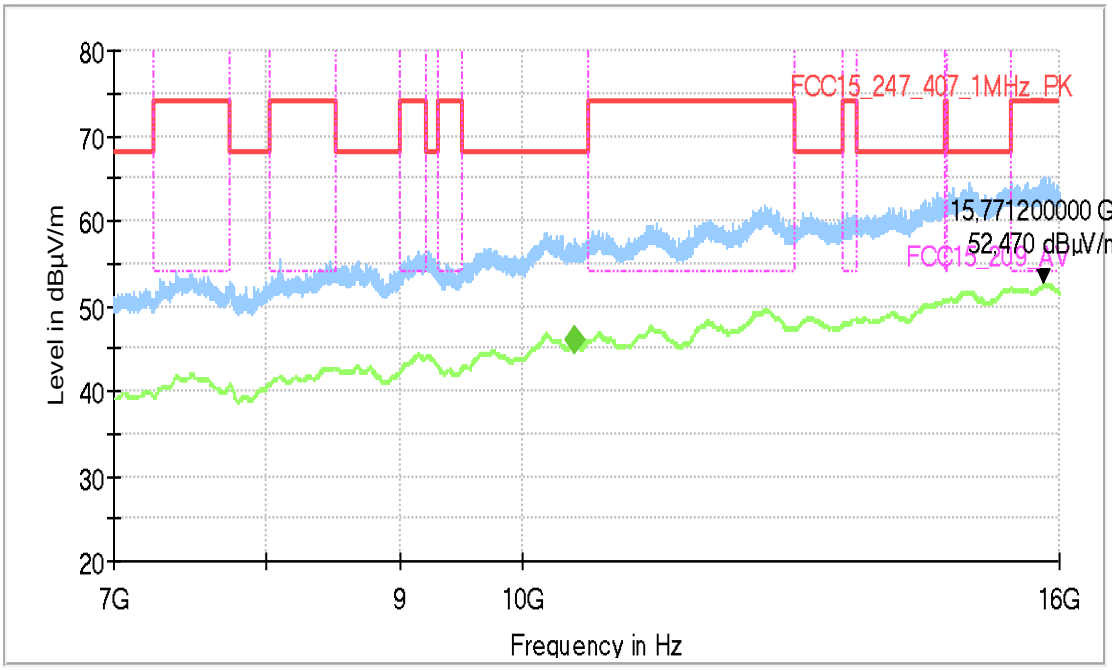
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operating Mode:	ac-mode | HT20 || MCS3 | ch048
Operator:	Mah
EUT Setup:	1
Verdict:	Passed

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIV10
Type:	AIVIV10
HW:	HW Change
SW:	tbd
Serial Nr.:	0005057
Power Supply:	13,5V

Full Spectrum



Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
10479.800000	---	150.00	103.89	100.0	1000.000	H	44.0	0.0	24

4.10b_ac-mode_MCS3_ch056

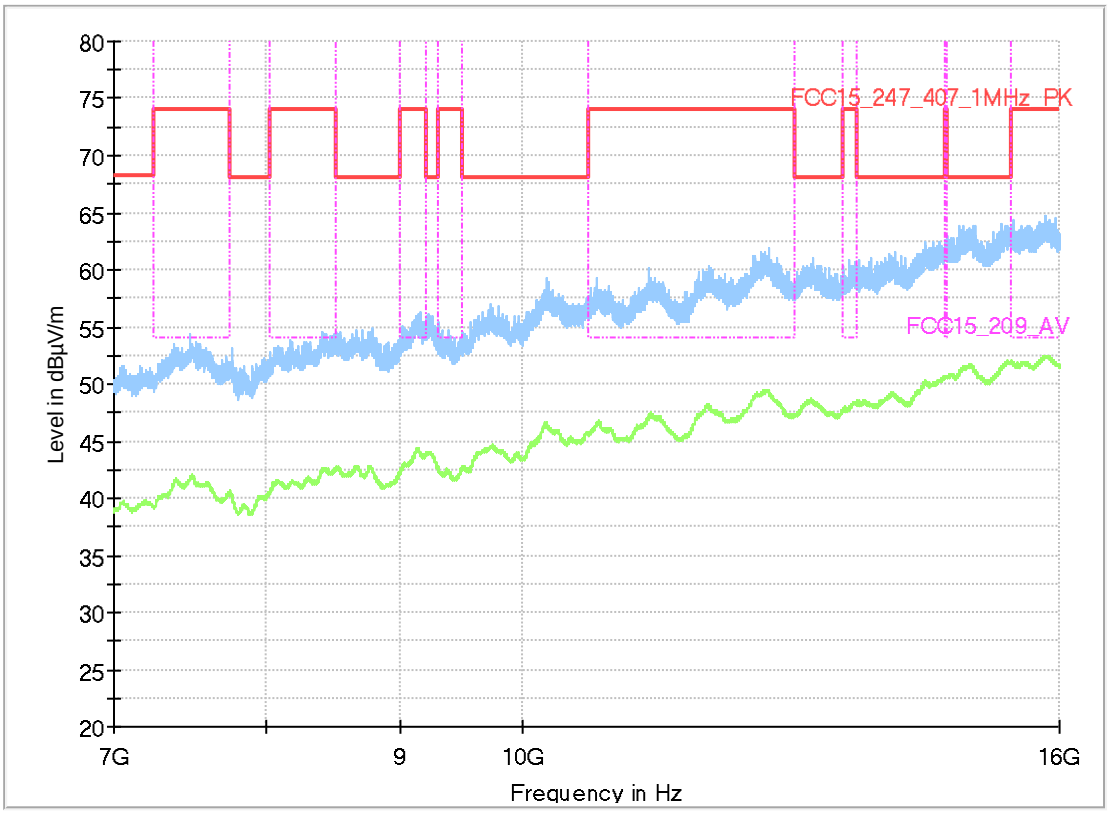
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operating Mode:	ac-mode | HT20 || MCS3| ch056
Operator:	TFra
EUT Setup:	1
Verdict:	Passed

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIV10
Type:	AIVIV10
HW:	HW Change
SW:	tbd
Serial Nr.:	0005057
Power Supply:	13,5V

Full Spectrum



4.11b_ac-mode_MCS3_ch140

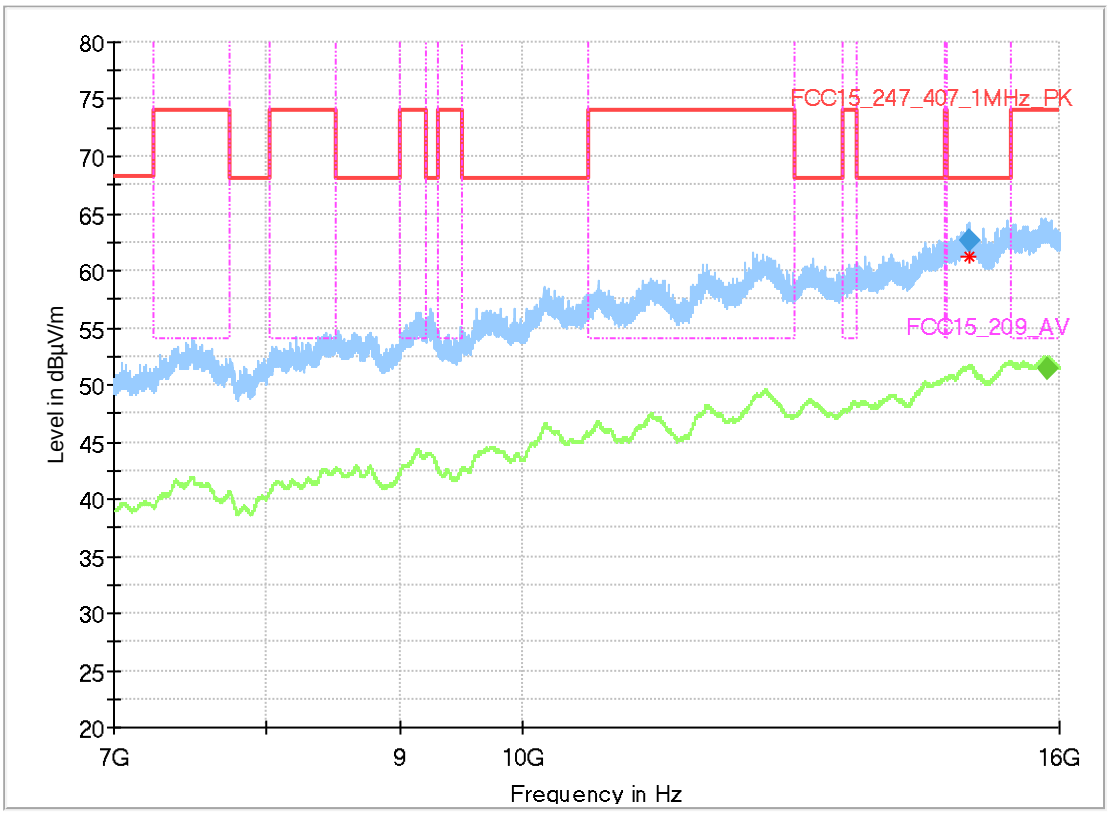
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operating Mode:	ac-mode | HT20 || MCS3 | ch140
Operator:	TFra
EUT Setup:	1
Verdict:	Passed

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIV10
Type:	AIVIV10
HW:	HW Change
SW:	tbd
Serial Nr.:	0005057
Power Supply:	13,5V

Full Spectrum



Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
14800.200000	62.56	68.00	5.44	100.0	1000.000	H	117.0	90.0	31
15846.600000	---	54.00	2.66	100.0	1000.000	V	18.0	90.0	32

4.12b_ac-mode_MCS3_ch165

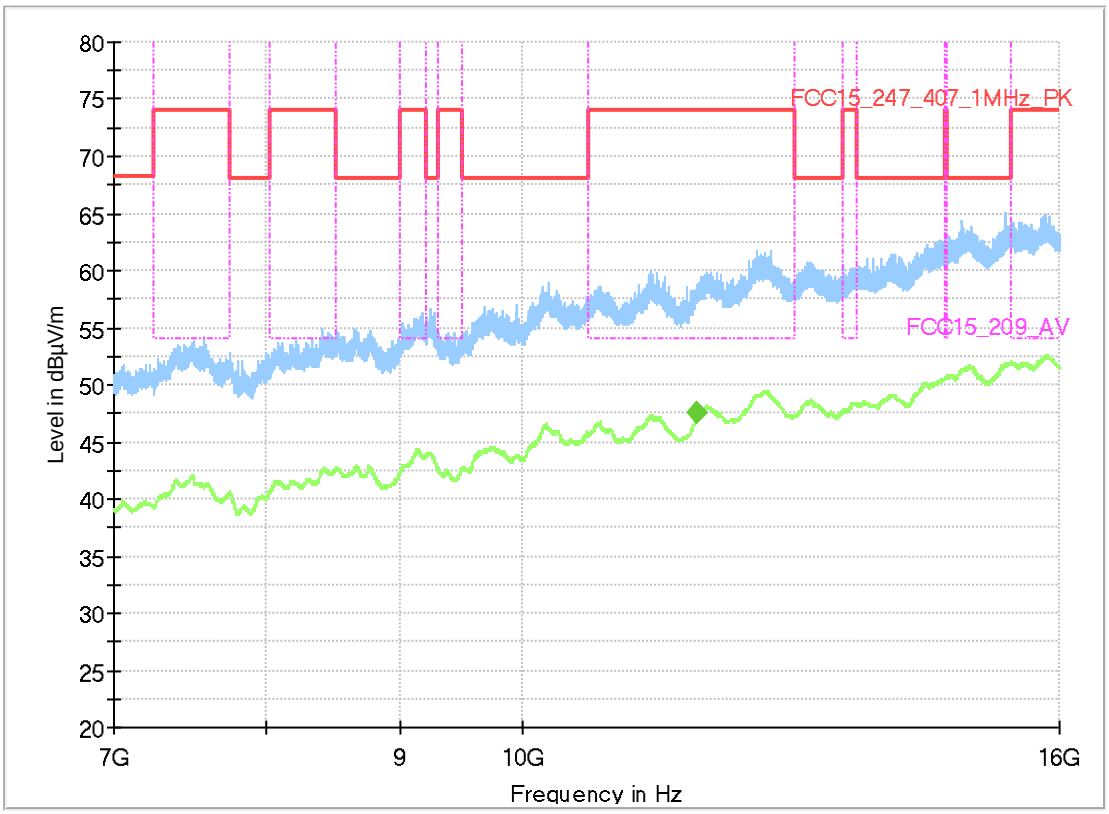
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operating Mode:	ac-mode | HT20 || MCS3 | ch165
Operator:	TFra
EUT Setup:	1
Verdict:	Passed

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIV10
Type:	AIVIV10
HW:	HW Change
SW:	tbd
Serial Nr.:	0005057
Power Supply:	13,5V

Full Spectrum



Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
11650.200000	---	54.00	6.48	100.0	1000.000	V	135.0	90.0	26

4.13b_n-mode_MCS3_ch038

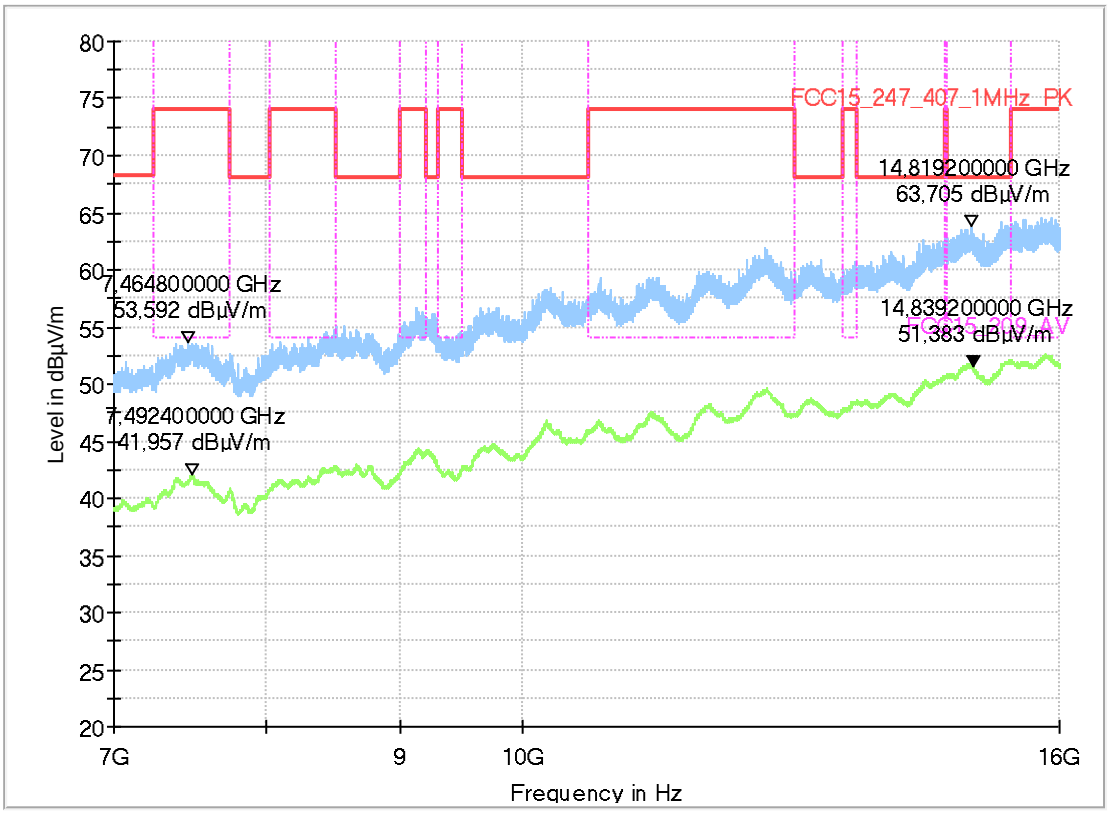
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operating Mode:	n-mode | HT40 || MCS3 | ch038
Operator:	HEI
EUT Setup:	1
Verdict:	Passed

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIV10
Type:	AIVIV10
HW:	HW Change
SW:	tbd
Serial Nr.:	0005057
Power Supply:	13,5V

Full Spectrum



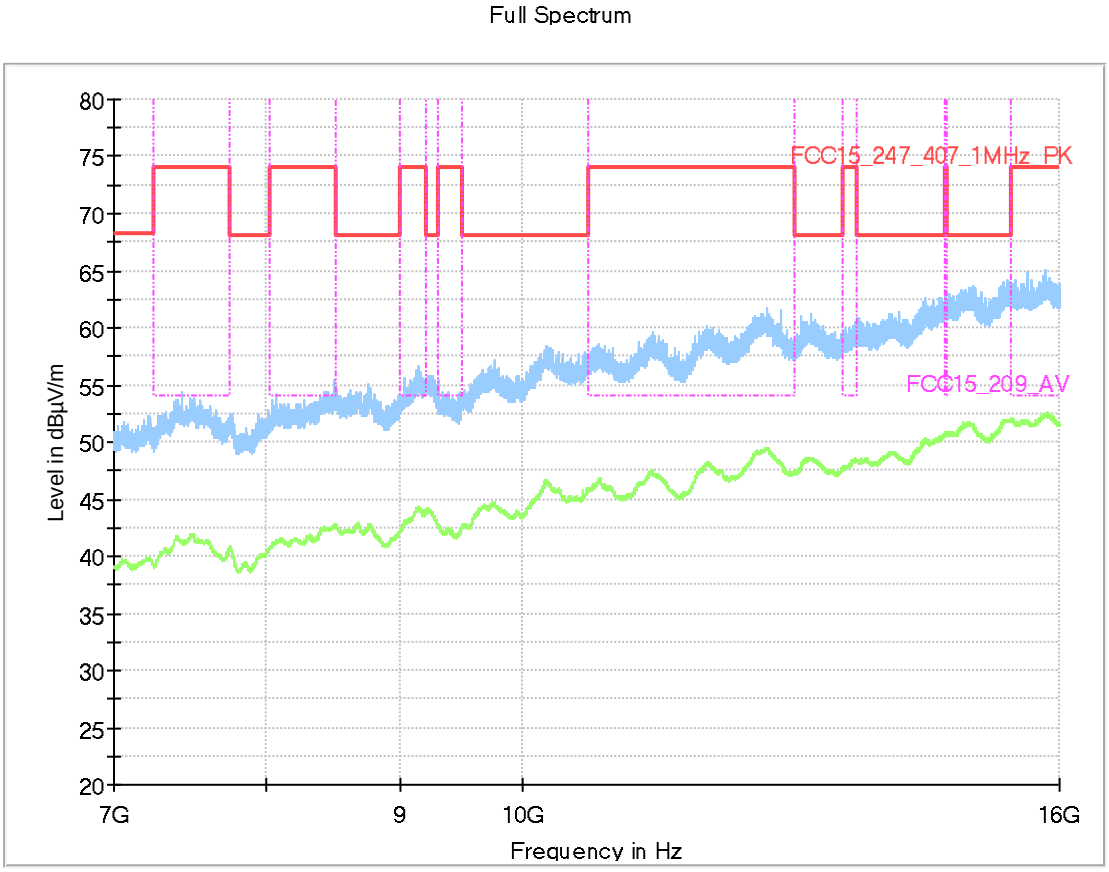
4.14b_n-mode_MCS3_ch54

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operating Mode:	n-mode | HT40 || MCS3| ch054
Operator:	HEI
EUT Setup:	1
Verdict:	Passed

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIV10
Type:	AIVIV10
HW:	HW Change
SW:	tbd
Serial Nr.:	0005057
Power Supply:	13,5V



4.15b_n-mode_MCS3_ch102

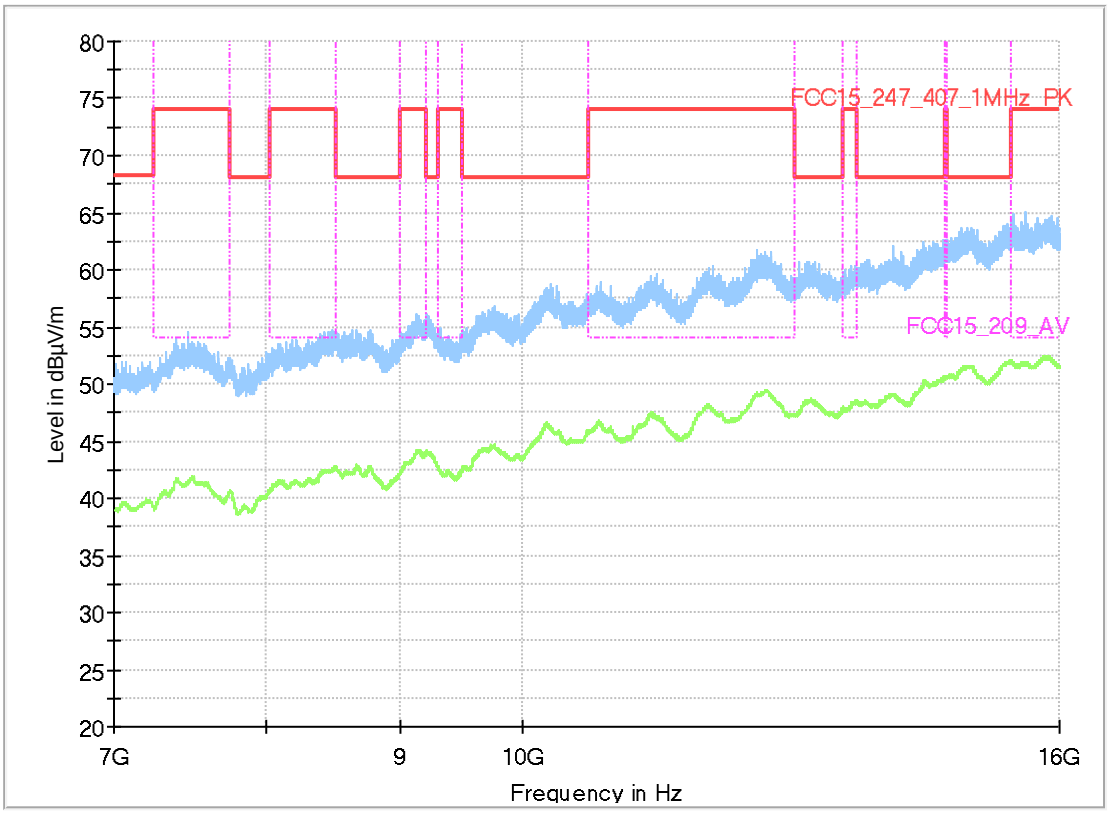
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operating Mode:	n-mode | HT40 || MCS3 | ch102
Operator:	HEI
EUT Setup:	1
Verdict:	Passed

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIV10
Type:	AIVIV10
HW:	HW Change
SW:	tbd
Serial Nr.:	0005057
Power Supply:	13,5V

Full Spectrum



4.16b_n-mode_MCS3_ch151

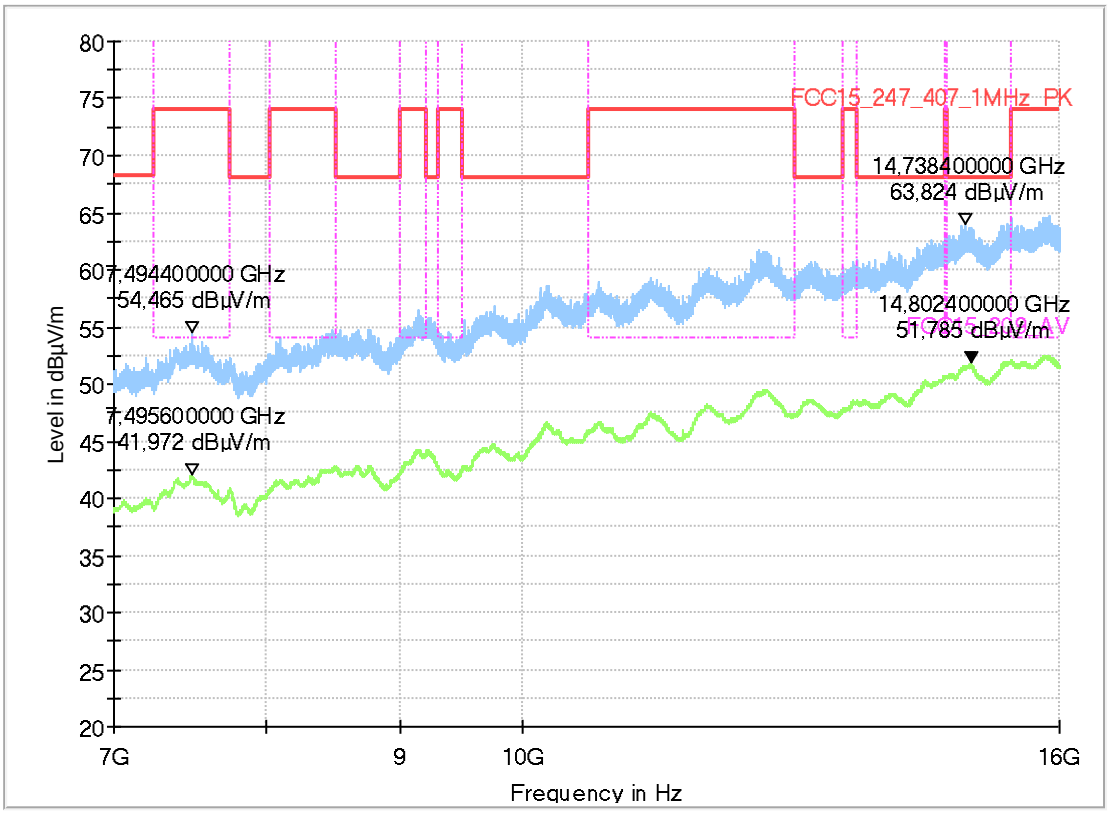
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operating Mode:	n-mode | HT40 || MCS3 | ch151
Operator:	HEI
EUT Setup:	1
Verdict:	Passed

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIV10
Type:	AIVIV10
HW:	HW Change
SW:	tbd
Serial Nr.:	0005057
Power Supply:	13,5V

Full Spectrum



4.17b_ac-mode_MCS9_ch046

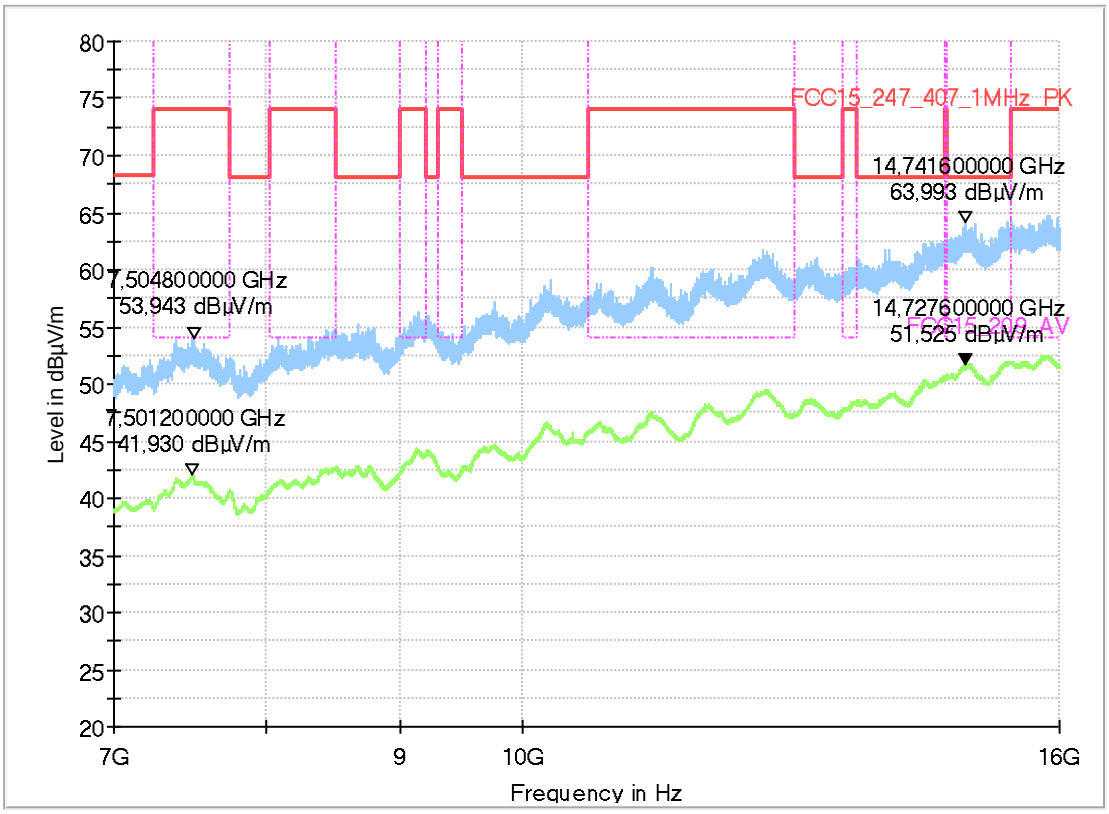
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operating Mode:	ac-mode | HT40 || MCS9| ch046
Operator:	HEI
EUT Setup:	1
Verdict:	Passed

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIV10
Type:	AIVIV10
HW:	HW Change
SW:	tbd
Serial Nr.:	0005057
Power Supply:	13,5V

Full Spectrum



4.18b_ac-mode_MCS9_ch62

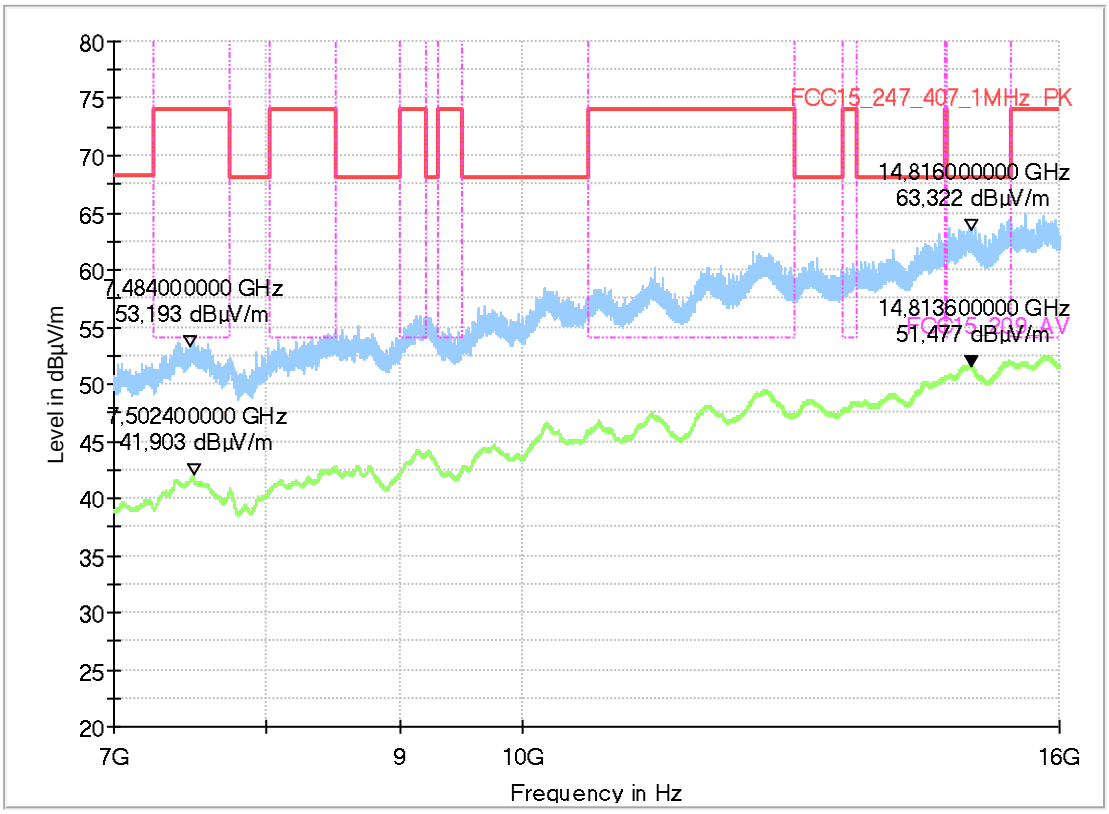
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operating Mode:	ac-mode | HT40 || MCS9| ch062
Operator:	HEI
EUT Setup:	1
Verdict:	Passed

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIV10
Type:	AIVIV10
HW:	HW Change
SW:	tbd
Serial Nr.:	0005057
Power Supply:	13,5V

Full Spectrum



4.19b_ac-mode_MCS9_ch134

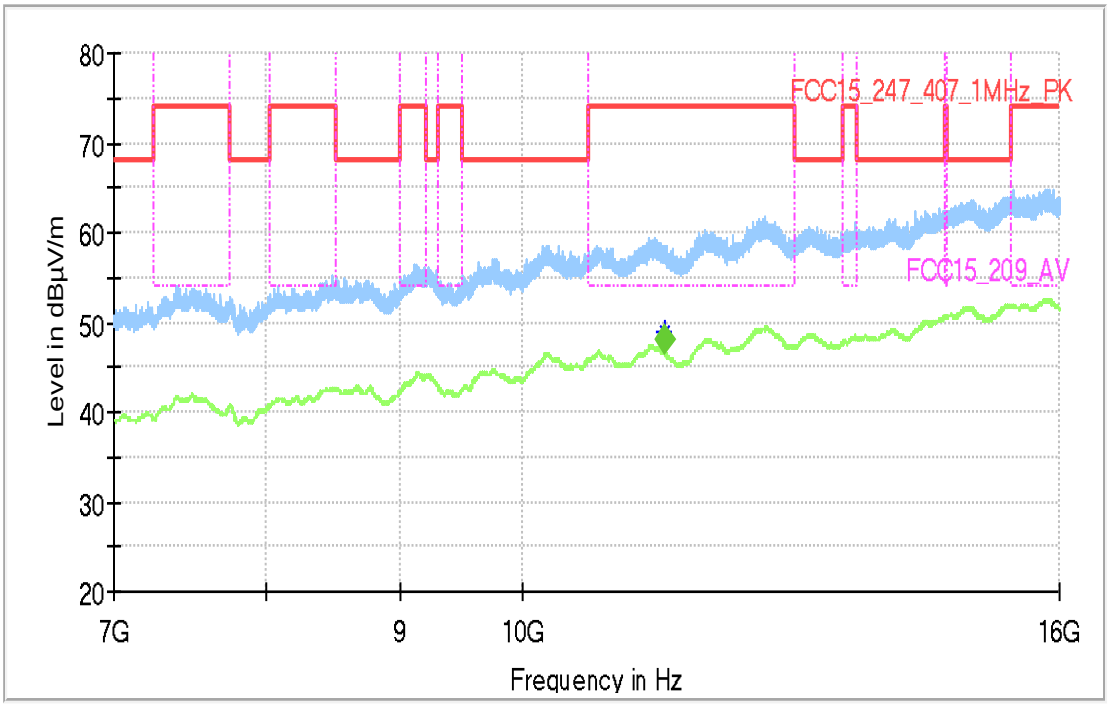
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operating Mode:	ac-mode | HT40 || MCS9| ch134
Operator:	Mah
EUT Setup:	1
Verdict:	Passed

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIV10
Type:	AIVIV10
HW:	HW Change
SW:	tbd
Serial Nr.:	0005057
Power Supply:	13,5V

Full Spectrum



Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
11339.800000	---	54.00	5.92	100.0	1000.000	H	39.0	0.0	26

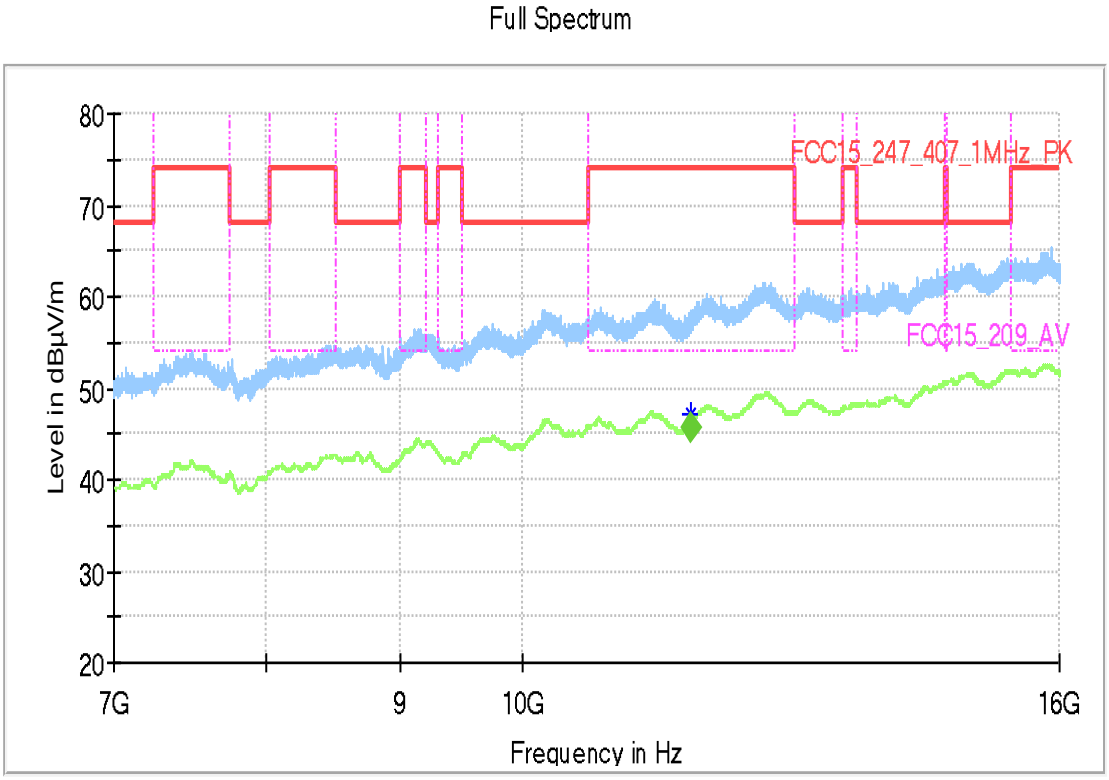
4.20b_ac-mode_MCS9_ch159

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operating Mode:	ac-mode | HT40 || MCS9| ch159
Operator:	HEI
EUT Setup:	1
Verdict:	Passed

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIV10
Type:	AIVIV10
HW:	HW Change
SW:	tbd
Serial Nr.:	0005057
Power Supply:	13,5V



Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
11589.800000	---	54.00	8.21	100.0	1000.000	V	166.0	90.0	25

4.21b_ac-mode_MCS7_ch042

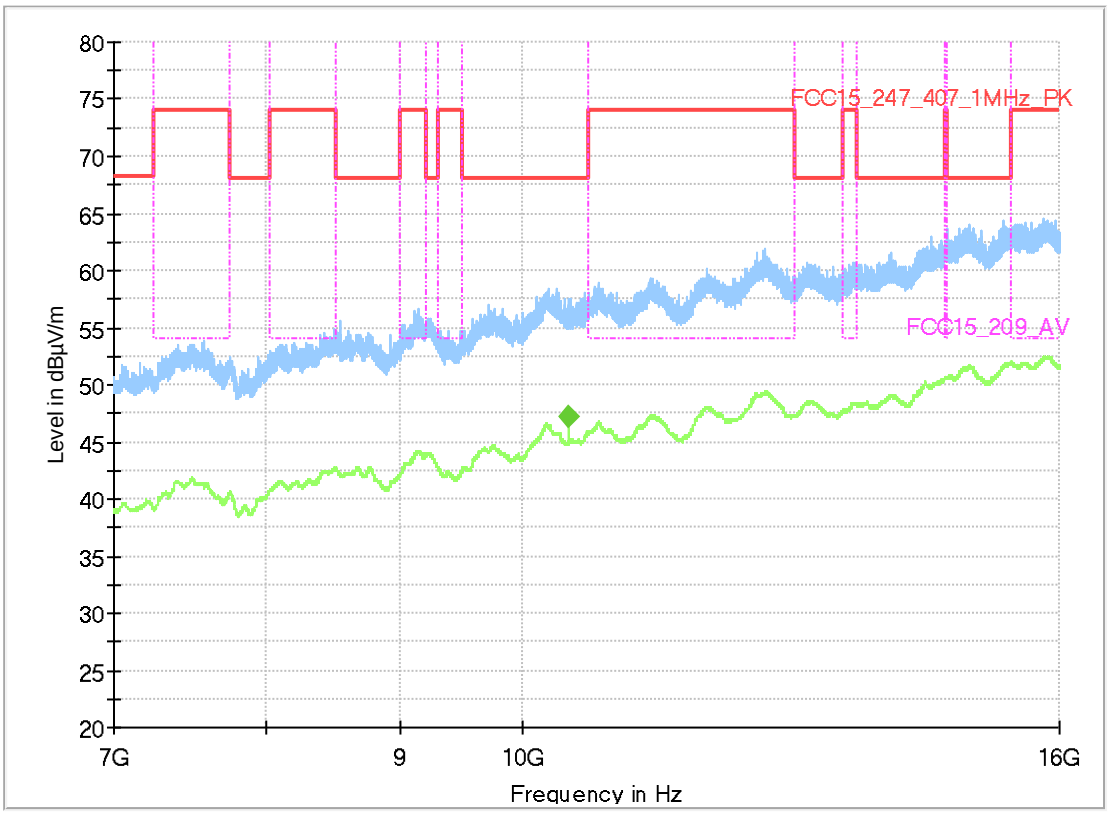
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operating Mode:	ac-mode | HT80 || MCS7 | ch042
Operator:	HEI
EUT Setup:	1
Verdict:	Passed

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIV10
Type:	AIVIV10
HW:	HW Change
SW:	tbd
Serial Nr.:	0005057
Power Supply:	13,5V

Full Spectrum



Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
10419.800000	---	150.00	102.81	100.0	1000.000	H	22.0	0.0	23.8

4.22b_ac-mode_MCS7_ch58

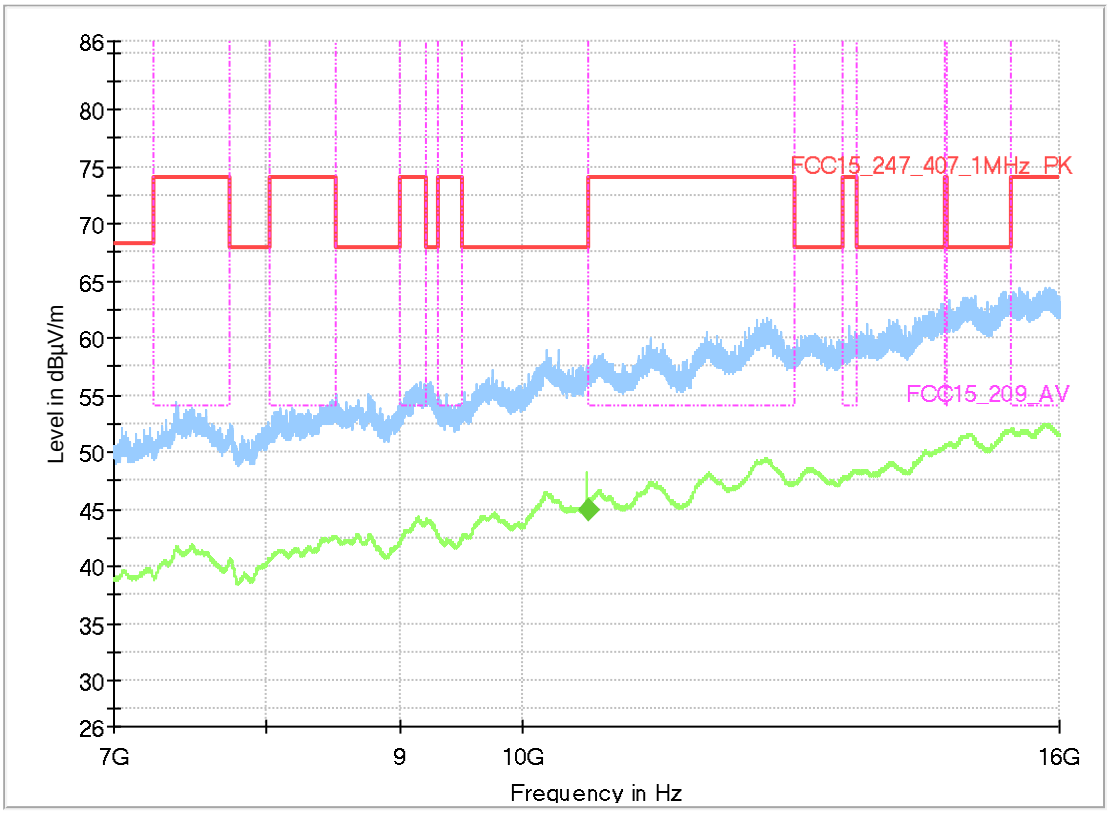
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operating Mode:	ac-mode | HT80 || MCS7| ch058
Operator:	HEI
EUT Setup:	1
Verdict:	Passed

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIV10
Type:	AIVIV10
HW:	HW Change
SW:	tbd
Serial Nr.:	0005057
Power Supply:	13,5V

Full Spectrum



Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
10601.000000	---	54.00	9.06	100.0	1000.000	H	13.0	0.0	25

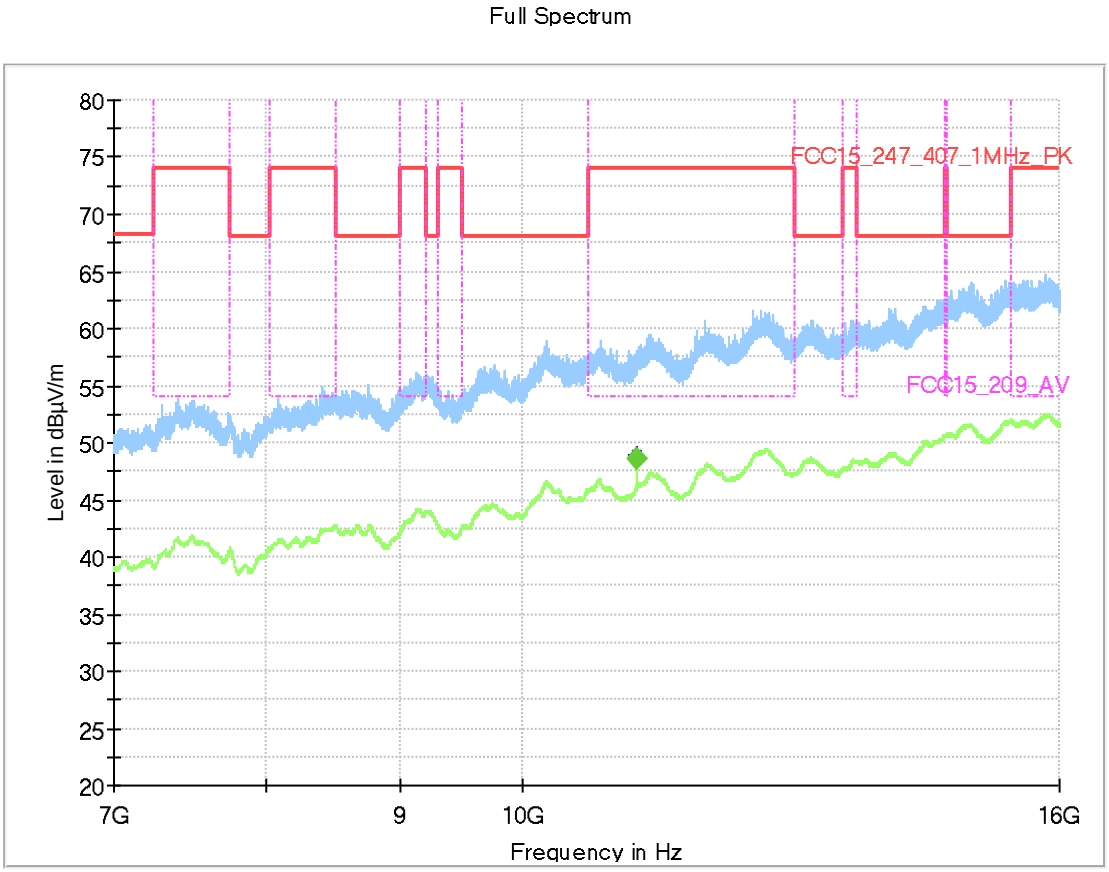
4.23b_ac-mode_MCS7_ch106

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operating Mode:	ac-mode_MCS7_ch106
Operator:	HEI
EUT Setup:	1
Verdict:	Passed

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIV10
Type:	AIVIV10
HW:	HW Change
SW:	tbd
Serial Nr.:	0005057
Power Supply:	13,5V



Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
11059.800000	---	54.00	5.40	100.0	1000.000	H	34.0	0.0	25

4.24b_ac-mode_MCS7_ch155

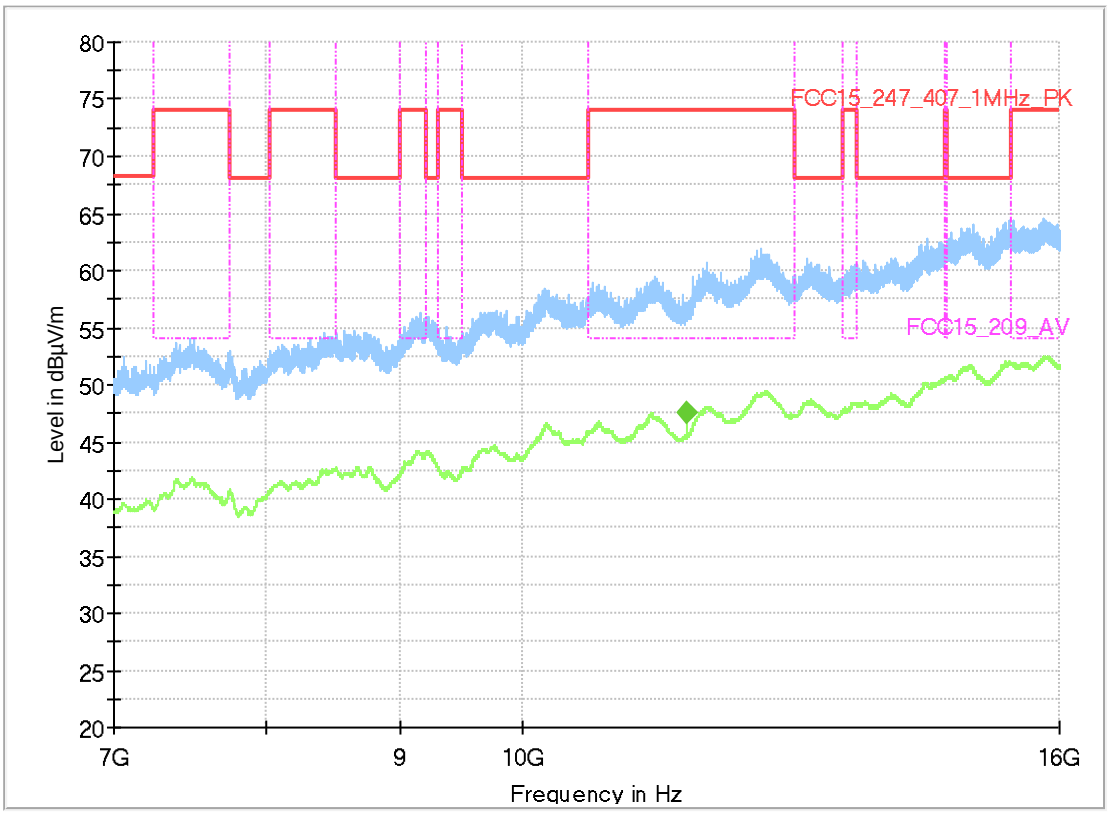
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operating Mode:	ac-mode | HT80 || MCS7 | ch155
Operator:	HEI
EUT Setup:	1
Verdict:	Passed

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIV10
Type:	AIVIV10
HW:	HW Change
SW:	tbd
Serial Nr.:	0005057
Power Supply:	13,5V

Full Spectrum



Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
11549.800000	---	54.00	6.41	100.0	1000.000	H	90.0	0.0	24

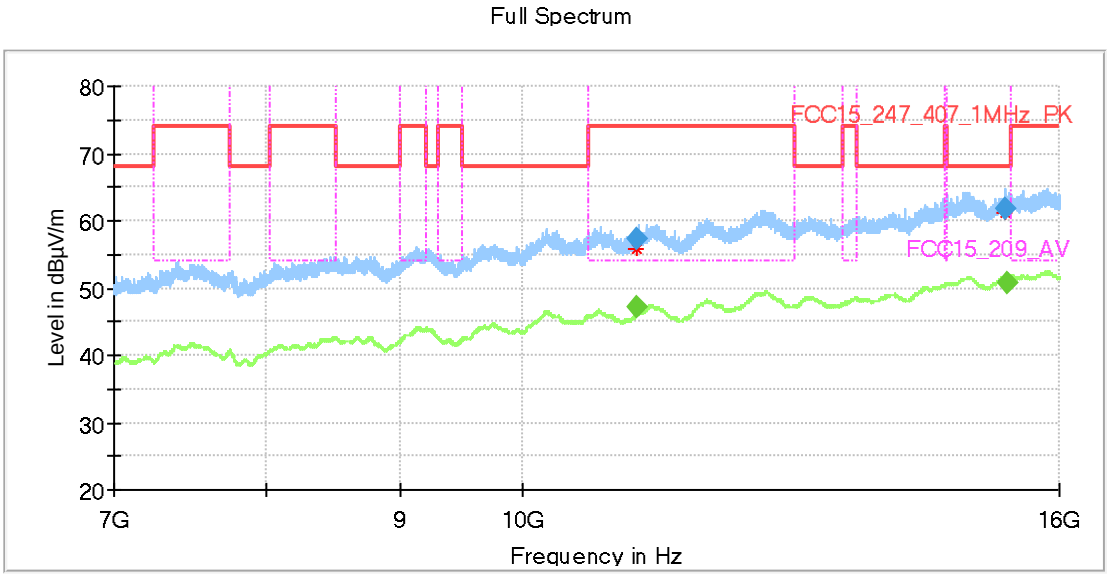
4.30b_BT_W-LAN 5GHZ

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operating Mode:	BT + WLAN 5GHz
Operator:	TFra
Verdict:	Passed

EUT Information

PMT number:	18-1-02483S03
Manufacturer:	Robert Bosch Car Multimedia GmbH
Product:	Multimedia device with Bluetooth and WLAN
Model:	AIVIV10
---	---
HW version:	tbd
SW version:	tbd
SVN:	
Config:	
Serial number:	0005041
Connected Interfaces:	
Power Supply:	
Date received:	29.04.2019
Comments:	RTA Mode

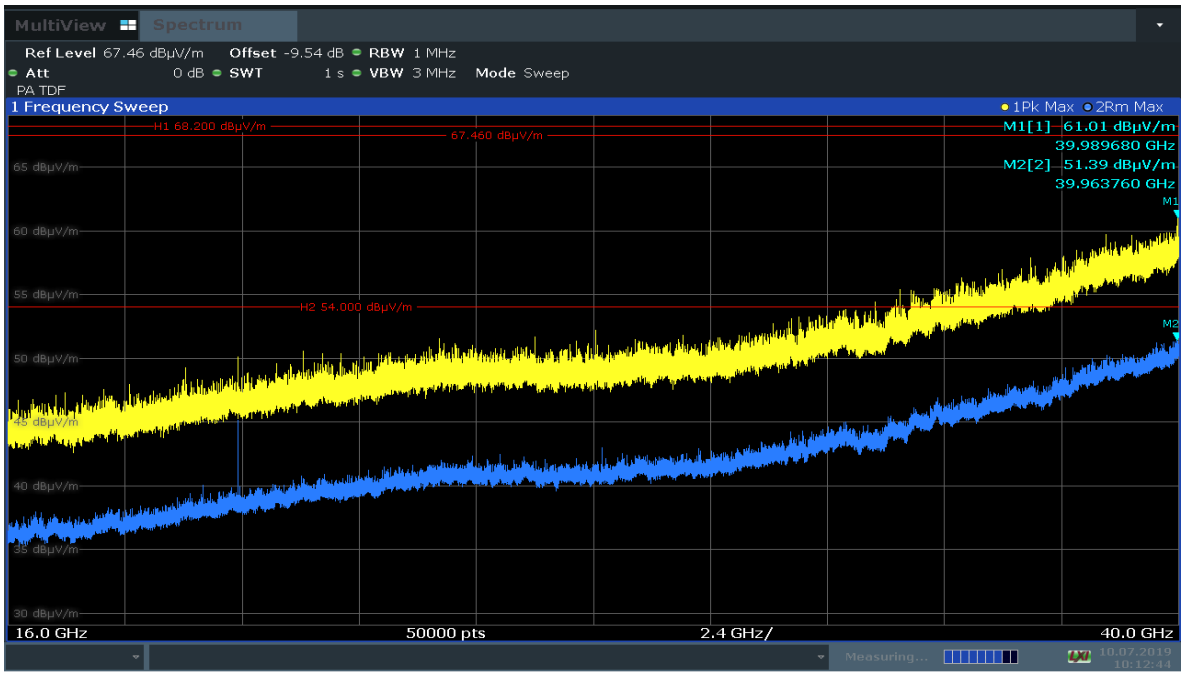


Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
11059.800000	---	54.00	6.92	100.0	1000.000	H	42.0	0.0	25
11065.000000	57.26	74.00	16.74	100.0	1000.000	V	69.0	90.0	25
15267.800000	61.73	68.00	6.27	100.0	1000.000	V	10.0	0.0	31
15290.600000	---	150.00	99.34	100.0	1000.000	H	291.0	0.0	31

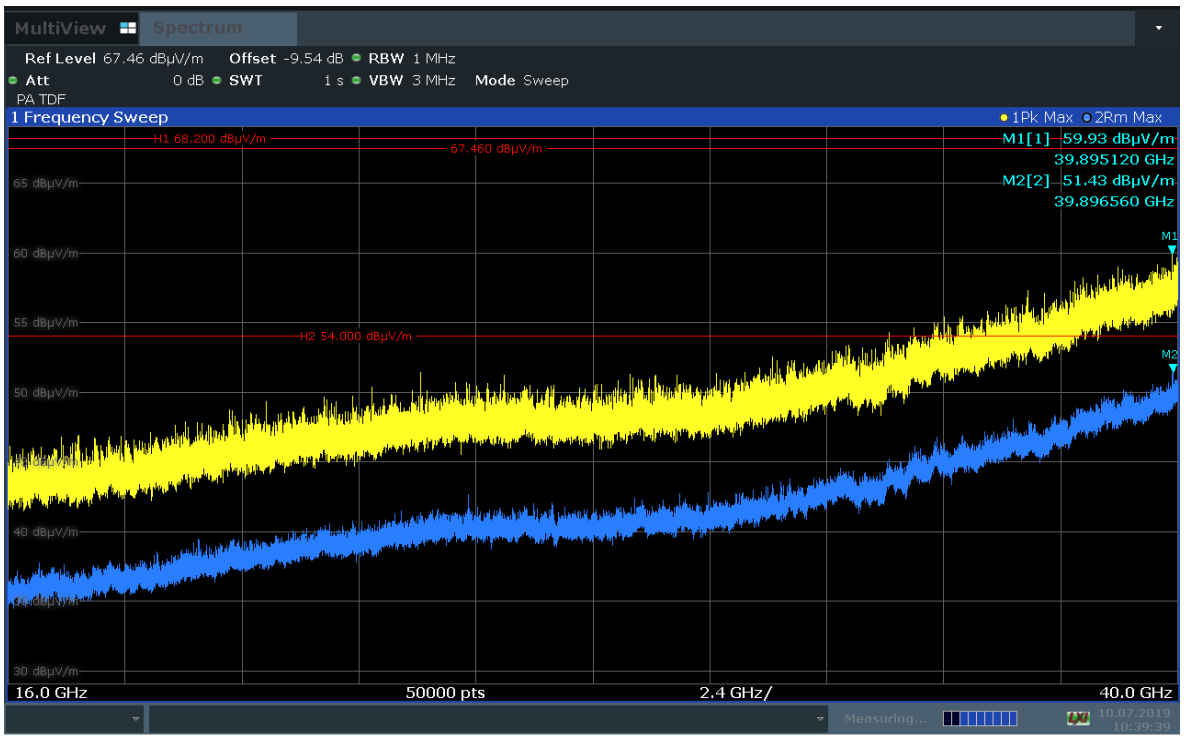
2.5. Radiated electric field measurement 16 GHz to 40 GHz

4.01c_a-mode_9MBps_ch036



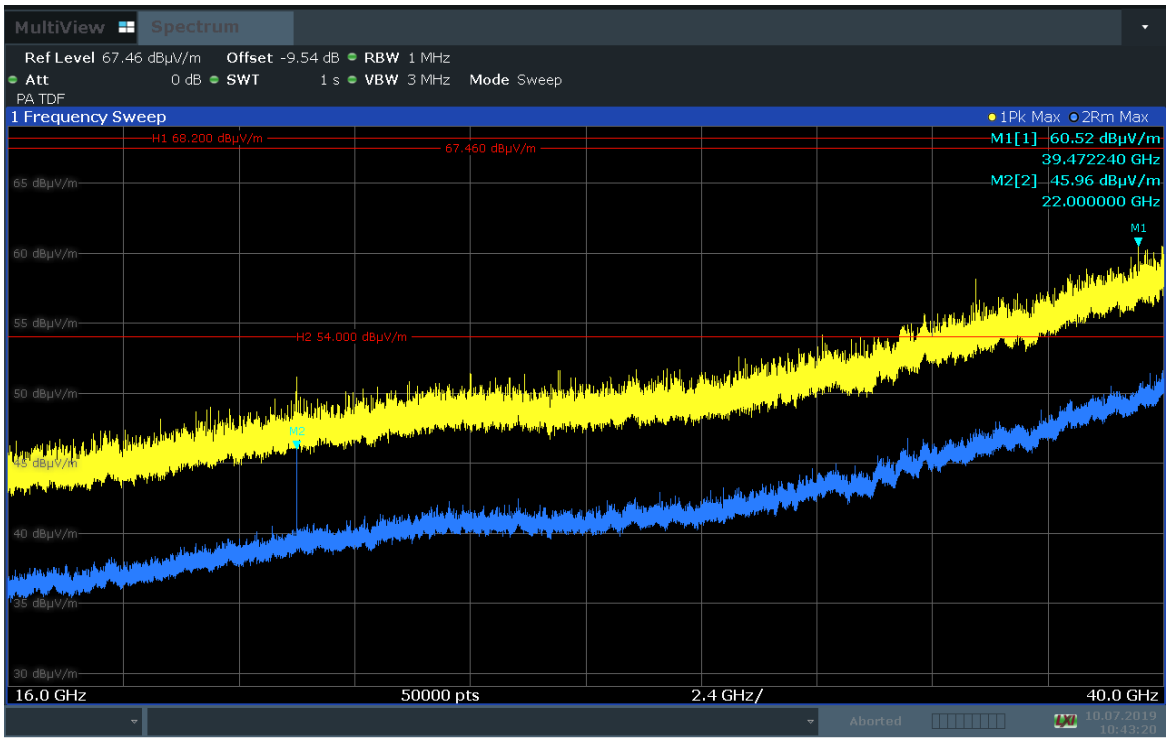
10:12:45 10.07.2019

4.02c_a-mode_9MBps_ch064



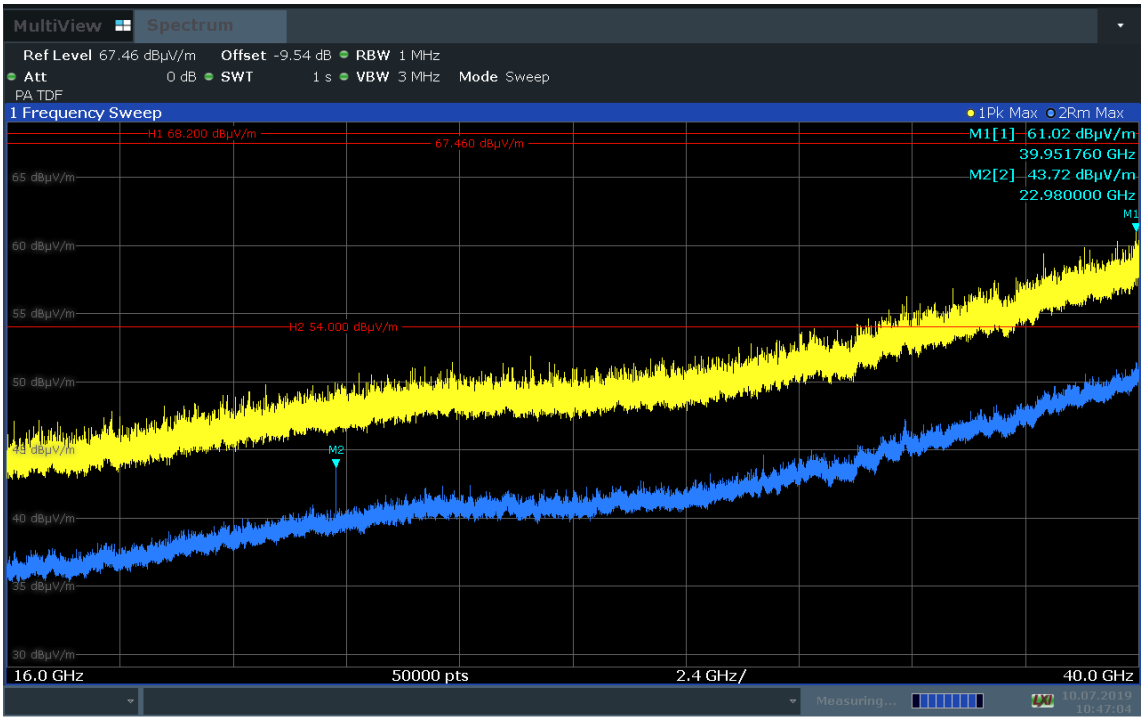
10:39:39 10.07.2019

4.03c_a-mode_9MBps_ch100



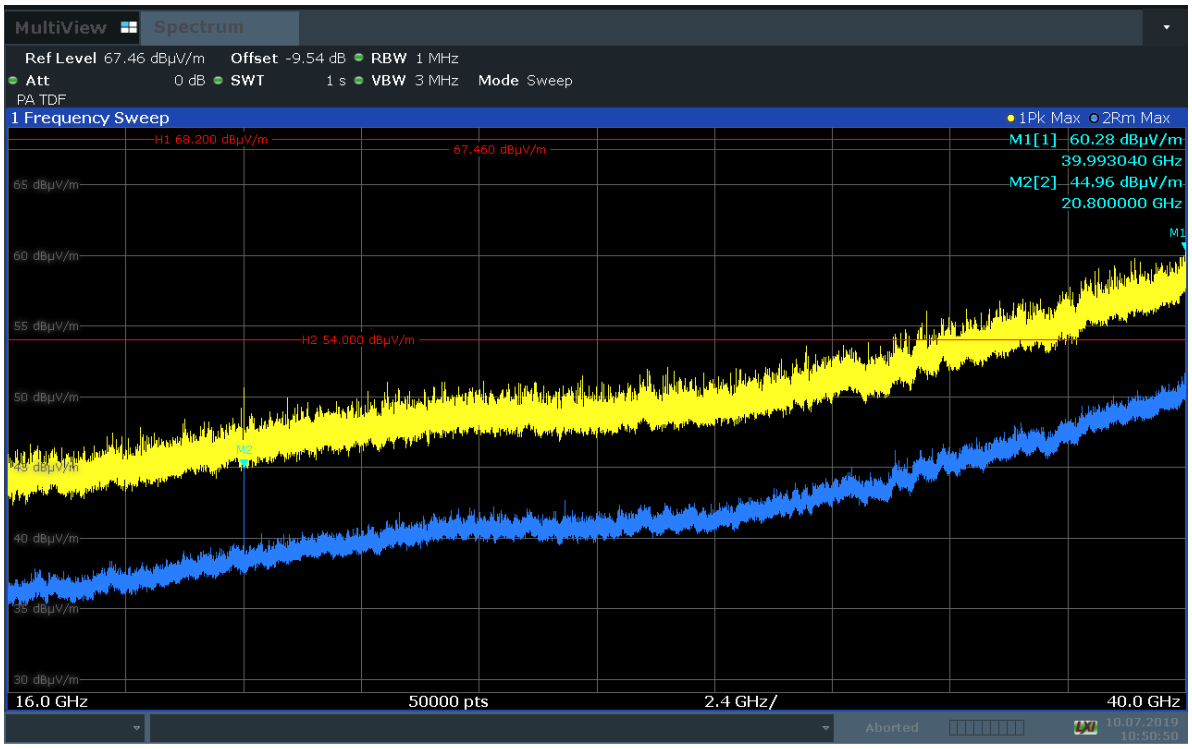
10:43:20 10.07.2019

4.04c_a-mode_9MBps_ch149



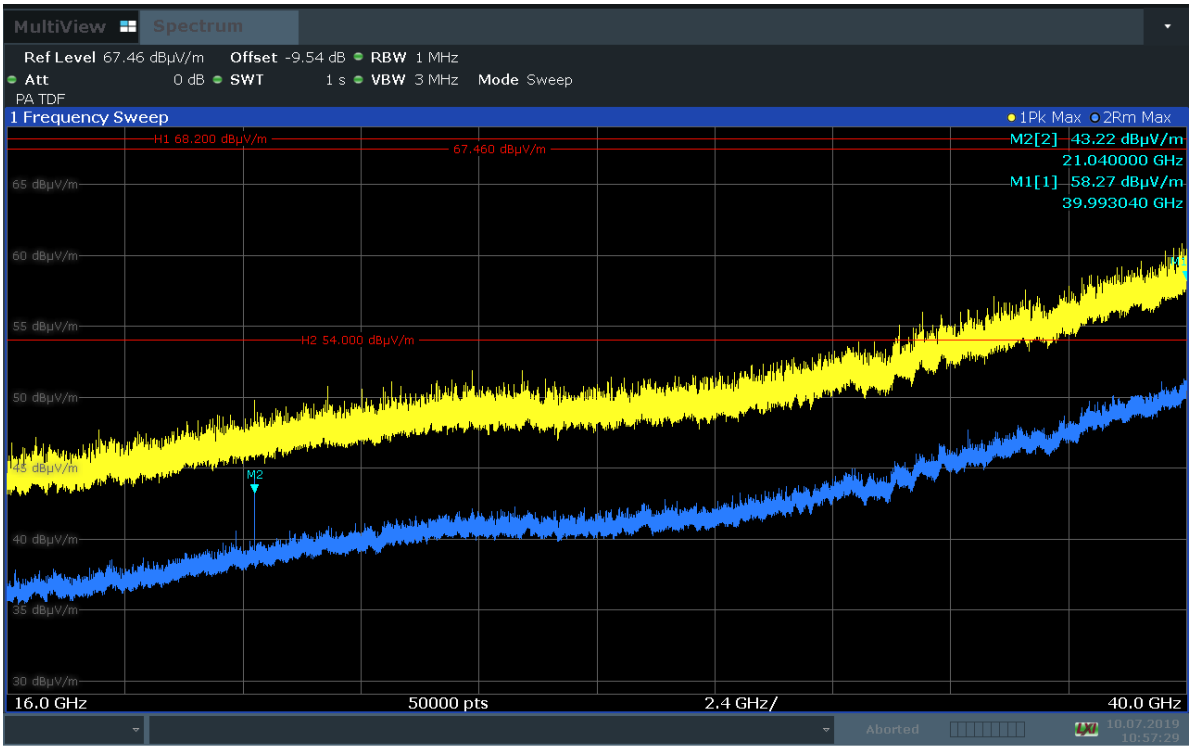
10:47:04 10.07.2019

4.05c_n-mode_MCS3_ch040



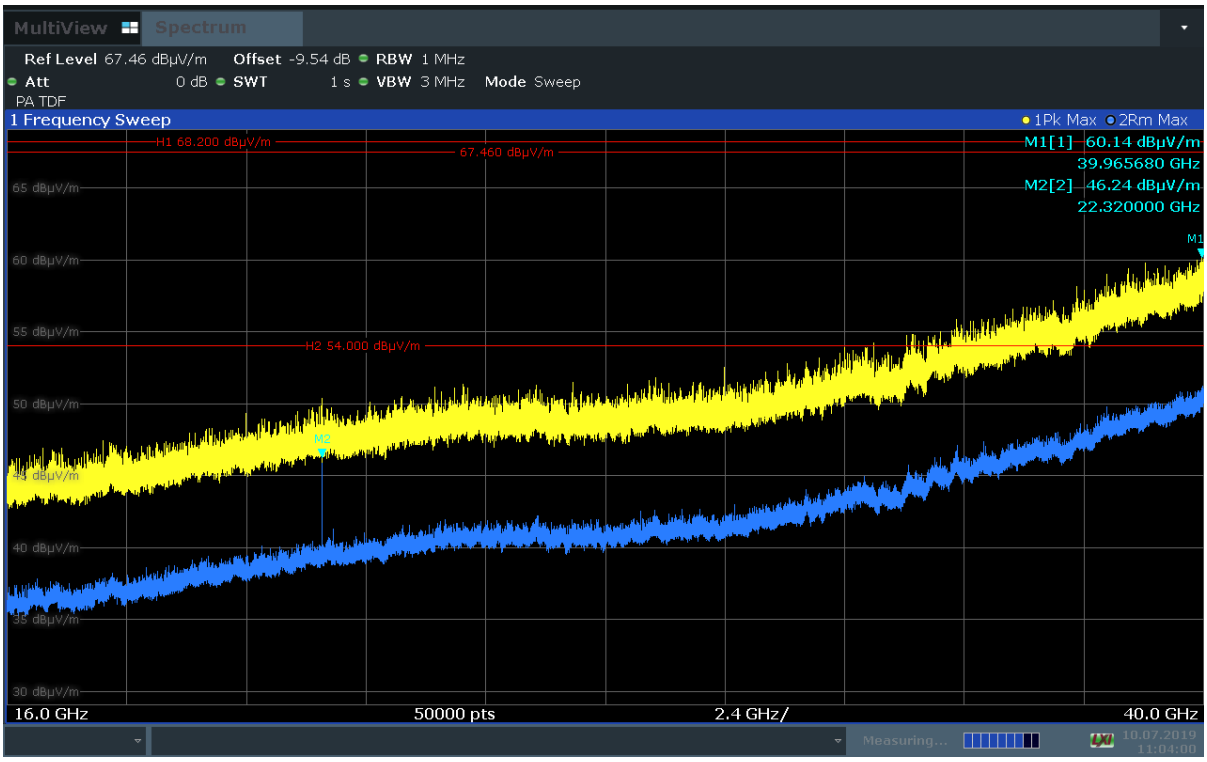
10:50:50 10.07.2019

4.06c_n-mode_MCS3_ch052



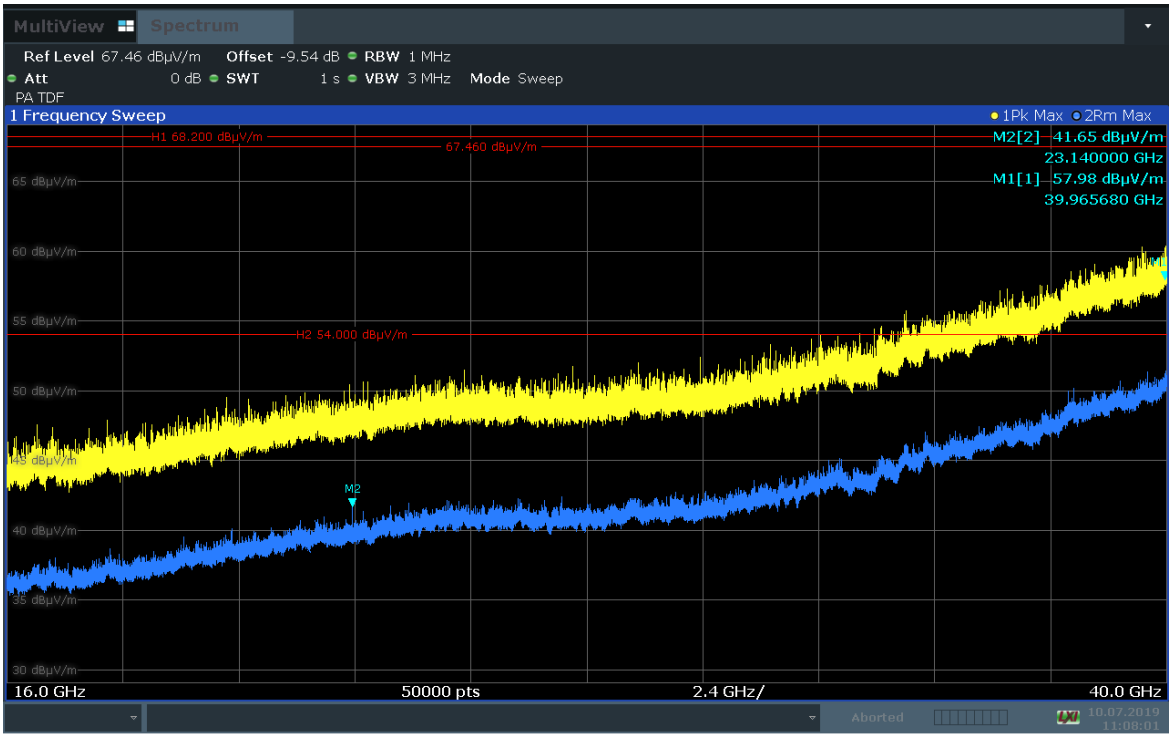
10:57:30 10.07.2019

4.07c_n-mode_MCS3_ch116



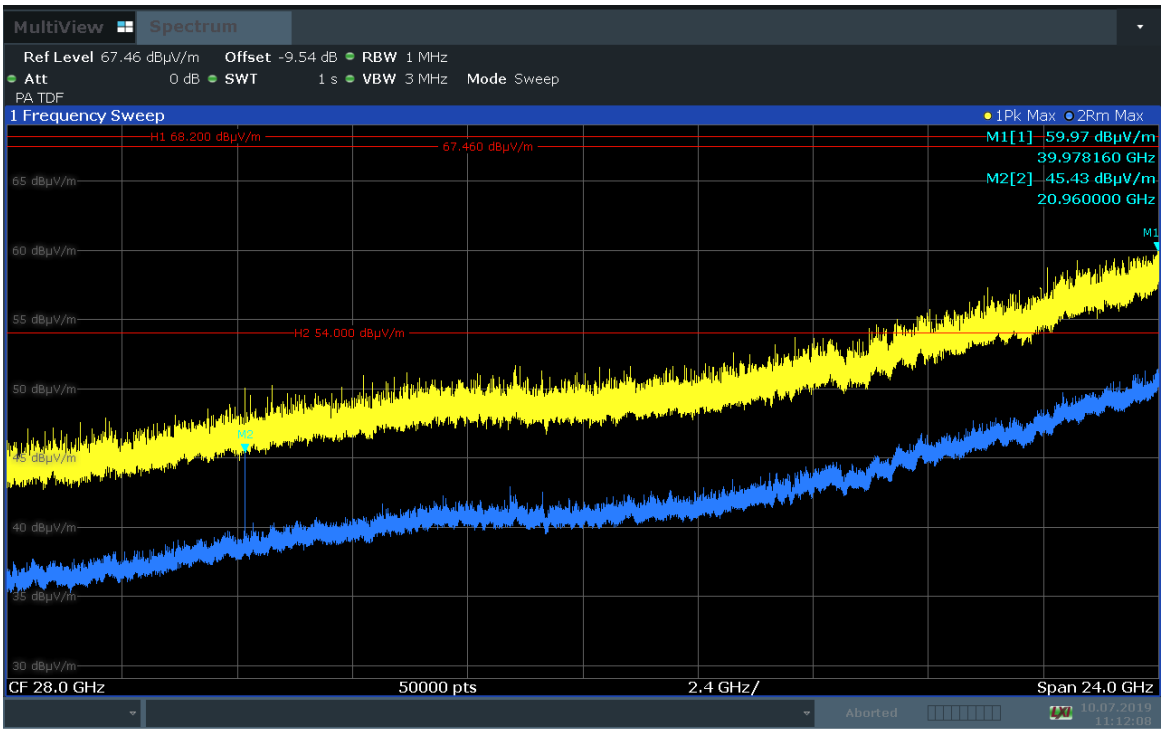
11:04:00 10.07.2019

4.08c_n-mode_MCS3_ch157



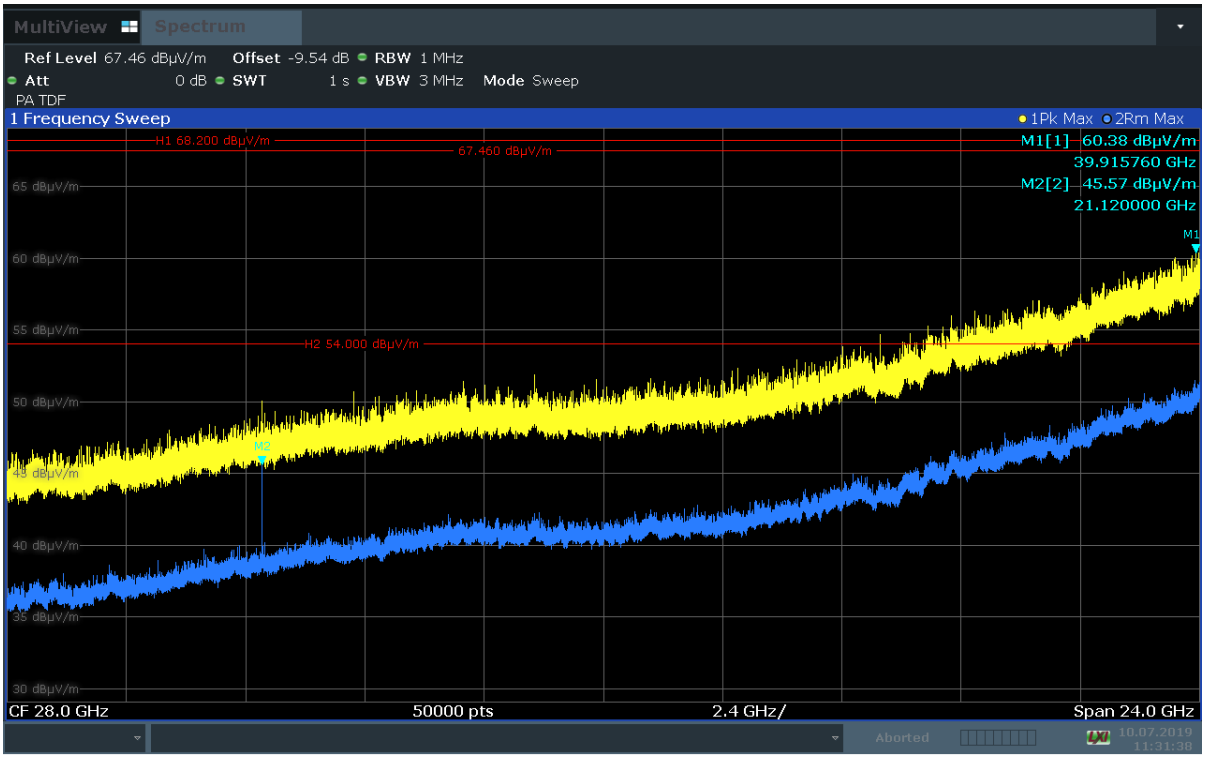
11:08:02 10.07.2019

4.09c_ac-mode_MCS3_ch048



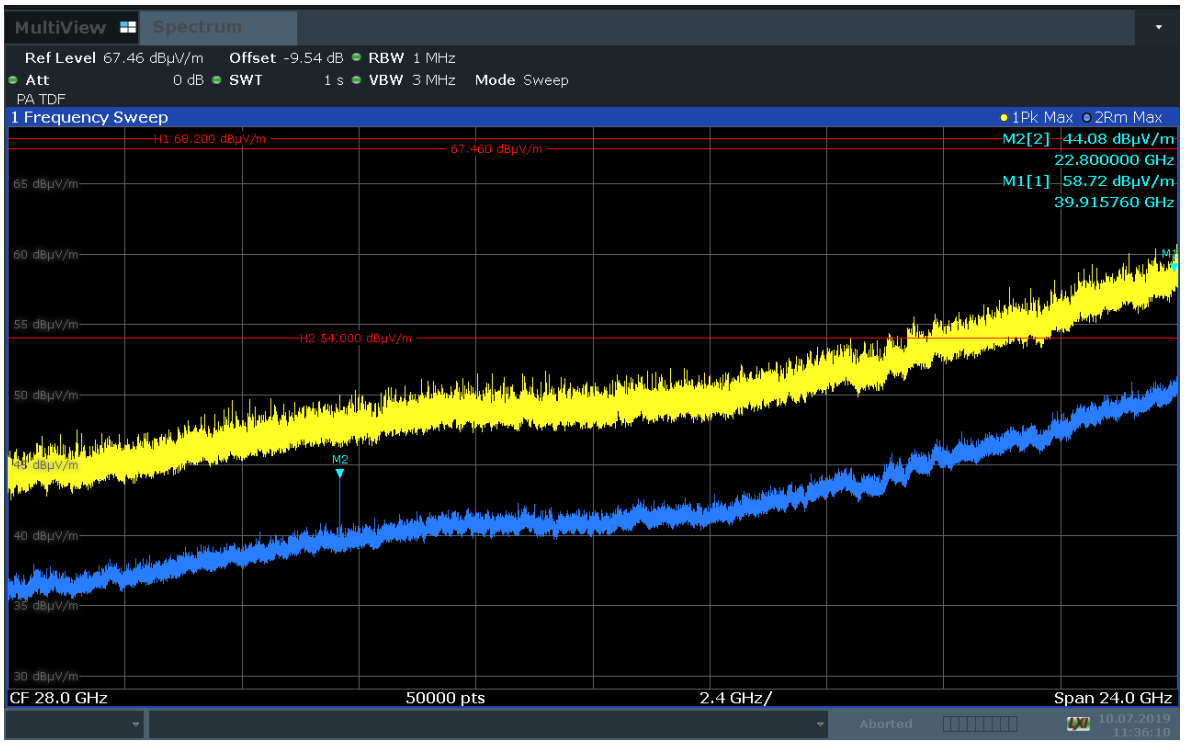
11:12:08 10.07.2019

4.10c_ac-mode_MCS3_ch056



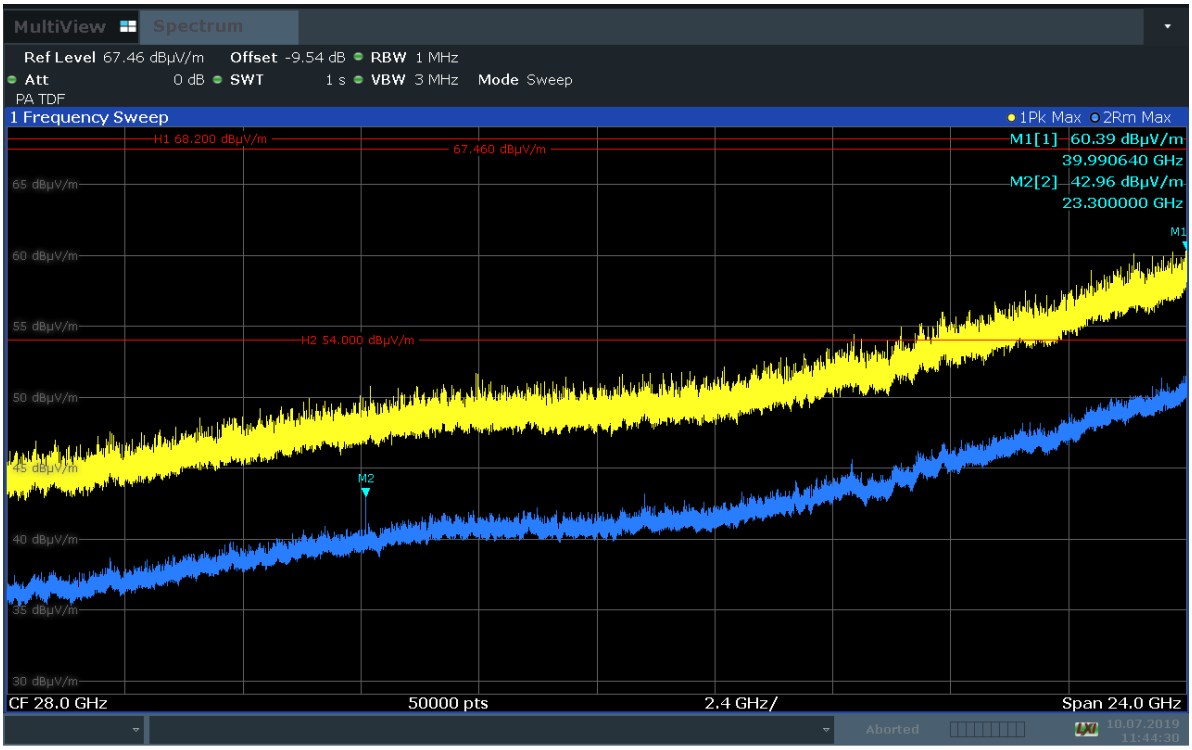
11:31:39 10.07.2019

4.11c_ac-mode_MCS3_ch140



11:36:11 10.07.2019

4.12c_ac-mode_MCS3_ch165



11:44:31 10.07.2019