4.68_WLAN_ac_mode_20MHz_ch48
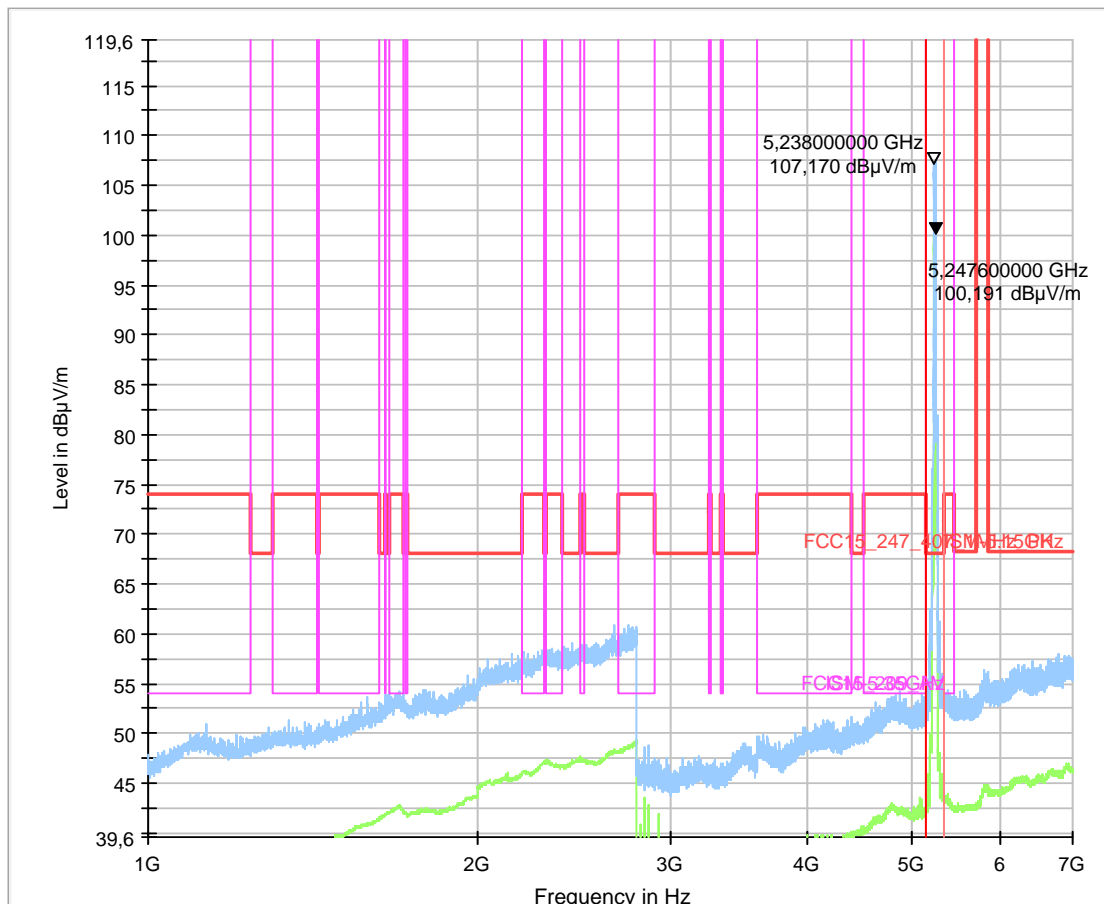
Common Information

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: -
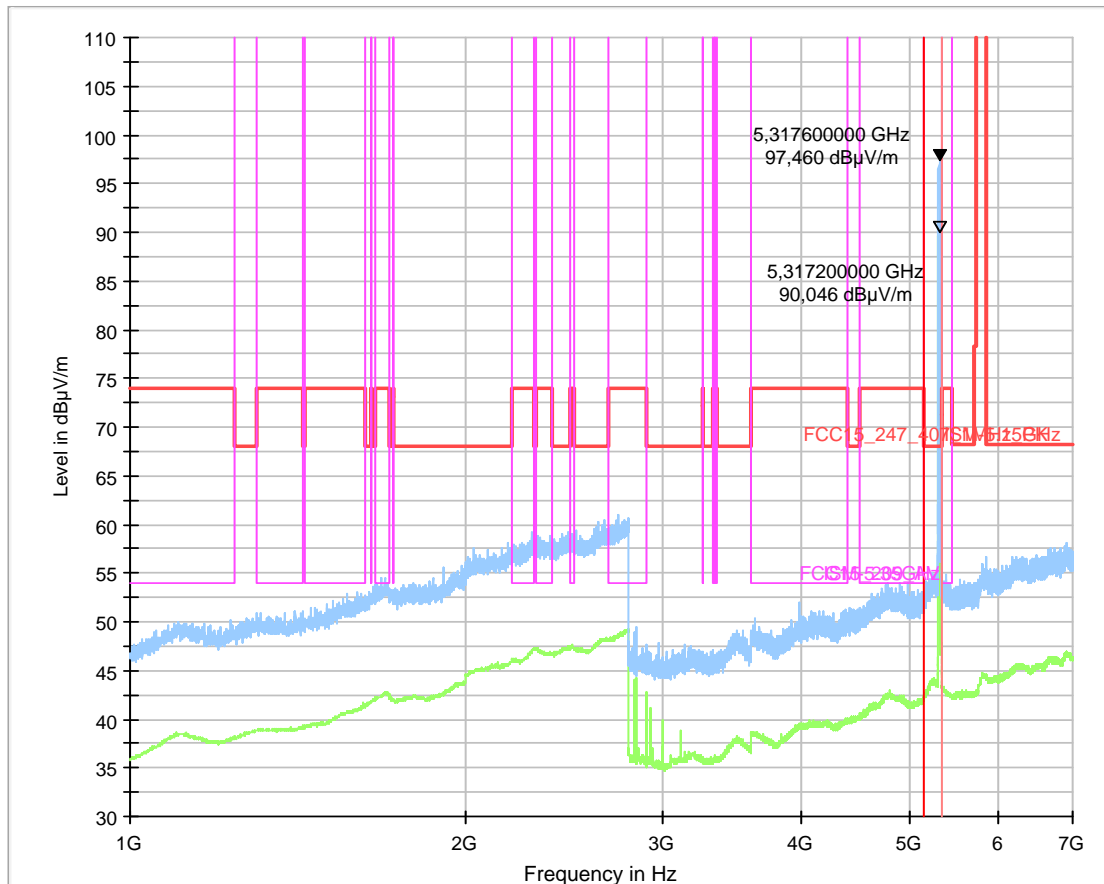Power Supply: 15VDC
Comments: -

Full Spectrum

CETECOM™

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

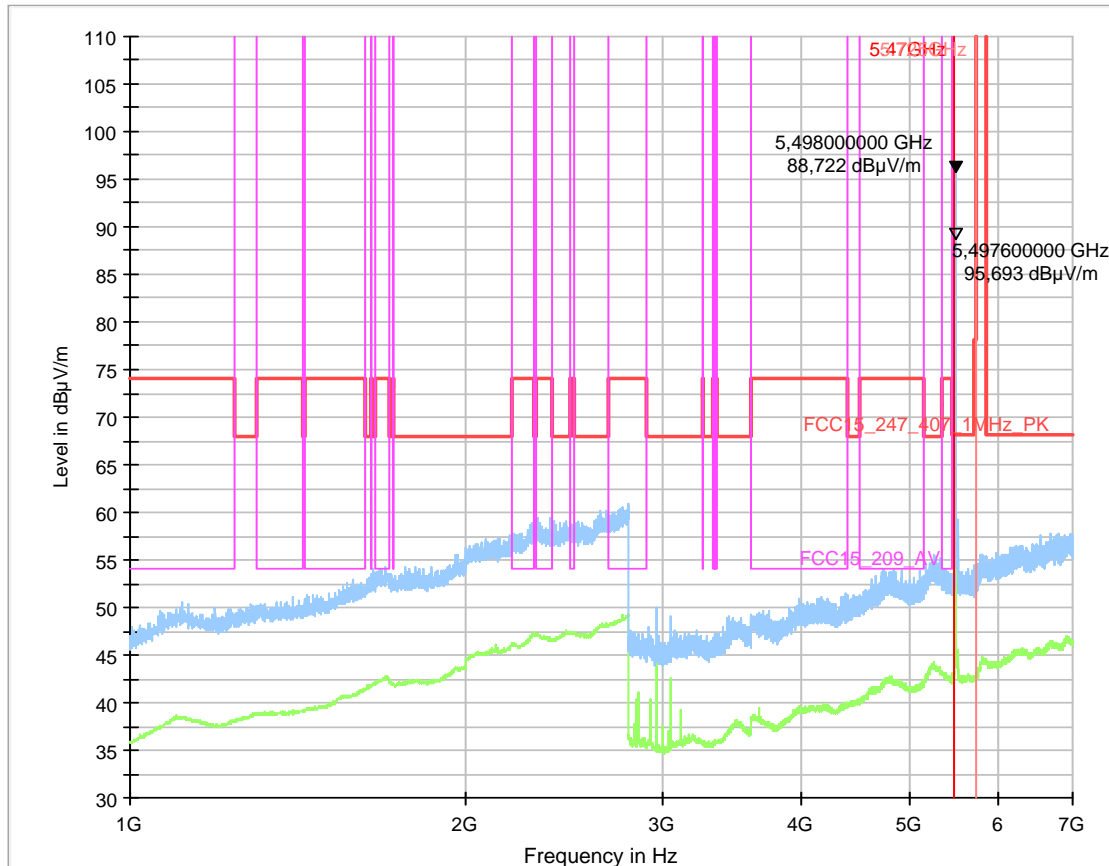# 4.70_WLAN_ac_mode_20MHz_ch100

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

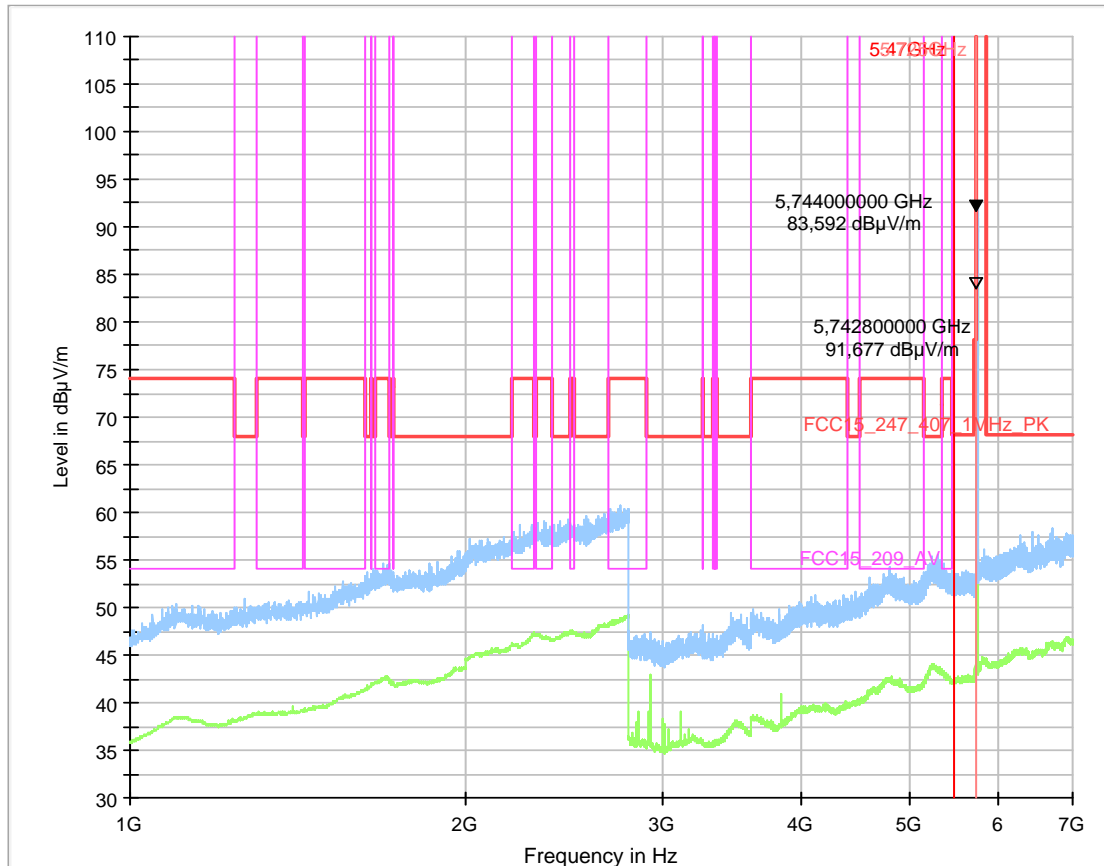# 4.71_WLAN_ac_mode_20MHz_ch149

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
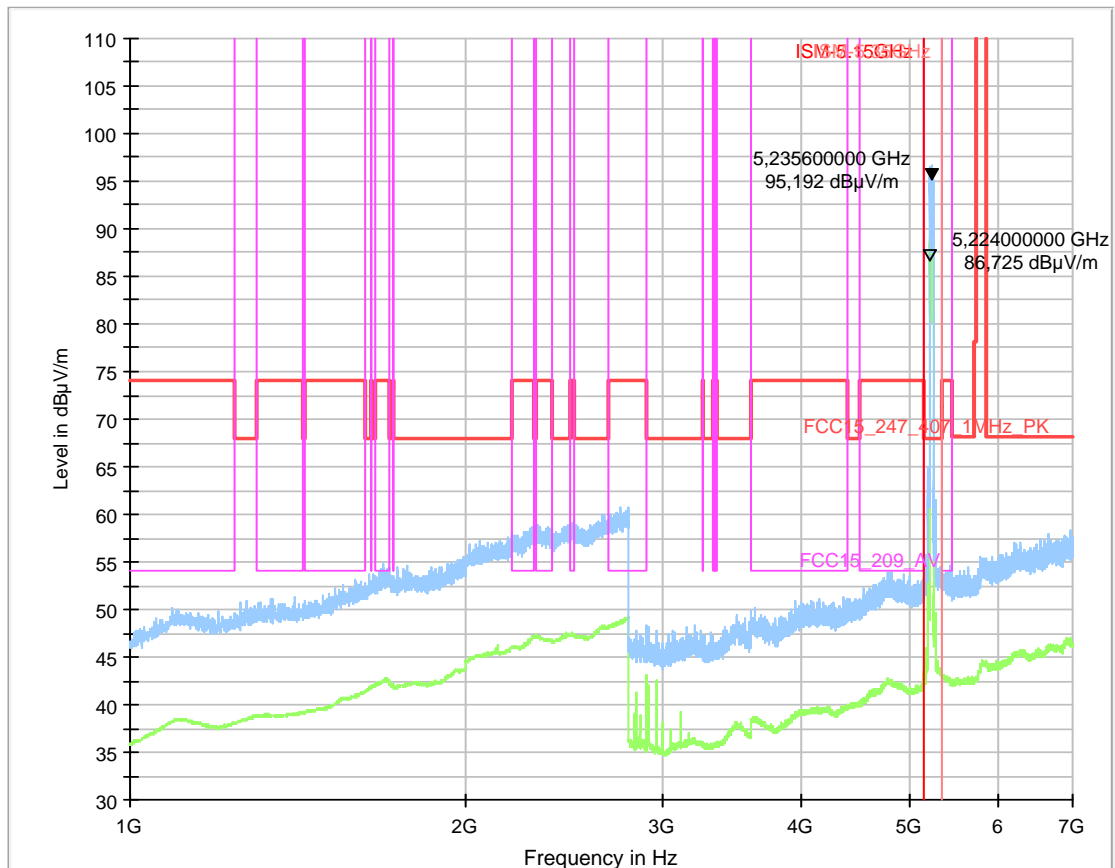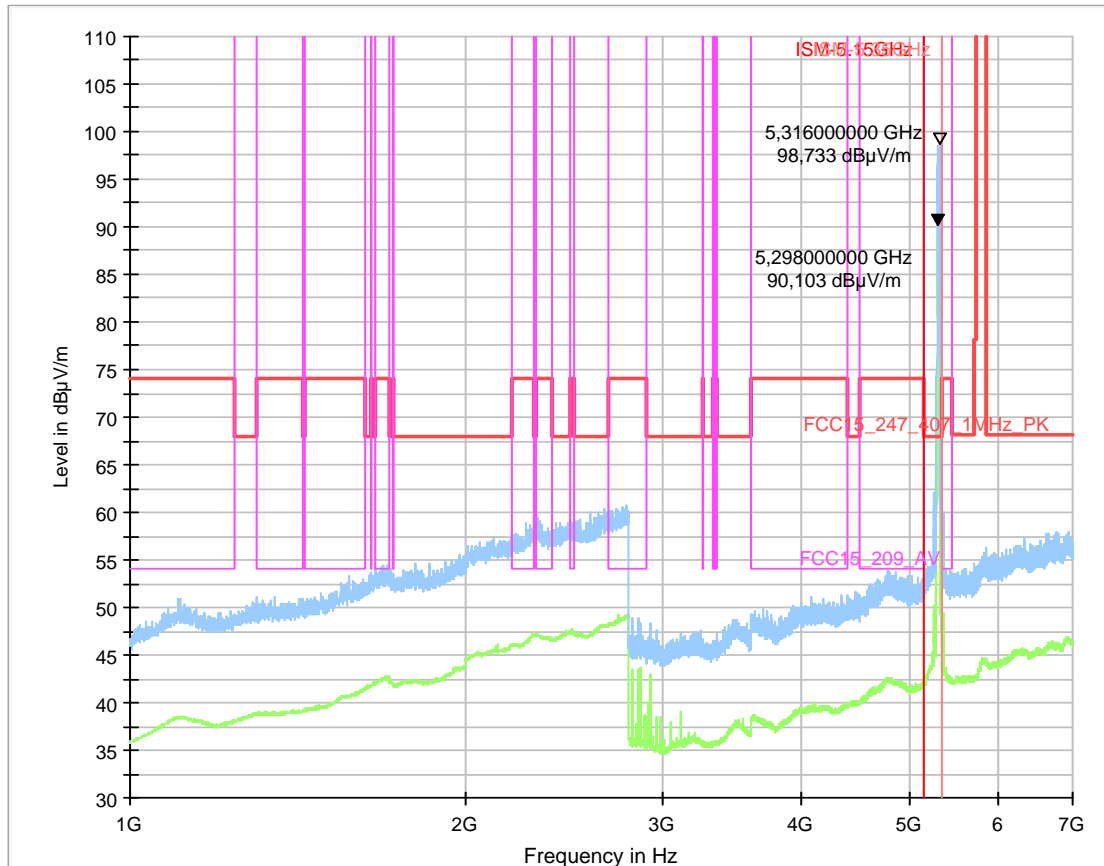Comments: -

Full Spectrum

CETECOM™

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

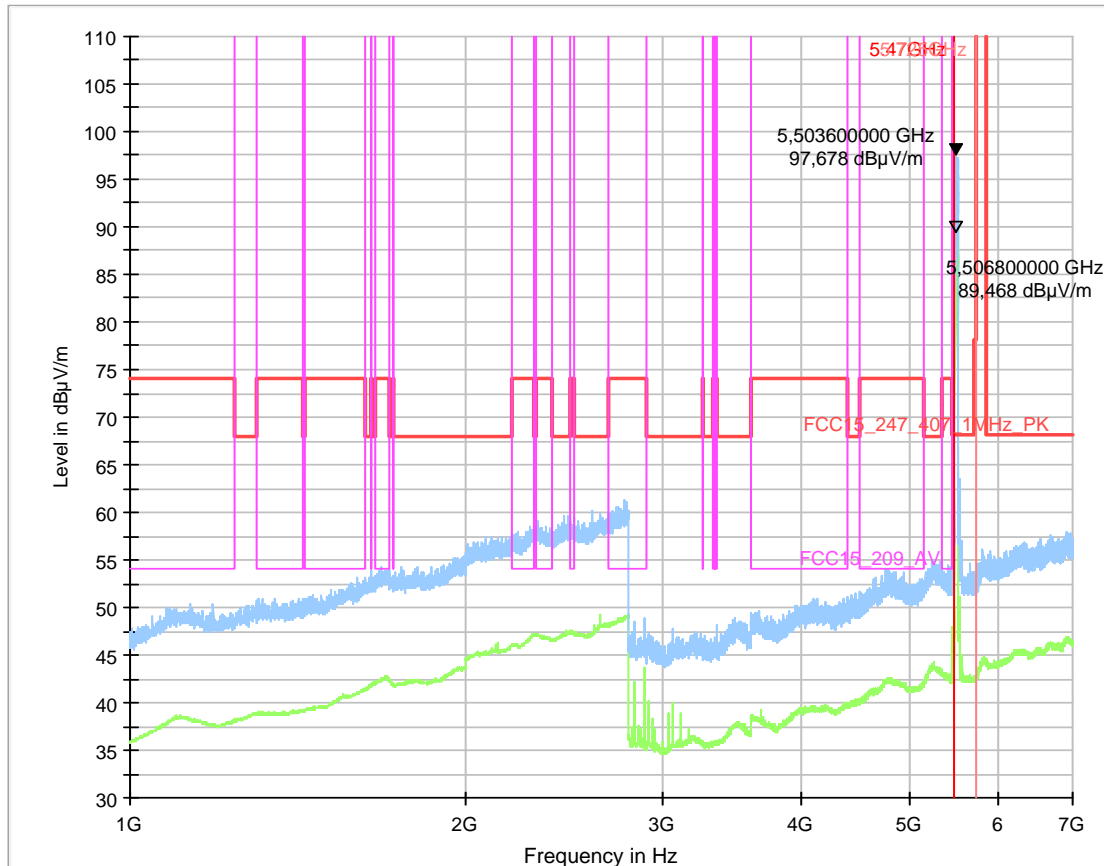# 4.73_WLAN_n_mode_40MHz_ch62

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: -
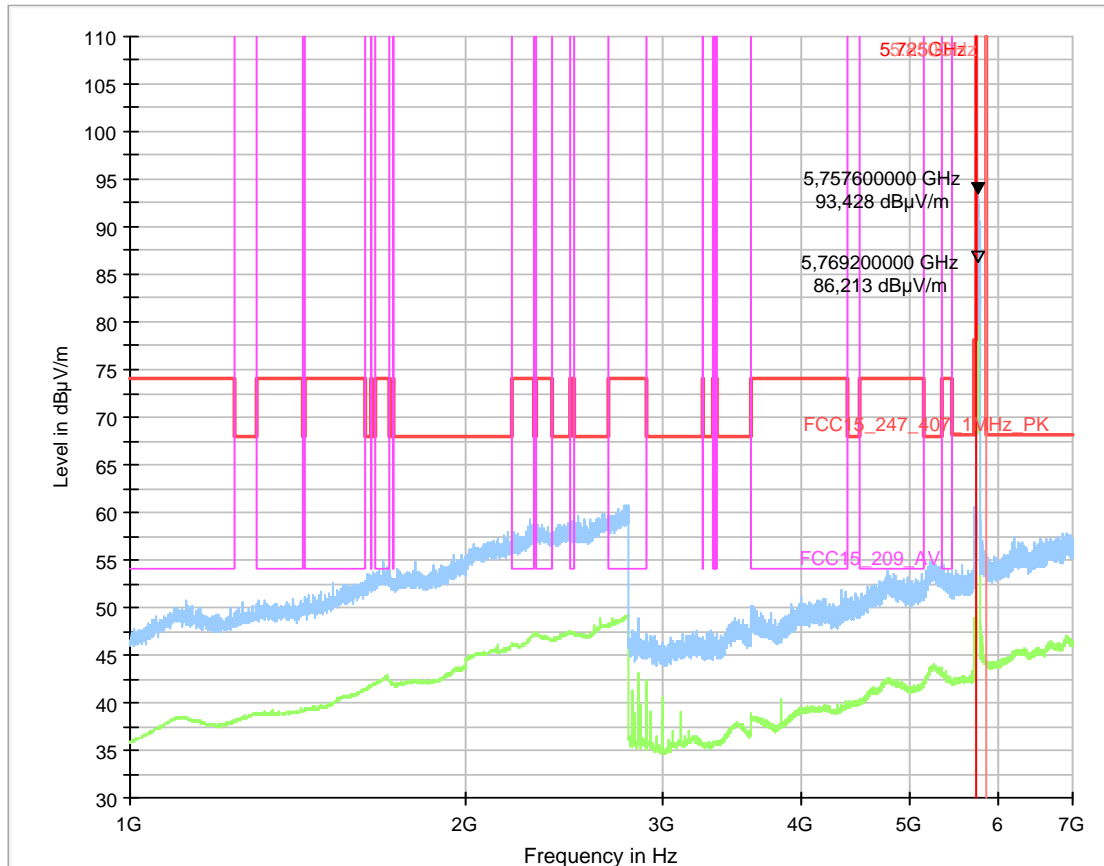
Full Spectrum

CETECOM™

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

CETECOM™

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
EUTpolarisation:	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
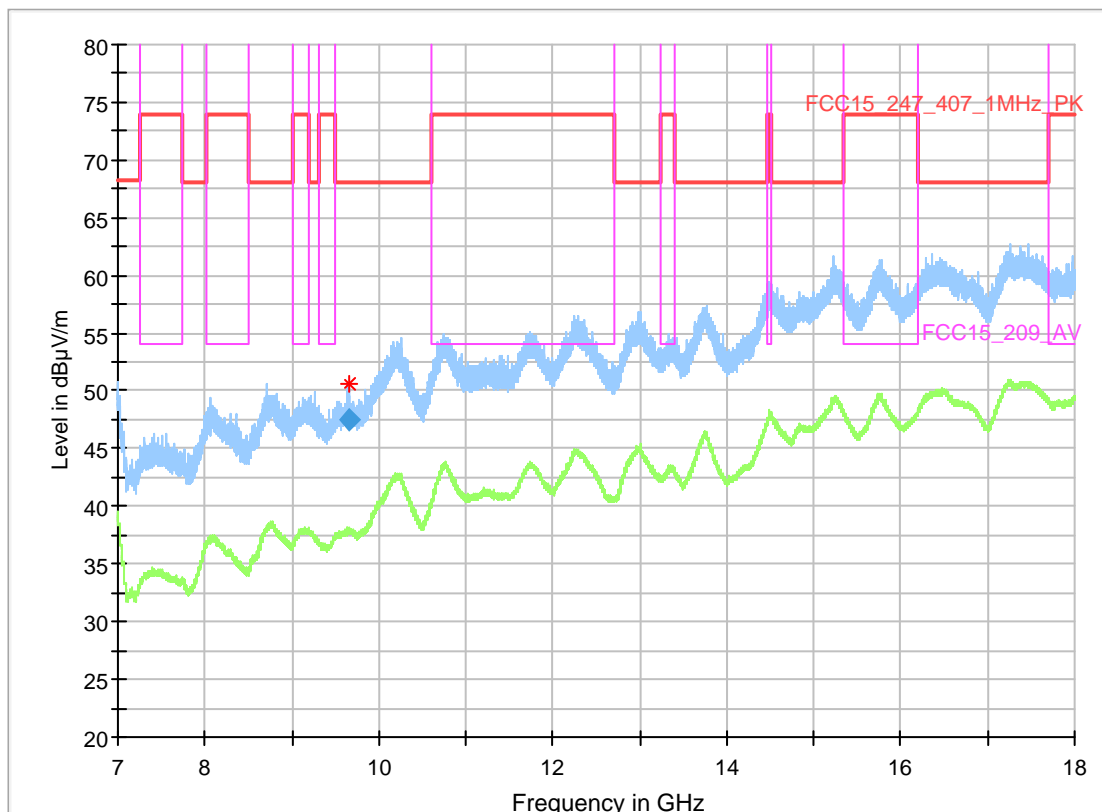
4.51a_WLAN_ac_mode_80MHz_ch42

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 (dBµV/m)	RMS (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (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

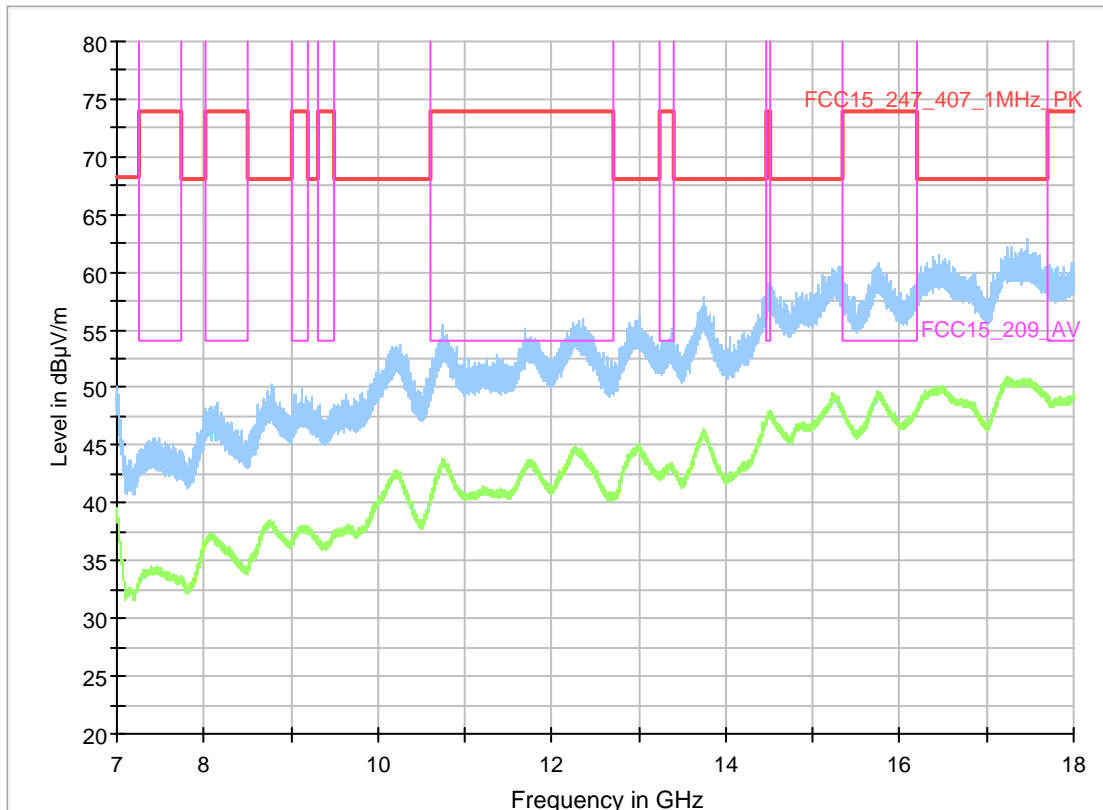# 4.52a_WLAN_ac_mode_80MHz_ch58

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:	KIv

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

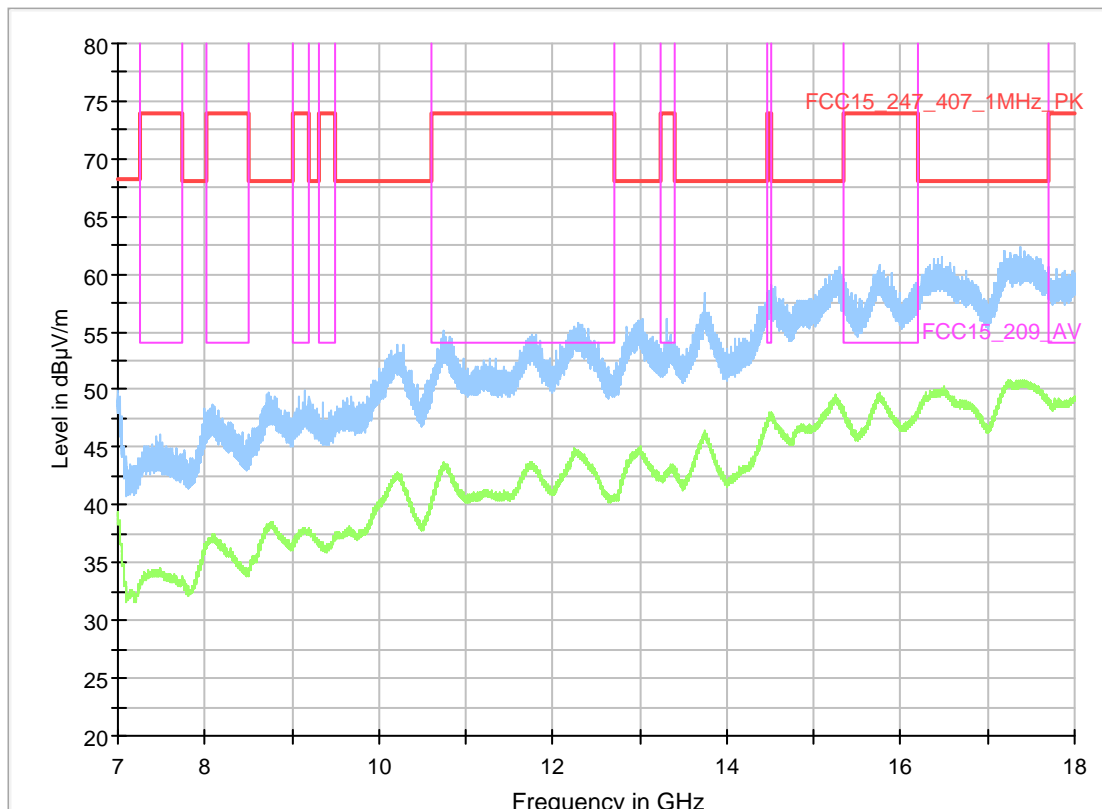|	
Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operation mode:	11ac 80MHz	VHT_SS1MCS0	106
Operator Name:	KIv

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

CETECOM™

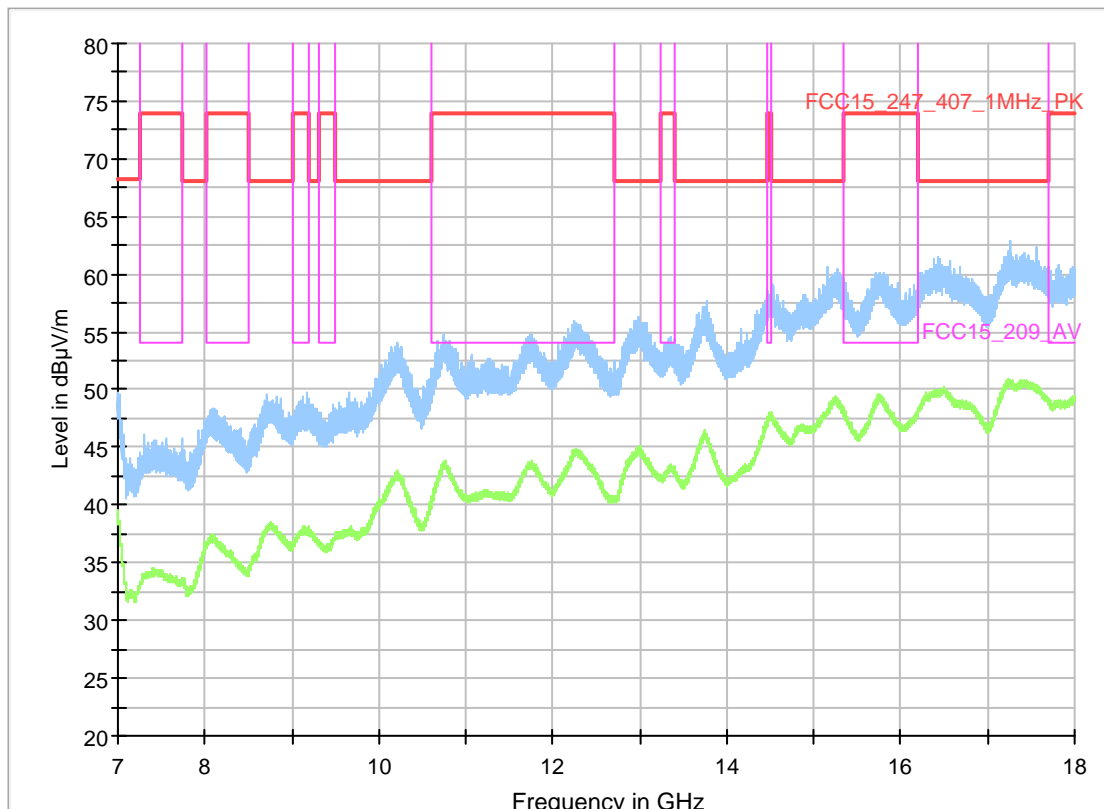# 4.54a_WLAN_ac_mode_80MHz_ch122

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:	KIv

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
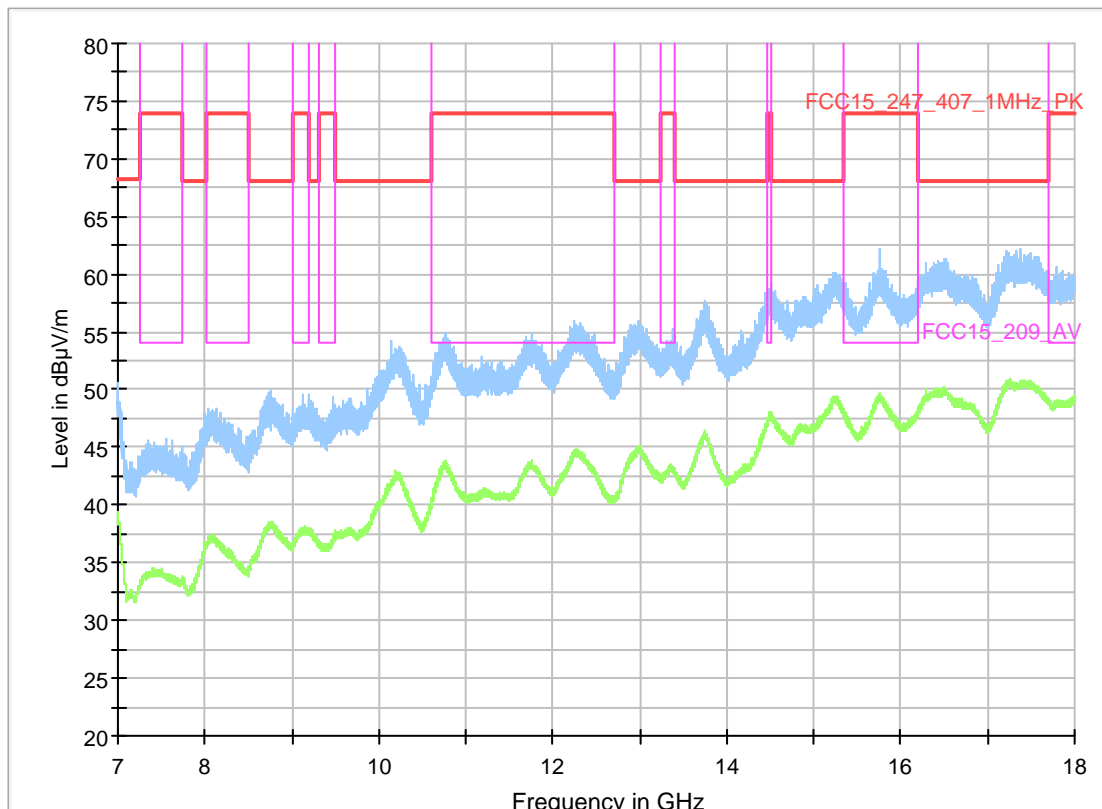
Common Information

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: KIv

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: -
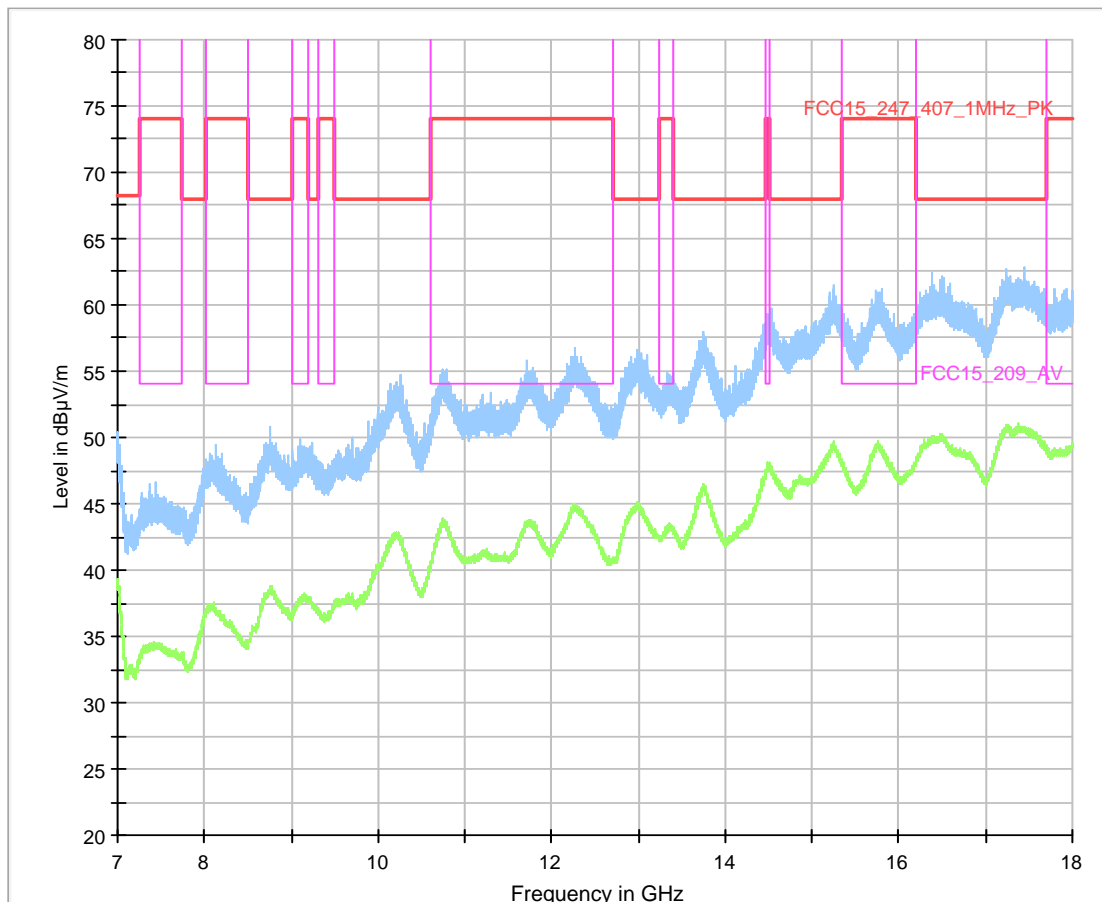Power Supply: 15VDC
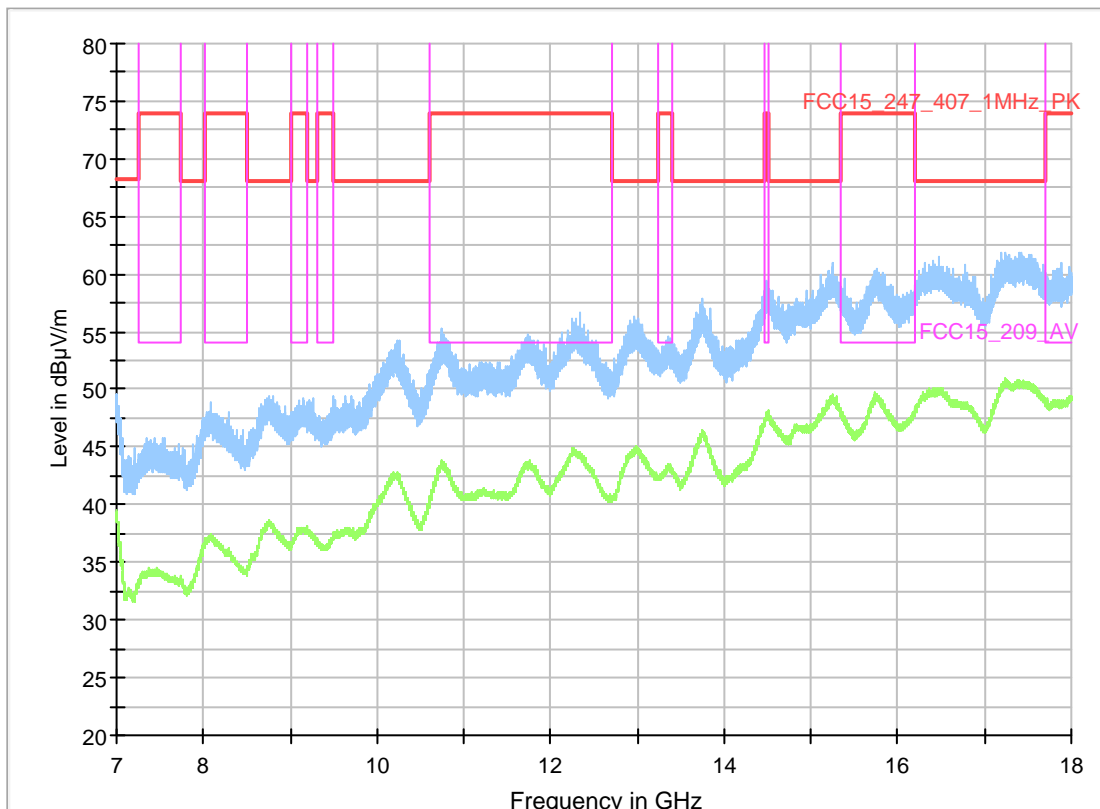Comments: -

Full Spectrum

CETECOM™

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:	KIv

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:	KIv

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

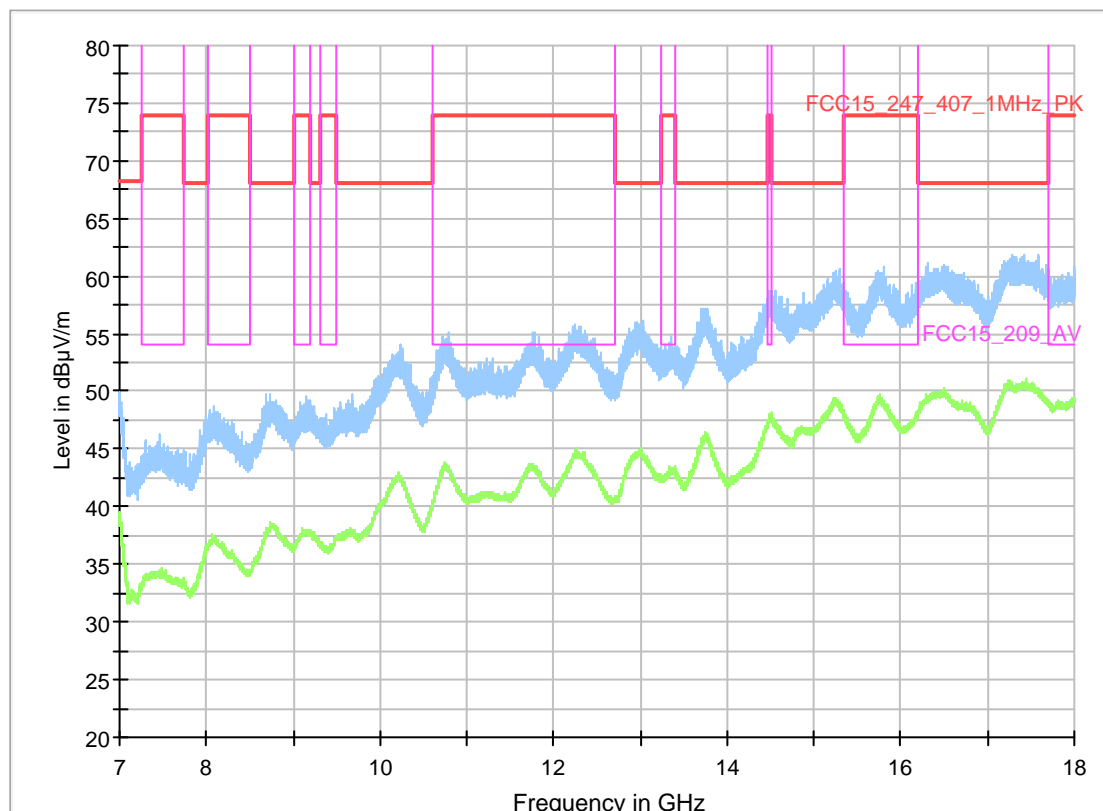# 4.58a_WLAN_ac_mode_40MHz_ch134

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: KIv

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

CETECOM™

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:	KIv

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
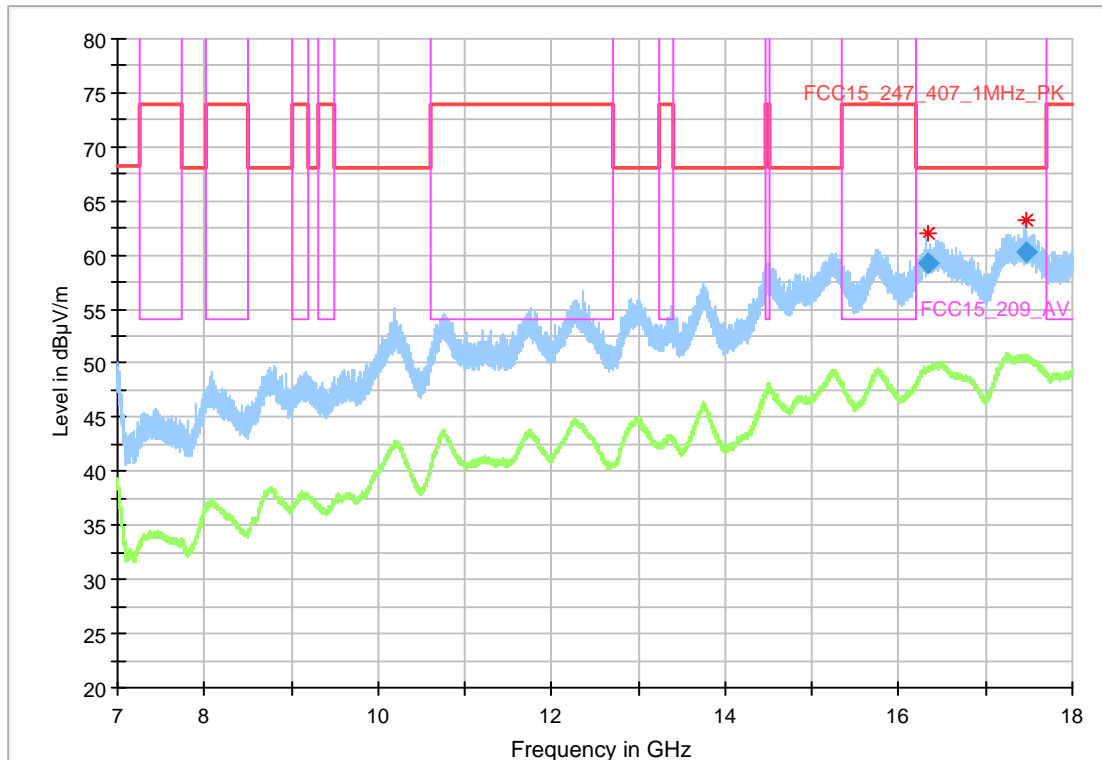
Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
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

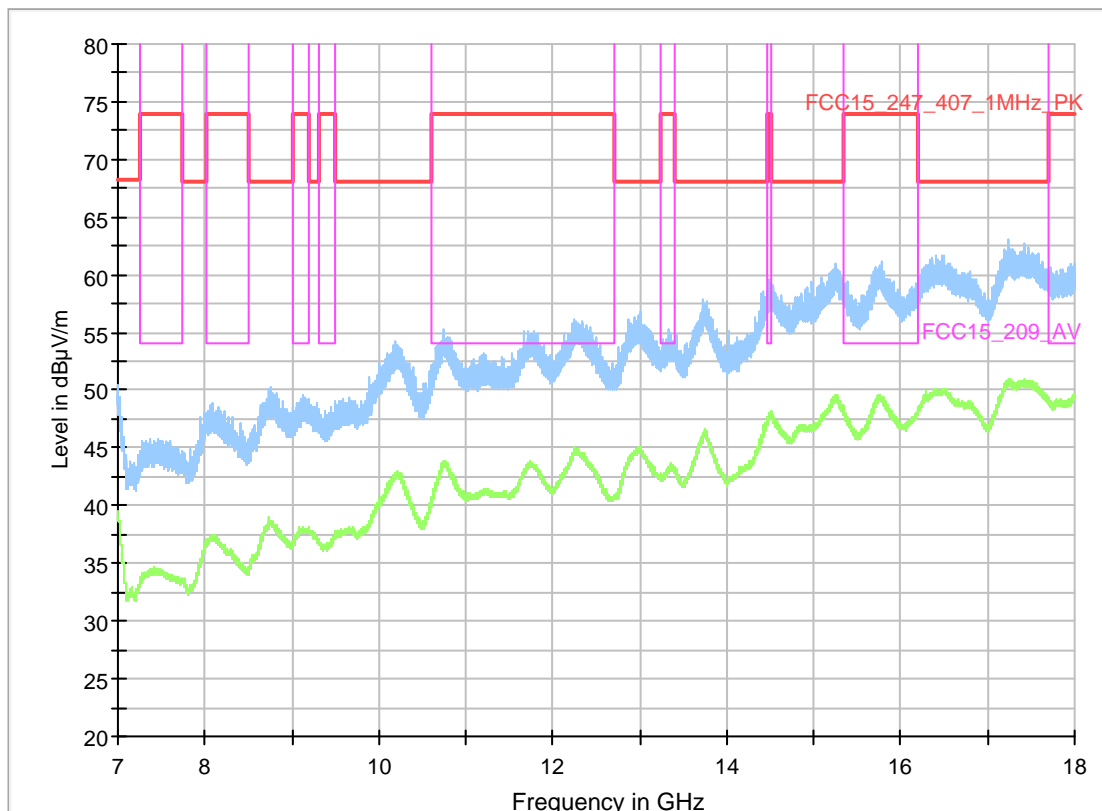# 4.60a_WLAN_a_mode_20MHz_ch48

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

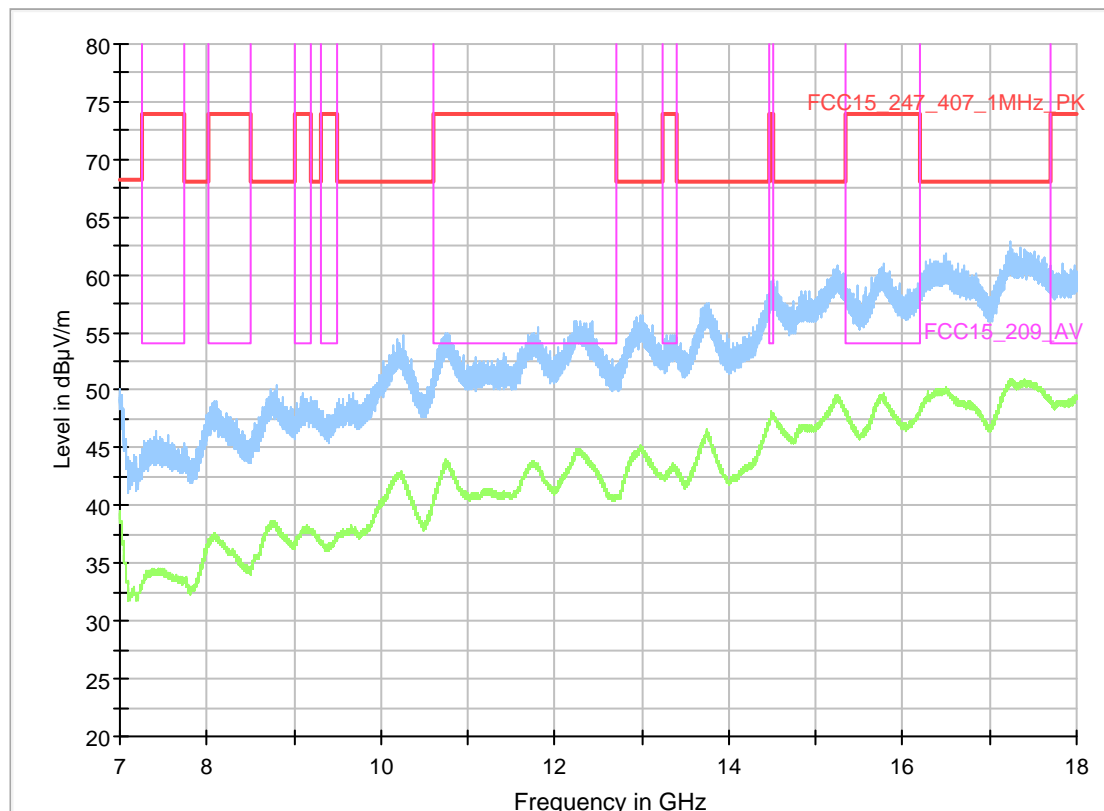# 4.61a_WLAN_a_mode_20MHz_ch64

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

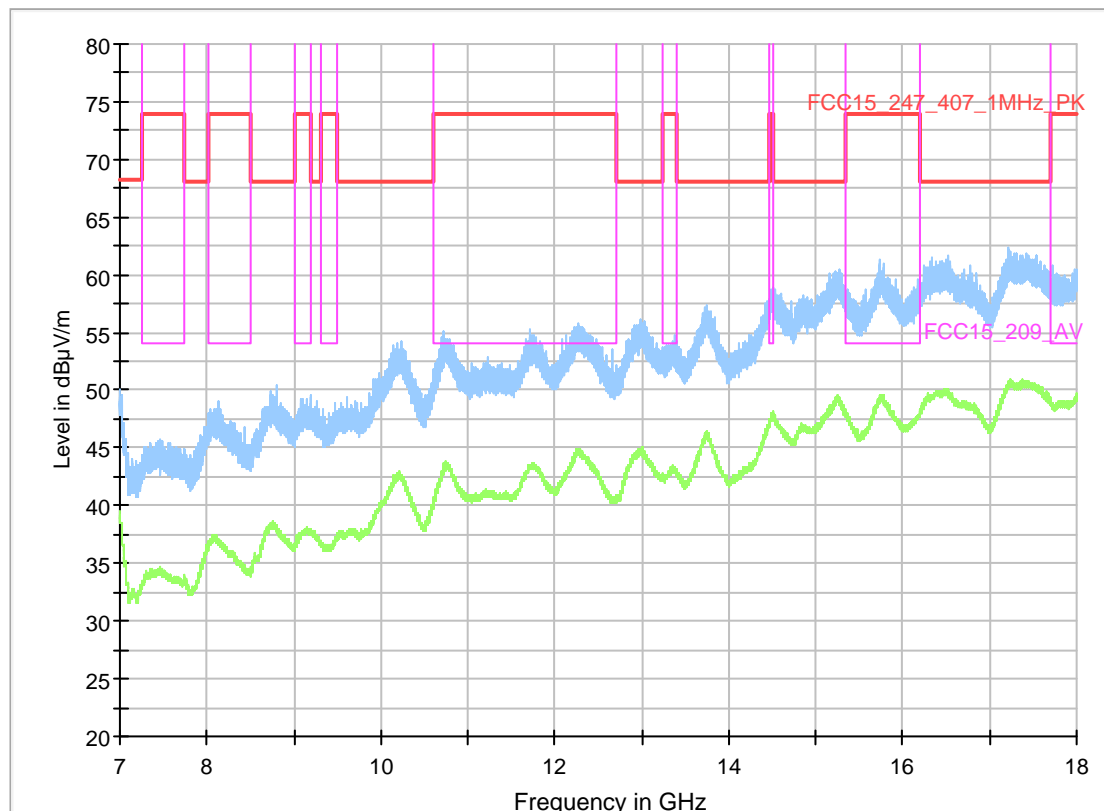|	
Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operation mode:	TX, continuous
Operator Name:	MBe
Comment:	11a 20MHz	6 Mbit|64

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

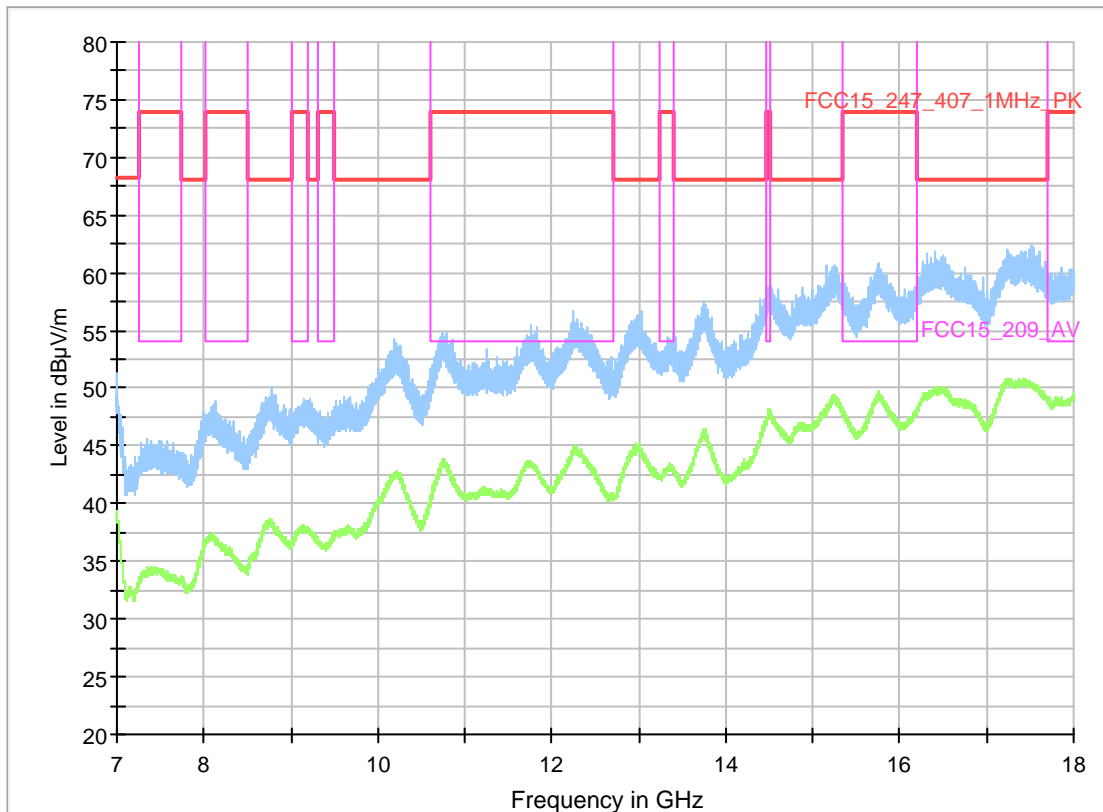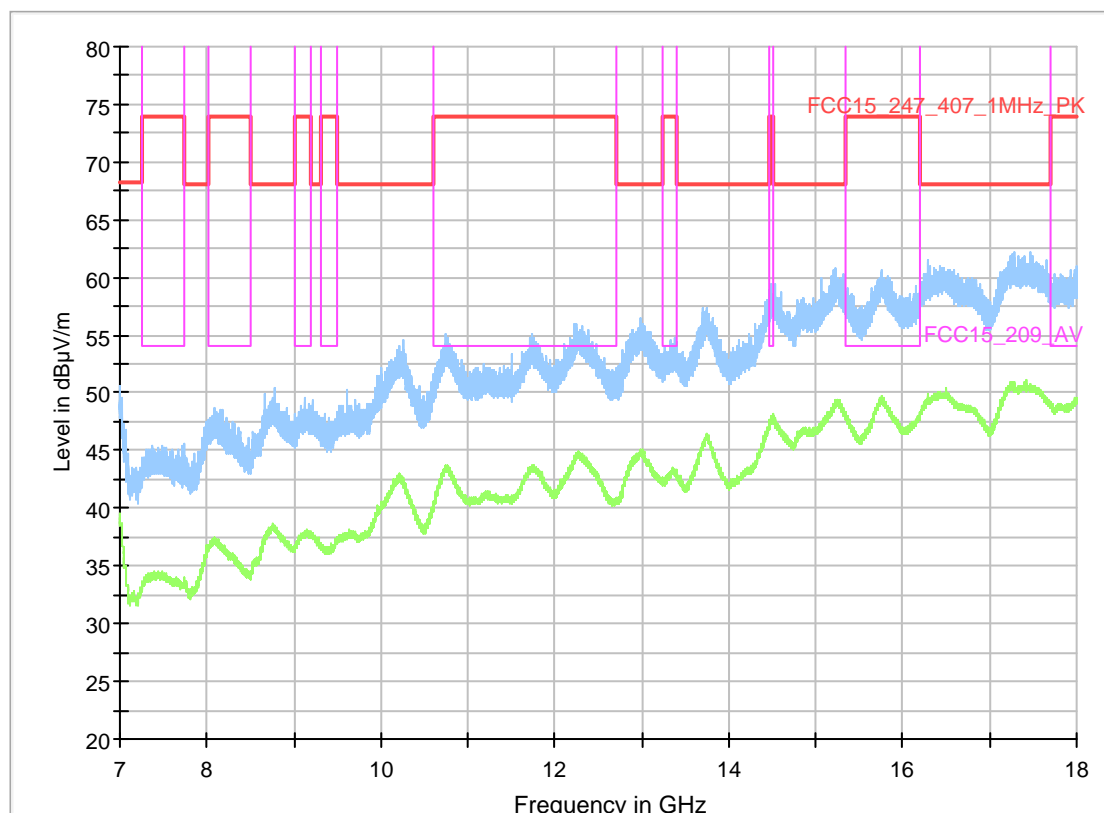# 4.63a_WLAN_a_mode_20MHz_ch165

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
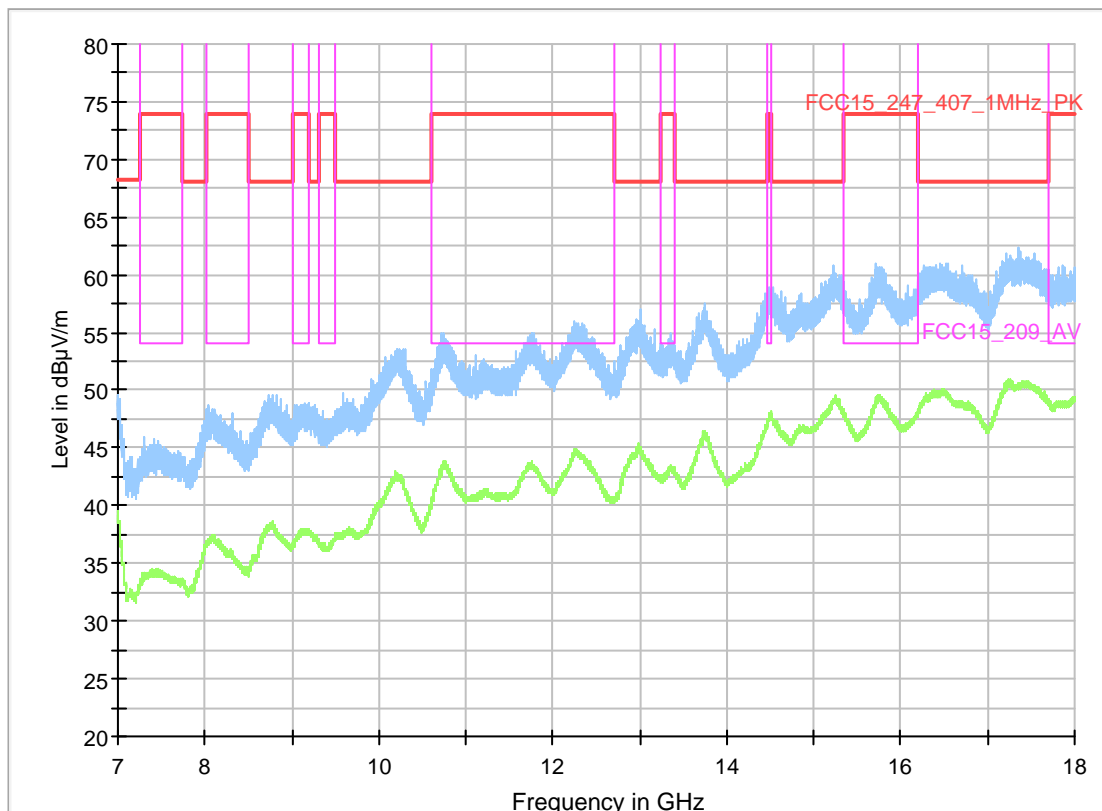Comments: -

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

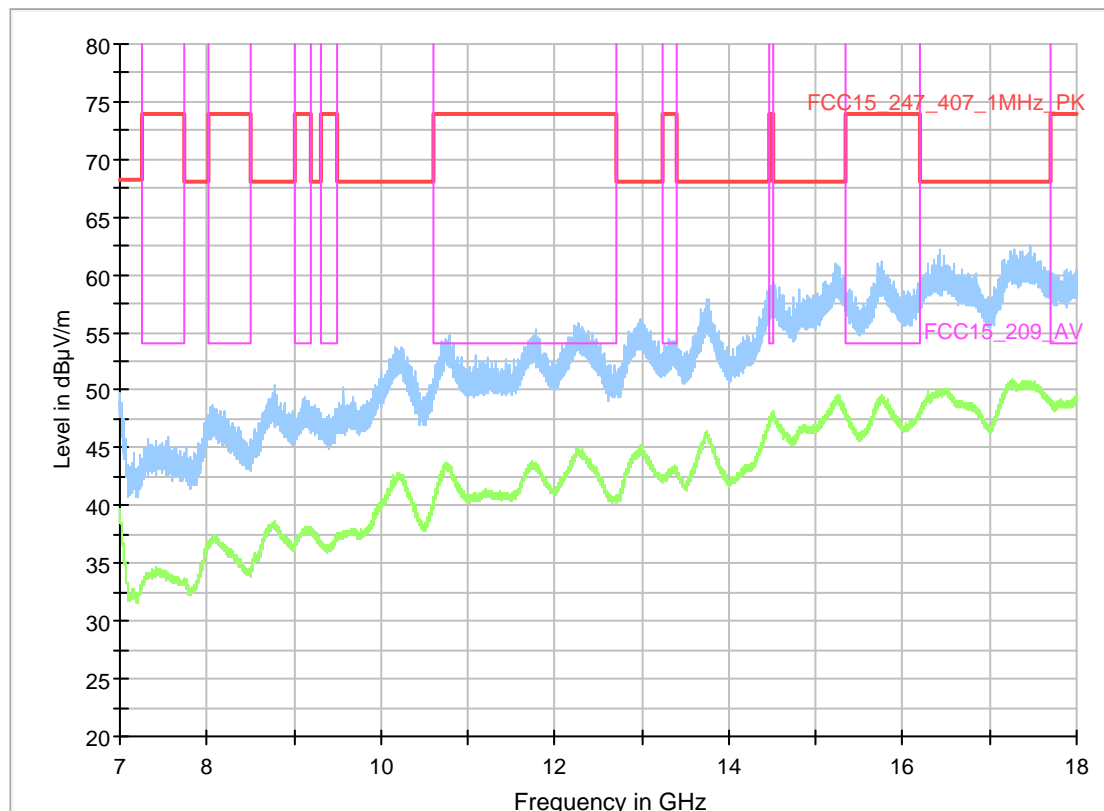# 4.66a_WLAN_n_mode_20MHz_ch100

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

CETECOM™

4.67a_WLAN_n_mode_20MHz_ch165

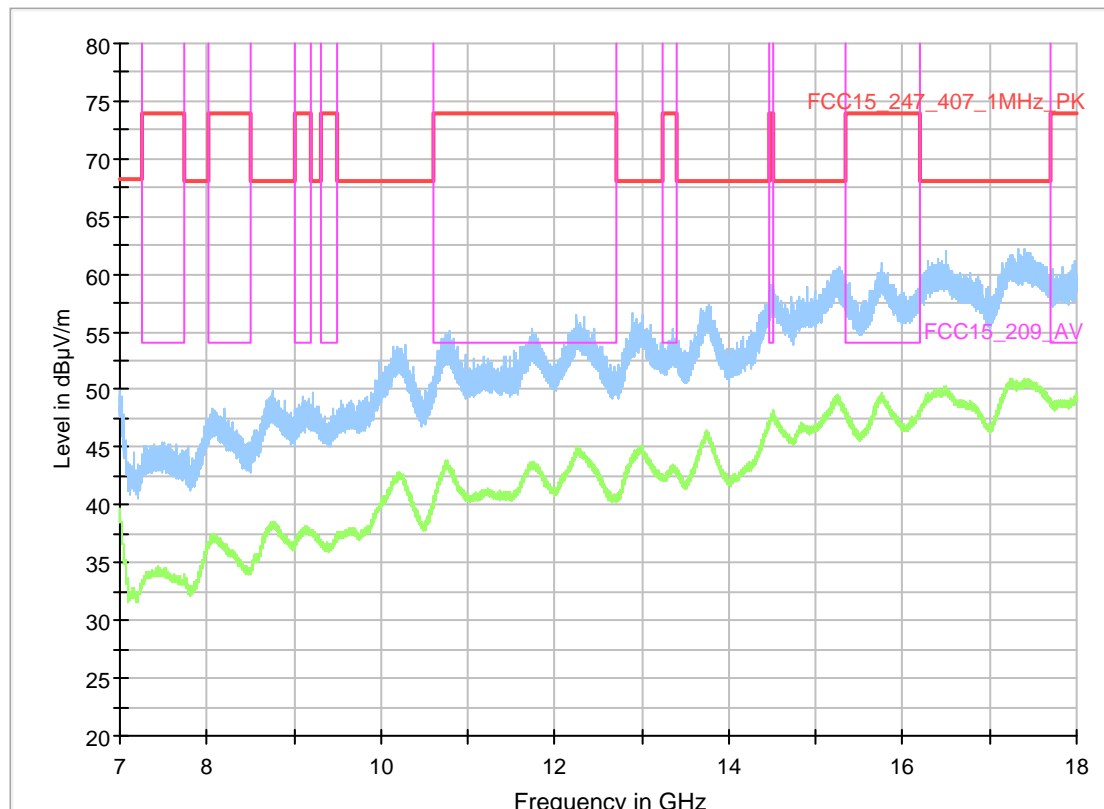**Common Information**

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: KIv

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: -
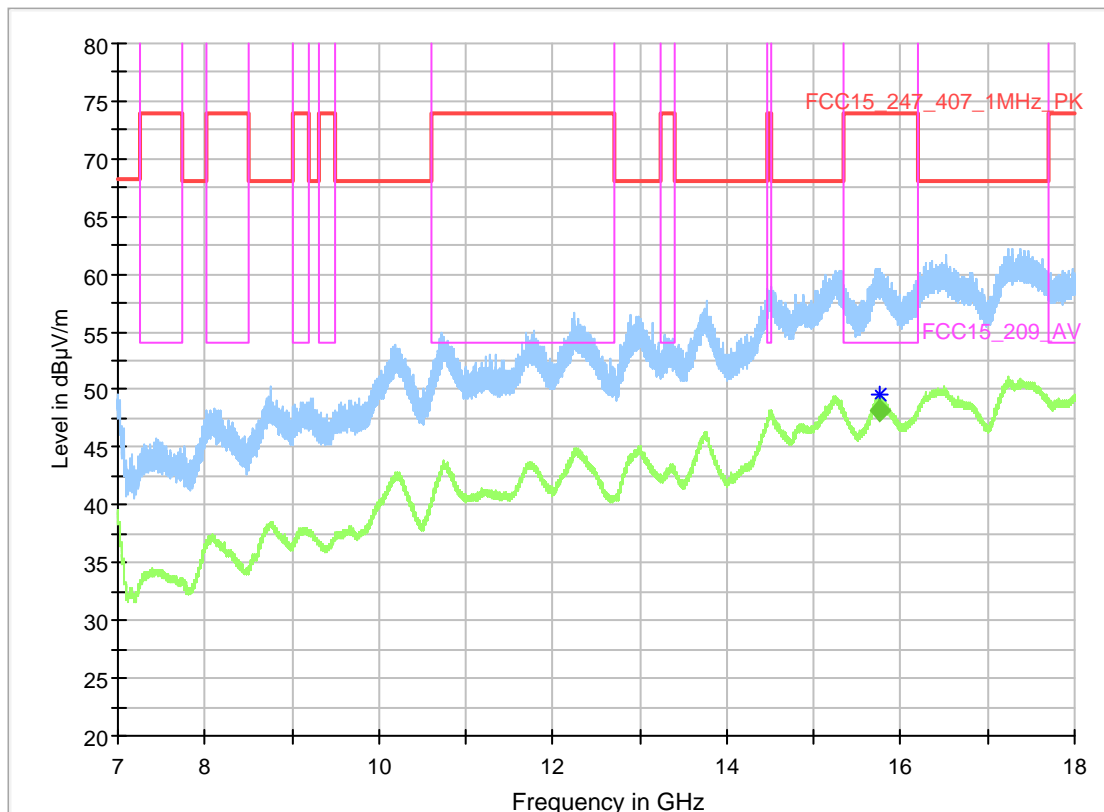Power Supply: 15VDC
Comments: -

Full Spectrum

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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:	KIv

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)
15749.400000	---	54.00	5.80	100.0	1000.000	155.0	H	283.0	0.0	24.5

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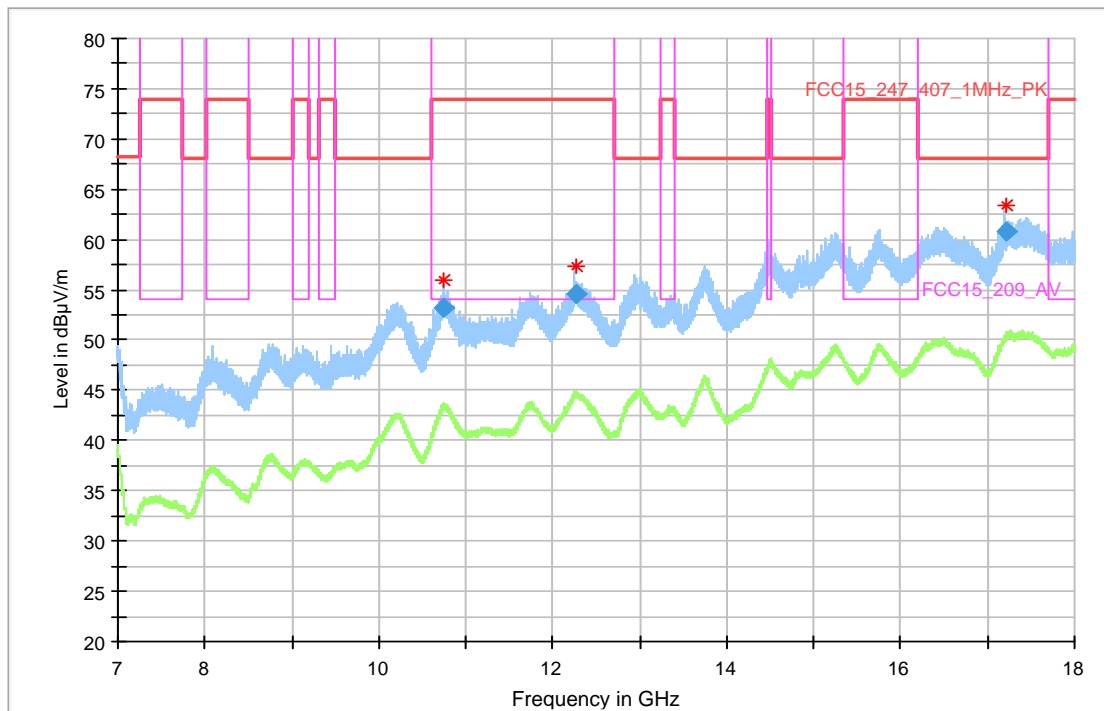# 4.69a_WLAN_ac_mode_20MHz_ch64

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: KIv

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)
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

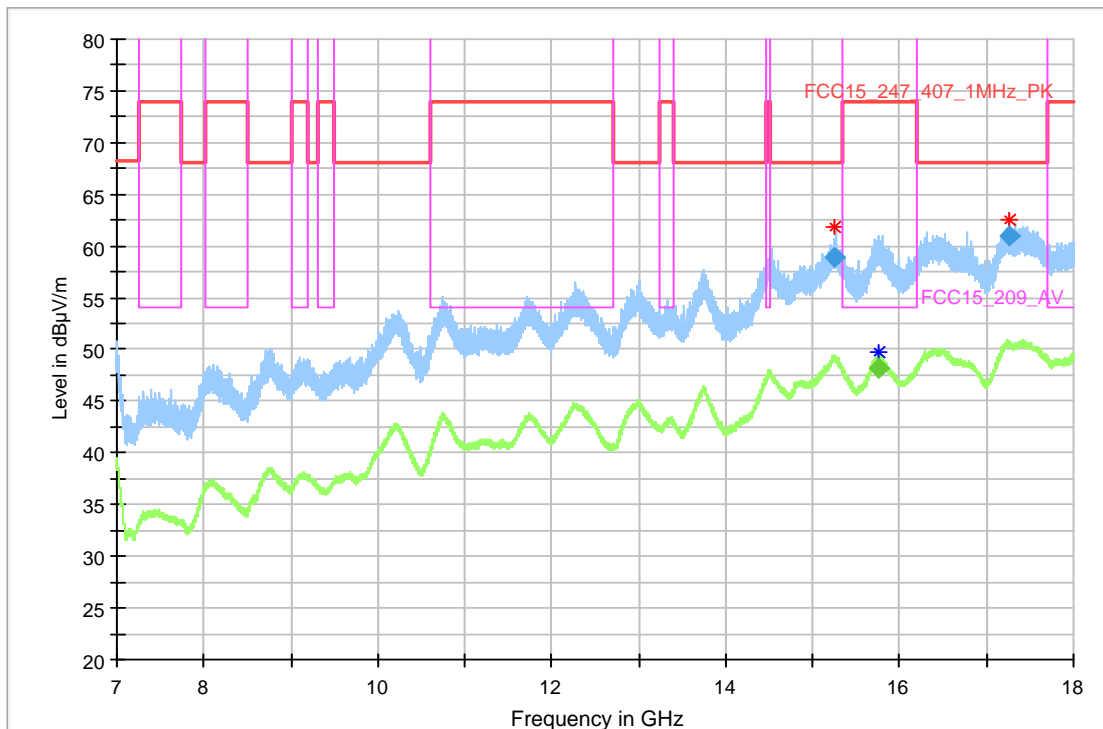# 4.70a_WLAN_ac_mode_20MHz_ch100

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: KIv

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

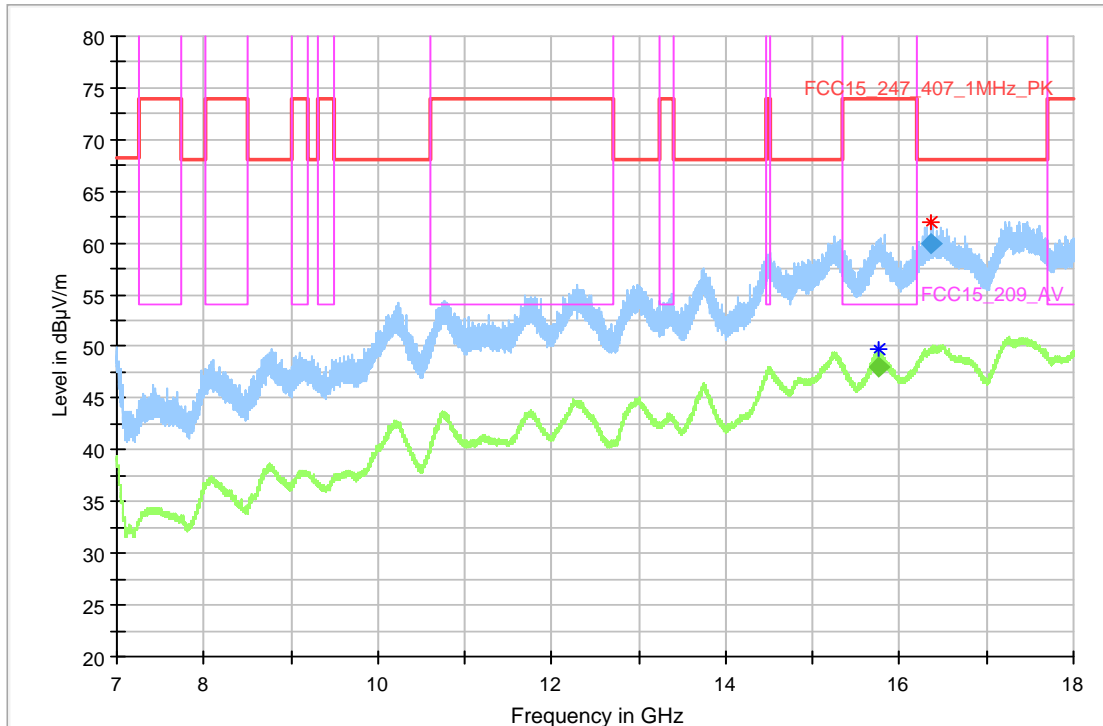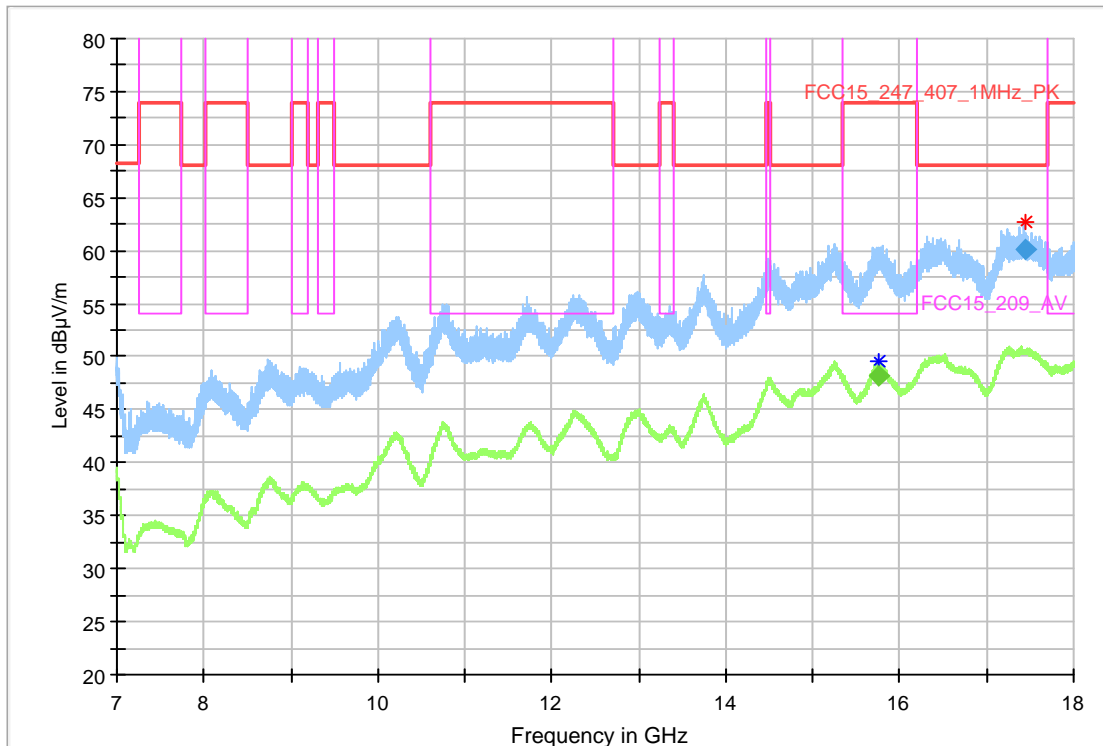**CETECOM**™

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: KIv

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

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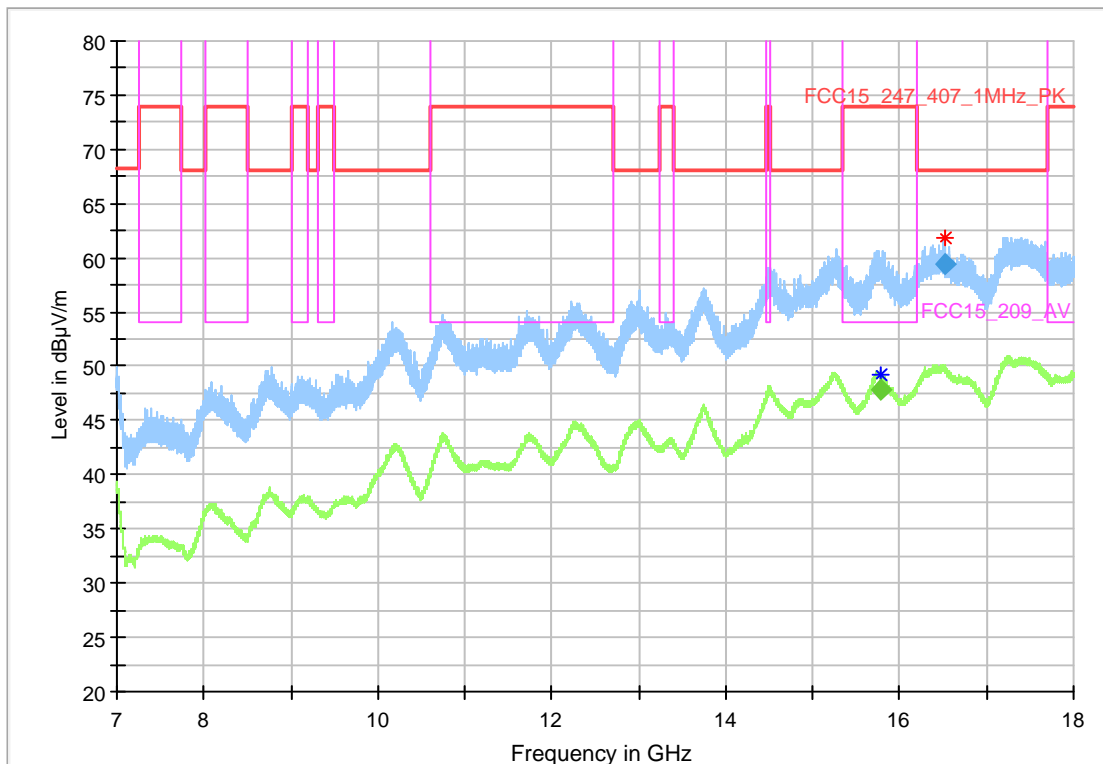# 4.72a_WLAN_n_mode_40MHz_ch46

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: KIv

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: KIv

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)
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:	KIv

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
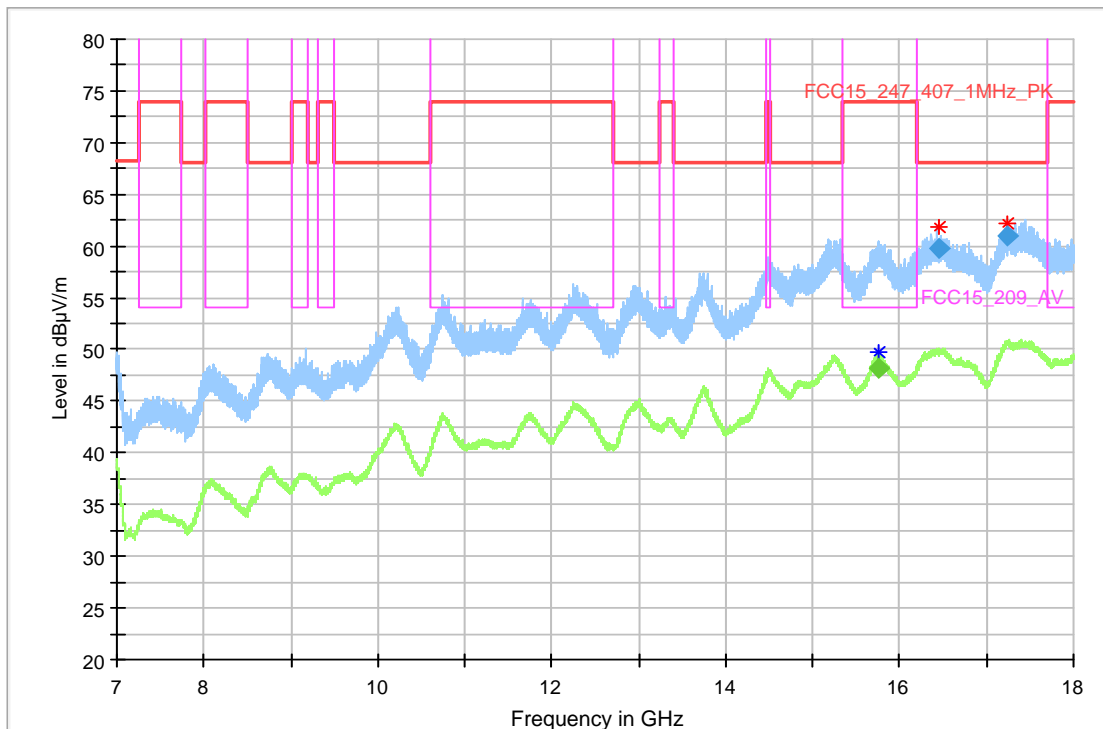
Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
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

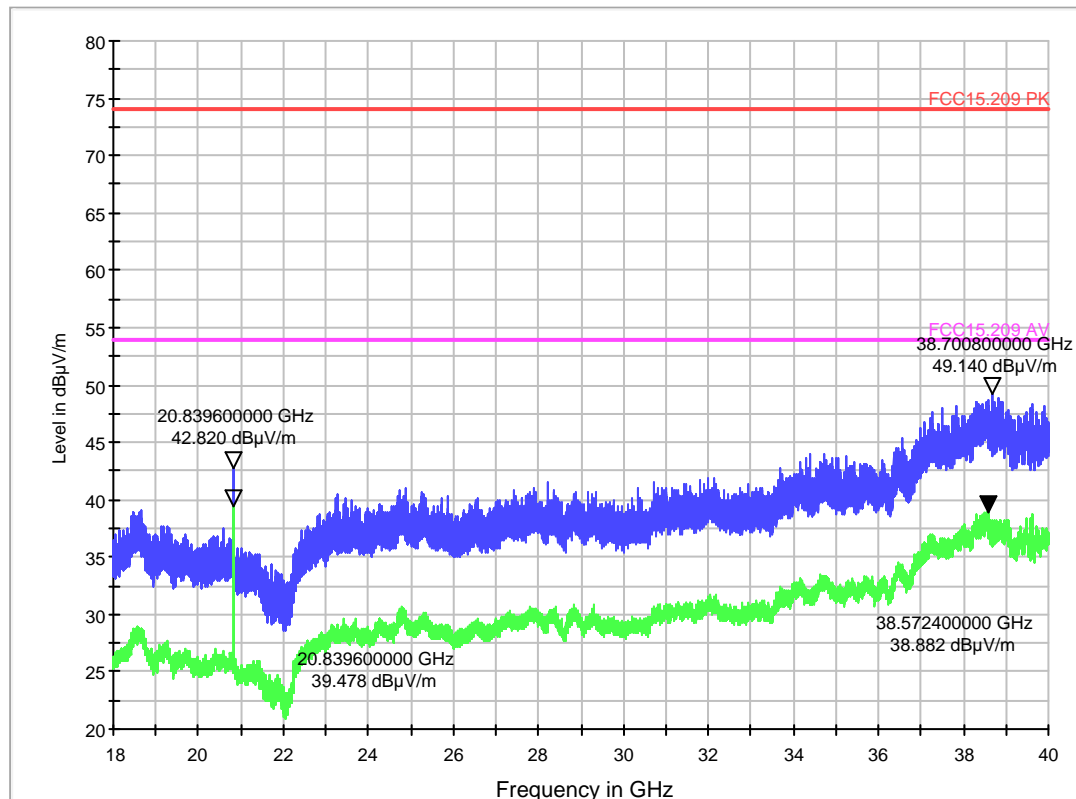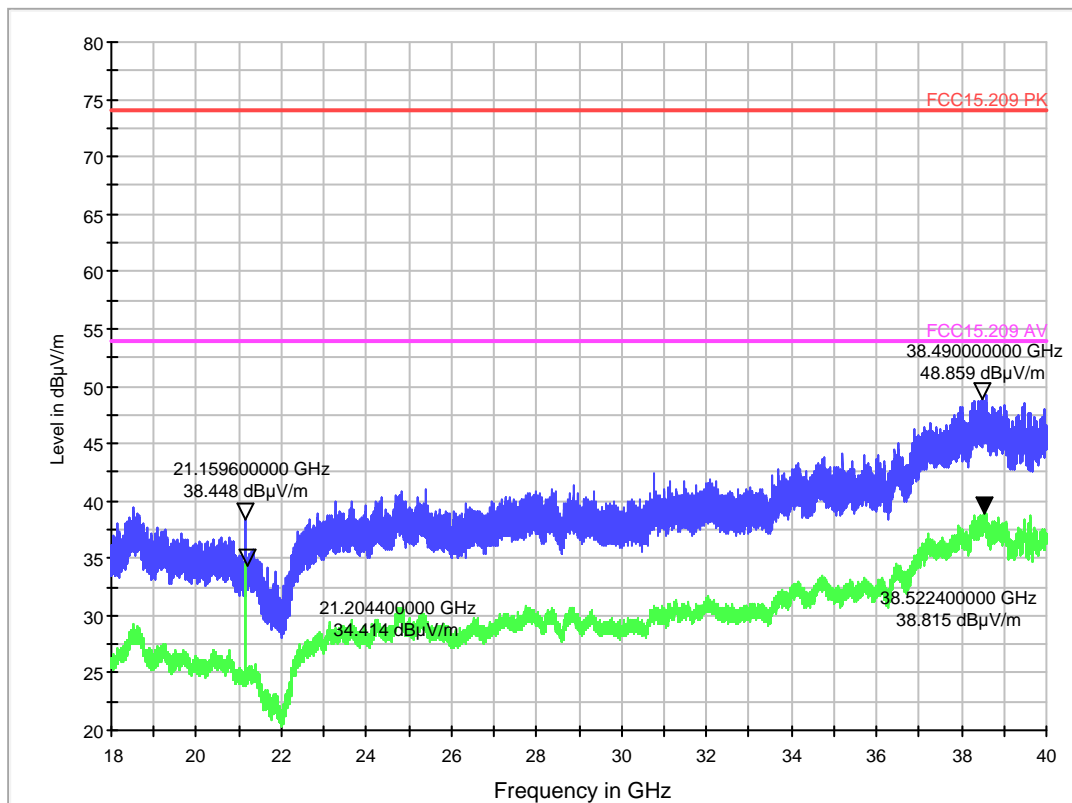## Common Information

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: KIv

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
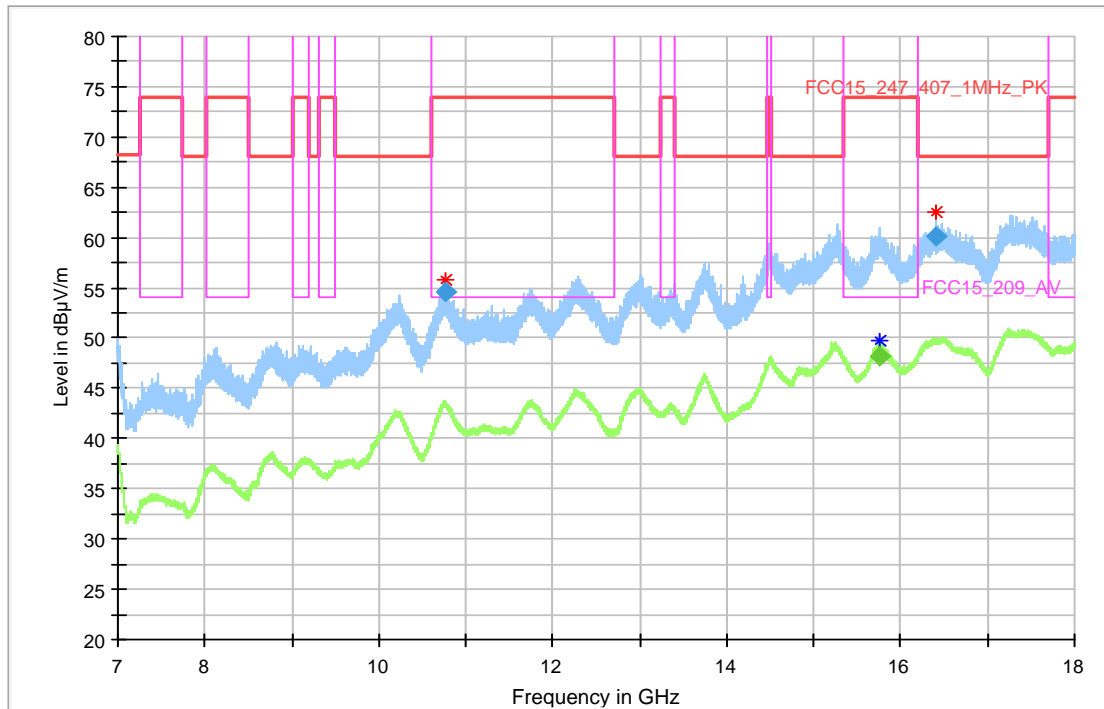
Final_Result

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

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Diagram No.: 4.52b_WLAN_ac_mode_80MHz_ch58

Common Information

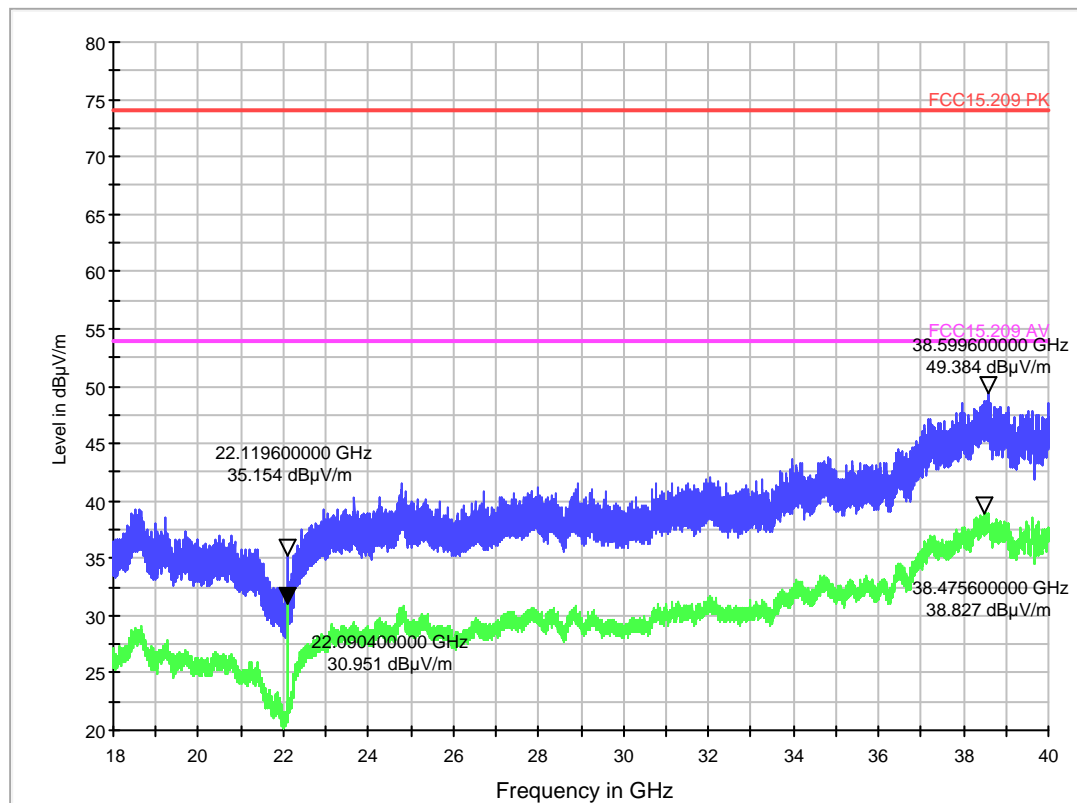|	
Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247, 15.205&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Distance correction factor	3 to 1m: -10.5 dB applying to measurement results
SW-Version:	EMC32 V8.53.0
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

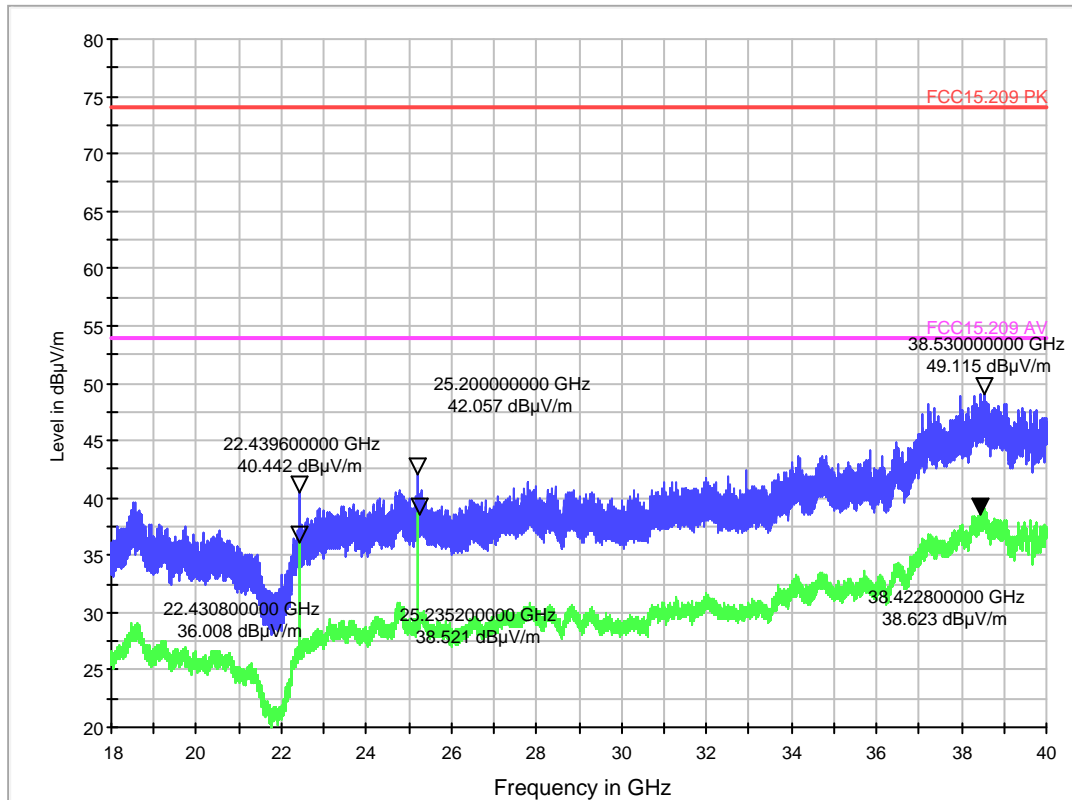|	
Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247, 15.205&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Distance correction factor	3 to 1m: -10.5 dB applying to measurement results
SW-Version:	EMC32 V8.53.0
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

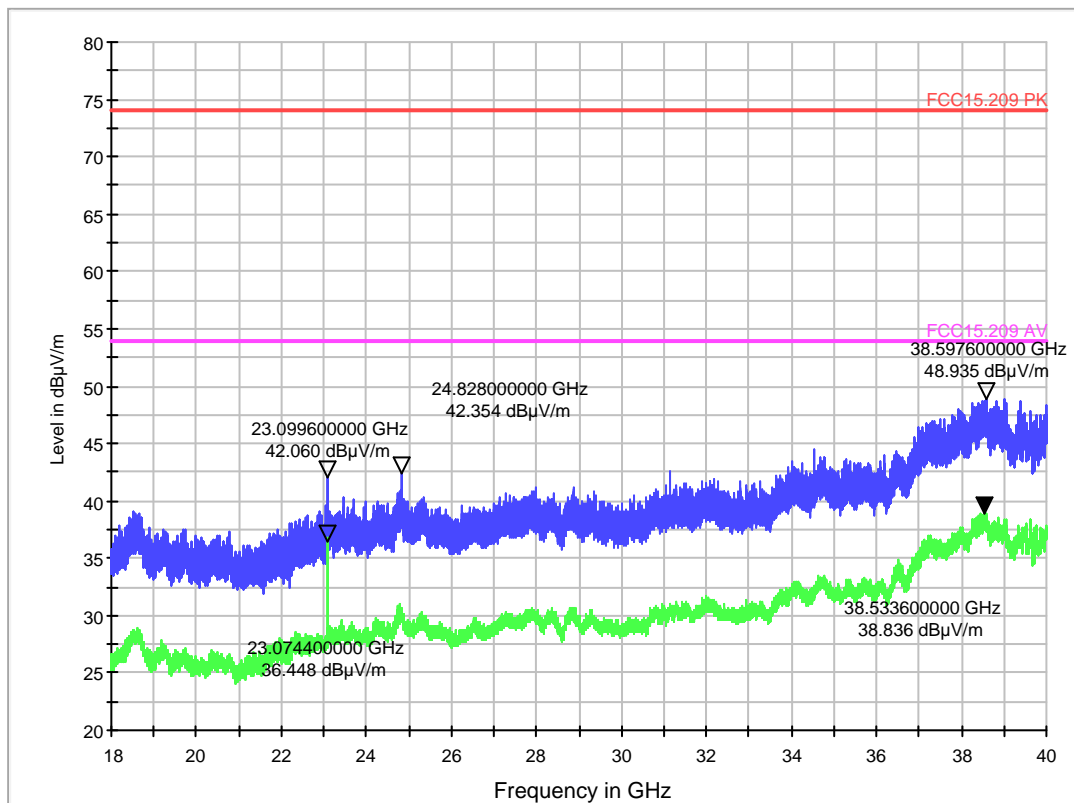# Diagram No.: 4.54b_WLAN_ac_mode_80MHz_ch122

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

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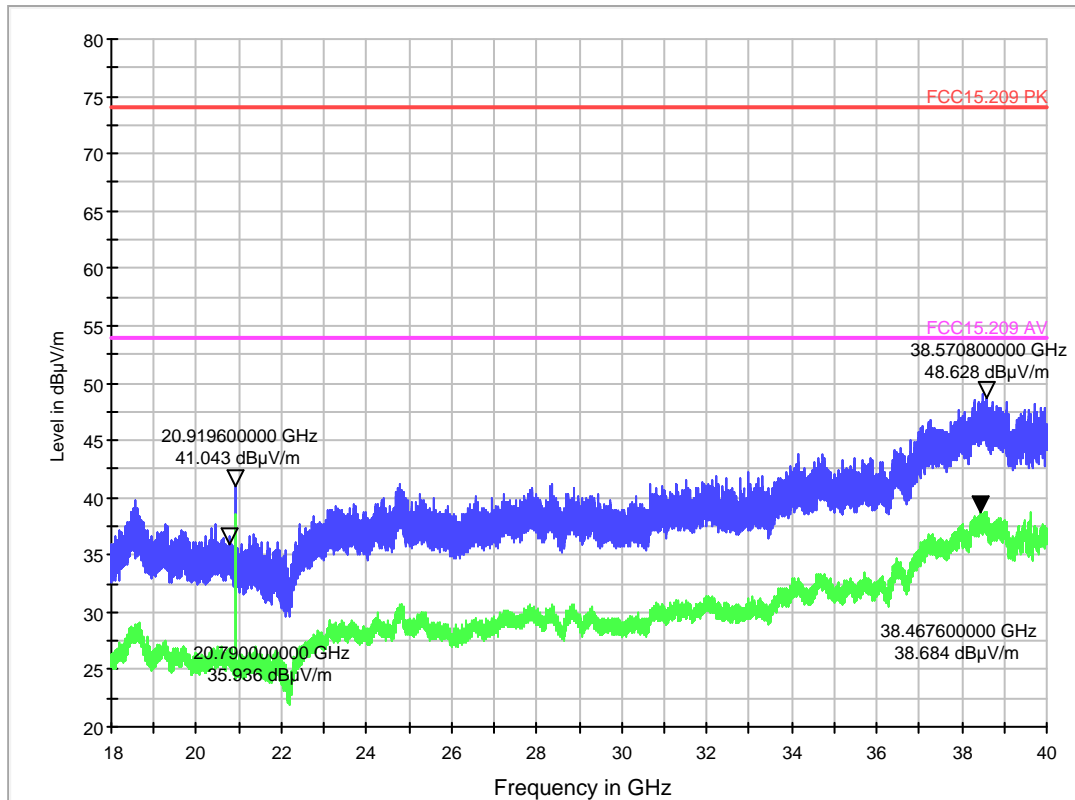# Diagram No.: 4.55b_WLAN_ac_mode_80MHz_ch155

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

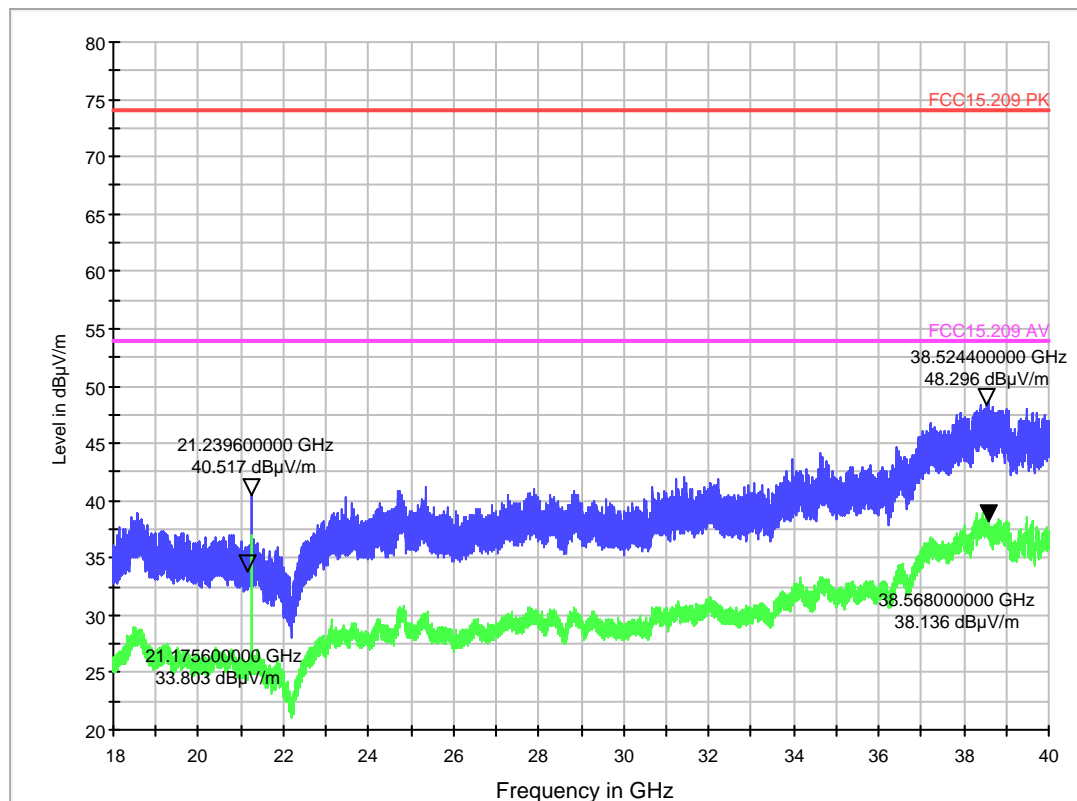# Diagram No.: 4.56b_WLAN_ac_mode_40MHz_ch46

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

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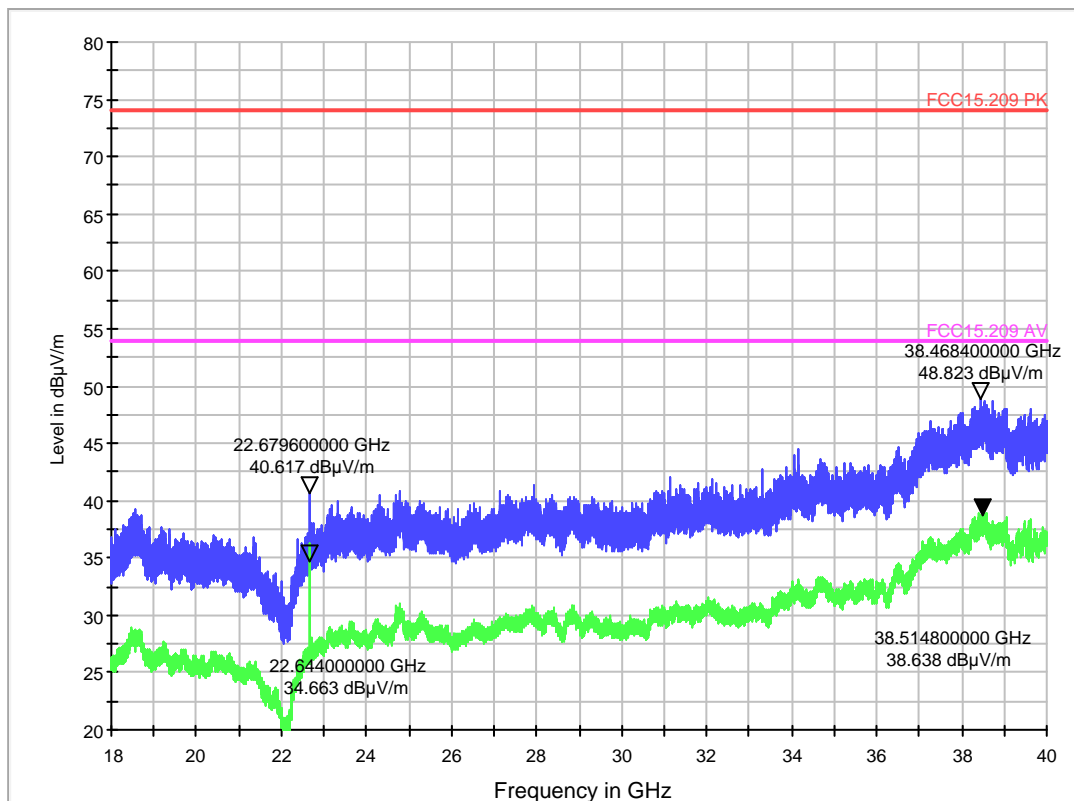# Diagram No.: 4.57b_WLAN_ac_mode_40MHz_ch62

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

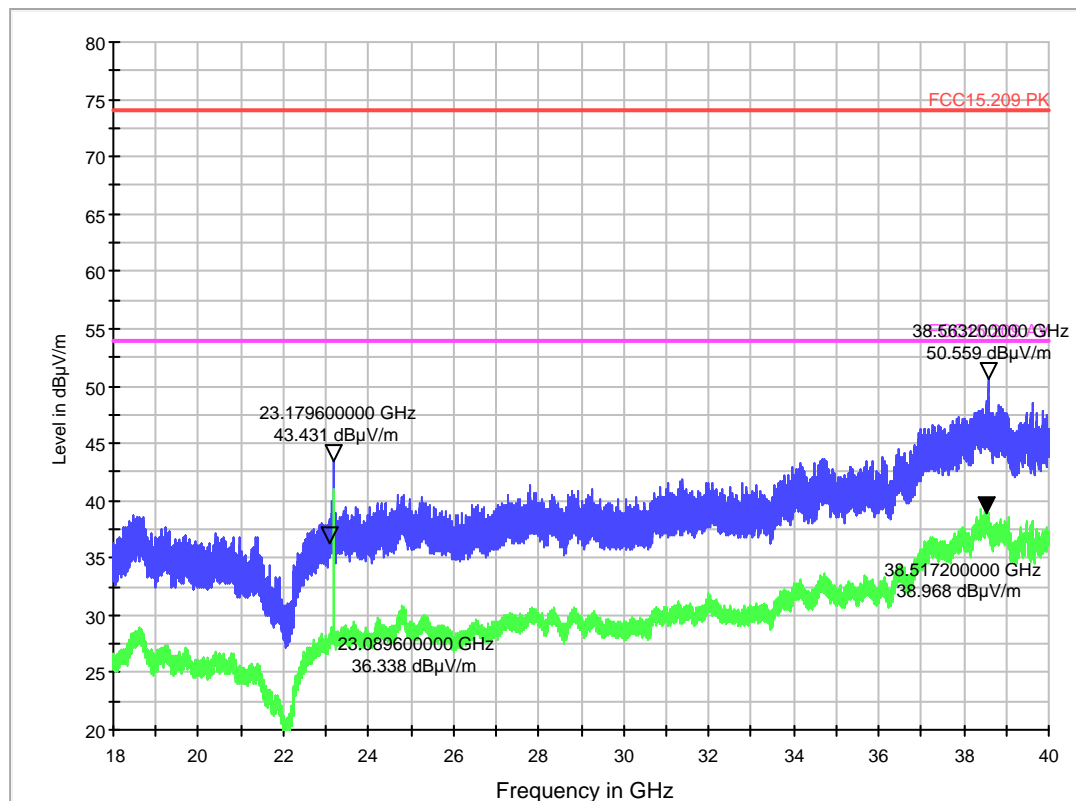# Diagram No.: 4.58b_WLAN_ac_mode_40MHz_ch134

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

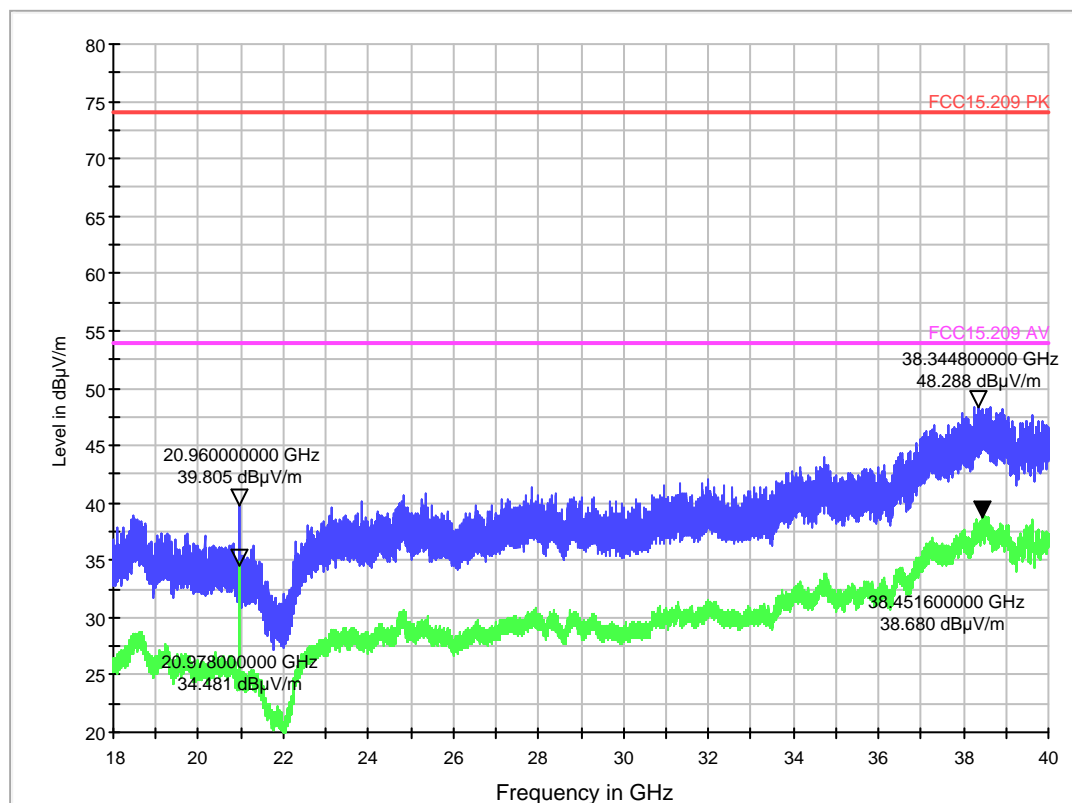# Diagram No.: 4.59b_WLAN_ac_mode_40MHz_ch159

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

CETECOM™

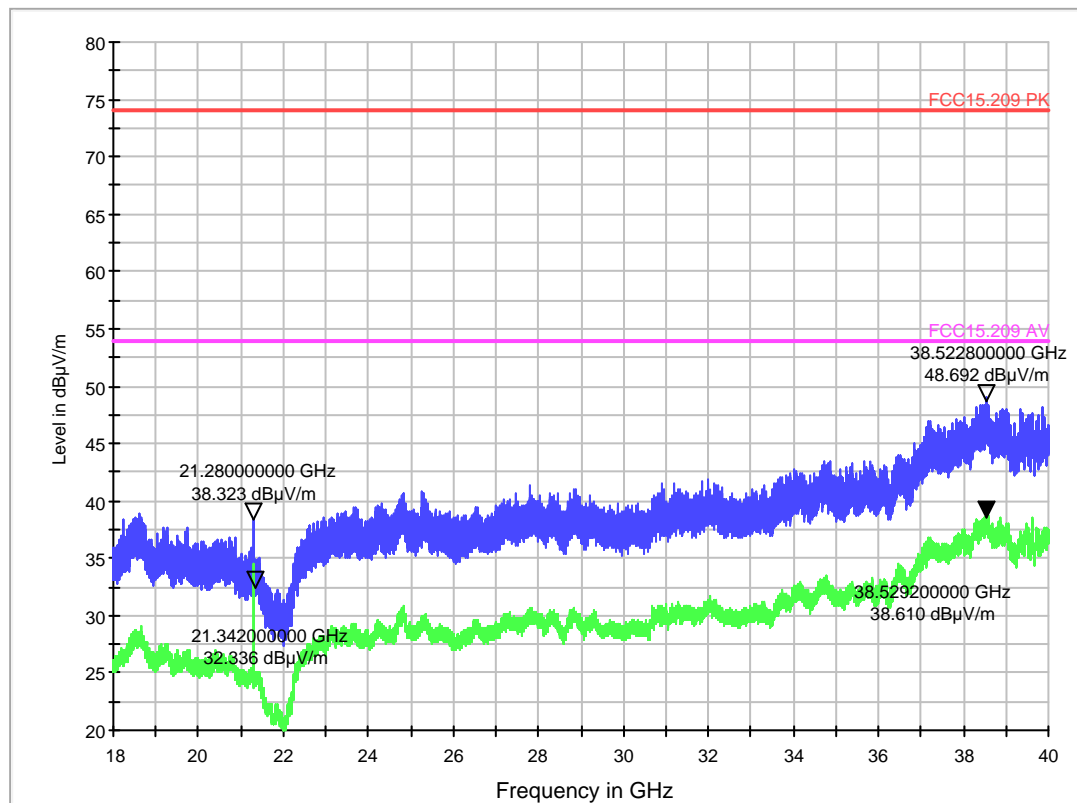# Diagram No.: 4.60b_WLAN_a_mode_20MHz_ch48

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

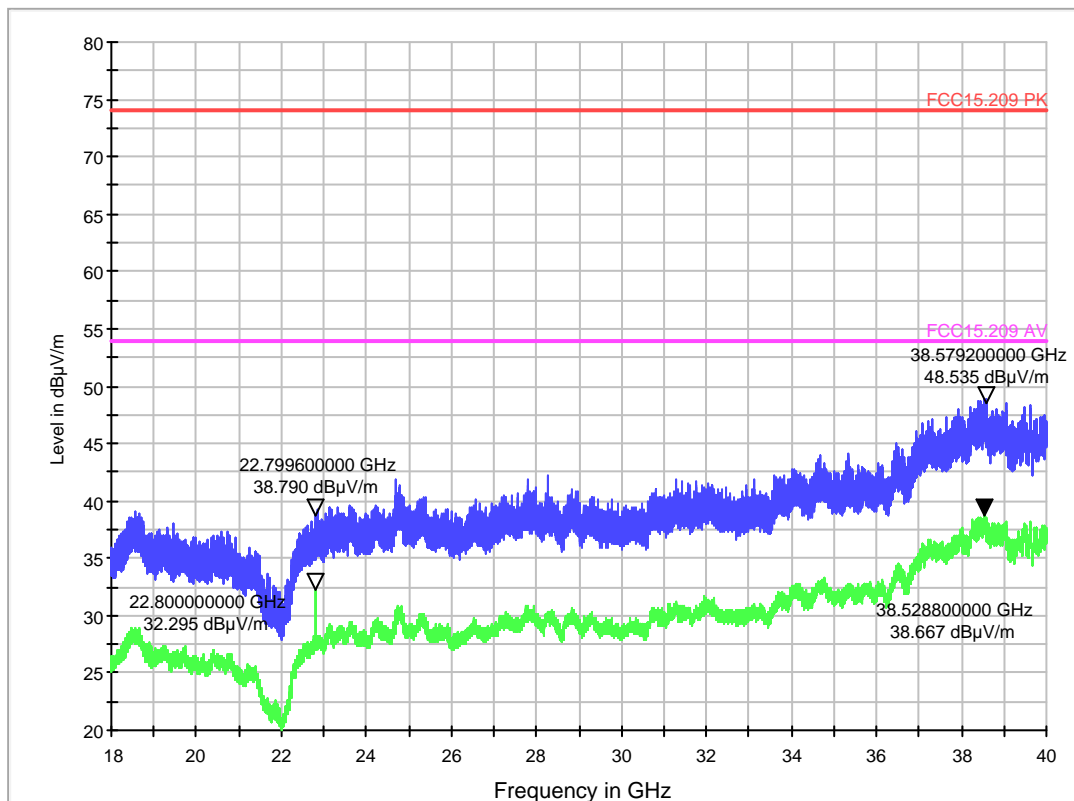# Diagram No.: 4.61b_WLAN_a_mode_20MHz_ch64

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

CETECOM™

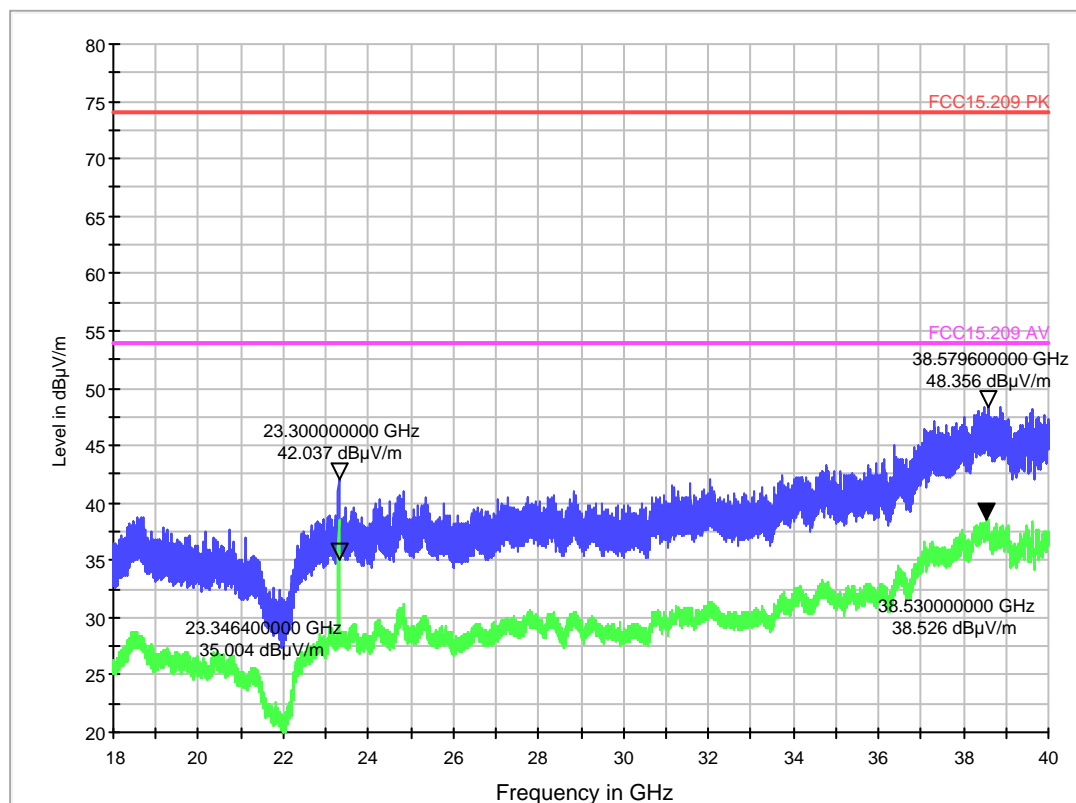# Diagram No.: 4.62a_WLAN_a_mode_20MHz_ch140

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

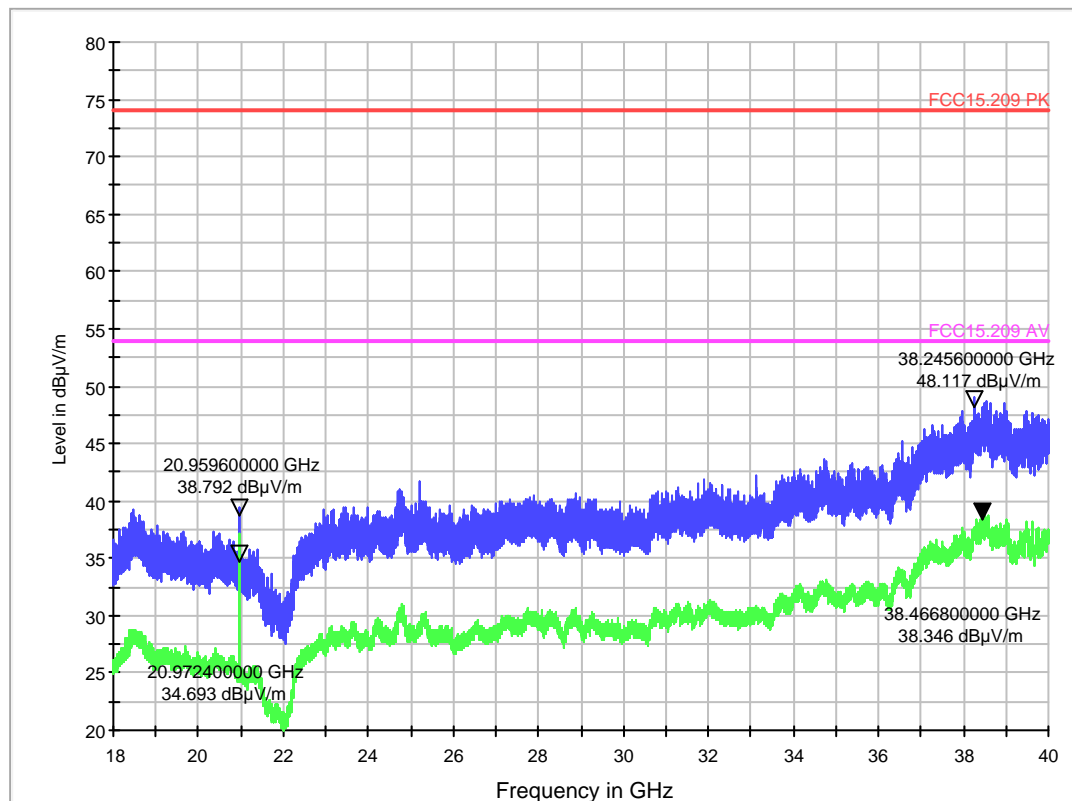**Diagram No.: 4.63b_WLAN_a_mode_20MHz_ch165**

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

CETECOM™

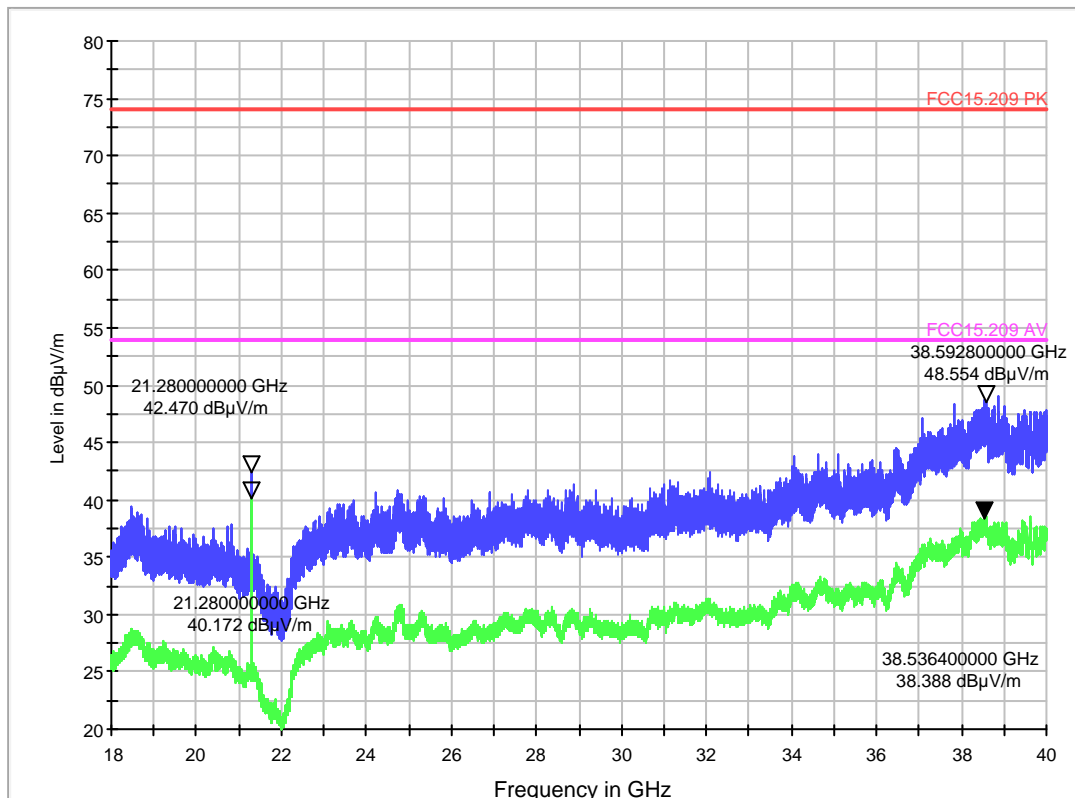# Diagram No.: 4.64b_WLAN_n_mode_20MHz_ch48

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

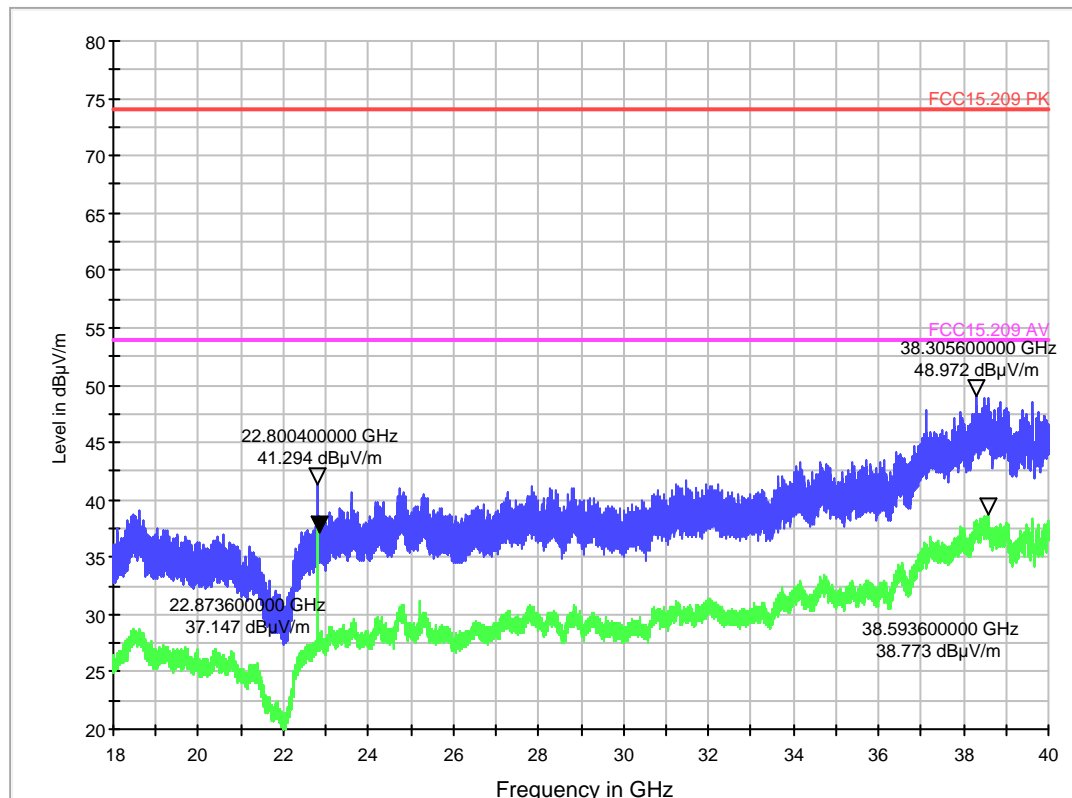# Diagram No.: 4.65b_WLAN_n_mode_20MHz_ch64

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

CETECOM™

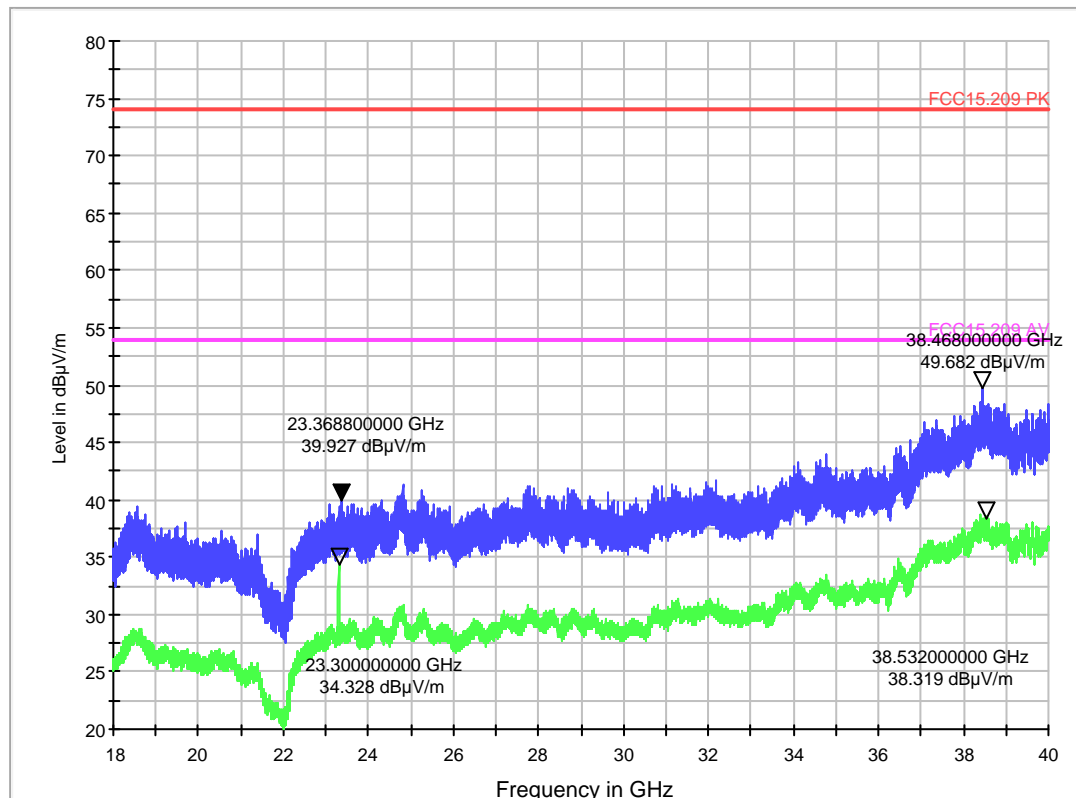# Diagram No.: 4.66b_WLAN_n_mode_20MHz_ch100

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

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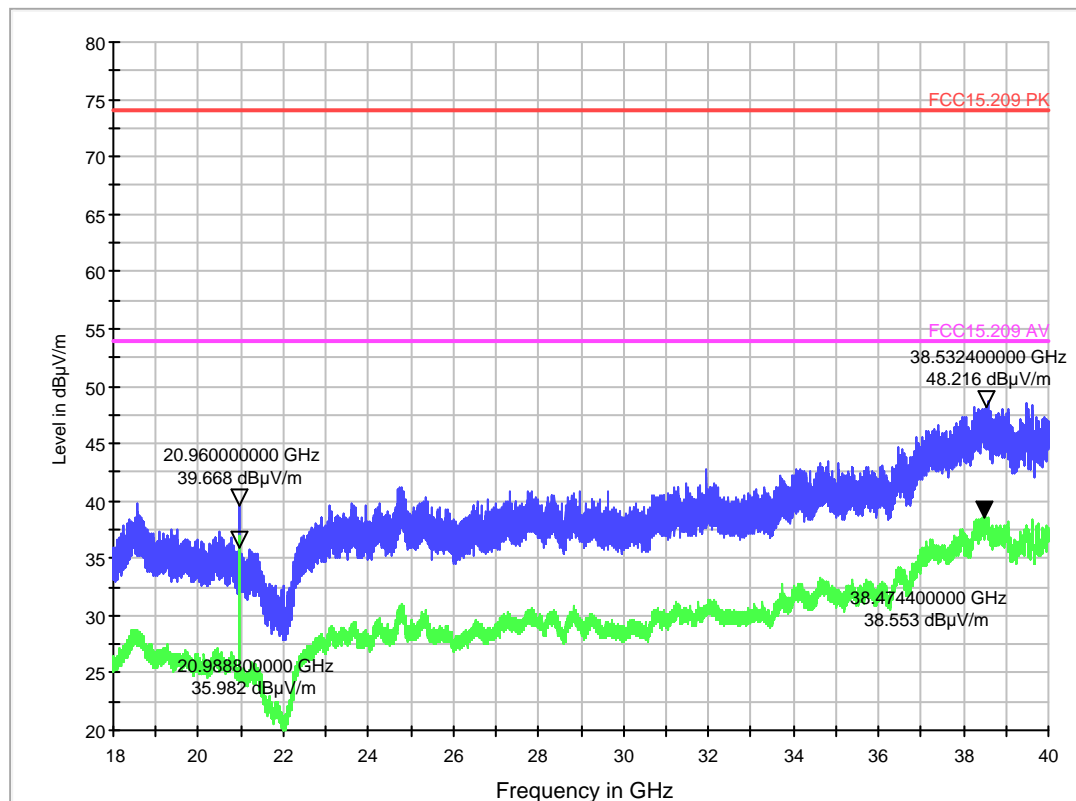# Diagram No.: 4.68b_WLAN_ac_mode_20MHz_ch48

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

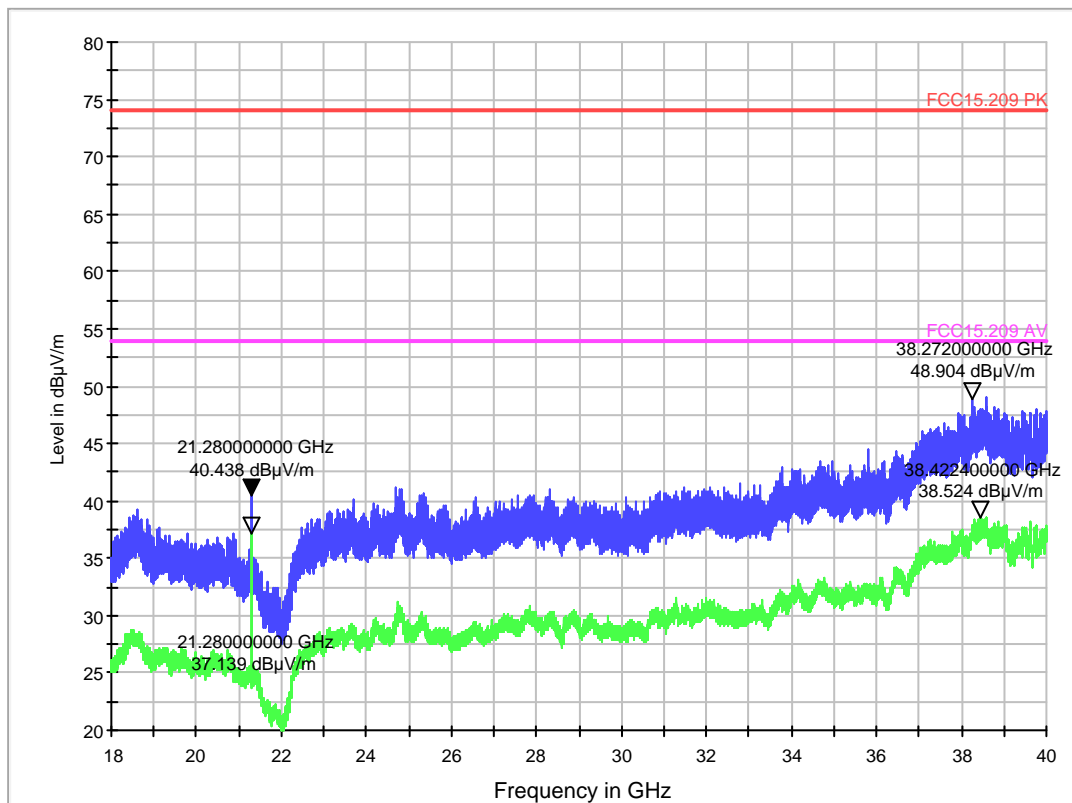|	
Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247, 15.205&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Distance correction factor	3 to 1m: -10.5 dB applying to measurement results
SW-Version:	EMC32 V8.53.0
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

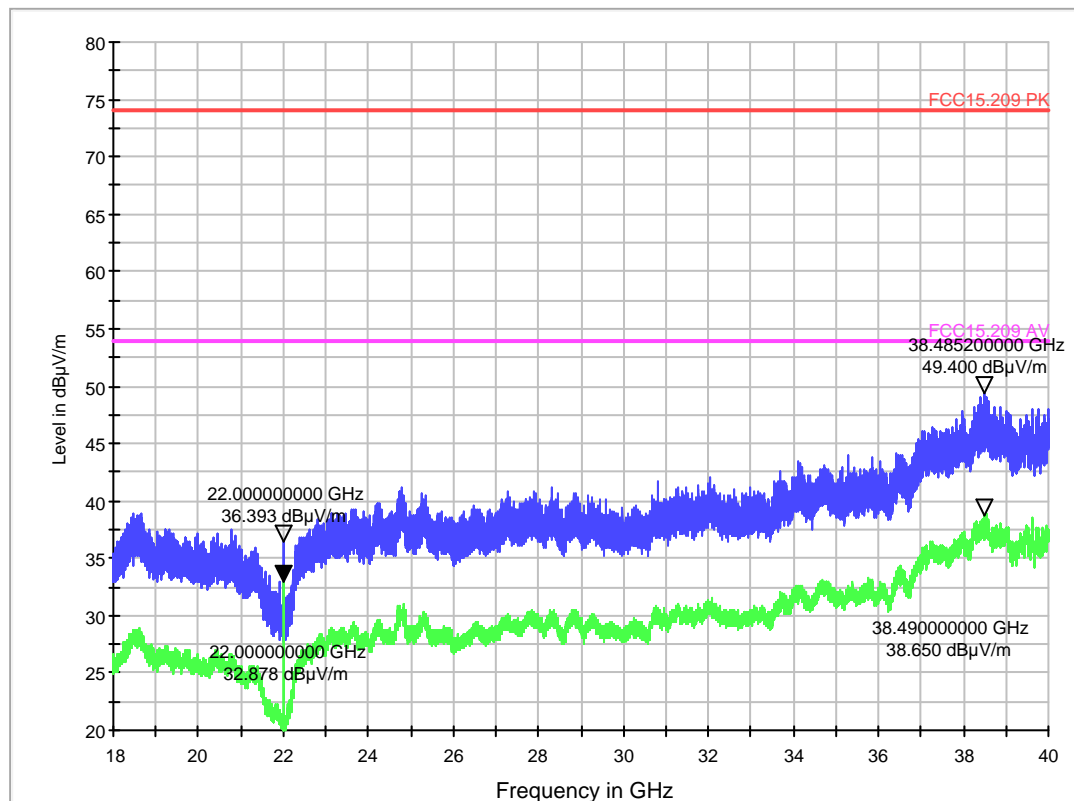# Diagram No.: 4.70b_WLAN_ac_mode_20MHz_ch100

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

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Diagram No.: 4.71b_WLAN_ac_mode_20MHz_ch149

Common Information

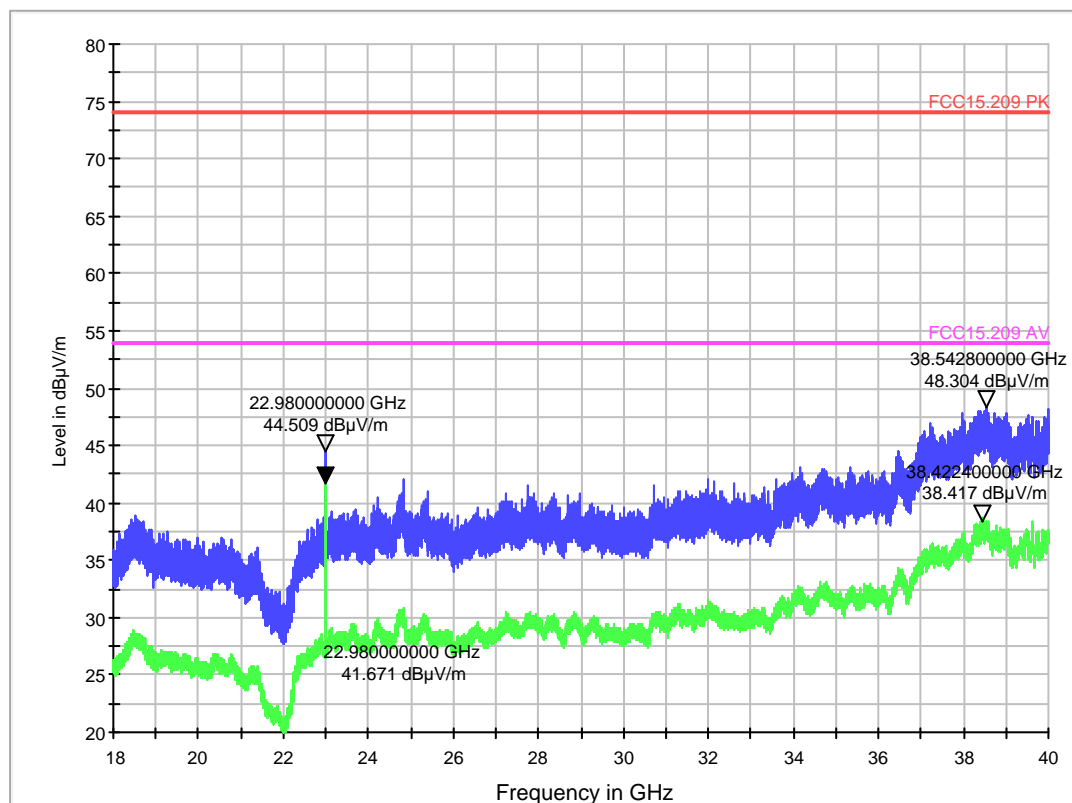|	
Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247, 15.205&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Distance correction factor	3 to 1m: -10.5 dB applying to measurement results
SW-Version:	EMC32 V8.53.0
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

CETECOM™

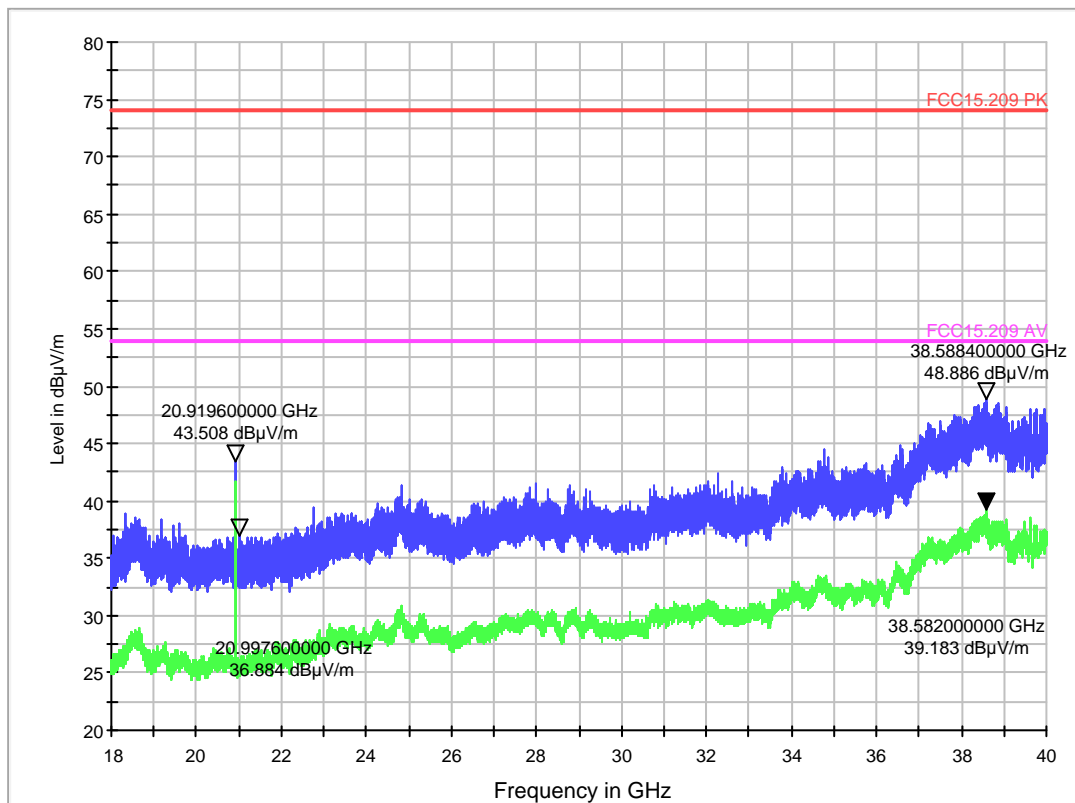# Diagram No.: 4.72b_WLAN_n_mode_40MHz_ch46

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

CETECOM™

Diagram No.: 4.73b_WLAN_n_mode_40MHz_ch62

Common Information

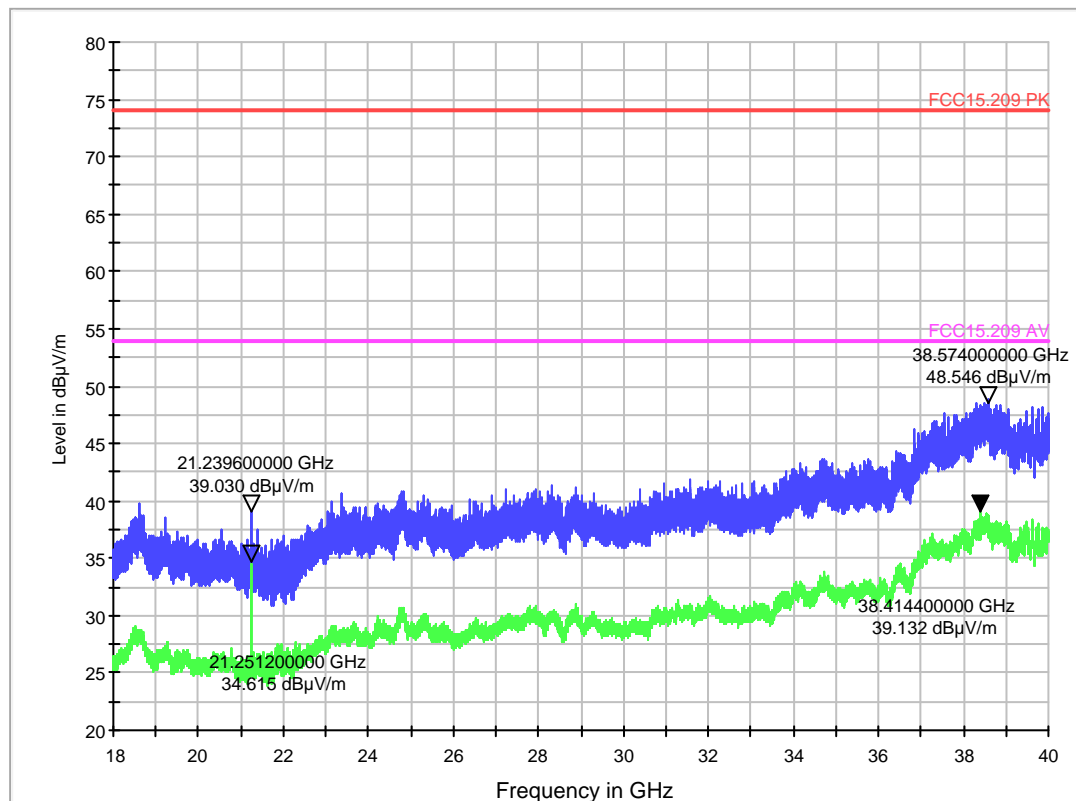|	
Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247, 15.205&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Distance correction factor	3 to 1m: -10.5 dB applying to measurement results
SW-Version:	EMC32 V8.53.0
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

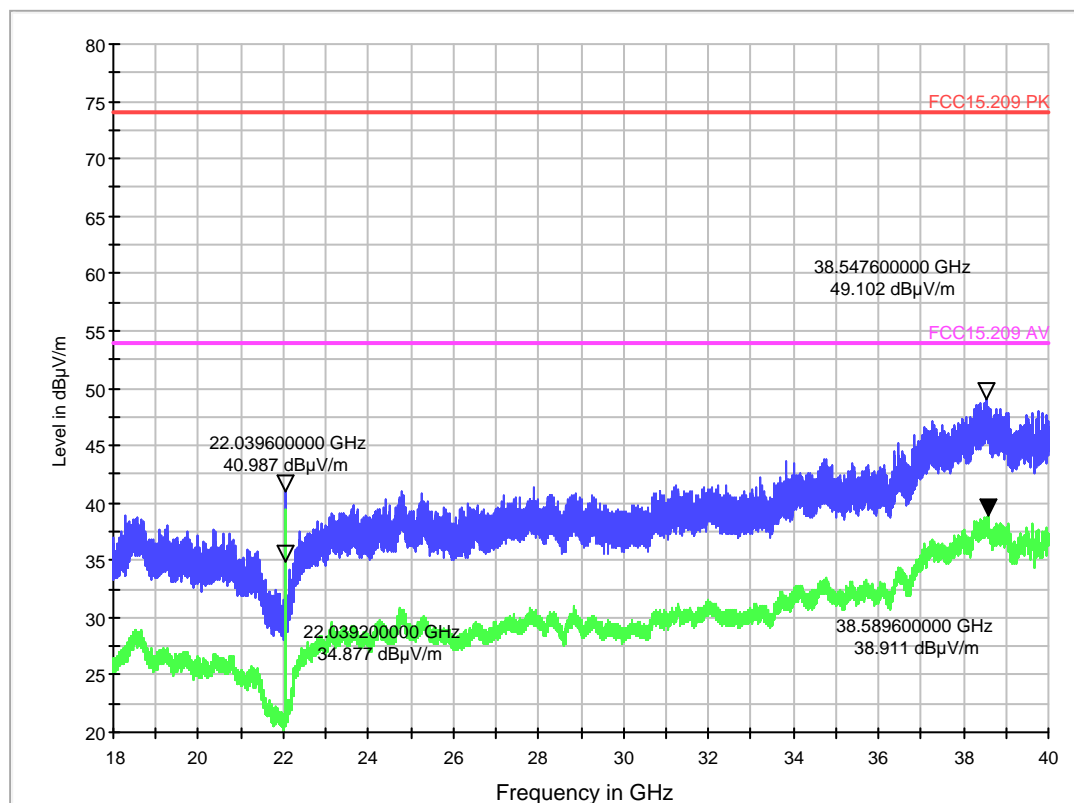# Diagram No.: 4.74b_WLAN_n_mode_40MHz_ch102

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

CETECOM™

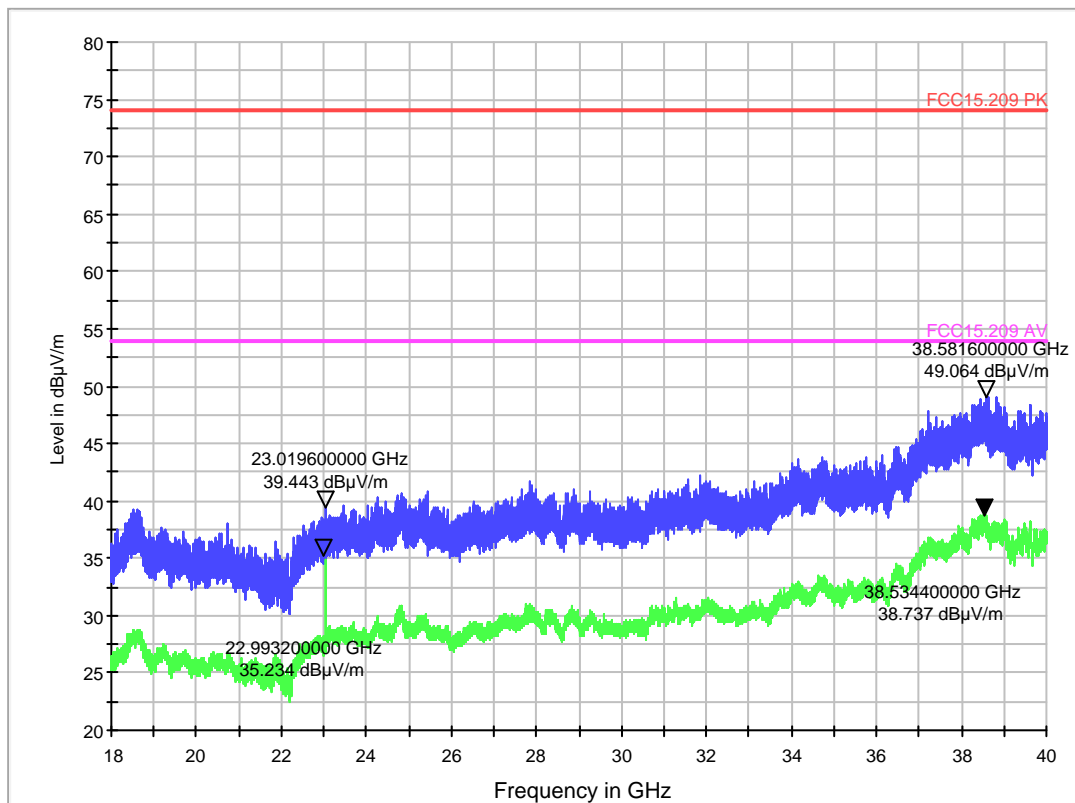# Diagram No.: 4.75b_WLAN_n_mode_40MHz_ch151

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

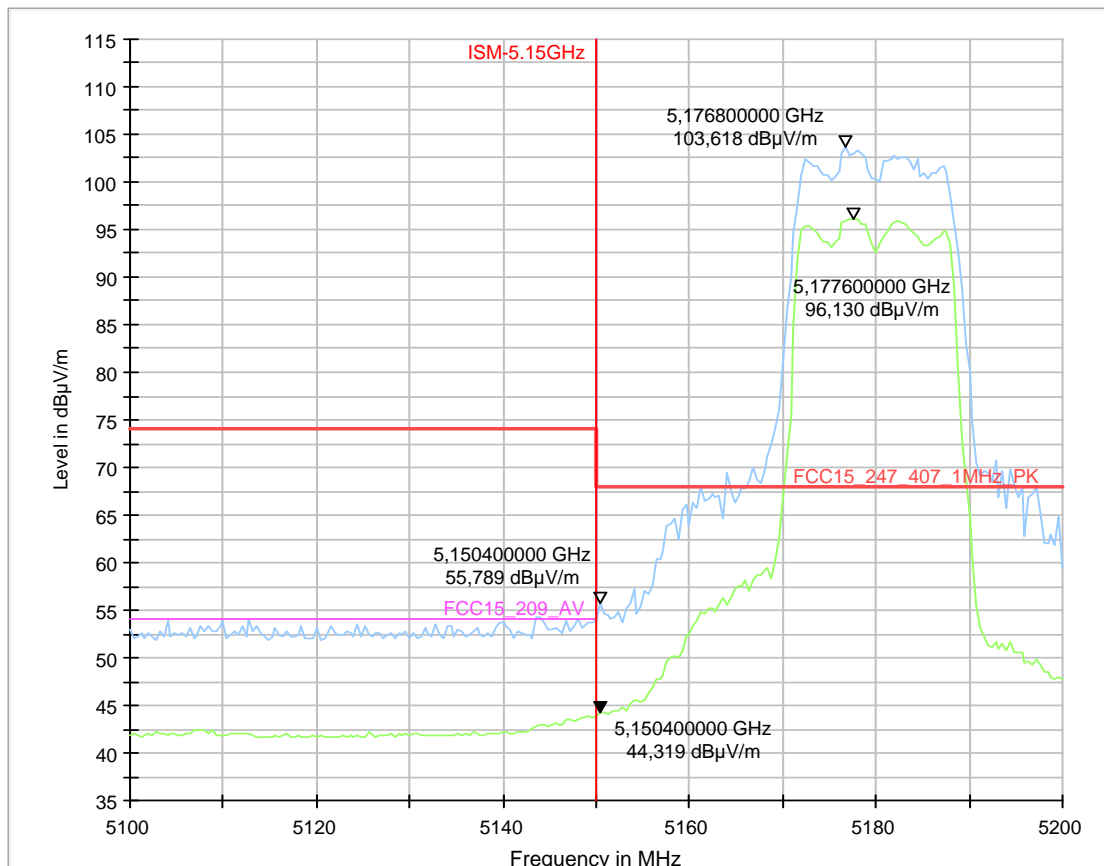**Common Information**

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:	RIs
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

CETECOM™

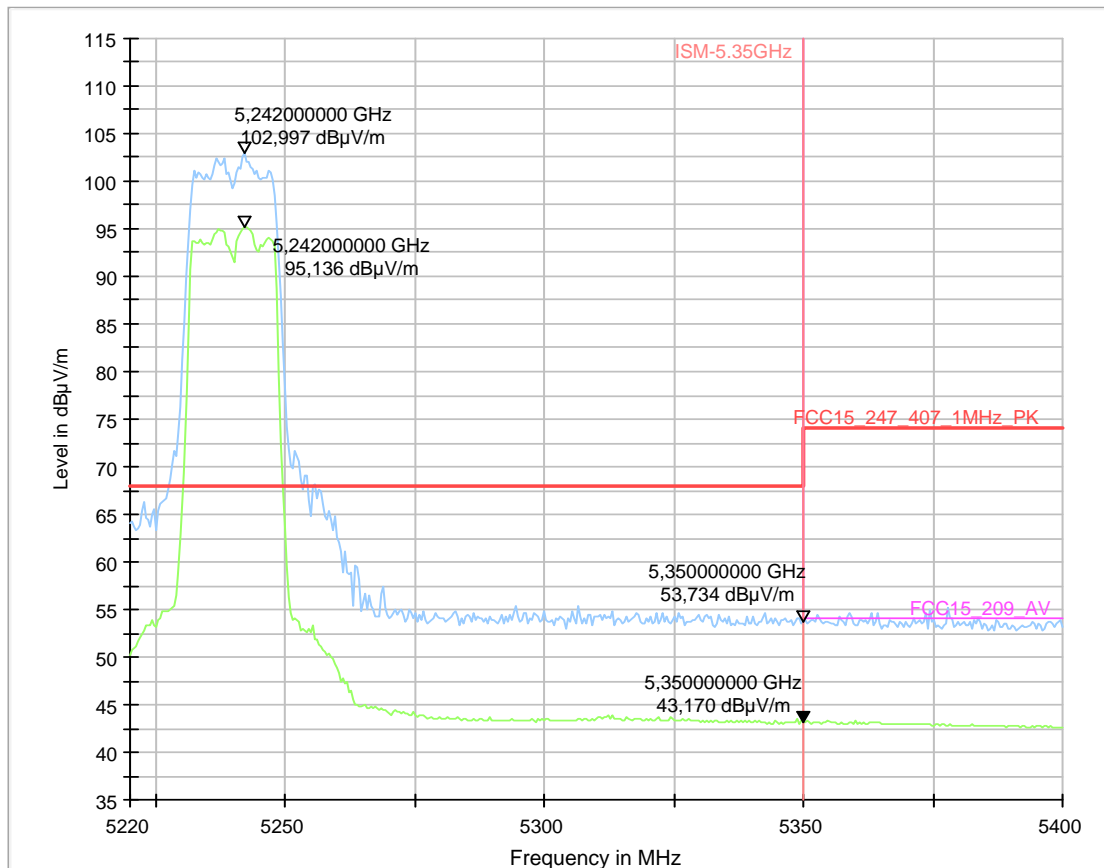# 9.02_BE_11a_ch48_20MHz_6Mbit

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:	RIs
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
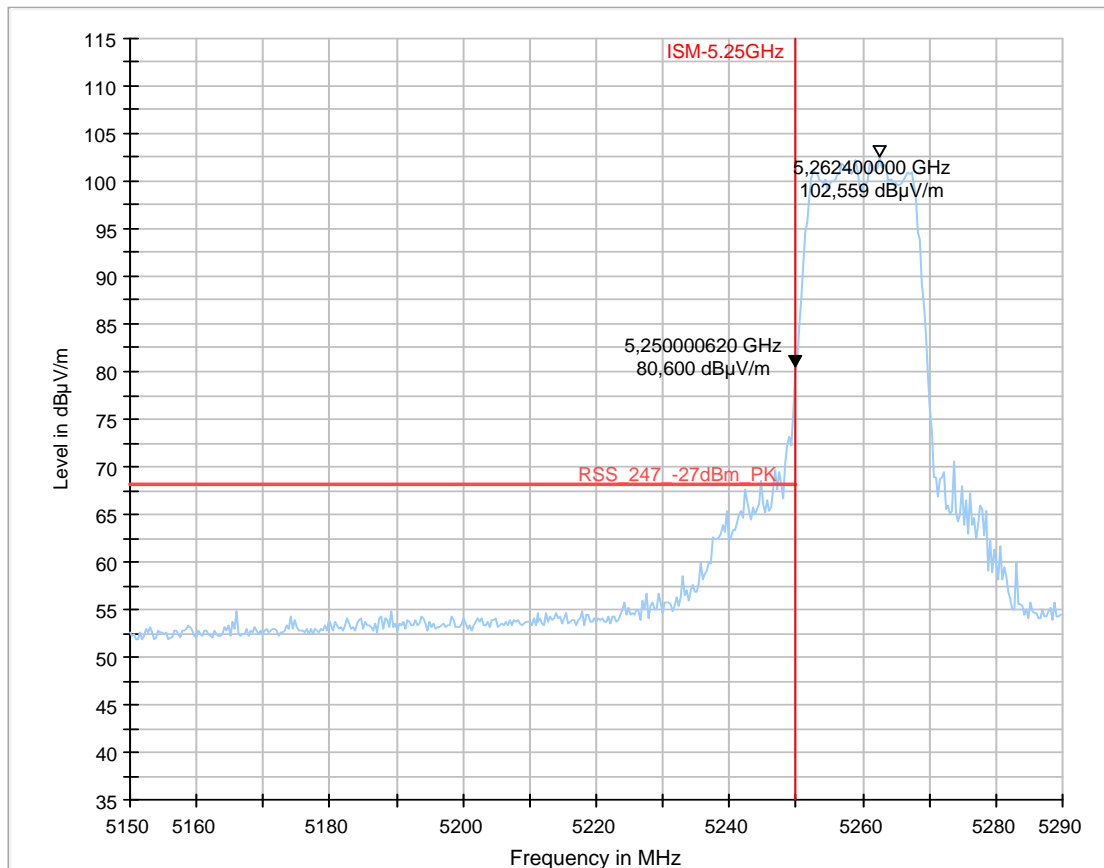
Common Information

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: RIs
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
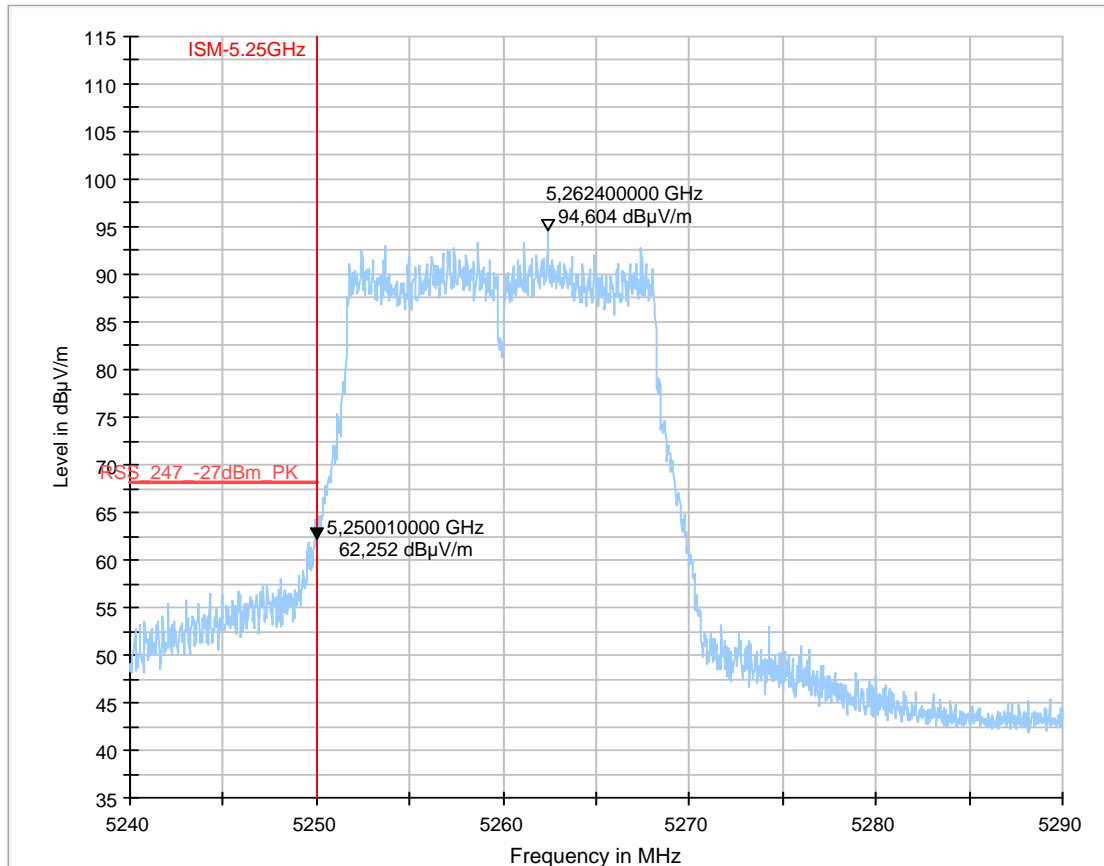Comments: -

Full Spectrum

CETECOM_TR17-1-0065901T60a-A1.docx

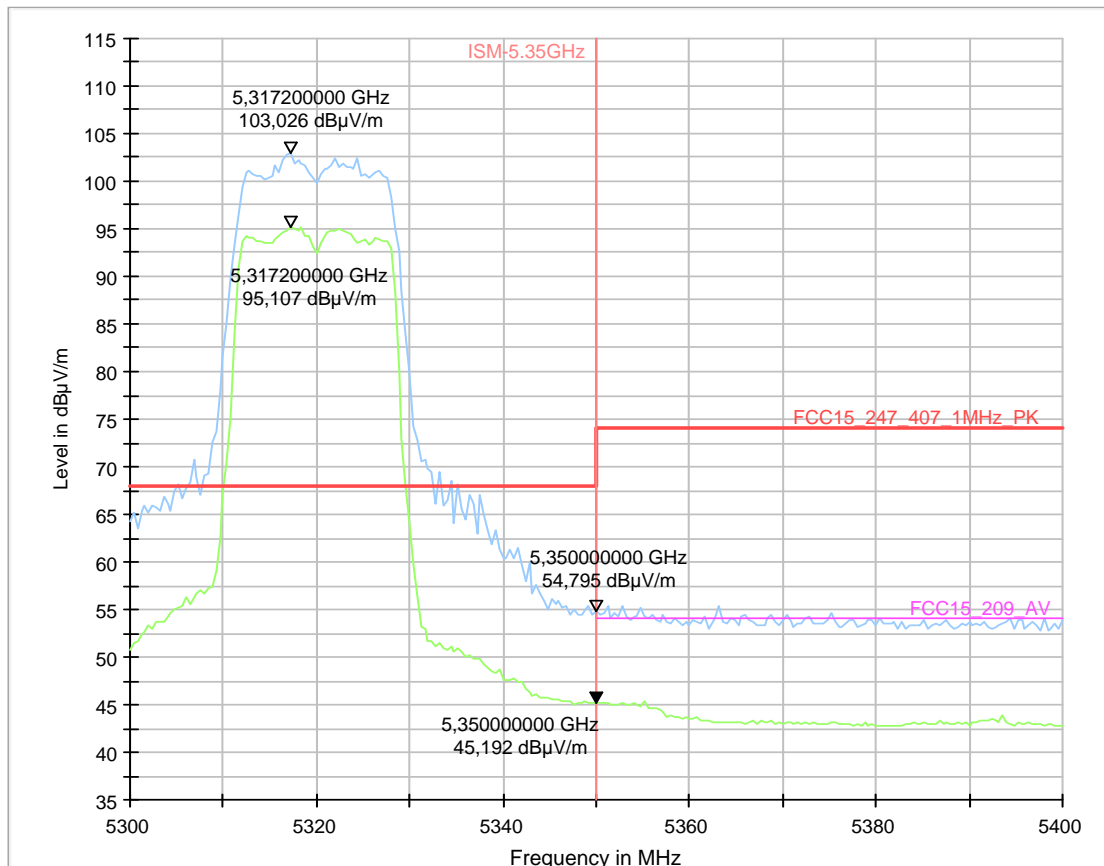# 9.03b_BE_11a_ch52_20MHz_6Mbit

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: RIs
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

CETECOM™

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:	RIs
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

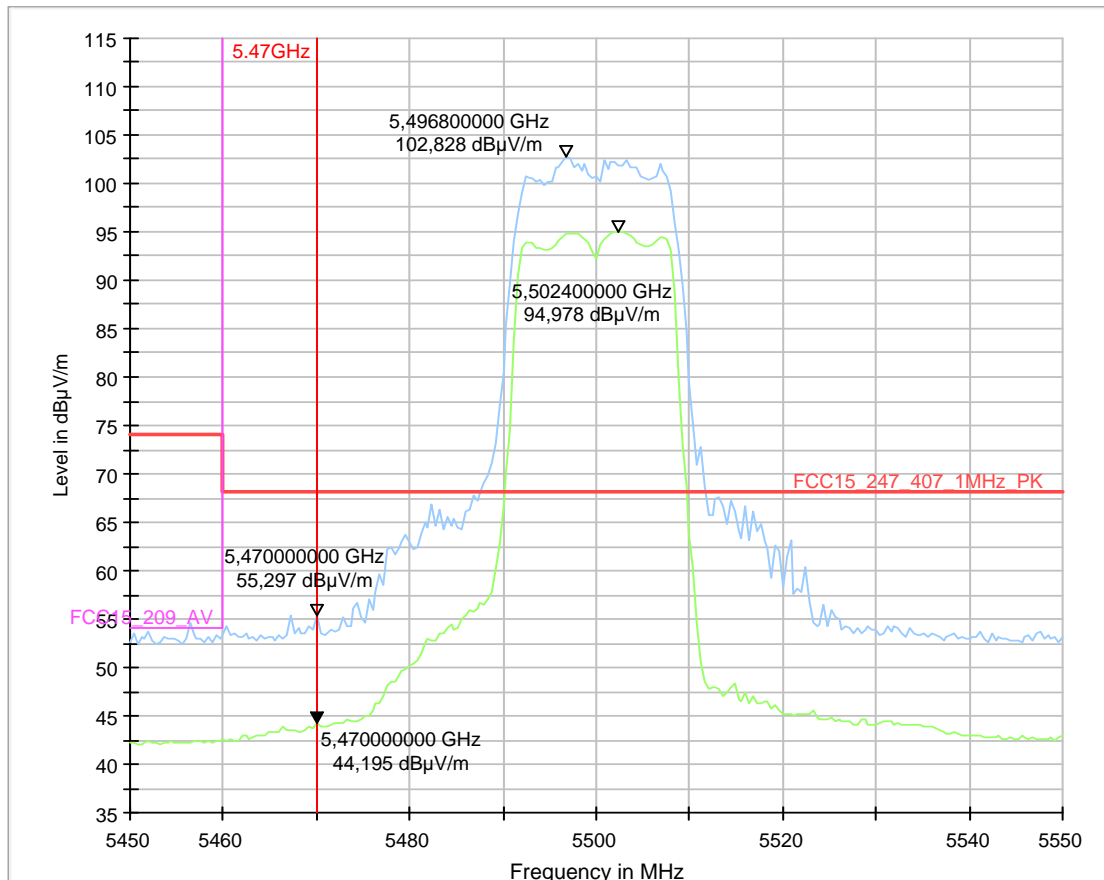# 9.05_BE_11a_ch100_20MHz_6Mbit

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: RIs
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: -
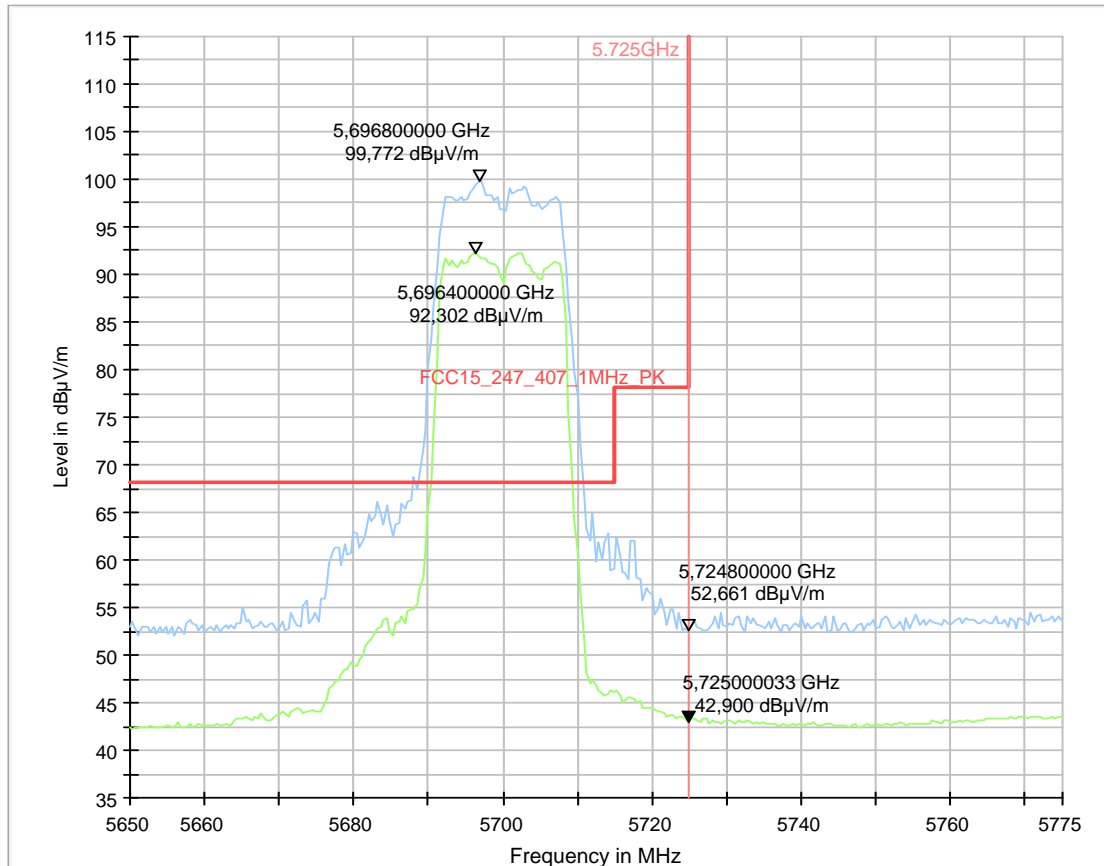Power Supply: 15VDC
Comments: -

Full Spectrum

CETECOM™

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: RIs
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

CETECOM™

9.07_BE_11a_ch149_20MHz_6Mbit
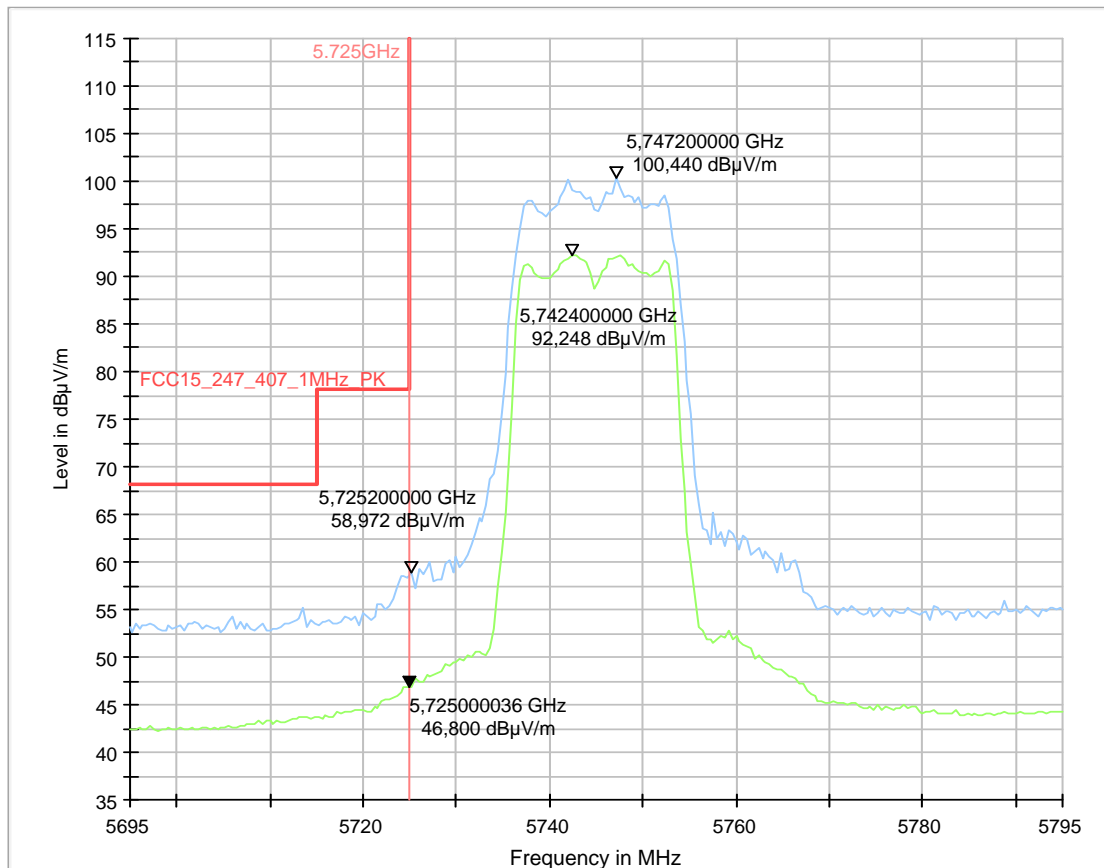
Common Information

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: RIs
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: -
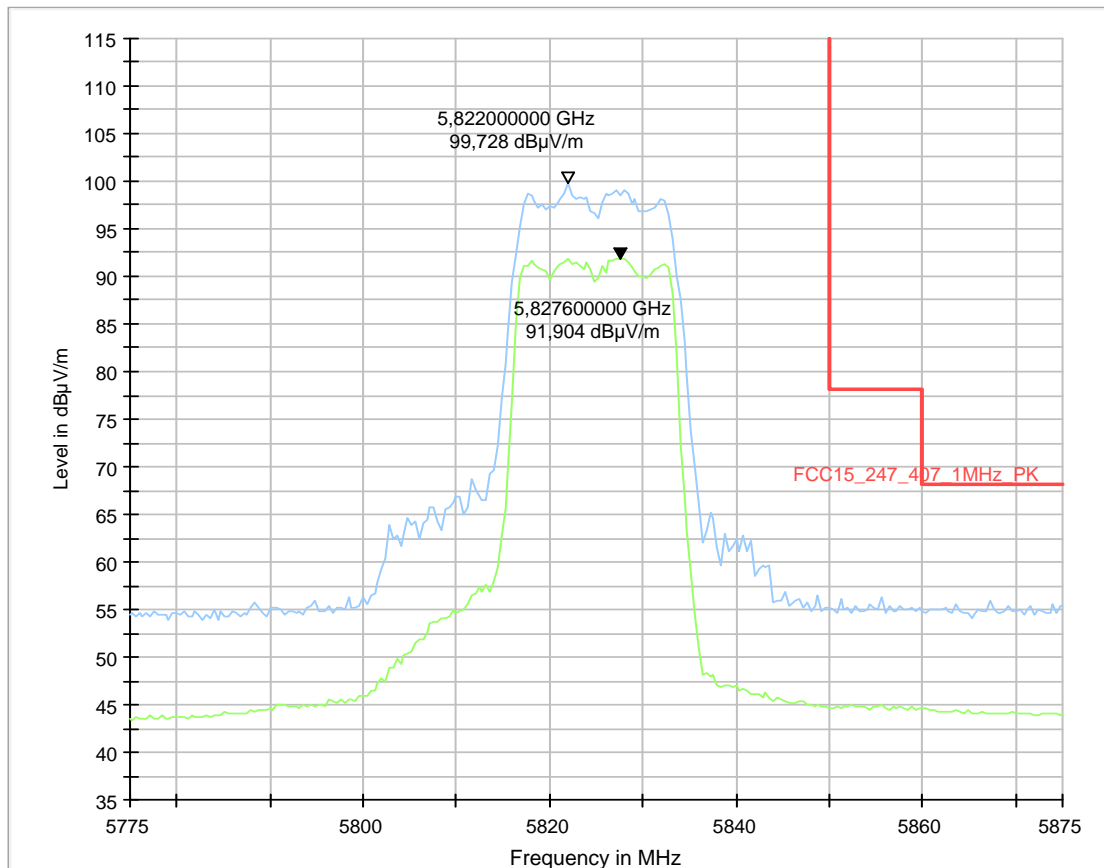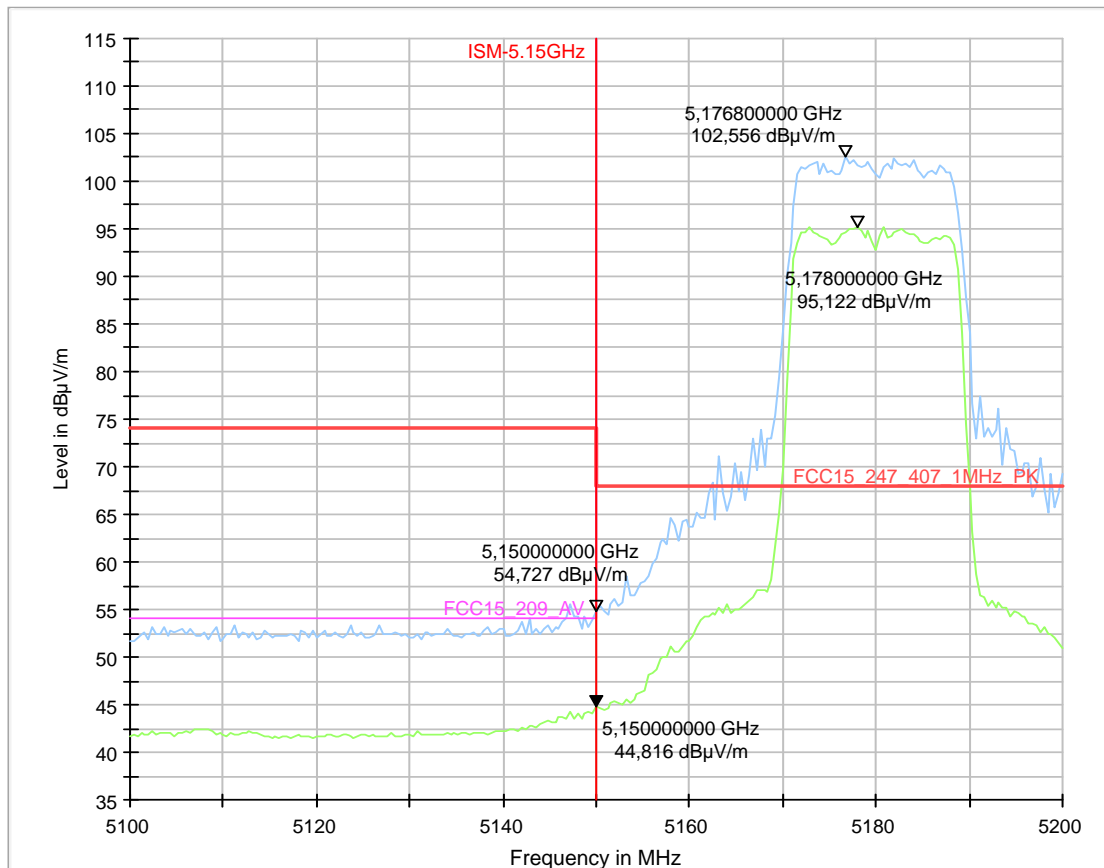Power Supply: 15VDC
Comments: -

Full Spectrum

CETECOM™

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:	RIs
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

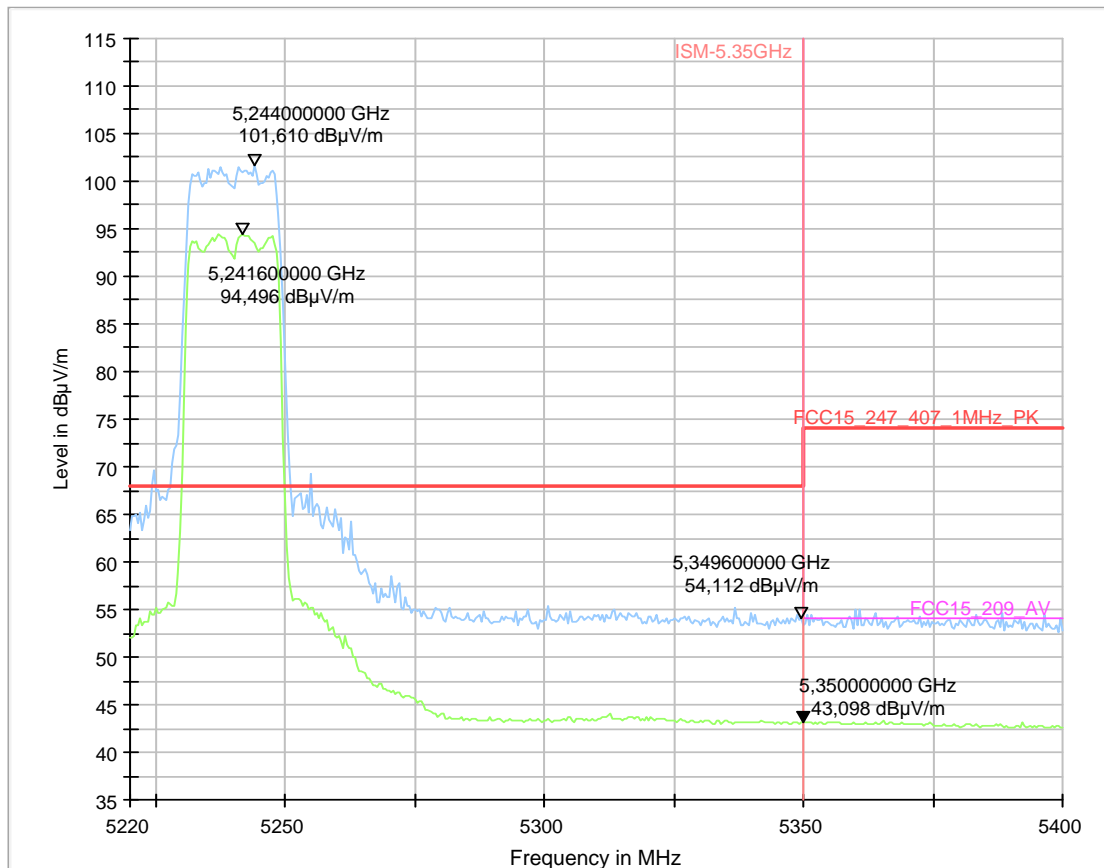# 9.09_BE_11n_ch36_20MHz_MCS0

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:	RIs
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:	RIs
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:	-

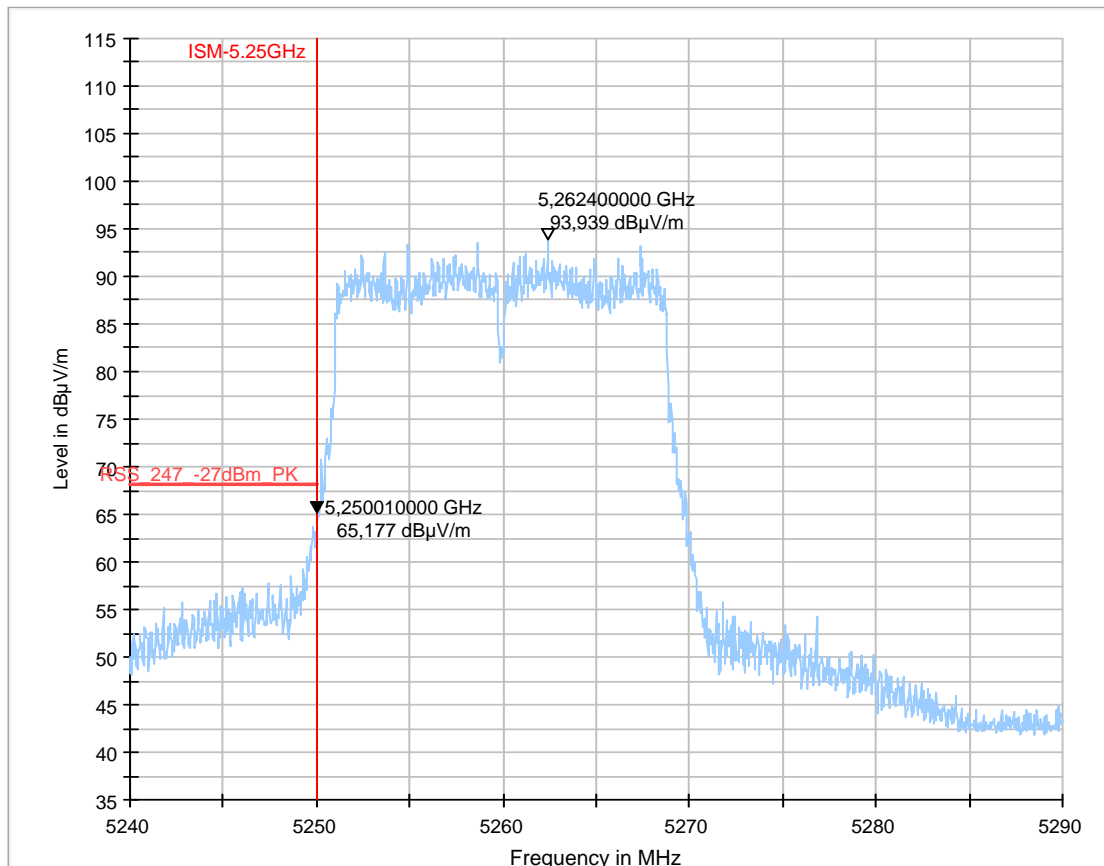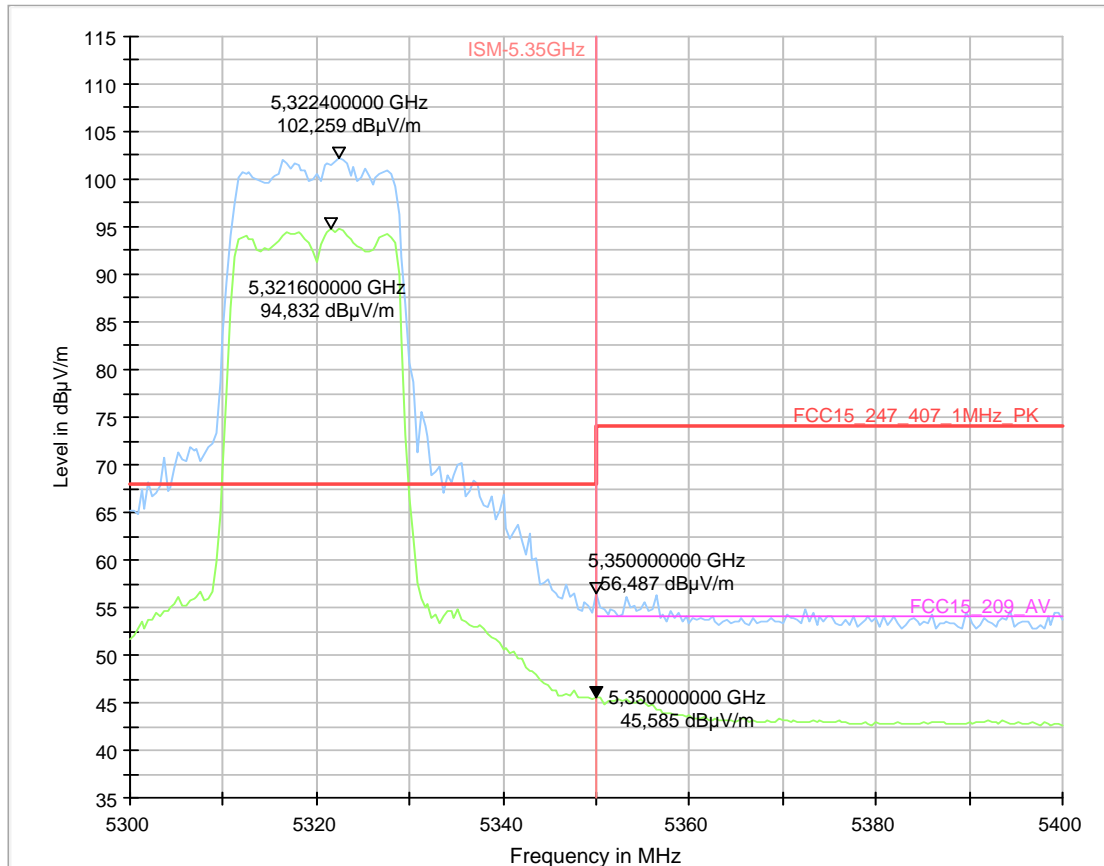Full Spectrum

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: RIs
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
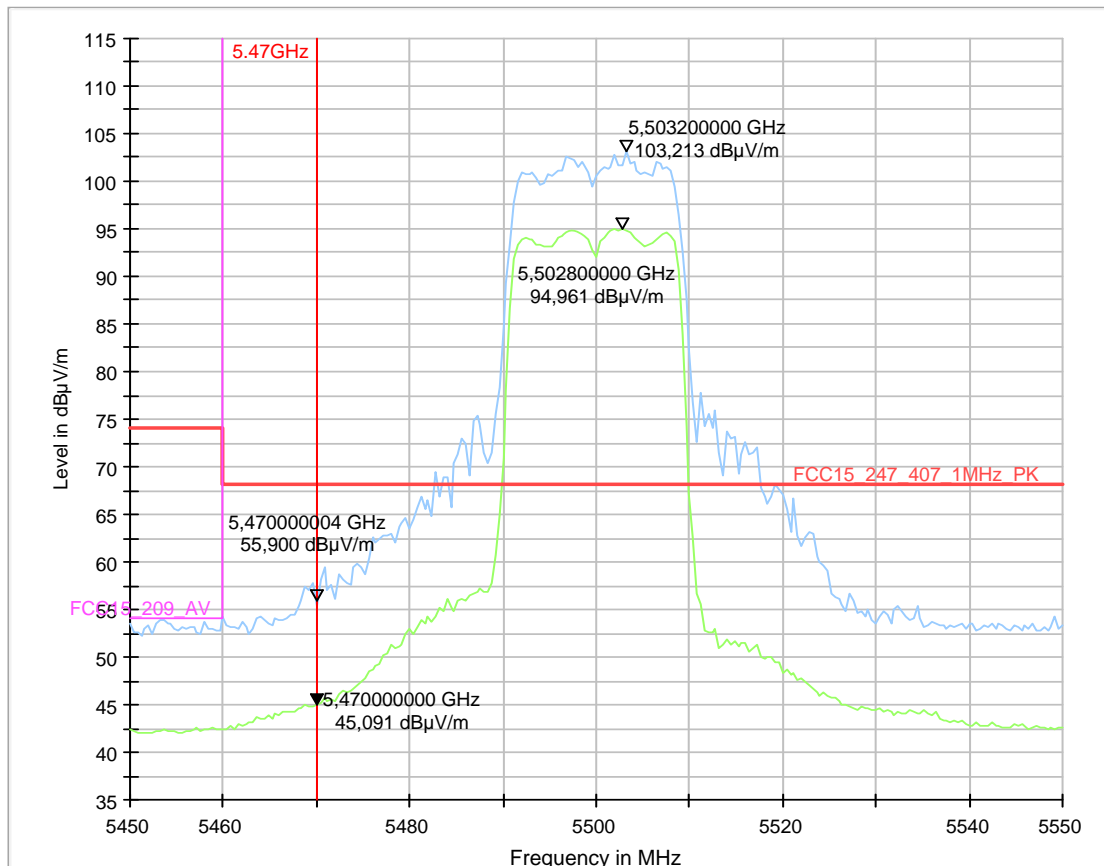Comments: -

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:	RIs
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:	RIs
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

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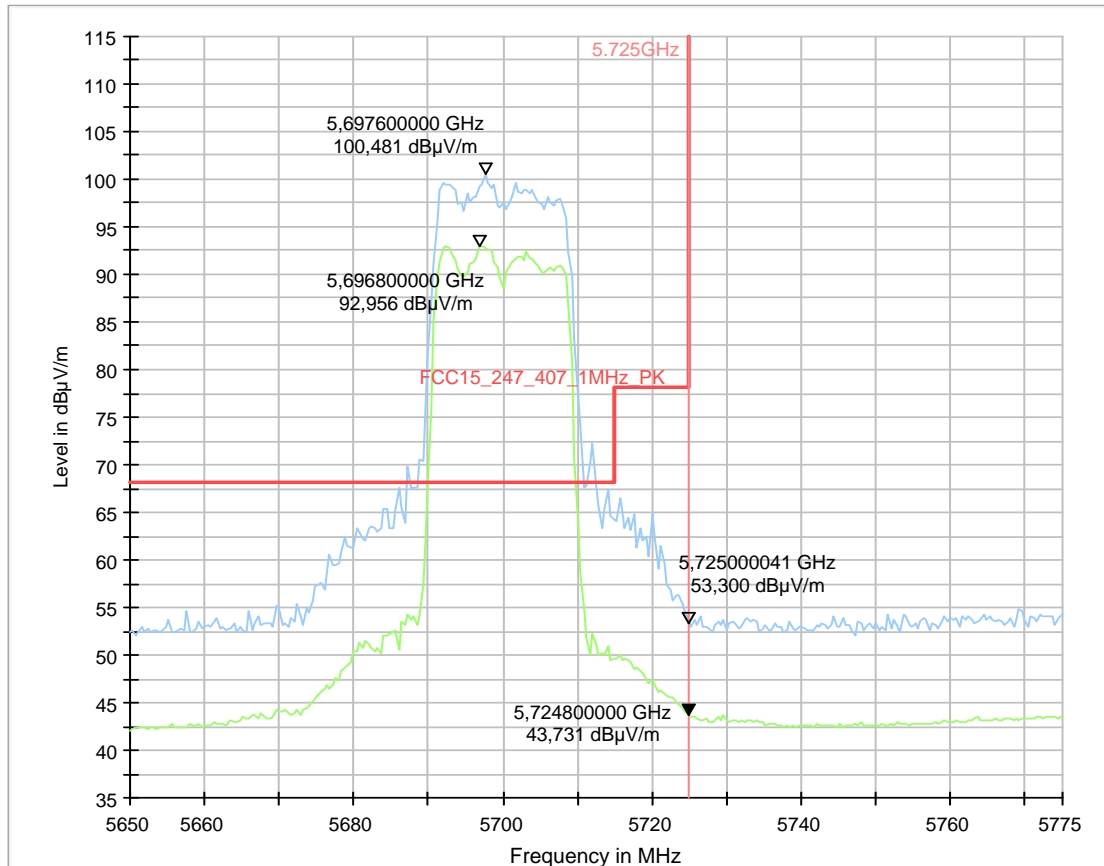# 9.14_BE_11n_ch140_20MHz_MCS0

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: RIs
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

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9.15_BE_11n_ch149_20MHz_MCS0
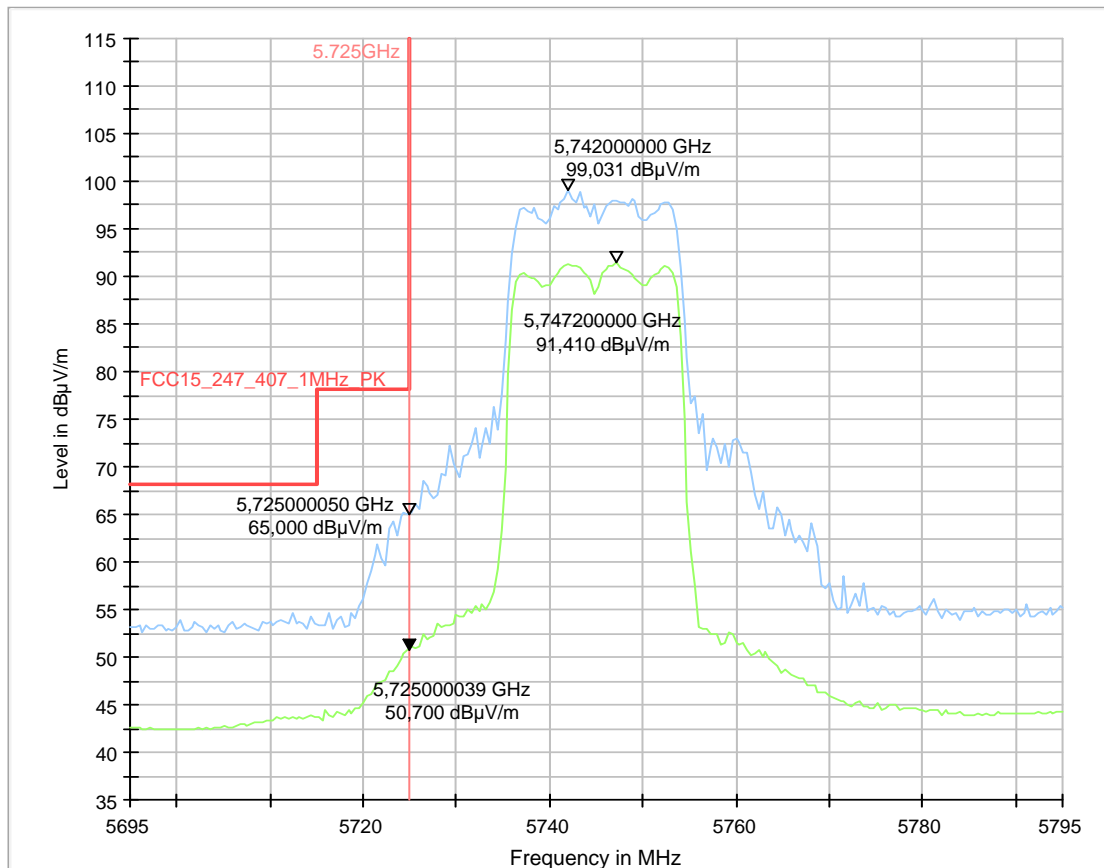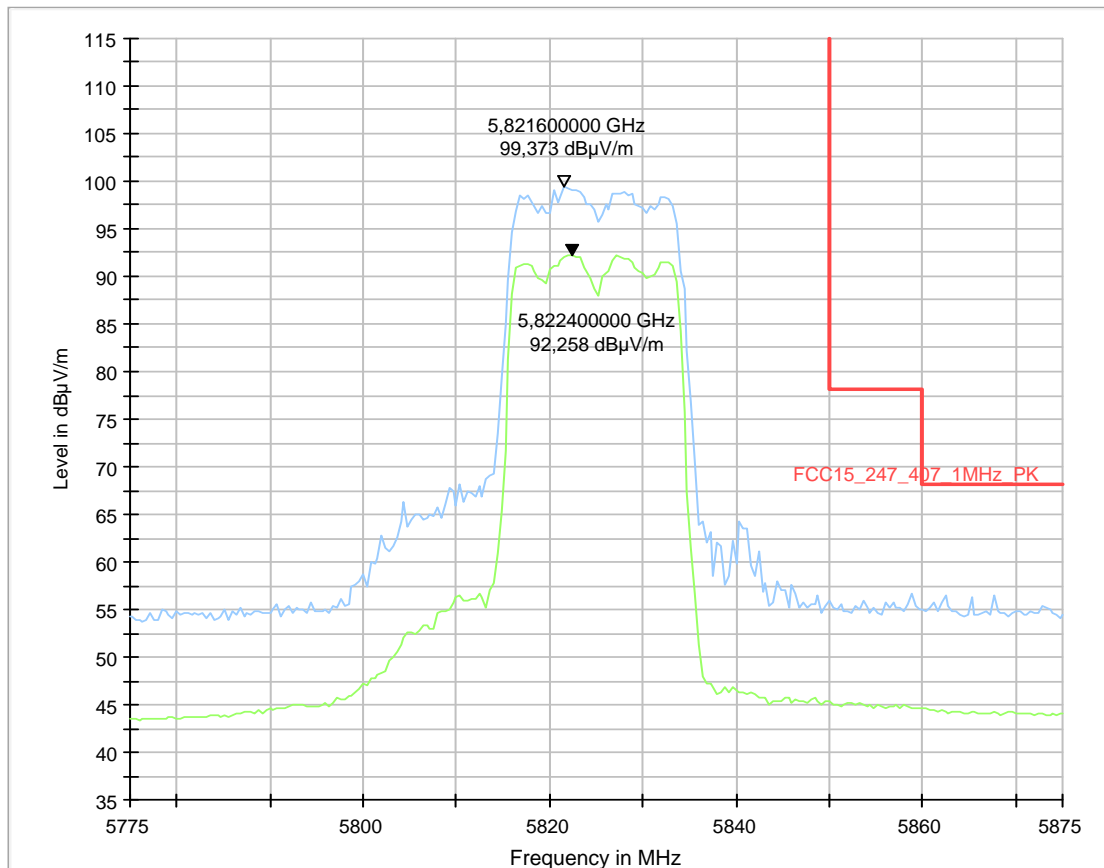
Common Information

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: RIs
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

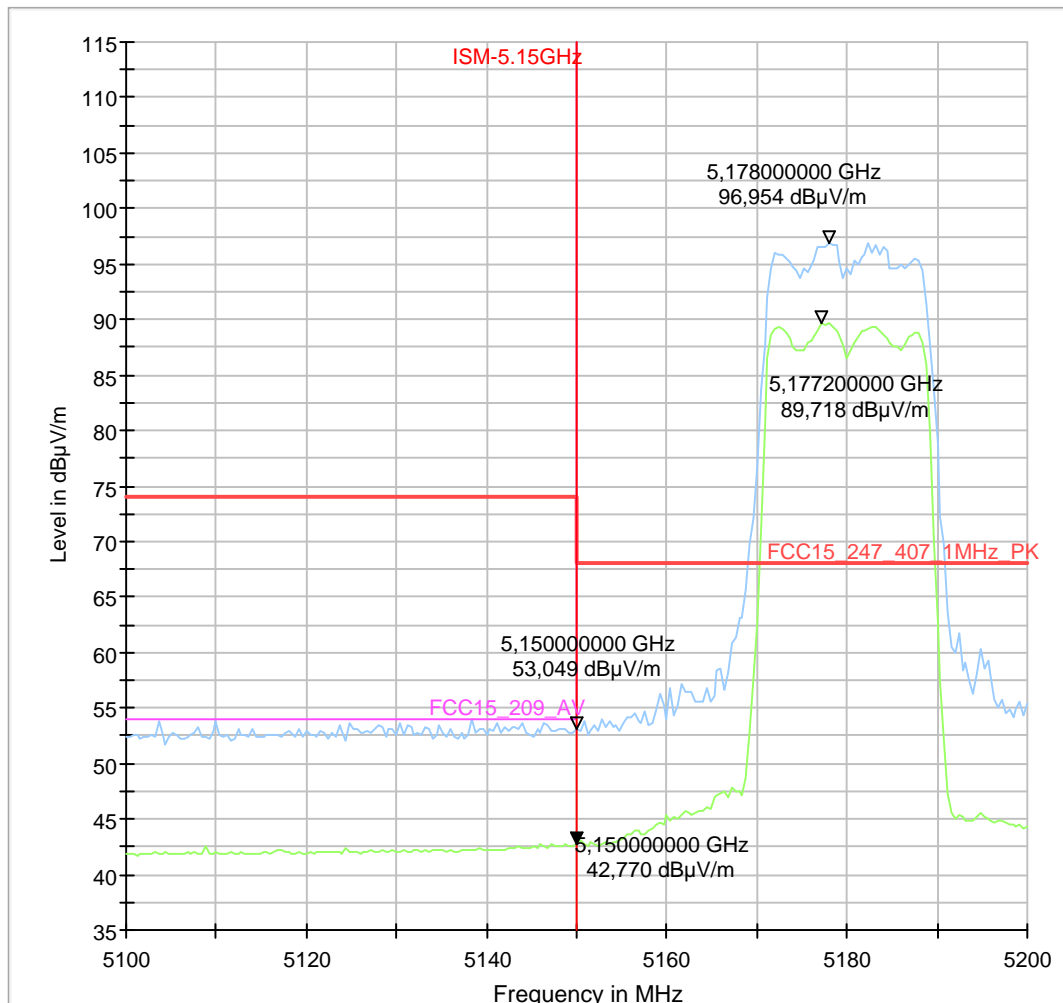# 9.16_BE_11n_ch165_20MHz_MCS0

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: RIs
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
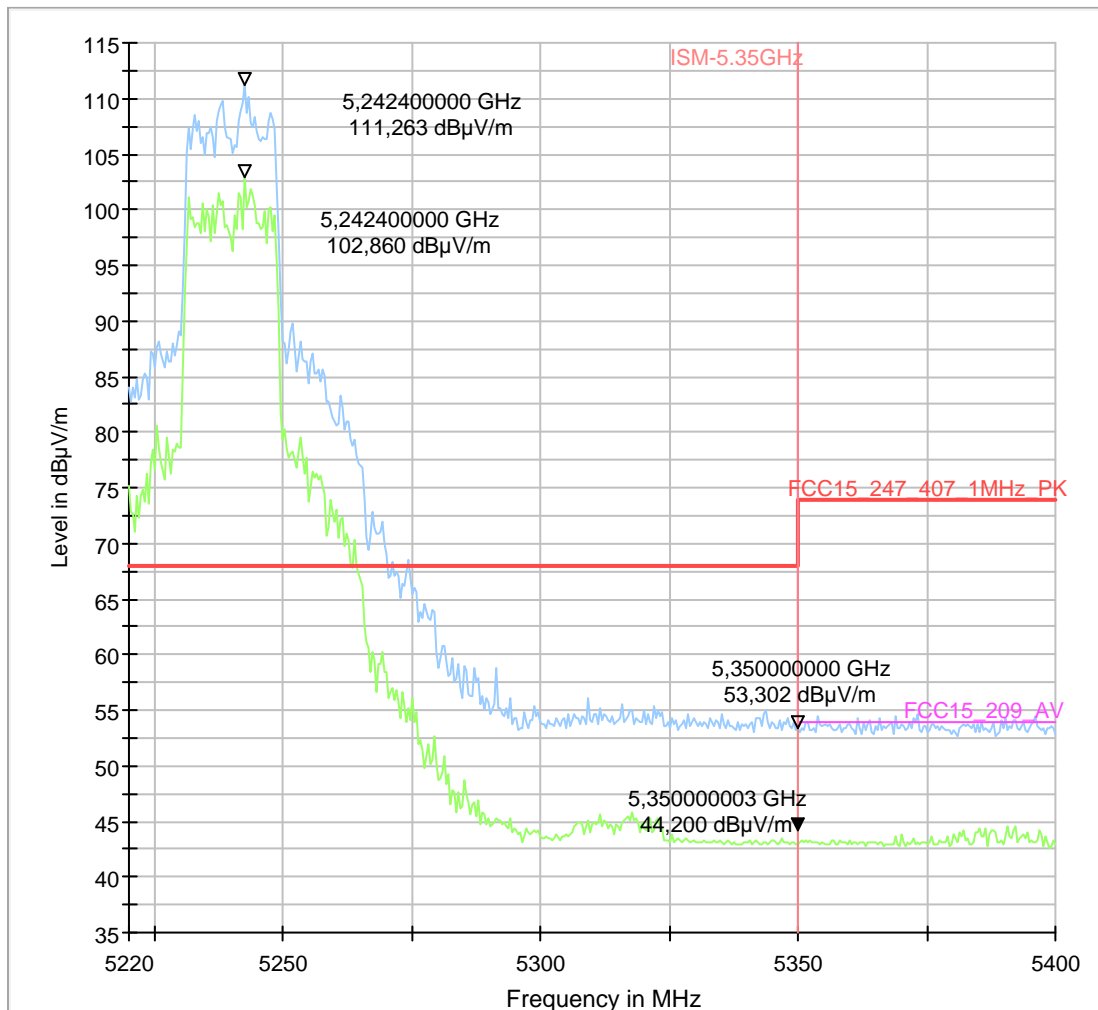Comments: -

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:	KIv

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

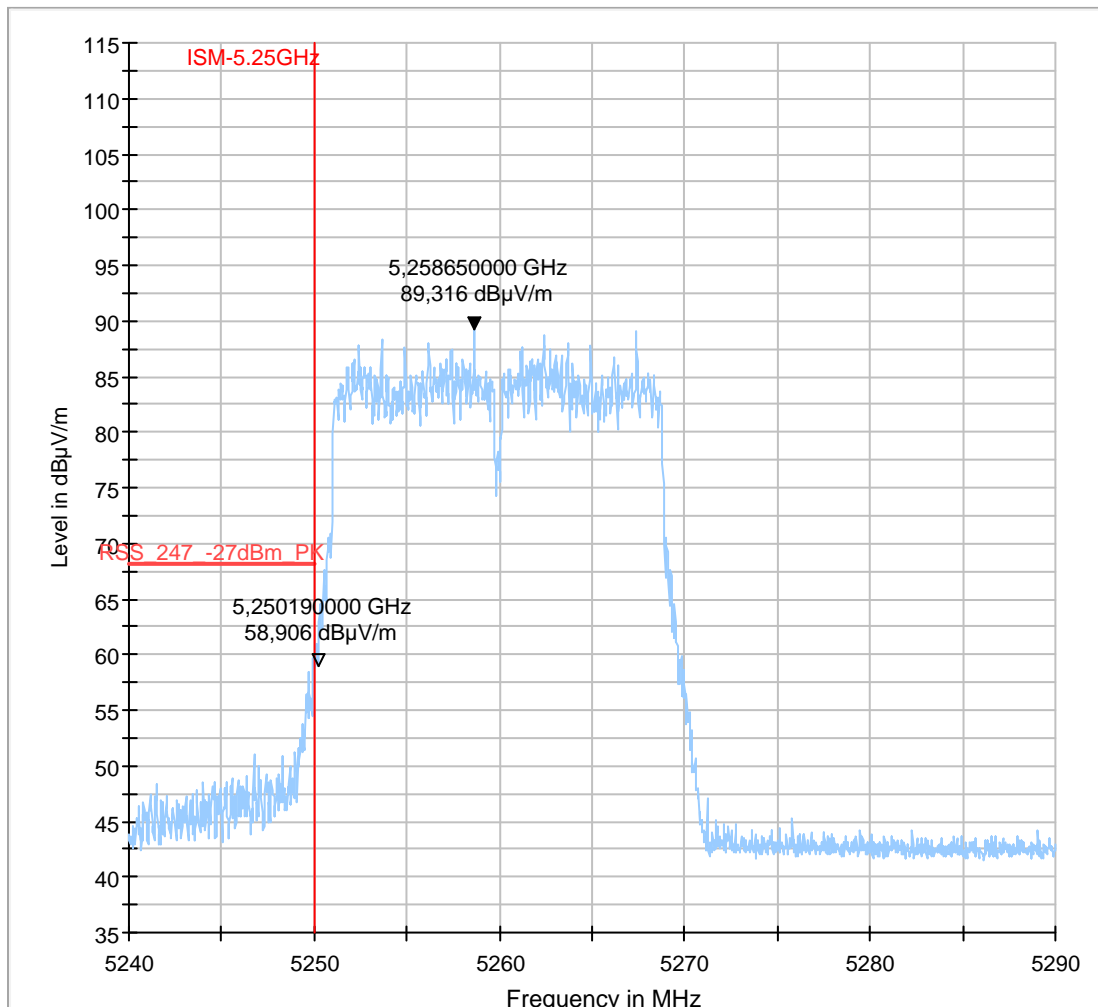# Diagram No.: 9.18_BE_11ac_ch48_20MHz_MCS0

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:	KIv

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

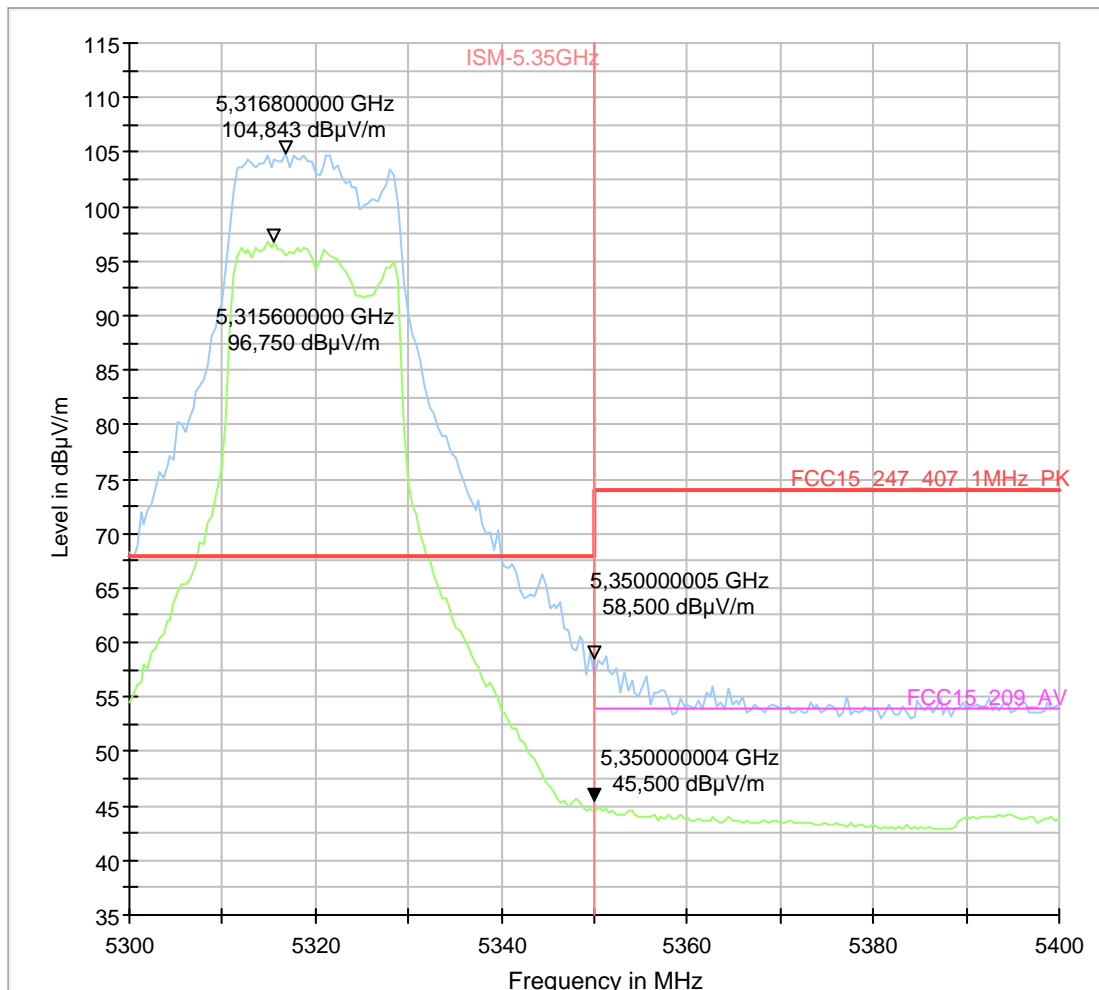# Diagram No.: 9.19b_BE_11ac_ch52_20MHz_MCS2

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:	KIv

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

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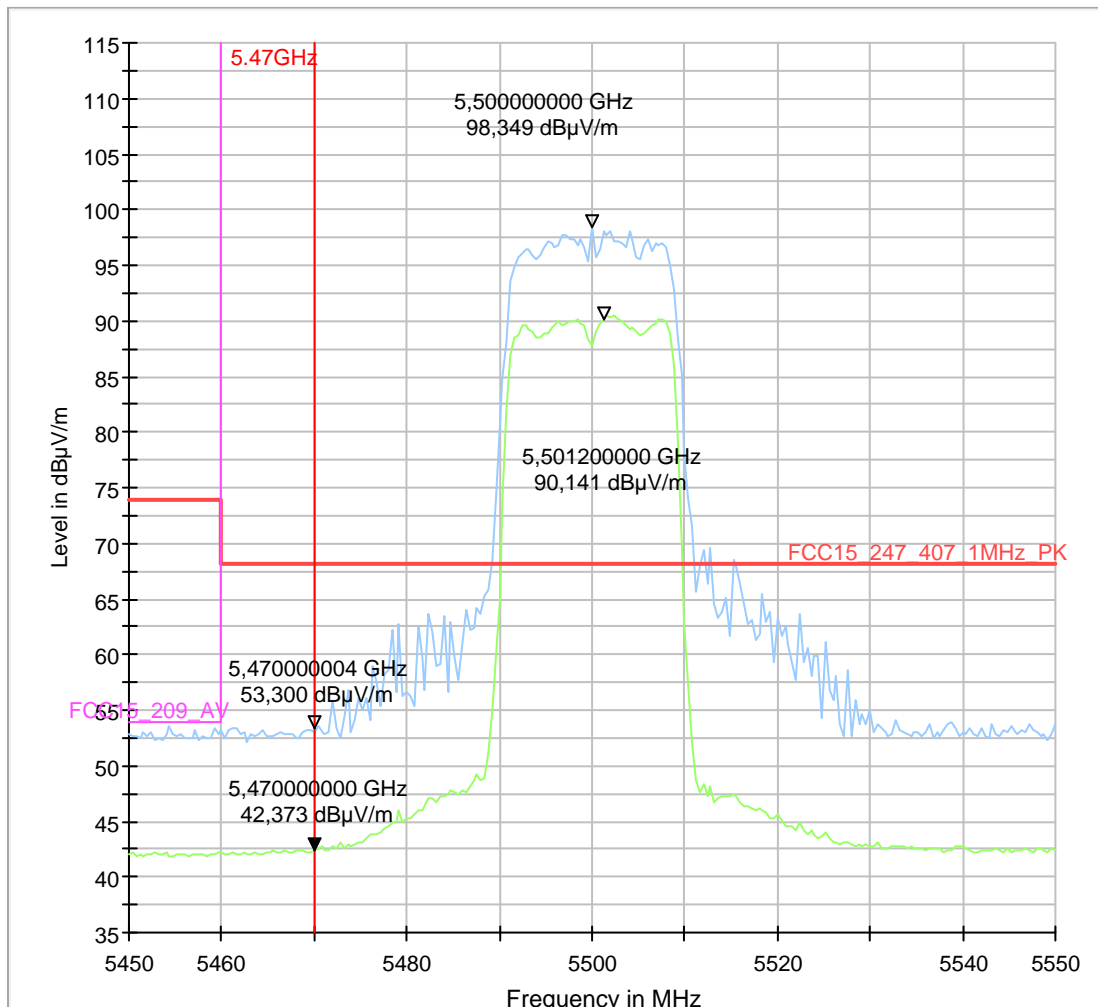# Diagram No.: 9.20_BE_11ac_ch64_20MHz_MCS0

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:	KIv

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

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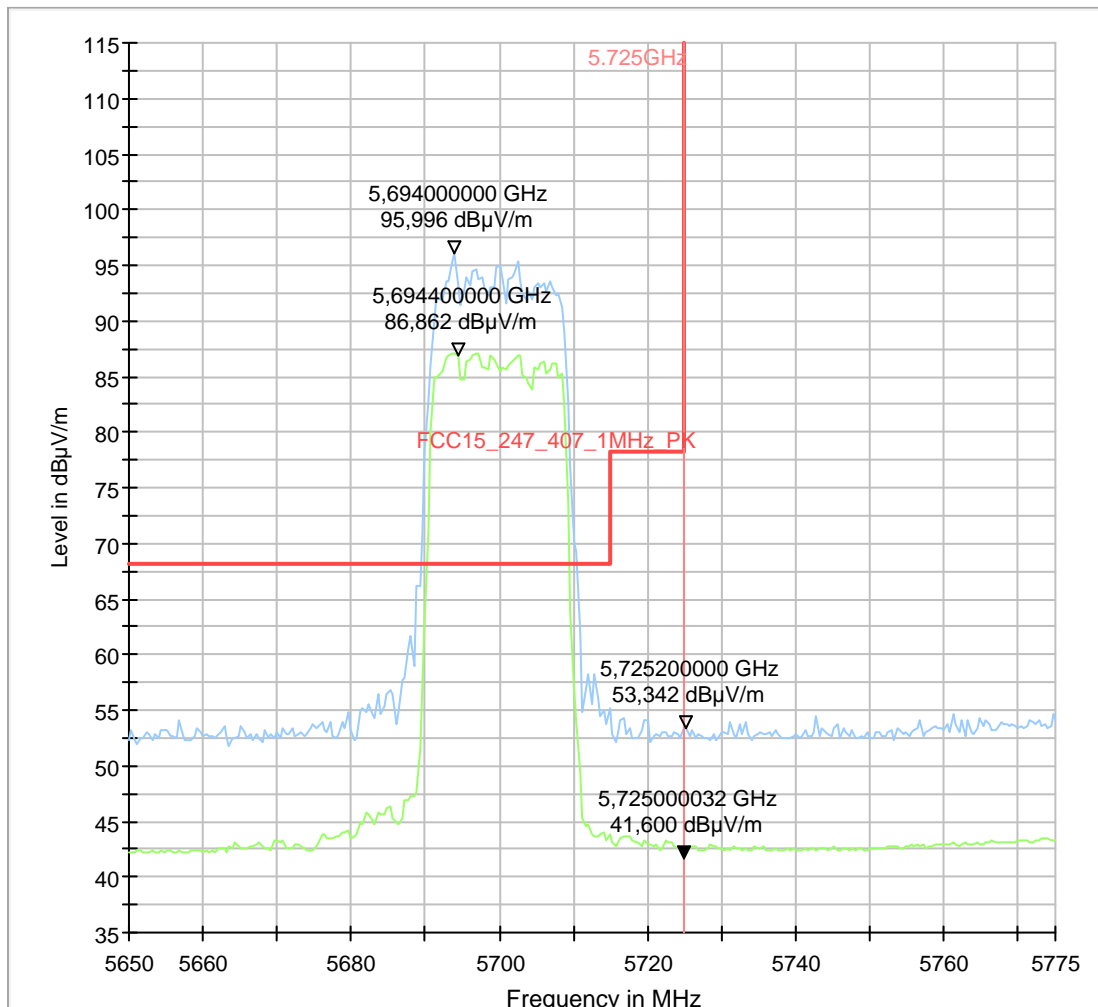# Diagram No.: 9.21_BE_11ac_ch100_20MHz_MCS0

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:	KIv

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

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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:	KIv

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

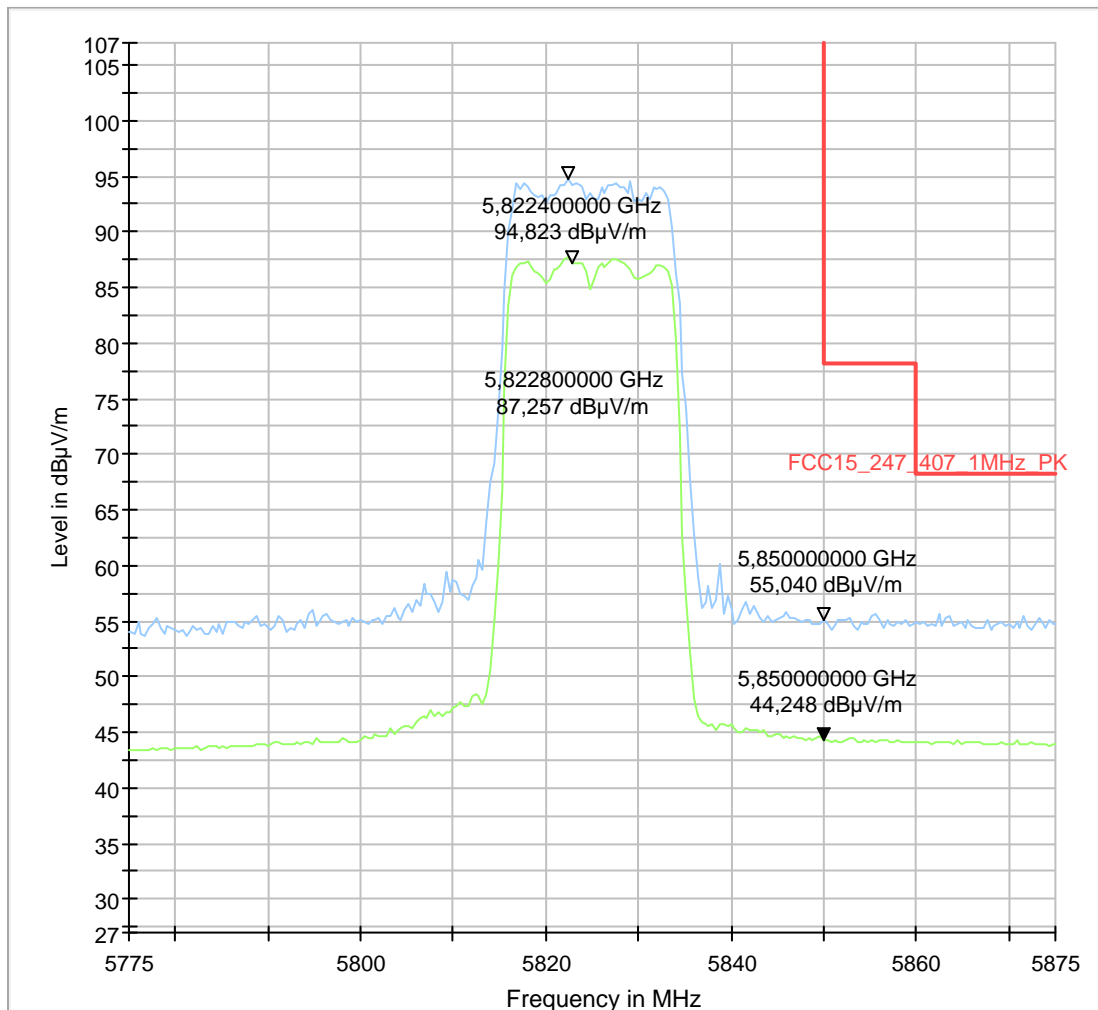# Diagram No.: 9.23_BE_11ac_ch149_20MHz_MCS0

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:	KIv

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:	-

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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:	KIv

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

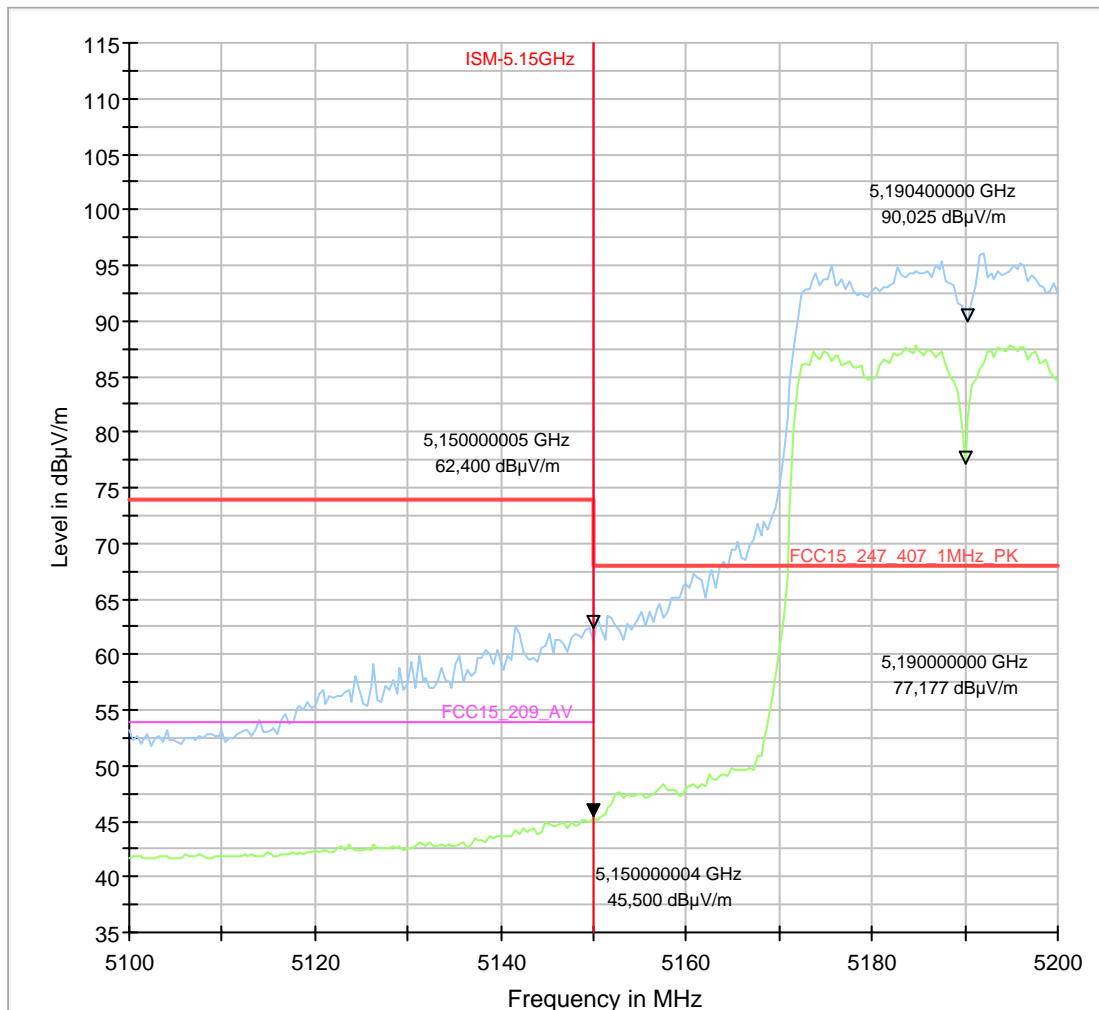## 3.2. Radiated Band Edge for 40MHz Bandwidth n, ac Mode
9.25_BE_11n_ch38_40MHz_MCS0

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:	RIs
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

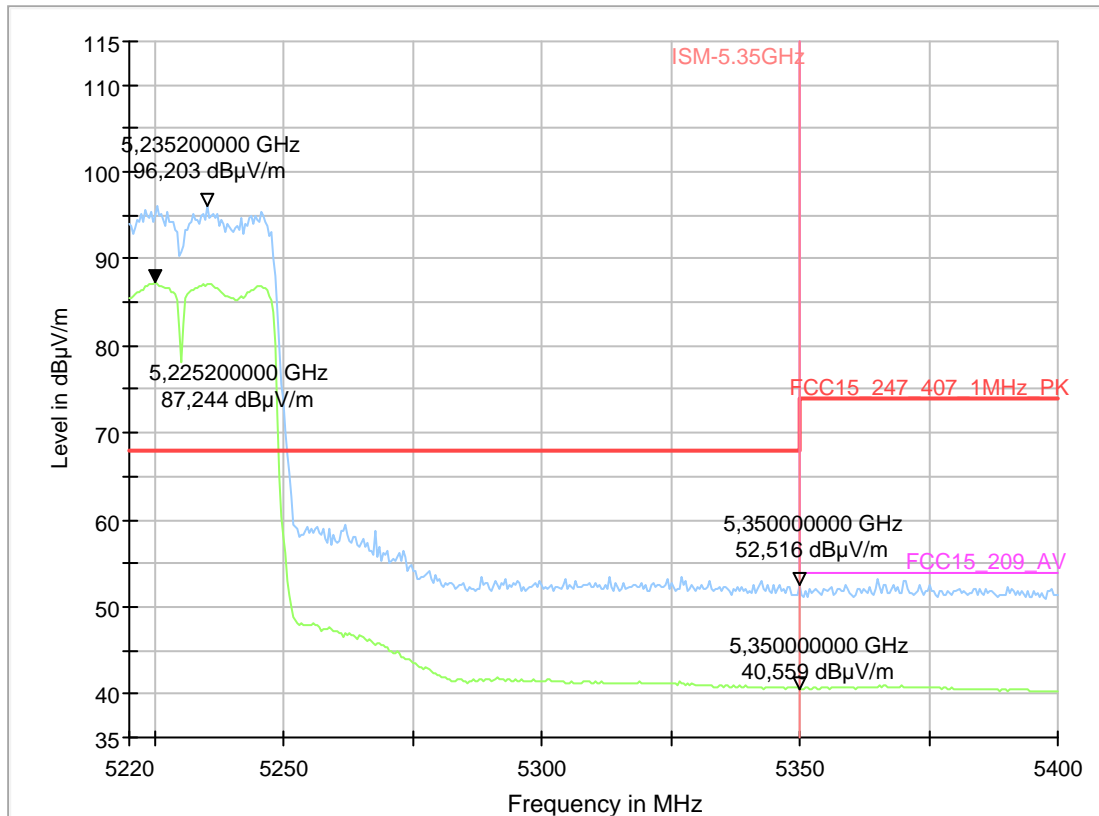# 9.26_BE_11n_ch46_40MHz_MCS0

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:	RIs
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

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9.27b_BE_11n_ch54_40MHz_MCS0

Common Information
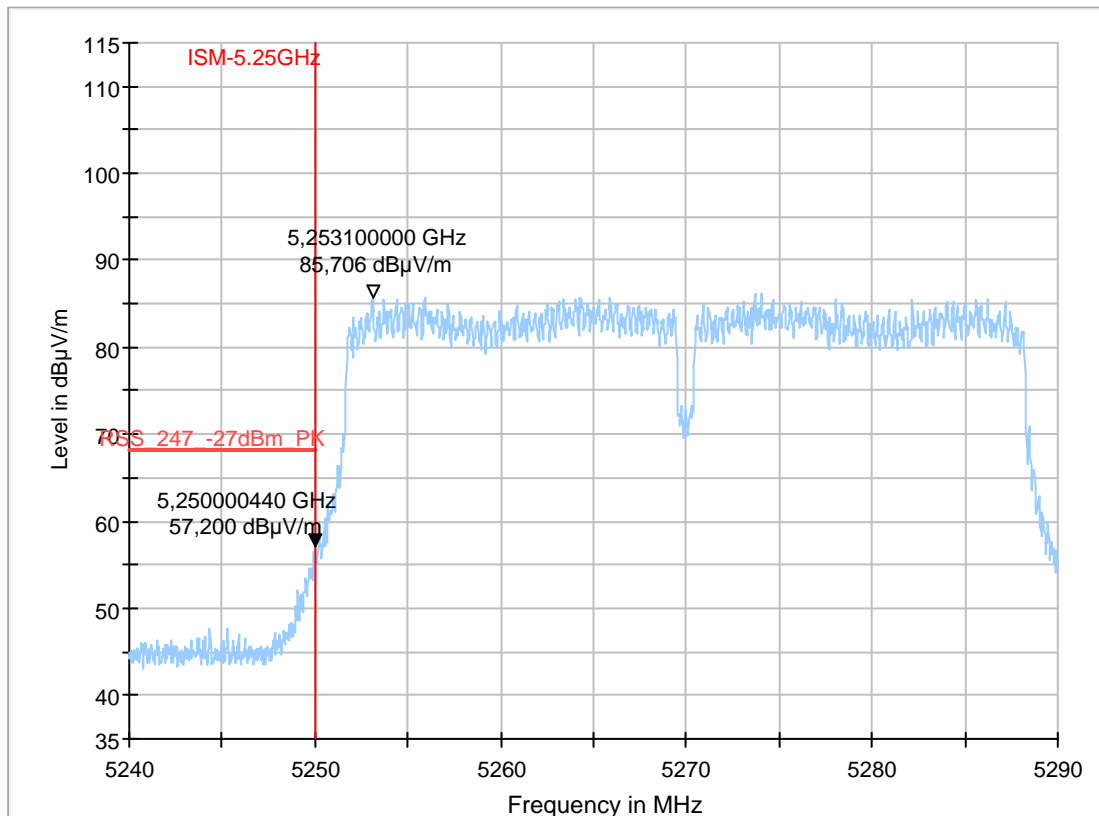|	
Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	EMC32 V 9.25.00
Operation mode:	11n 40MHz	MCS0	54 Burst
Operator Name:	RIs
Comment:	

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

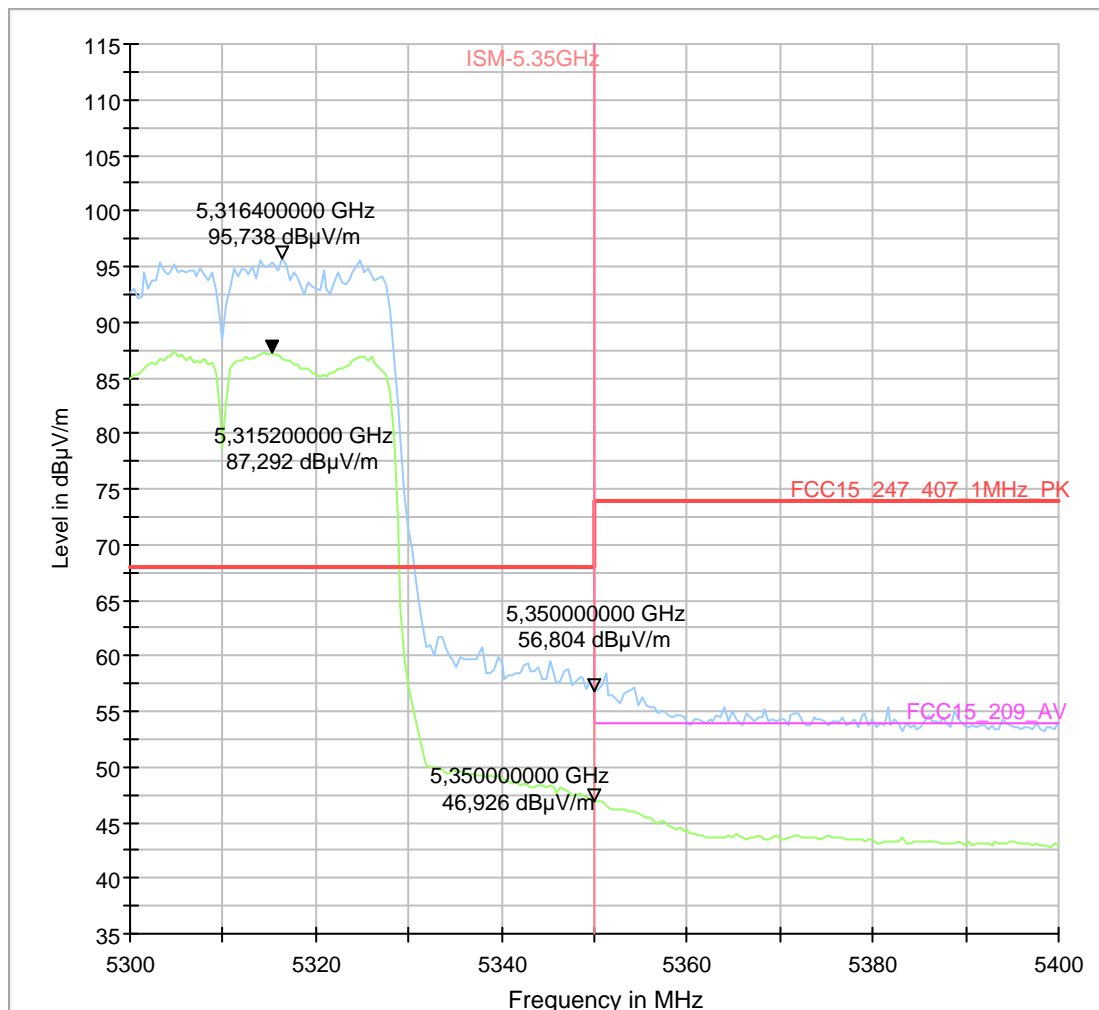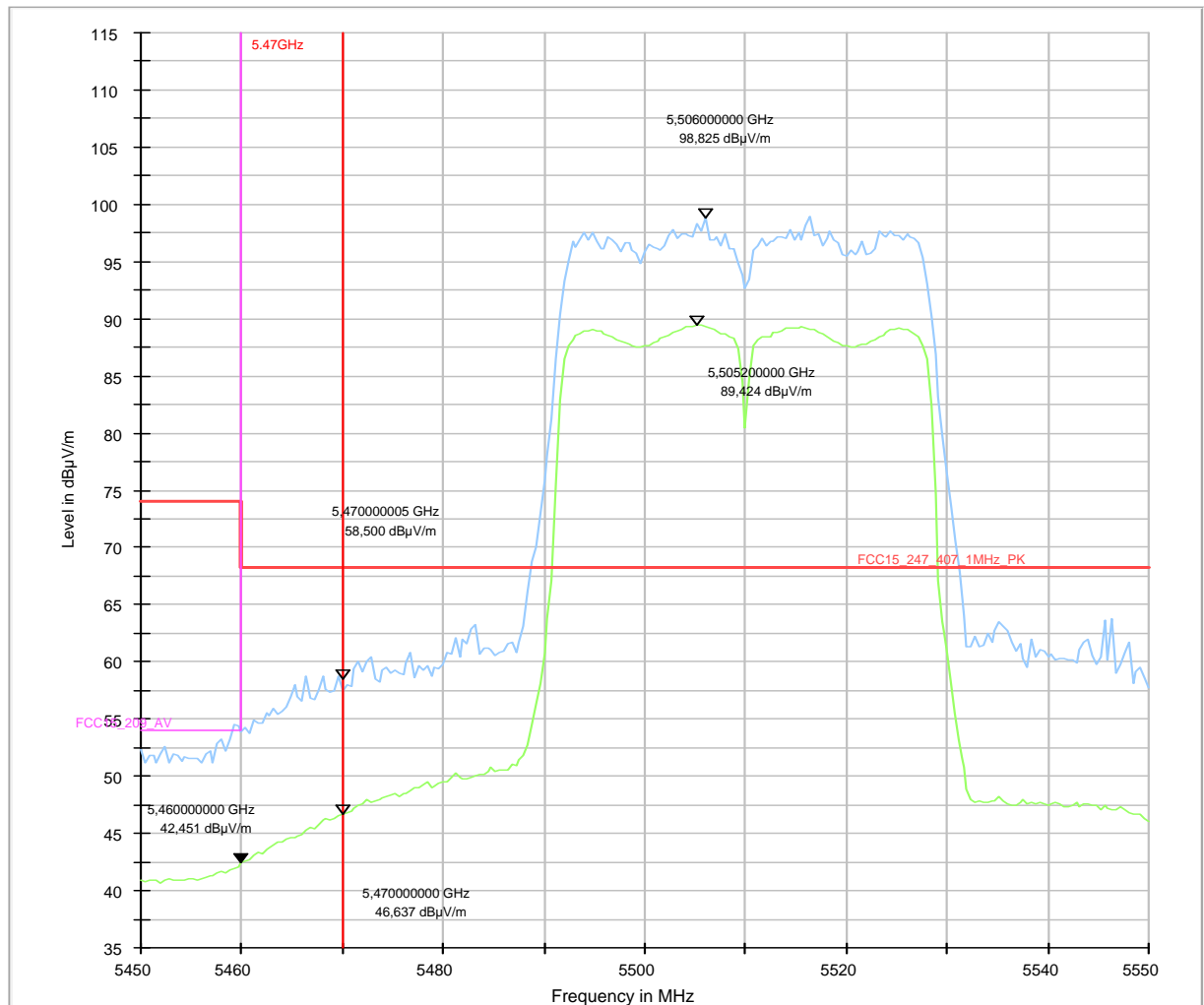# 9.28_BE_11n_ch62_40MHz_MCS0

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: RIs
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
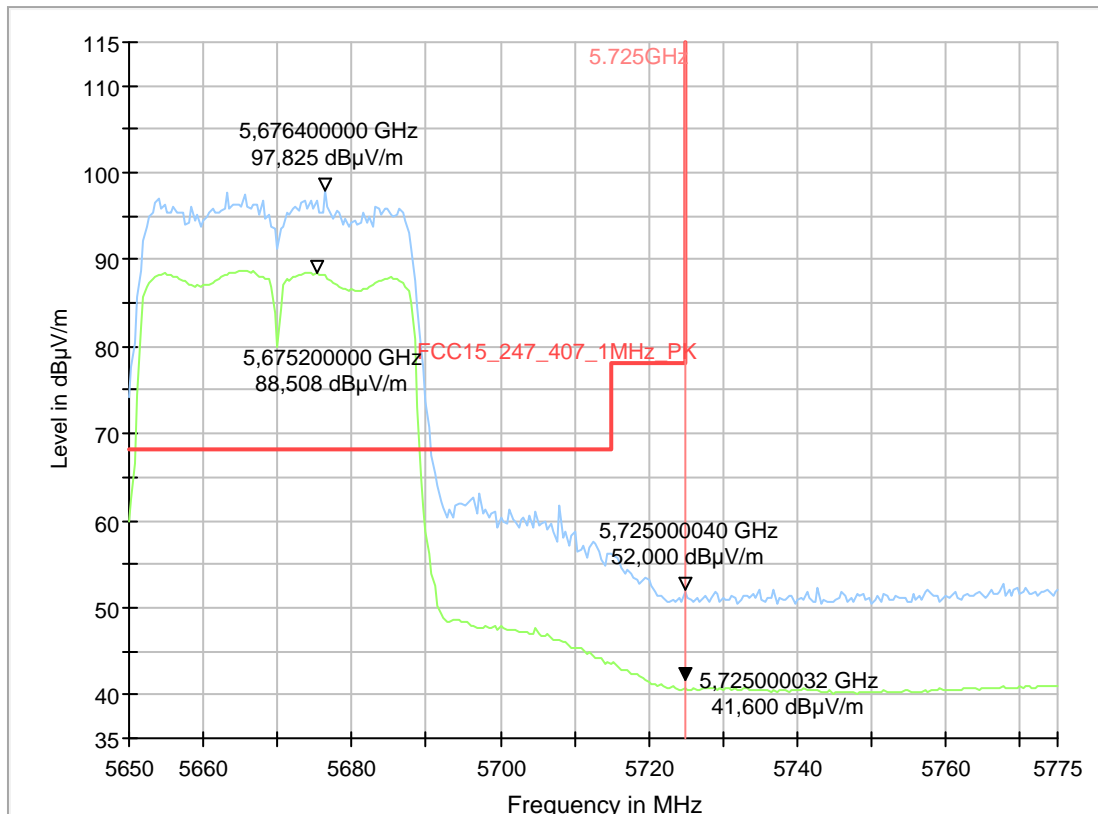Comments: -

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

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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:	KIv

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

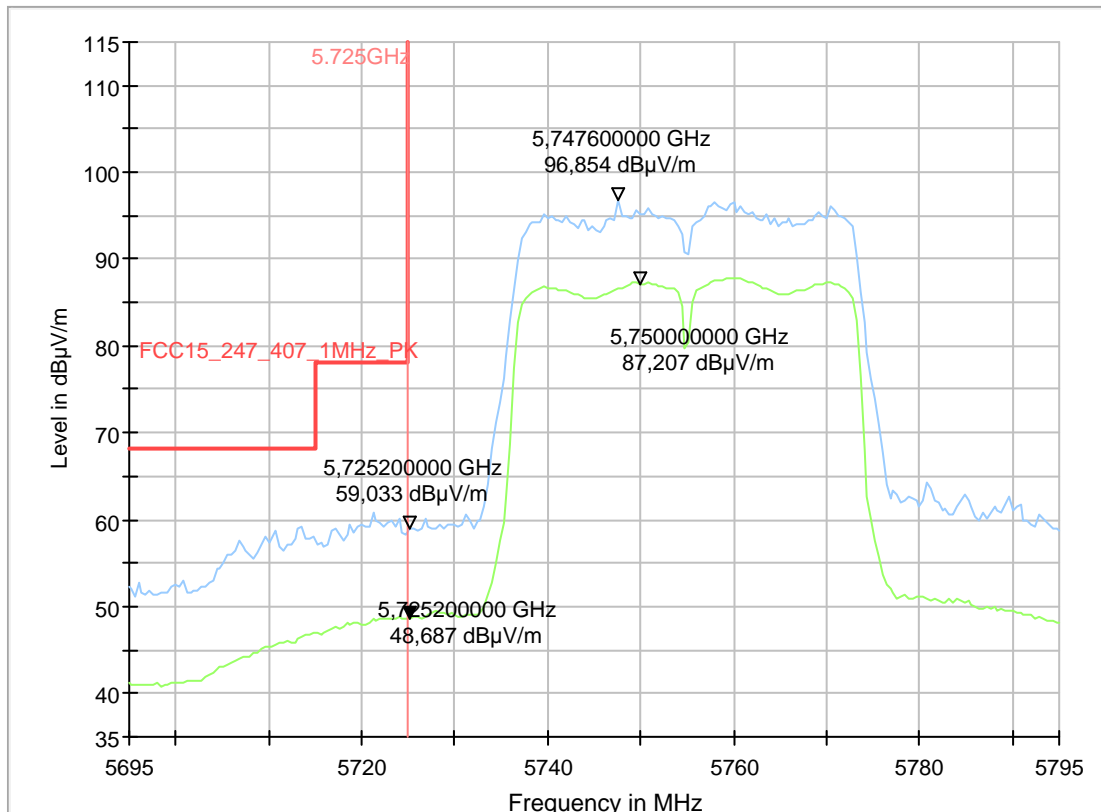# Diagram No.: 9.31_BE_11n_ch151_40MHz_MCS0

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:	KIv

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

CETECOM™

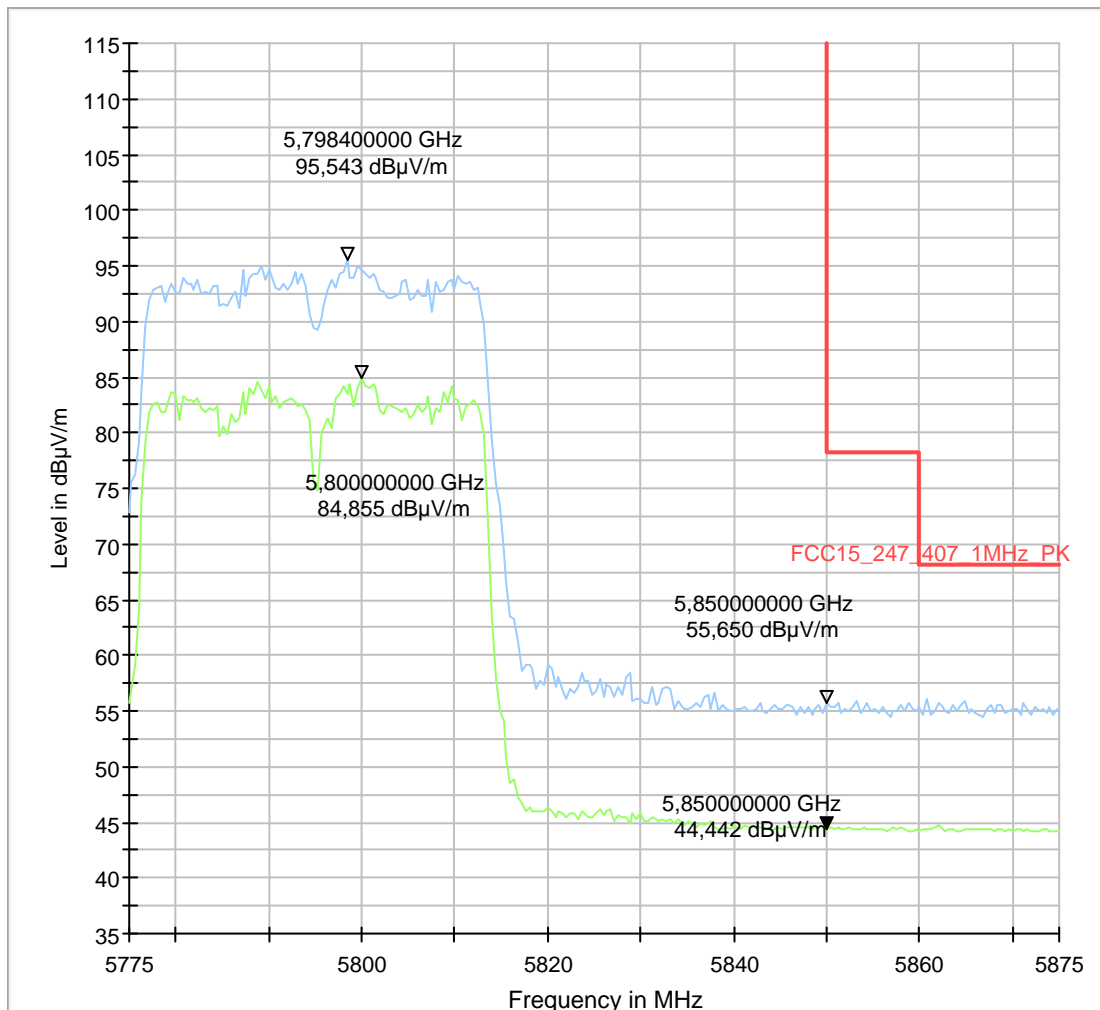# Diagram No.: 9.32_BE_11n_ch159_40MHz_MCS0

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:	KIv

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
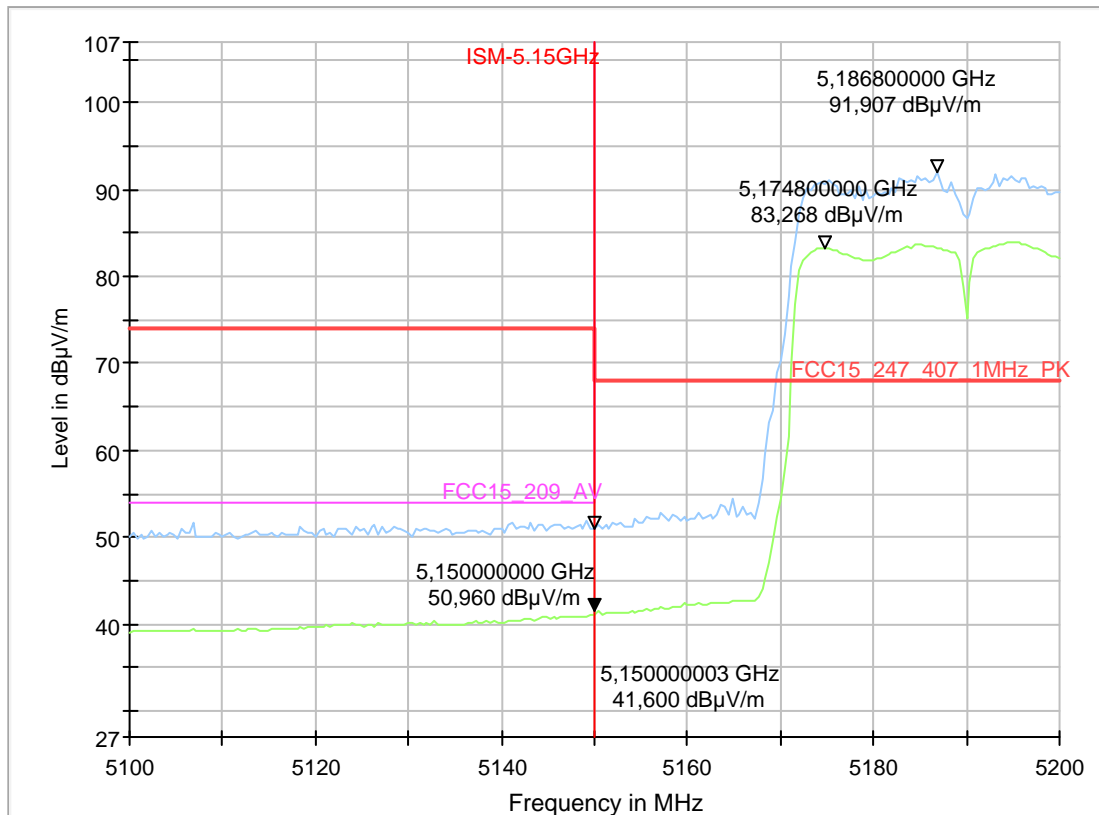
Common Information

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:	KIv

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
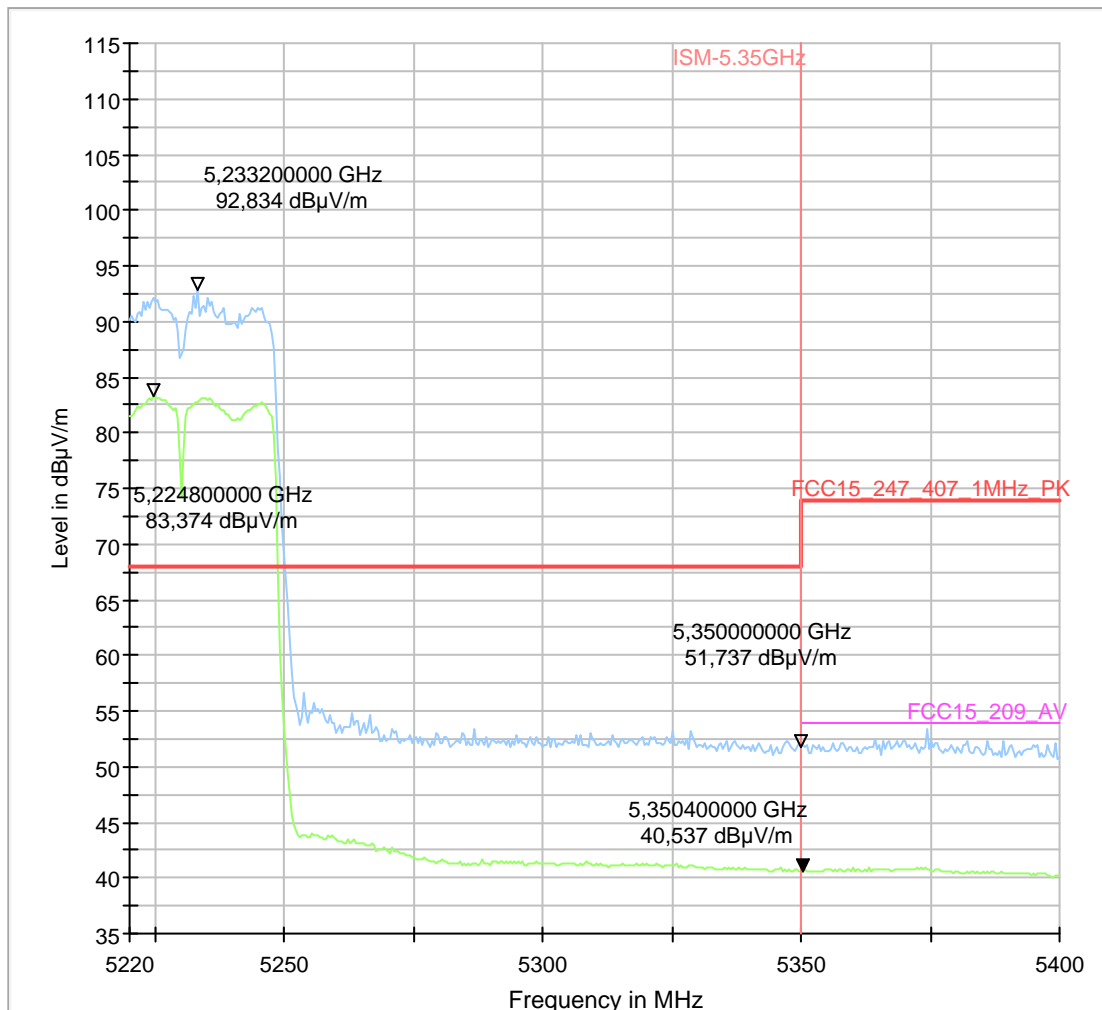
Common Information

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:	KIv

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
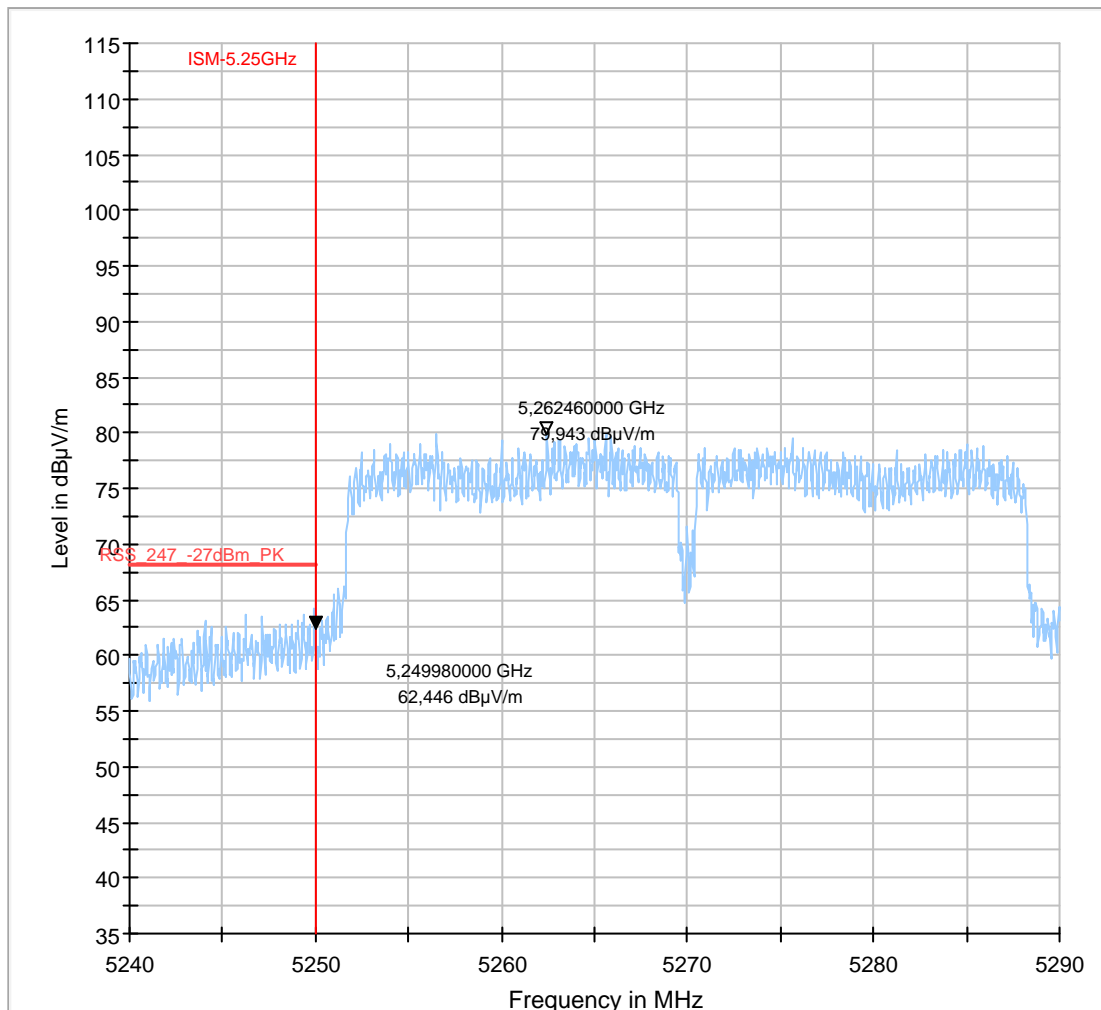
Common Information

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:	KIv

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

CETECOM™

Diagram No.: 9.36_BE_11ac_ch62_40MHz_VHT_SS1_MCS6

Common Information

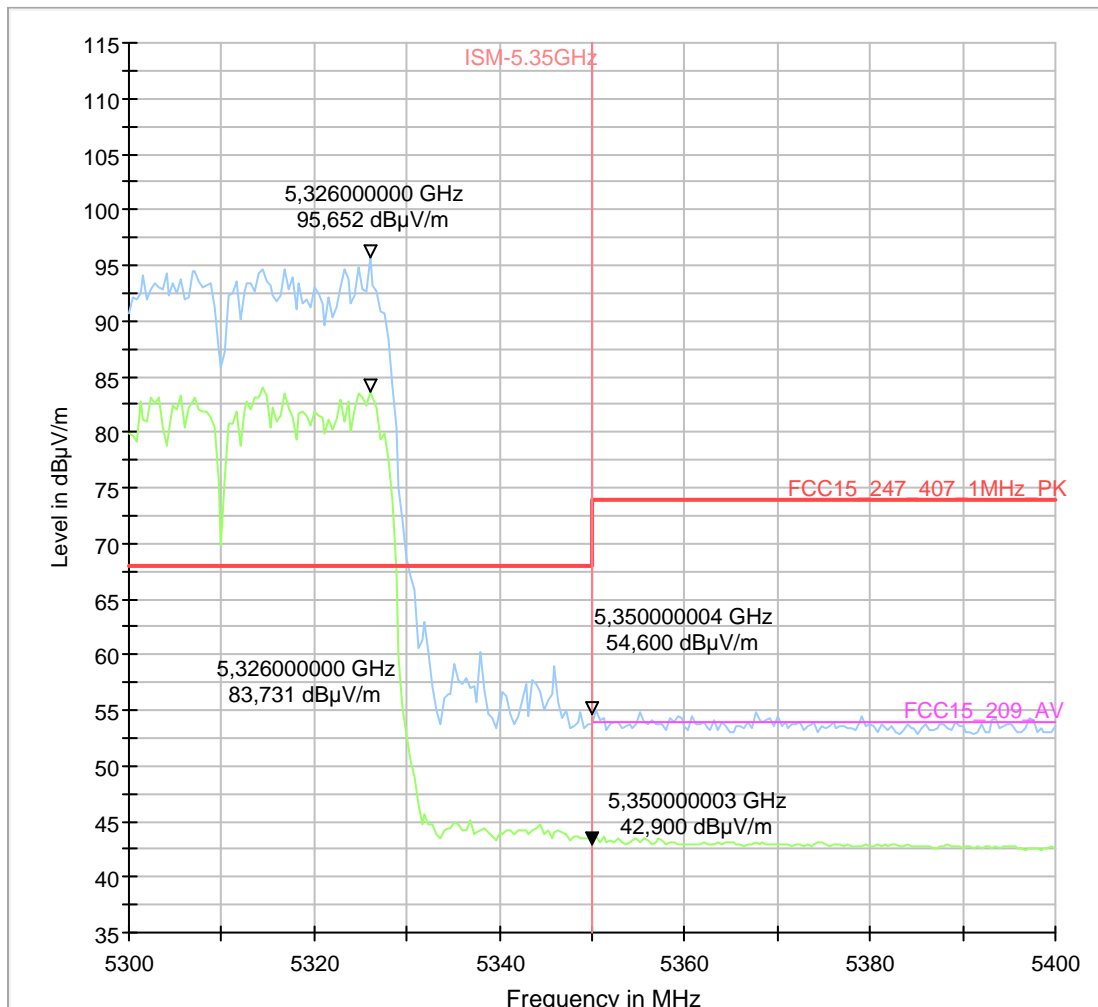|	
Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	#Ver
Operation mode:	11ac 40MHz	VHT_SS1_MCS6	62 Burst
Operator Name:	KIv

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
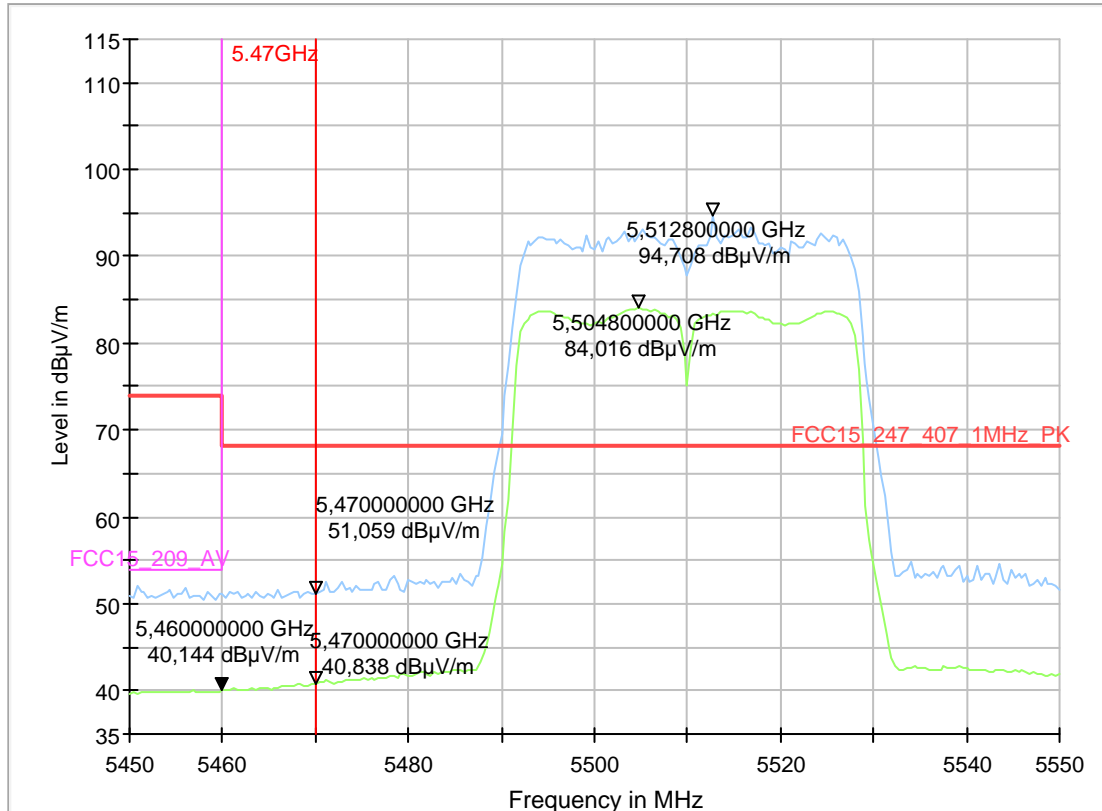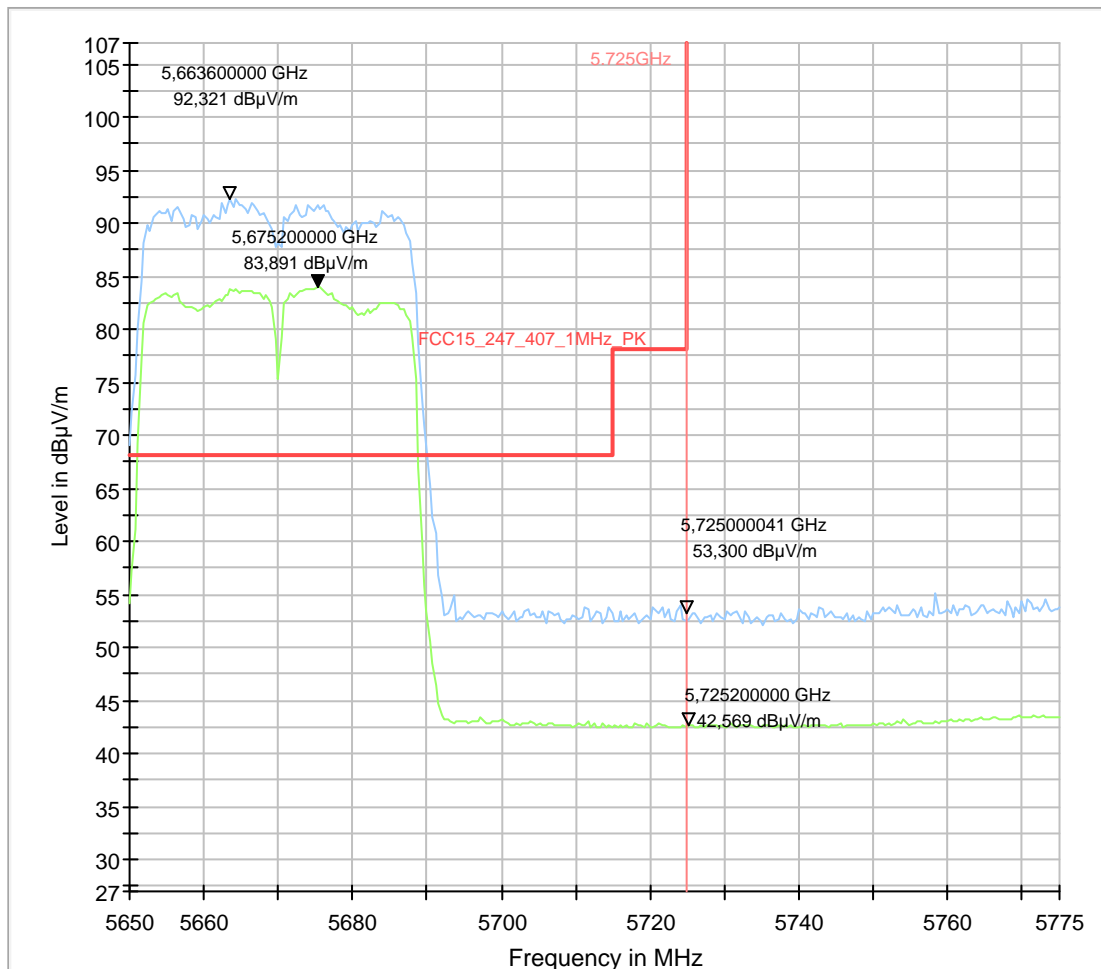
Common Information

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: KIv

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

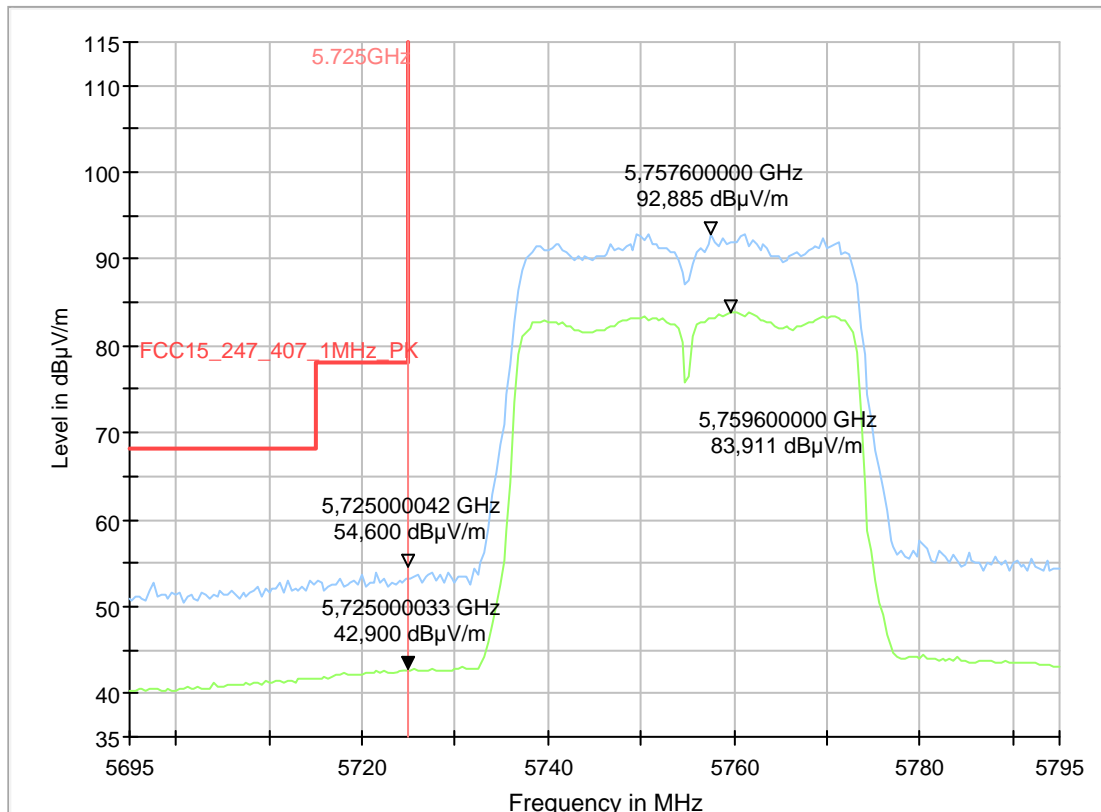**CETECOM**™

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:	KIv

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

CETECOM™

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:	KIv

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
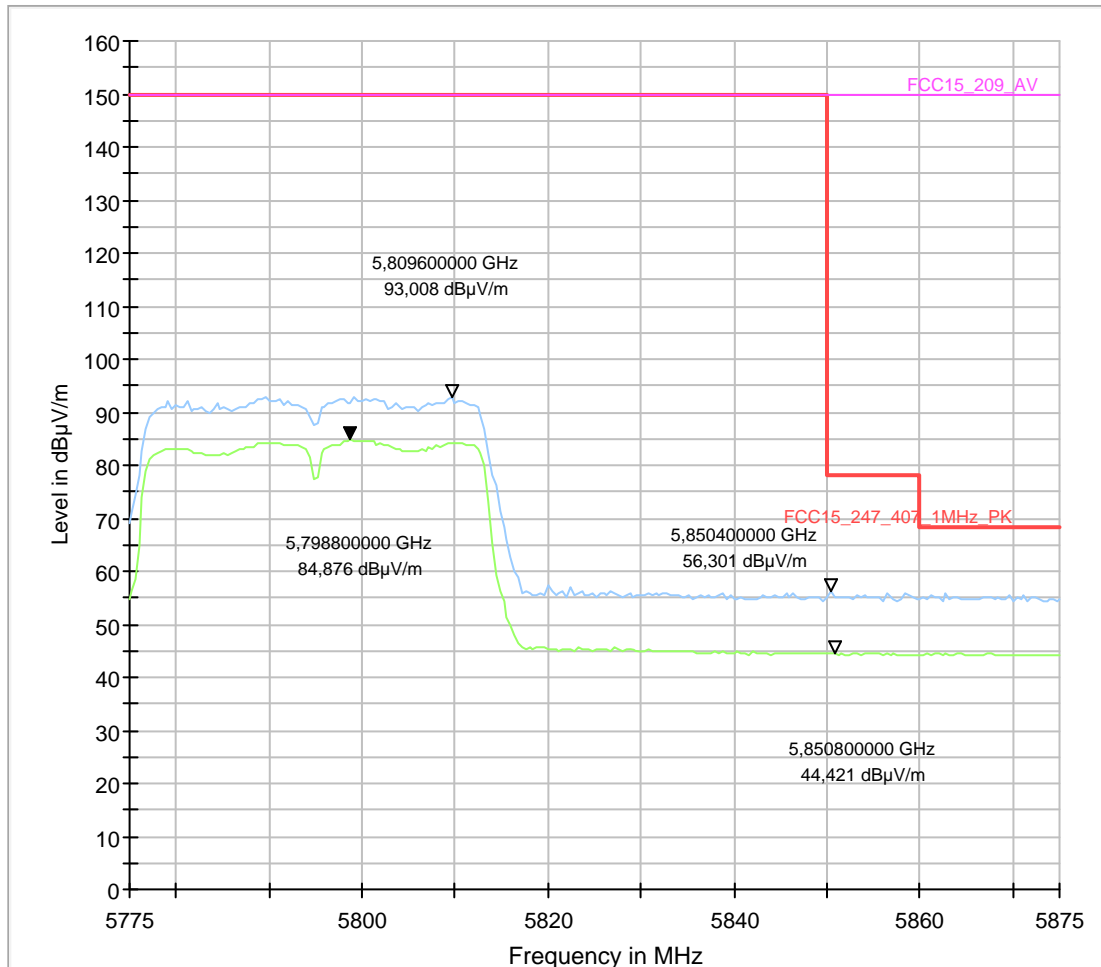
Common Information

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:	KIv

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
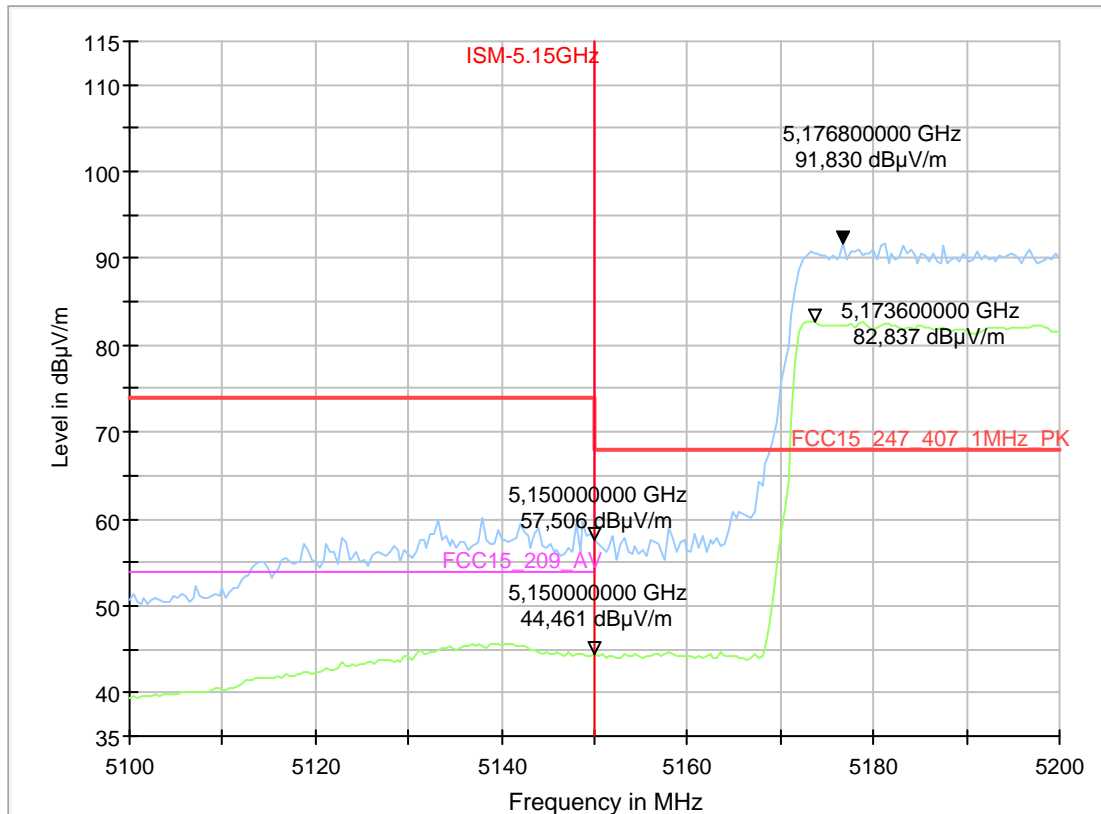
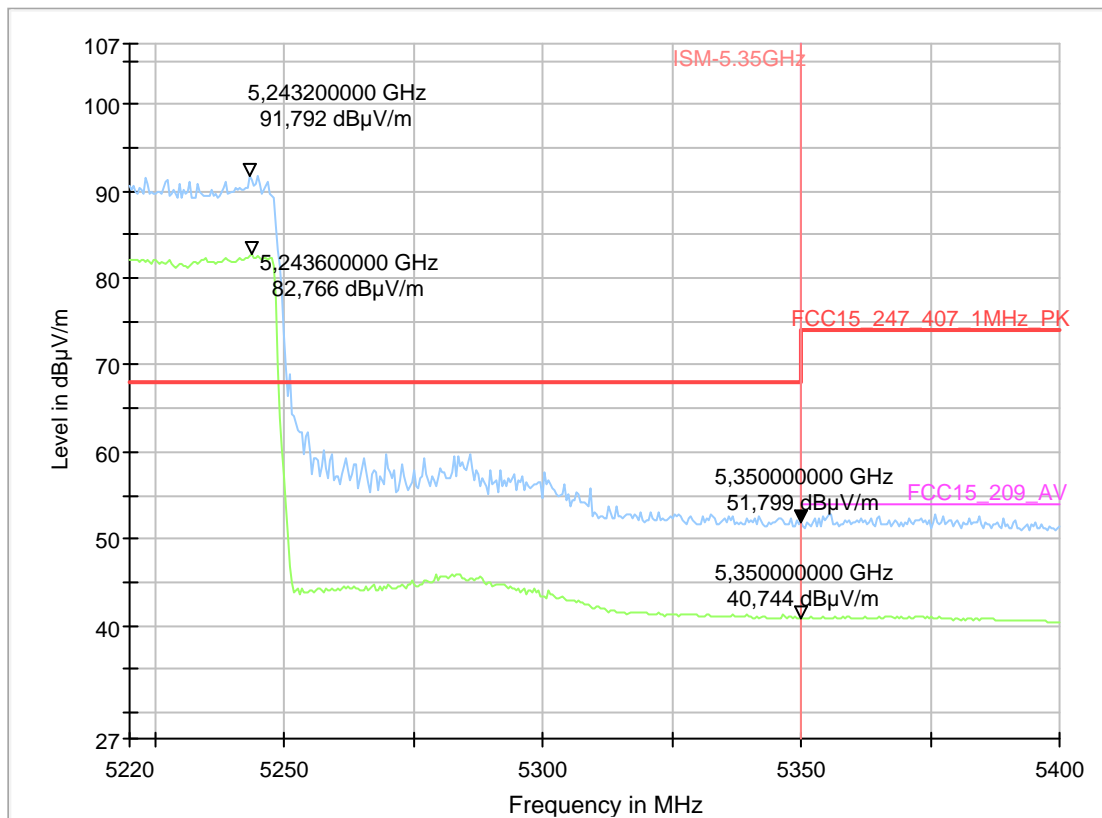# 9.41b_BE_11ac_ch42_80MHz_VHT_SS1_MCS0

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
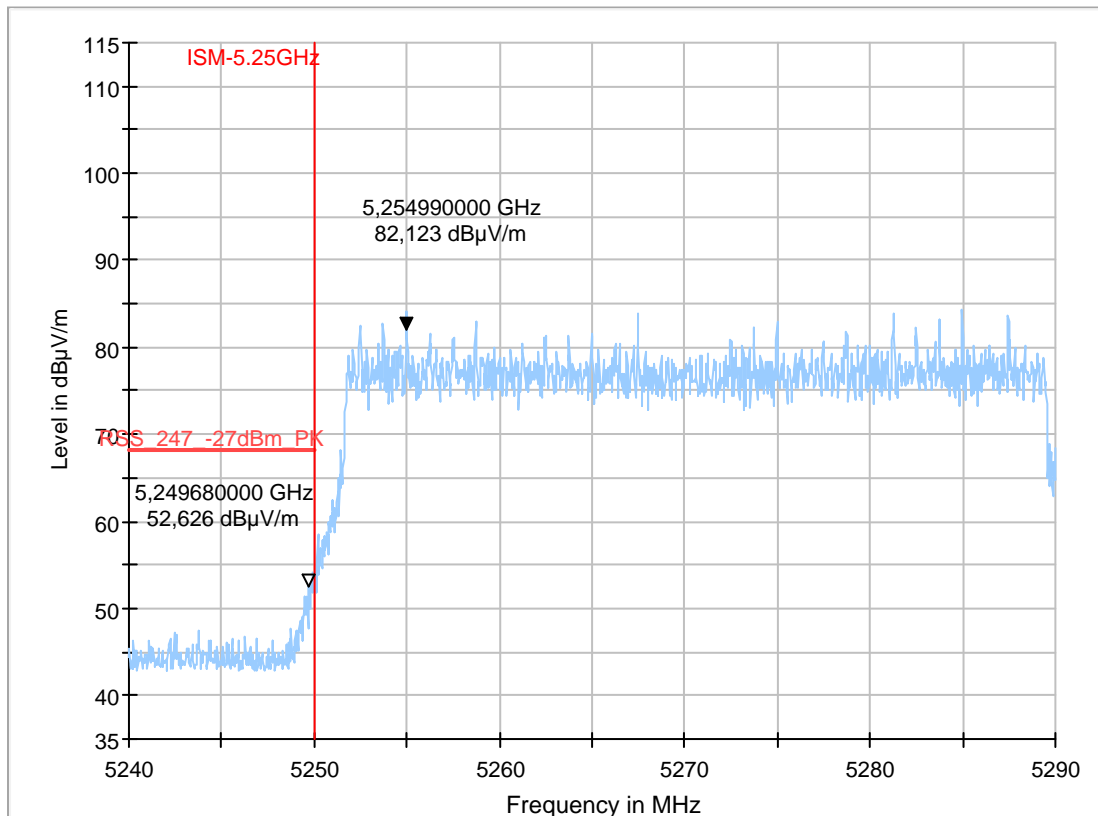
Diagram No.: 9.42b_BE_11ac_ch58_80MHz_VHT_SS1_MCS0

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
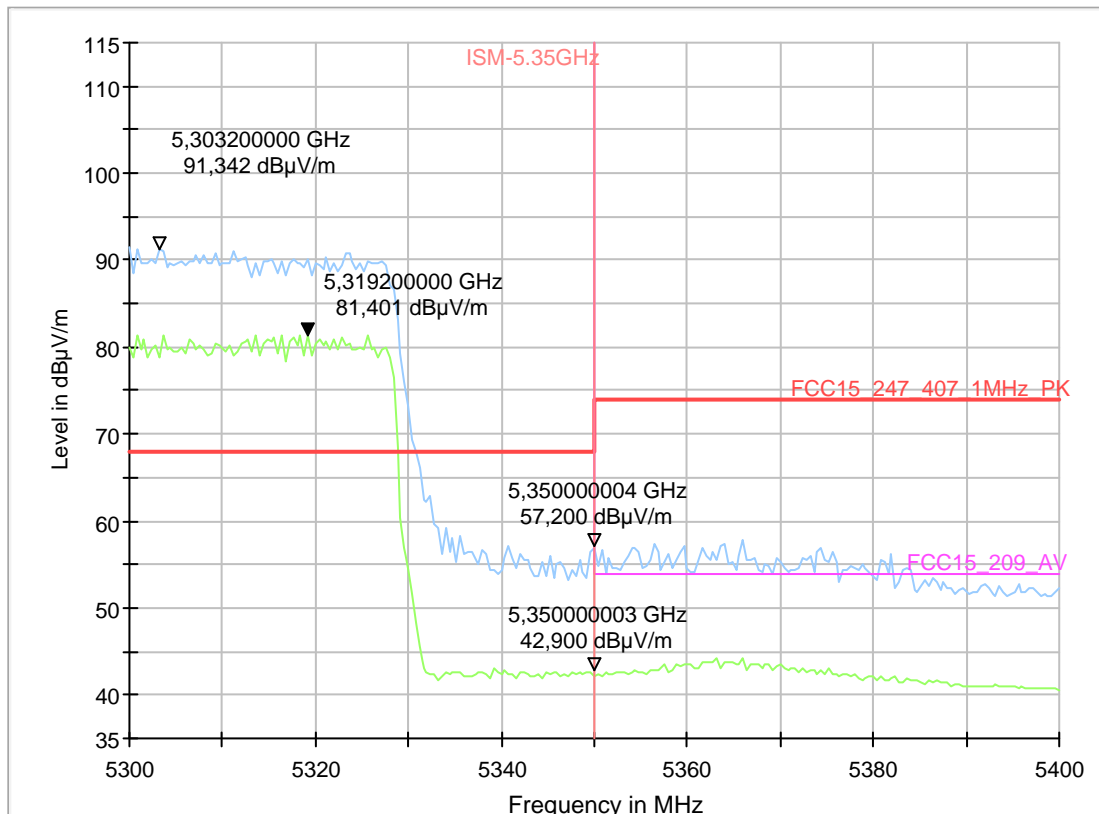
Common Information

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
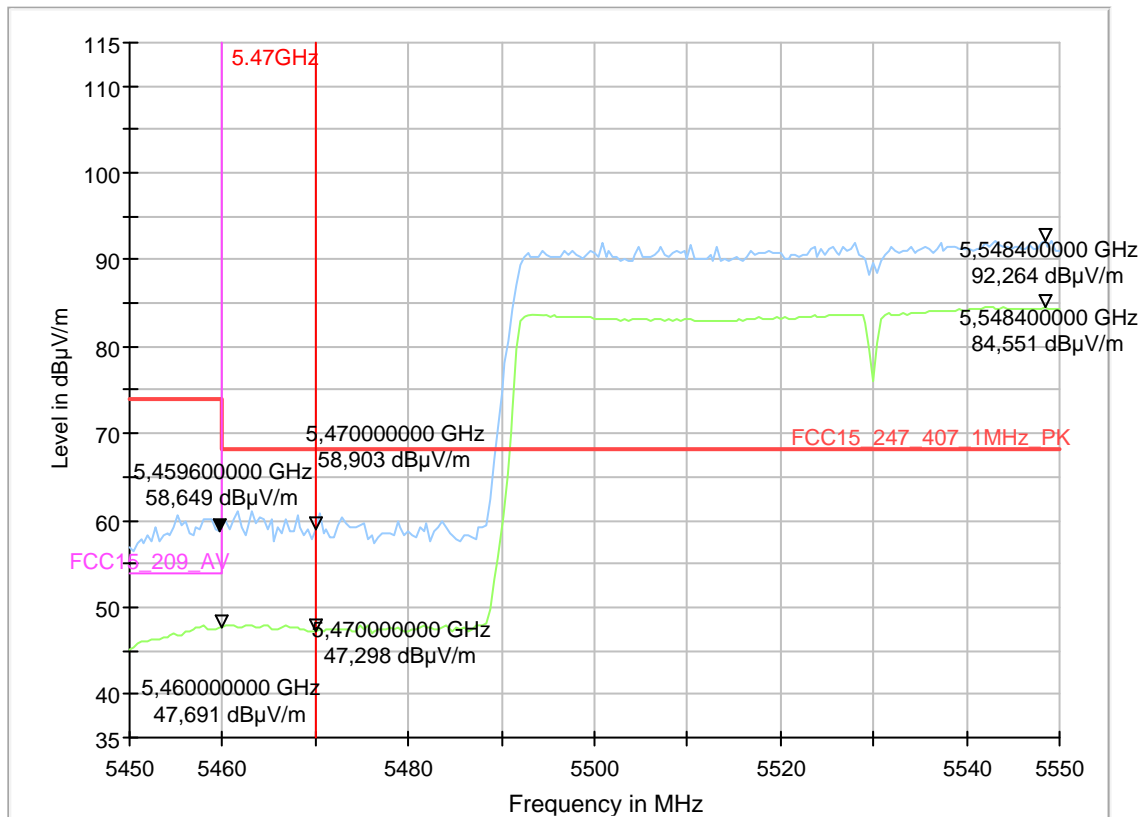
Common Information

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

CETECOM™

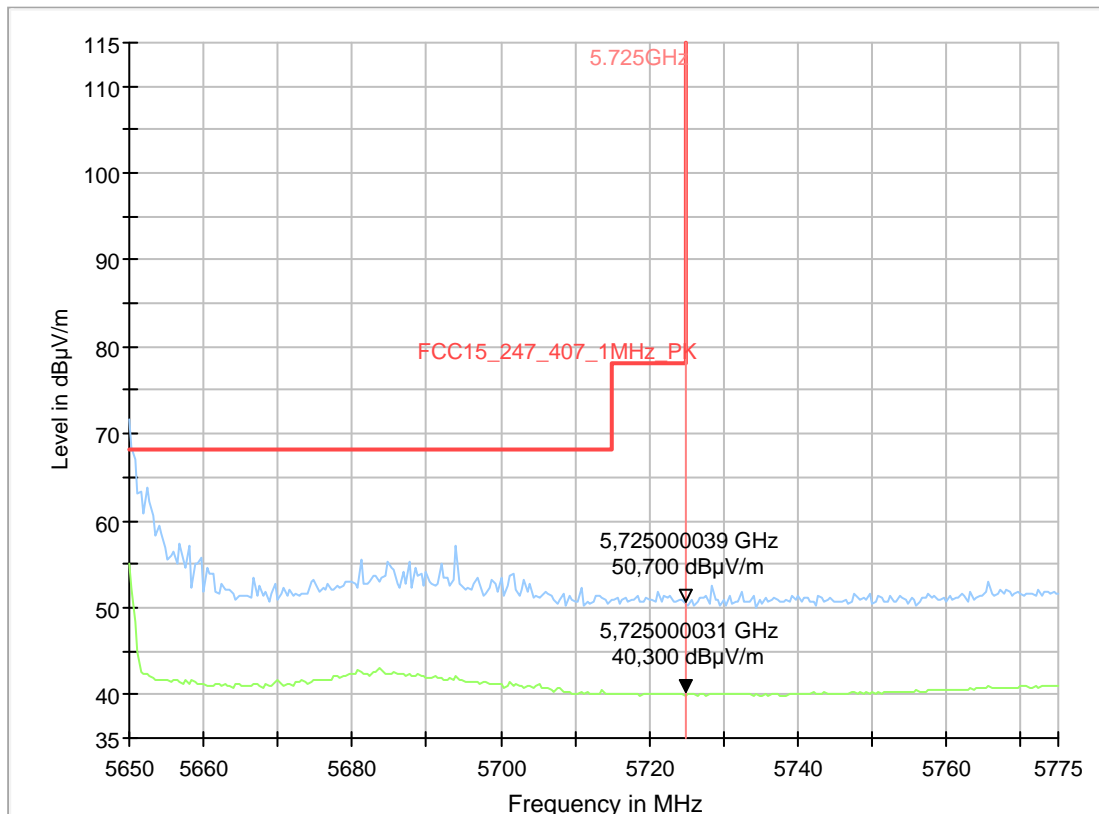# 9.44d_BE_11ac_ch122_80MHz_VHT_SS1_MCS0

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

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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

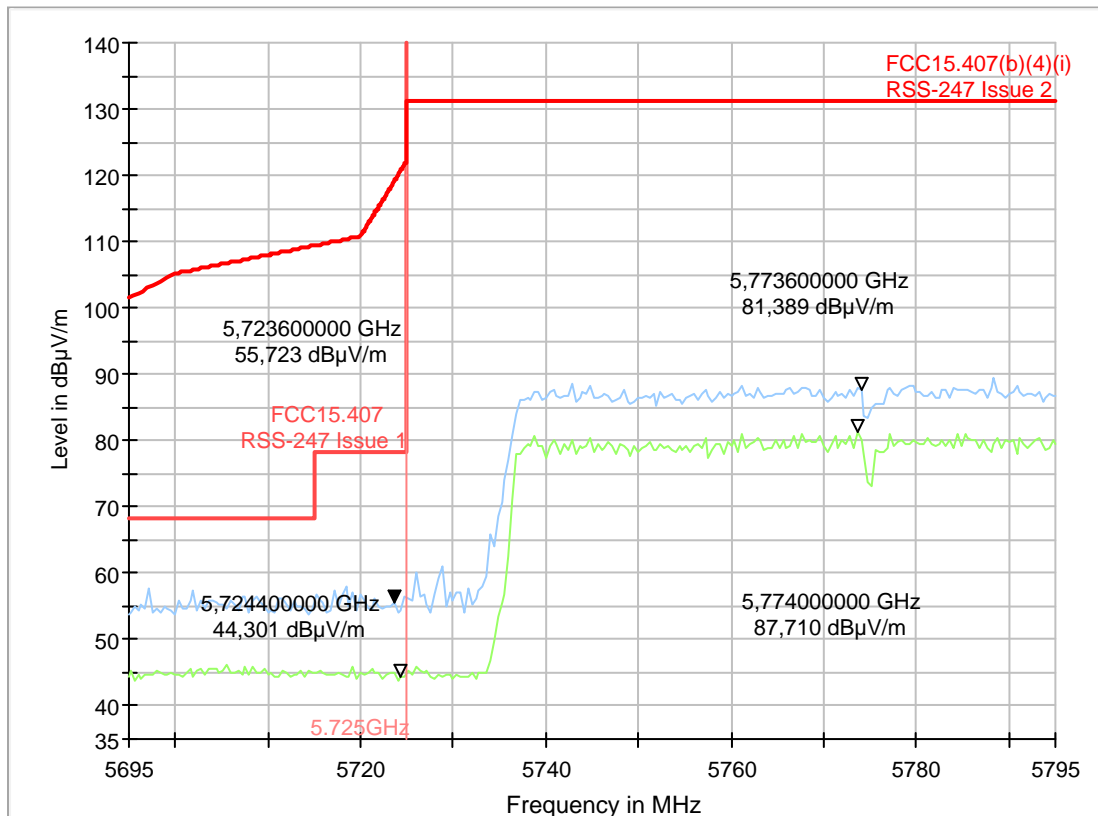## Common Information

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