

4.68_WLAN_ac_mode_20MHz_ch48

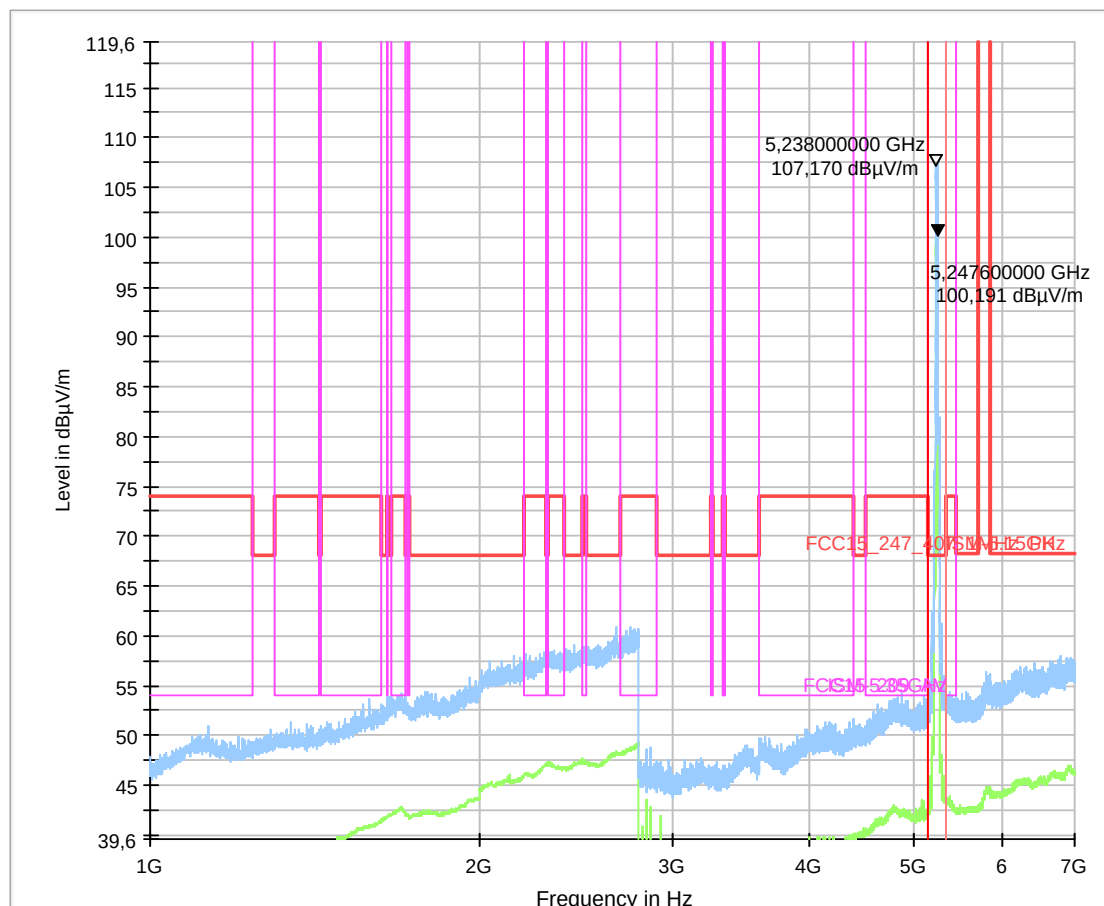
Common Information

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
EUT Position:	horizontal/vertical
Operation mode:	11ac 20MHz VHT_SS1_MCS0 48
Operator Name:	SLo

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum



4.69_WLAN_ac_mode_20MHz_ch64

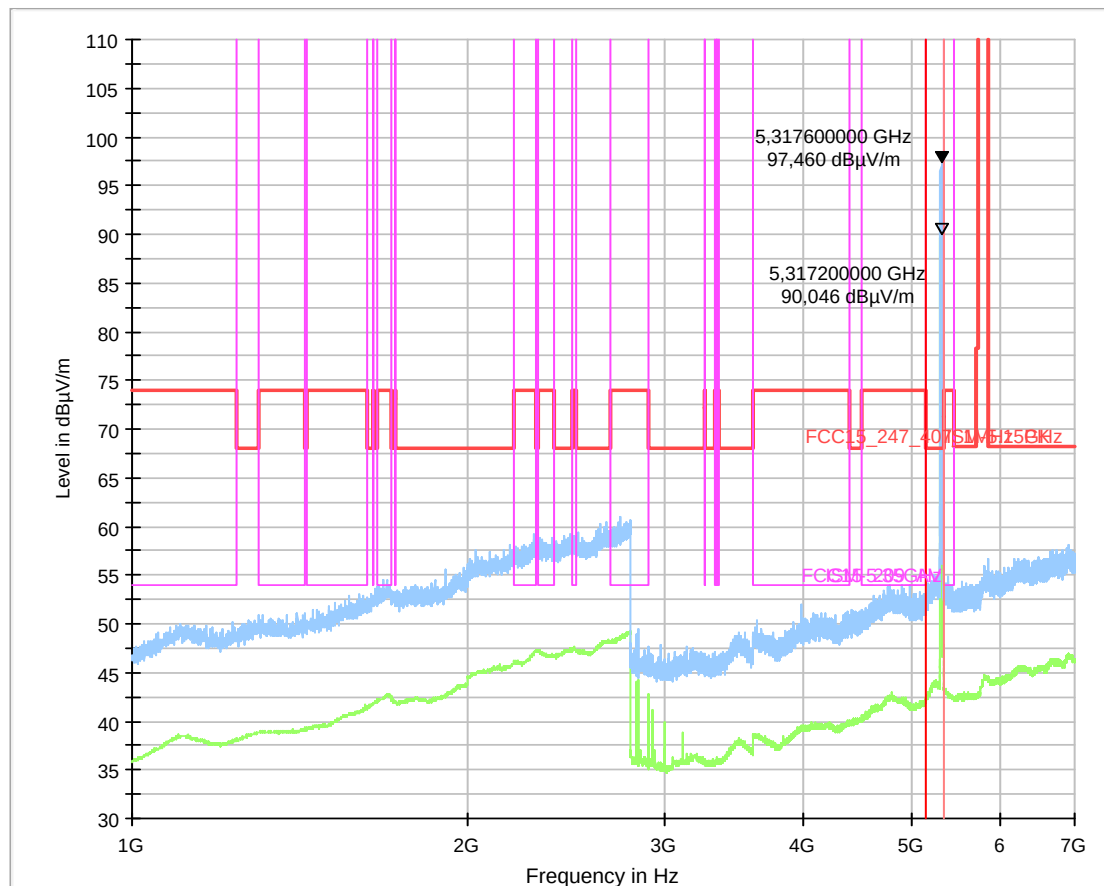
Common Information

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
EUT Position:	horizontal/vertical
Operation mode:	11ac 20MHz VHT_SS1_MCS0 64
Operator Name:	SLo

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum



4.70_WLAN_ac_mode_20MHz_ch100

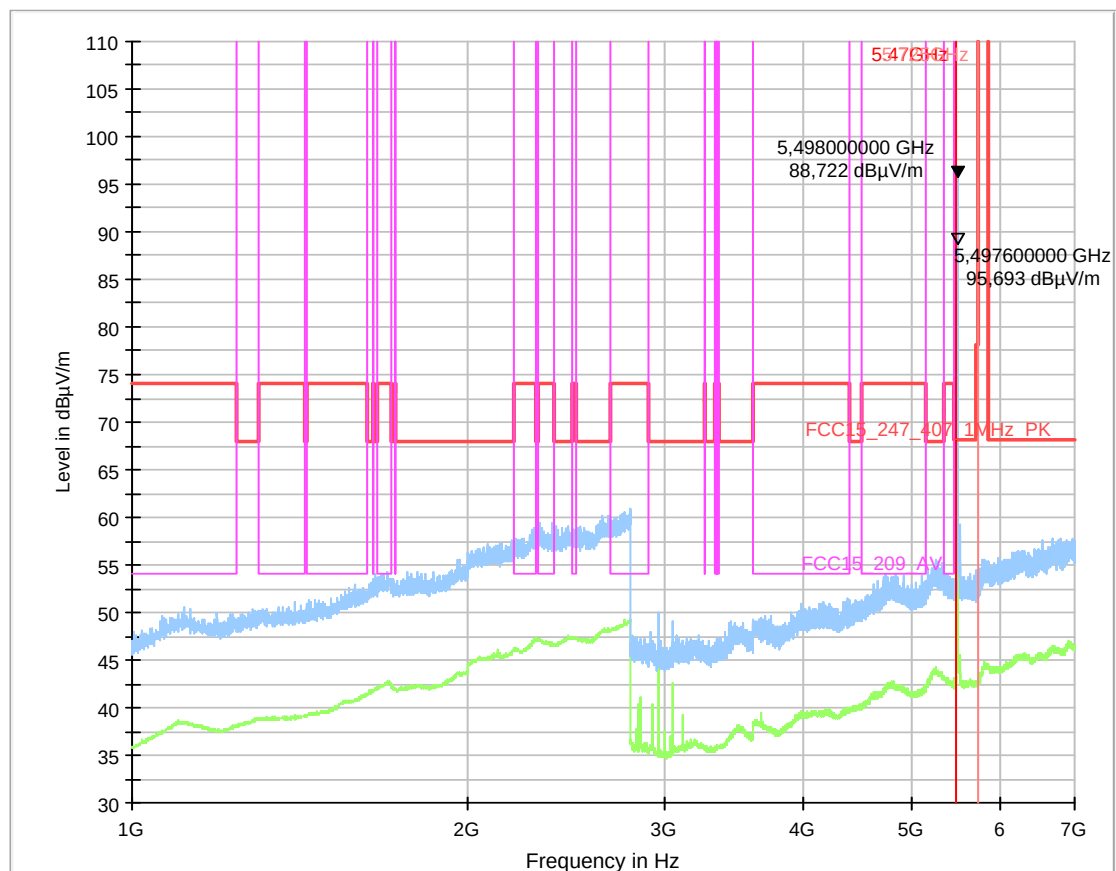
Common Information

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
Operation mode:	TX, continuous
Operator Name:	Lor
Comment:	Channel no. low/middle/high

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum



4.71_WLAN_ac_mode_20MHz_ch149

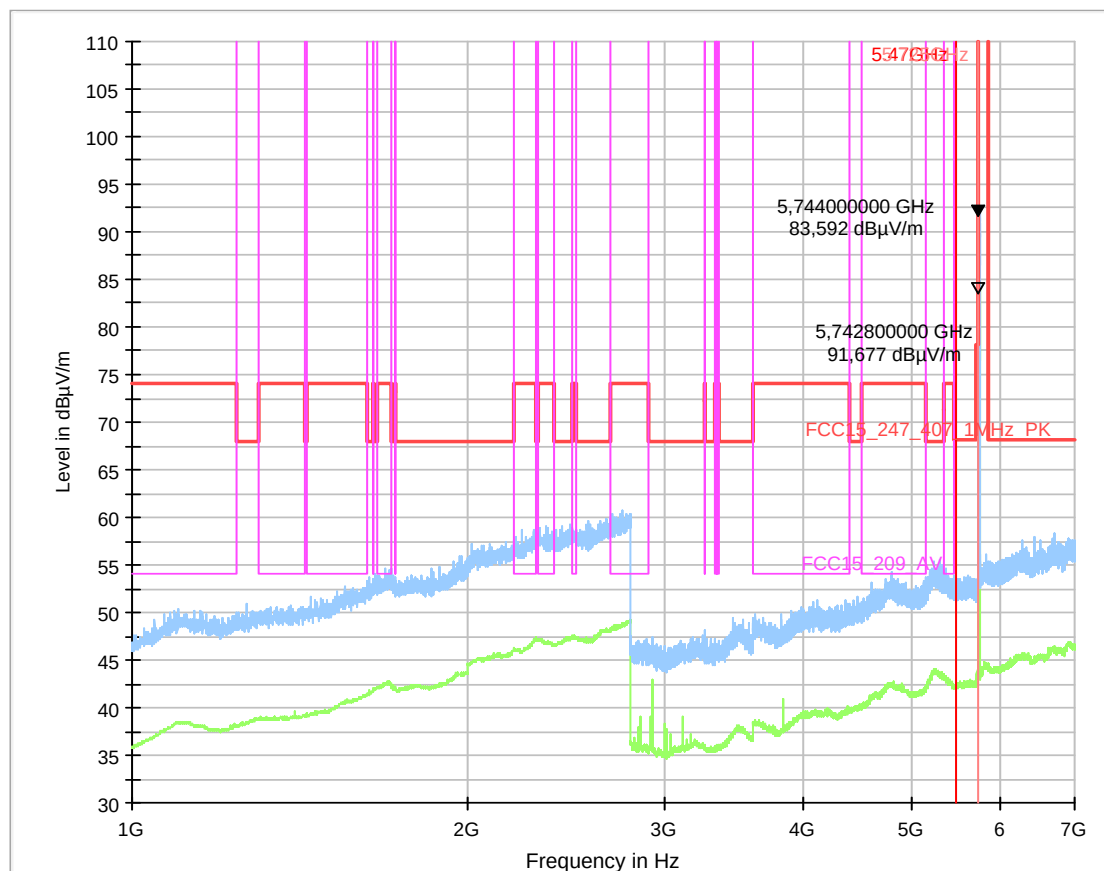
Common Information

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
EUT Position:	horizontal/vertical
Software Version:	#Ver
Operation mode:	TX, 11ac 20MHz VHT_SS1_MCS0 149
Operator Name:	SLo

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum



4.72_WLAN_n_mode_40MHz_ch46

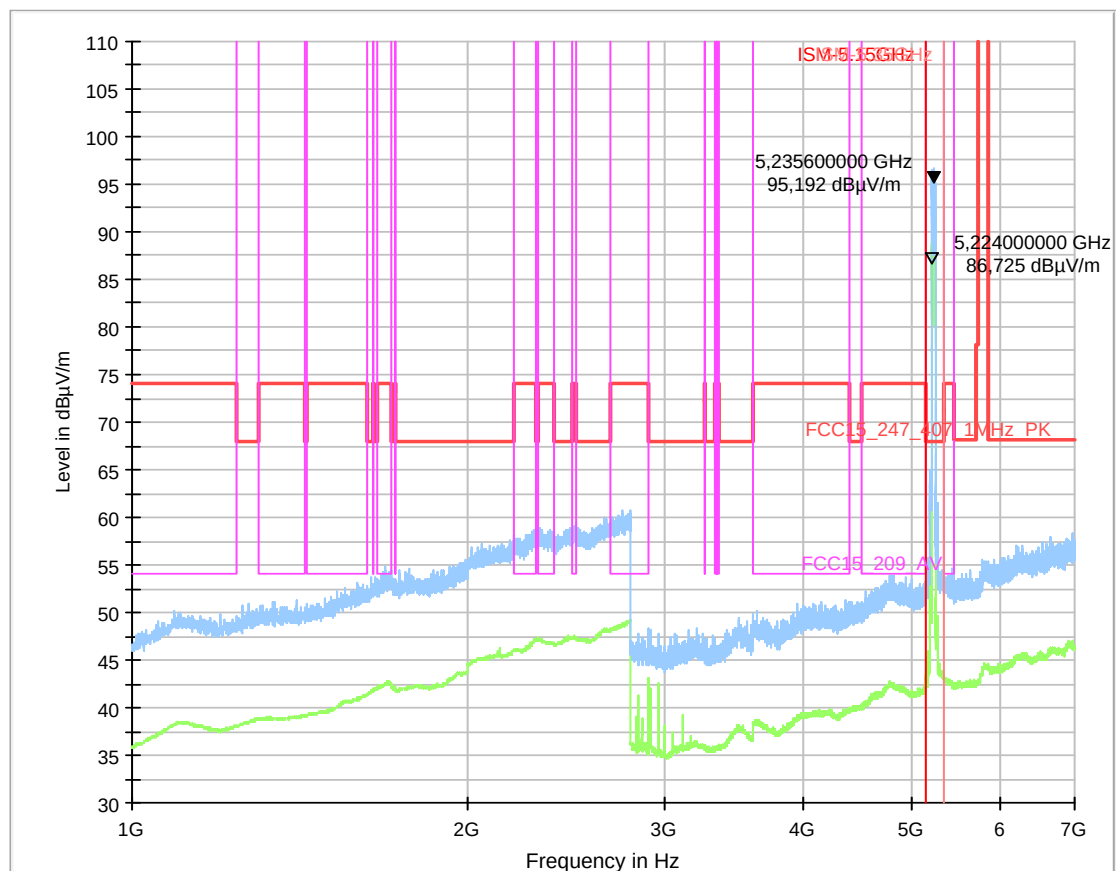
Common Information

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
EUT Position:	horizontal/vertical
Software Version:	#Ver
Operation mode:	TX, 11n 40MHz MCS1 46
Operator Name:	SLo

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum



4.73_WLAN_n_mode_40MHz_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
EUT Position:	horizontal/vertical
Software Version:	#Ver
Operation mode:	TX, 11n 40MHz MCS3 62
Operator Name:	SLo

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum

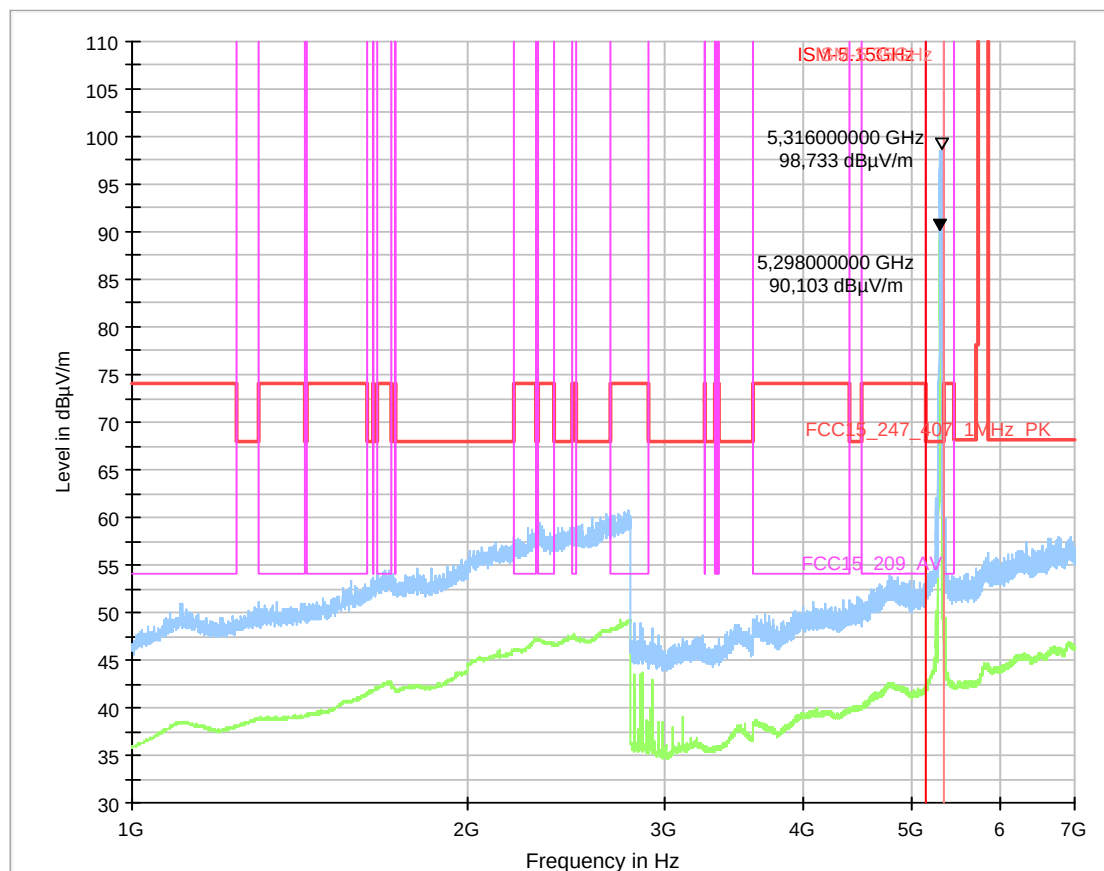


Diagram No.: 4.74_WLAN_n_mode_40MHz_ch102

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
EUT Position:	horizontal/vertical
Software Version:	#Ver
Operation mode:	11n 40MHz MCS1 102
Operator Name:	SLo

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum

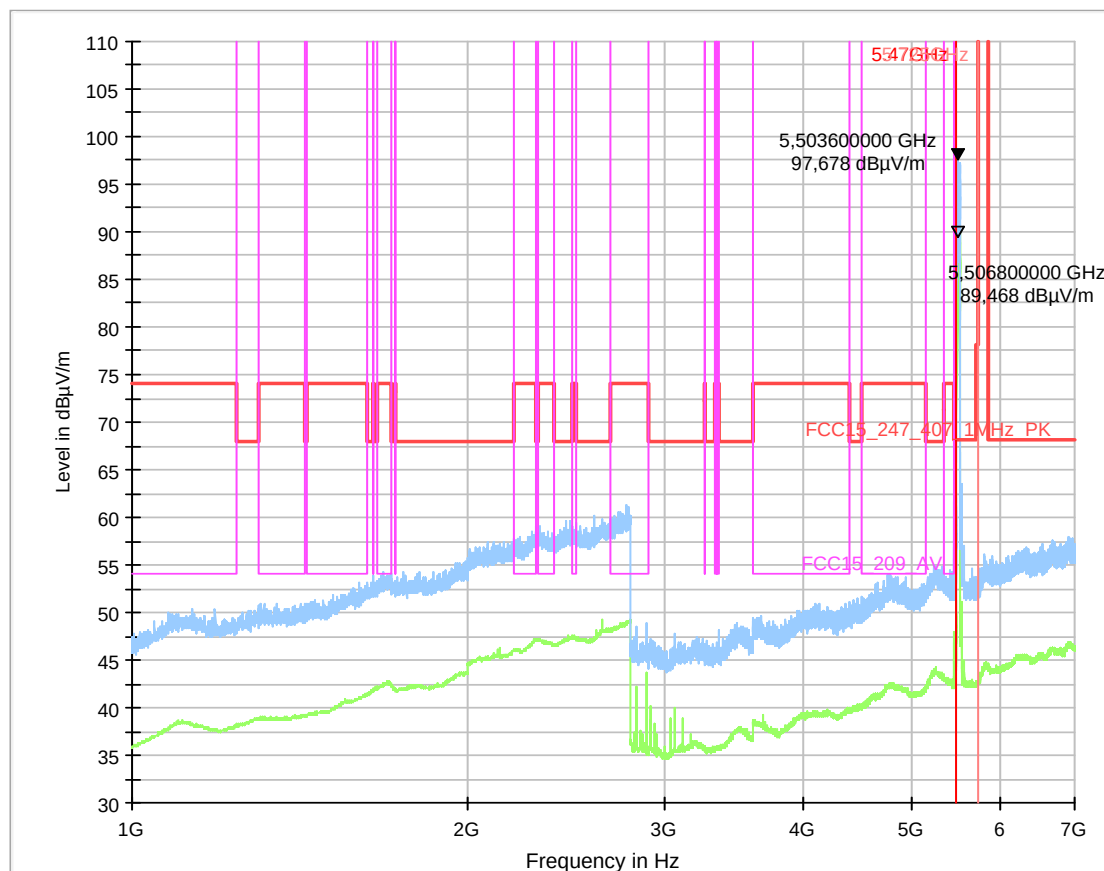


Diagram No.: 4.75_WLAN_n_mode_40MHz_ch151

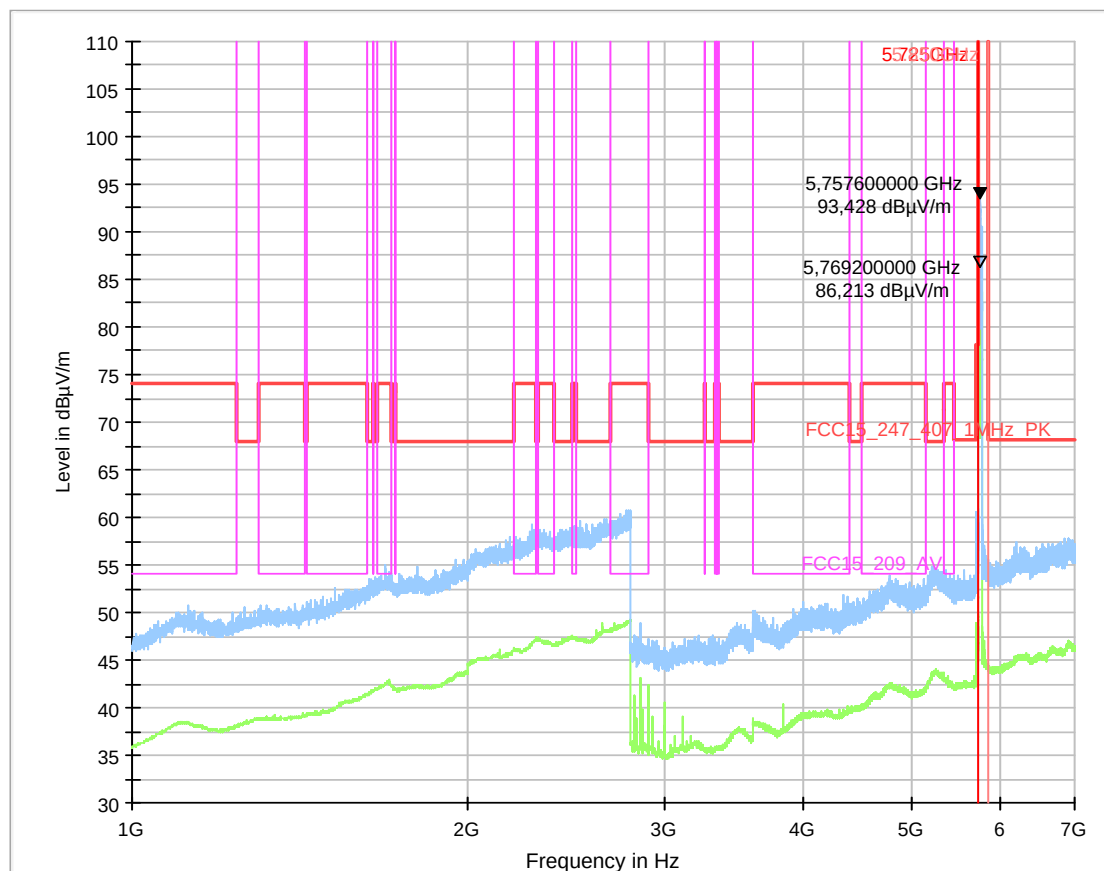
Common Information

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
EUT polarisation:	horizontal/vertical
Software Version:	#Ver
Operation mode:	TX, 11n 40MHz MCS5 151
Operator Name:	SLo

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum



2.4. Radiated Field Strength Emissions – 7 GHz to 18 GHz

4.51a_WLAN_ac_mode_80MHz_ch42

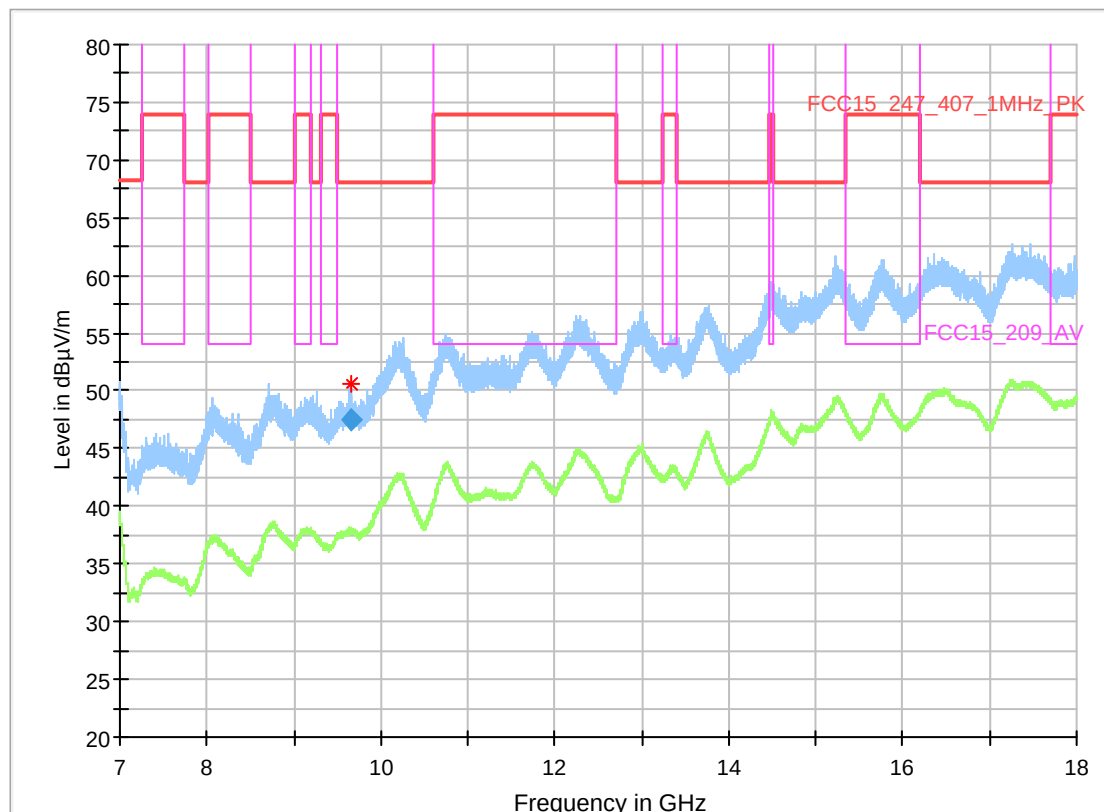
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operation mode:	11ac 80MHz VHT_SS1MCS0 42
Operator Name:	Mah
Comment:	

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum



Final_Result

Frequency (MHz)	MaxPeak (dB μ V/m)	RMS (dB μ V/m)	Limit (dB μ V/m)	Margi n (dB)	Meas. Time (ms)	Bandwidth (kHz)	Heigh t (cm)	Pol	Azimuth (deg)	Elevatio n (deg)
9647.800000	47.43	---	68.00	20.57	100.0	1000.000	155.0	V	14.0	0.0

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

Frequency (MHz)	Corr .	Comment
9647.800000	13.2	08:59:21 - 20.06.2017

4.52a_WLAN_ac_mode_80MHz_ch58

Common Information

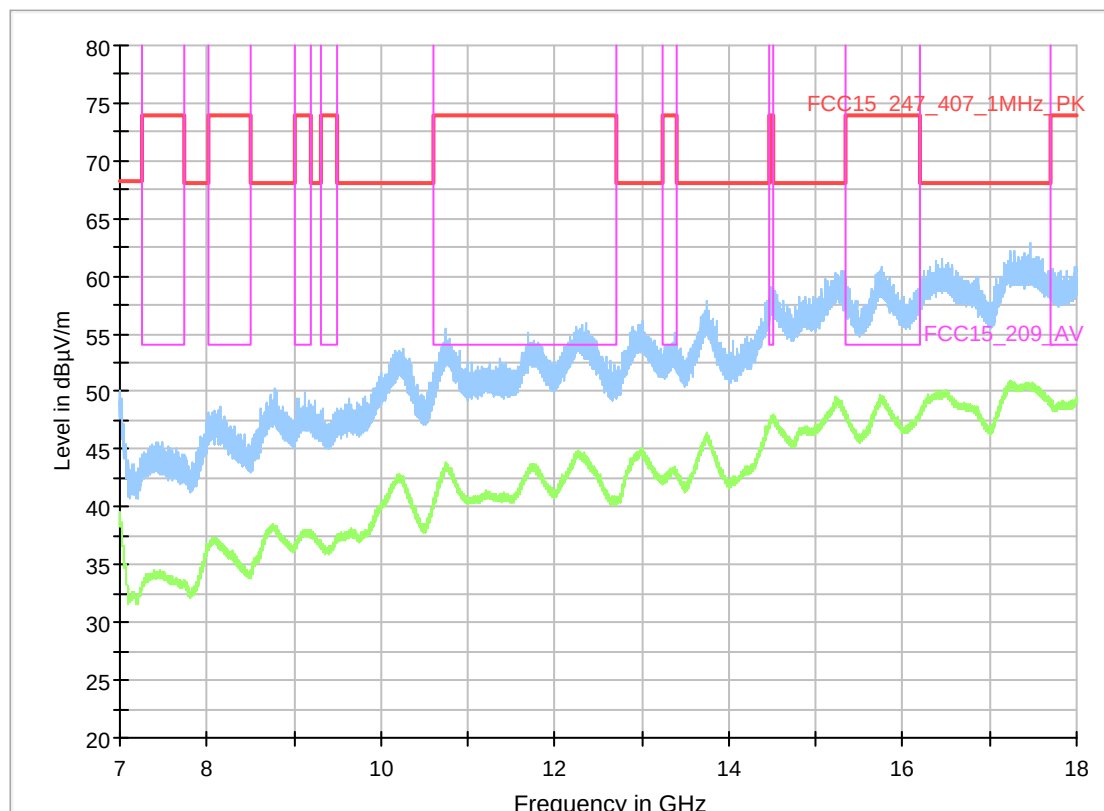
Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operation mode:	11ac 80MHz VHT_SS1MCS0 58
Operator Name:	Klv

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-

EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum



4.53a_WLAN_ac_mode_80MHz_ch106

Common Information

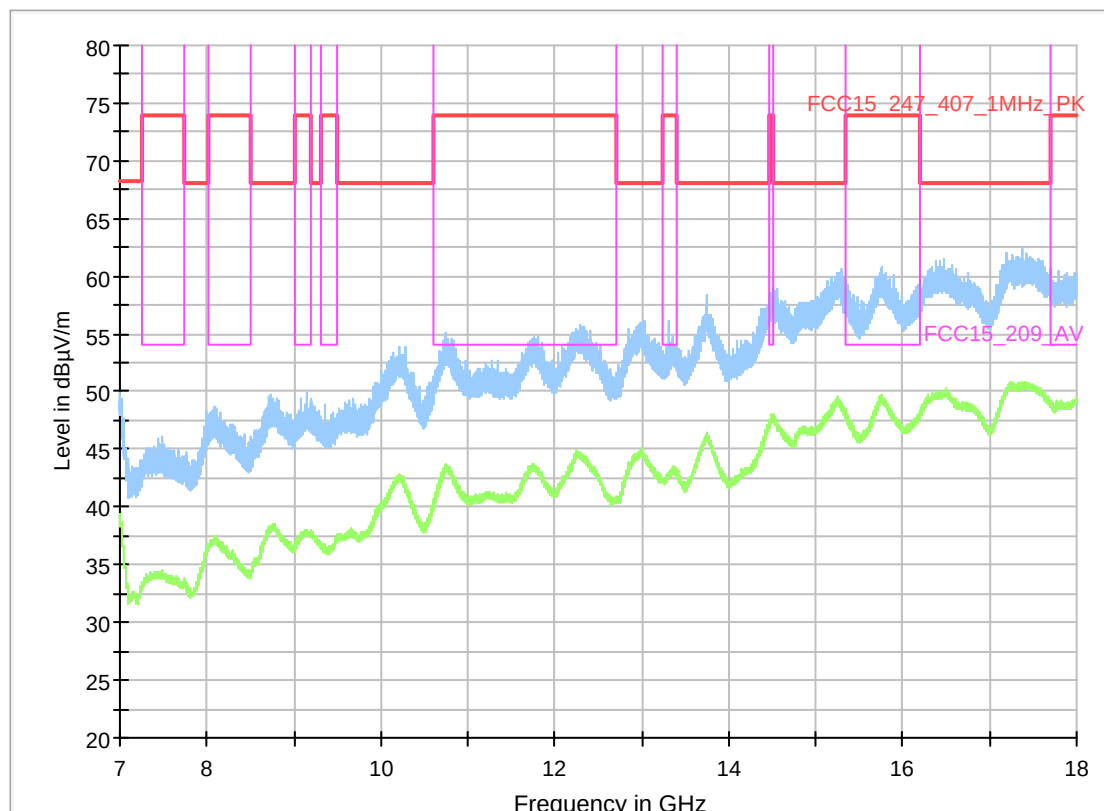
Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operation mode:	11ac 80MHz VHT_SS1MCS0 106
Operator Name:	Klv

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-

EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum



4.54a_WLAN_ac_mode_80MHz_ch122

Common Information

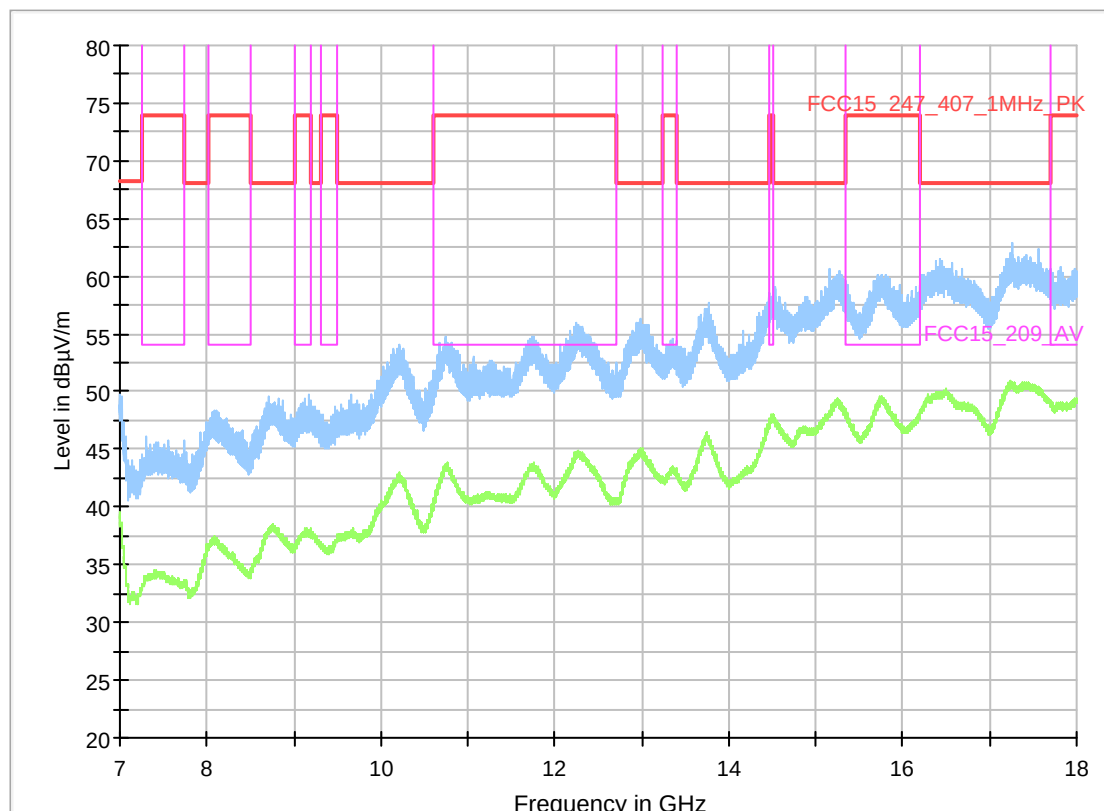
Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operation mode:	11ac 80MHz VHT_SS1MCS0 122
Operator Name:	Klv

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-

EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum



4.55a_WLAN_ac_mode_80MHz_ch155**Common Information**

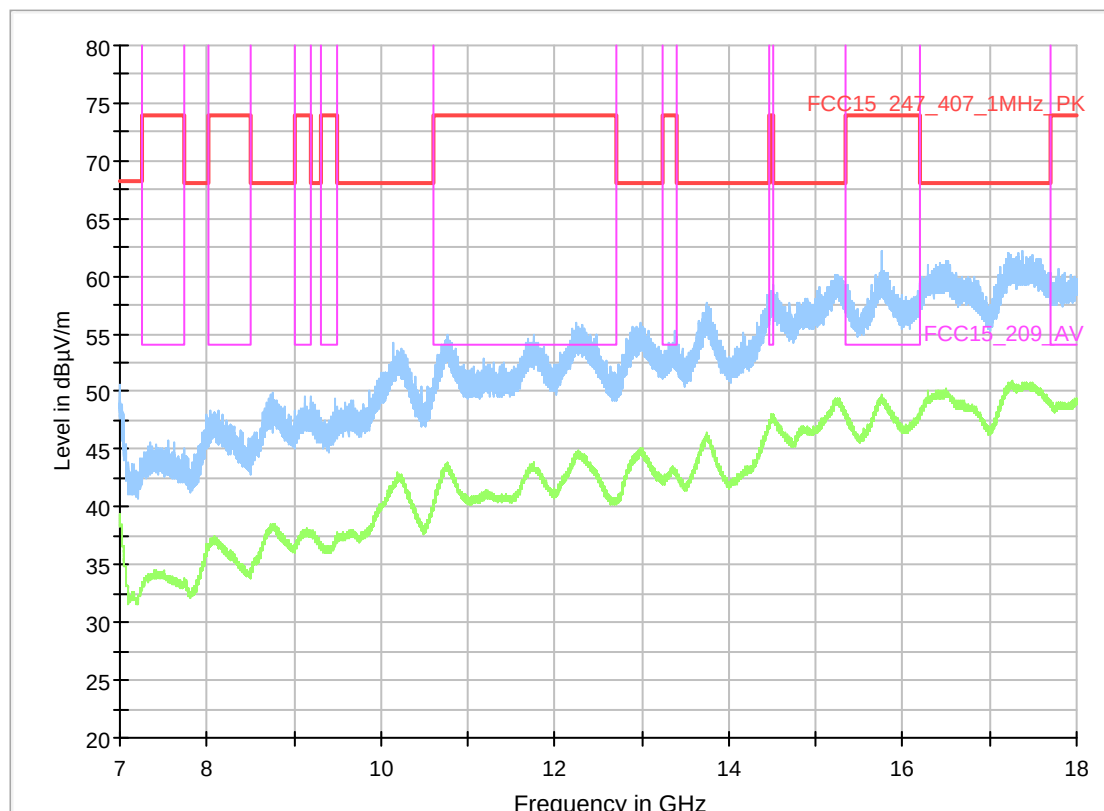
Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operation mode:	11ac 80MHz VHT_SS1MCS0 155
Operator Name:	Klv

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-

EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum



4.56a_WLAN_ac_mode_40MHz_ch46

Common Information

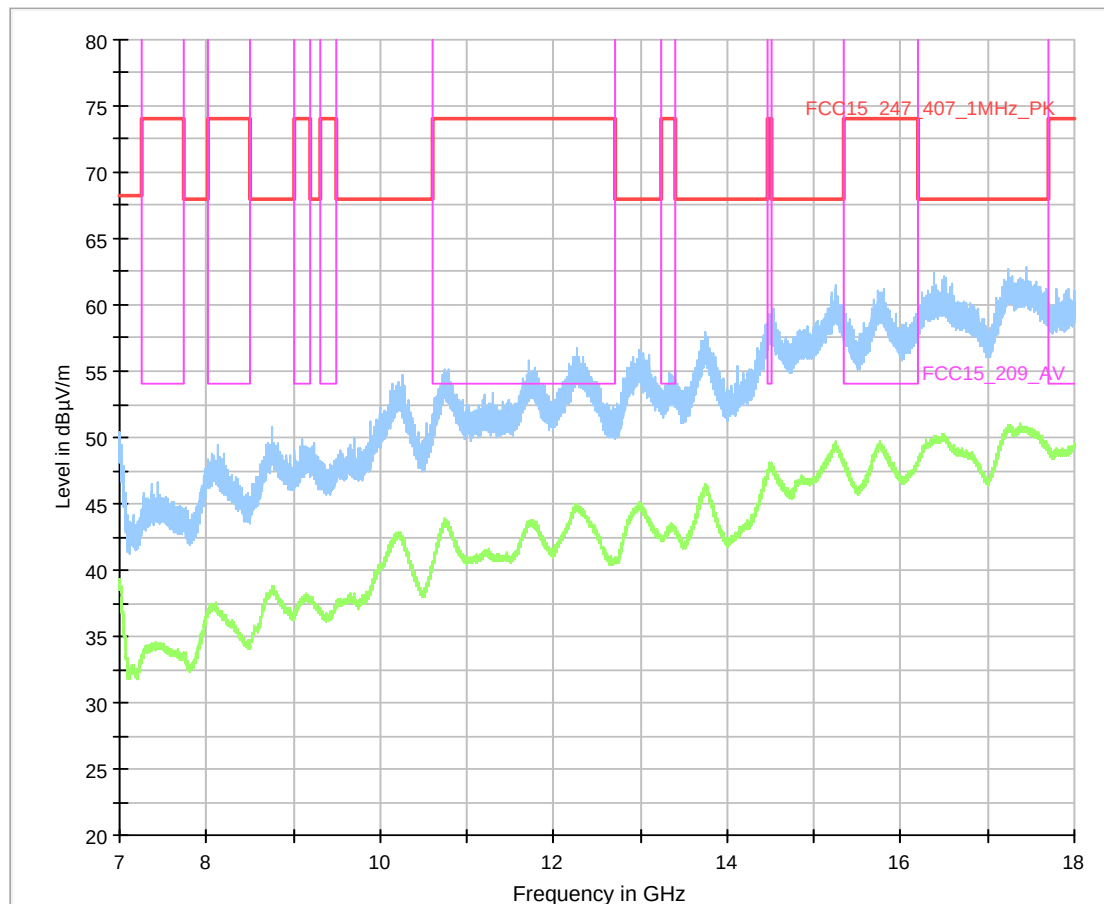
Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operation mode:	11ac 40MHz VHT_SS1_MCS6 46
Operator Name:	Klv

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-

EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum



4.57a_WLAN_ac_mode_40MHz_ch62

Common Information

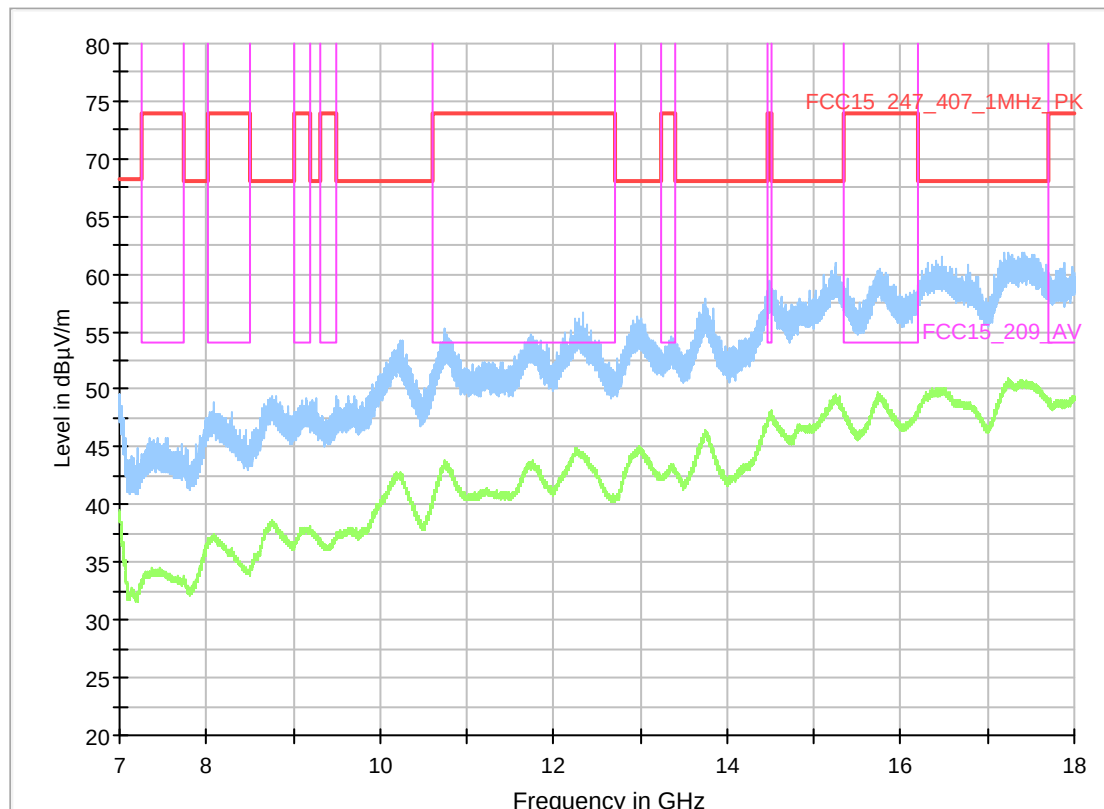
Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operation mode:	11ac 40MHz VHT_SS1_MCS6 62
Operator Name:	Klv

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-

EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum



4.58a_WLAN_ac_mode_40MHz_ch134**Common Information**

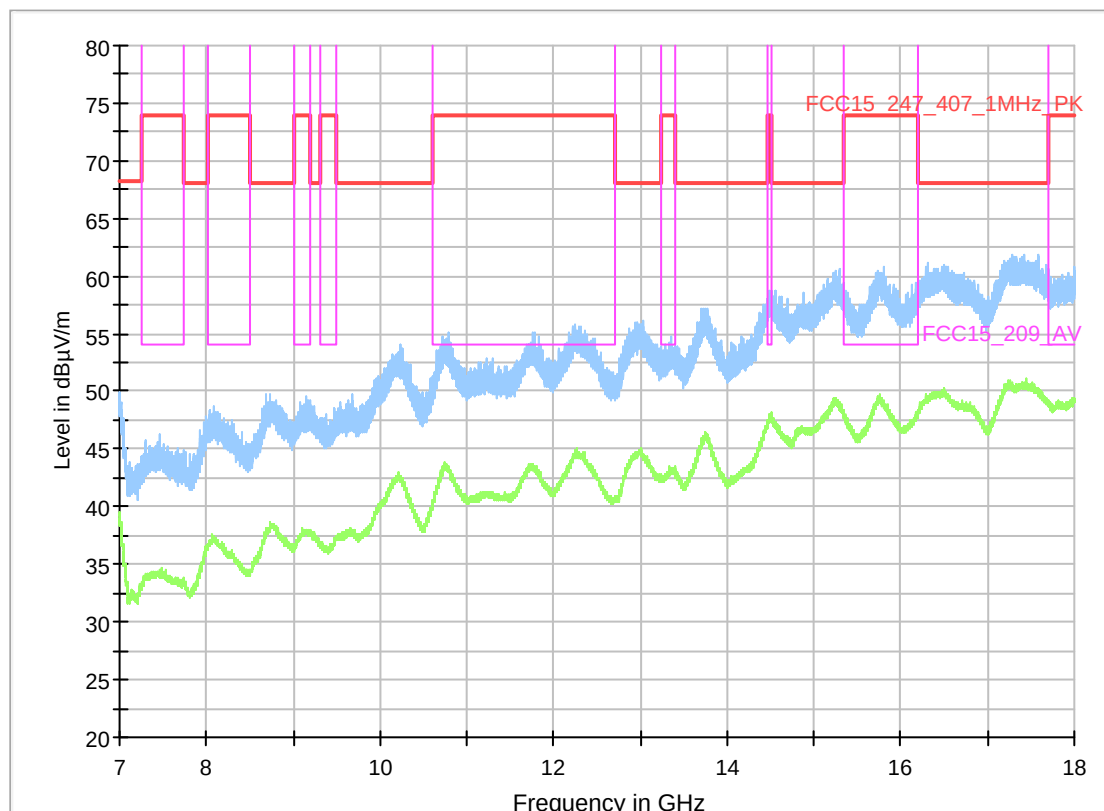
Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operation mode:	11ac 40MHz VHT_SS1_MCS6 134
Operator Name:	Klv

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-

EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum



4.59a_WLAN_ac_mode_40MHz_ch159

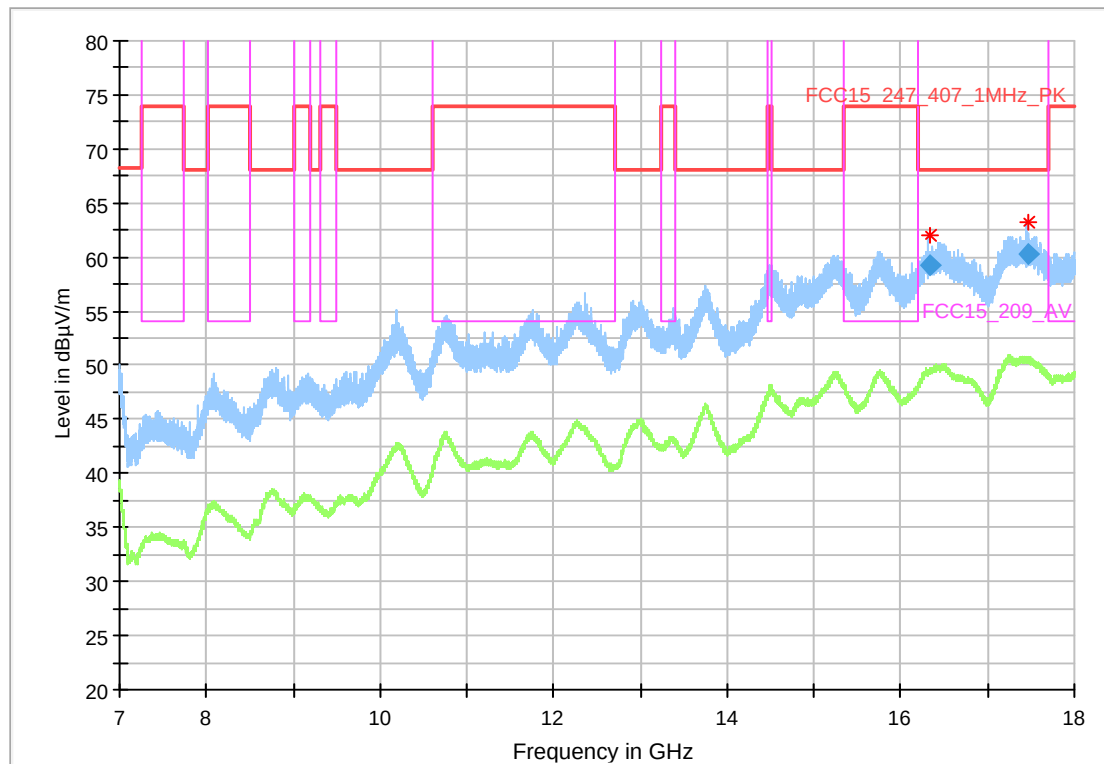
Common Information

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
Operation mode:	11ac 40MHz VHT_SS1_MCS6 159
Operator Name:	Klv

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum



Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Correction (dB)
16333.000000	59.23	68.00	8.77	100.0	1000.000	155.0	V	52.0	90.0	24.5
17462.200000	60.30	68.00	7.70	100.0	1000.000	155.0	H	120.0	90.0	25.3

4.60a_WLAN_a_mode_20MHz_ch48**Common Information**

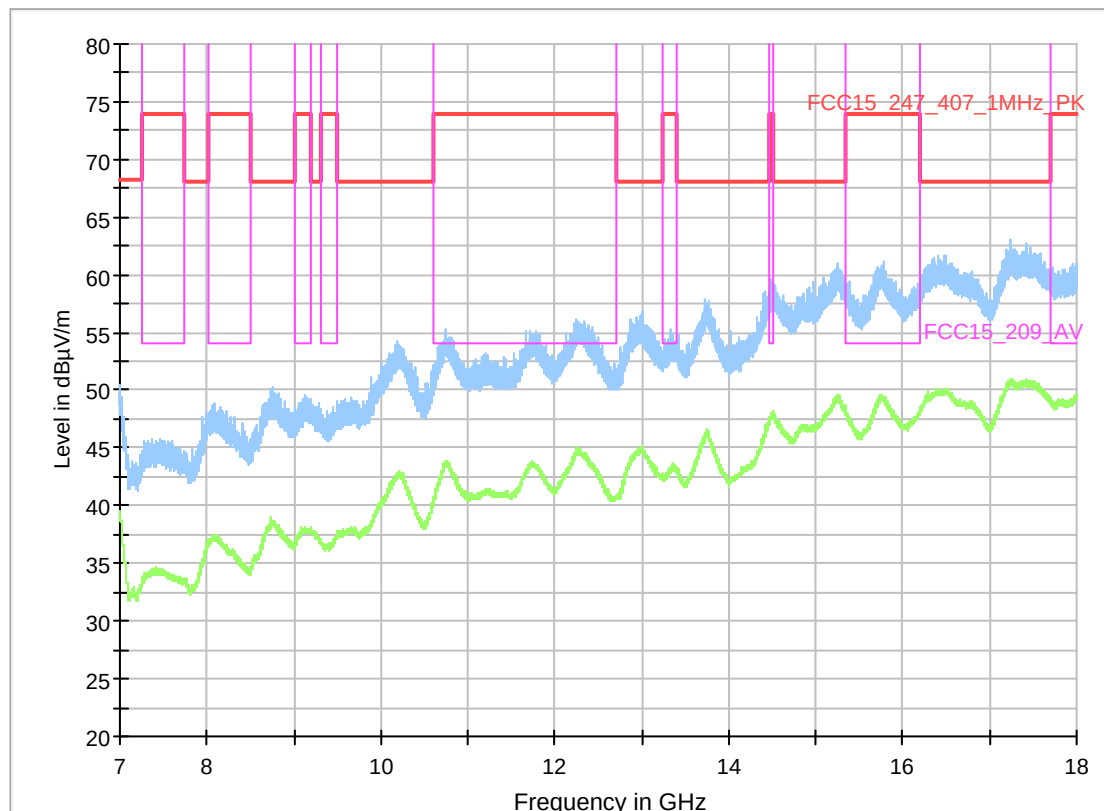
Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operation mode:	TX, continuous
Operator Name:	MBe
Comment:	11a 20MHz 6 Mbit 48

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-

EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum



4.61a_WLAN_a_mode_20MHz_ch64

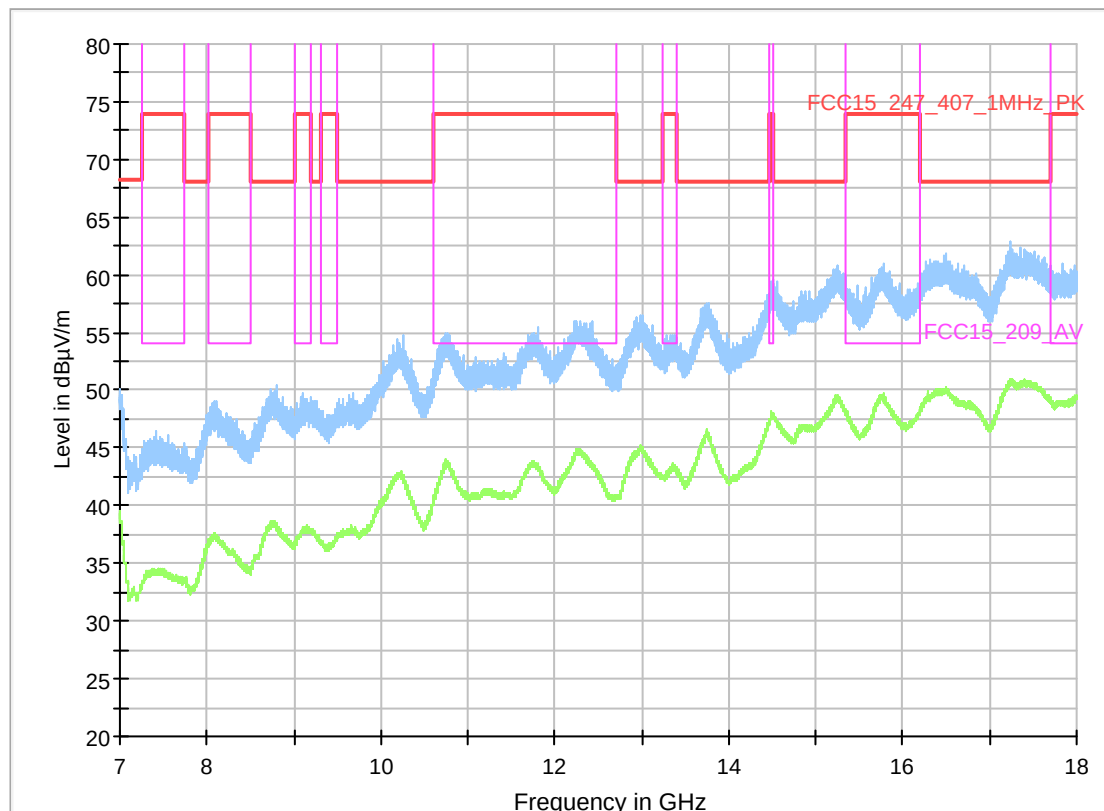
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operation mode:	TX, continuous
Operator Name:	MBe
Comment:	11a 20MHz 6 Mbit 64

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum



4.62a_WLAN_a_mode_20MHz_ch140

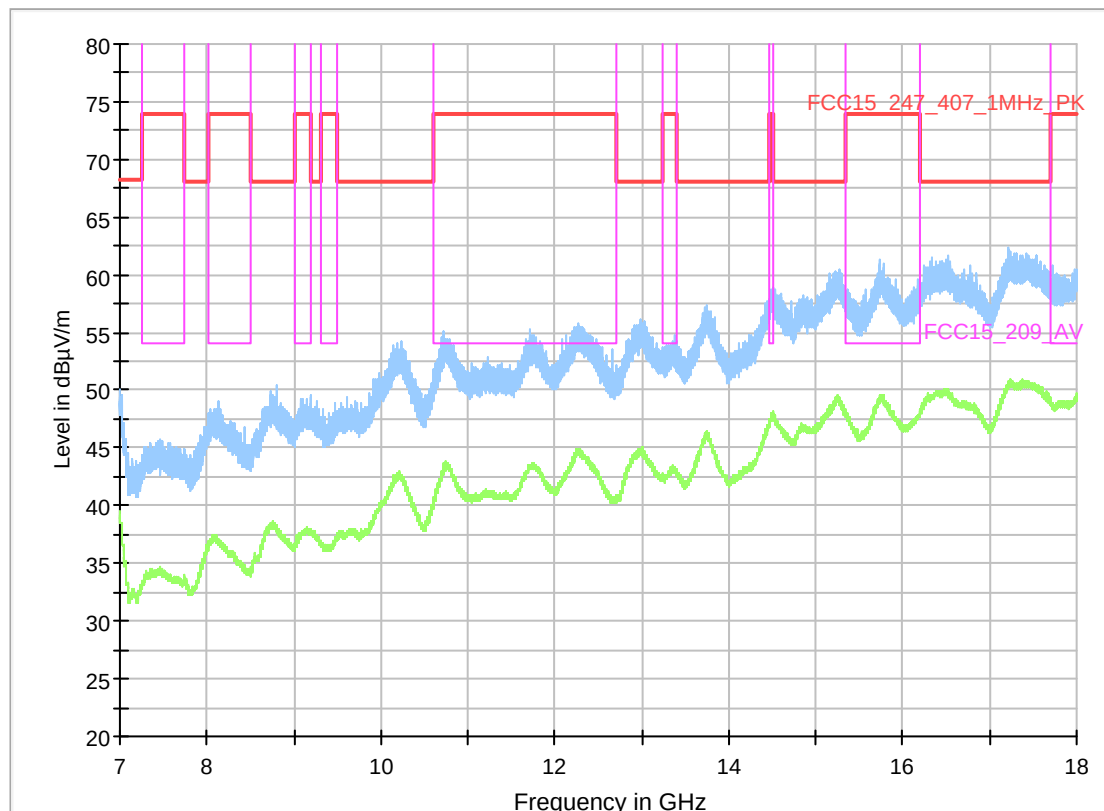
Common Information

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
Operation mode:	TX, continuous
Operator Name:	MBe
Comment:	11a 20MHz 6 Mbit 64

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum



4.63a_WLAN_a_mode_20MHz_ch165

Common Information

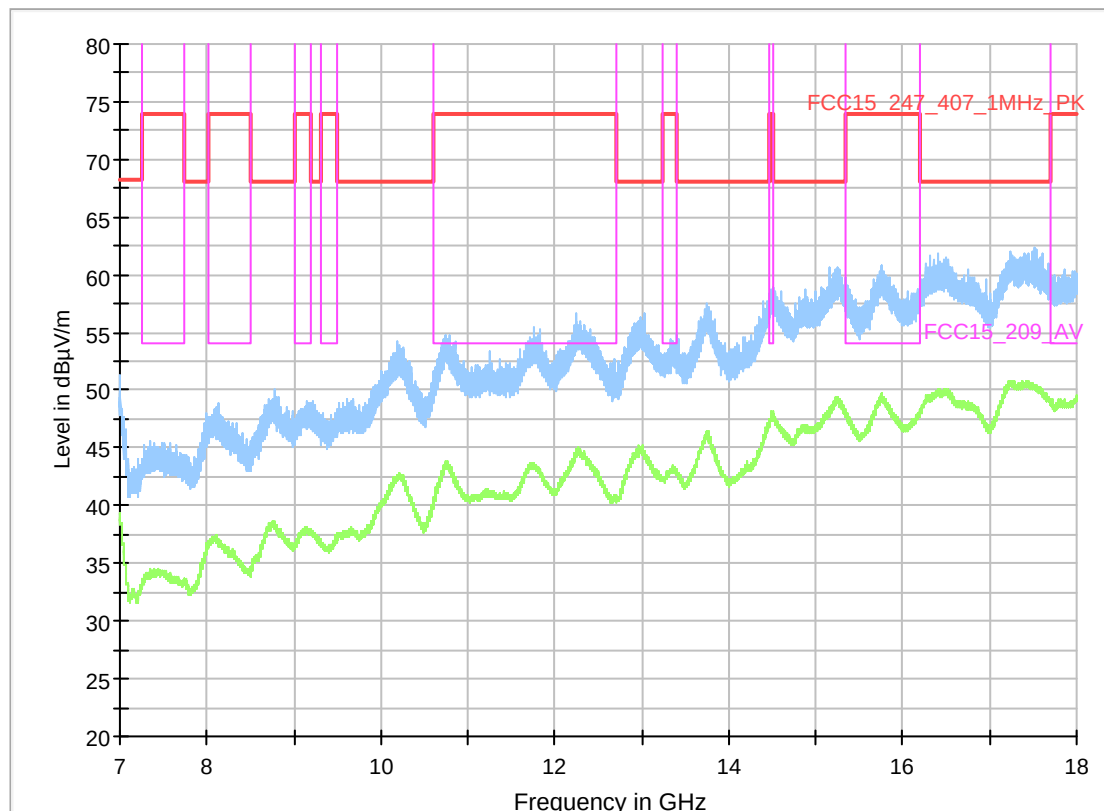
Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operation mode:	TX, continuous
Operator Name:	MBe
Comment:	11a 20MHz 6 Mbit 165

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-

EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum



4.64a_WLAN_n_mode_20MHz_ch48

Common Information

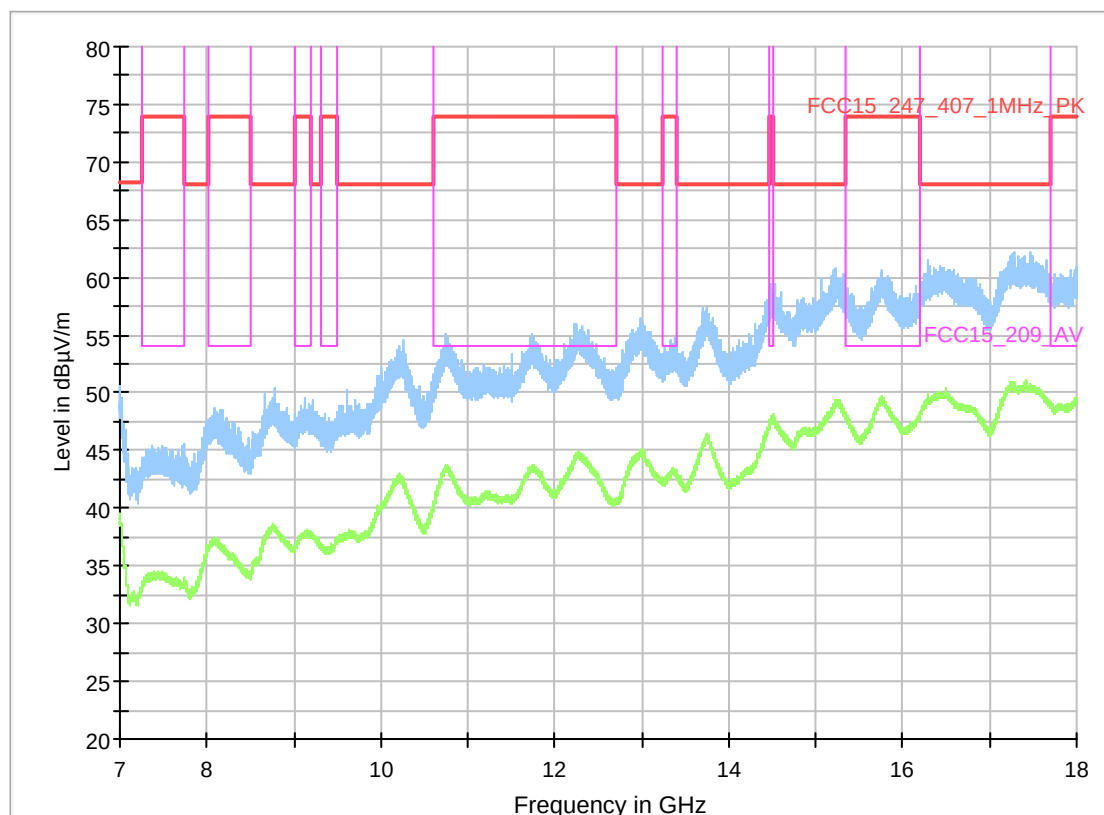
Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operation mode:	TX, continuous
Operator Name:	MBe
Comment:	11n 20MHz MCS 0 48

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-

EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum



4.65a_WLAN_n_mode_20MHz_ch64

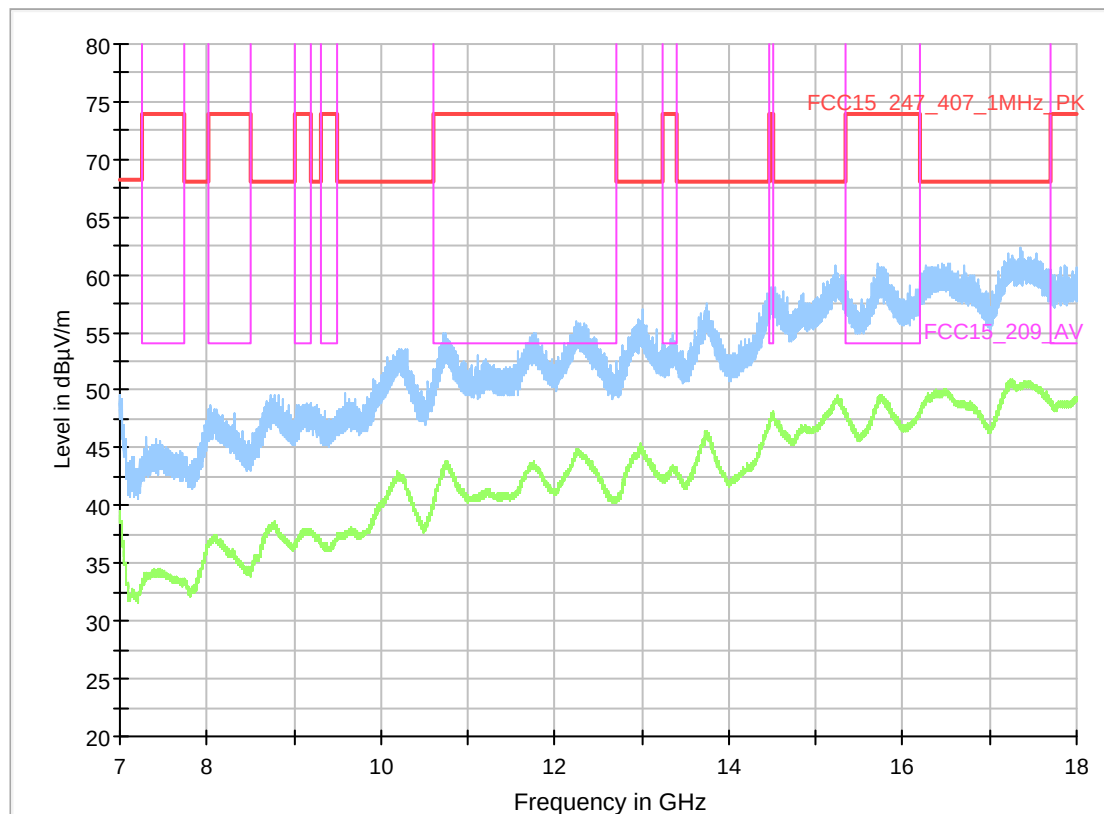
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operation mode:	TX, continuous
Operator Name:	MBe
Comment:	11n 20MHz MCS 0/64

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum



4.66a_WLAN_n_mode_20MHz_ch100

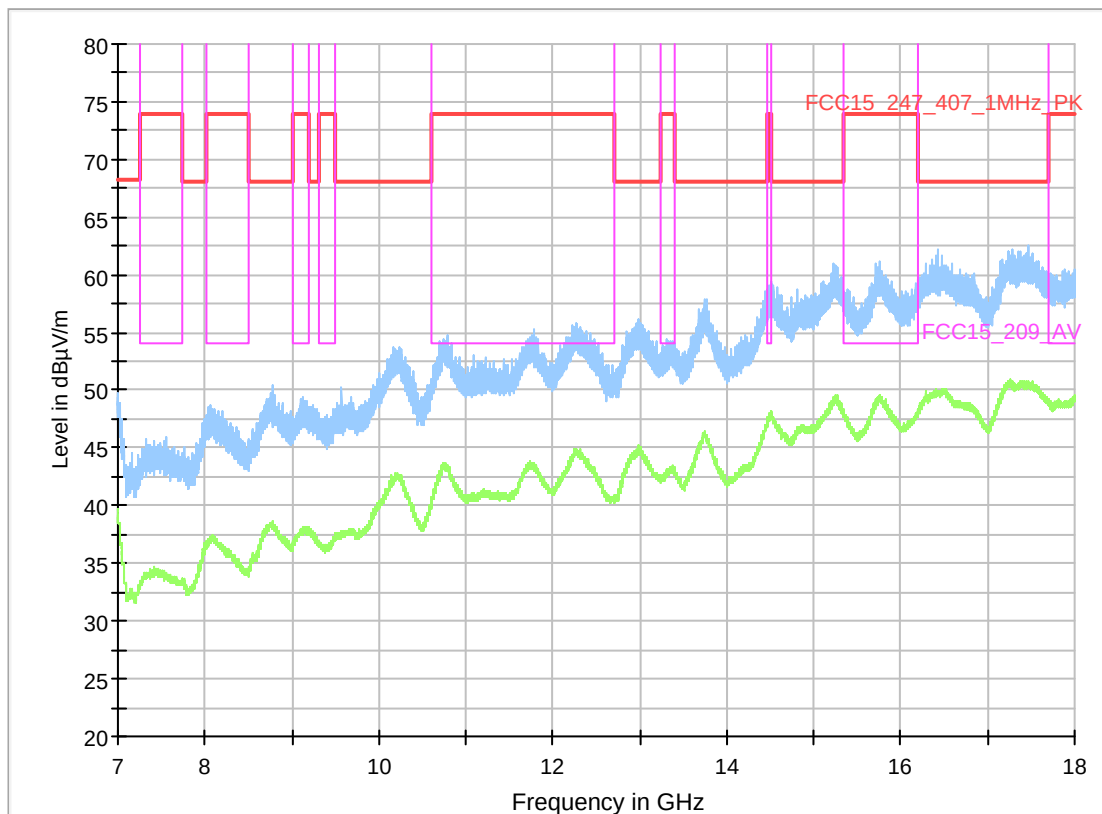
Common Information

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
Operation mode:	TX, continuous
Operator Name:	MBe
Comment:	11n 20MHz MCS 0/64

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum



4.67a_WLAN_n_mode_20MHz_ch165

Common Information

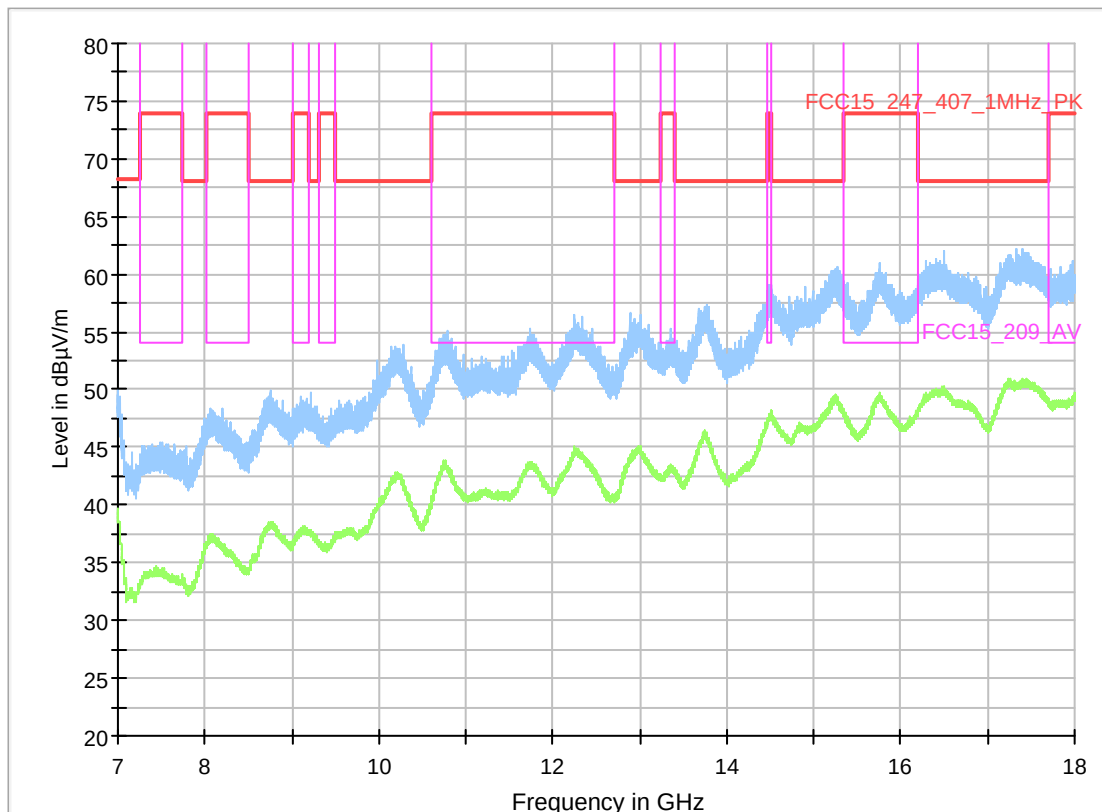
Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operation mode:	11n 20MHz MCS 0 165
Operator Name:	Klv

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-

EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum



4.68a_WLAN_ac_mode_20MHz_ch48

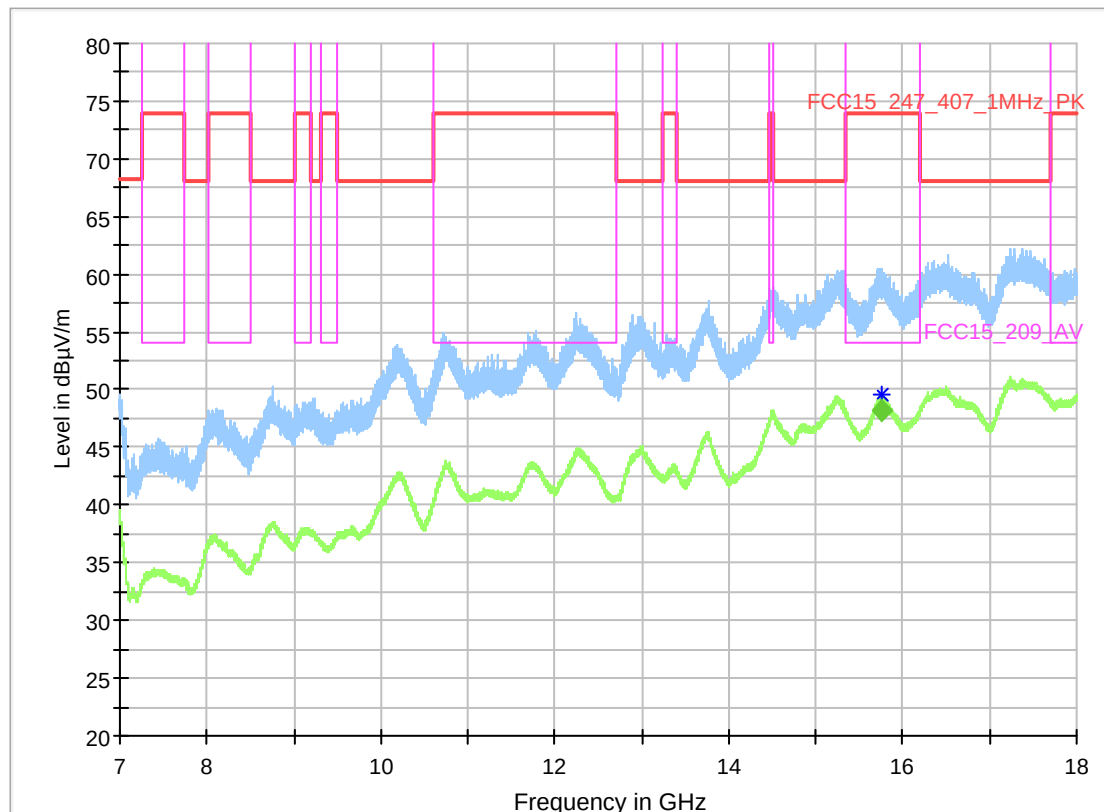
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operation mode:	11ac 20MHz VHT_SS1_MCS0/48
Operator Name:	Klv

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum



Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Correction (dB)
15749.400000	---	54.00	5.80	100.0	1000.000	155.0	H	283.0	0.0	24.5

4.69a_WLAN_ac_mode_20MHz_ch64

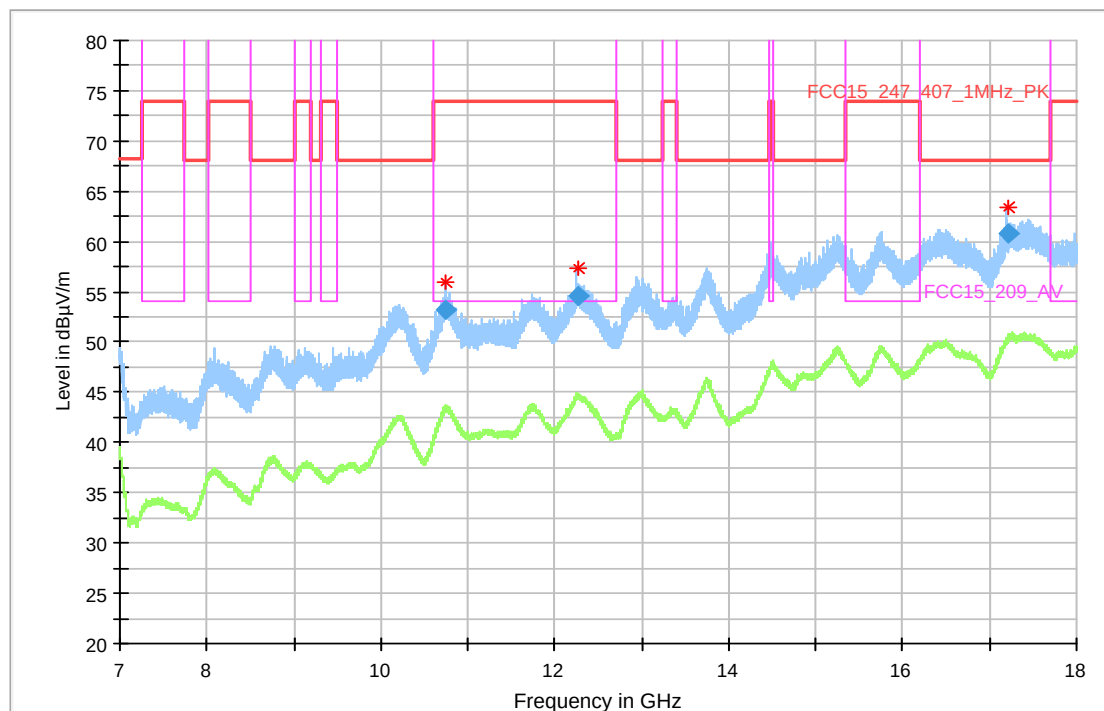
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operation mode:	11ac 20MHz VHT_SS1_MCS0 64
Operator Name:	Klv

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum



Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Correction (dB)
10743.400000	53.23	74.00	20.77	100.0	1000.000	155.0	V	257.0	90.0	19.2
12259.400000	54.56	74.00	19.44	100.0	1000.000	155.0	H	95.0	0.0	19.2
17209.000000	60.76	68.00	7.24	100.0	1000.000	155.0	H	318.0	0.0	25.1

4.70a_WLAN_ac_mode_20MHz_ch100

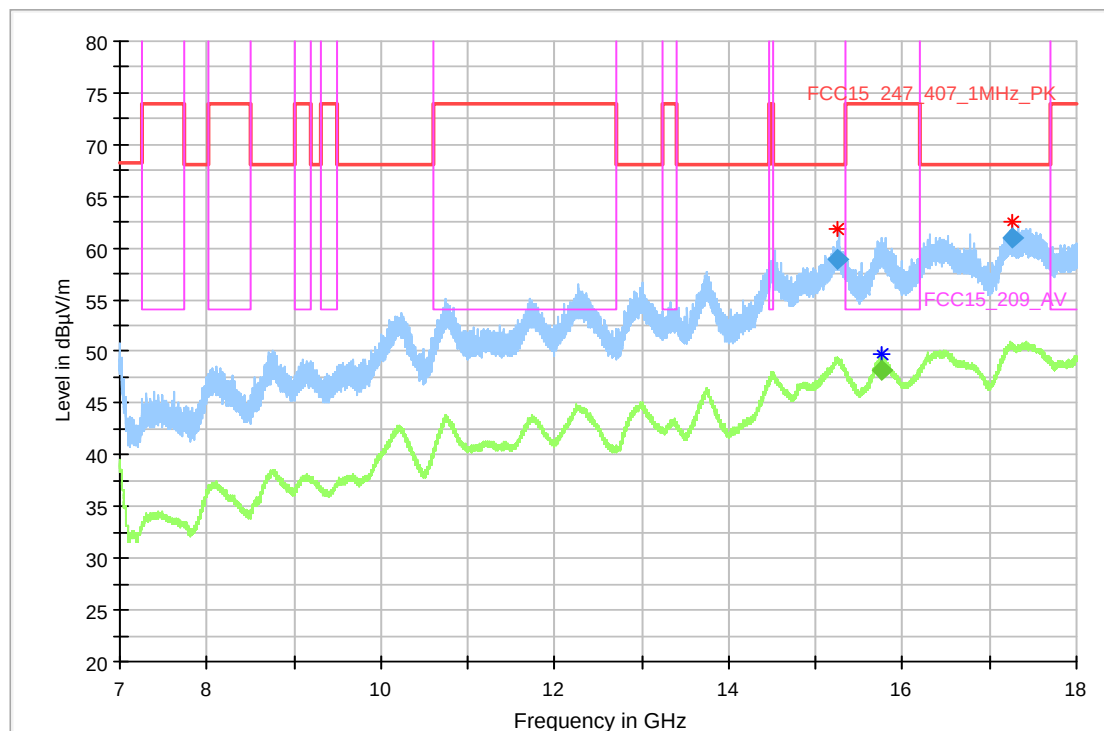
Common Information

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
Operation mode:	11ac 20MHz VHT_SS1_MCS0 100
Operator Name:	Klv

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum



Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
15252.600000	58.84	68.00	9.16	100.0	1000.000	155.0	V	247.0	90.0	24.1
15759.800000	---	54.00	5.86	100.0	1000.000	155.0	H	-14.0	0.0	24.4
17261.800000	60.92	68.00	7.08	100.0	1000.000	155.0	V	170.0	0.0	25.6

4.71a_WLAN_ac_mode_20MHz_ch149

Common Information

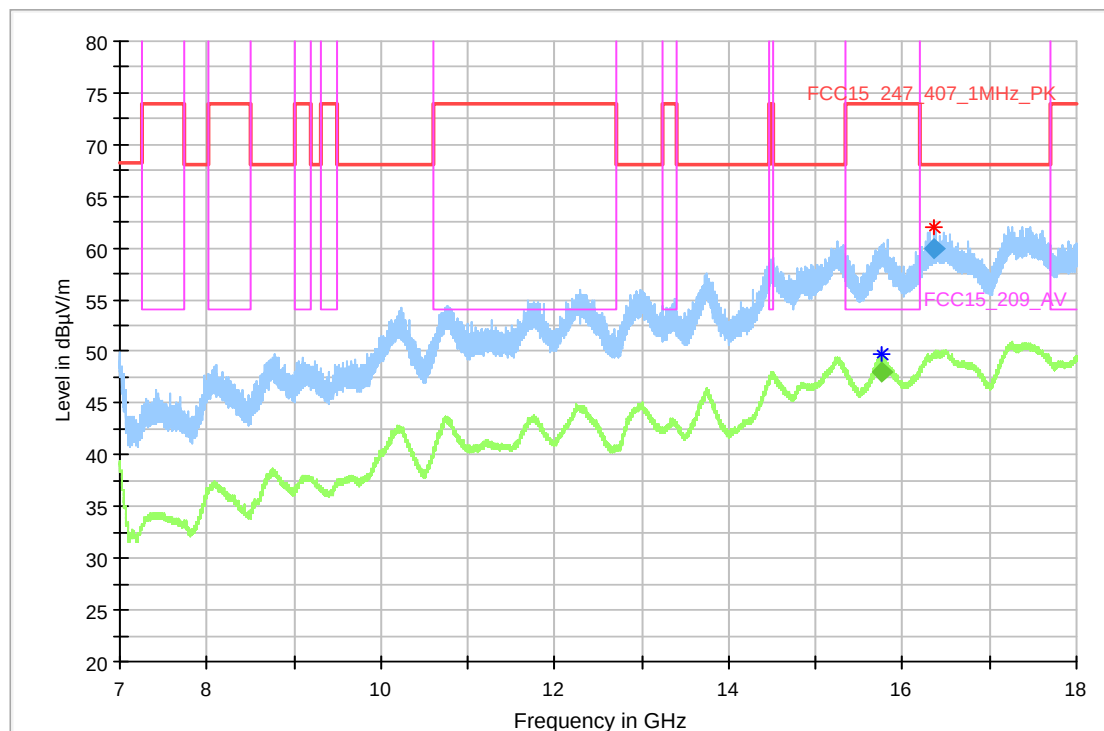
Test Description: Radiated field strength emission in 3m distance
 Test Site: CETECOM GmbH Essen
 Test Standard: FCC 15.407&15.209 Intentional Radiator
 Antenna polarisation: horizontal/vertical
 Software Version: #Ver
 Operation mode: 11ac 20MHz | VHT_SS1_MCS0|149
 Operator Name: Klv

EUT Information

Manufacturer: Robert Bosch Car Multimedia GmbH
 Model: AIVIP32R0
 Type: -

 EUT: -
 HW version: 001
 SW version: X128
 SVN: -
 Config: -
 Serial number: 259157FH0A
 Connected Interfaces: -
 Power Supply: 15VDC
 Comments: -

Full Spectrum



Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
15762.600000	---	54.00	5.90	100.0	1000.000	155.0	V	57.0	0.0	24.4
16351.400000	59.86	68.00	8.14	100.0	1000.000	155.0	V	92.0	90.0	24.6

4.72a_WLAN_n_mode_40MHz_ch46

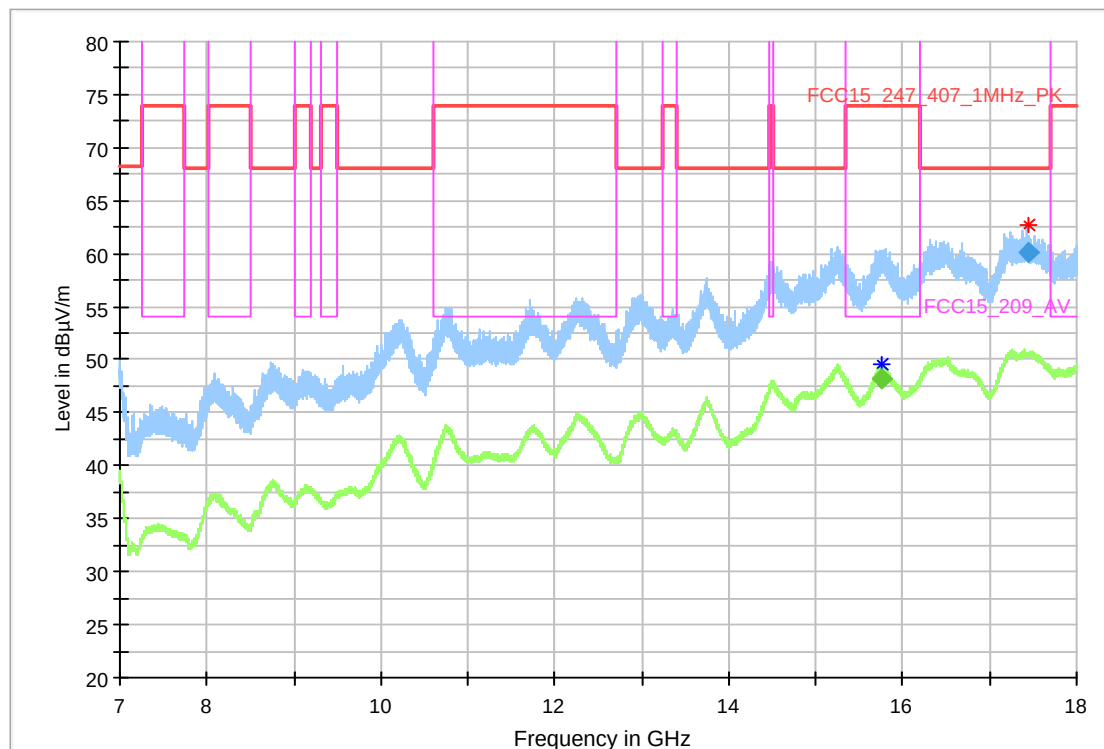
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operation mode:	11n 40MHz MCS1 46
Operator Name:	Klv

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum



Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
15752.200000	---	54.00	5.84	100.0	1000.000	155.0	H	179.0	0.0	24.5
17441.000000	60.07	68.00	7.93	100.0	1000.000	155.0	H	185.0	0.0	25.4

4.73a_WLAN_n_mode_40MHz_ch62

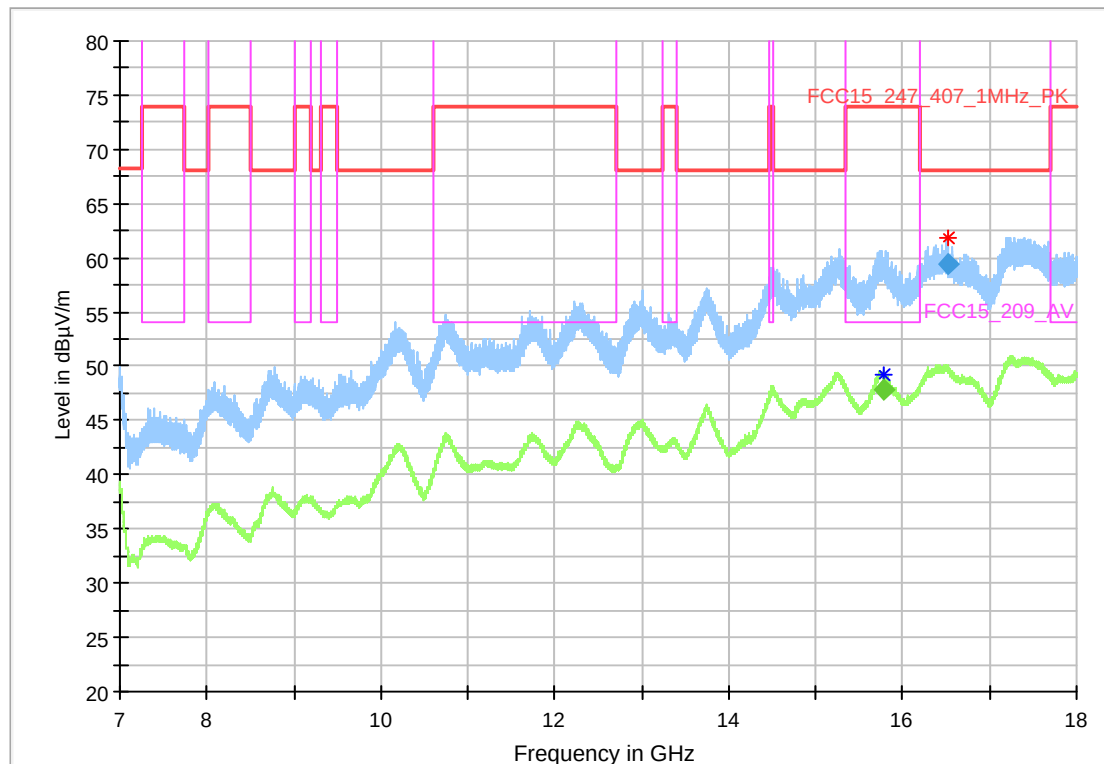
Common Information

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
Operation mode:	11n 40MHz MCS3 62
Operator Name:	Klv

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum



Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Correction (dB)
15793.000000	---	54.00	6.16	100.0	1000.000	155.0	H	9.0	90.0	24.1
16515.000000	59.39	68.00	8.61	100.0	1000.000	155.0	V	247.0	90.0	25.1

4.74a_WLAN_n_mode_40MHz_ch102

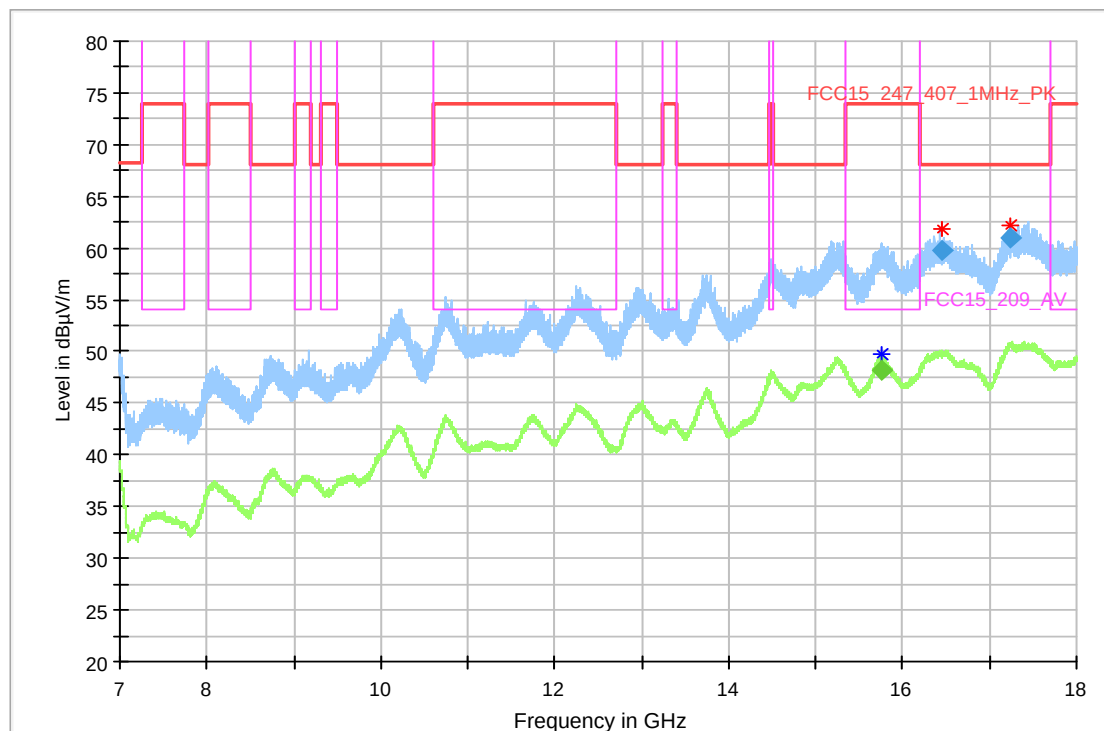
Common Information

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
Operation mode:	11n 40MHz MCS1 102
Operator Name:	Klv

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum



Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Correction (dB)
15758.600000	---	54.00	5.85	100.0	1000.000	155.0	V	78.0	90.0	24.4
16447.800000	59.76	68.00	8.24	100.0	1000.000	155.0	V	2.0	0.0	25.1
17230.600000	60.91	68.00	7.09	100.0	1000.000	155.0	H	226.0	0.0	25.4

4.75a_WLAN_n_mode_40MHz_ch151

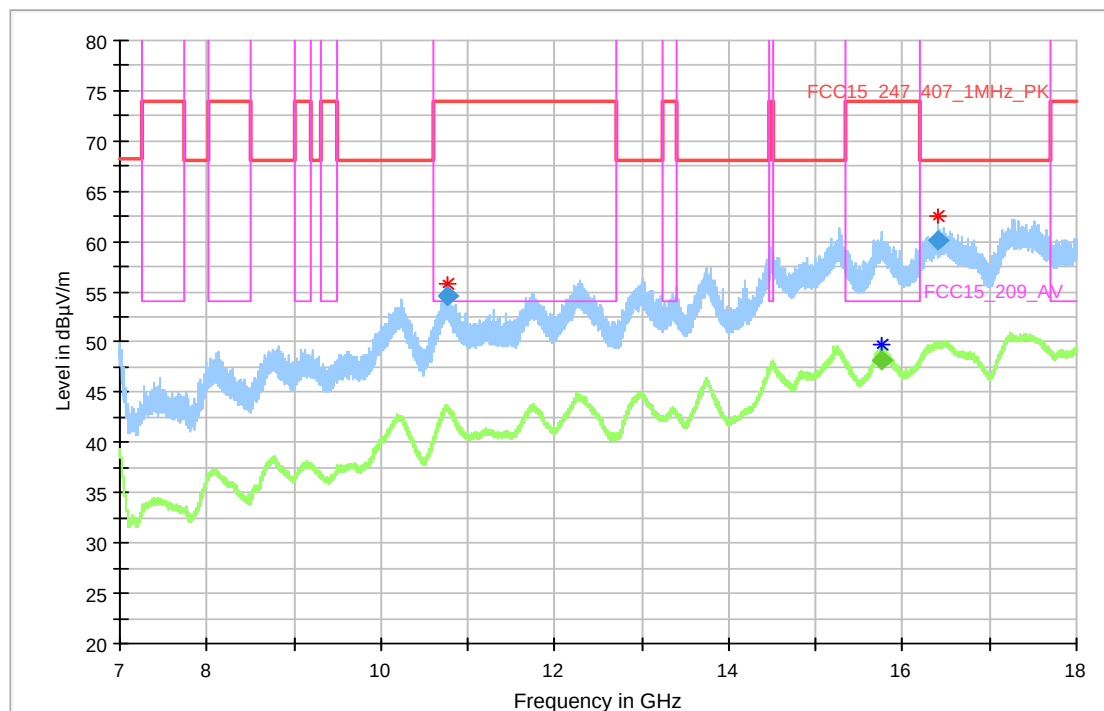
Common Information

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
Operation mode:	11n 40MHz MCS5 151
Operator Name:	Klv

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum



Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr (dB)
10756.200000	54.55	74.00	19.45	100.0	1000.000	155.0	V	266.0	90.0	19.2
15753.400000	---	54.00	5.85	100.0	1000.000	155.0	H	50.0	90.0	24.5
16412.600000	60.13	68.00	7.87	100.0	1000.000	155.0	H	147.0	0.0	25.0

2.5. Radiated Field Strength Emissions – 18 GHz to 40 GHz

Diagram No.: 4.51b_WLAN_ac_mode_80MHz_ch42

Common Information

Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247, 15.205&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Distance correction factor	3 to 1m: -10.5 dB applying to measurement results
SW-Version:	EMC32 V8.53.0
Operation mode:	TX mode continuous
Operator Name:	npe
Comment:	11ac 80MHz VHT_SS1MCS0 42

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-

EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

EMI Scan_18_40GHz_Pre

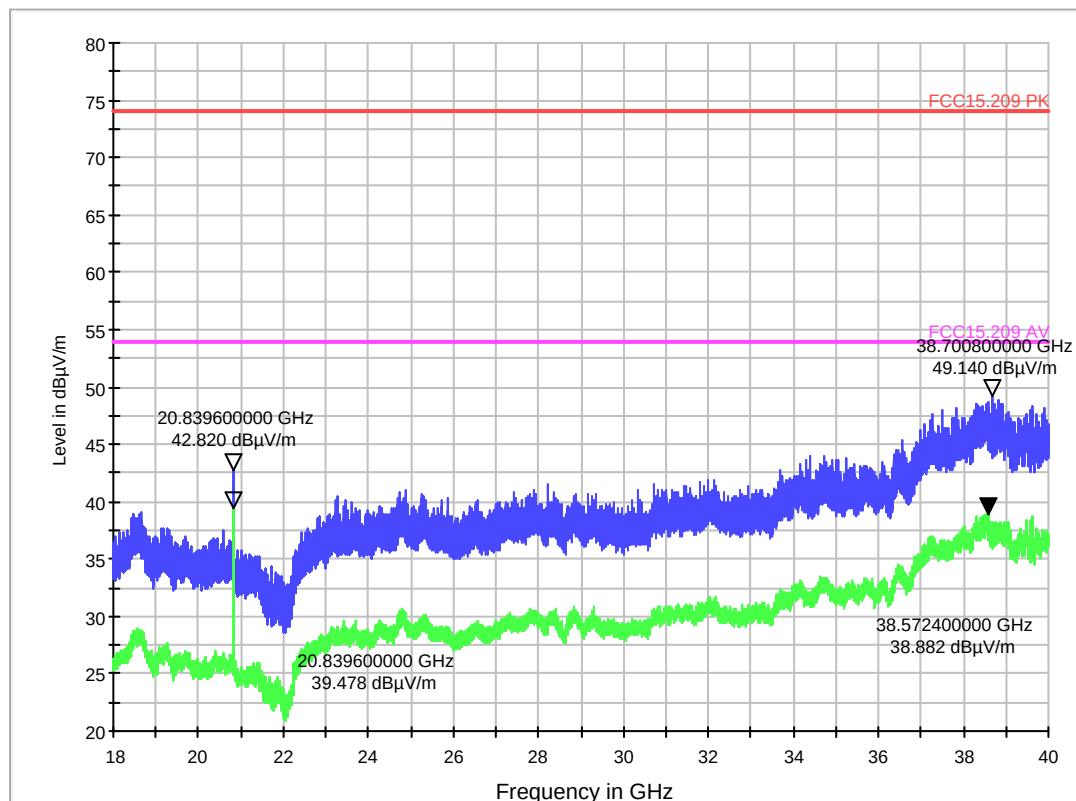


Diagram No.: 4.52b_WLAN_ac_mode_80MHz_ch58

Common Information

Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247, 15.205&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Distance correction factor	3 to 1m: -10.5 dB applying to measurement results
SW-Version:	EMC32 V8.53.0
Operation mode:	TX mode continuous
Operator Name:	npe
Comment:	11ac 80MHz VHT_SS1MCS0 58

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-

EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

EMI Scan_18_40GHz_Pre

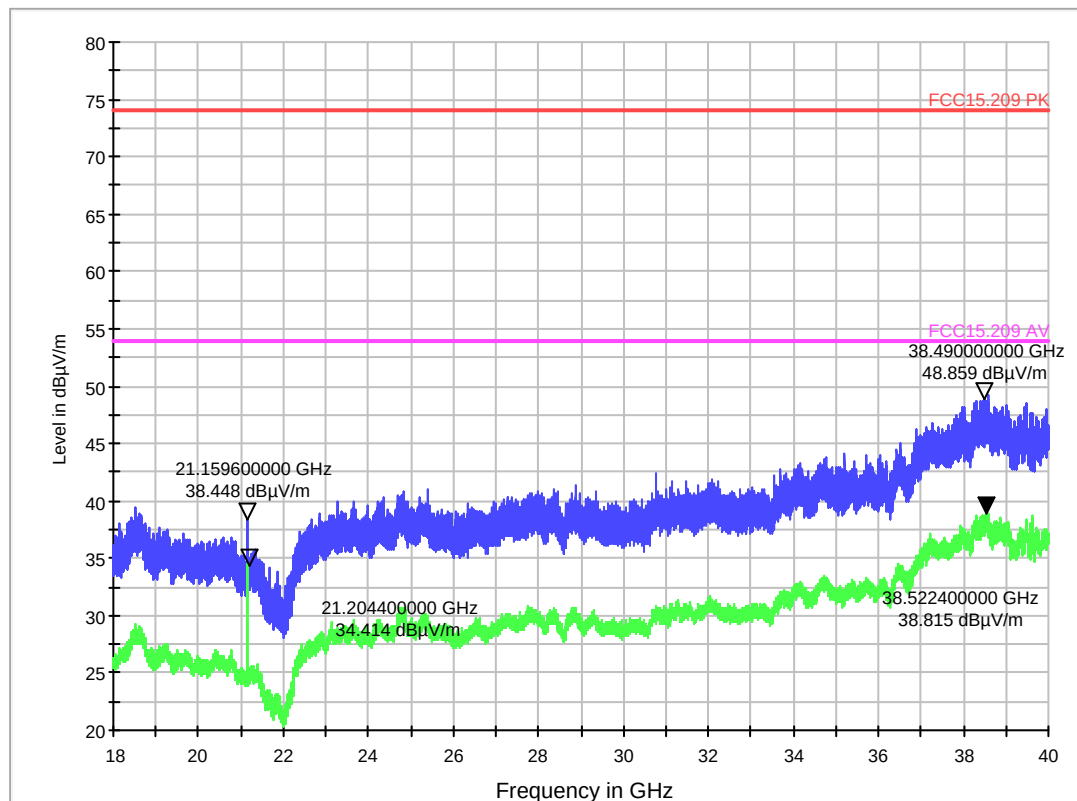


Diagram No.: 4.53b_WLAN_ac_mode_80MHz_ch106

Common Information

Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247, 15.205&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Distance correction factor	3 to 1m: -10.5 dB applying to measurement results
SW-Version:	EMC32 V8.53.0
Operation mode:	TX mode continuous
Operator Name:	npe
Comment:	11ac 80MHz VHT_SS1MCS0 106

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-

EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

EMI Scan_18_40GHz_Pre

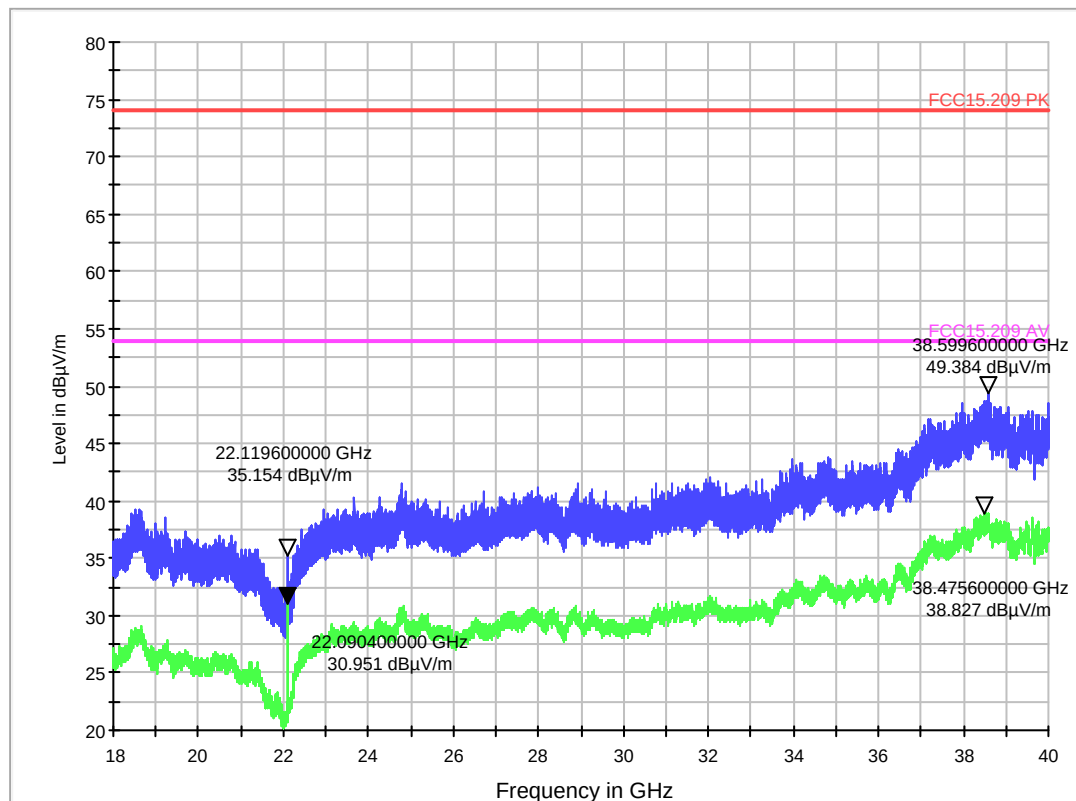


Diagram No.: 4.54b_WLAN_ac_mode_80MHz_ch122

Common Information

Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247, 15.205&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Distance correction factor	3 to 1m: -10.5 dB applying to measurement results
SW-Version:	EMC32 V8.53.0
Operation mode:	TX mode continuous
Operator Name:	npe
Comment:	11ac 80MHz VHT_SS1MCS0 122

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-

EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

EMI Scan_18_40GHz_Pre

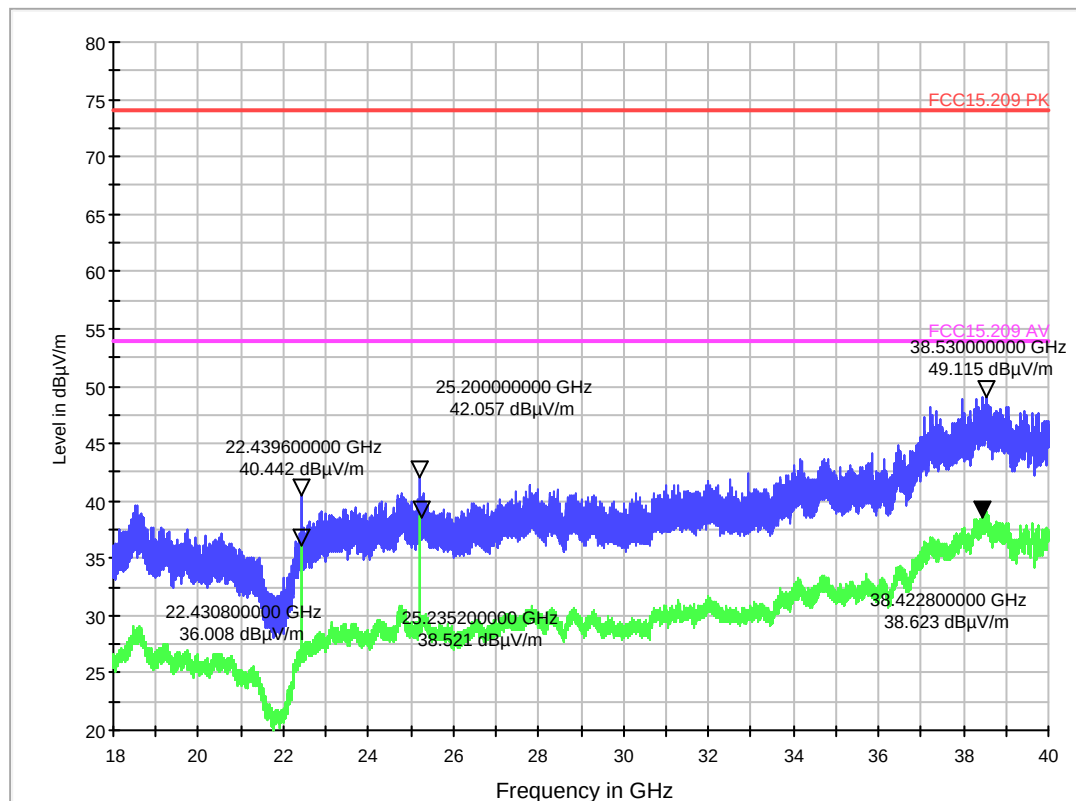


Diagram No.: 4.55b_WLAN_ac_mode_80MHz_ch155

Common Information

Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247, 15.205&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Distance correction factor	3 to 1m: -10.5 dB applying to measurement results
SW-Version:	EMC32 V8.53.0
Operation mode:	TX mode continuous
Operator Name:	npe
Comment:	11ac 80MHz VHT_SS1MCS0 155

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-

EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

EMI Scan_18_40GHz_Pre

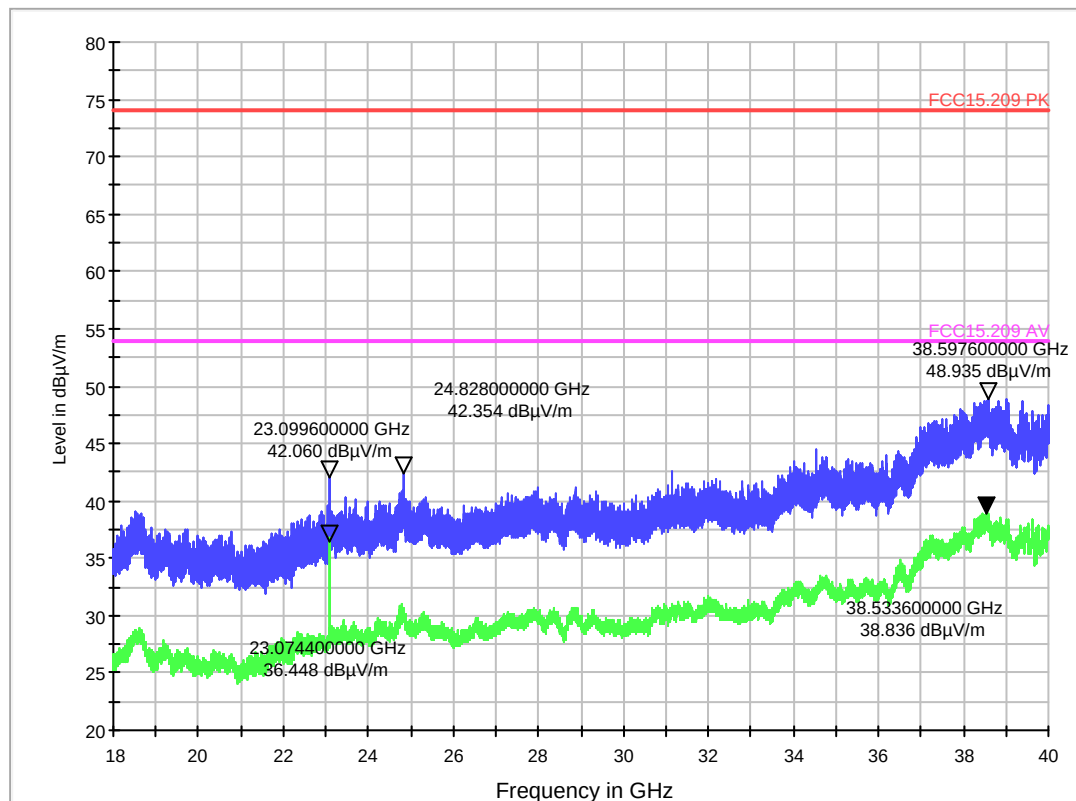


Diagram No.: 4.56b_WLAN_ac_mode_40MHz_ch46

Common Information

Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247, 15.205&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Distance correction factor	3 to 1m: -10.5 dB applying to measurement results
SW-Version:	EMC32 V8.53.0
Operation mode:	TX mode continuous
Operator Name:	npe
Comment:	11ac 40MHz VHT_SS1_MCS6 46

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-

EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

EMI Scan_18_40GHz_Pre

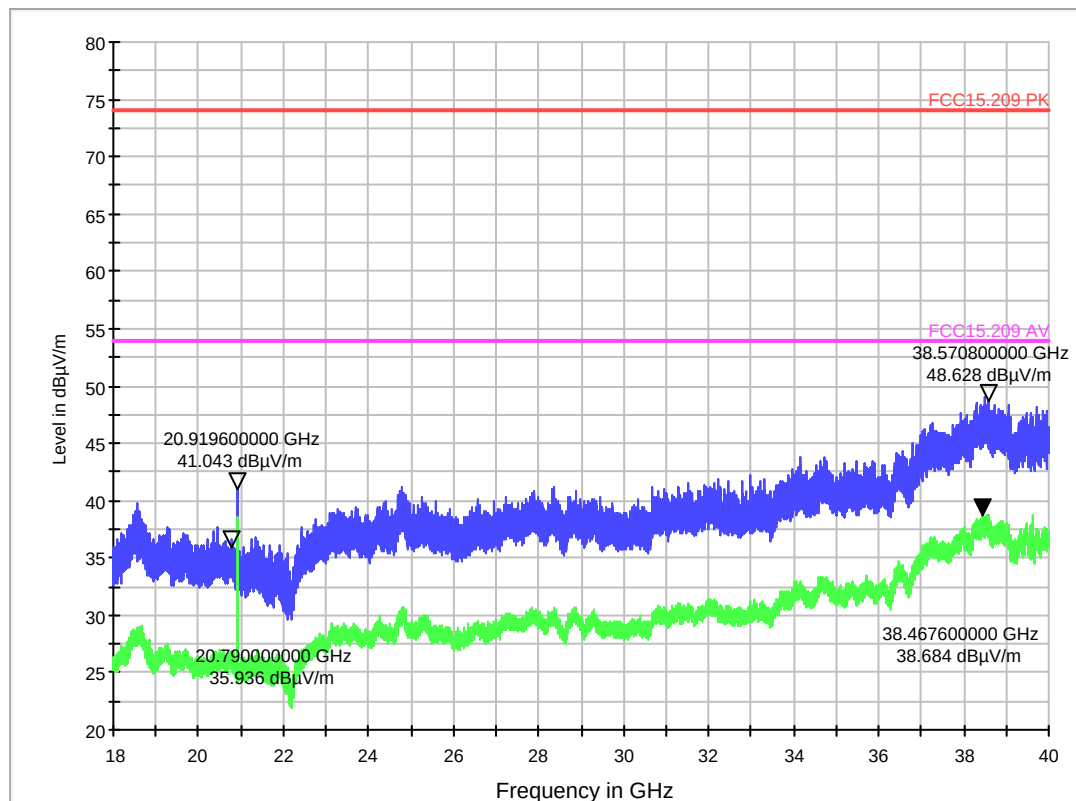


Diagram No.: 4.57b_WLAN_ac_mode_40MHz_ch62

Common Information

Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247, 15.205&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Distance correction factor	3 to 1m: -10.5 dB applying to measurement results
SW-Version:	EMC32 V8.53.0
Operation mode:	TX mode continuous
Operator Name:	npe
Comment:	11ac 40MHz VHT_SS1_MCS6 62

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-

EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

EMI Scan_18_40GHz_Pre

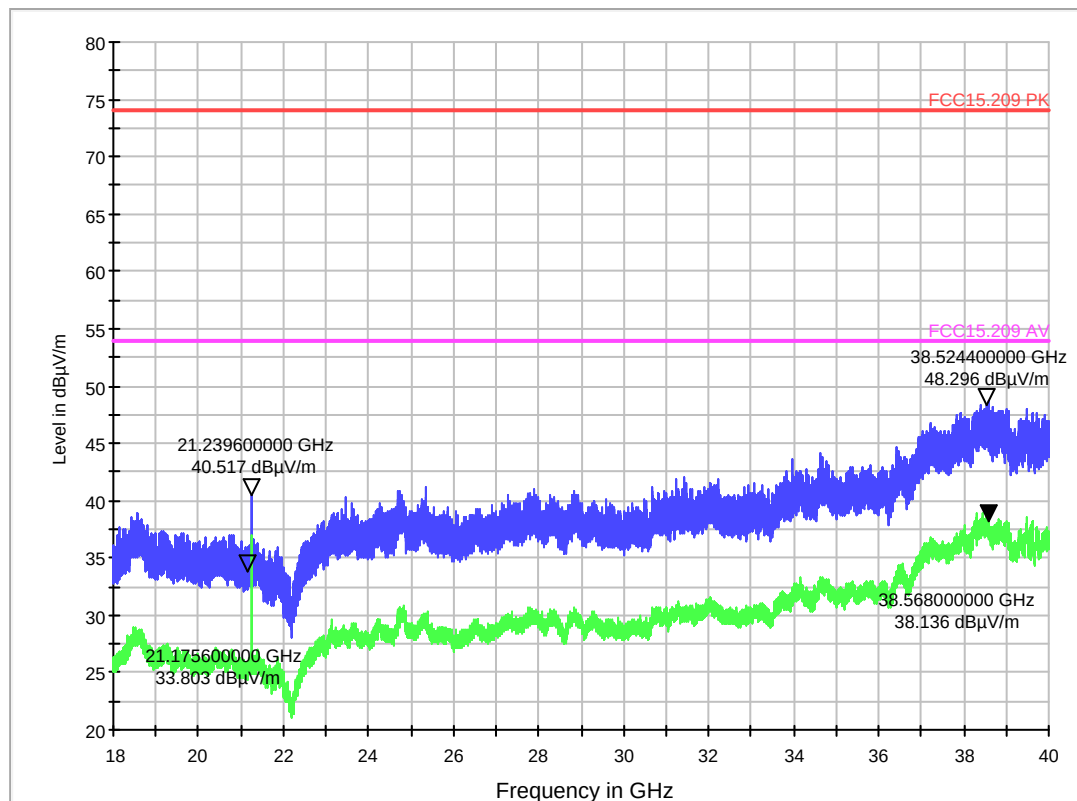


Diagram No.: 4.58b_WLAN_ac_mode_40MHz_ch134

Common Information

Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247, 15.205&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Distance correction factor	3 to 1m: -10.5 dB applying to measurement results
SW-Version:	EMC32 V8.53.0
Operation mode:	TX mode continuous
Operator Name:	npe
Comment:	11ac 40MHz VHT_SS1_MCS6 134

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-

EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

EMI Scan_18_40GHz_Pre

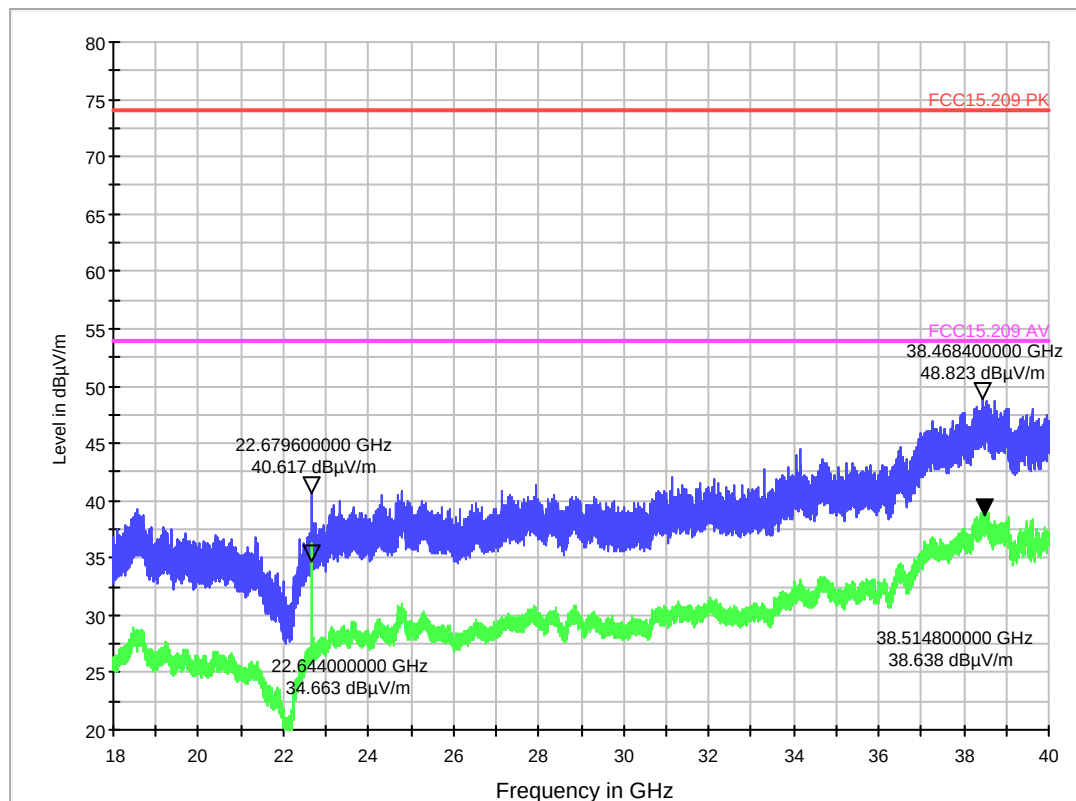


Diagram No.: 4.59b_WLAN_ac_mode_40MHz_ch159

Common Information

Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247, 15.205&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Distance correction factor	3 to 1m: -10.5 dB applying to measurement results
SW-Version:	EMC32 V8.53.0
Operation mode:	TX mode continuous
Operator Name:	npe
Comment:	11ac 40MHz VHT_SS1_MCS6 159

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-

EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

EMI Scan_18_40GHz_Pre

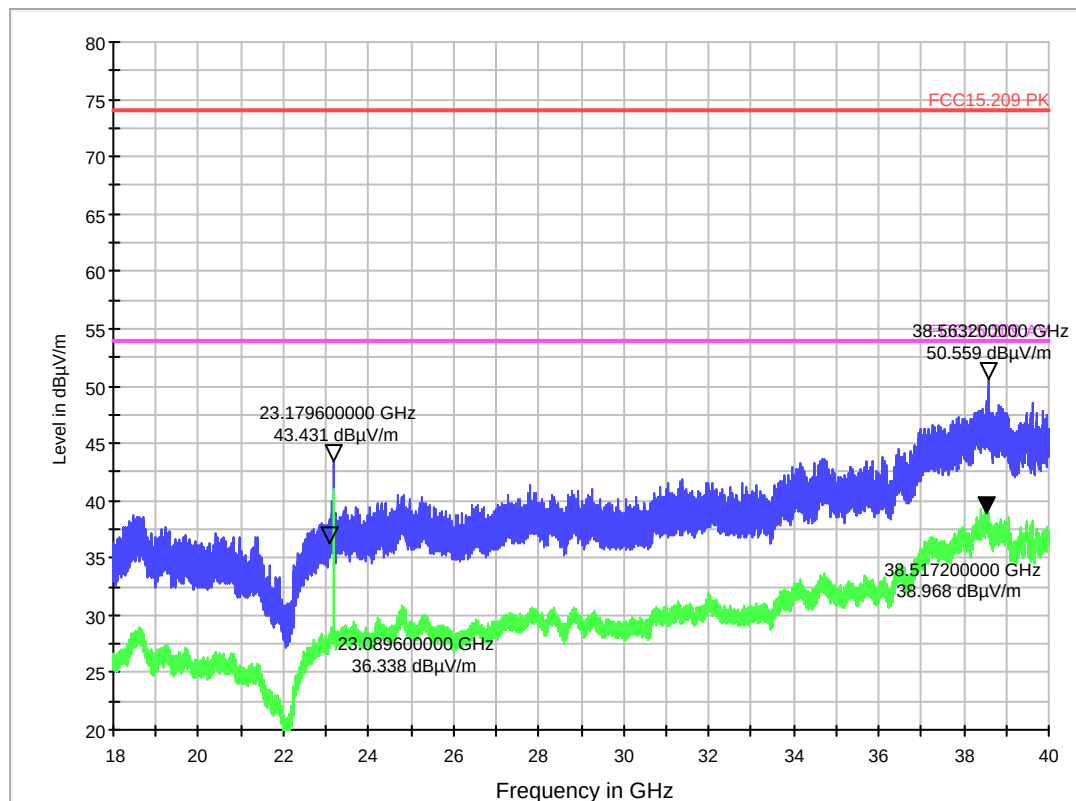


Diagram No.: 4.60b_WLAN_a_mode_20MHz_ch48

Common Information

Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247, 15.205&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Distance correction factor	3 to 1m: -10.5 dB applying to measurement results
SW-Version:	EMC32 V8.53.0
Operation mode:	TX mode continuous
Operator Name:	npe
Comment:	11a 20MHz 6 Mbit 48

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-

EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

EMI Scan_18_40GHz_Pre

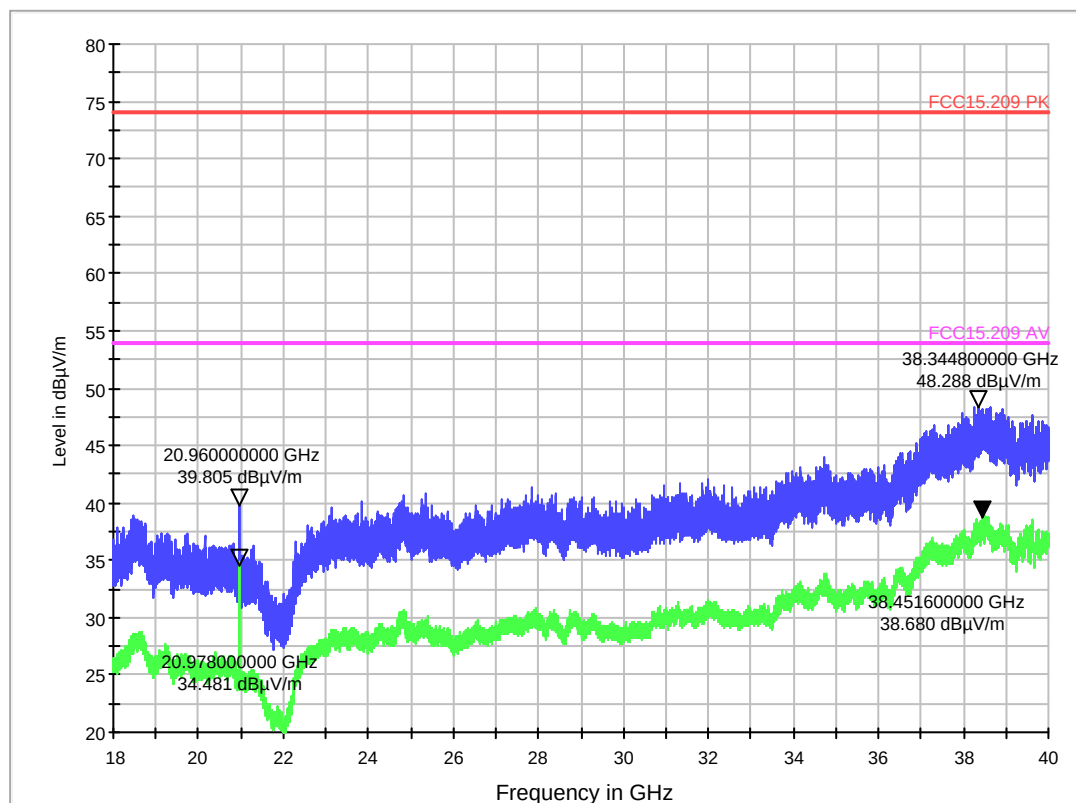


Diagram No.: 4.61b_WLAN_a_mode_20MHz_ch64

Common Information

Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247, 15.205&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Distance correction factor	3 to 1m: -10.5 dB applying to measurement results
SW-Version:	EMC32 V8.53.0
Operation mode:	TX mode continuous
Operator Name:	npe
Comment:	11a 20MHz 6 Mbit 64

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-

EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

EMI Scan_18_40GHz_Pre

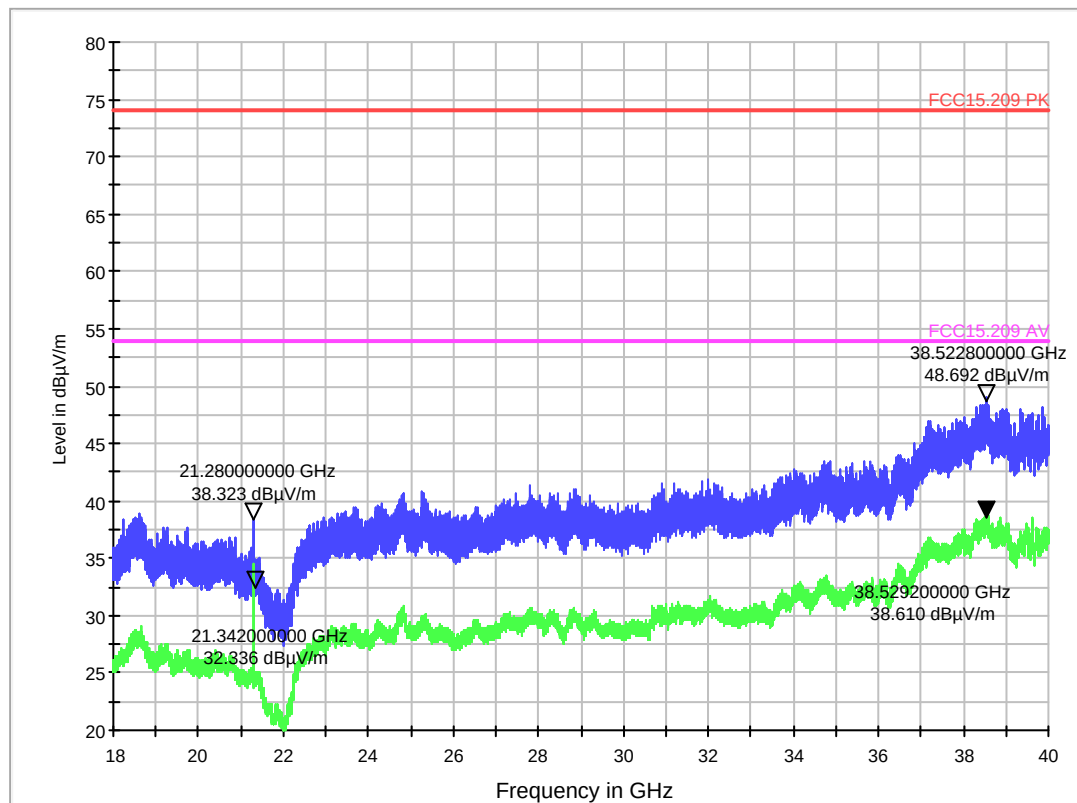


Diagram No.: 4.62a_WLAN_a_mode_20MHz_ch140

Common Information

Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247, 15.205&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Distance correction factor	3 to 1m: -10.5 dB applying to measurement results
SW-Version:	EMC32 V8.53.0
Operation mode:	TX mode continuous
Operator Name:	npe
Comment:	11a 20MHz 6 Mbit 140

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-

EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

EMI Scan_18_40GHz_Pre

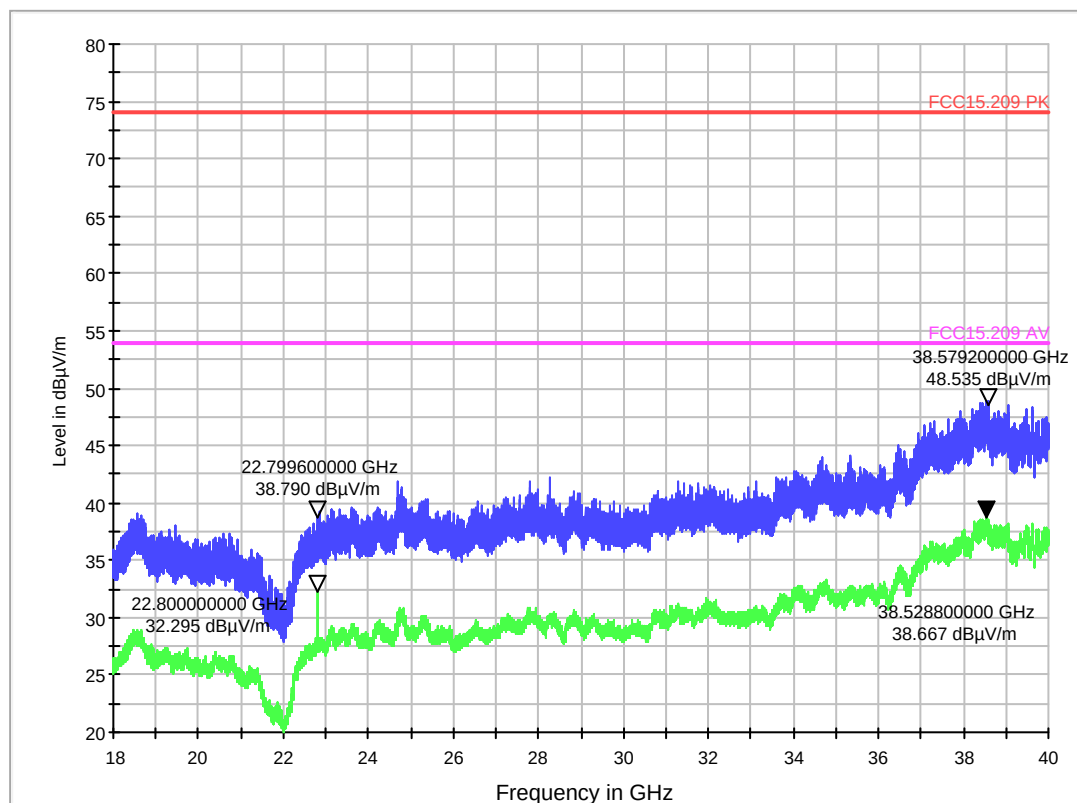


Diagram No.: 4.63b_WLAN_a_mode_20MHz_ch165

Common Information

Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247, 15.205&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Distance correction factor	3 to 1m: -10.5 dB applying to measurement results
SW-Version:	EMC32 V8.53.0
Operation mode:	TX mode continuous
Operator Name:	npe
Comment:	11a 20MHz 6 Mbit 165

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-

EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

EMI Scan_18_40GHz_Pre

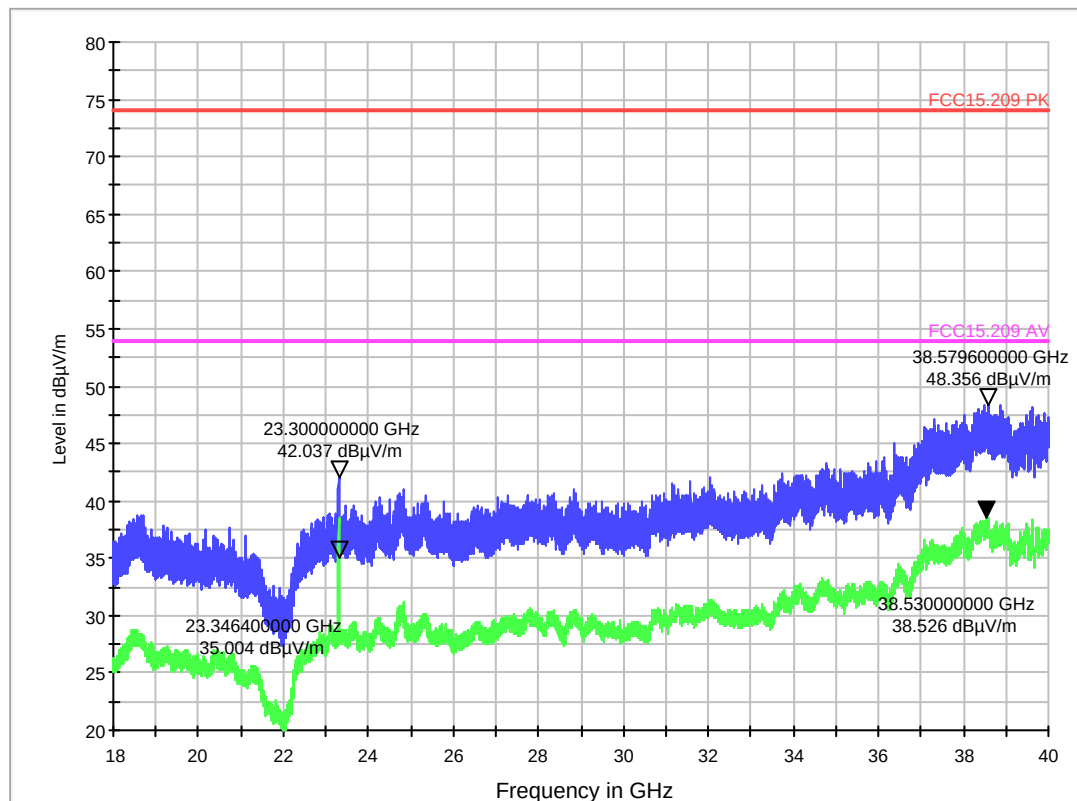


Diagram No.: 4.64b_WLAN_n_mode_20MHz_ch48

Common Information

Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247, 15.205&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Distance correction factor	3 to 1m: -10.5 dB applying to measurement results
SW-Version:	EMC32 V8.53.0
Operation mode:	TX mode continuous
Operator Name:	npe
Comment:	11n 20MHz MCS 0 48

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-

EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

EMI Scan_18_40GHz_Pre

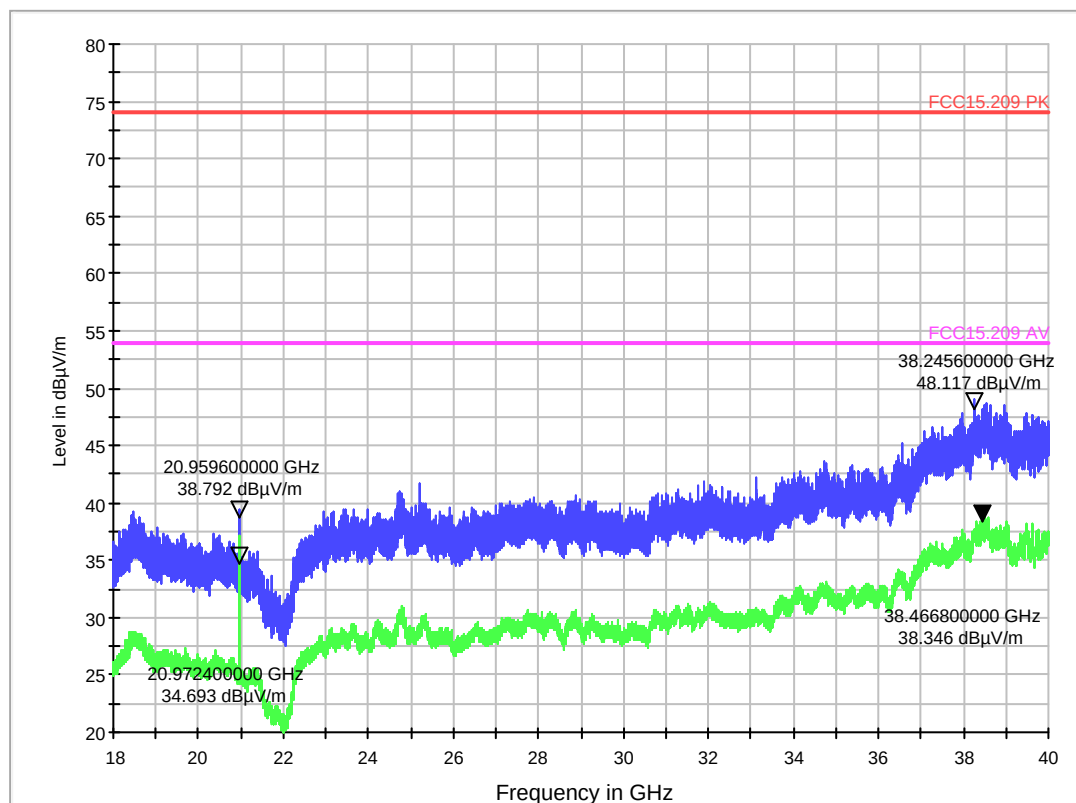


Diagram No.: 4.65b_WLAN_n_mode_20MHz_ch64

Common Information

Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247, 15.205&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Distance correction factor	3 to 1m: -10.5 dB applying to measurement results
SW-Version:	EMC32 V8.53.0
Operation mode:	TX mode continuous
Operator Name:	npe
Comment:	11n 20MHz MCS 0 64

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

EMI Scan_18_40GHz_Pre

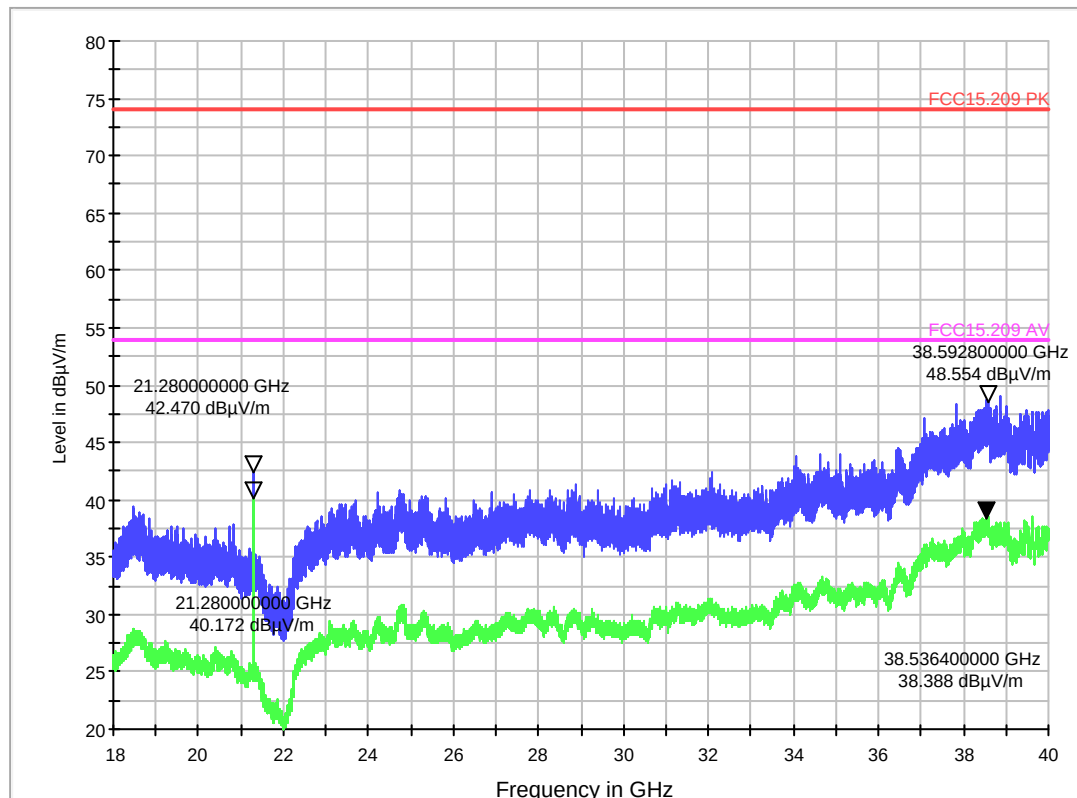


Diagram No.: 4.66b_WLAN_n_mode_20MHz_ch100

Common Information

Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247, 15.205&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Distance correction factor	3 to 1m: -10.5 dB applying to measurement results
SW-Version:	EMC32 V8.53.0
Operation mode:	TX mode continuous
Operator Name:	npe
Comment:	11n 20MHz MCS 0 100

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

EMI Scan_18_40GHz_Pre

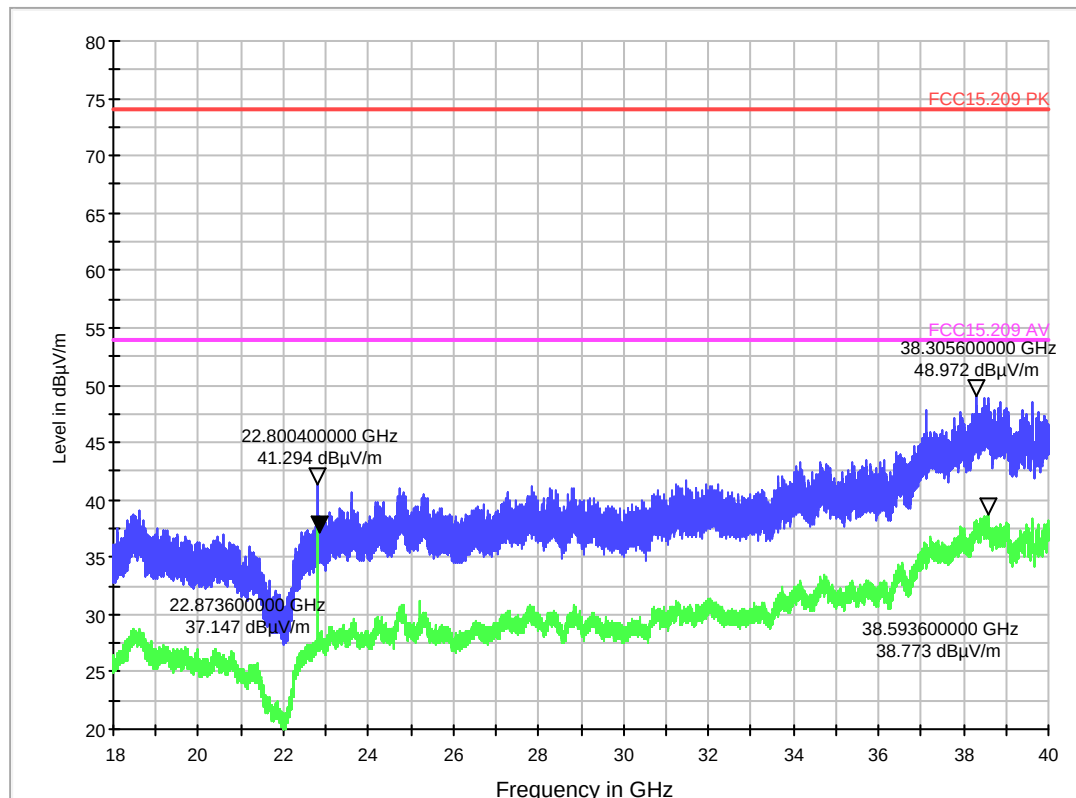


Diagram No.: 4.67b_WLAN_n_mode_20MHz_ch165

Common Information

Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247, 15.205&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Distance correction factor	3 to 1m: -10.5 dB applying to measurement results
SW-Version:	EMC32 V8.53.0
Operation mode:	TX mode continuous
Operator Name:	npe
Comment:	11n 20MHz MCS 0 165

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

EMI Scan_18_40GHz_Pre

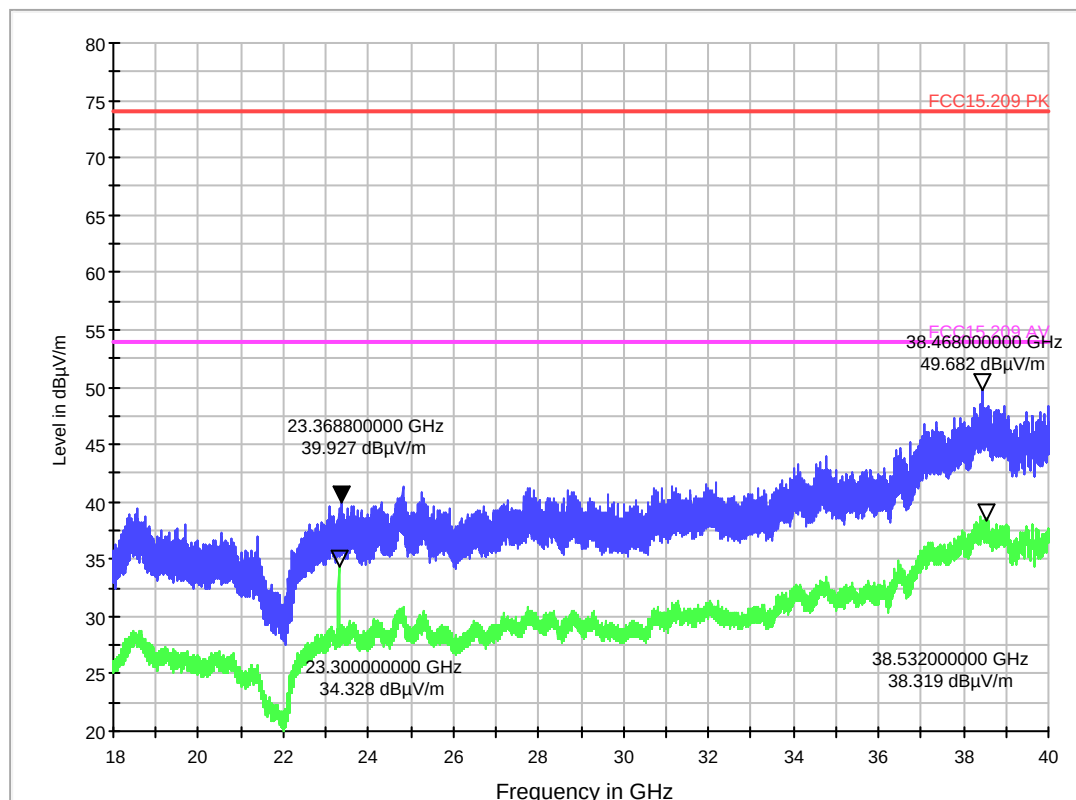


Diagram No.: 4.68b_WLAN_ac_mode_20MHz_ch48

Common Information

Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247, 15.205&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Distance correction factor	3 to 1m: -10.5 dB applying to measurement results
SW-Version:	EMC32 V8.53.0
Operation mode:	TX mode continuous
Operator Name:	npe
Comment:	11ac 20MHz VHT_SS1_MCS0 48

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-

EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

EMI Scan_18_40GHz_Pre

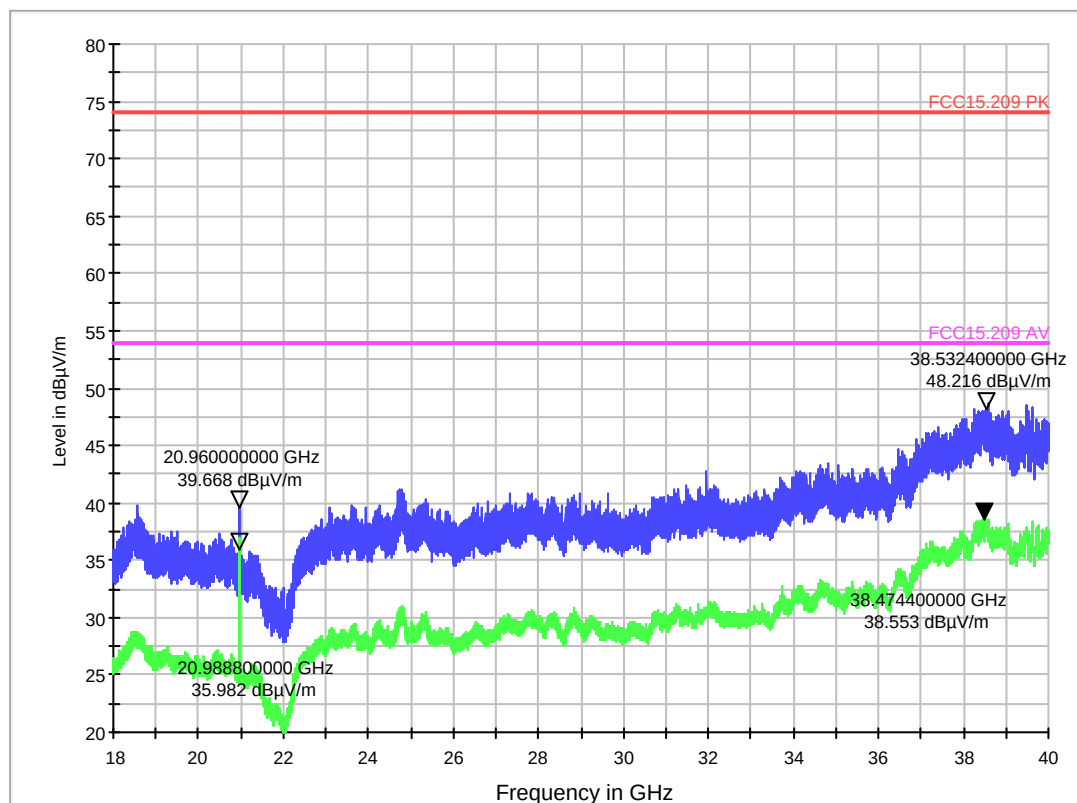


Diagram No.: 4.69b_WLAN_ac_mode_20MHz_ch64

Common Information

Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247, 15.205&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Distance correction factor	3 to 1m: -10.5 dB applying to measurement results
SW-Version:	EMC32 V8.53.0
Operation mode:	TX mode continuous
Operator Name:	npe
Comment:	11ac 20MHz VHT_SS1_MCS0 64

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-

EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

EMI Scan_18_40GHz_Pre

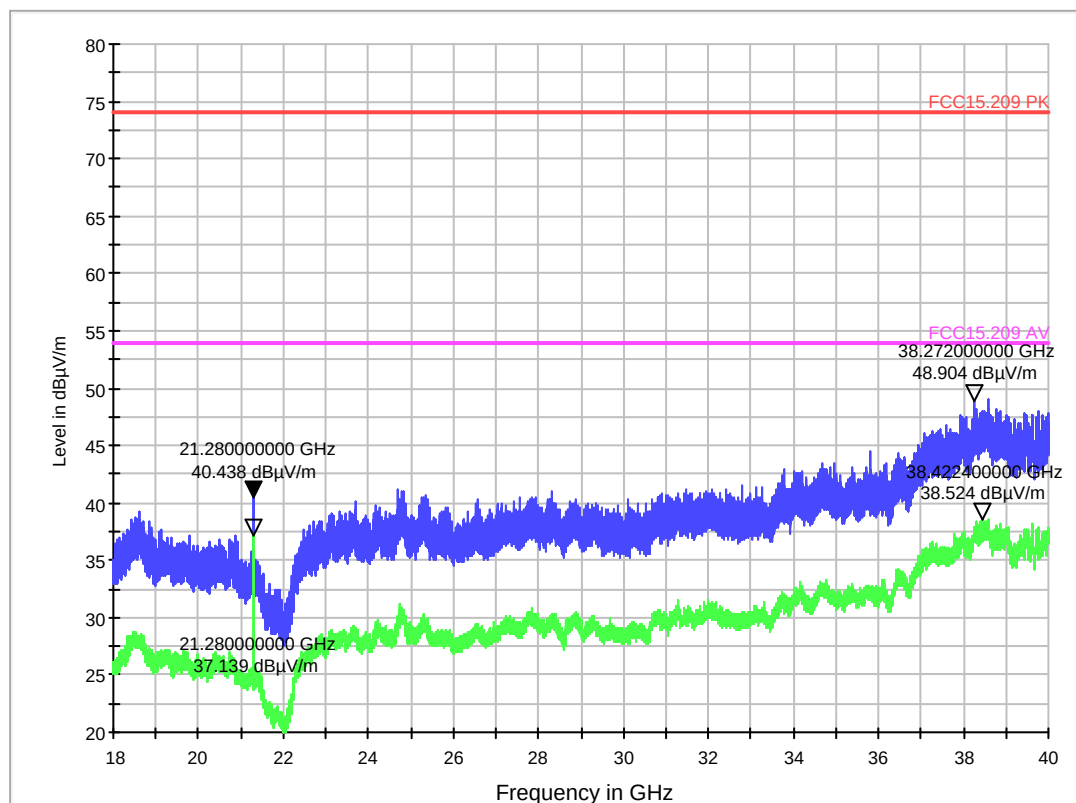


Diagram No.: 4.70b_WLAN_ac_mode_20MHz_ch100

Common Information

Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247, 15.205&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Distance correction factor	3 to 1m: -10.5 dB applying to measurement results
SW-Version:	EMC32 V8.53.0
Operation mode:	TX mode continuous
Operator Name:	npe
Comment:	11ac 20MHz VHT_SS1_MCS0 100

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-

EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

EMI Scan_18_40GHz_Pre

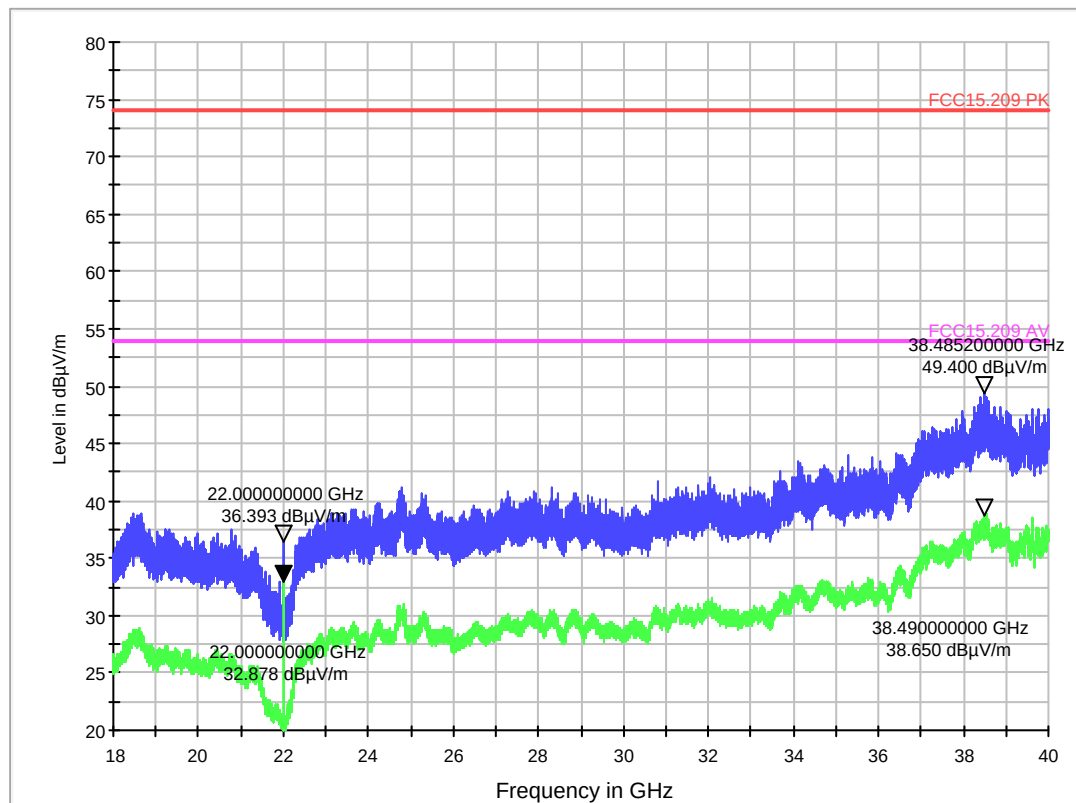


Diagram No.: 4.71b_WLAN_ac_mode_20MHz_ch149

Common Information

Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247, 15.205&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Distance correction factor	3 to 1m: -10.5 dB applying to measurement results
SW-Version:	EMC32 V8.53.0
Operation mode:	TX mode continuous
Operator Name:	npe
Comment:	11ac 20MHz VHT_SS1_MCS0 149

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-

EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

EMI Scan_18_40GHz_Pre

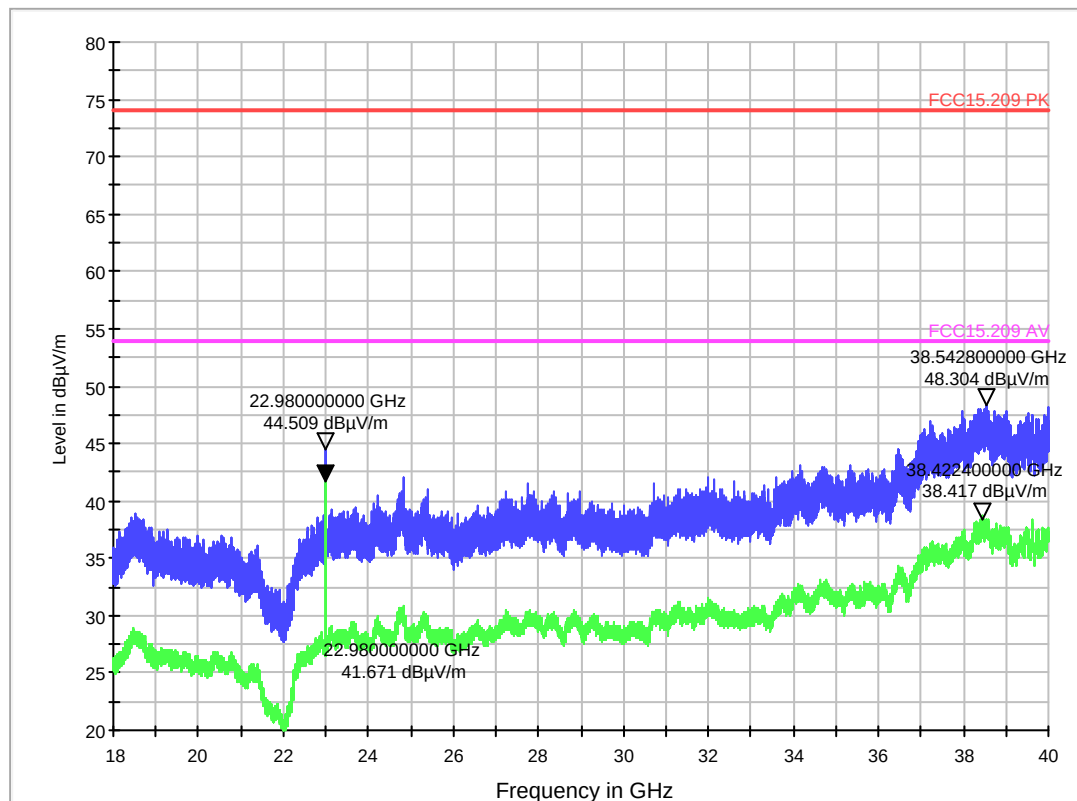


Diagram No.: 4.72b_WLAN_n_mode_40MHz_ch46

Common Information

Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247, 15.205&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Distance correction factor	3 to 1m: -10.5 dB applying to measurement results
SW-Version:	EMC32 V8.53.0
Operation mode:	TX mode continuous
Operator Name:	npe
Comment:	11n 40MHz MCS1 46

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-

EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

EMI Scan_18_40GHz_Pre

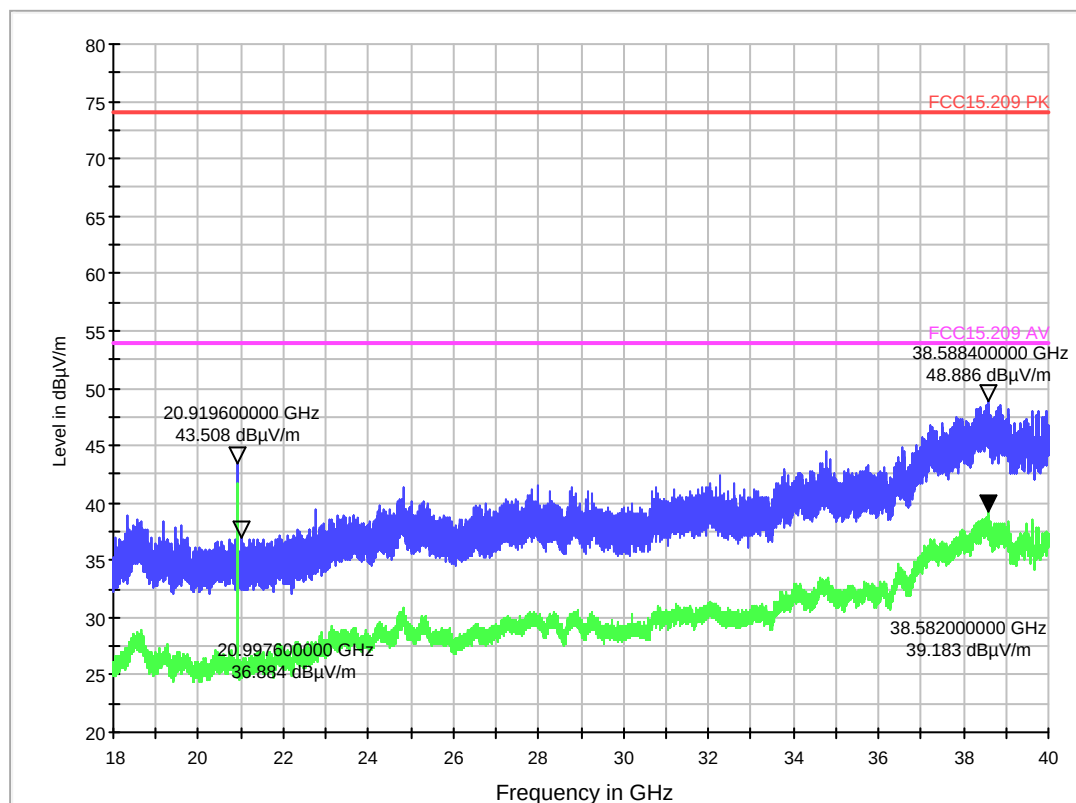


Diagram No.: 4.73b_WLAN_n_mode_40MHz_ch62

Common Information

Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247, 15.205&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Distance correction factor	3 to 1m: -10.5 dB applying to measurement results
SW-Version:	EMC32 V8.53.0
Operation mode:	TX mode continuous
Operator Name:	npe
Comment:	11n 40MHz MCS3 62

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-

EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

EMI Scan_18_40GHz_Pre

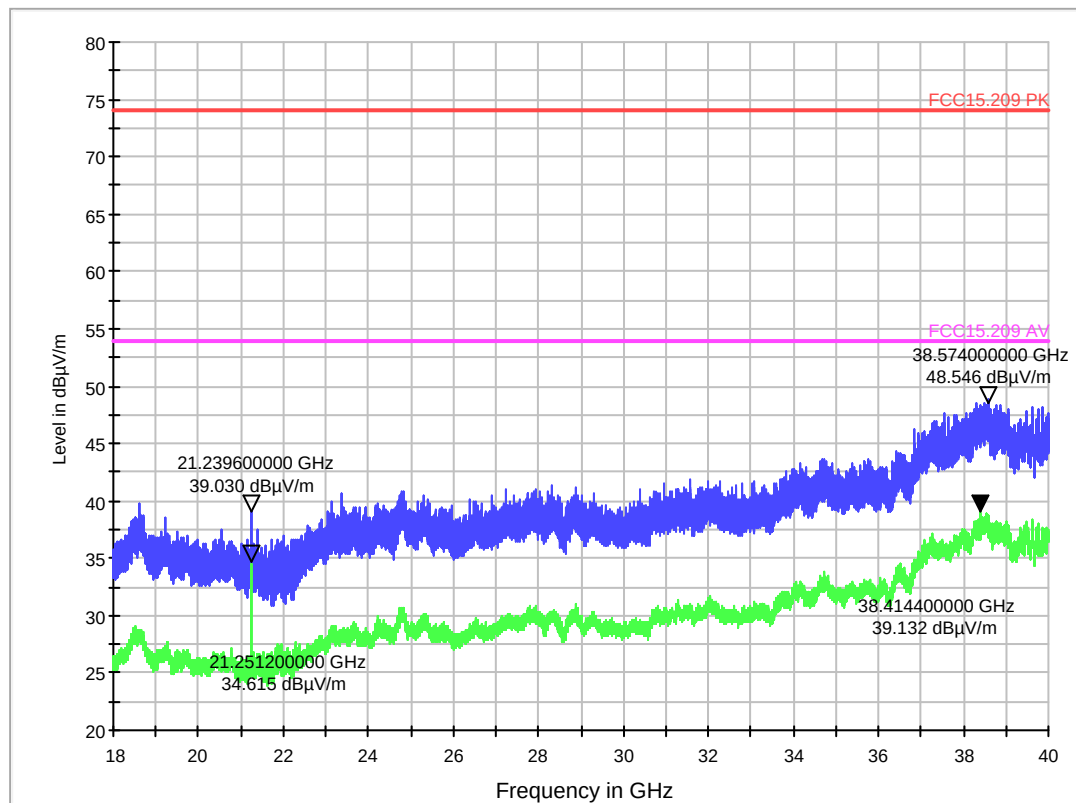


Diagram No.: 4.74b_WLAN_n_mode_40MHz_ch102

Common Information

Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247, 15.205&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Distance correction factor	3 to 1m: -10.5 dB applying to measurement results
SW-Version:	EMC32 V8.53.0
Operation mode:	TX mode continuous
Operator Name:	npe
Comment:	11n 40MHz MCS1 102

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-

EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

EMI Scan_18_40GHz_Pre

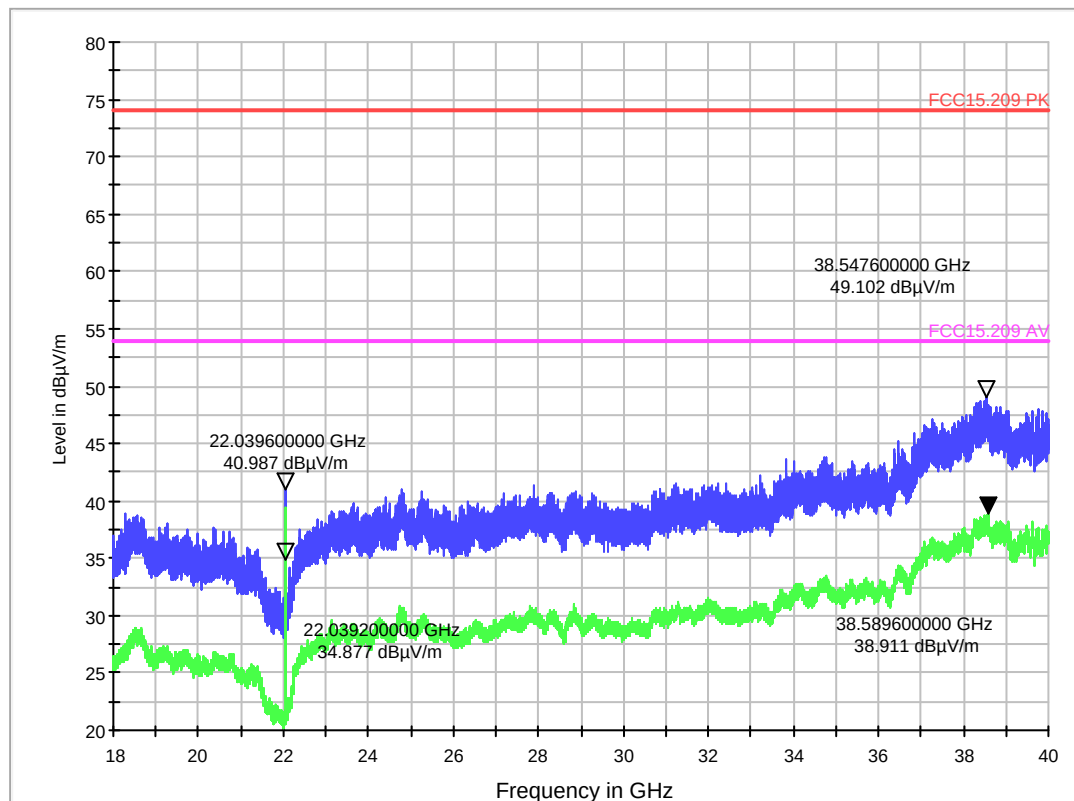


Diagram No.: 4.75b_WLAN_n_mode_40MHz_ch151

Common Information

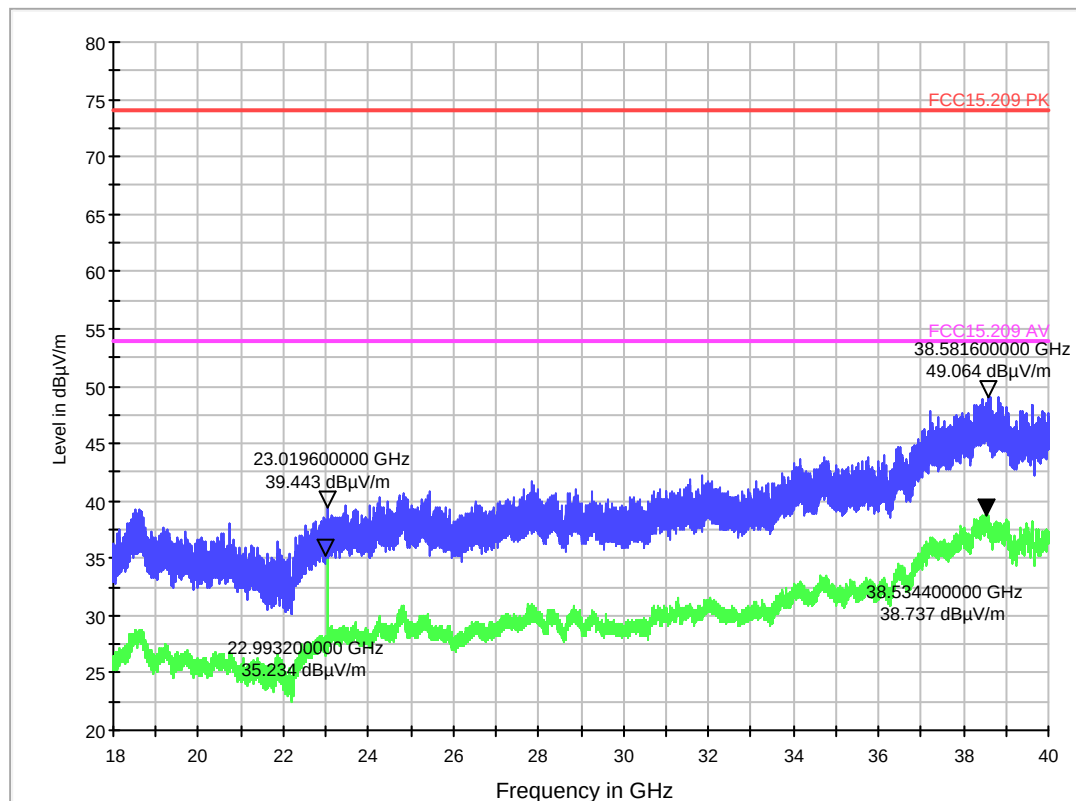
Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247, 15.205&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Distance correction factor	3 to 1m: -10.5 dB applying to measurement results
SW-Version:	EMC32 V8.53.0
Operation mode:	TX mode continuous
Operator Name:	npe
Comment:	11n 40MHz MCS5 151

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-

EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

EMI Scan_18_40GHz_Pre



3. Radiated Band-Edge Measurements

3.1. Radiated Band Edge for 20MHz Bandwidth a, n, ac Mode 9.01_BE_11a_ch36_20MHz_6Mbit

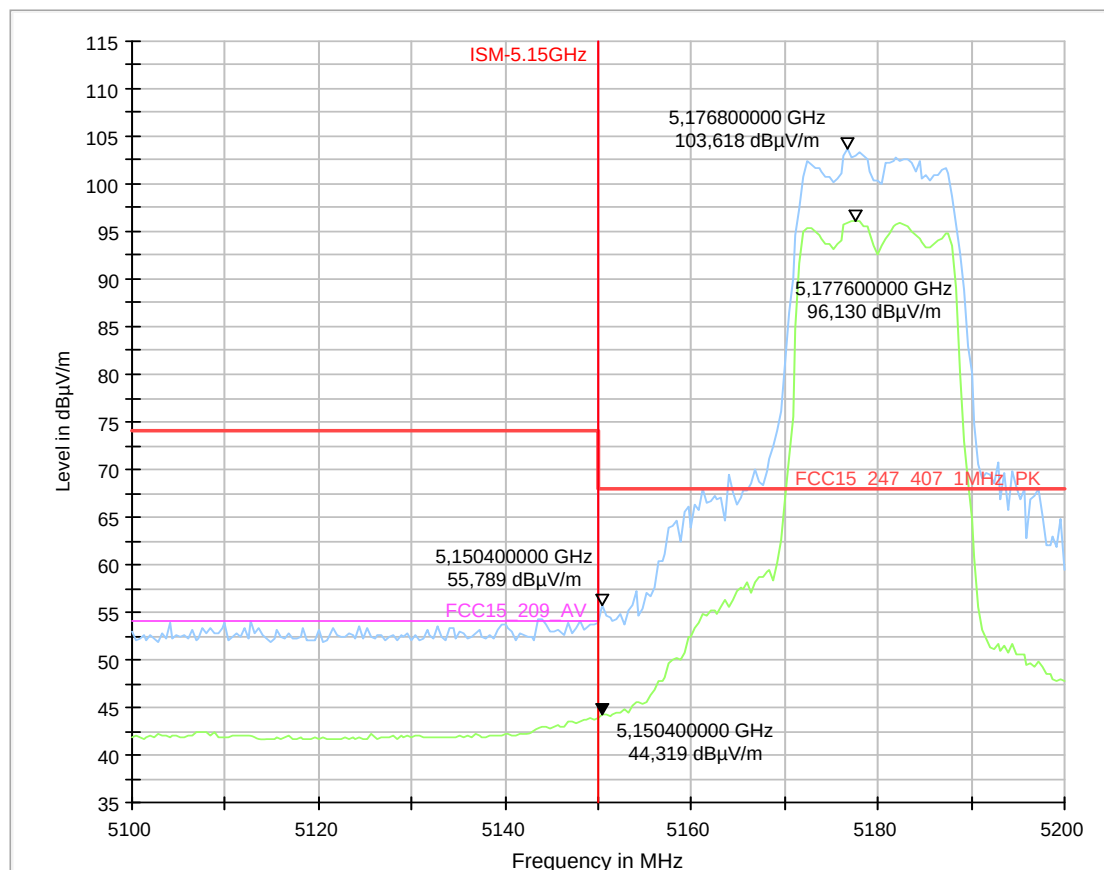
Common Information

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:	EMC32 V 9.25.00
Operation mode:	11a 20MHz 6 Mbit 36
Operator Name:	RI
Comment:	

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum



9.02_BE_11a_ch48_20MHz_6Mbit

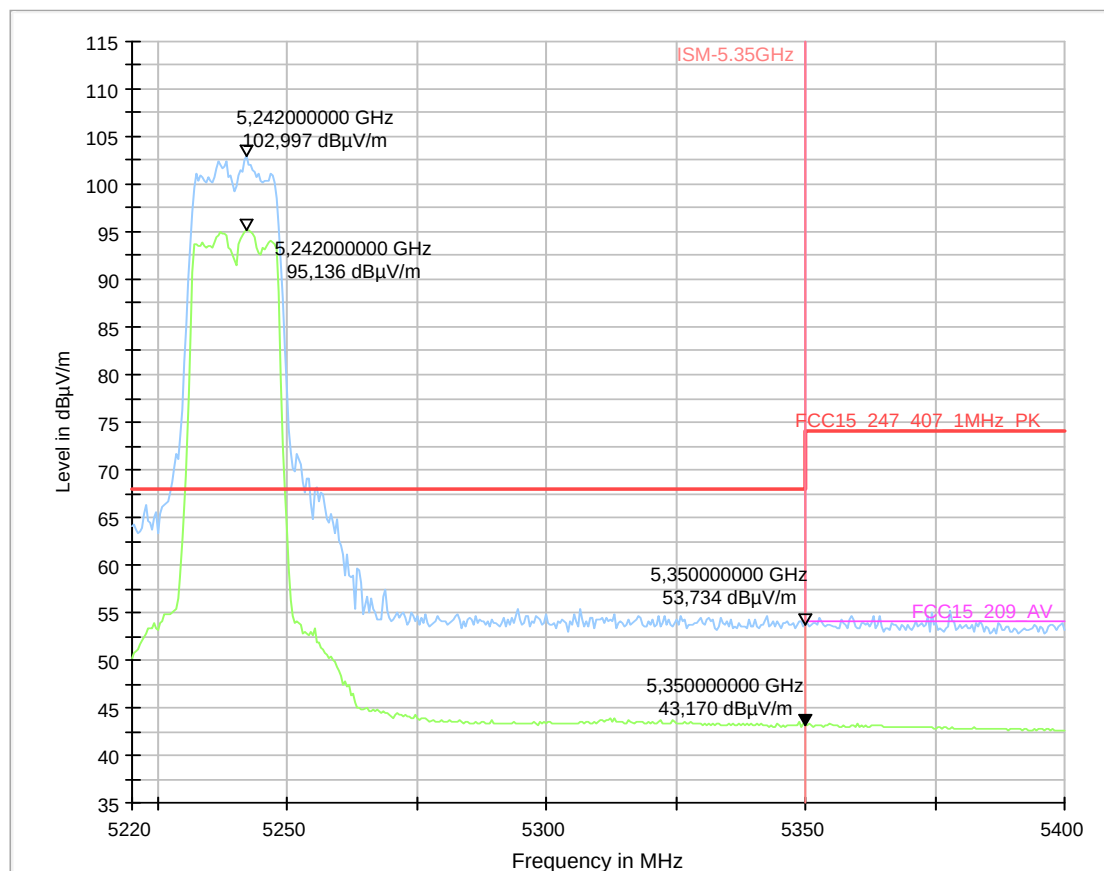
Common Information

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:	EMC32 V 9.25.00
Operation mode:	11a 20MHz 6 Mbit 48
Operator Name:	RI
Comment:	

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum



9.03a_BE_11a_ch52_20MHz_6Mbit

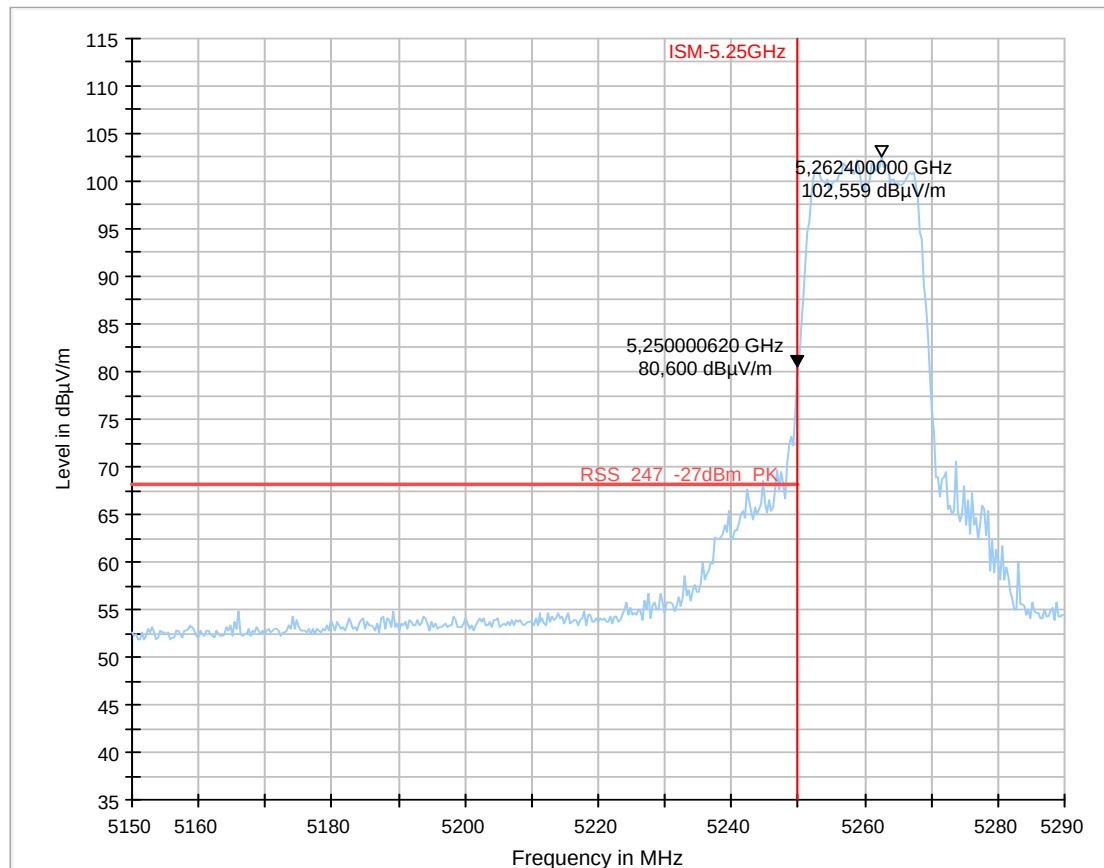
Common Information

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:	EMC32 V 9.25.00
Operation mode:	11a 20MHz 6 Mbit 52
Operator Name:	RI
Comment:	

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum



9.03b_BE_11a_ch52_20MHz_6Mbit

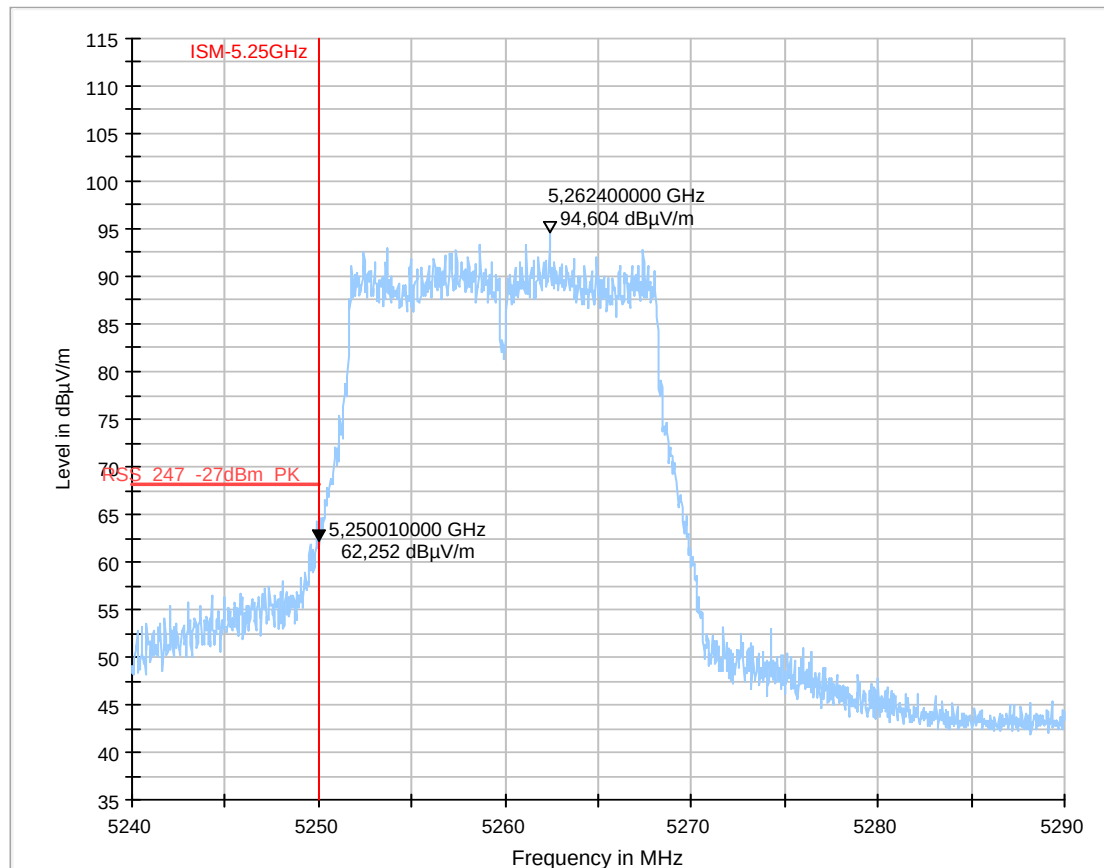
Common Information

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:	EMC32 V 9.25.00
Operation mode:	11a 20MHz 6 Mbit 52
Operator Name:	RI's
Comment:	

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum



9.04_BE_11a_ch64_20MHz_6Mbit

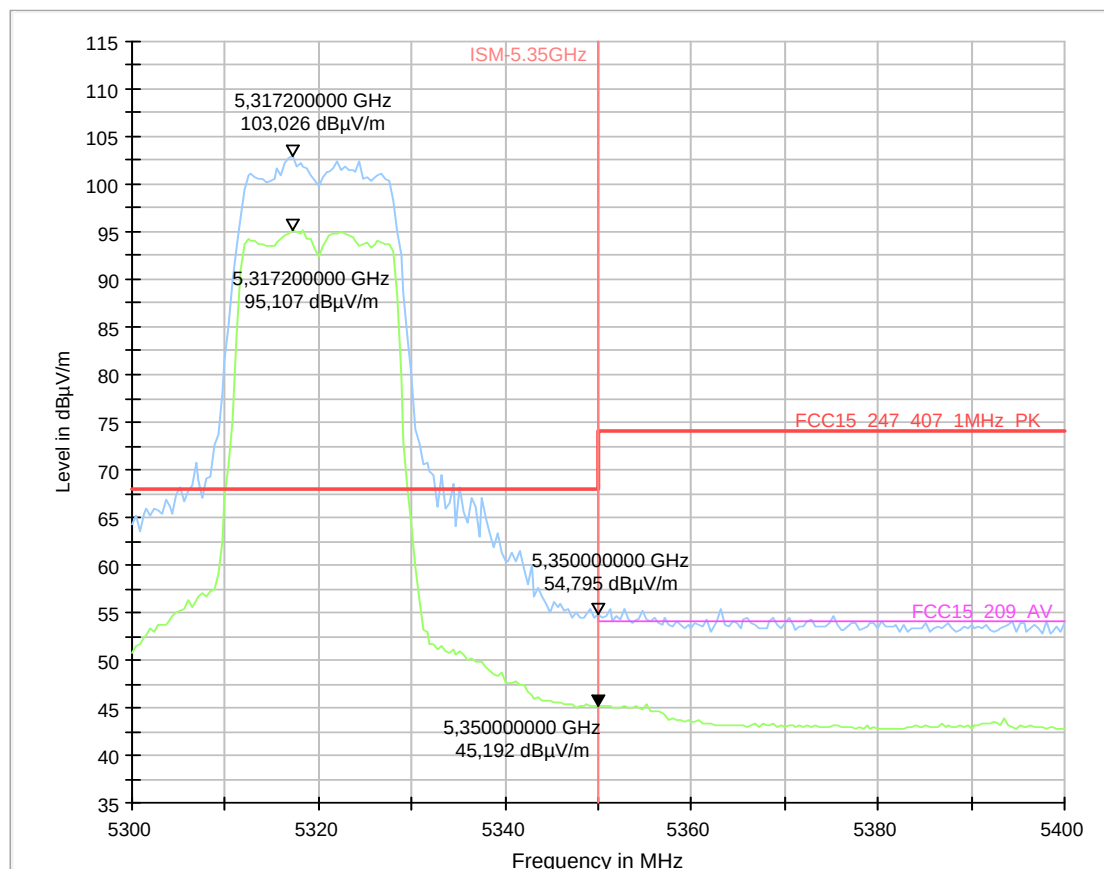
Common Information

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:	EMC32 V 9.25.00
Operation mode:	11a 20MHz 6 Mbit 64
Operator Name:	RI
Comment:	

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum



9.05_BE_11a_ch100_20MHz_6Mbit

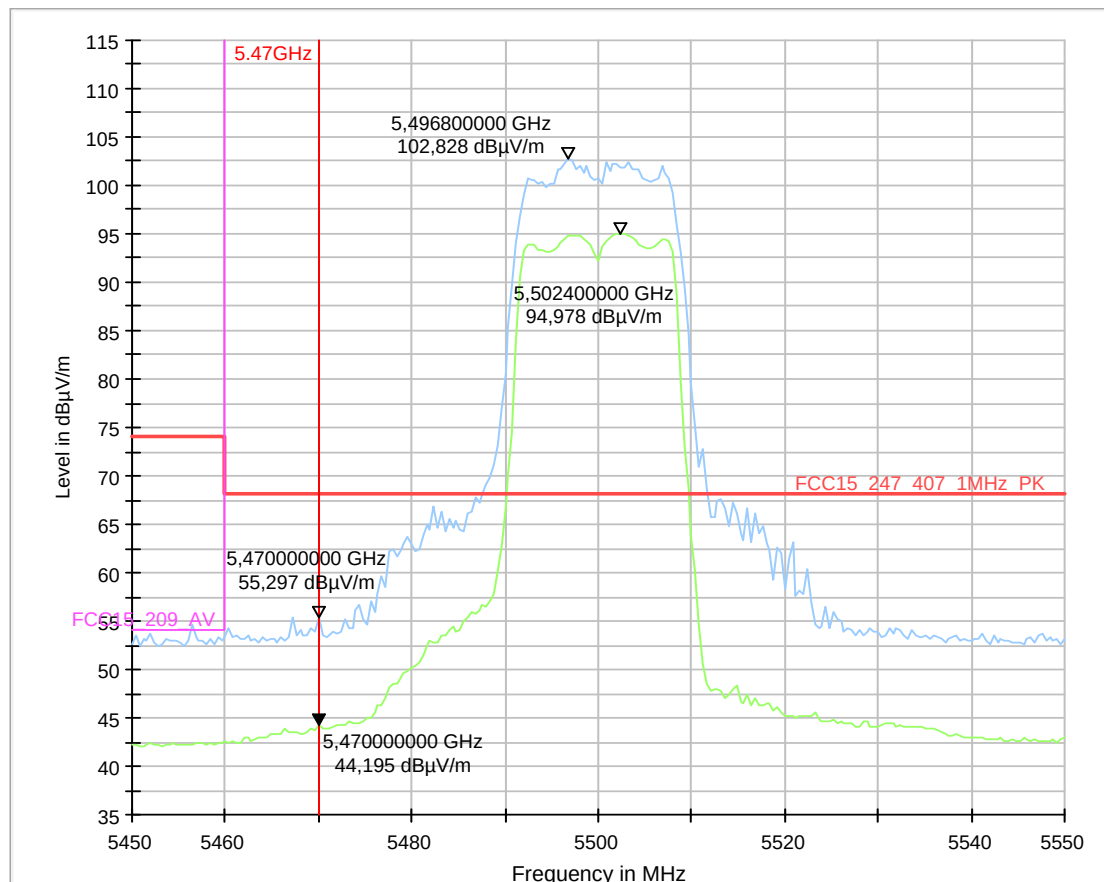
Common Information

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:	EMC32 V 9.25.00
Operation mode:	11a 20MHz 6 Mbit 100
Operator Name:	RI
Comment:	

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum



9.06_BE_11a_ch140_20MHz_6Mbit

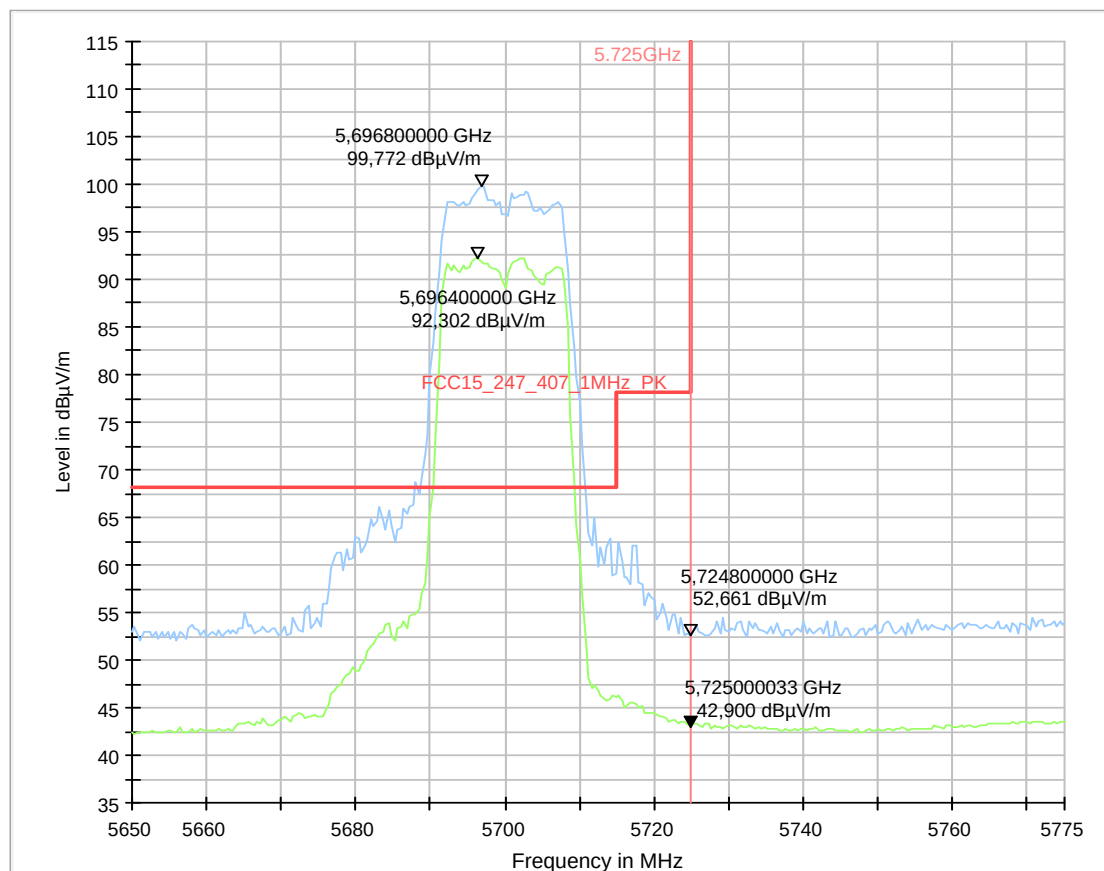
Common Information

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:	EMC32 V 9.25.00
Operation mode:	11a 20MHz 6 Mbit 140
Operator Name:	RI
Comment:	

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum



9.07_BE_11a_ch149_20MHz_6Mbit

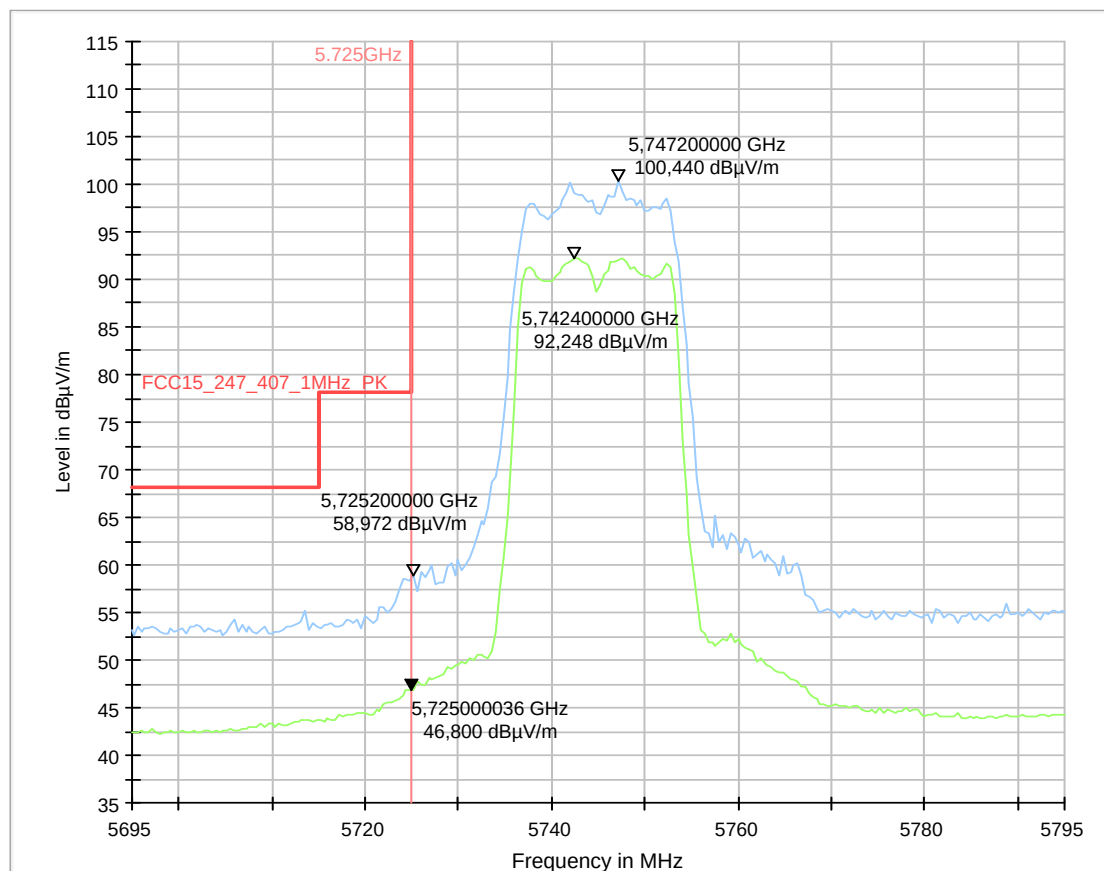
Common Information

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:	EMC32 V 9.25.00
Operation mode:	11a 20MHz 6 Mbit 149
Operator Name:	RI
Comment:	

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum



9.08_BE_11a_ch165_20MHz_6Mbit

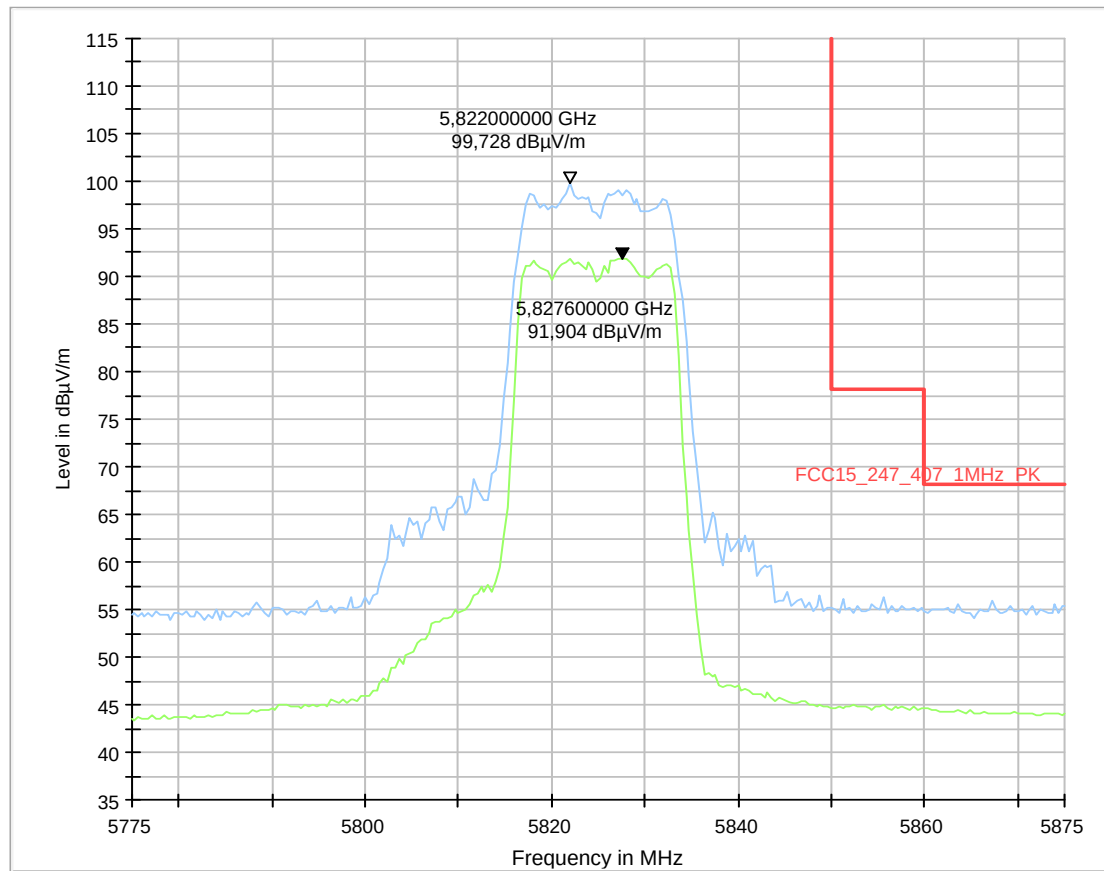
Common Information

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:	EMC32 V 9.25.00
Operation mode:	11a 20MHz 6 Mbit 165
Operator Name:	RI
Comment:	

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum



9.09_BE_11n_ch36_20MHz_MCS0

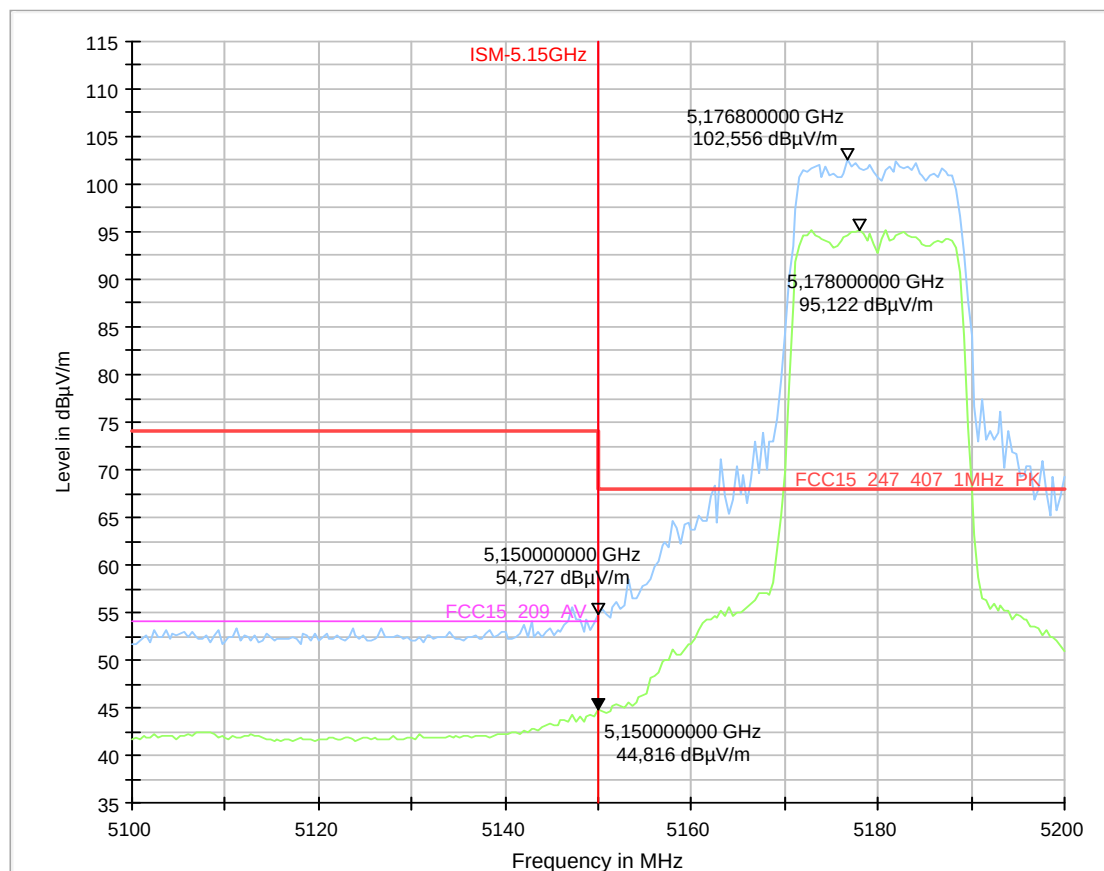
Common Information

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:	EMC32 V 9.25.00
Operation mode:	11n 20MHz MCS0 36
Operator Name:	RI
Comment:	

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum



9.10_BE_11n_ch48_20MHz_MCS0

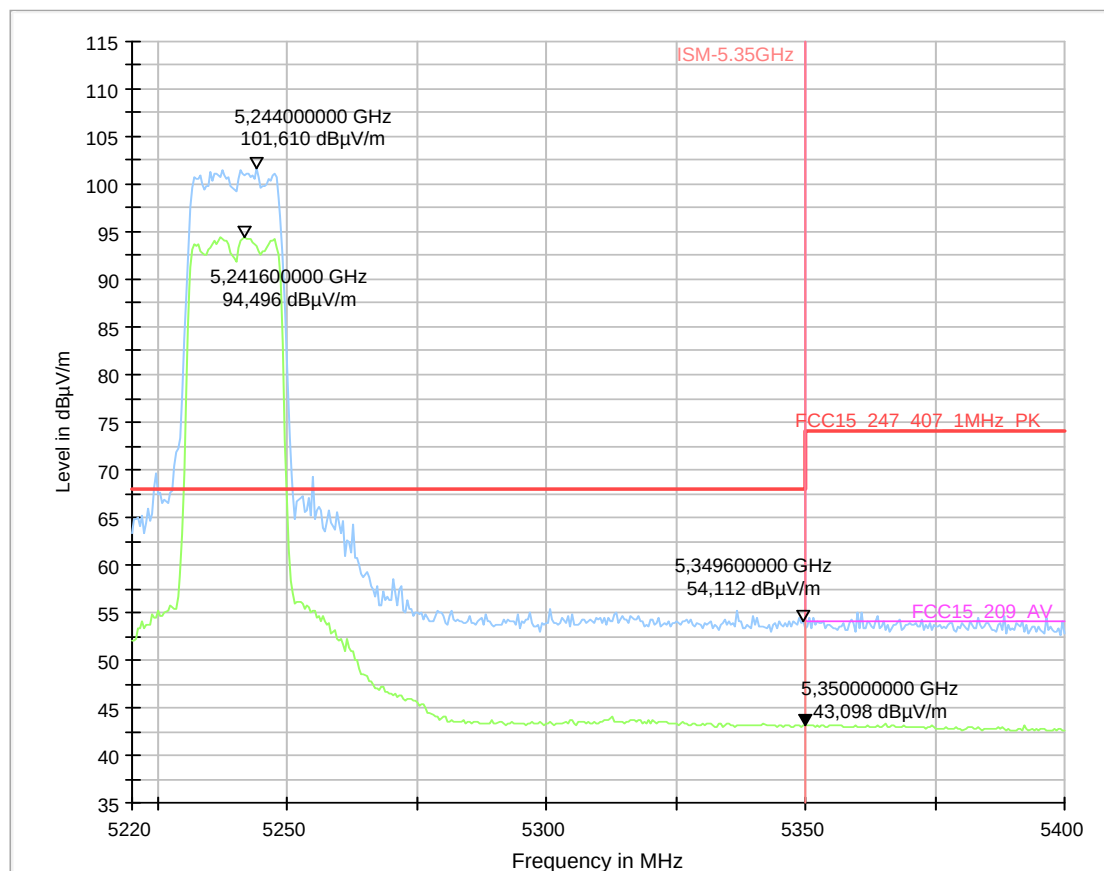
Common Information

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:	EMC32 V 9.25.00
Operation mode:	11n 20MHz MCS0 48
Operator Name:	RI
Comment:	

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum



9.11b_BE_11n_ch52_20MHz_MCS0

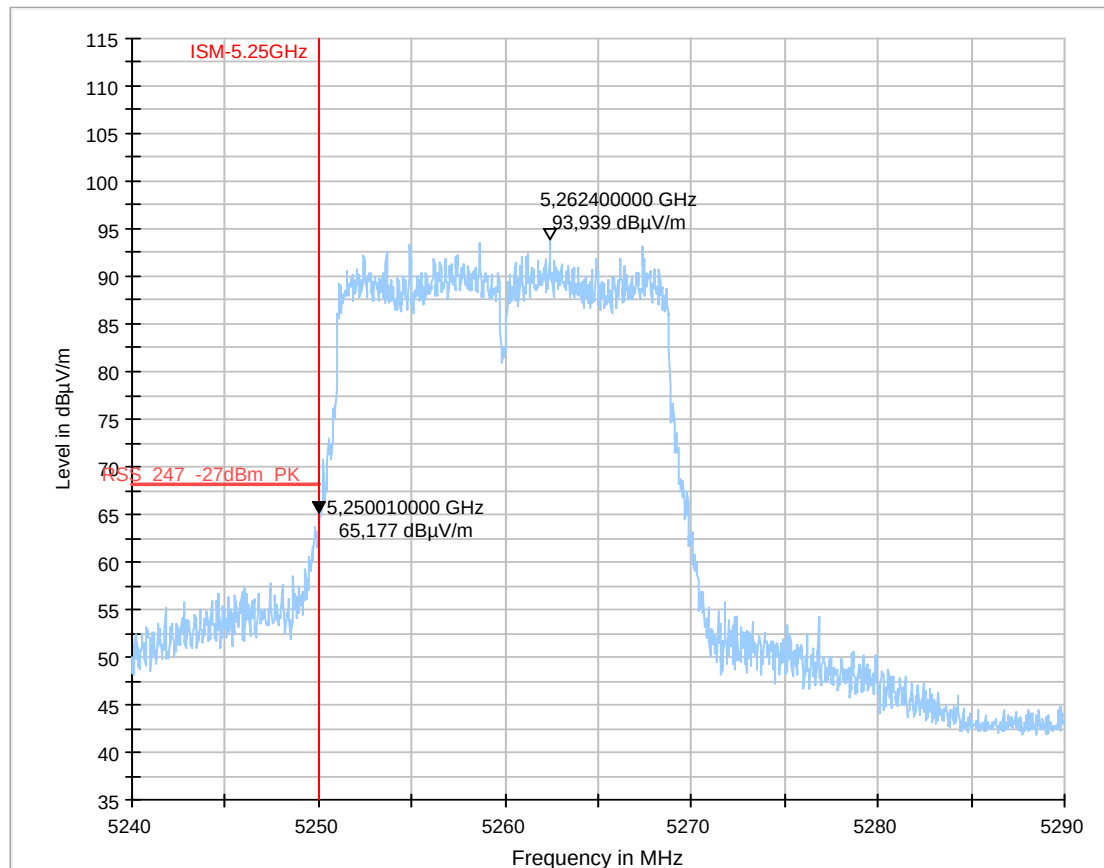
Common Information

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:	EMC32 V 9.25.00
Operation mode:	11n 20MHz MCS0 52
Operator Name:	RI
Comment:	

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum



9.12_BE_11n_ch64_20MHz_MCS0

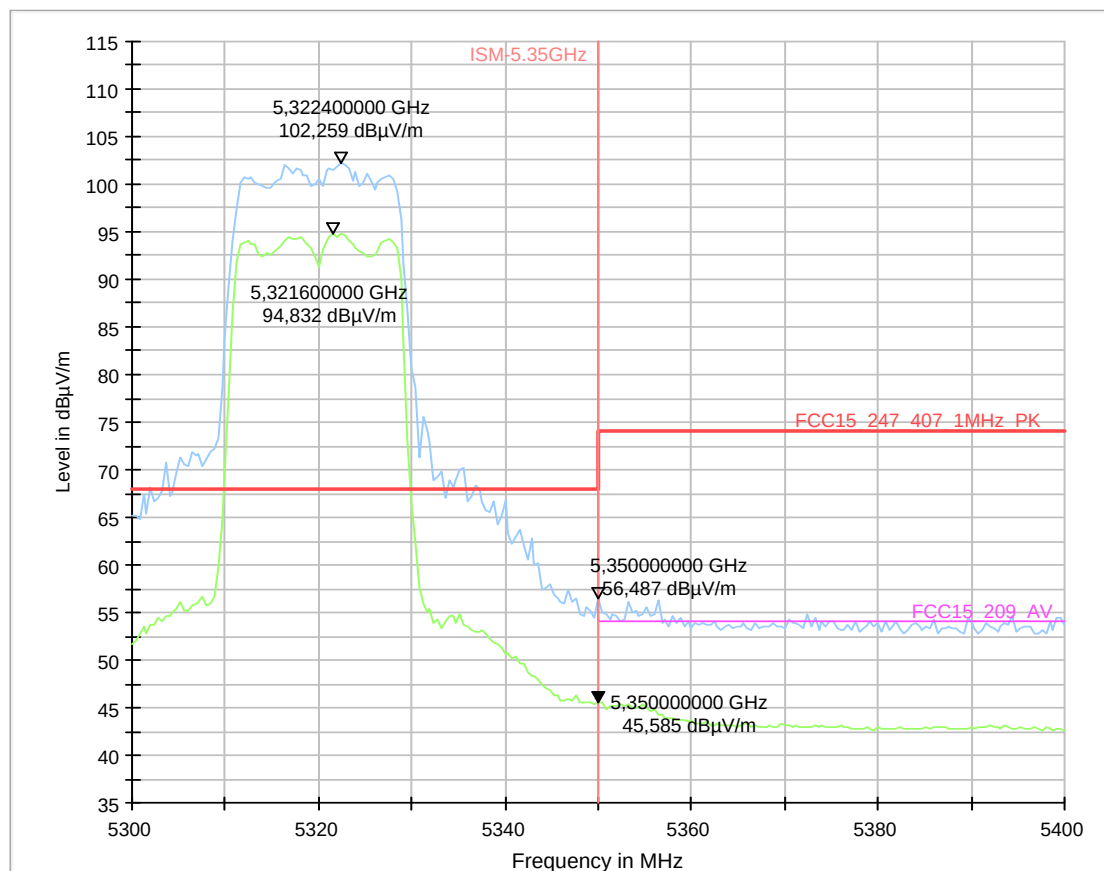
Common Information

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:	EMC32 V 9.25.00
Operation mode:	11n 20MHz MCS0 64
Operator Name:	RI
Comment:	

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum



9.13_BE_11n_ch100_20MHz_MCS0

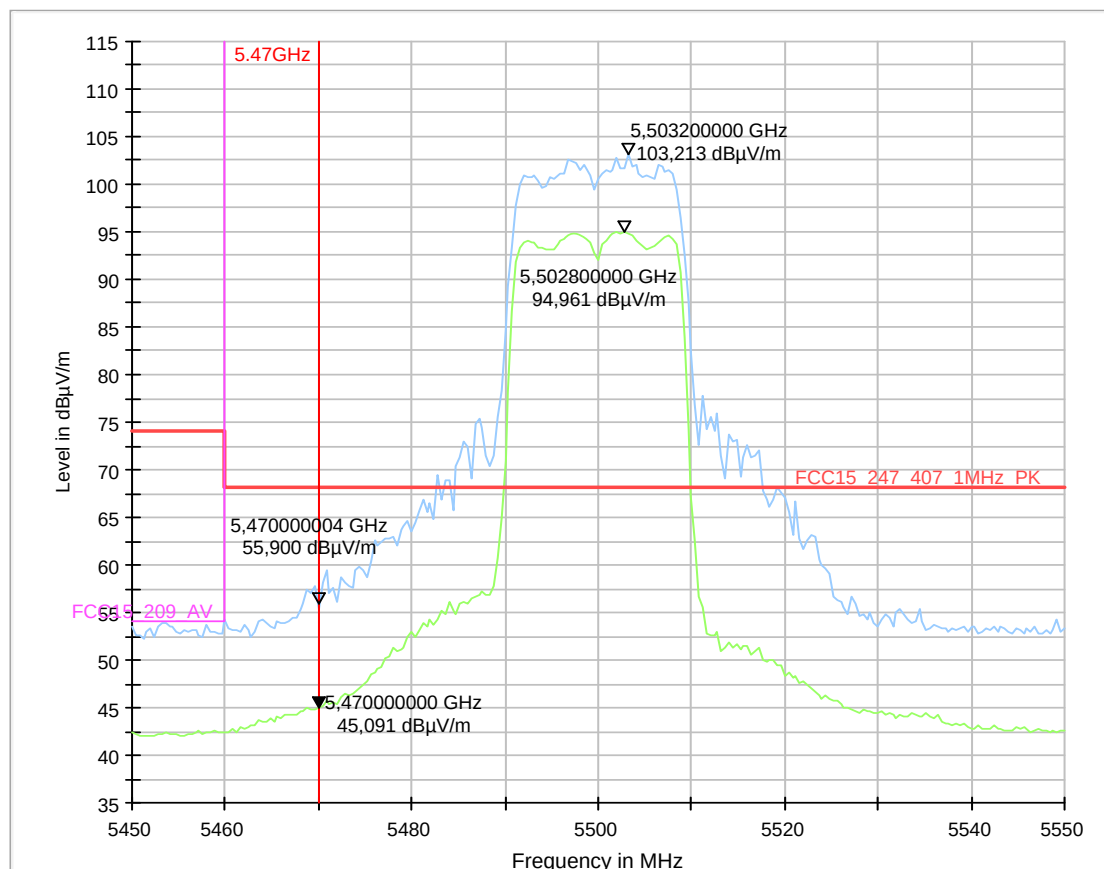
Common Information

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:	EMC32 V 9.25.00
Operation mode:	11n 20MHz MCS0 100
Operator Name:	RI's
Comment:	

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum



9.14_BE_11n_ch140_20MHz_MCS0

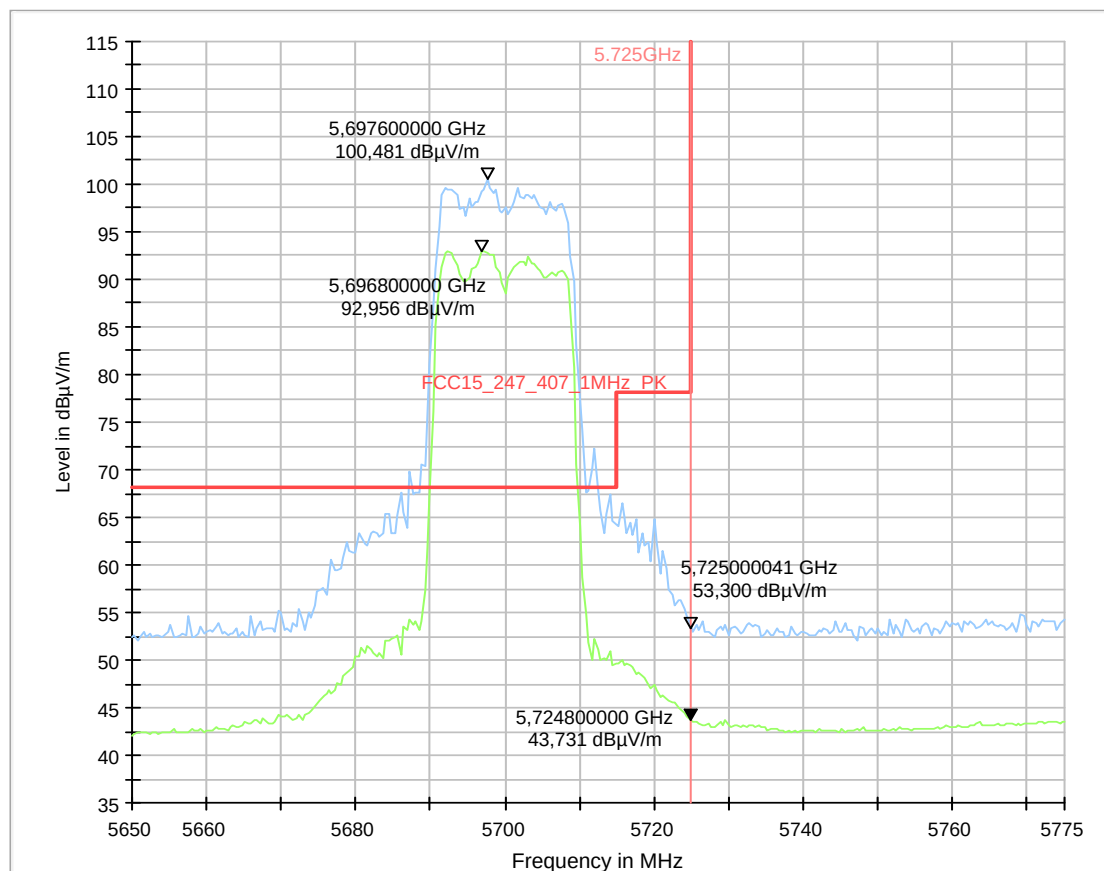
Common Information

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:	EMC32 V 9.25.00
Operation mode:	11n 20MHz MCS0 140
Operator Name:	RI
Comment:	

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum



9.15_BE_11n_ch149_20MHz_MCS0

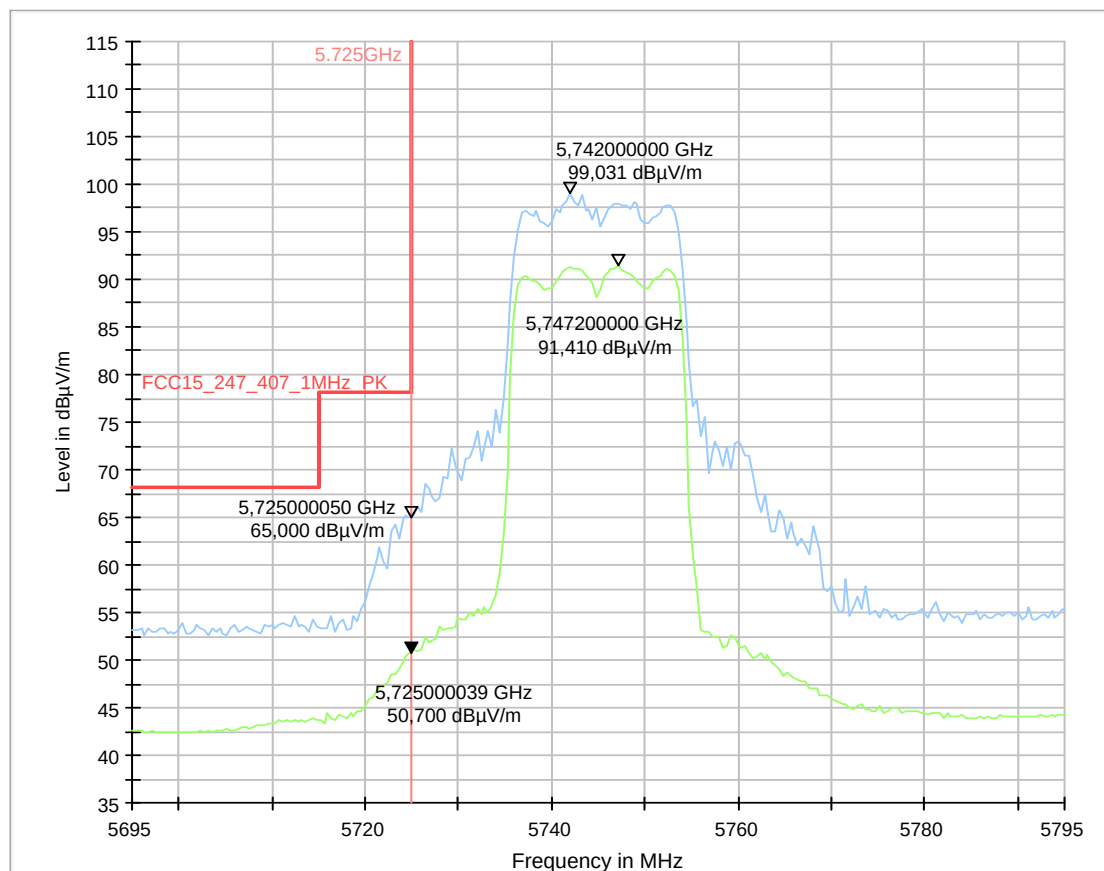
Common Information

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:	EMC32 V 9.25.00
Operation mode:	11n 20MHz MCS0 149
Operator Name:	RI's
Comment:	

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum



9.16_BE_11n_ch165_20MHz_MCS0

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:	EMC32 V 9.25.00
Operation mode:	11n 20MHz MCS0 165
Operator Name:	RI
Comment:	

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum

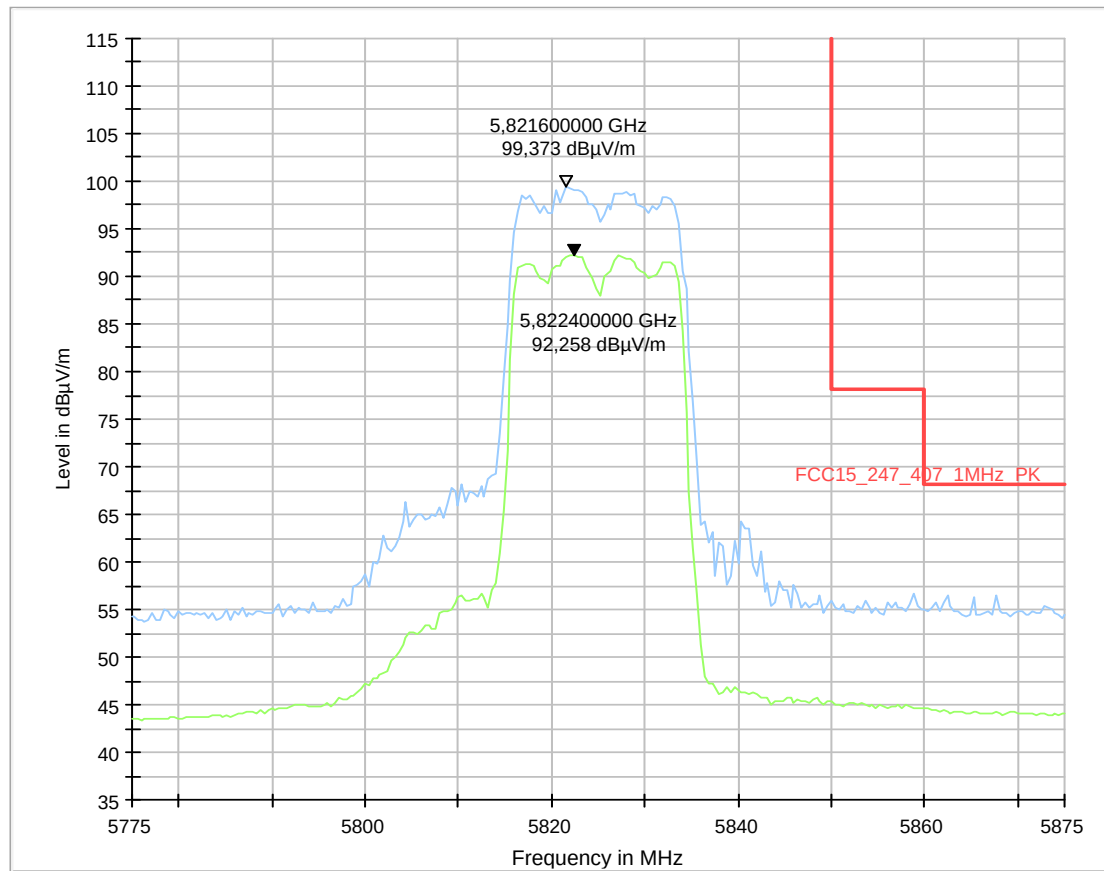


Diagram No.: 9.17_BE_11ac_ch36_20MHz_MCS0

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operation mode:	11ac 20MHz VHT_SS1_MCS0 36
Operator Name:	Klv

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-

EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum

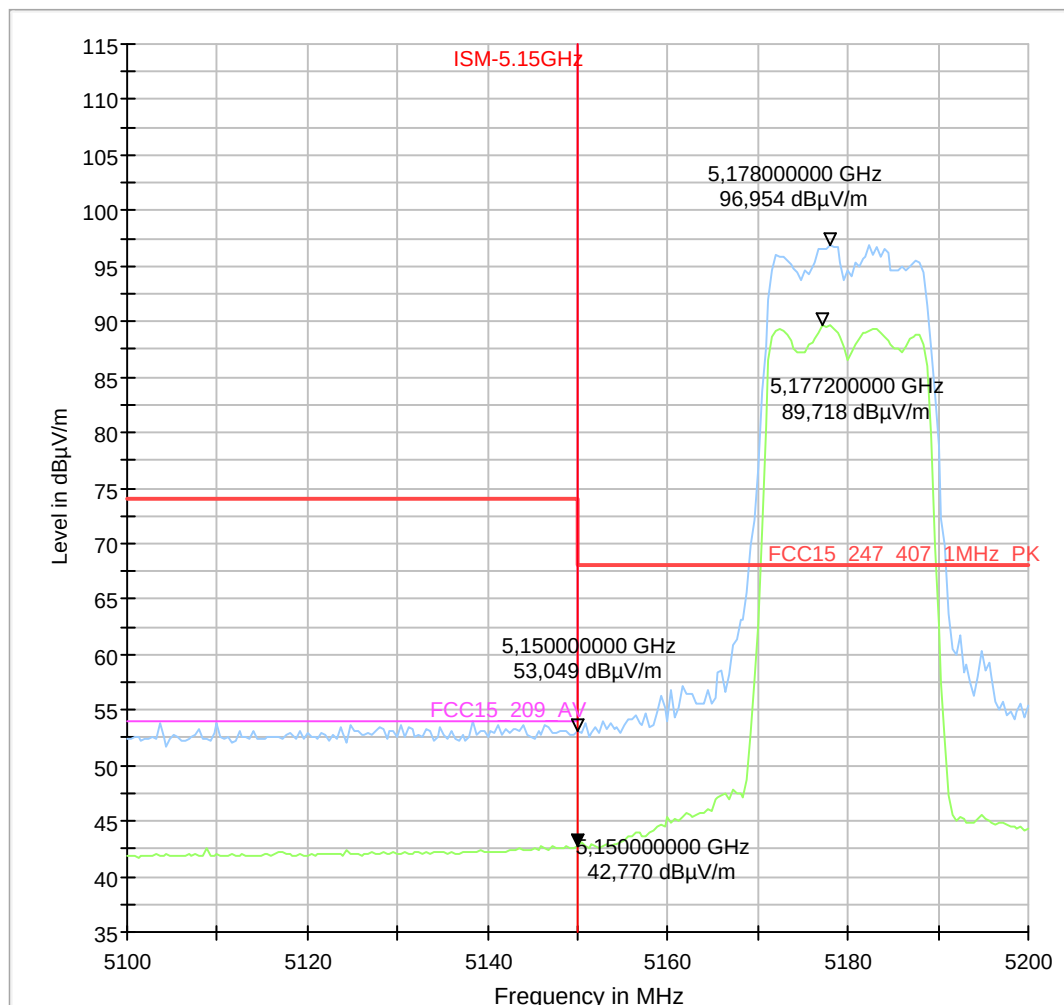


Diagram No.: 9.18_BE_11ac_ch48_20MHz_MCS0

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operation mode:	11ac 20MHz VHT_SS1_MCS0 48
Operator Name:	Klv

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum

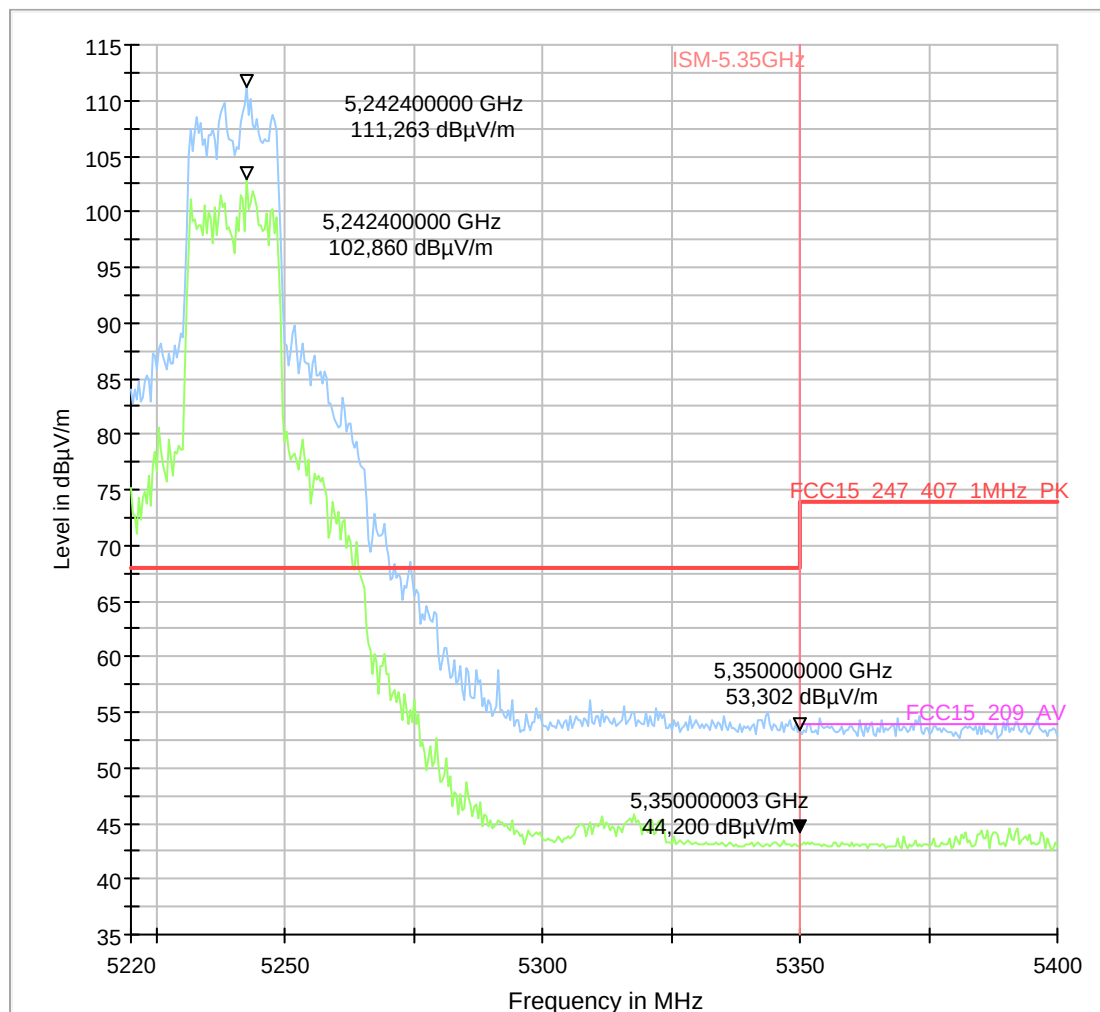


Diagram No.: 9.19b_BE_11ac_ch52_20MHz_MCS2**Common Information**

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operation mode:	11ac 20MHz VHT_SS1_MCS2 52
Operator Name:	Klv

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-

EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum

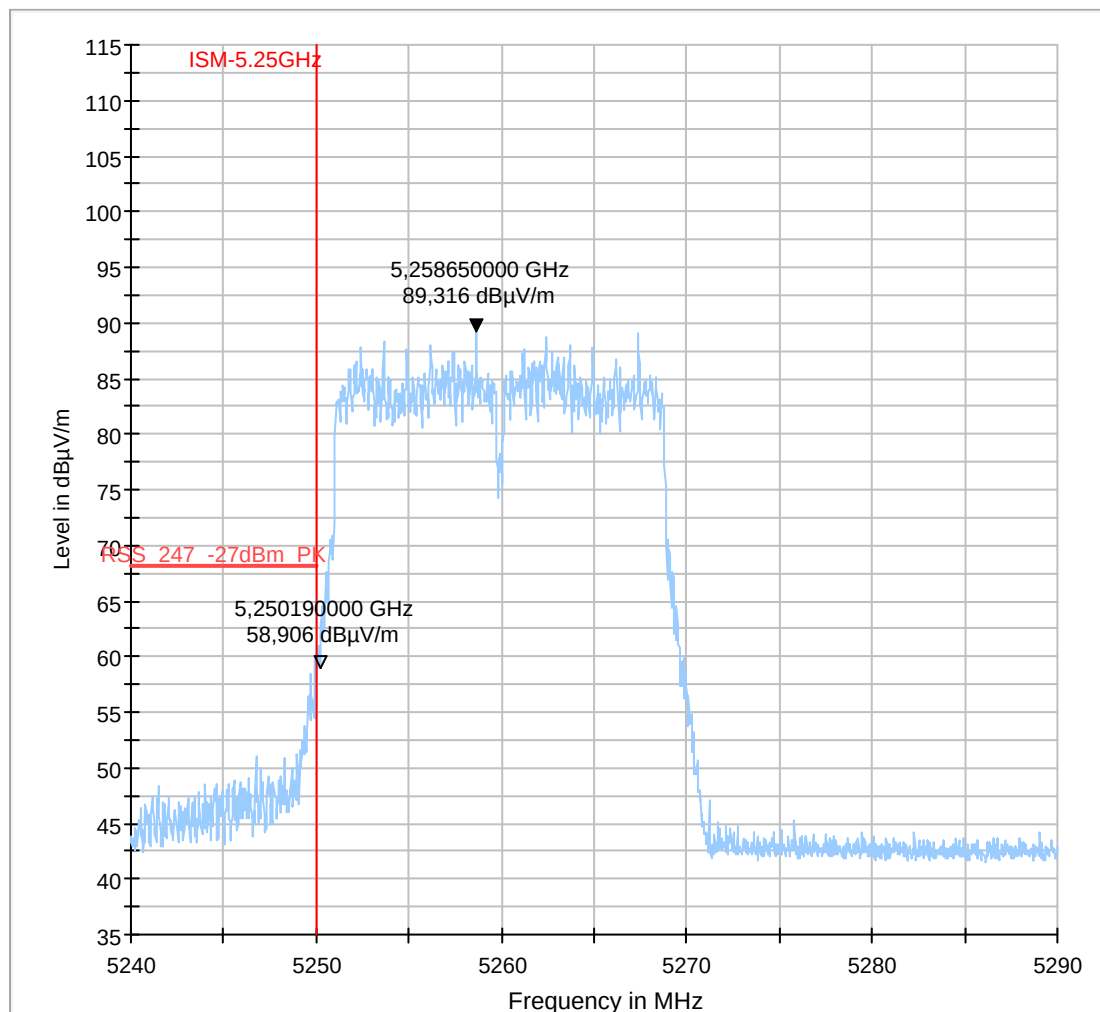


Diagram No.: 9.20_BE_11ac_ch64_20MHz_MCS0

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operation mode:	11ac 20MHz VHT_SS1_MCS0 64
Operator Name:	Klv

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum

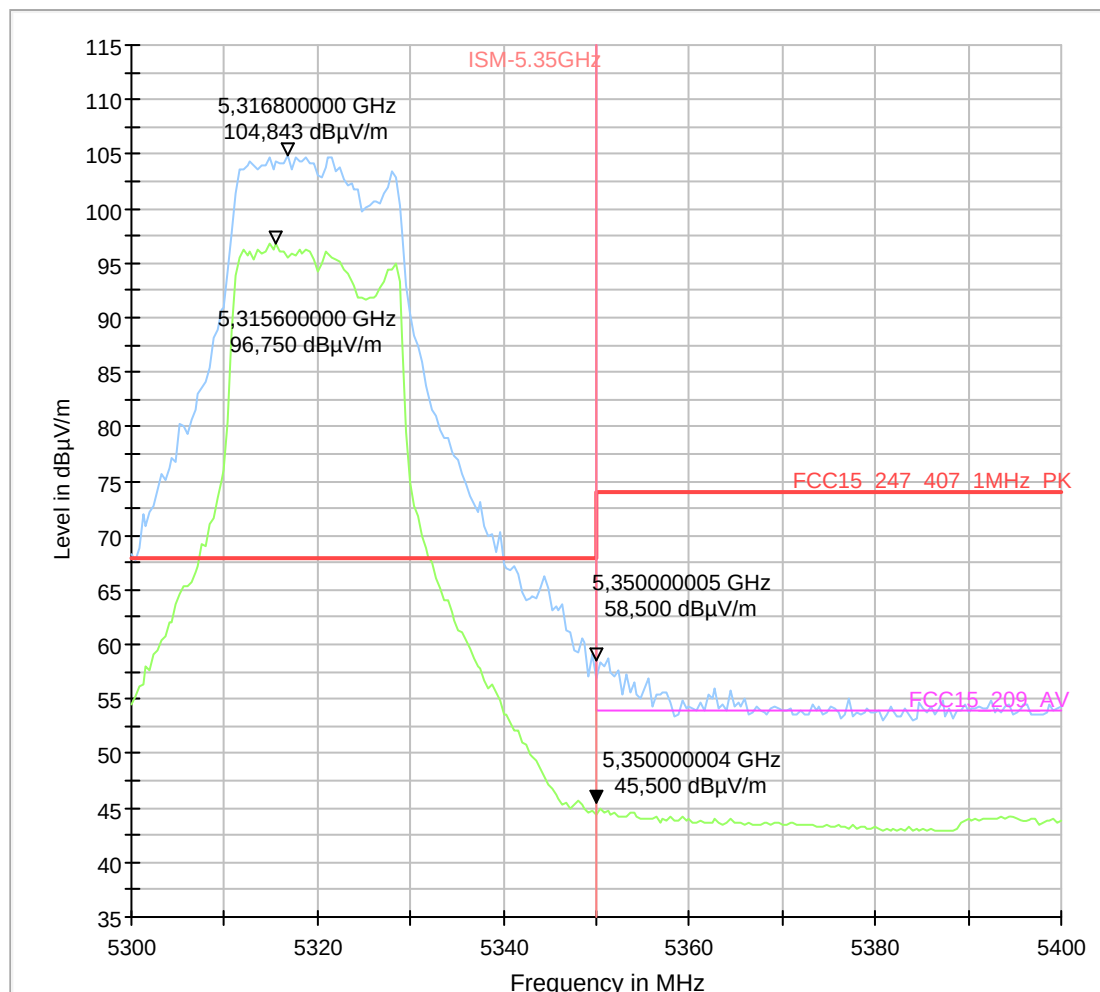


Diagram No.: 9.21_BE_11ac_ch100_20MHz_MCS0

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operation mode:	11ac 20MHz VHT_SS1_MCS0 100
Operator Name:	Klv

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum

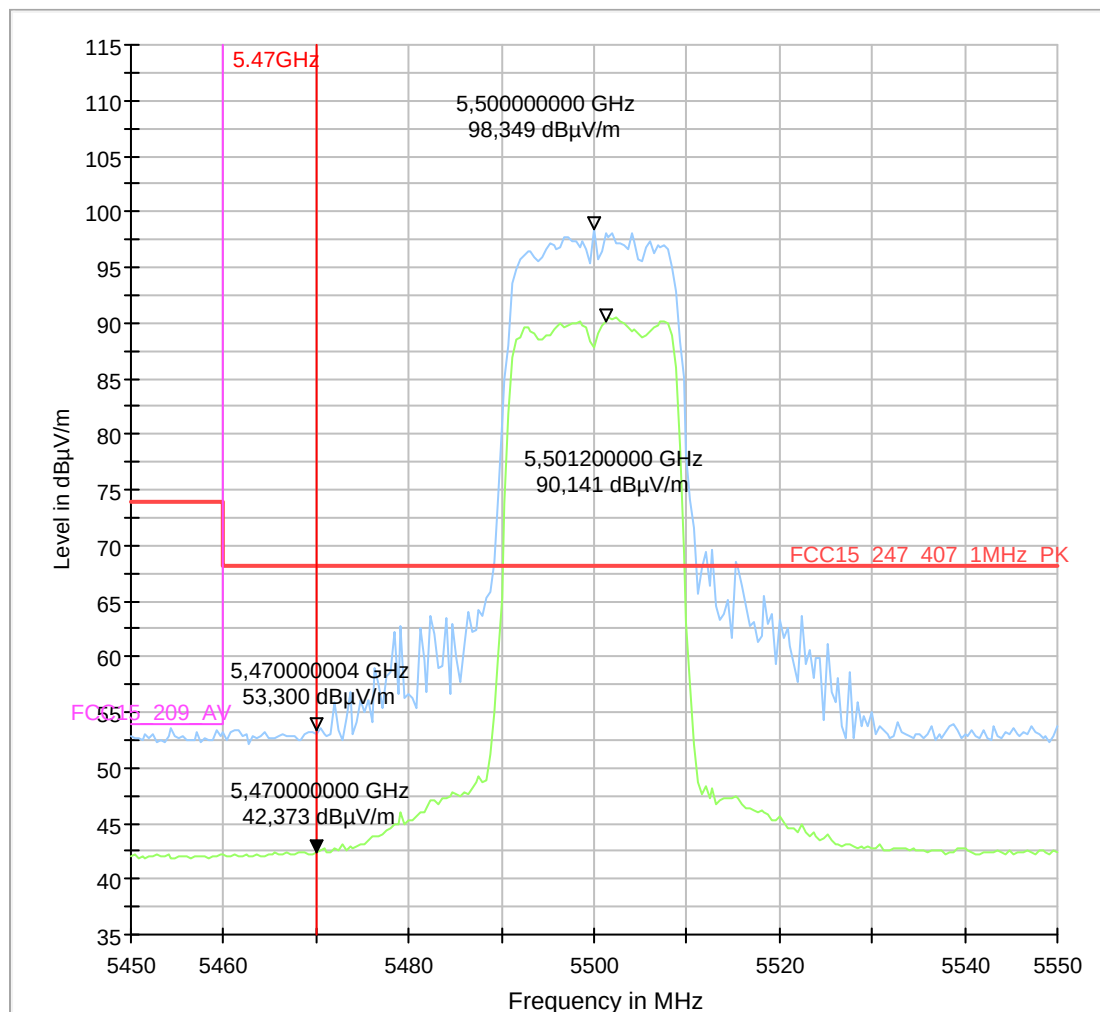


Diagram No.: 9.22_BE_11ac_ch140_20MHz_MCS1

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operation mode:	11ac 20MHz VHT_SS1_MCS1 140
Operator Name:	Klv

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum

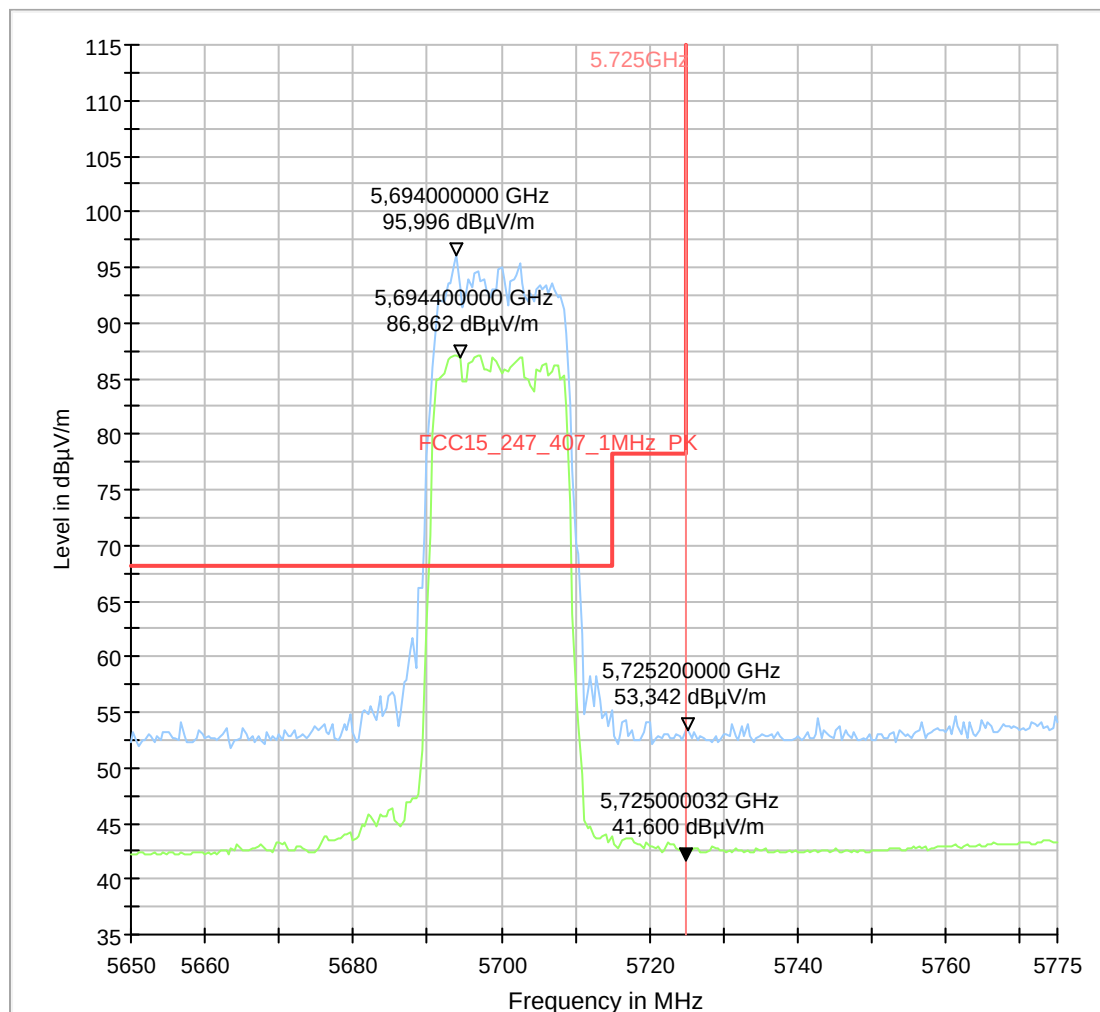


Diagram No.: 9.23_BE_11ac_ch149_20MHz_MCS0

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operation mode:	11ac 20MHz VHT_SS1_MCS0 149
Operator Name:	Klv

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

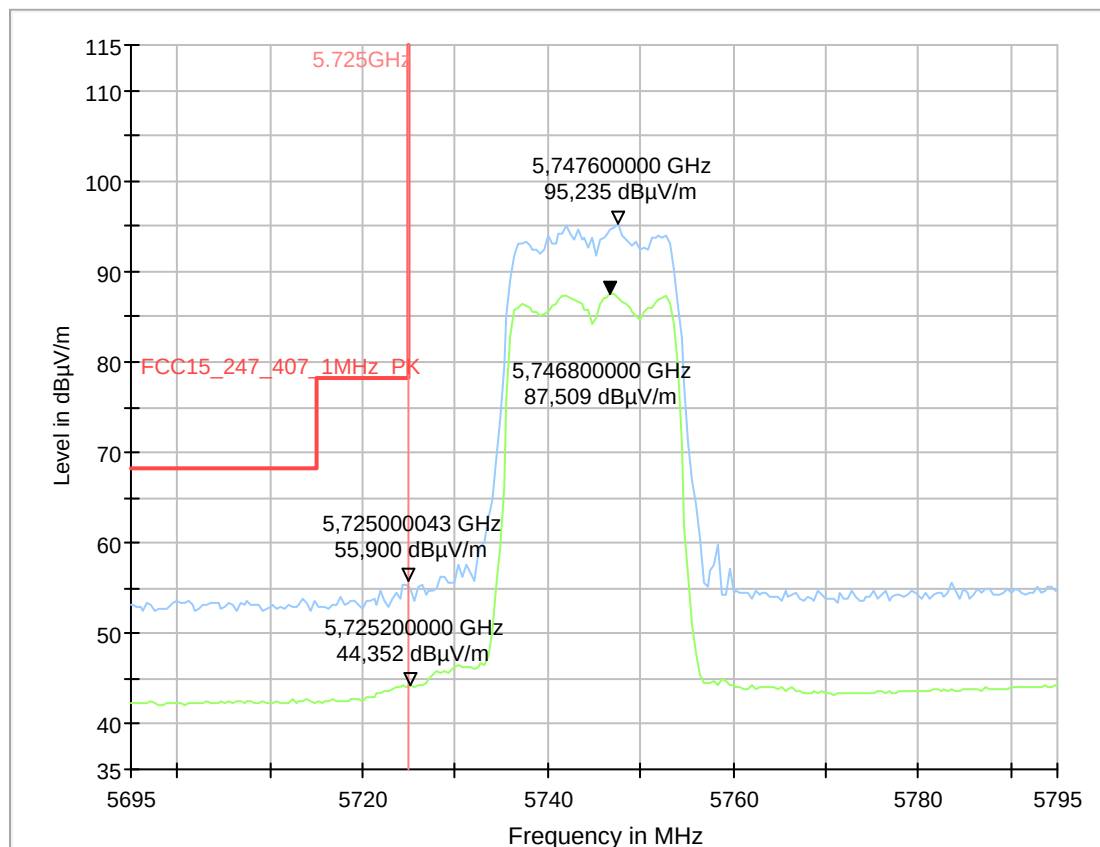


Diagram No.: 9.24_BE_11ac_ch165_20MHz_MCS0

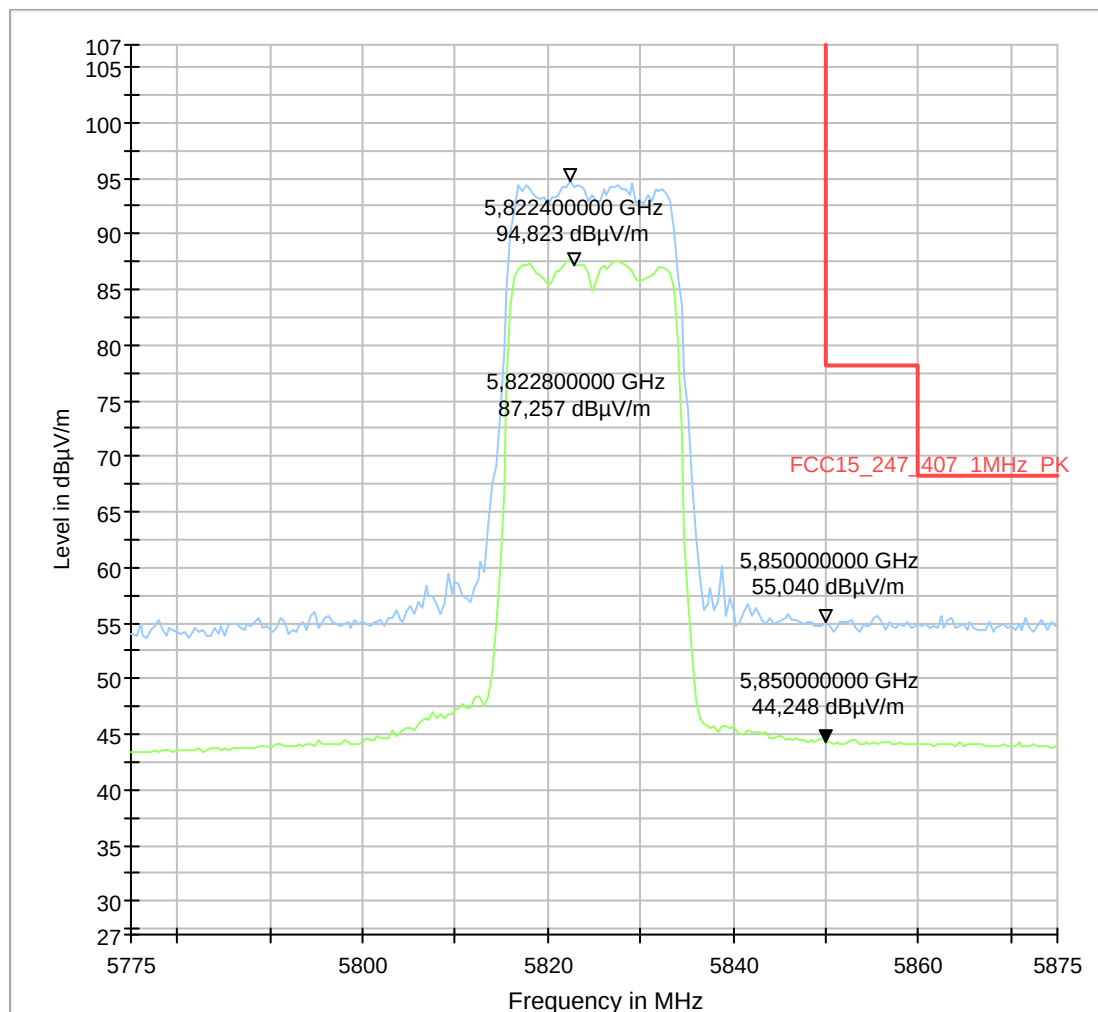
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operation mode:	11ac 20MHz VHT_SS1_MCS0 165
Operator Name:	Klv

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum



3.2. Radiated Band Edge for 40MHz Bandwidth n, ac Mode

9.25_BE_11n_ch38_40MHz_MCS0

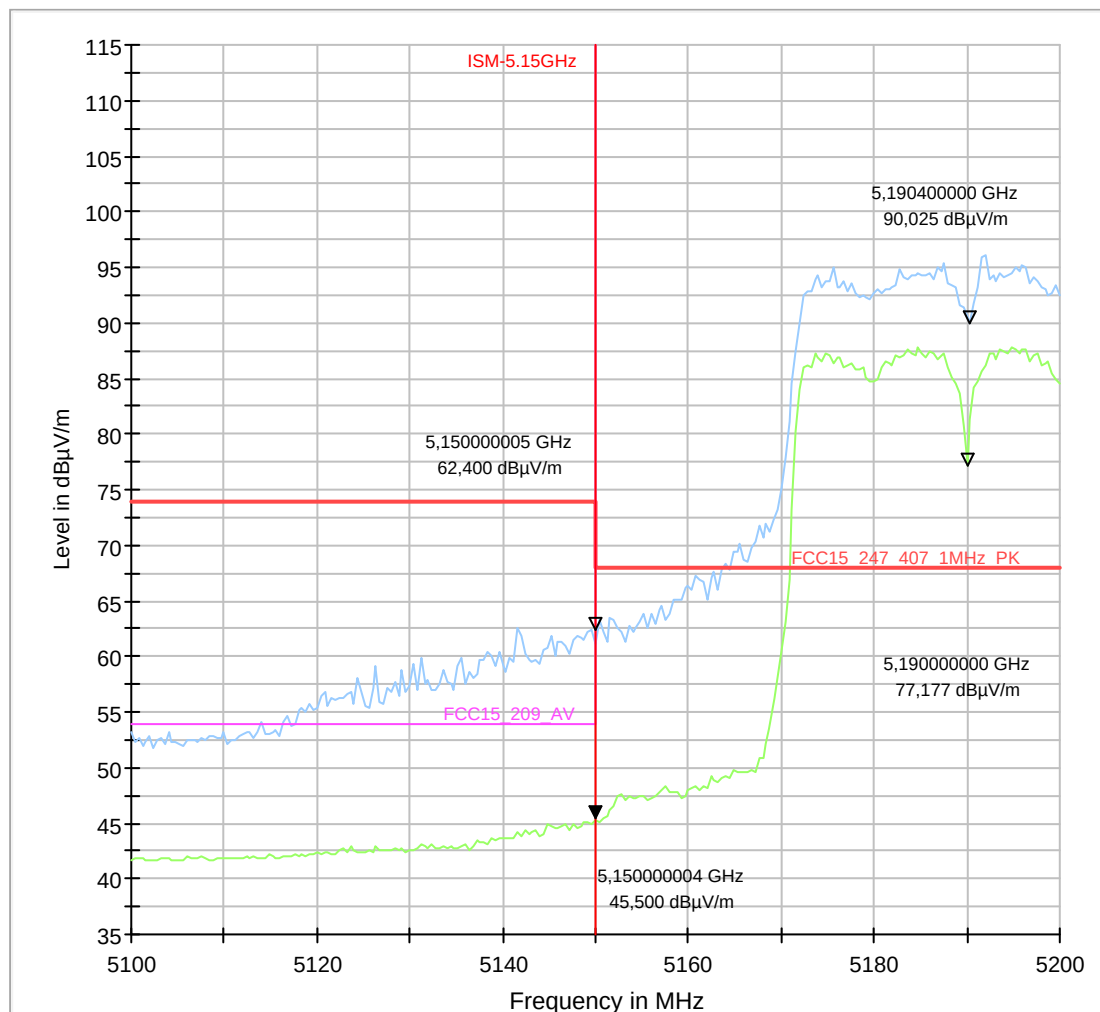
Common Information

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:	EMC32 V 9.25.00
Operation mode:	11n 40MHz MCS0 38 Burst
Operator Name:	RI
Comment:	

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum



9.26_BE_11n_ch46_40MHz_MCS0

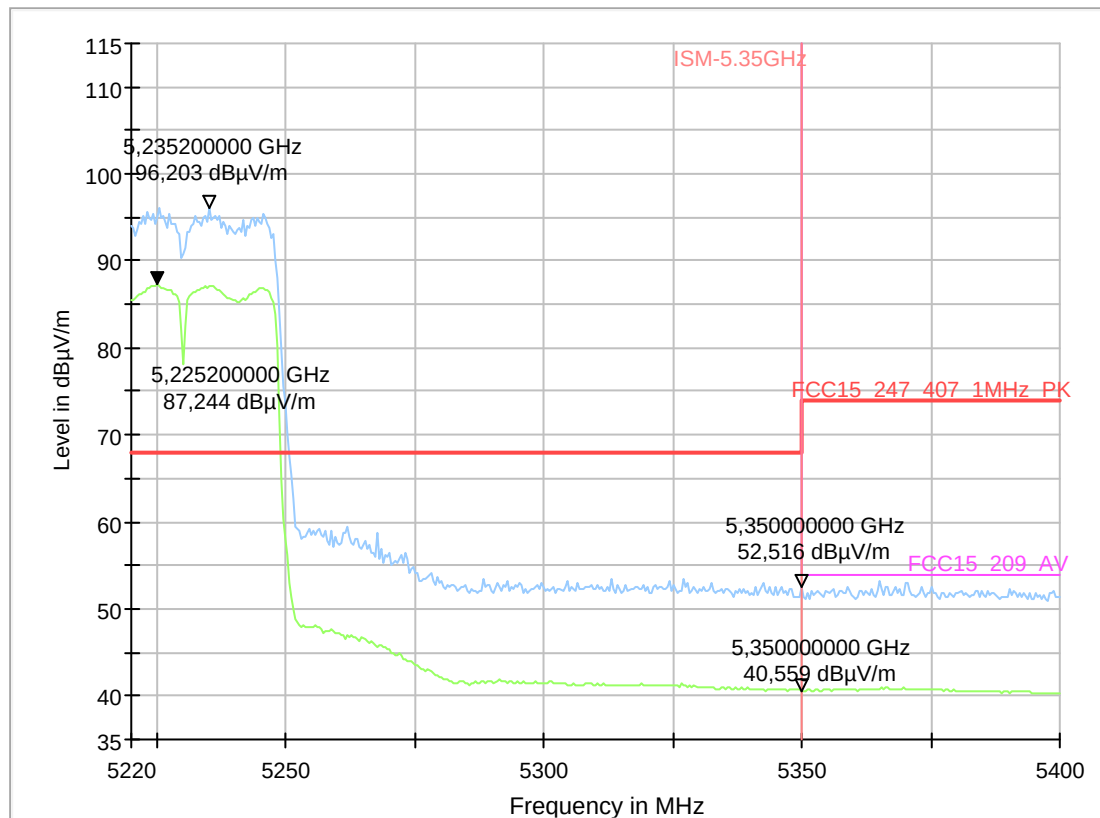
Common Information

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:	EMC32 V 9.25.00
Operation mode:	11n 40MHz MCS0 46 Burst
Operator Name:	RI
Comment:	

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum



9.27b_BE_11n_ch54_40MHz_MCS0

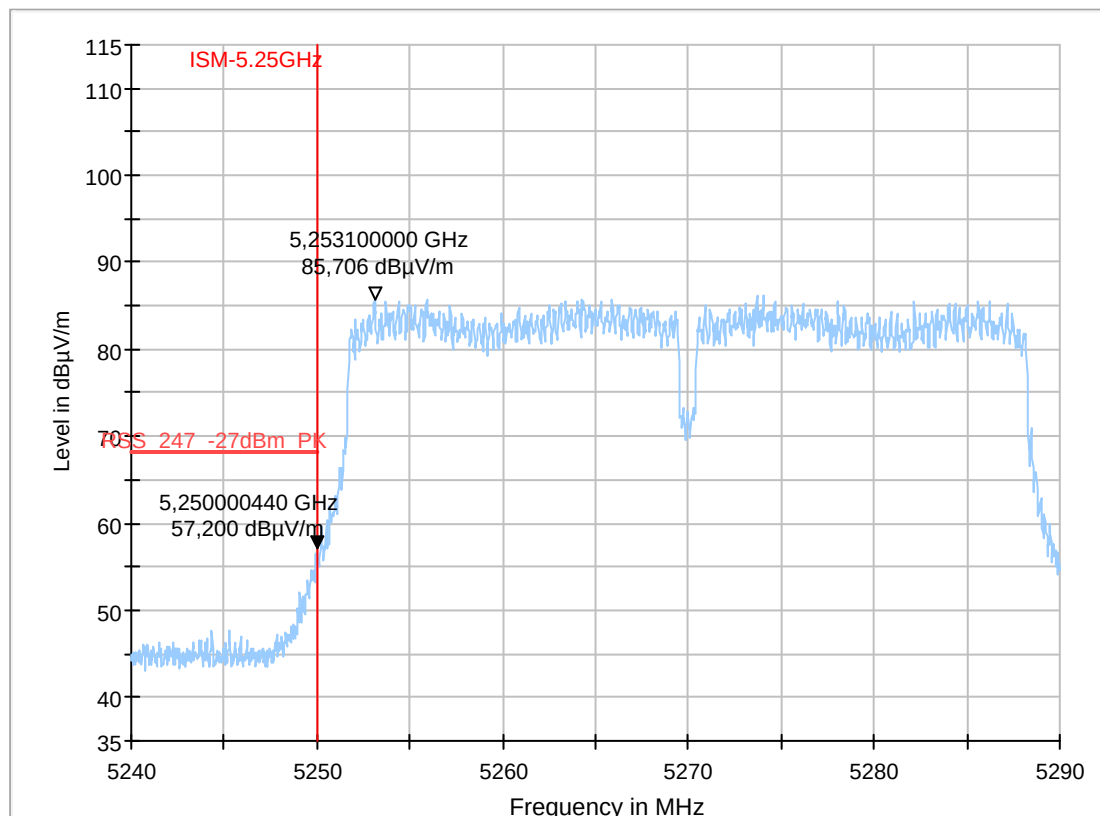
Common Information

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:	EMC32 V 9.25.00
Operation mode:	11n 40MHz MCS0 54 Burst
Operator Name:	RI
Comment:	

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum



9.28_BE_11n_ch62_40MHz_MCS0

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:	EMC32 V 9.25.00
Operation mode:	11n 40MHz MCS0 62 Burst
Operator Name:	RI
Comment:	

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum

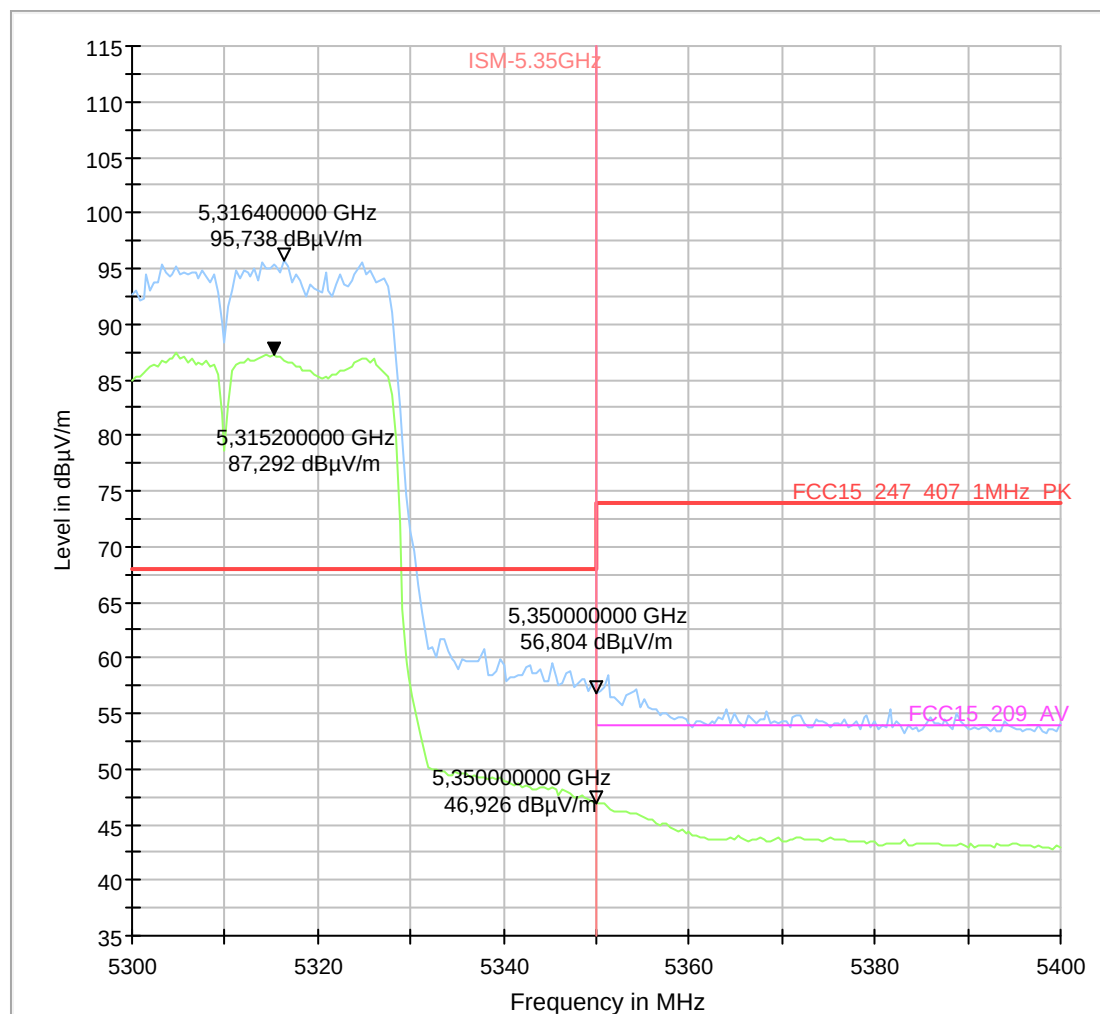


Diagram No.: 9.29_BE_11n_ch102_40MHz_MCS1_burst

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operation mode:	TX, continuous
Operator Name:	Mah
Comment:	11n 40MHz MCS1 102

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-

EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum

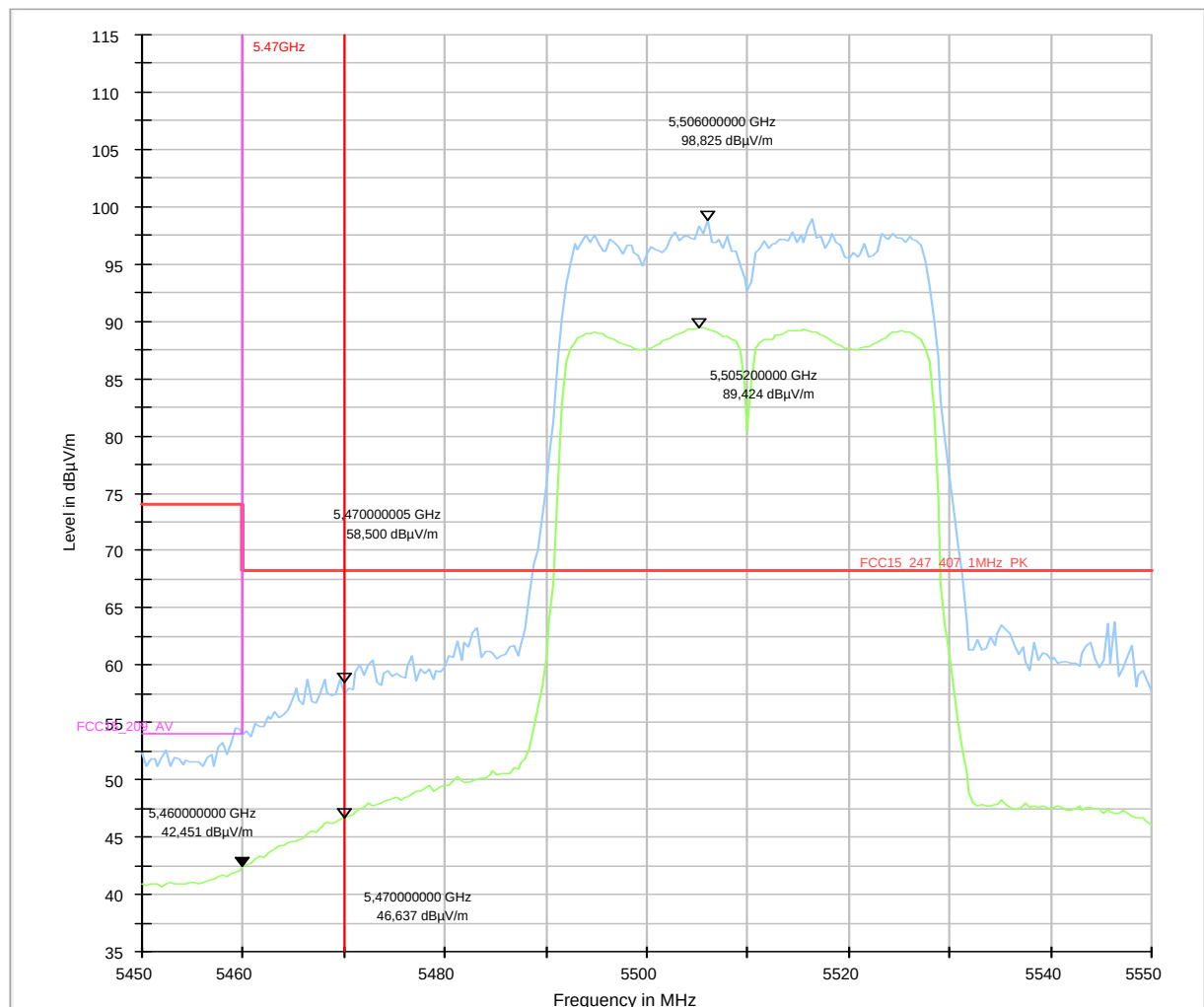


Diagram No.: 9.30_BE_11n_ch134_40MHz_MCS0

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operation mode:	11n 40MHz MCS0 134 Burst
Operator Name:	Klv

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum

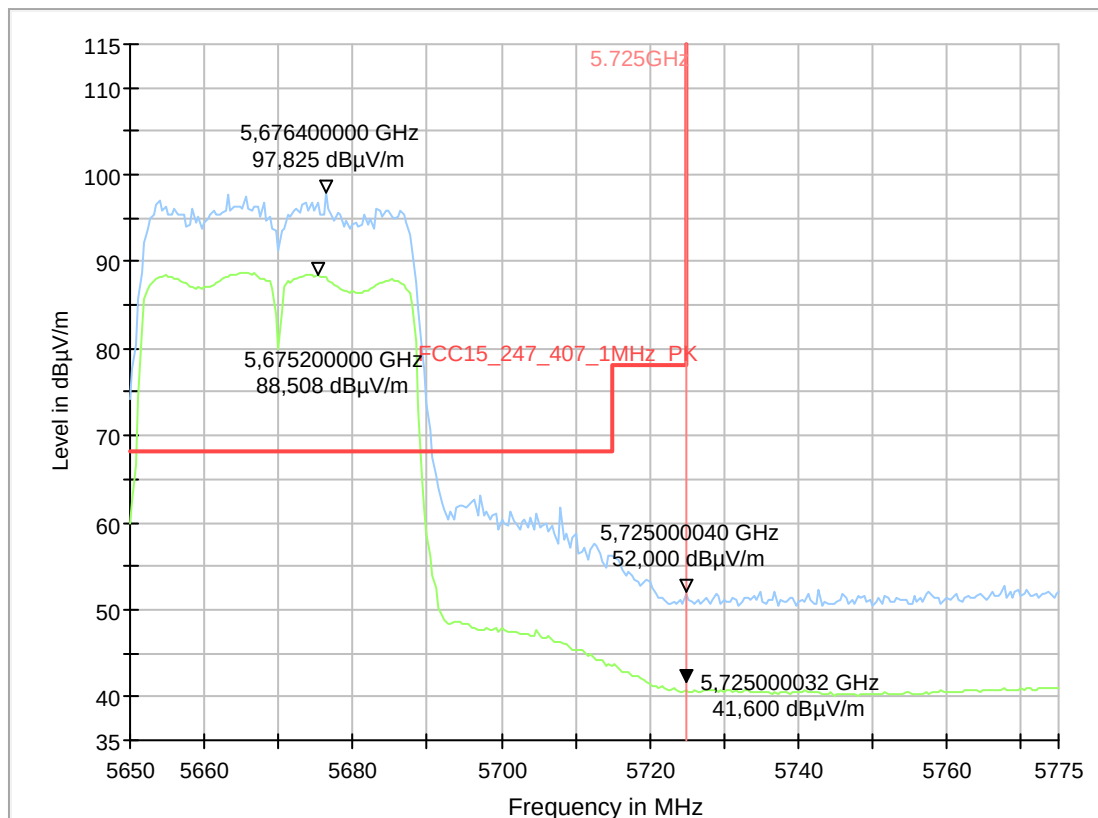


Diagram No.: 9.31_BE_11n_ch151_40MHz_MCS0

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operation mode:	11n 40MHz MCS0 151 Burst
Operator Name:	Klv

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum

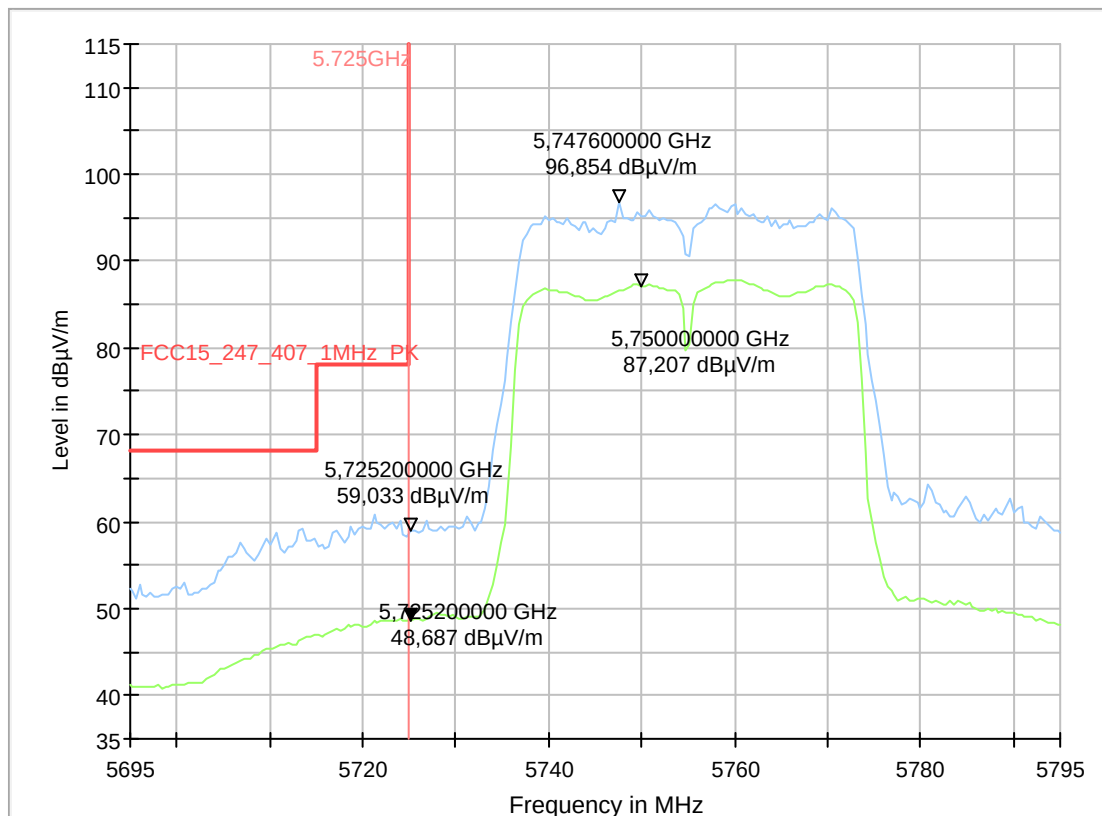


Diagram No.: 9.32_BE_11n_ch159_40MHz_MCS0

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operation mode:	11n 40MHz MCS0 159 Burst
Operator Name:	Klv

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum

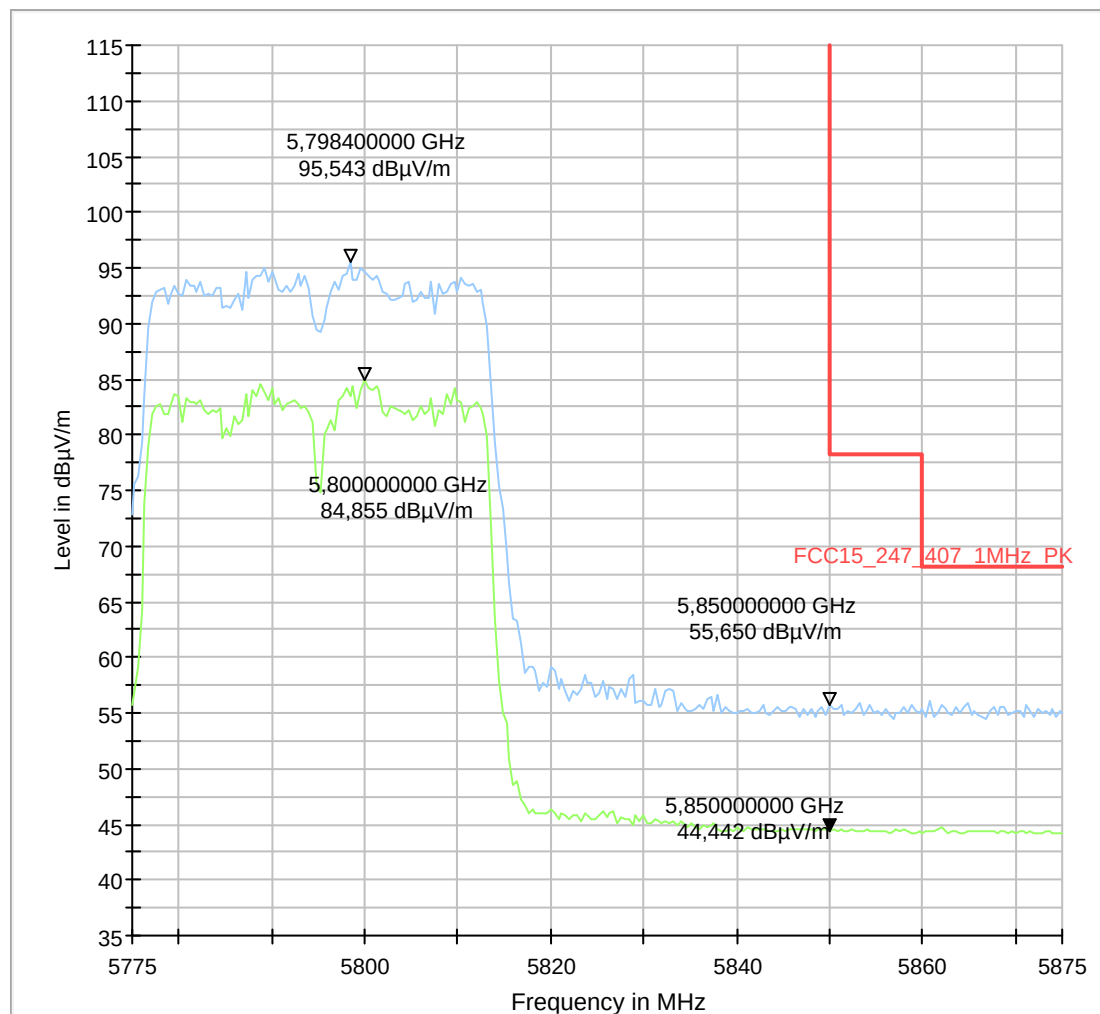


Diagram No.: 9.33_BE_11ac_ch38_40MHz_VHT_SS1_MCS6

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operation mode:	11ac 40MHz VHT_SS1_MCS6 38
Operator Name:	Klv

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum

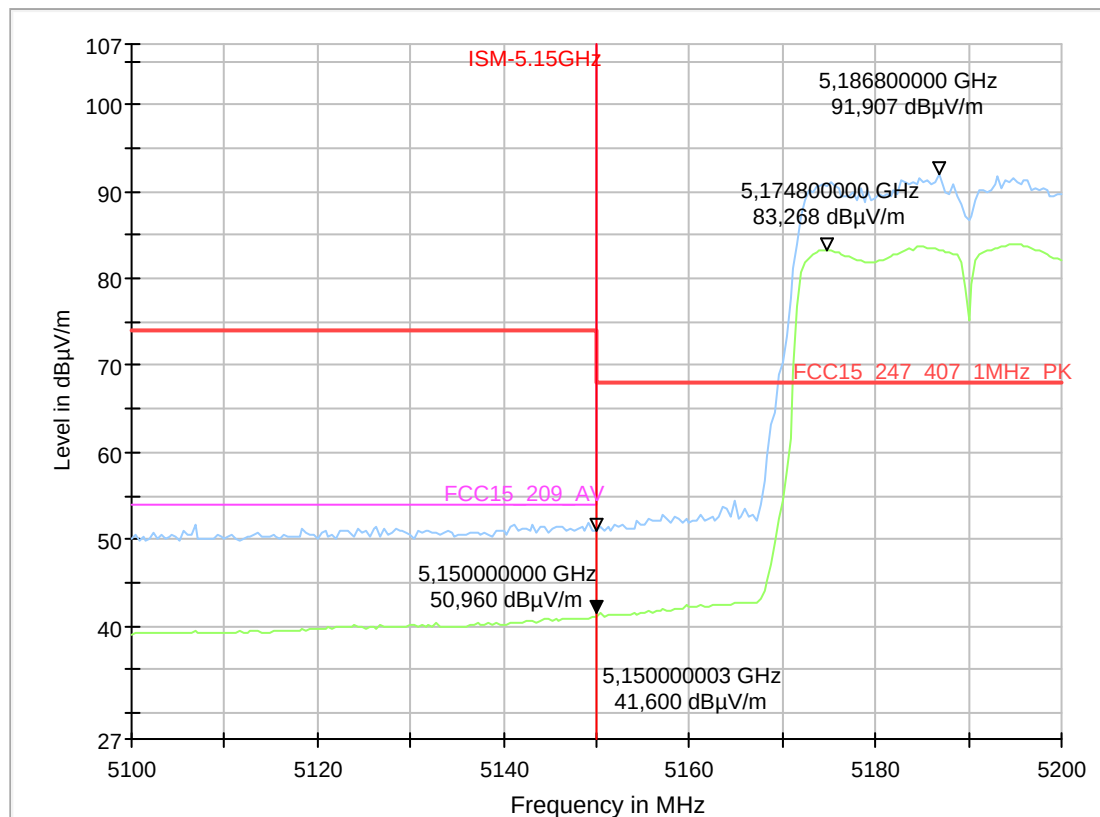


Diagram No.: 9.34_BE_11ac_ch46_40MHz_VHT_SS1_MCS6

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operation mode:	11ac 40MHz VHT_SS1_MCS6 46
Operator Name:	Klv

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum

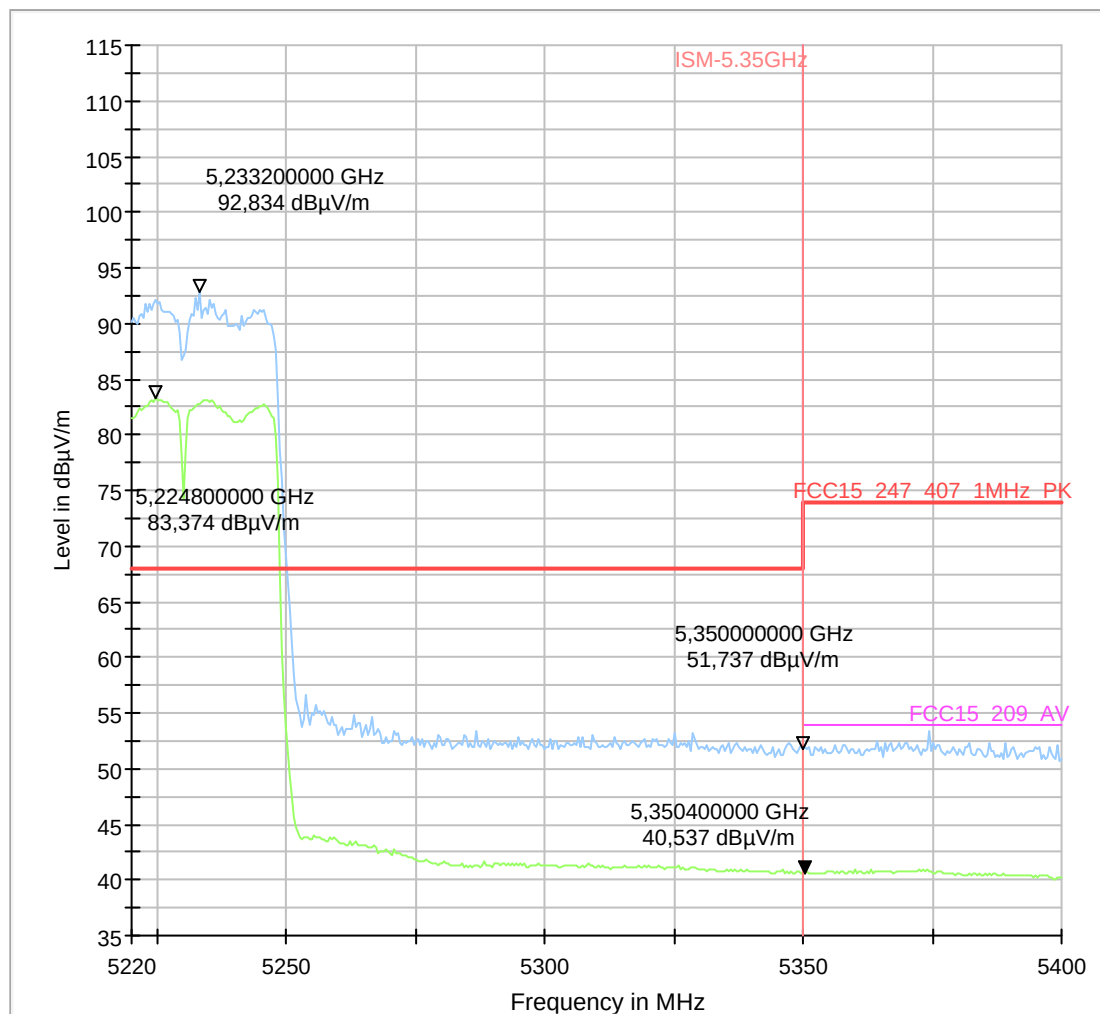


Diagram No.: 9.35_BE_11ac_ch54_40MHz_VHT_SS1_MCS6**Common Information**

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operation mode:	11ac 40MHz VHT_SS1_MCS6 54
Operator Name:	Klv

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum

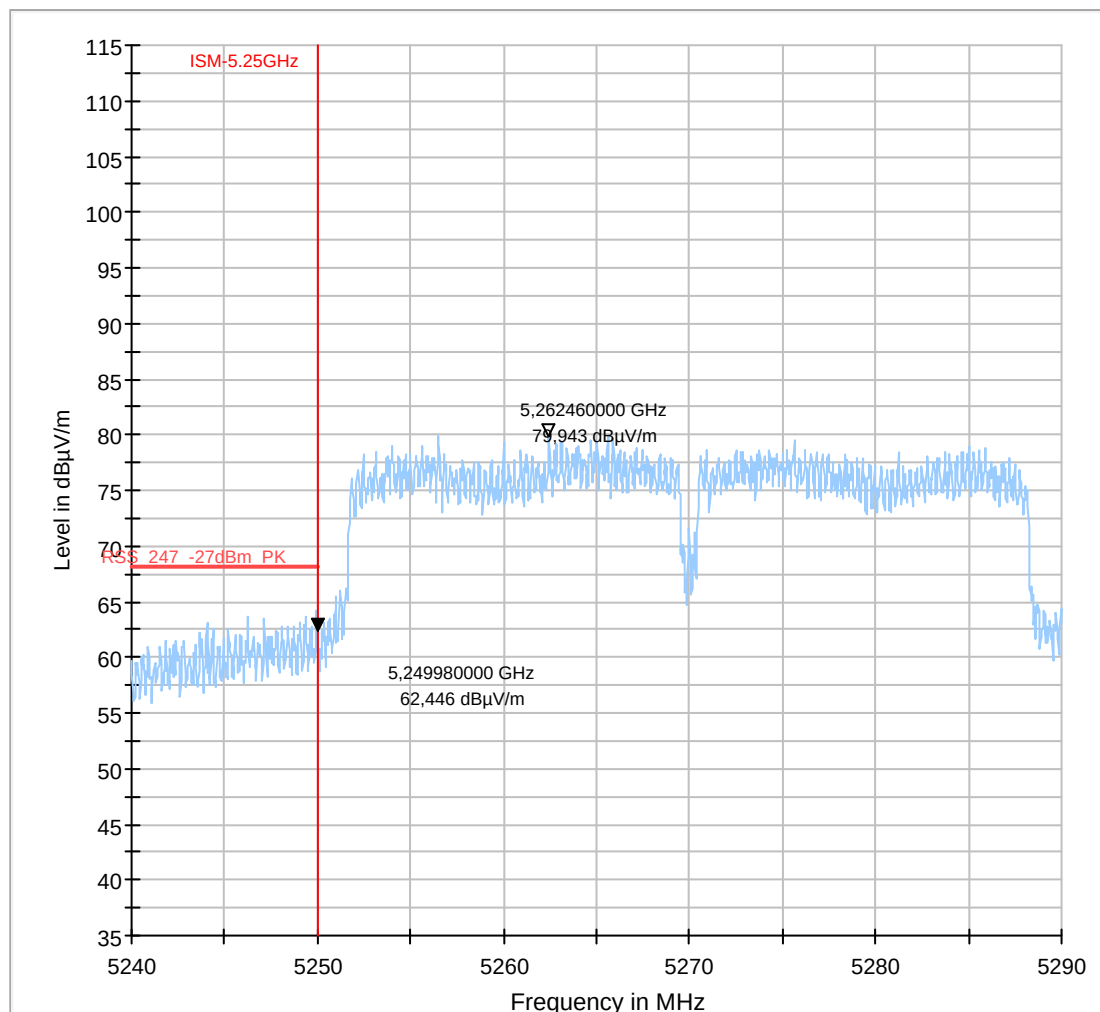


Diagram No.: 9.36_BE_11ac_ch62_40MHz_VHT_SS1_MCS6

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operation mode:	11ac 40MHz VHT_SS1_MCS6 62 Burst
Operator Name:	Klv

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-

EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum

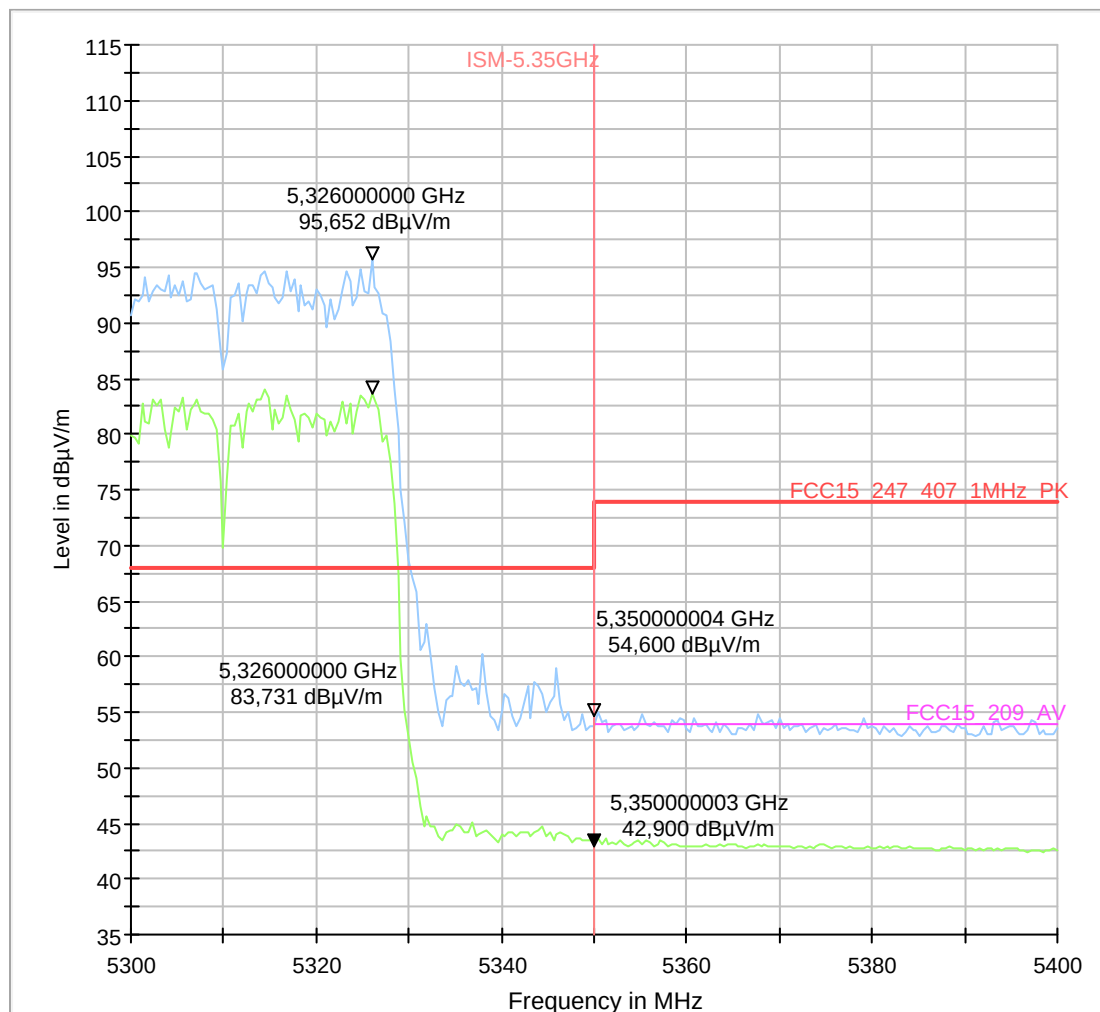


Diagram No.: 9.37_BE_11ac_ch102_40MHz_VHT_SS1_MCS6

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operation mode:	11ac 40MHz VHT_SS1_MCS6 102 Burst
Operator Name:	Klv

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-

EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum

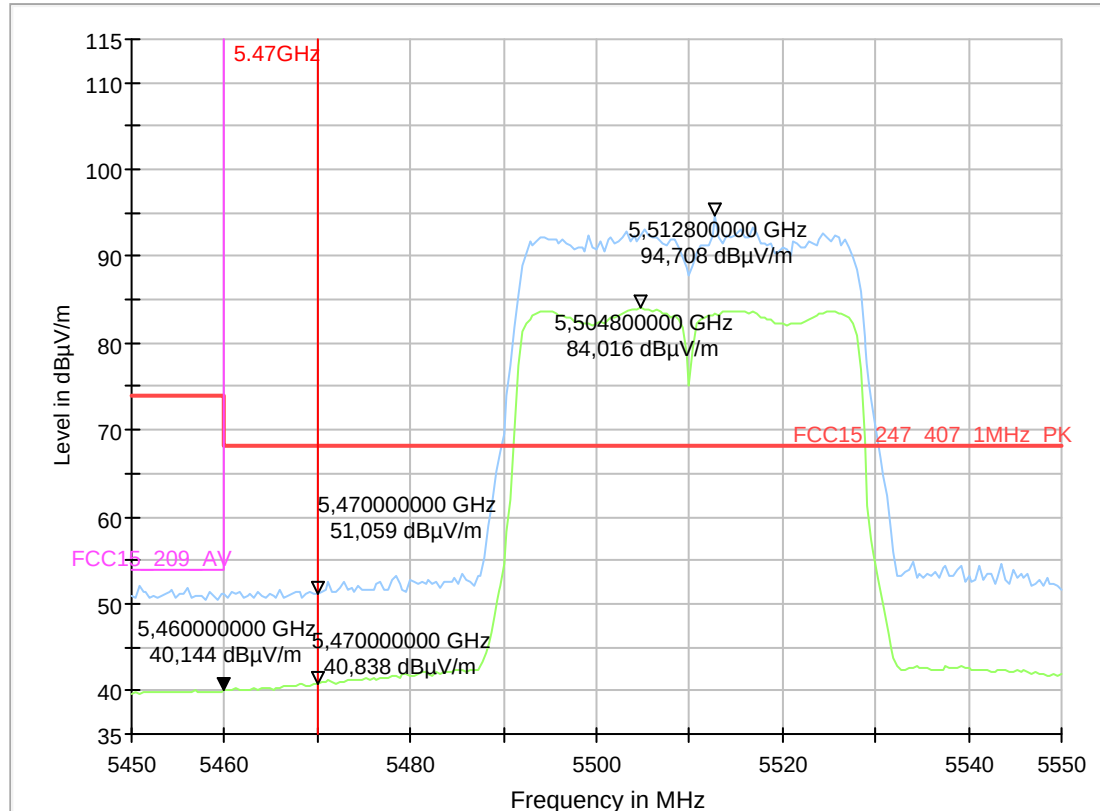


Diagram No.: 9.38_BE_11ac_ch134_40MHz_VHT_SS1_MCS6

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operation mode:	11ac 40MHz VHT_SS1_MCS6 134 Burst
Operator Name:	Klv

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum

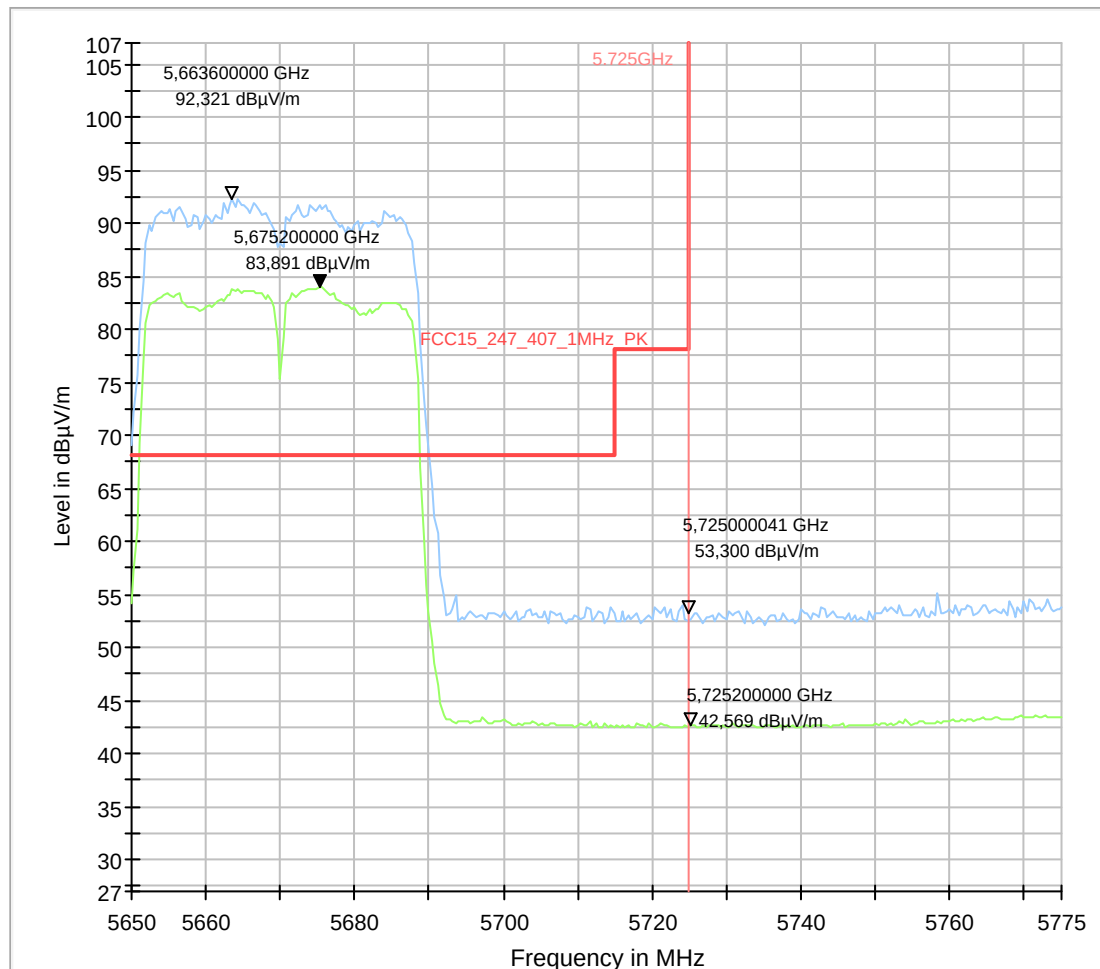


Diagram No.: 9.39_BE_11ac_ch151_40MHz_VHT_SS1_MCS6

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operation mode:	11ac 40MHz VHT_SS1_MCS6 151 Burst
Operator Name:	Klv

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-

EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum

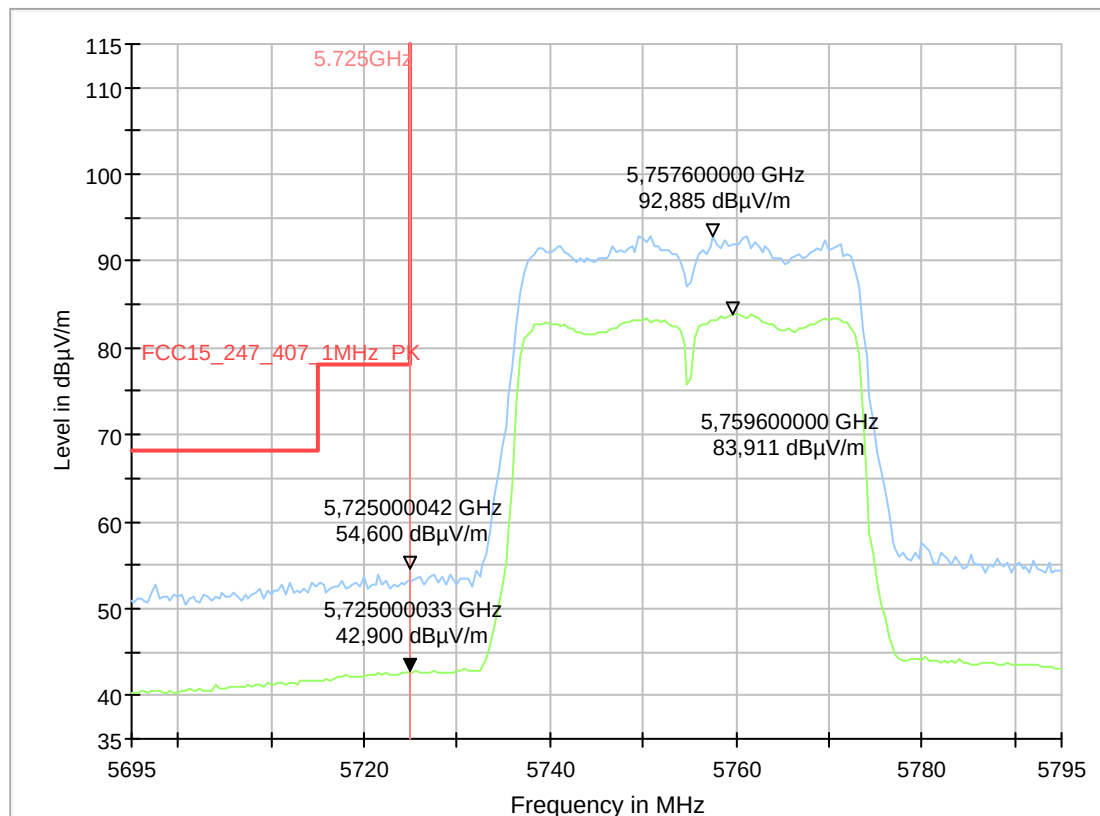


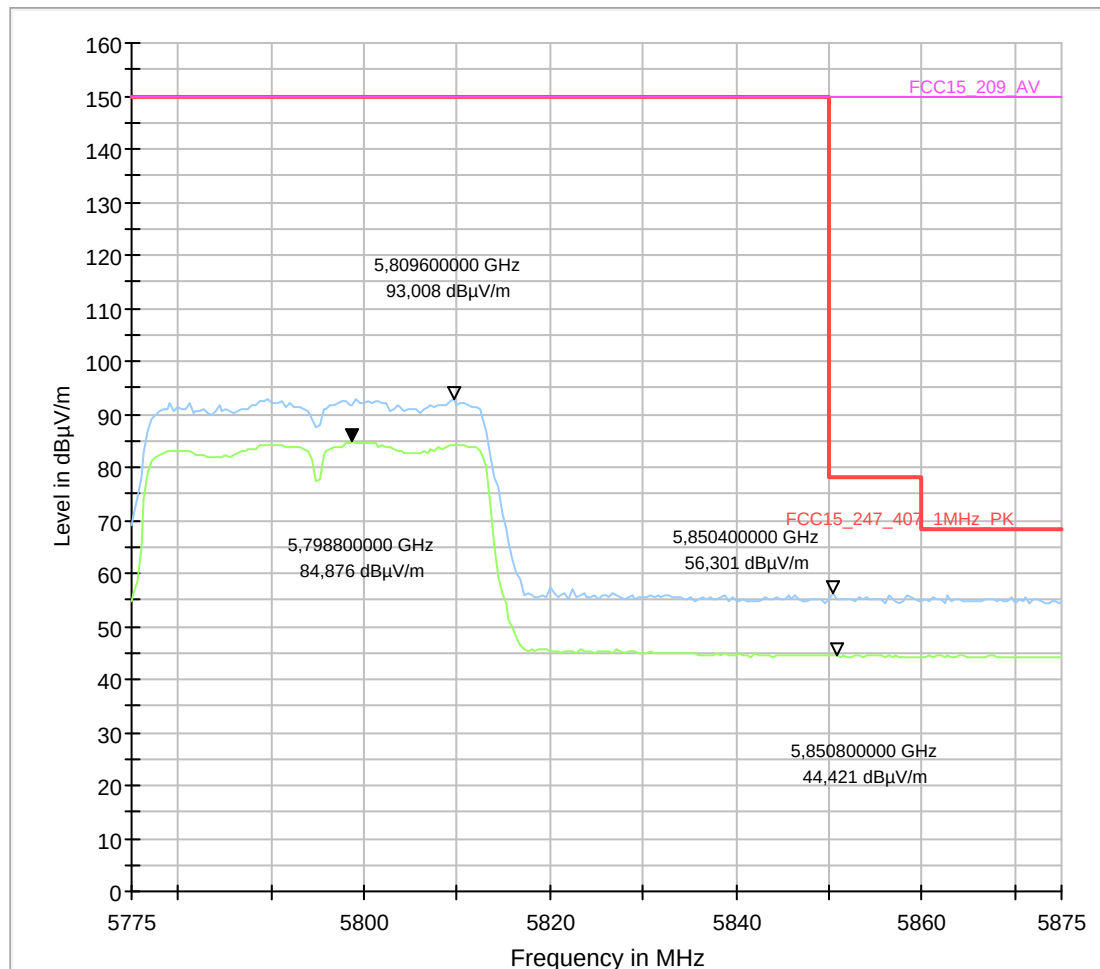
Diagram No.: 9.40_BE_11ac_ch159_40MHz_VHT_SS1_MCS6**Common Information**

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operation mode:	11ac 40MHz VHT_SS1_MCS6 159 Burst
Operator Name:	Klv

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum



3.3. Radiated Band Edge for 80MHz Bandwidth ac Mode

9.41a_BE_11ac_ch42_80MHz_VHT_SS1_MCS0

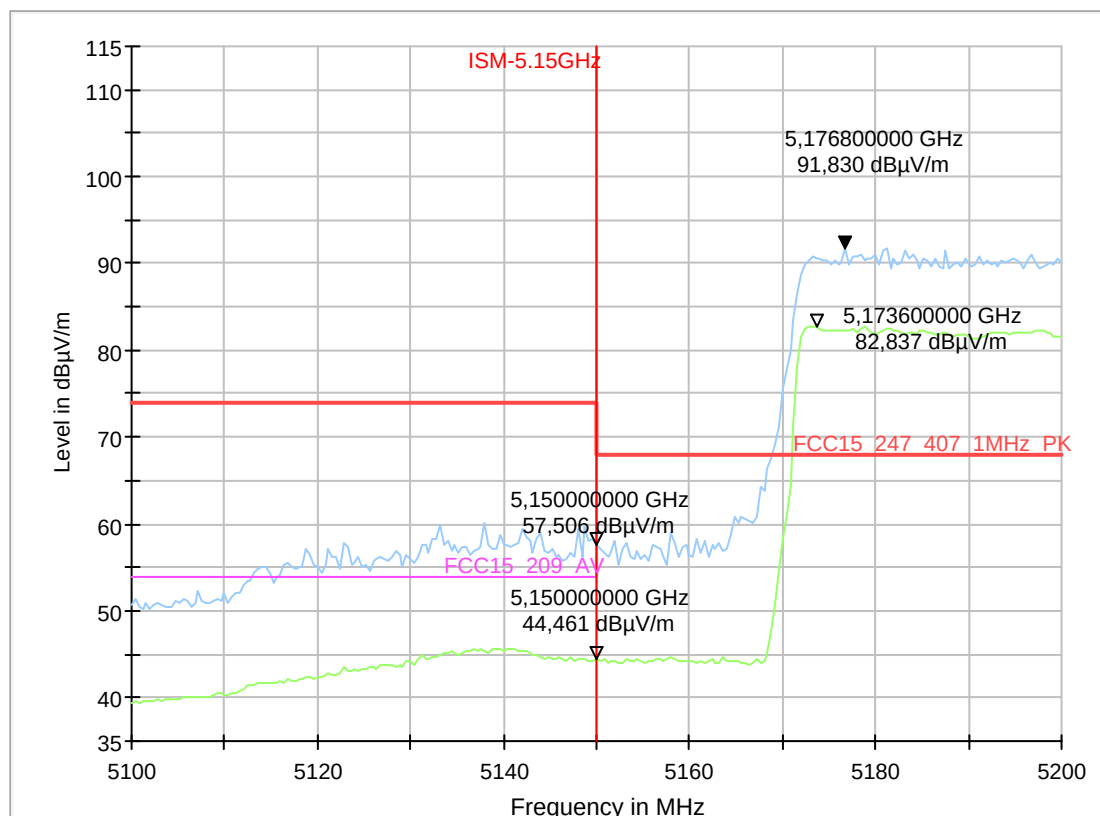
Common Information

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:	EMC32 V 9.25.00
Operation mode:	11ac 80MHz VHT_SS1MCS0 42 Burst
Operator Name:	npe
Comment:	

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum



9.41b_BE_11ac_ch42_80MHz_VHT_SS1_MCS0

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:	EMC32 V 9.25.00
Operation mode:	11ac 80MHz VHT_SS1MCS0 42 Burst
Operator Name:	npe
Comment:	

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum

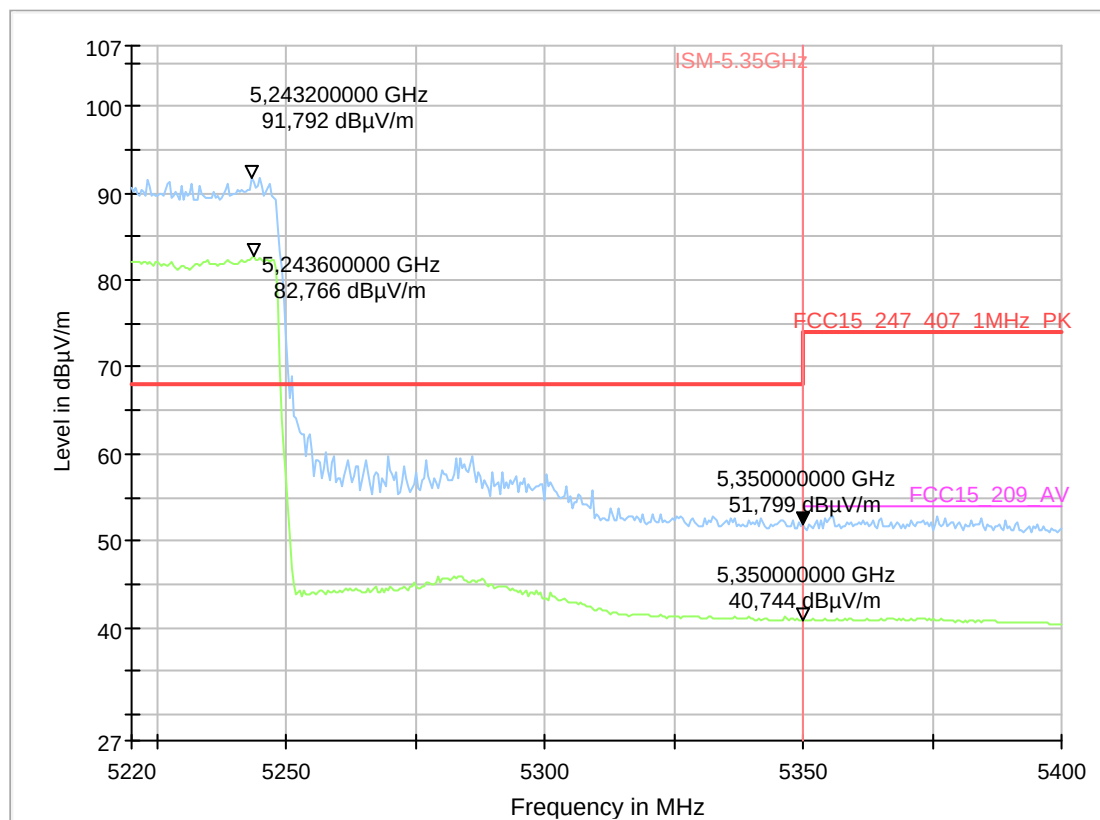


Diagram No.: 9.42b_BE_11ac_ch58_80MHz_VHT_SS1_MCS0

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:	EMC32 V 9.25.00
Operation mode:	TX, continuous
Operator Name:	npe
Comment:	11ac 80MHz VHT_SS1MCS0 58

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum

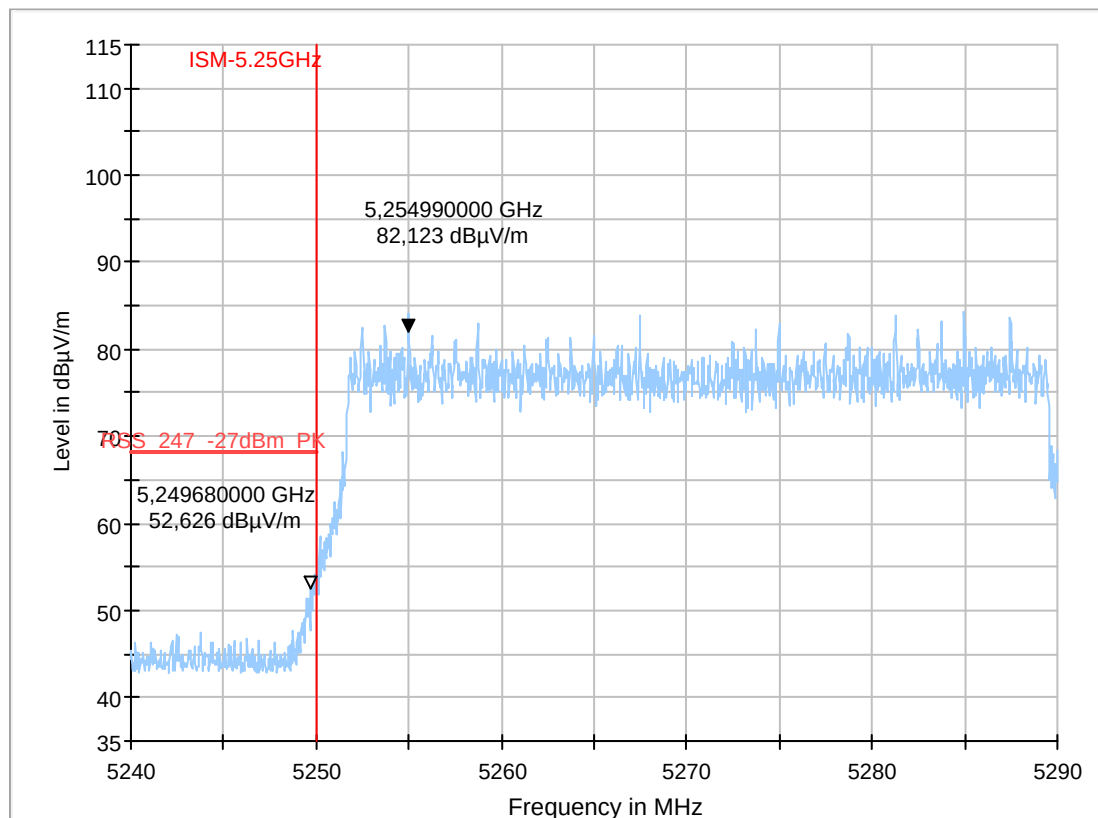


Diagram No.: 9.42d_BE_11ac_ch58_80MHz_VHT_SS1_MCS0

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:	EMC32 V 9.25.00
Operation mode:	TX, continuous
Operator Name:	npe
Comment:	11ac 80MHz VHT_SS1MCS0 58 burst

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum

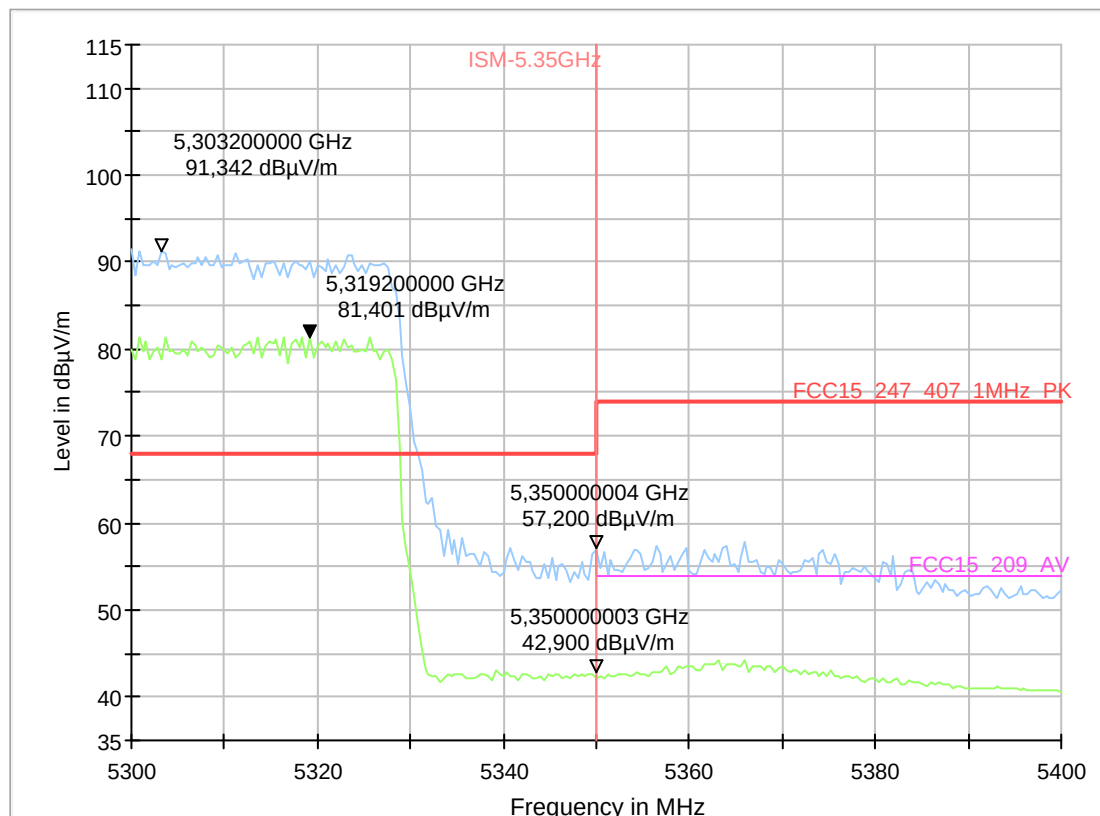


Diagram No.: 9.43_BE_11ac_ch106_80MHz_VHT_SS1_MCS0

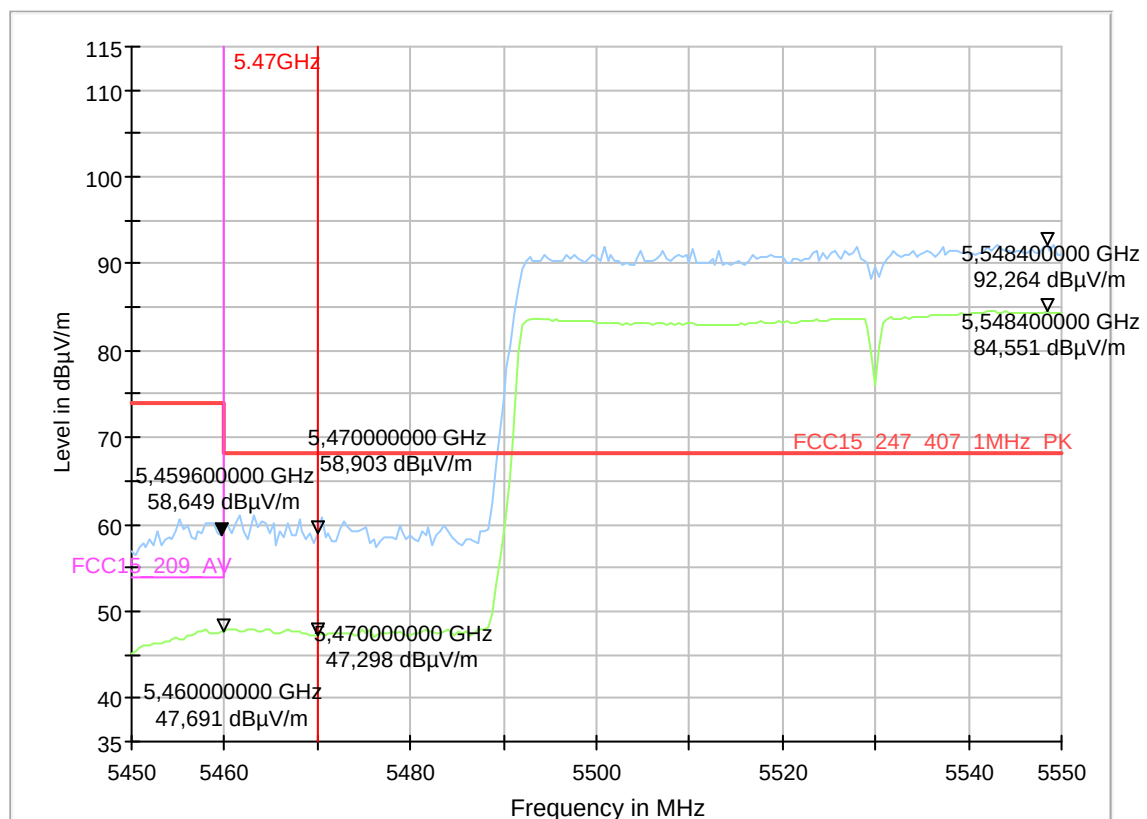
Common Information

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:	EMC32 V 9.25.00
Operation mode:	TX, continuous
Operator Name:	Npe
Comment:	11ac 80MHz VHT_SS1MCS0 106 Burst

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum



9.44d_BE_11ac_ch122_80MHz_VHT_SS1_MCS0

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operation mode:	11ac 80MHz VHT_SS1MCS0 122 Burst
Operator Name:	Mah
Comment:	--

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum

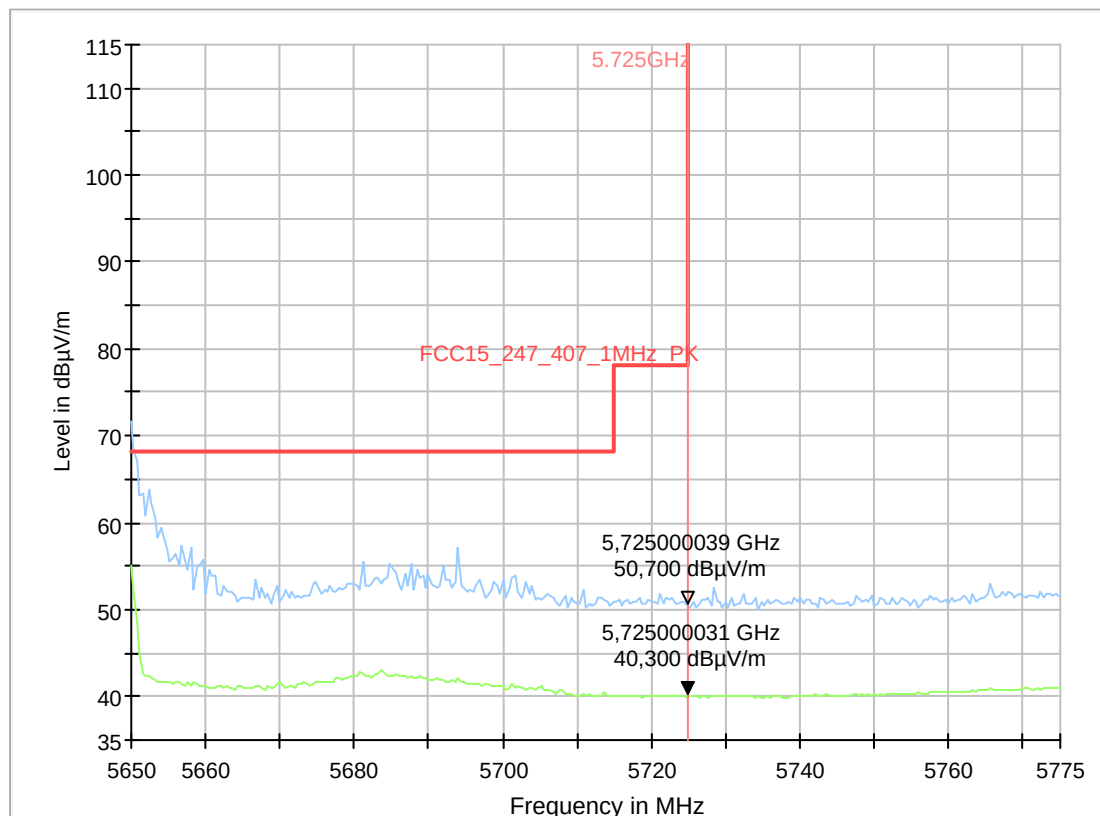


Diagram No.: 9.45a_BE_11ac_ch155_80MHz_VHT_SS1_MCS0

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:	EMC32 V 9.25.00
Operation mode:	TX, continuous
Operator Name:	npe
Comment:	11ac 80MHz VHT_SS1MCS0 155

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum

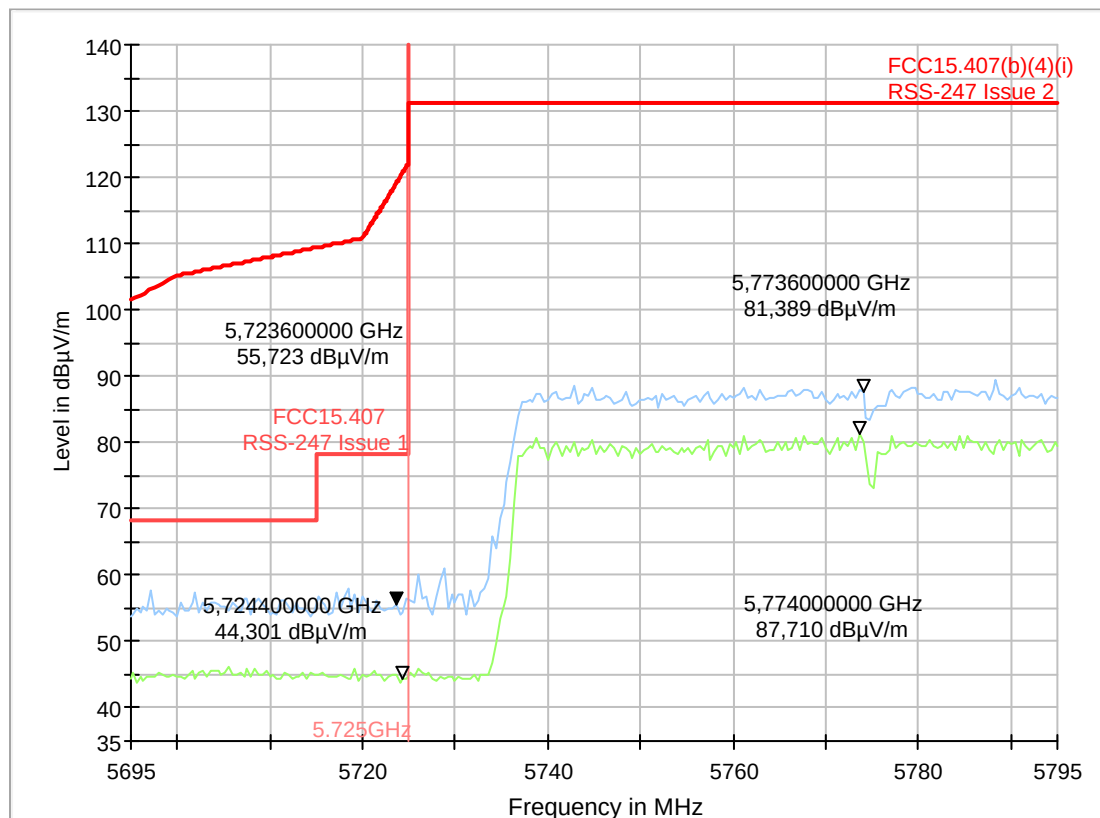


Diagram No.: 9.45b_BE_11ac_ch155_80MHz_VHT_SS1_MCS0

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:	EMC32 V 9.25.00
Operation mode:	TX, continuous
Operator Name:	Npe
Comment:	11ac 80MHz VHT_SS1MCS0 155 Burst

EUT Information

Manufacturer:	Robert Bosch Car Multimedia GmbH
Model:	AIVIP32R0
Type:	-
EUT:	-
HW version:	001
SW version:	X128
SVN:	-
Config:	-
Serial number:	259157FH0A
Connected Interfaces:	-
Power Supply:	15VDC
Comments:	-

Full Spectrum

