

4.68_WLAN_ac_mode_20MHz_ch48

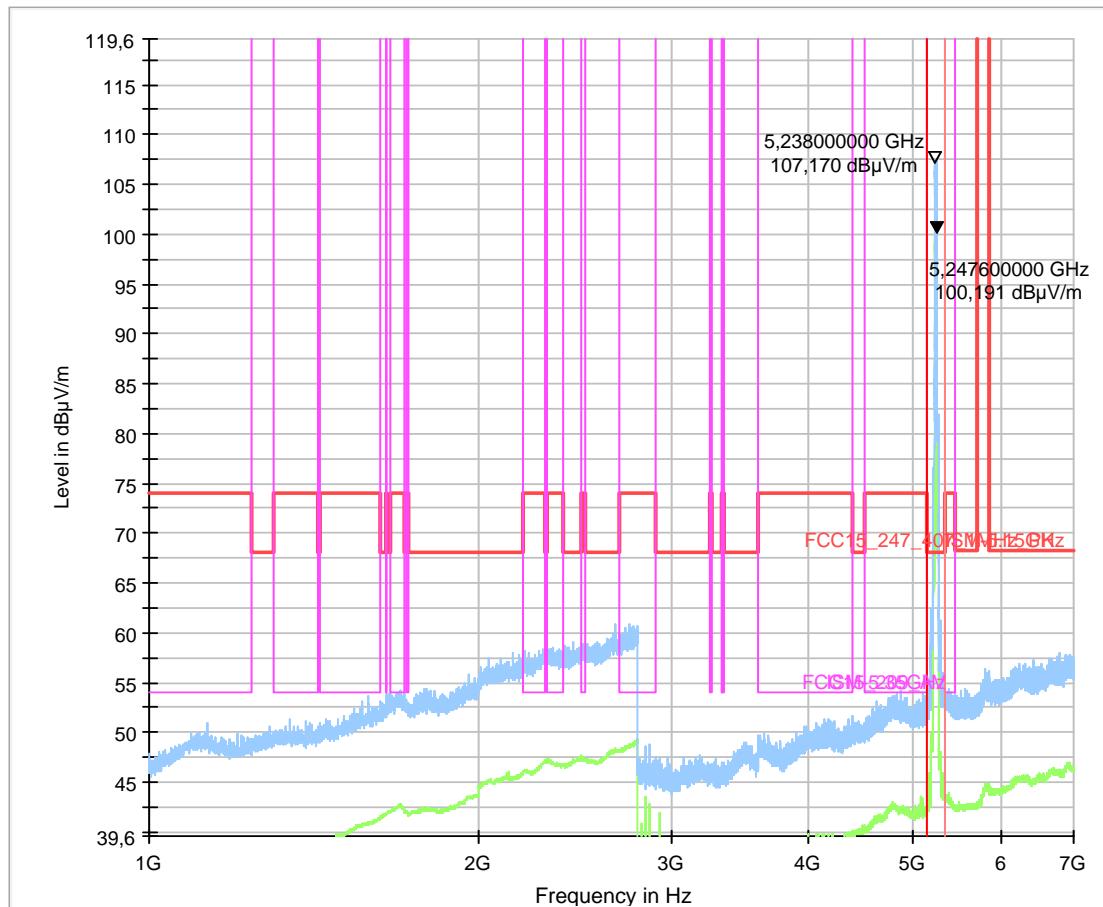
Common Information

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

Full Spectrum



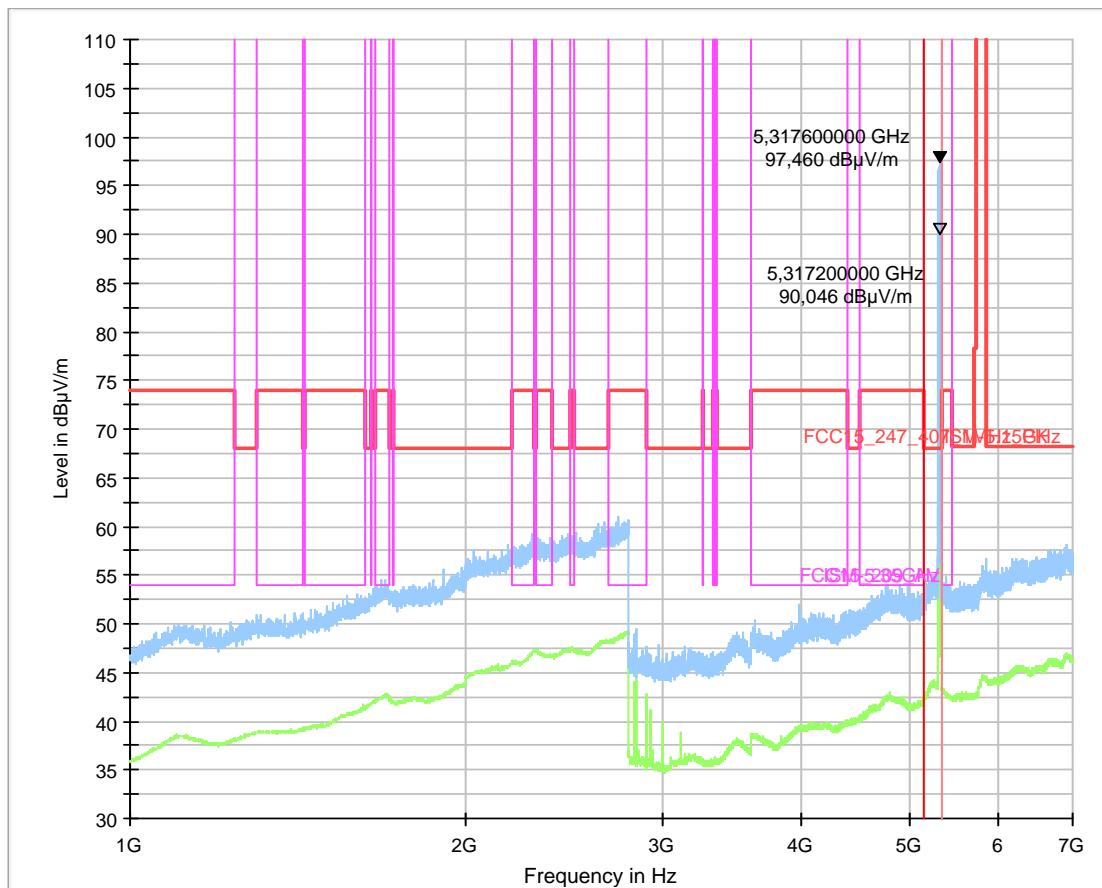
4.69_WLAN_ac_mode_20MHz_ch64**Common Information**

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: | - |
| <hr/> | |
| 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

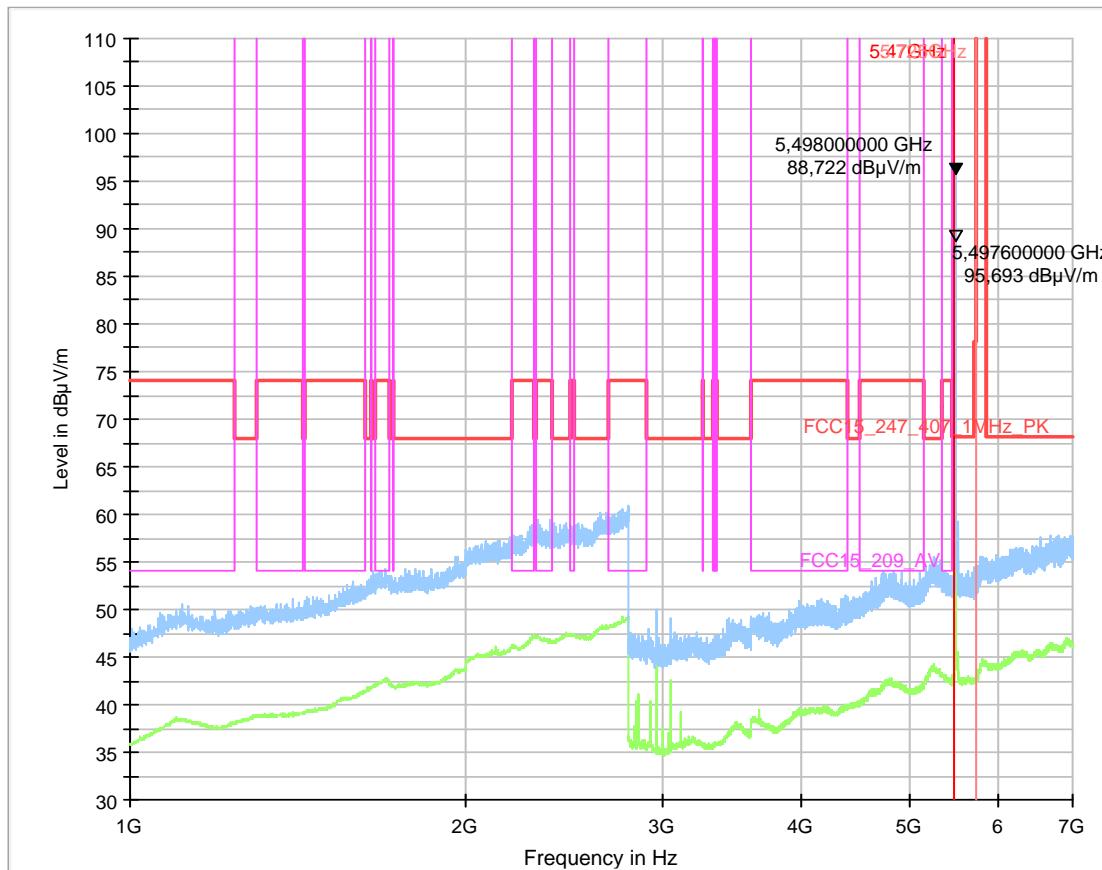
Common Information

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: | - |
| <hr/> | |
| 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

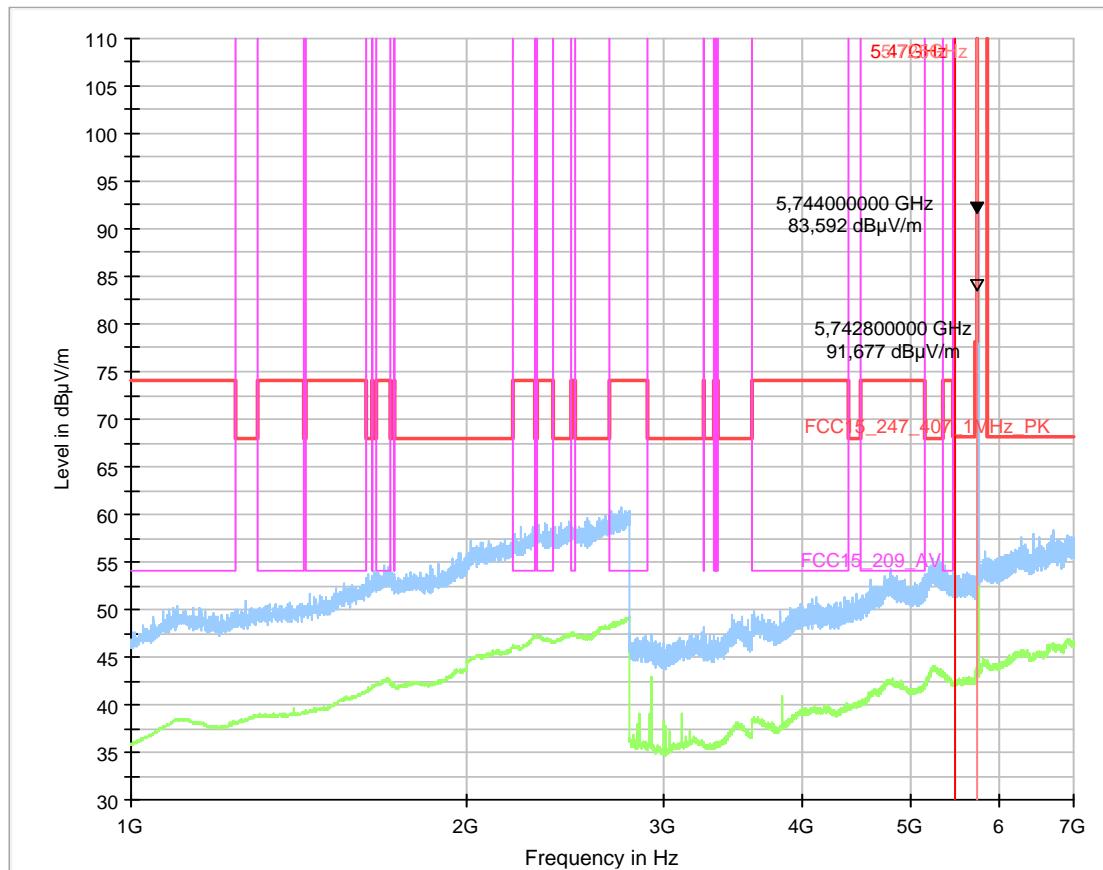
Common Information

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: | - |
| <hr/> | |
| 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

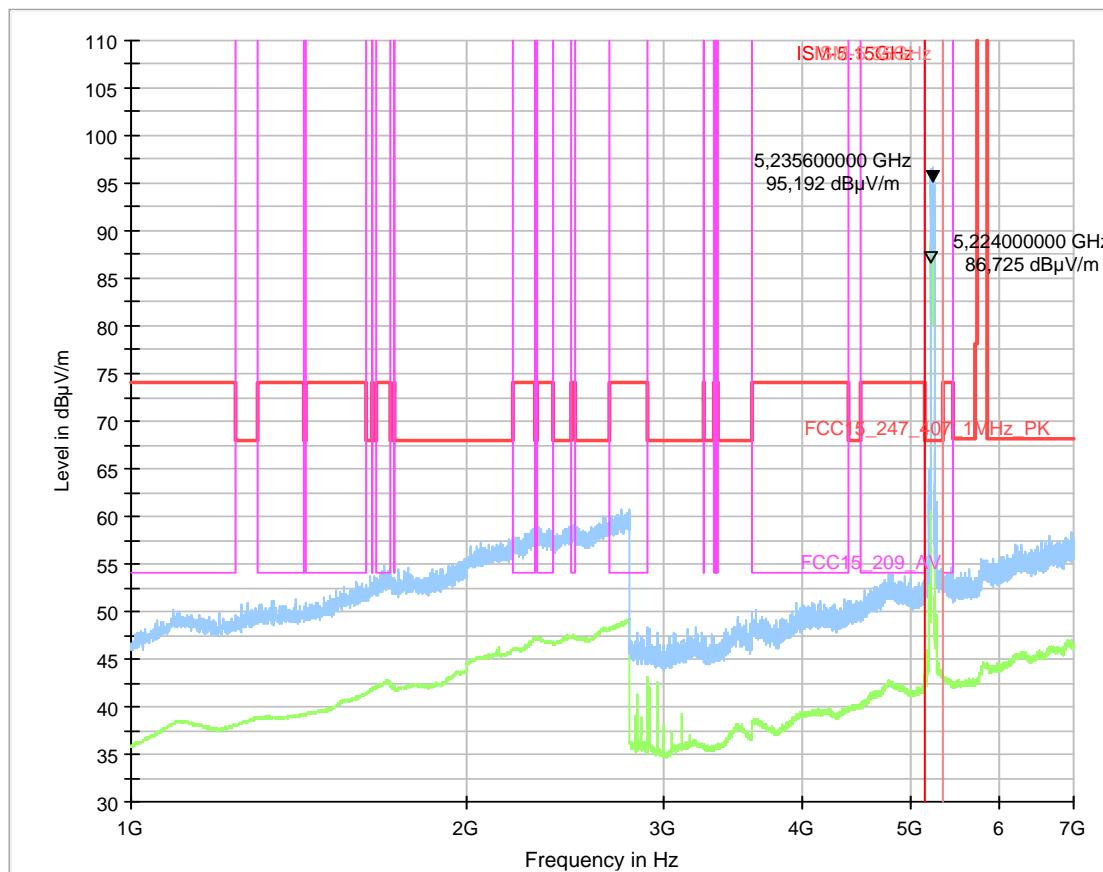
Common Information

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

Full Spectrum

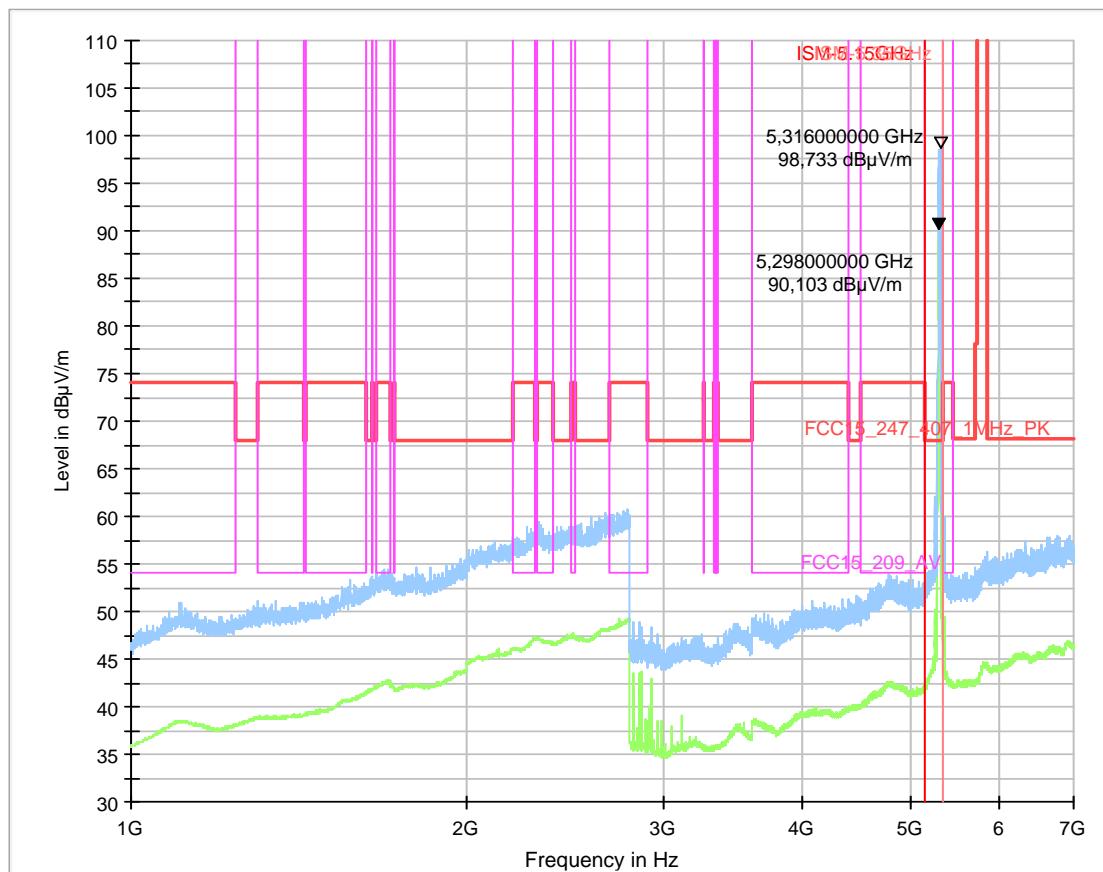


Diagram No.: 4.74_WLAN_n_mode_40MHz_ch102

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

Full Spectrum

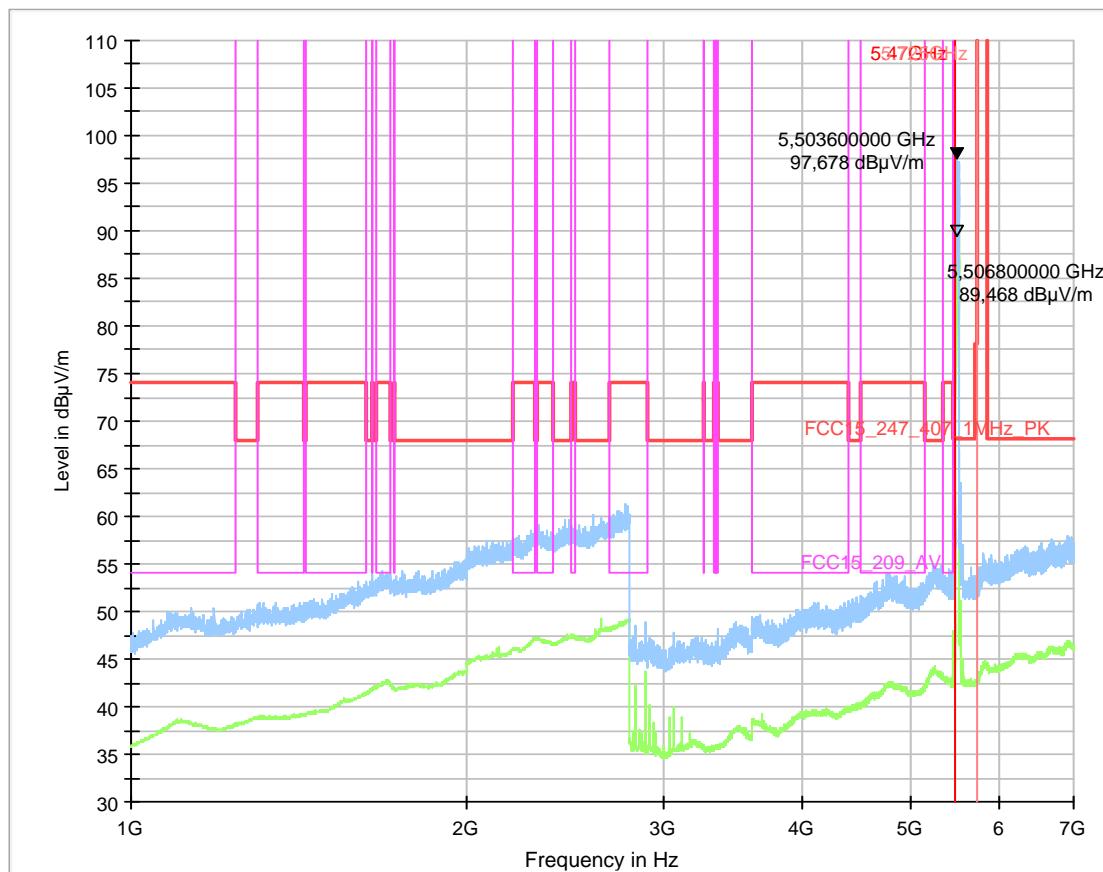


Diagram No.: 4.75_WLAN_n_mode_40MHz_ch151

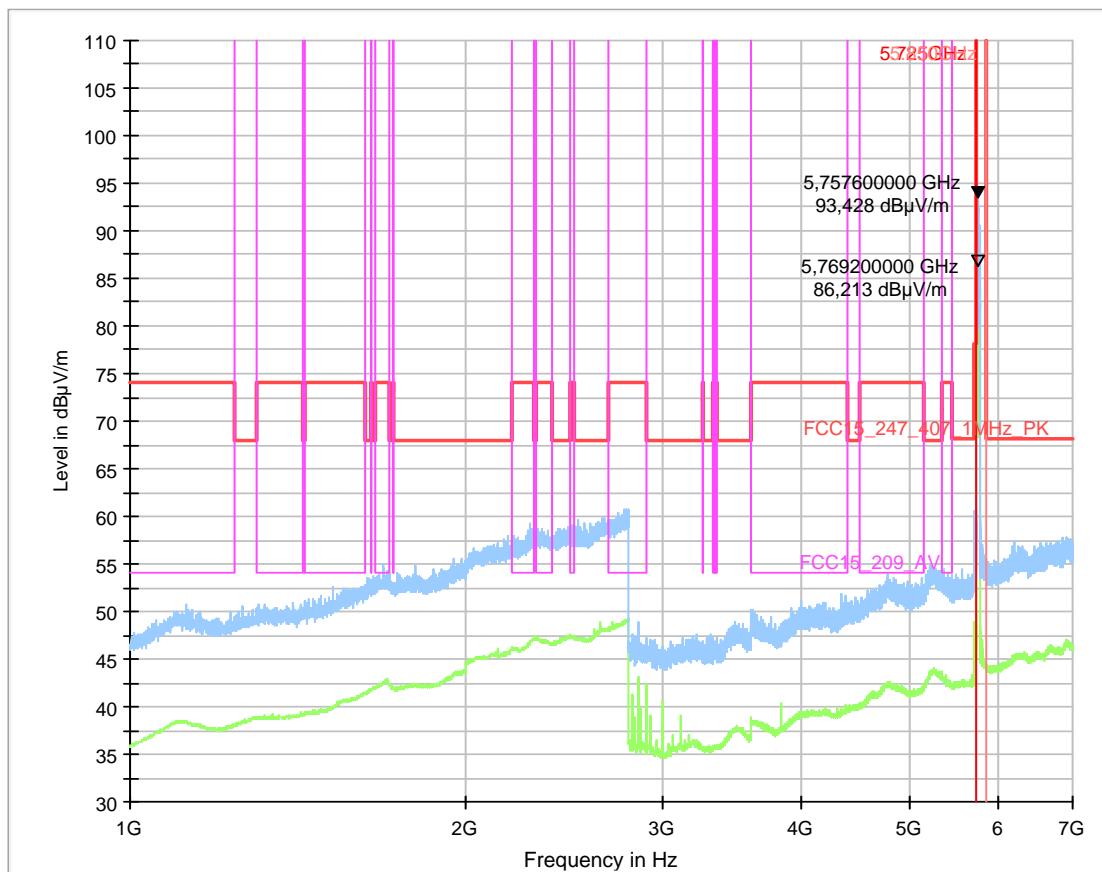
Common Information

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: | - |
| <hr/> | |
| 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

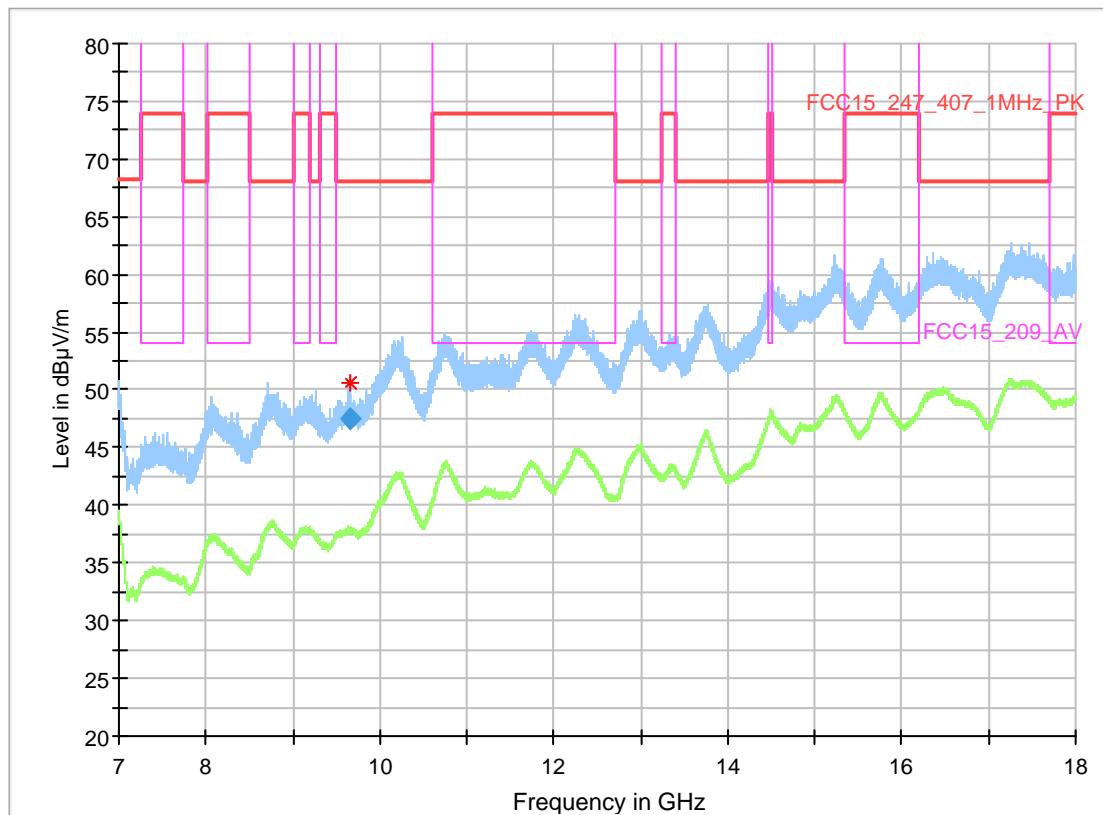
Common Information

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: | - |
| <hr/> | |
| 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) | 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 |

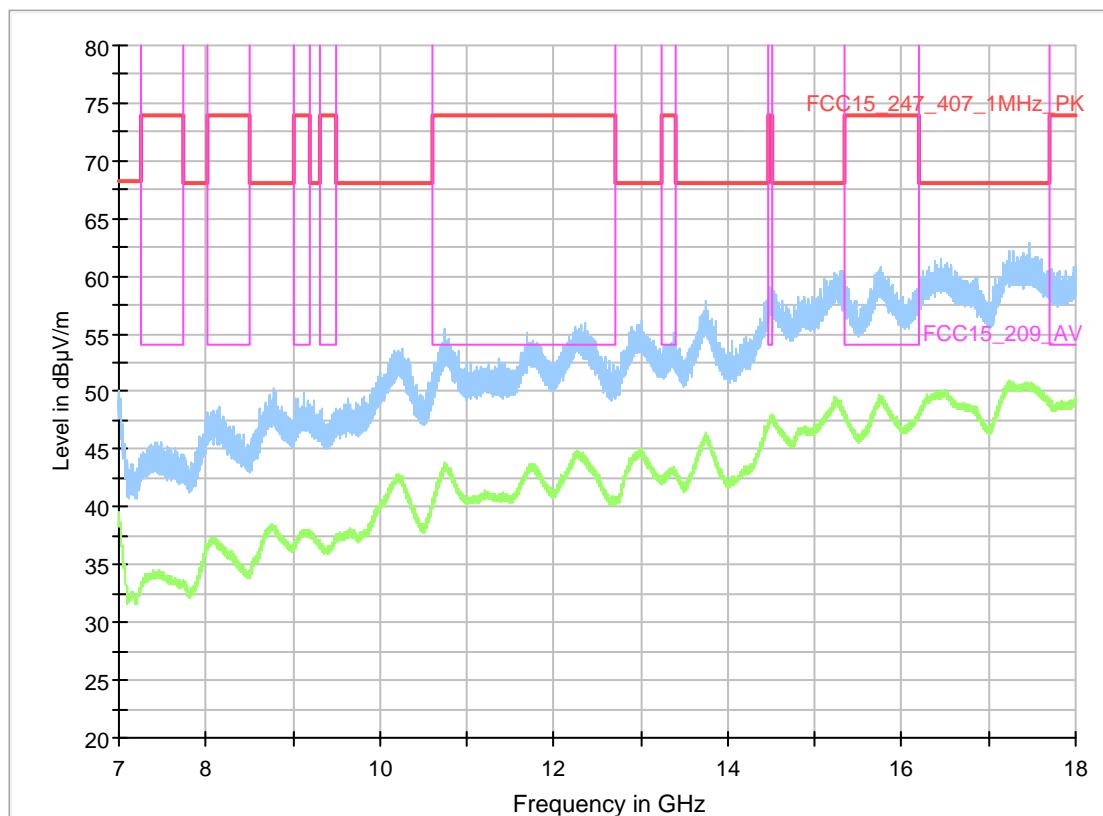
4.52a_WLAN_ac_mode_80MHz_ch58**Common Information**

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

Full Spectrum



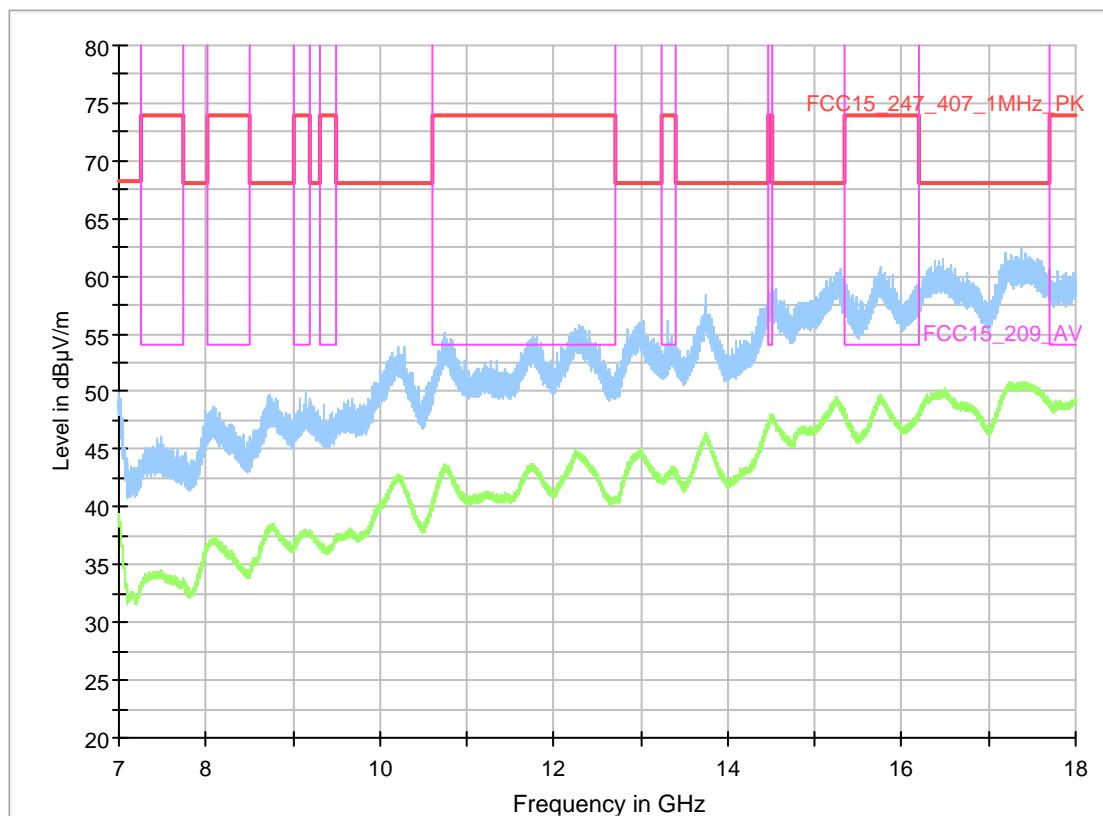
4.53a_WLAN_ac_mode_80MHz_ch106**Common Information**

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: | - |
| <hr/> | |
| 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

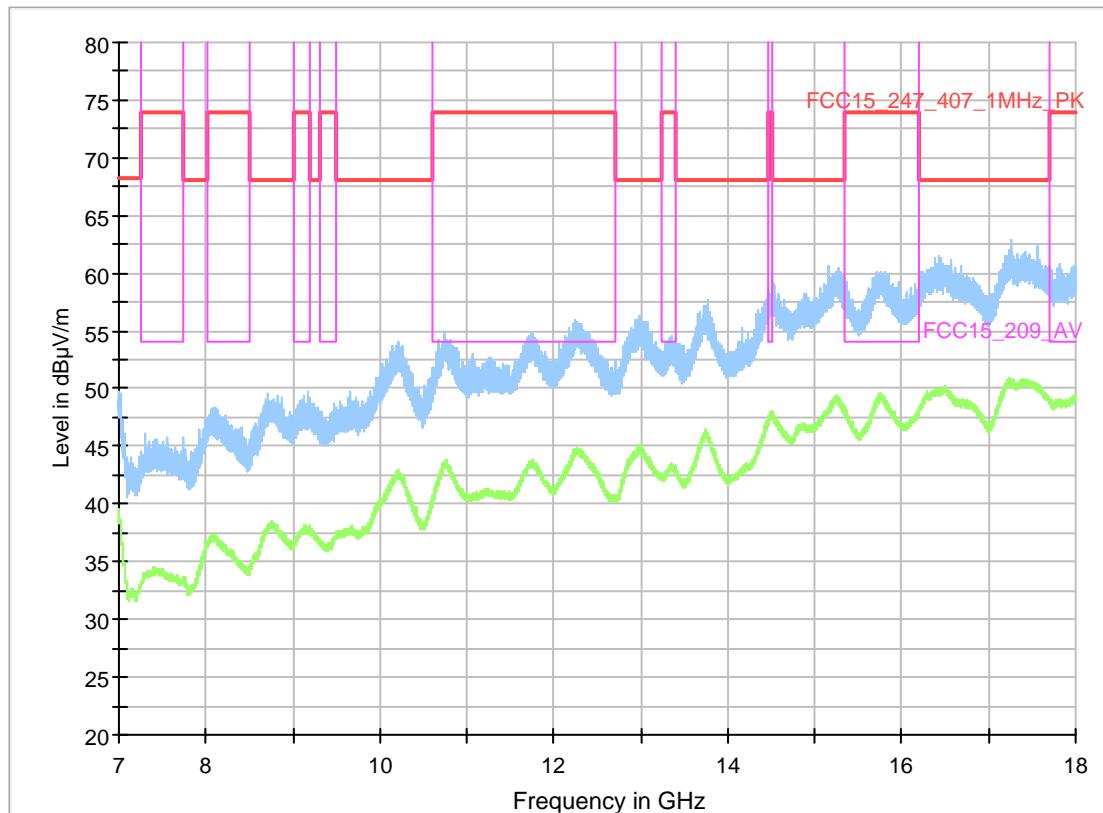
Common Information

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: KIV

EUT Information

| | |
|-----------------------|----------------------------------|
| Manufacturer: | Robert Bosch Car Multimedia GmbH |
| Model: | AIVIP32R0 |
| Type: | - |
| <hr/> | |
| 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

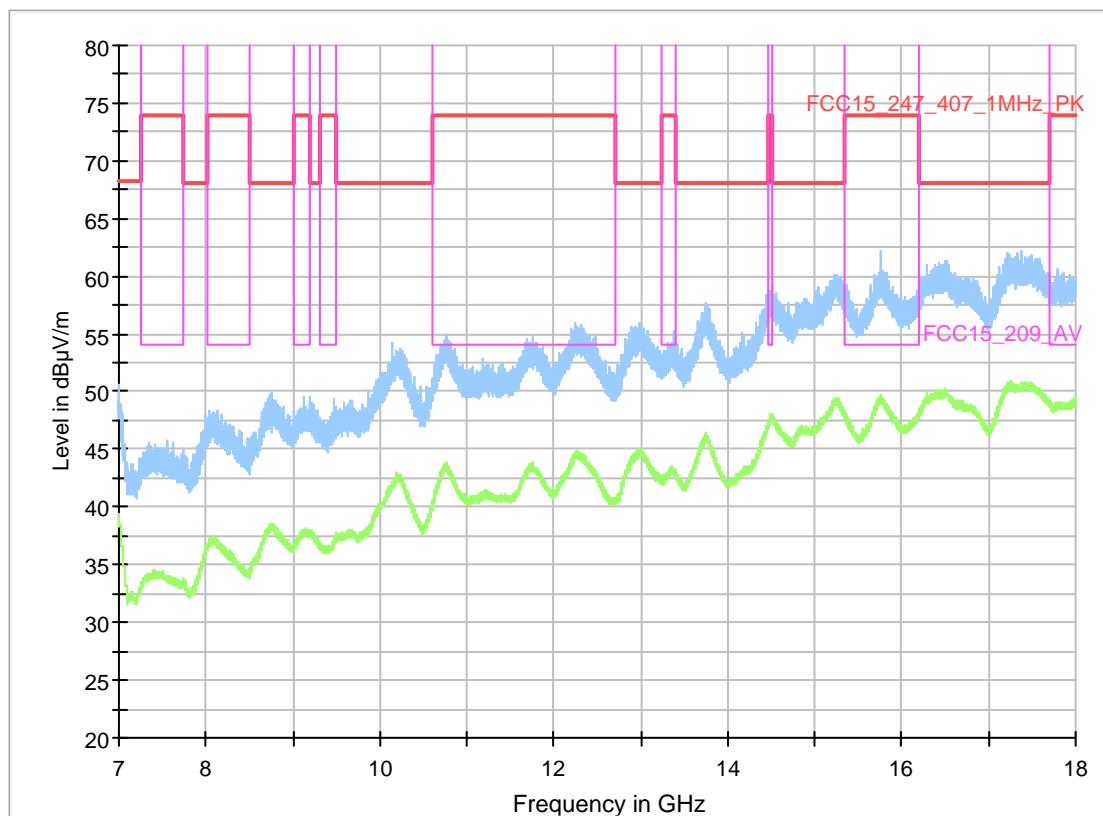
Common Information

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

Full Spectrum



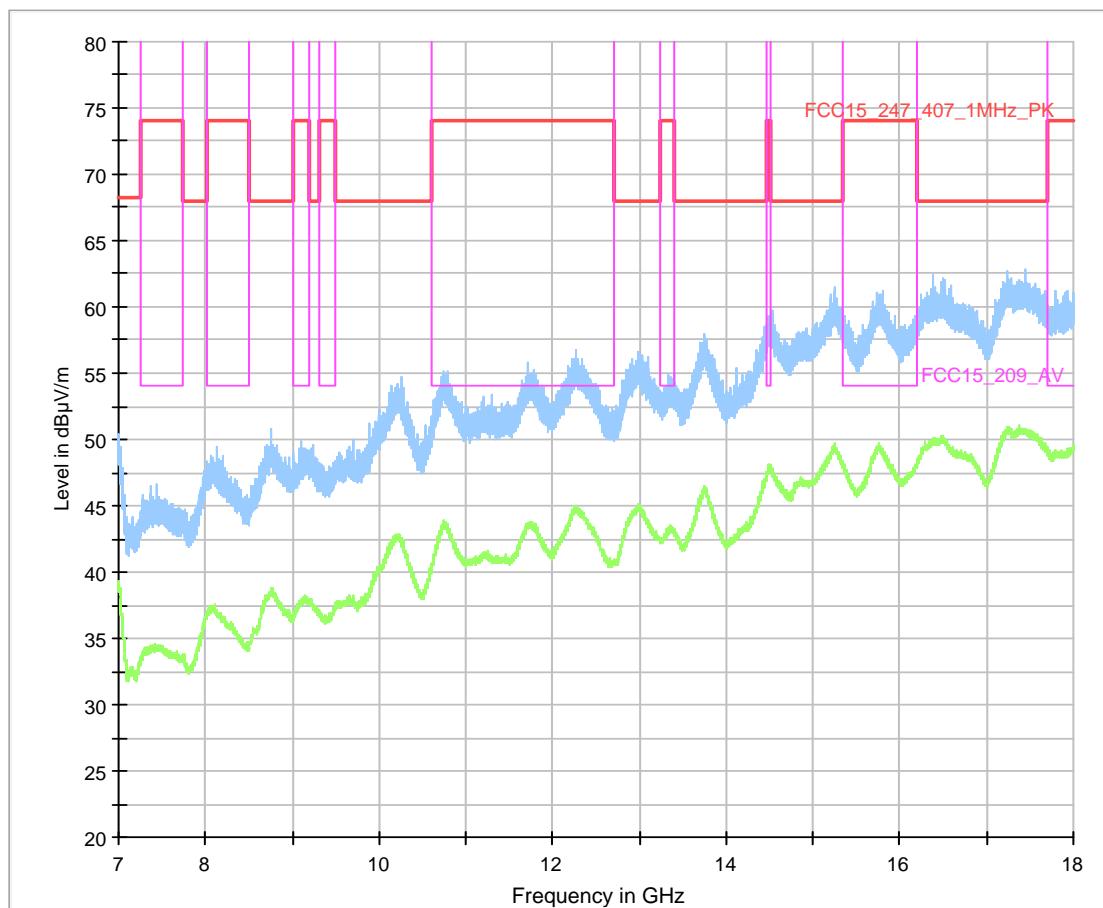
4.56a_WLAN_ac_mode_40MHz_ch46**Common Information**

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: KIv

EUT Information

| | |
|-----------------------|----------------------------------|
| Manufacturer: | Robert Bosch Car Multimedia GmbH |
| Model: | AIVIP32R0 |
| Type: | - |
| <hr/> | |
| 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

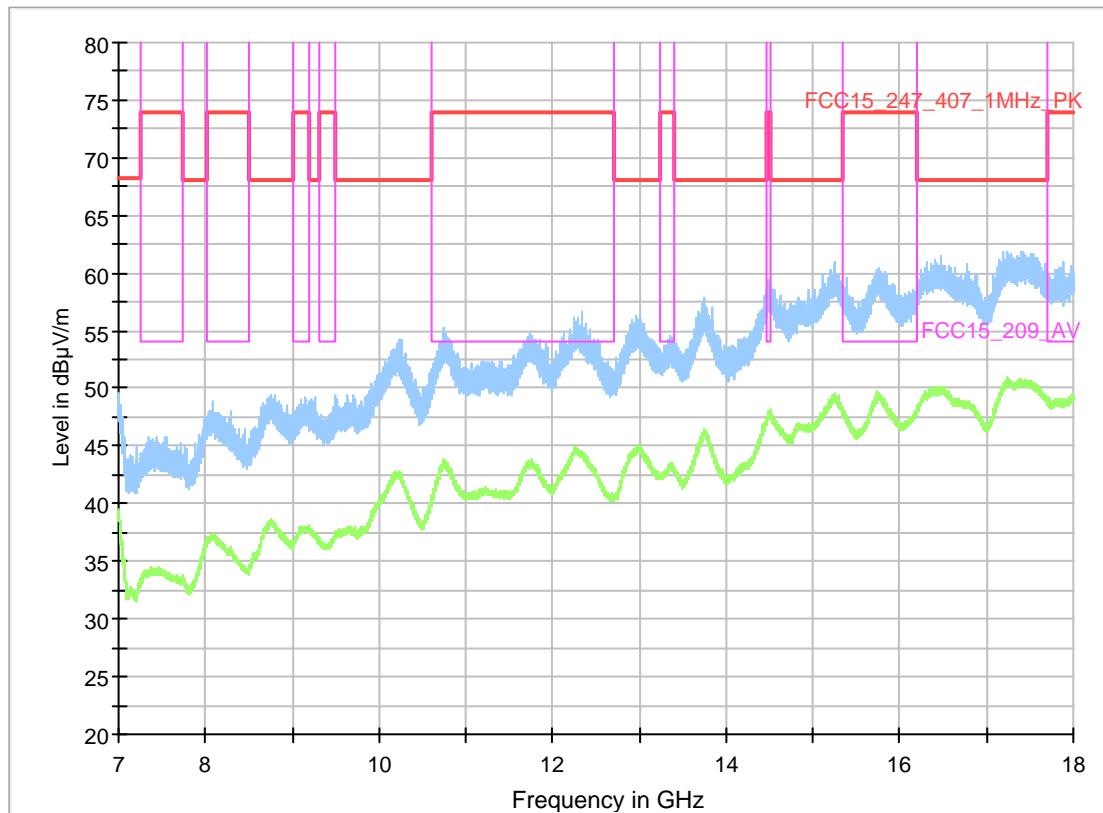
Common Information

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

Full Spectrum



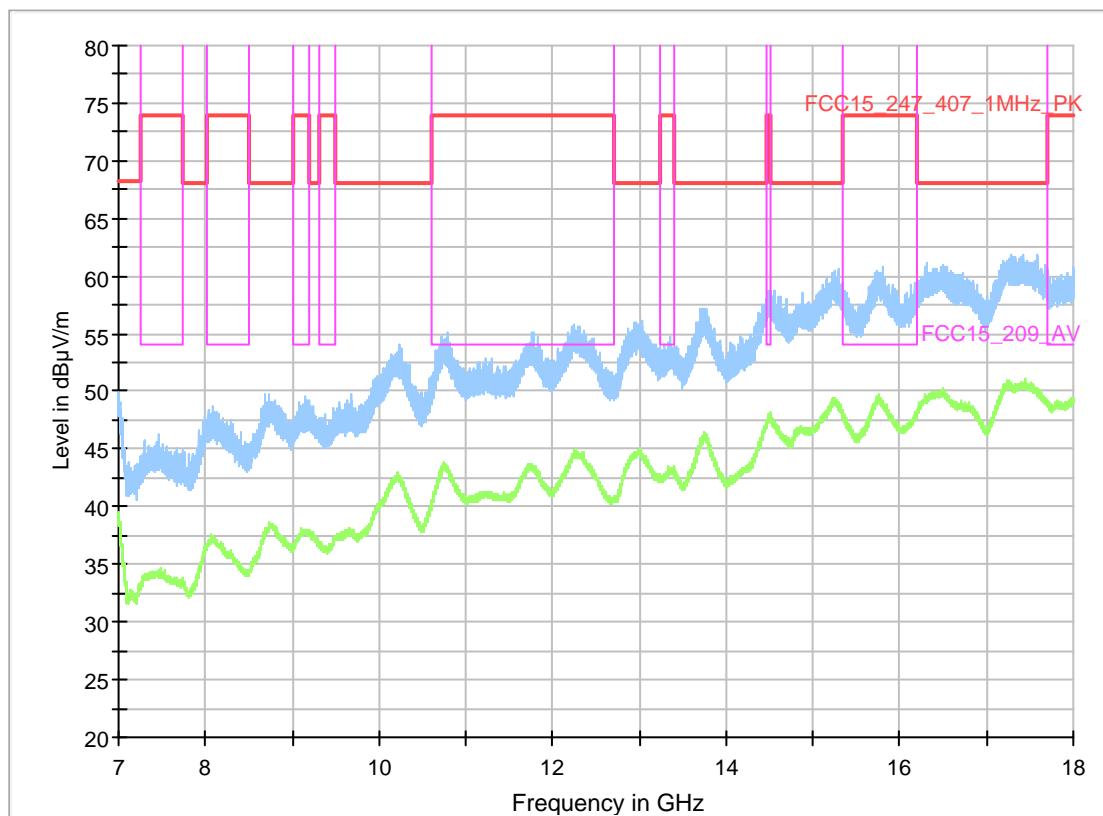
4.58a_WLAN_ac_mode_40MHz_ch134**Common Information**

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

Full Spectrum



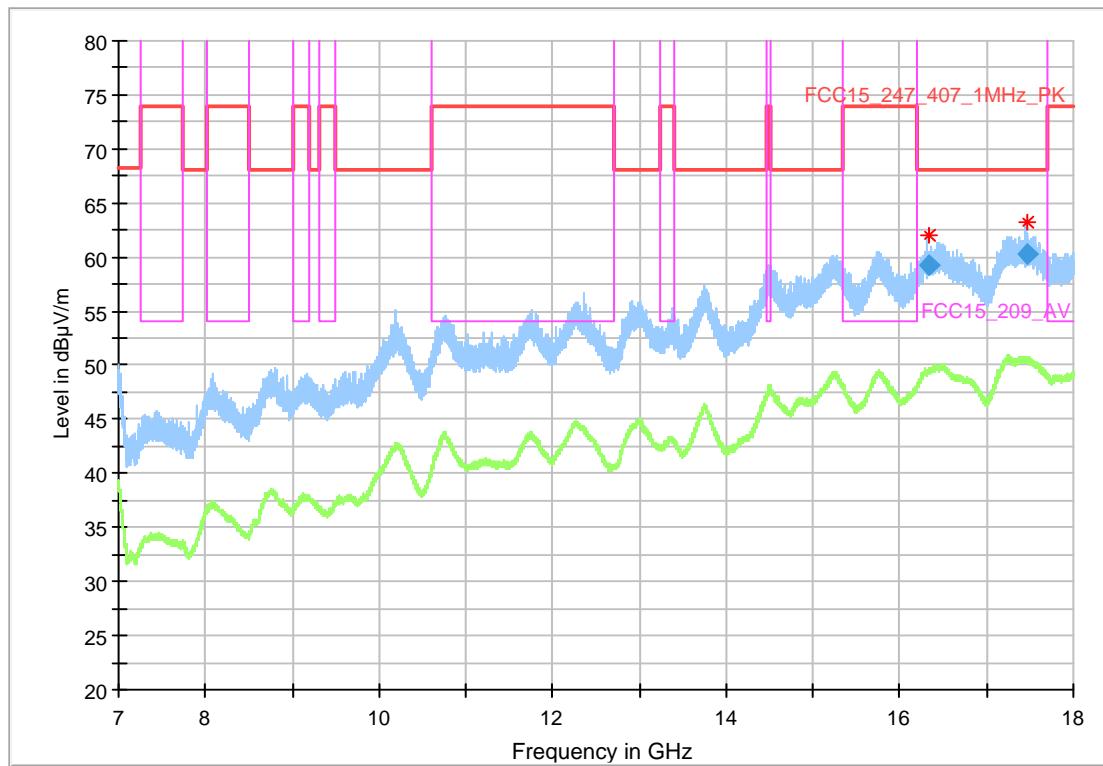
4.59a_WLAN_ac_mode_40MHz_ch159**Common Information**

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: KIV

EUT Information

| | |
|-----------------------|----------------------------------|
| Manufacturer: | Robert Bosch Car Multimedia GmbH |
| Model: | AIVIP32R0 |
| Type: | - |
| <hr/> | |
| 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 |

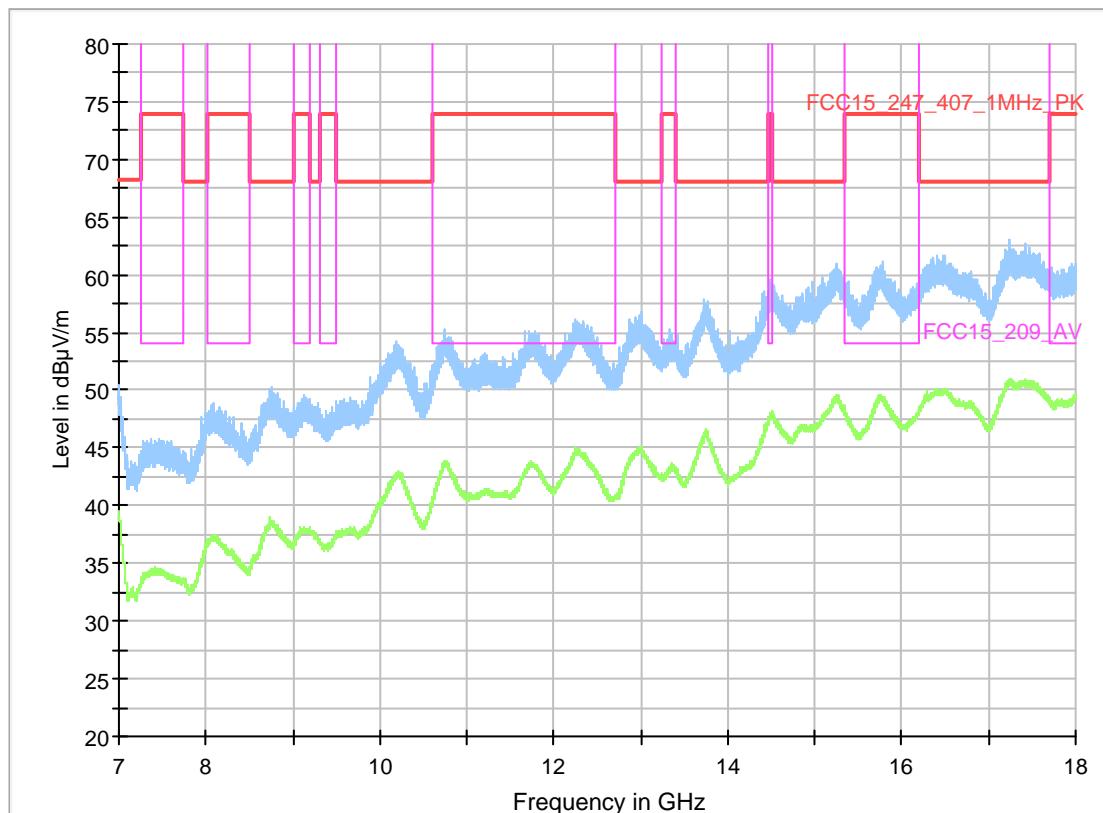
4.60a_WLAN_a_mode_20MHz_ch48**Common Information**

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

Full Spectrum



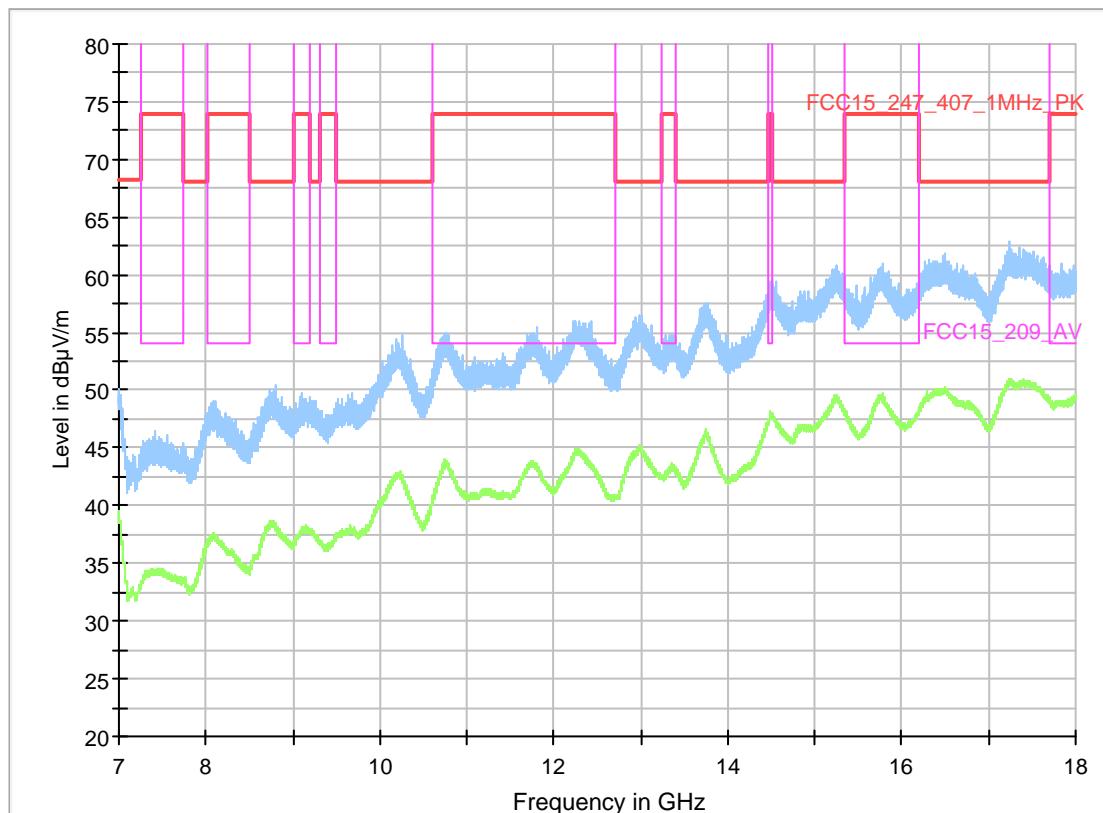
4.61a_WLAN_a_mode_20MHz_ch64**Common Information**

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

Full Spectrum



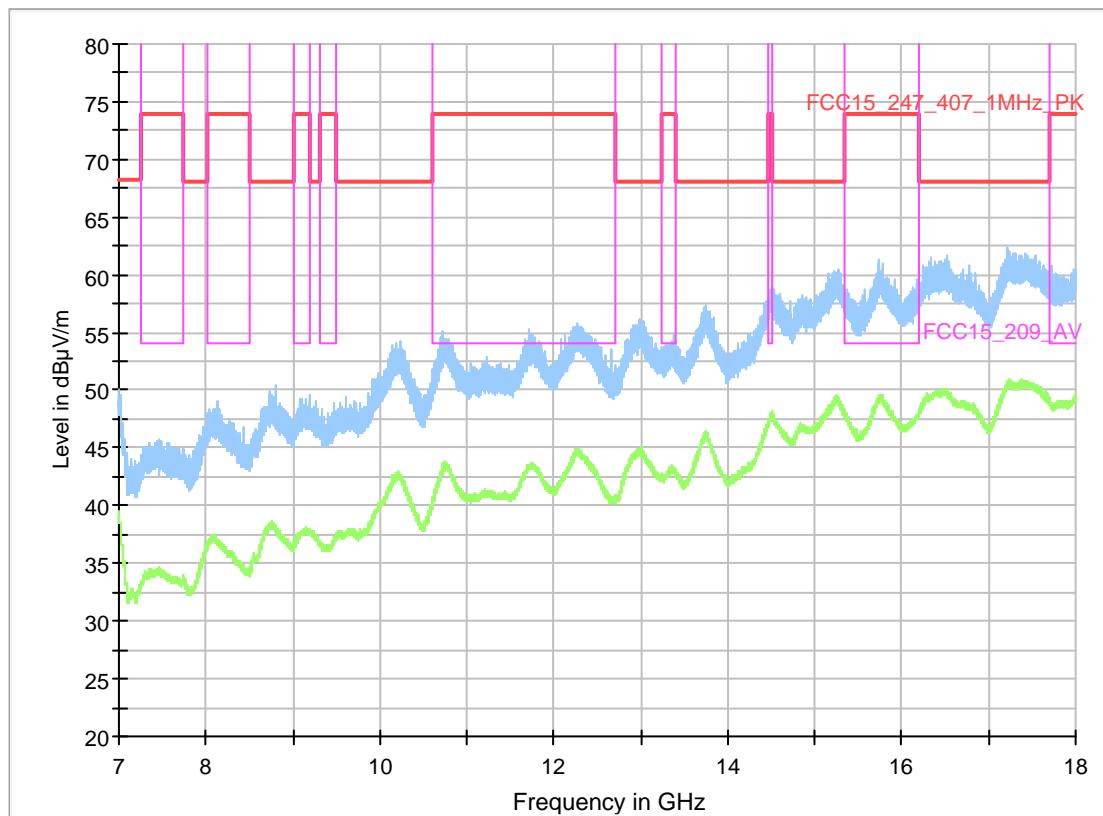
4.62a_WLAN_a_mode_20MHz_ch140**Common Information**

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

Full Spectrum



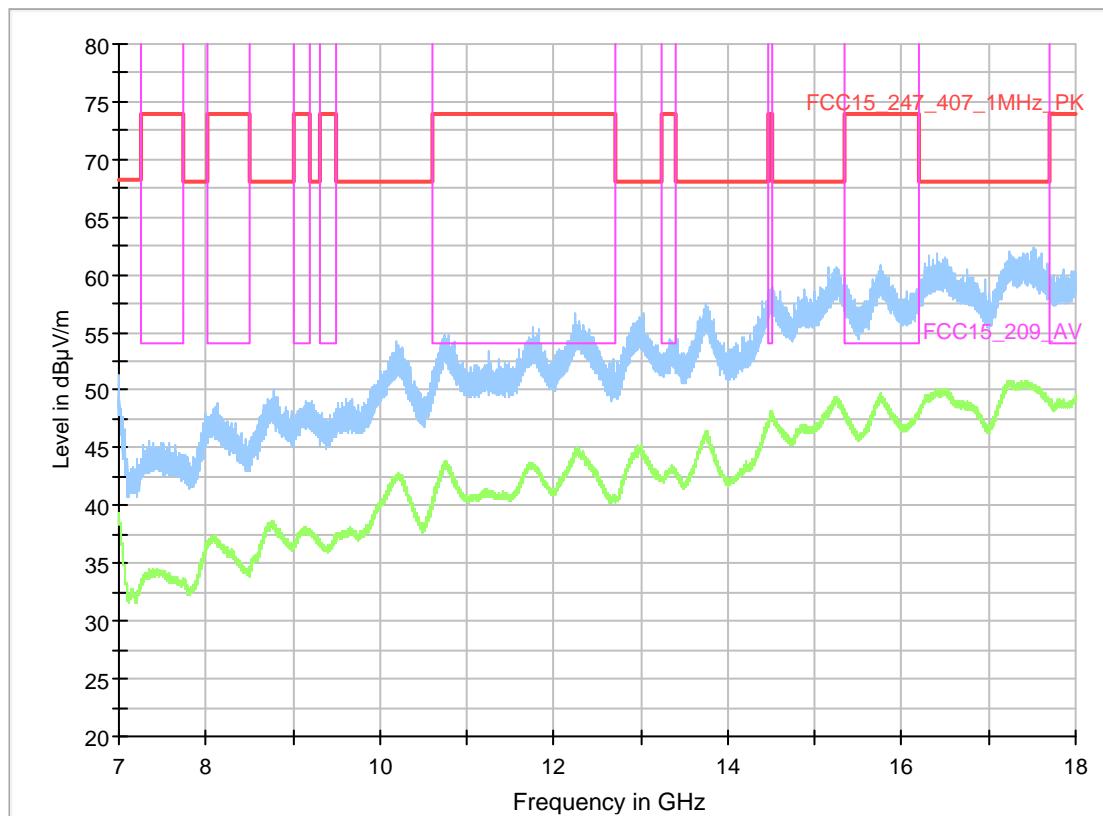
4.63a_WLAN_a_mode_20MHz_ch165**Common Information**

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: | - |
| <hr/> | |
| 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

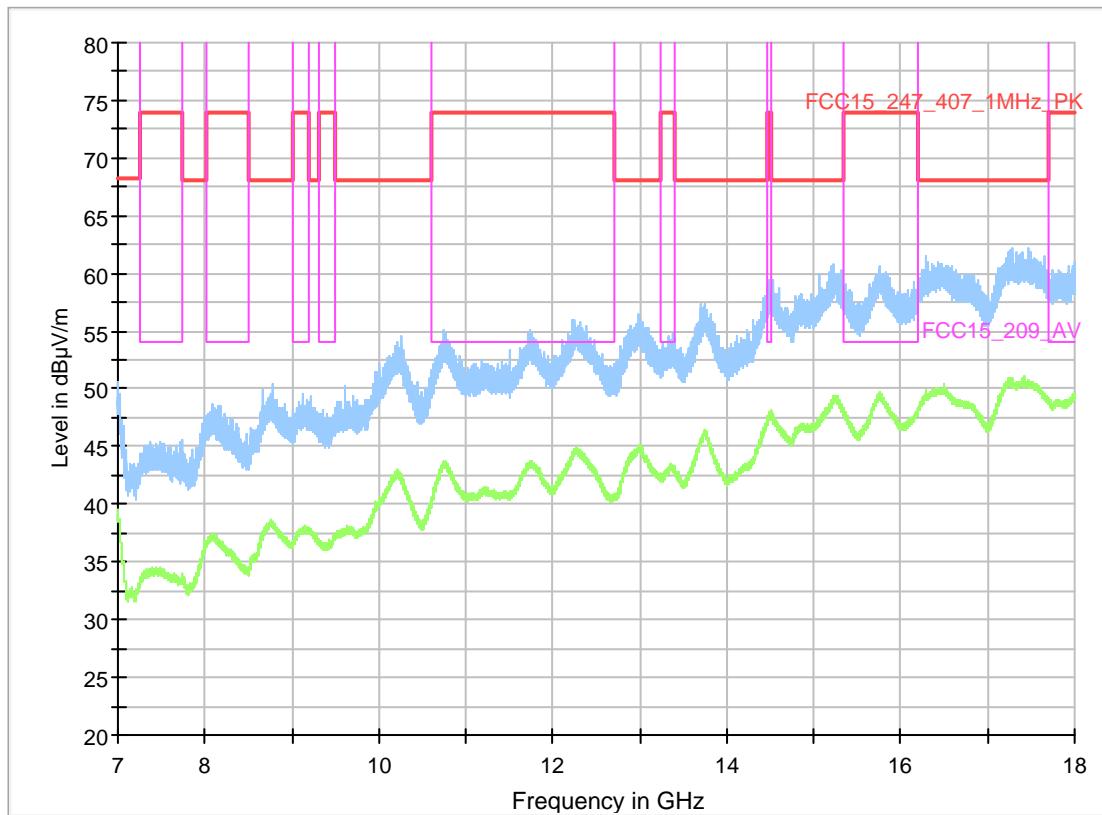
Common Information

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

Full Spectrum



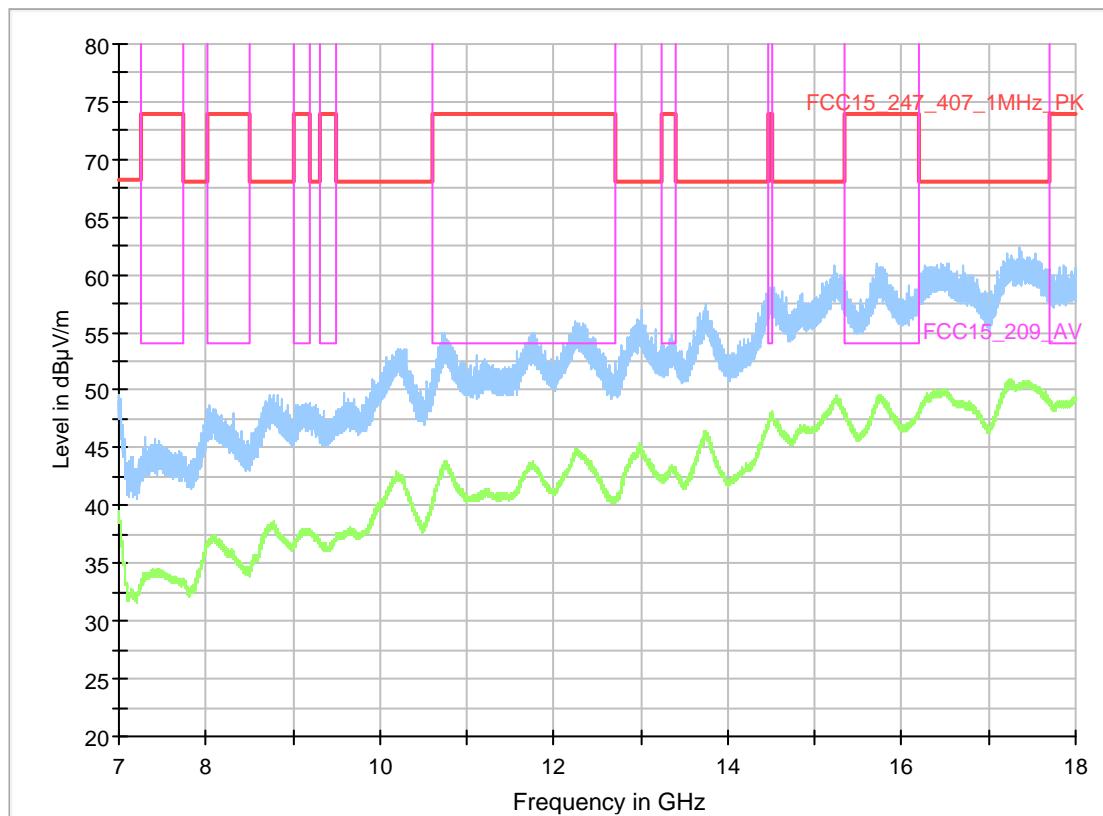
4.65a_WLAN_n_mode_20MHz_ch64**Common Information**

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

Full Spectrum



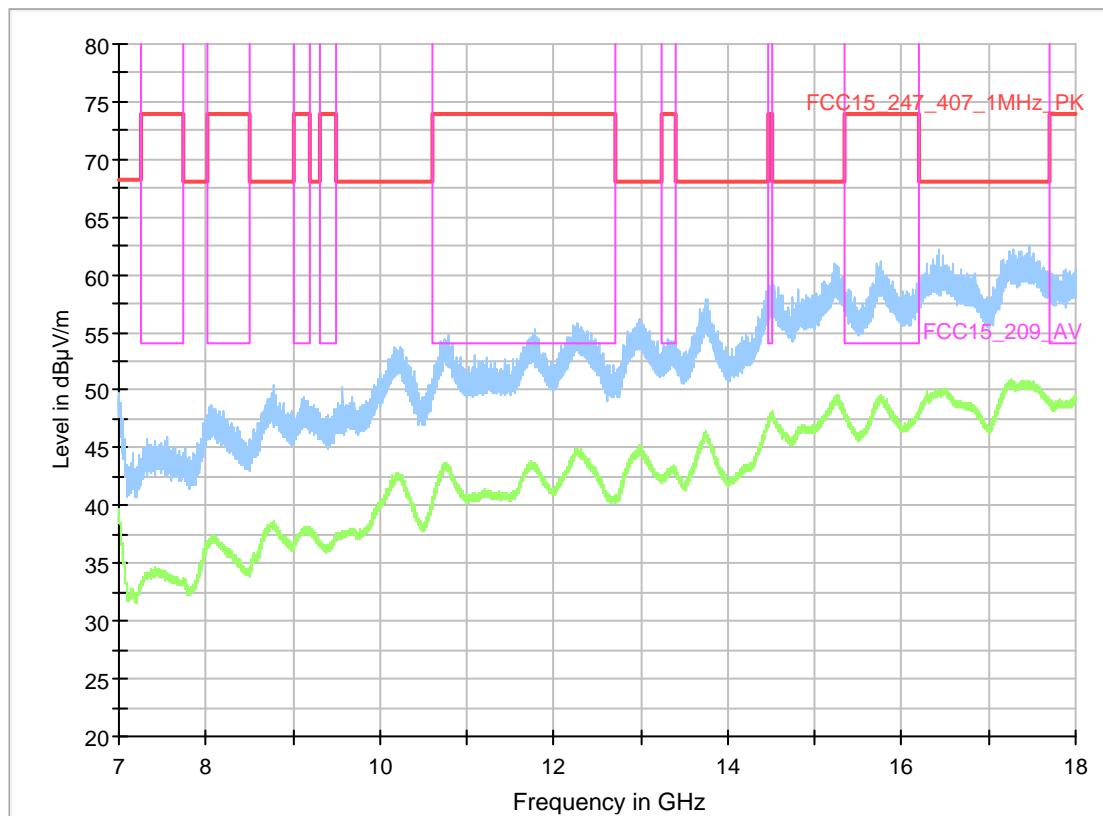
4.66a_WLAN_n_mode_20MHz_ch100**Common Information**

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: | - |
| <hr/> | |
| 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

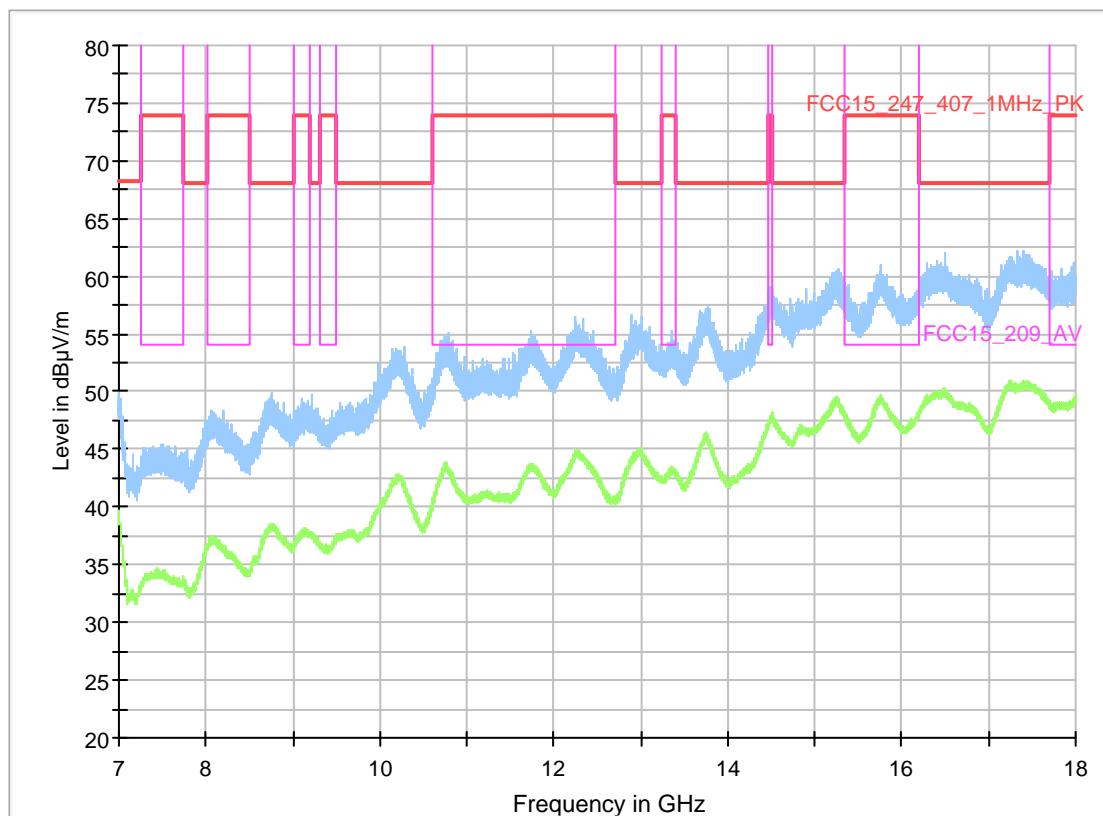
Common Information

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: KIV

EUT Information

| | |
|-----------------------|----------------------------------|
| Manufacturer: | Robert Bosch Car Multimedia GmbH |
| Model: | AIVIP32R0 |
| Type: | - |
| <hr/> | |
| 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

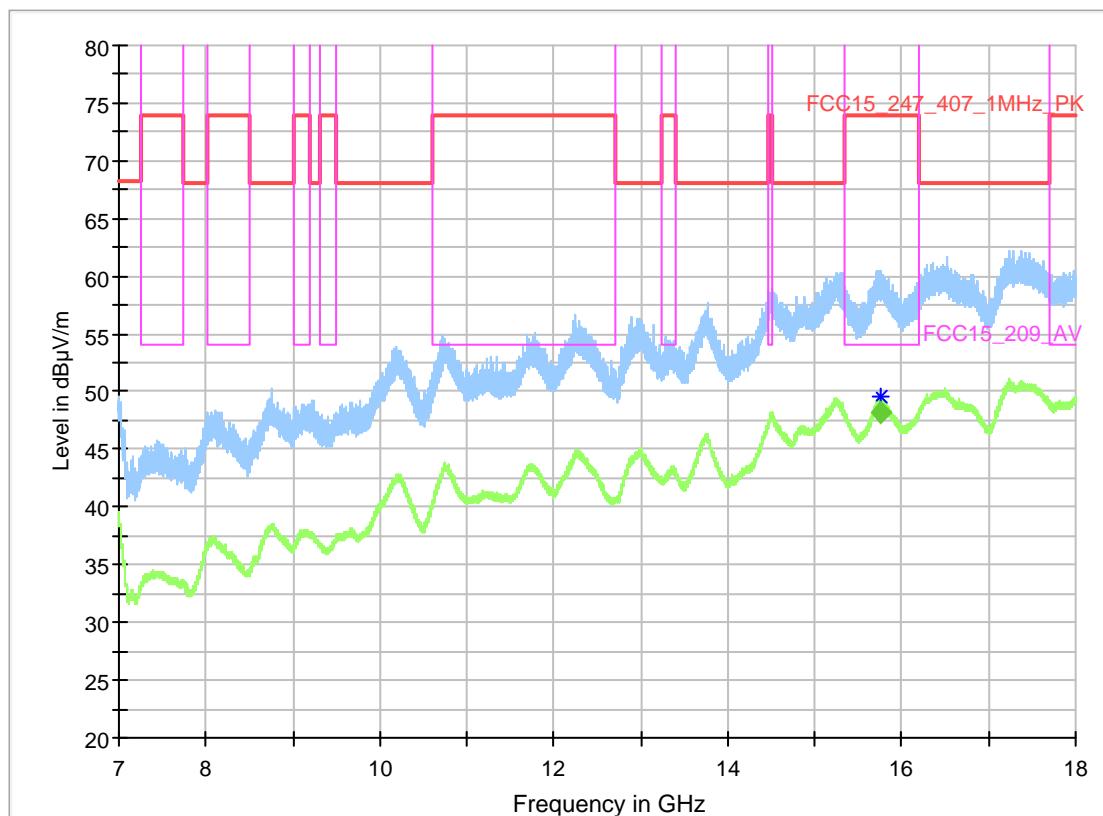
Common Information

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: KIV

EUT Information

| | |
|-----------------------|----------------------------------|
| Manufacturer: | Robert Bosch Car Multimedia GmbH |
| Model: | AIVIP32R0 |
| Type: | - |
| <hr/> | |
| 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 |

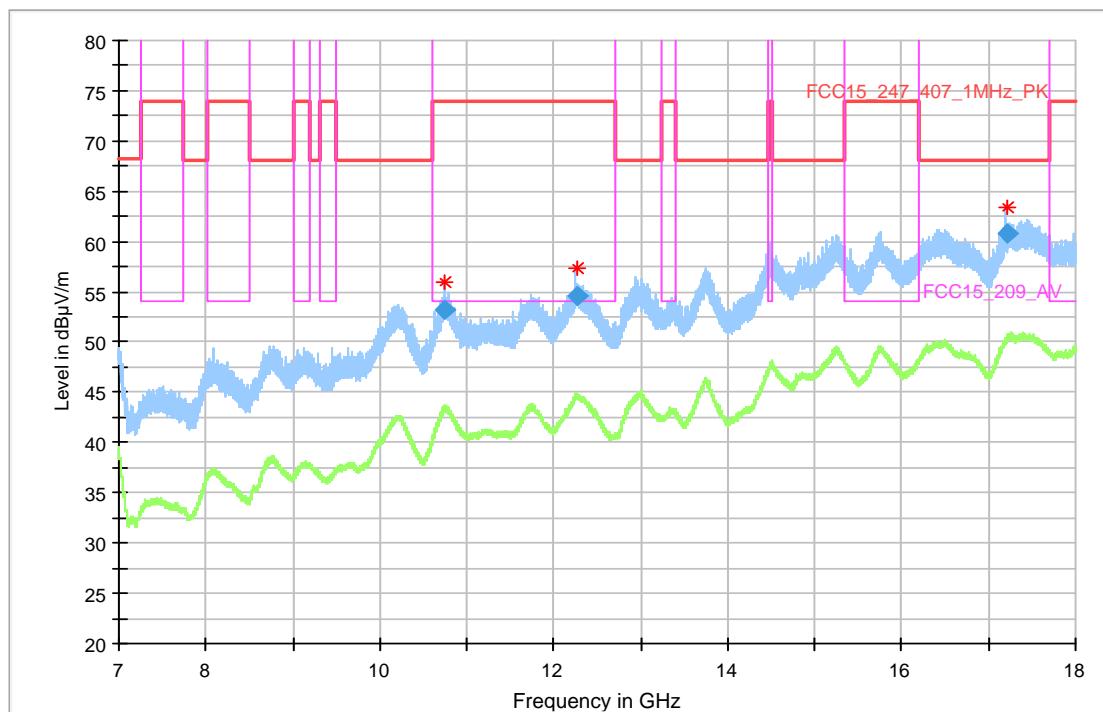
4.69a_WLAN_ac_mode_20MHz_ch64**Common Information**

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: | - |
| <hr/> | |
| 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 | Azimut h (deg) | Elevatio n (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

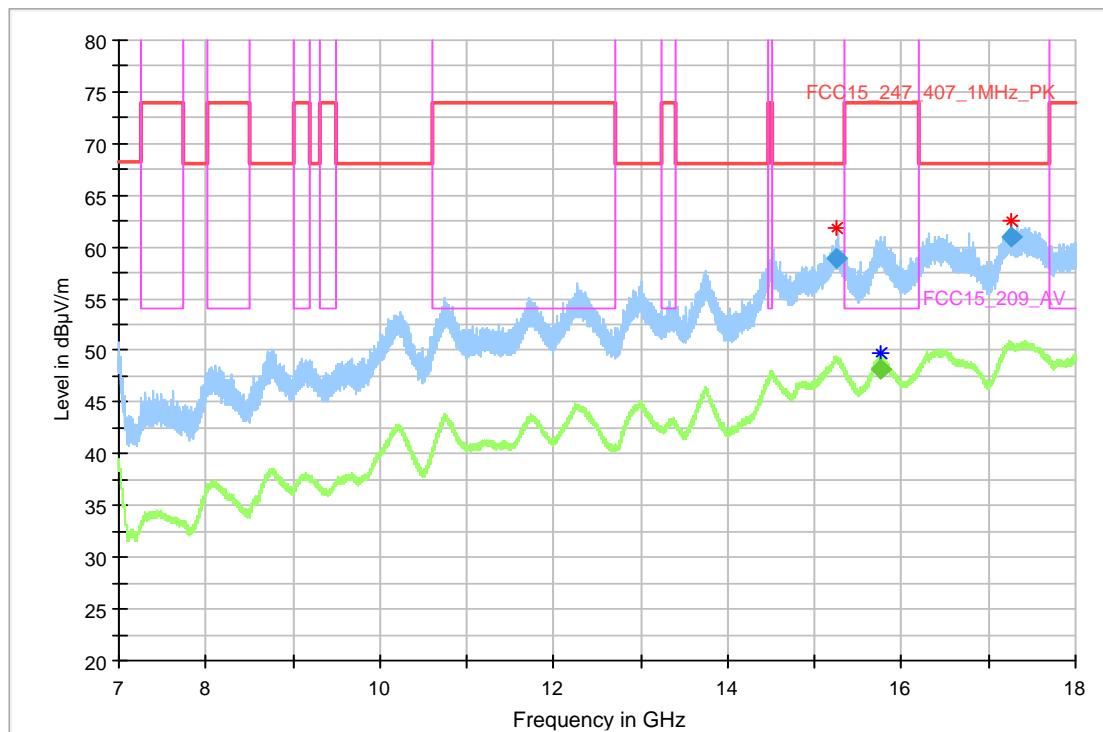
Common Information

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: | - |
| <hr/> | |
| 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

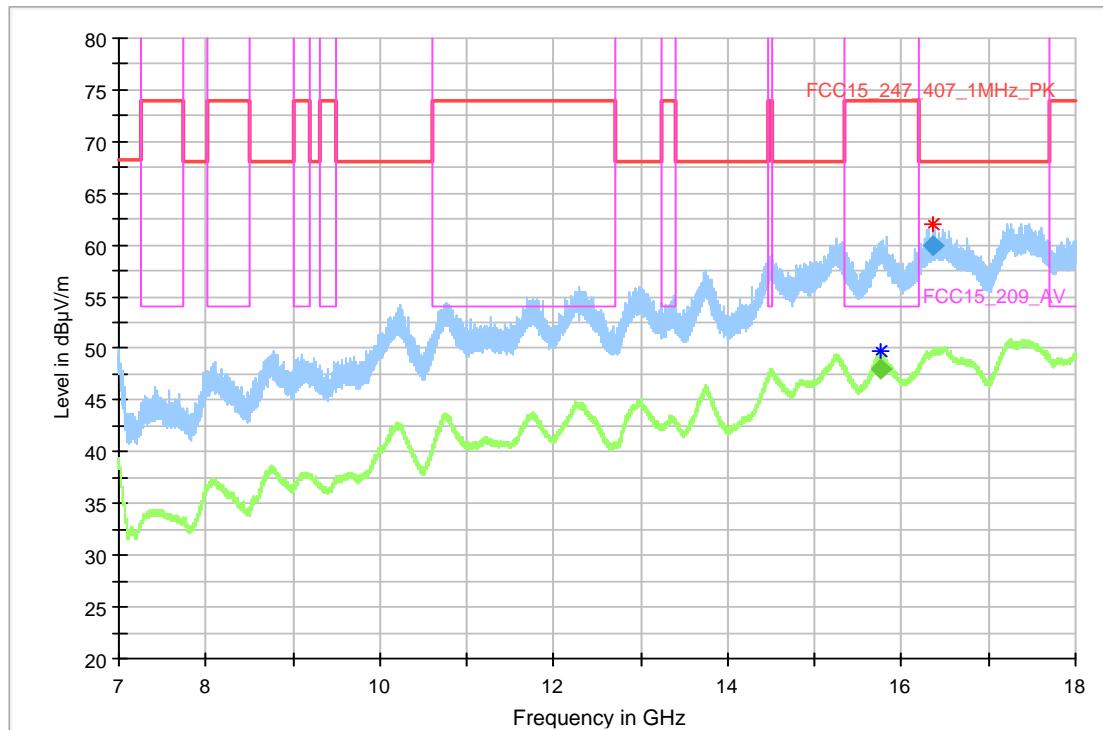
Common Information

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: KIV

EUT Information

| | |
|-----------------------|----------------------------------|
| Manufacturer: | Robert Bosch Car Multimedia GmbH |
| Model: | AIVIP32R0 |
| Type: | - |
| <hr/> | |
| 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) | Limit (dB μ V/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

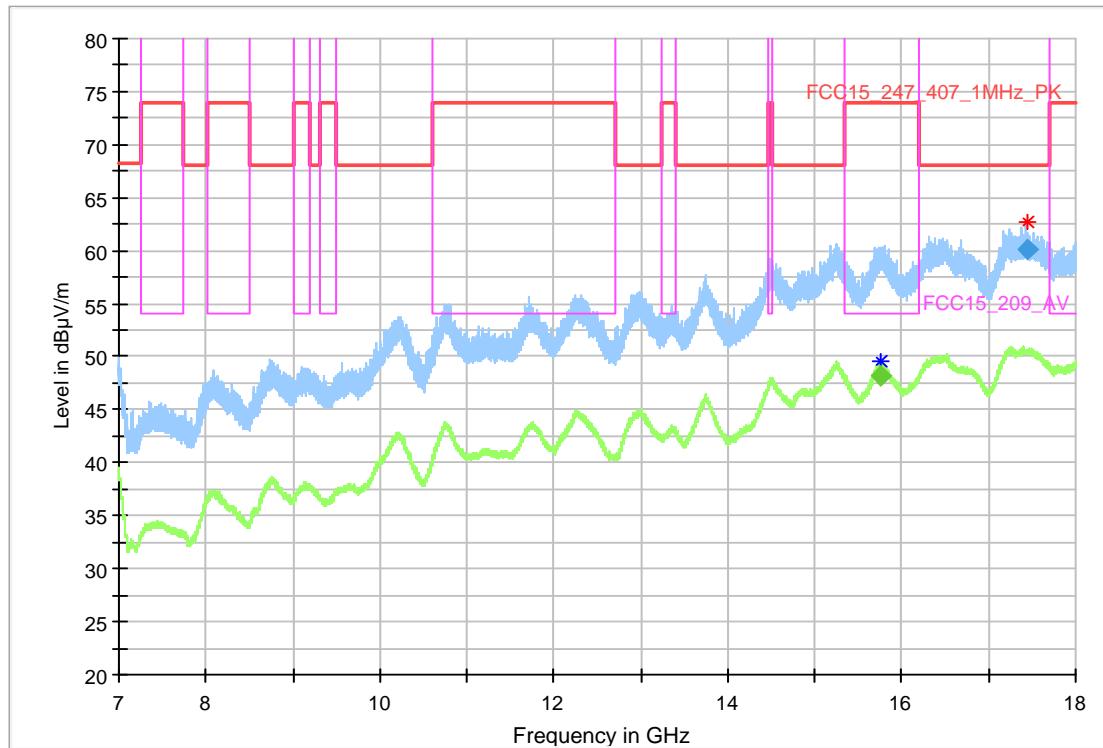
Common Information

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: KIV

EUT Information

| | |
|-----------------------|----------------------------------|
| Manufacturer: | Robert Bosch Car Multimedia GmbH |
| Model: | AIVIP32R0 |
| Type: | - |
| <hr/> | |
| 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

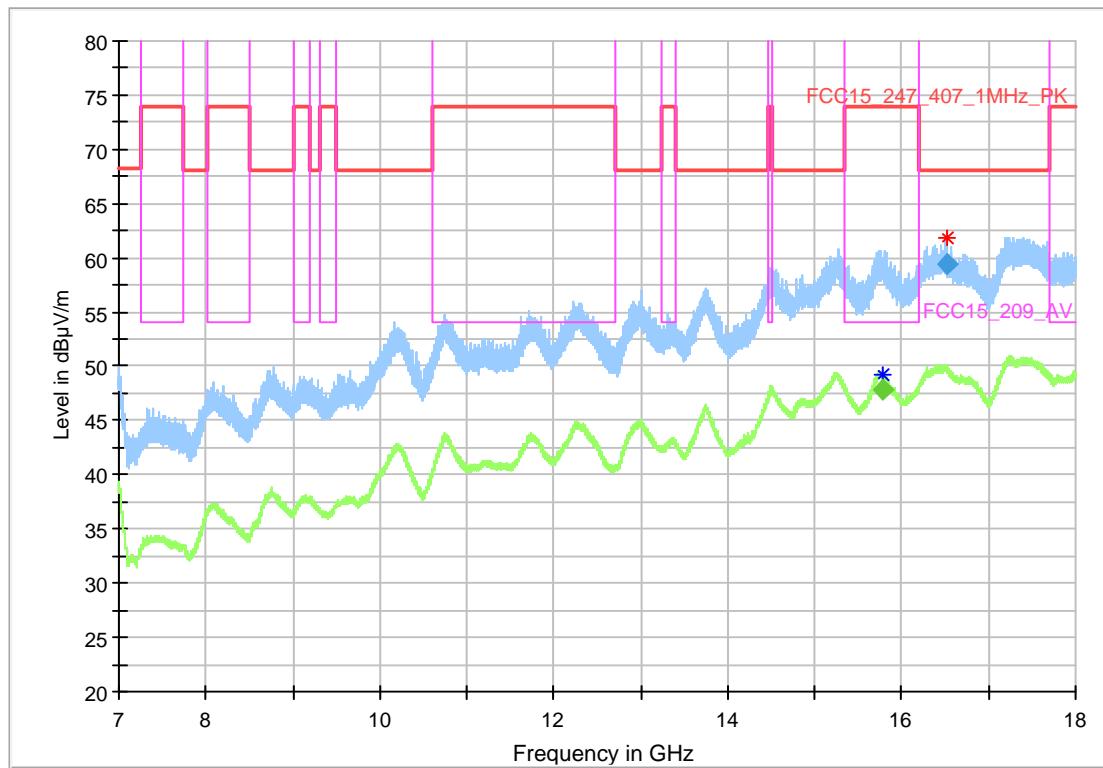
Common Information

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: | - |
| <hr/> | |
| 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 |

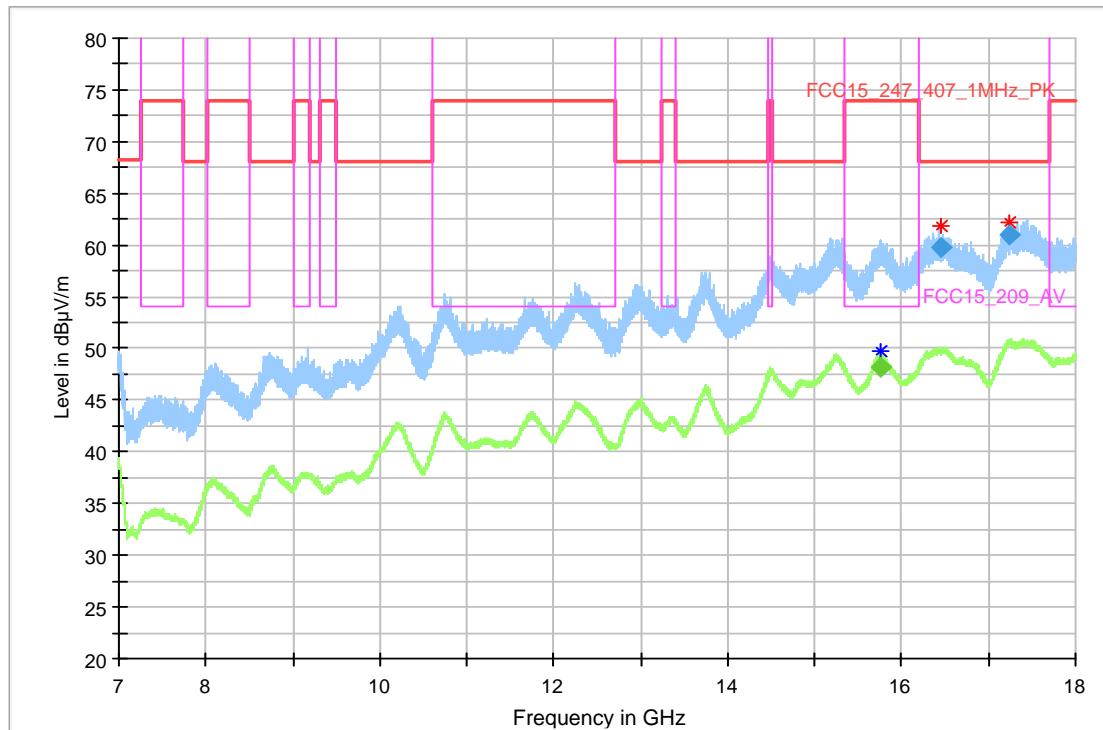
4.74a_WLAN_n_mode_40MHz_ch102**Common Information**

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: | - |
| <hr/> | |
| 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) | Margi n (dB) | Meas. Time (ms) | Bandwidth (kHz) | Heigh t (cm) | Pol | Azimut h (deg) | Elevatio n (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

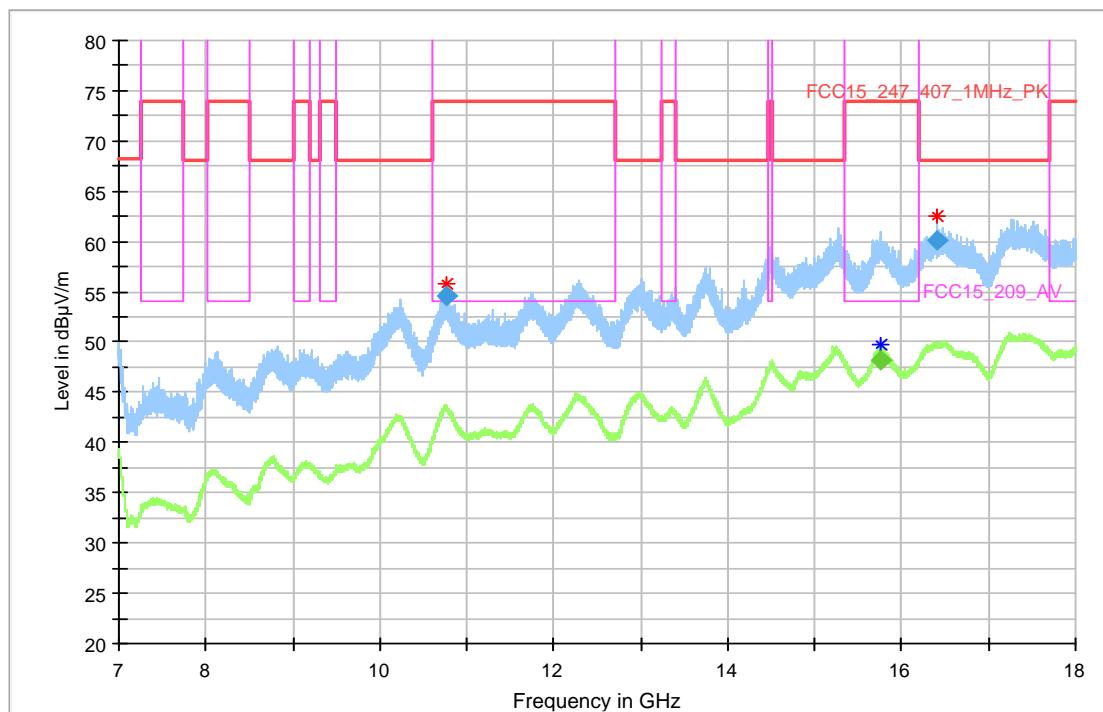
Common Information

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: | - |
| <hr/> | |
| 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

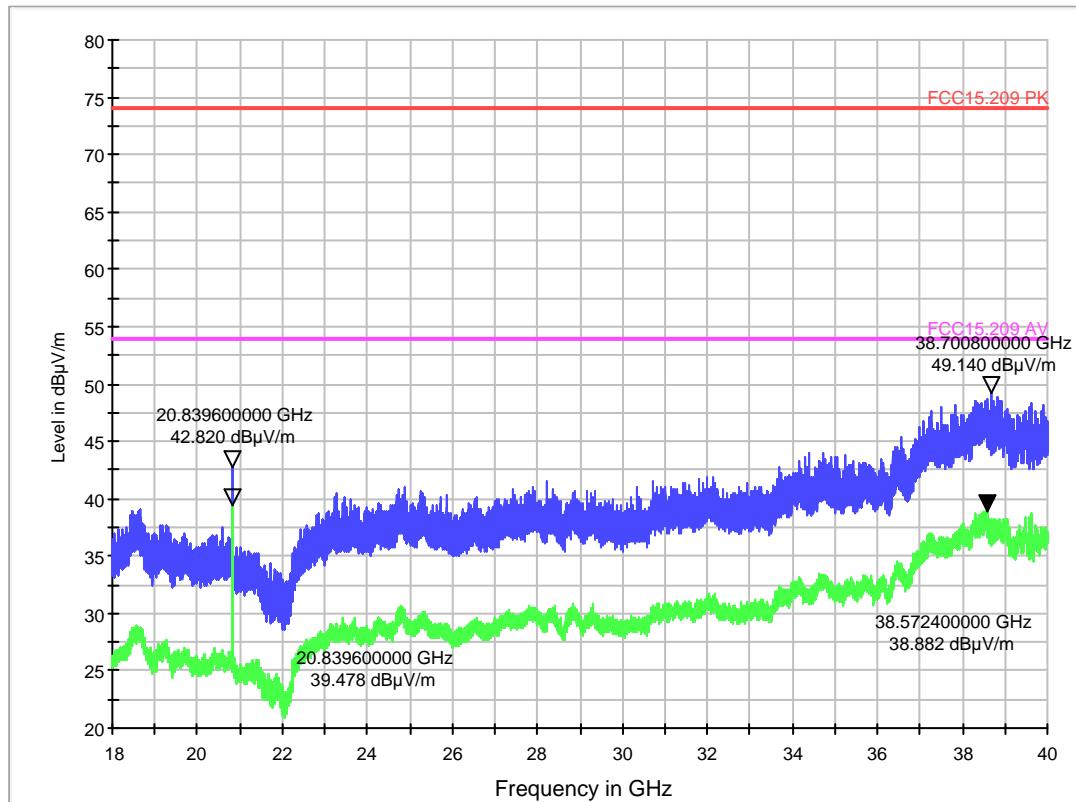


Diagram No.: 4.52b_WLAN_ac_mode_80MHz_ch58

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

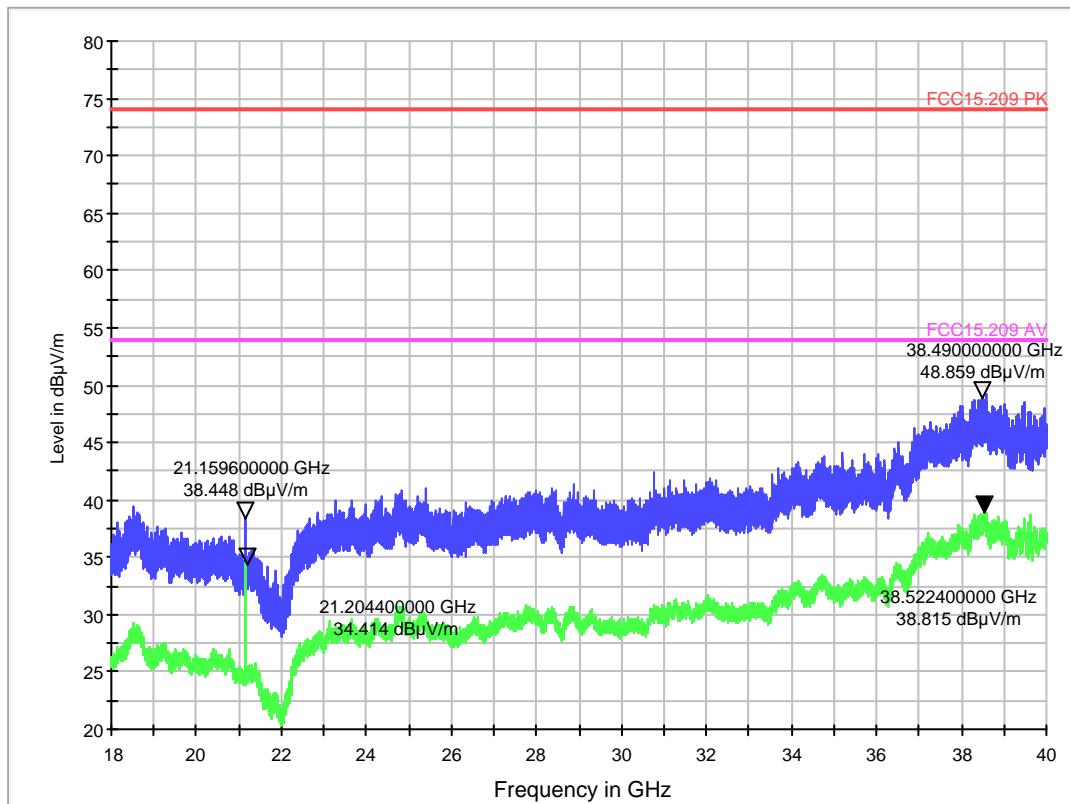


Diagram No.: 4.53b_WLAN_ac_mode_80MHz_ch106

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

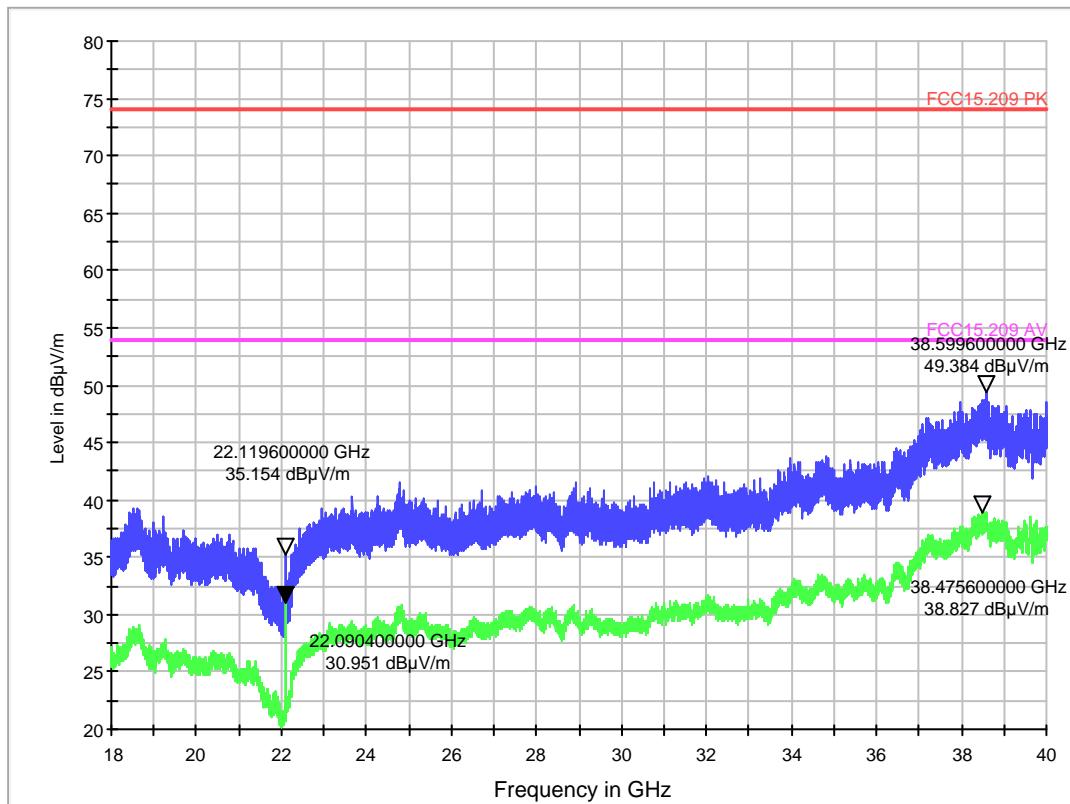


Diagram No.: 4.54b_WLAN_ac_mode_80MHz_ch122**Common Information**

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

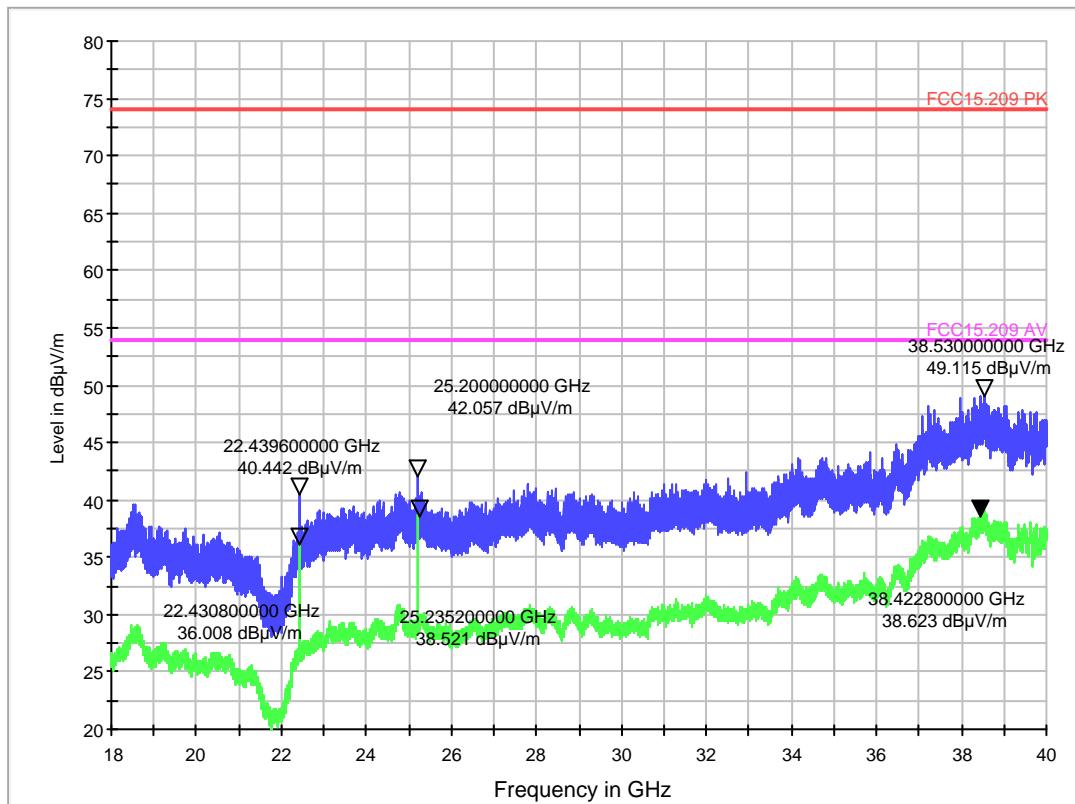


Diagram No.: 4.55b_WLAN_ac_mode_80MHz_ch155

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

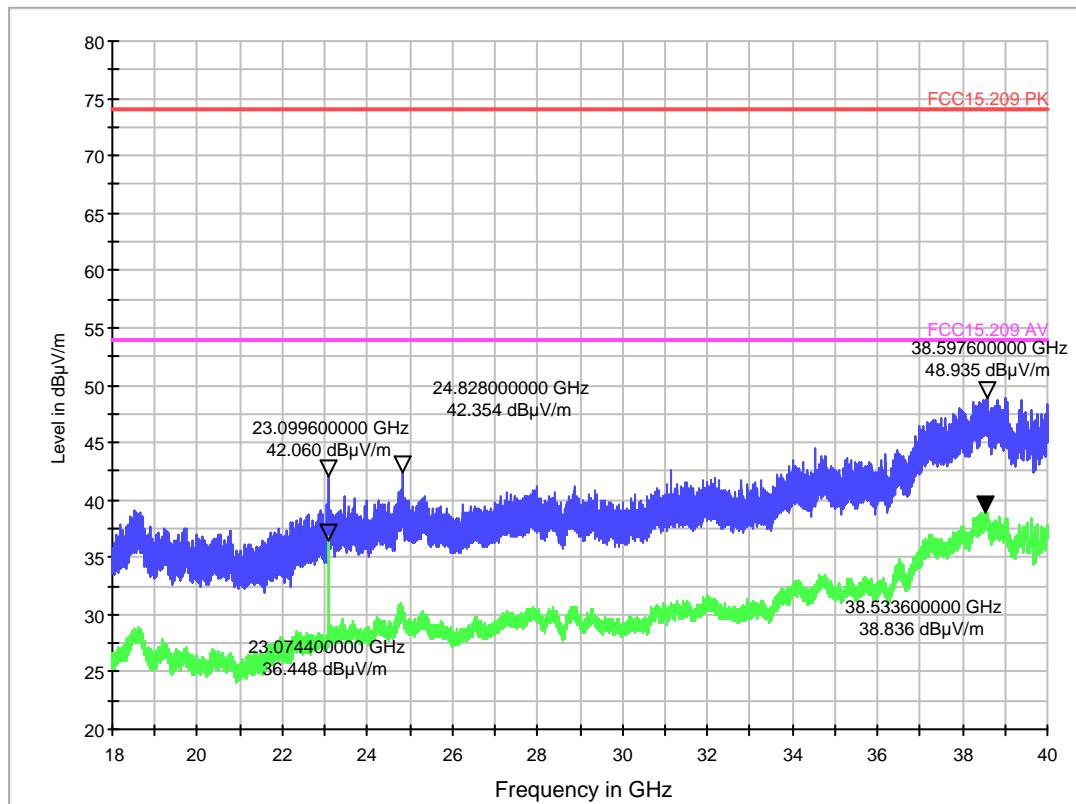


Diagram No.: 4.56b_WLAN_ac_mode_40MHz_ch46

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

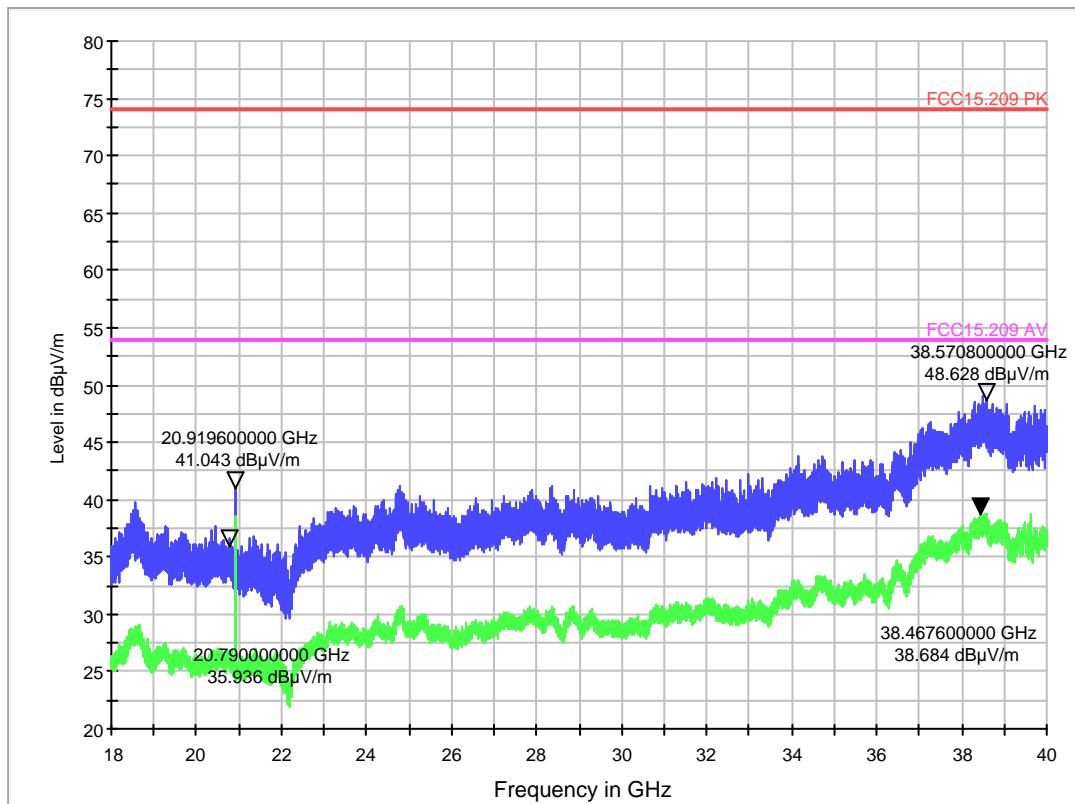


Diagram No.: 4.57b_WLAN_ac_mode_40MHz_ch62

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

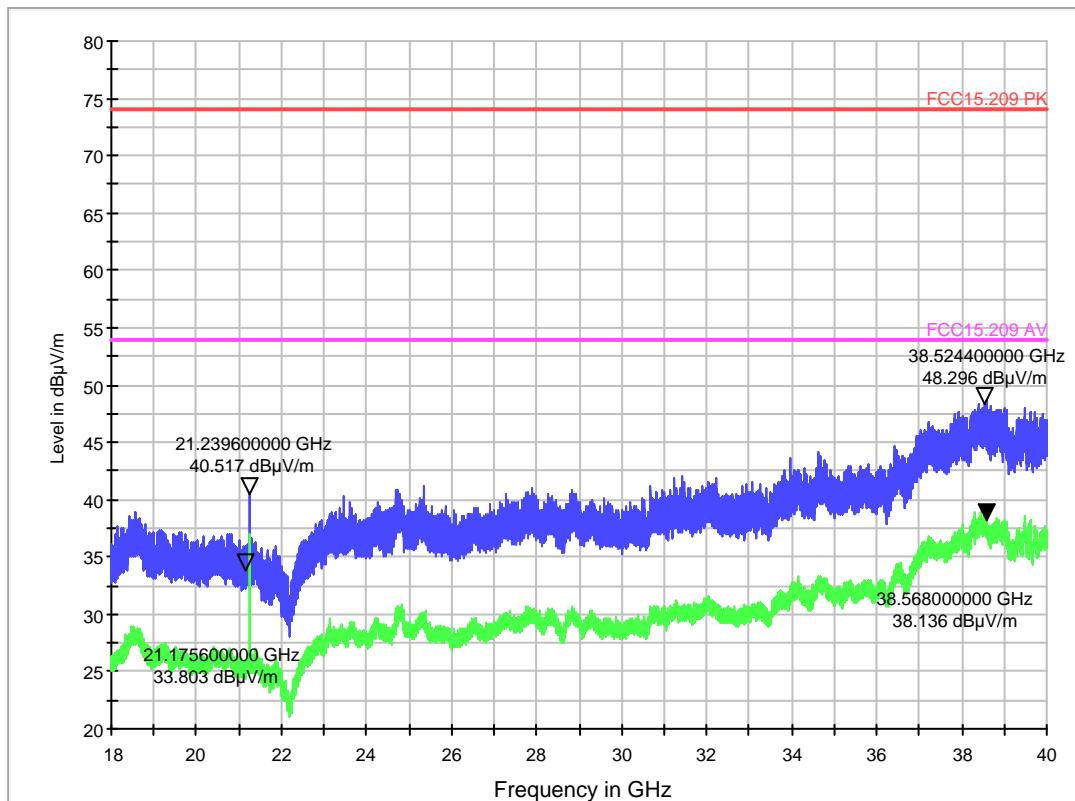


Diagram No.: 4.58b_WLAN_ac_mode_40MHz_ch134

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

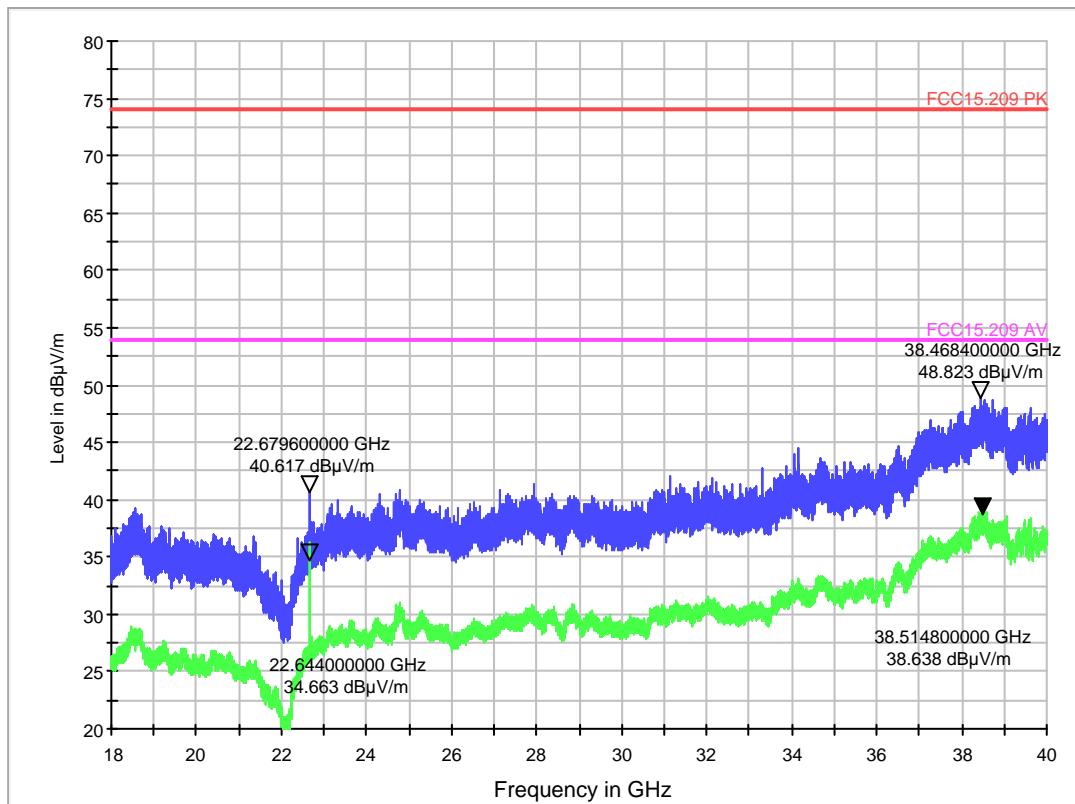


Diagram No.: 4.59b_WLAN_ac_mode_40MHz_ch159

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

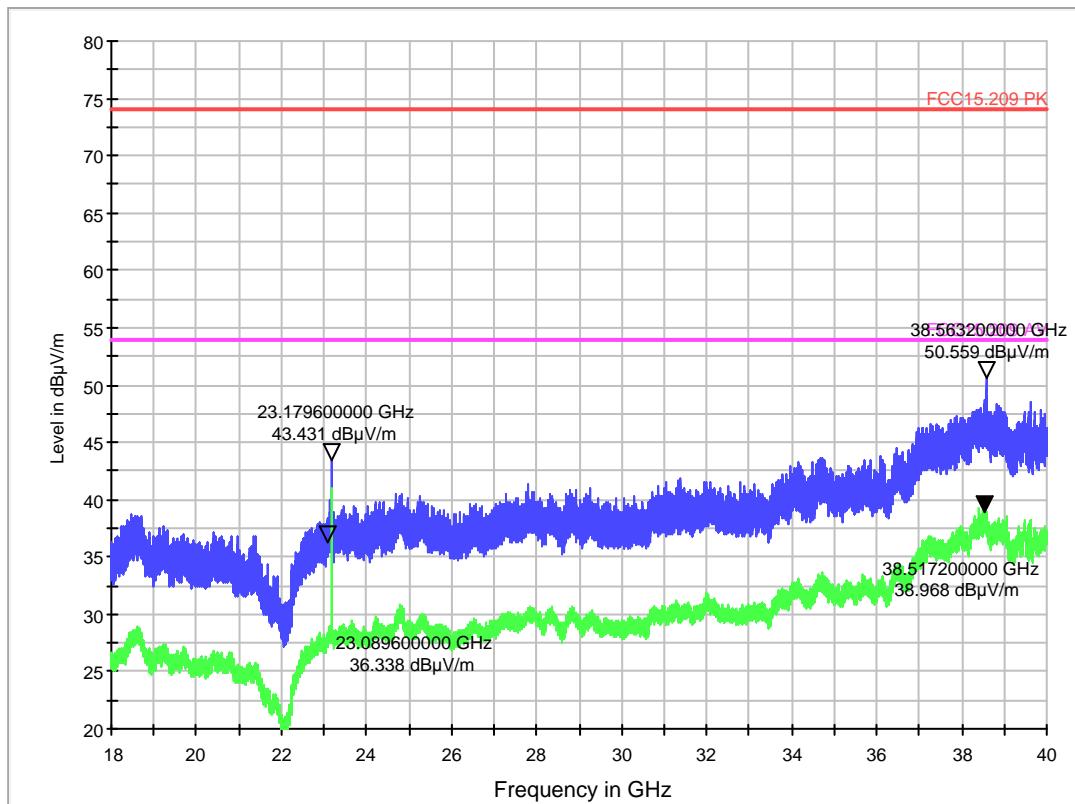


Diagram No.: 4.60b_WLAN_a_mode_20MHz_ch48

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

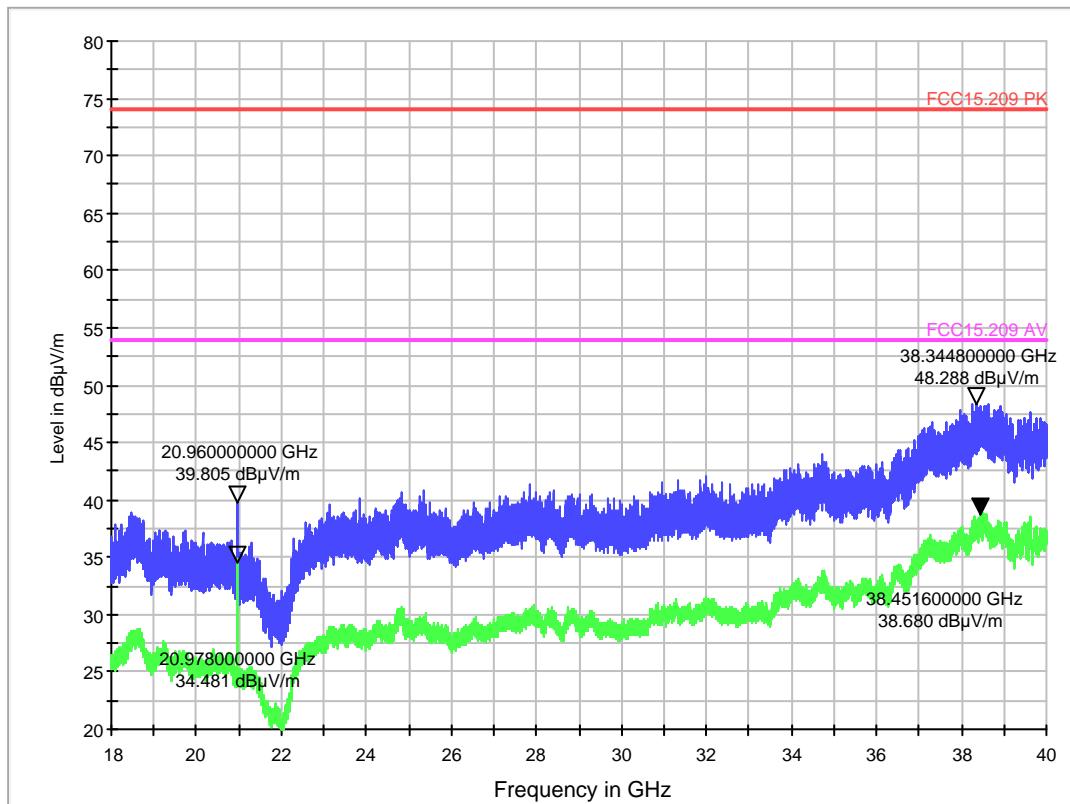


Diagram No.: 4.61b_WLAN_a_mode_20MHz_ch64

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

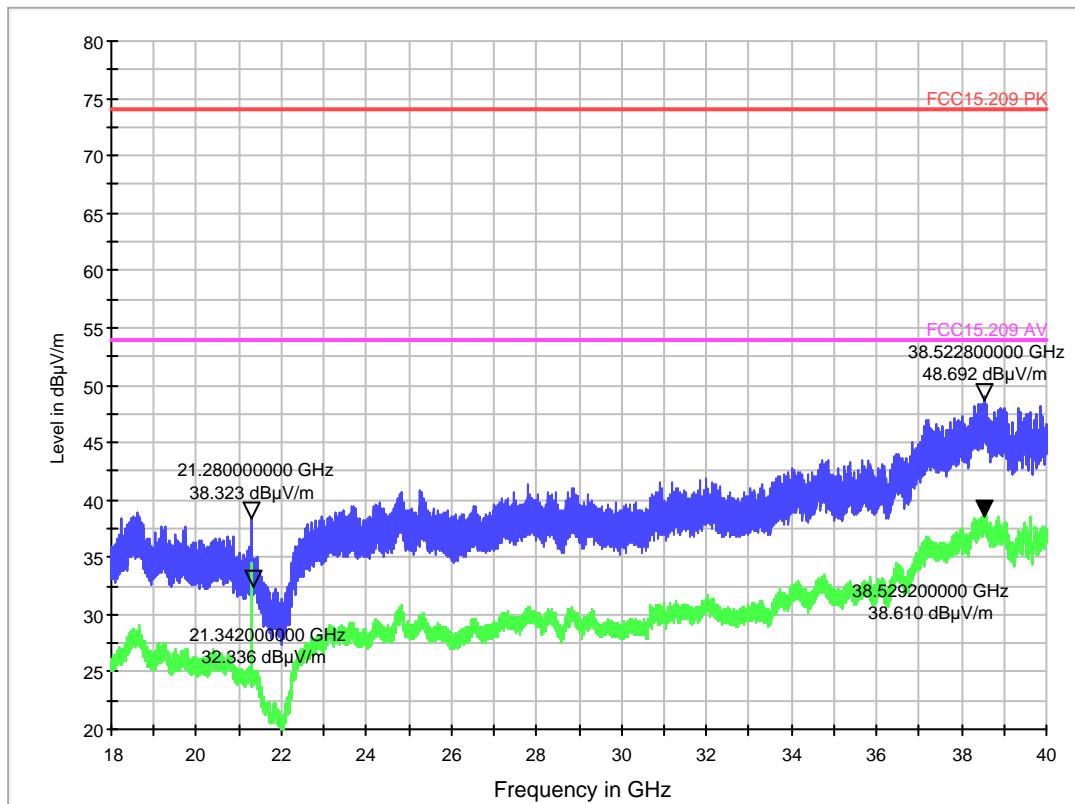


Diagram No.: 4.62a_WLAN_a_mode_20MHz_ch140

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

EMI Scan_18_40GHz_Pre

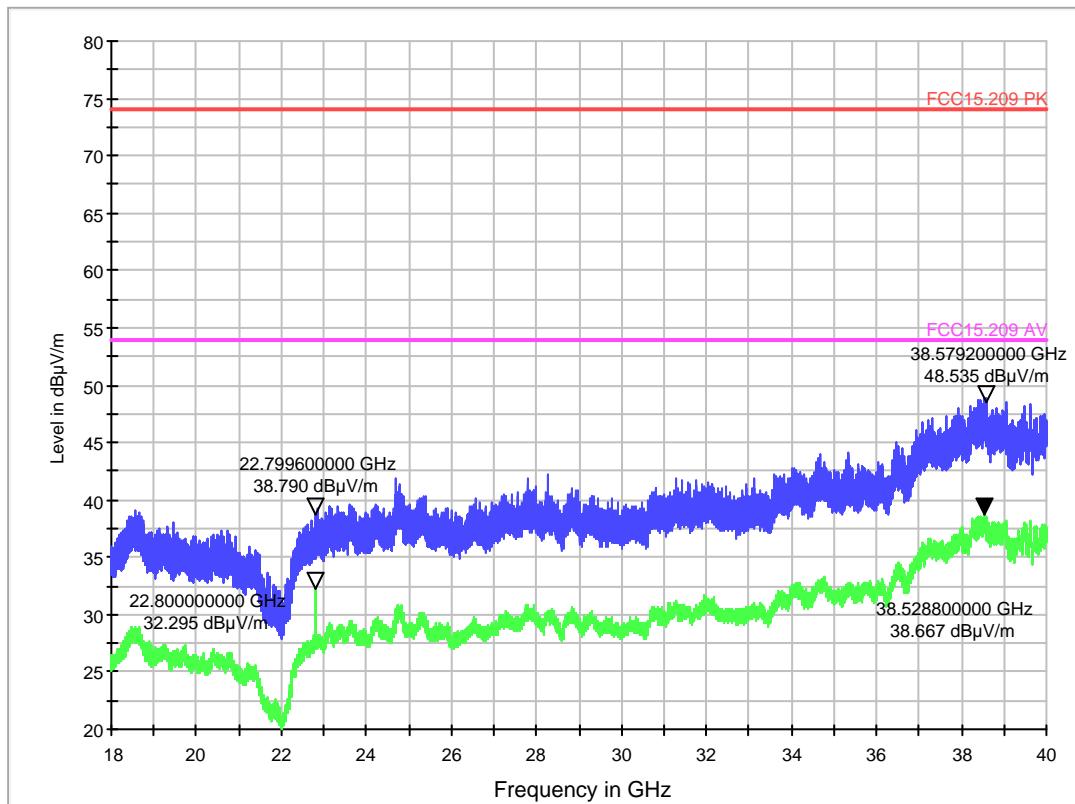


Diagram No.: 4.63b_WLAN_a_mode_20MHz_ch165

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

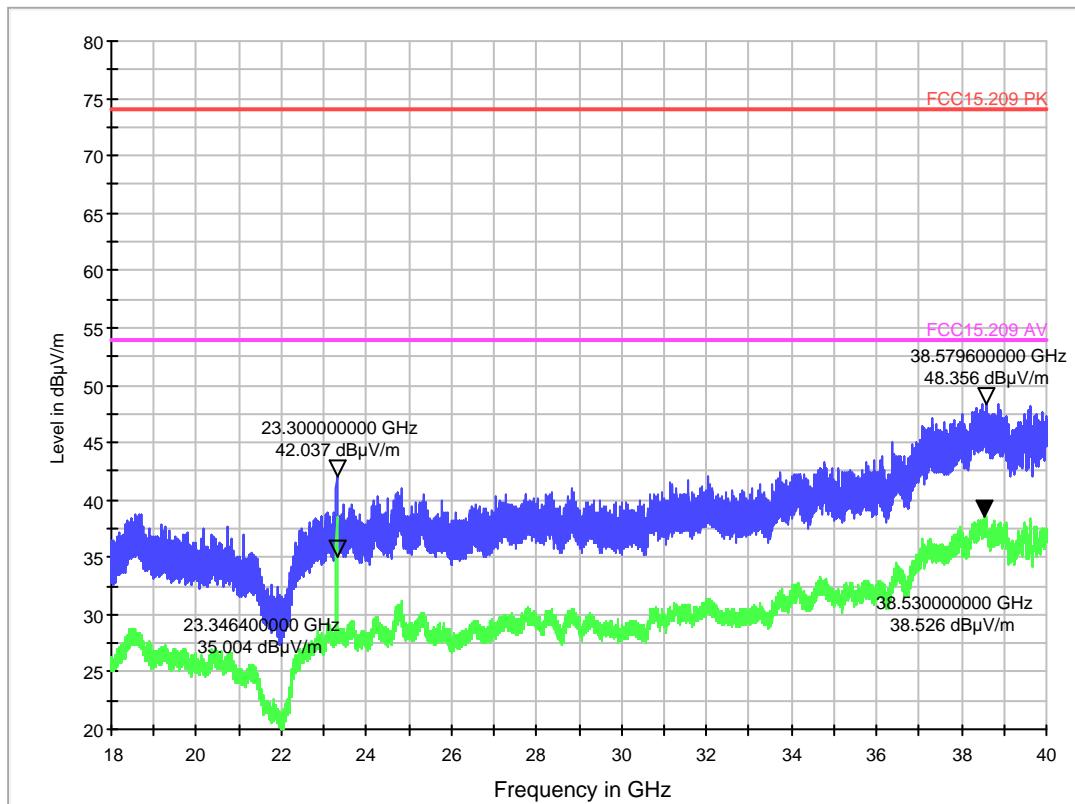


Diagram No.: 4.64b_WLAN_n_mode_20MHz_ch48

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

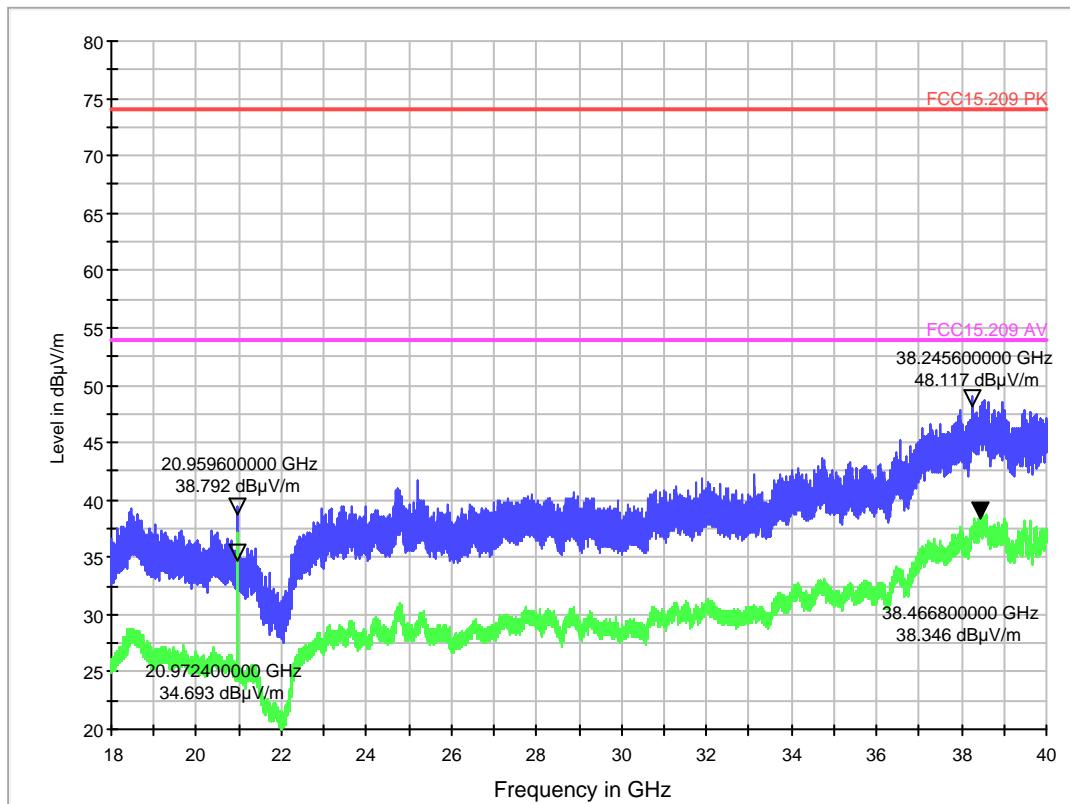


Diagram No.: 4.65b_WLAN_n_mode_20MHz_ch64

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

EMI Scan_18_40GHz_Pre

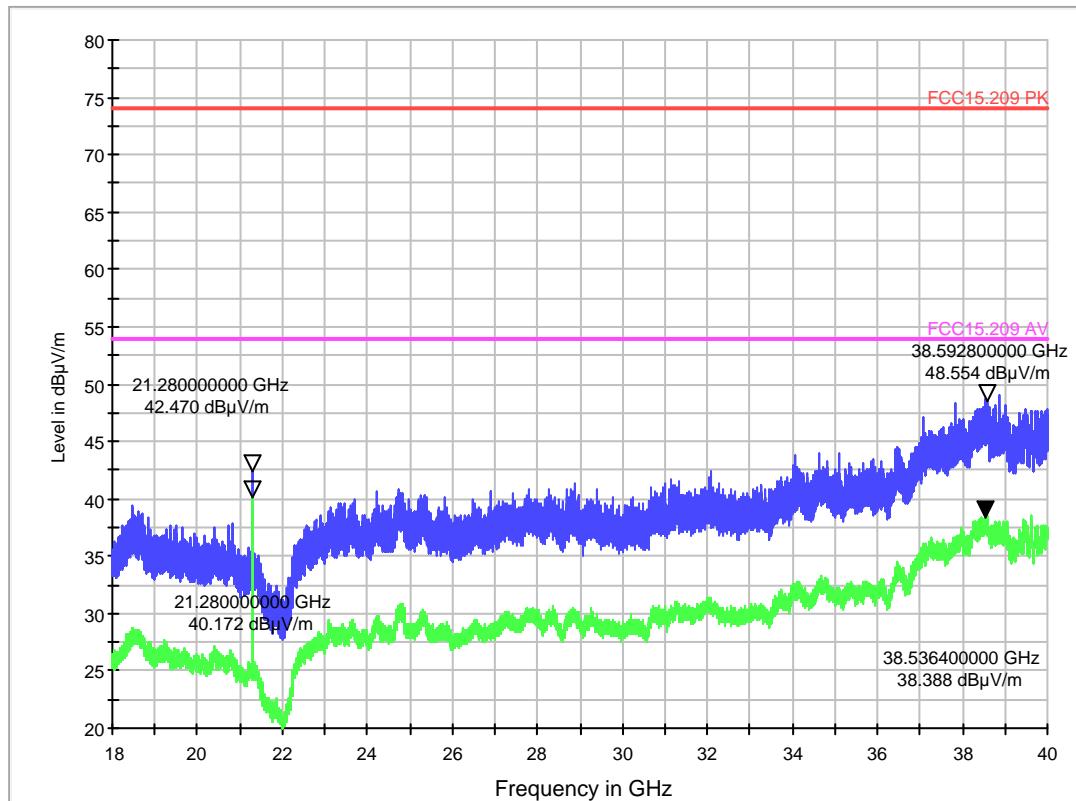


Diagram No.: 4.66b_WLAN_n_mode_20MHz_ch100

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

EMI Scan_18_40GHz_Pre

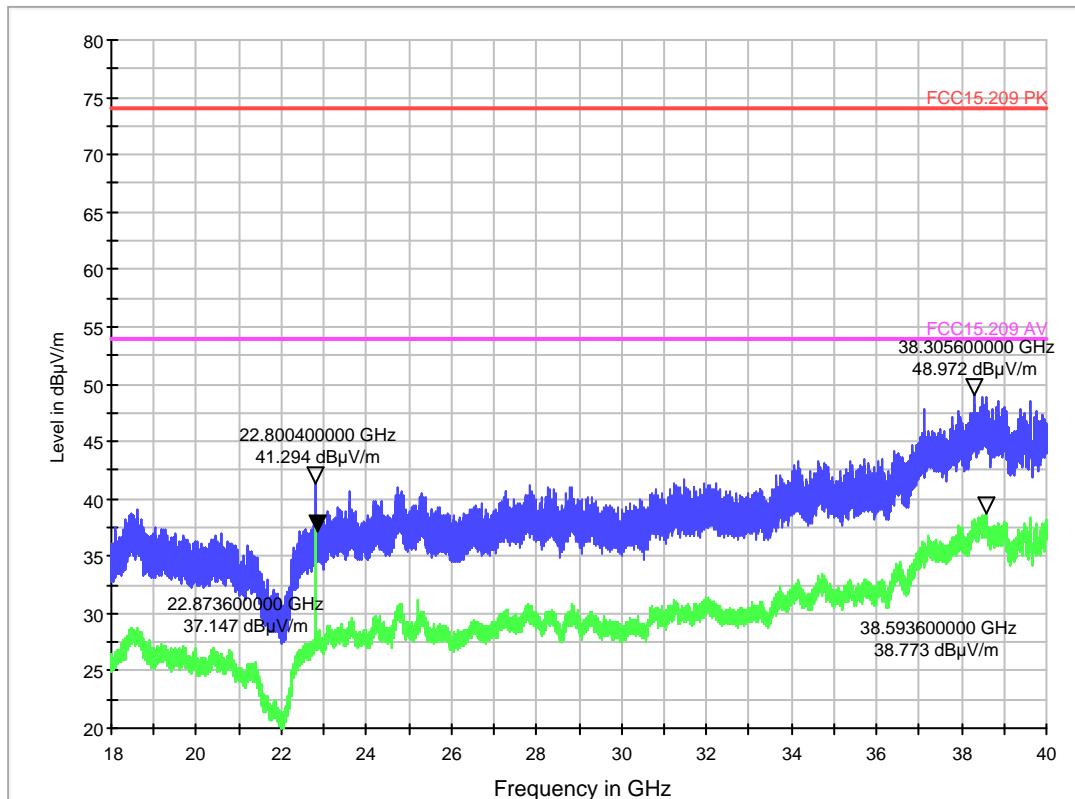


Diagram No.: 4.67b_WLAN_n_mode_20MHz_ch165

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

EMI Scan_18_40GHz_Pre

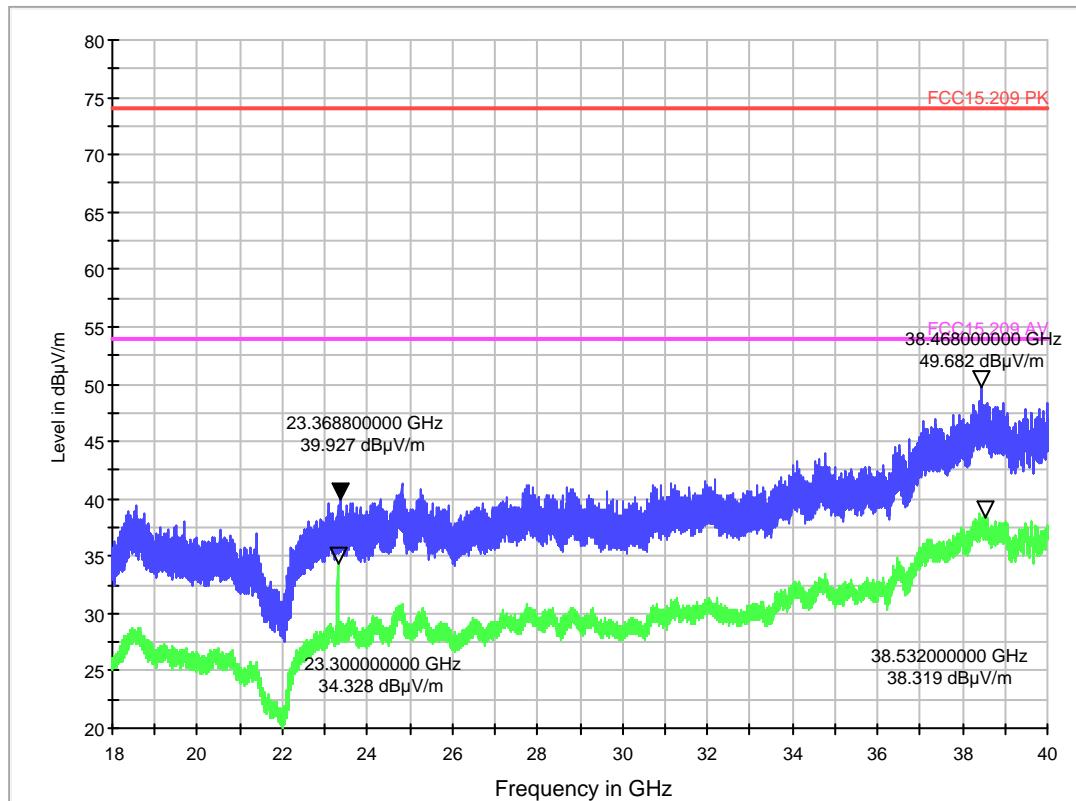


Diagram No.: 4.68b_WLAN_ac_mode_20MHz_ch48

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

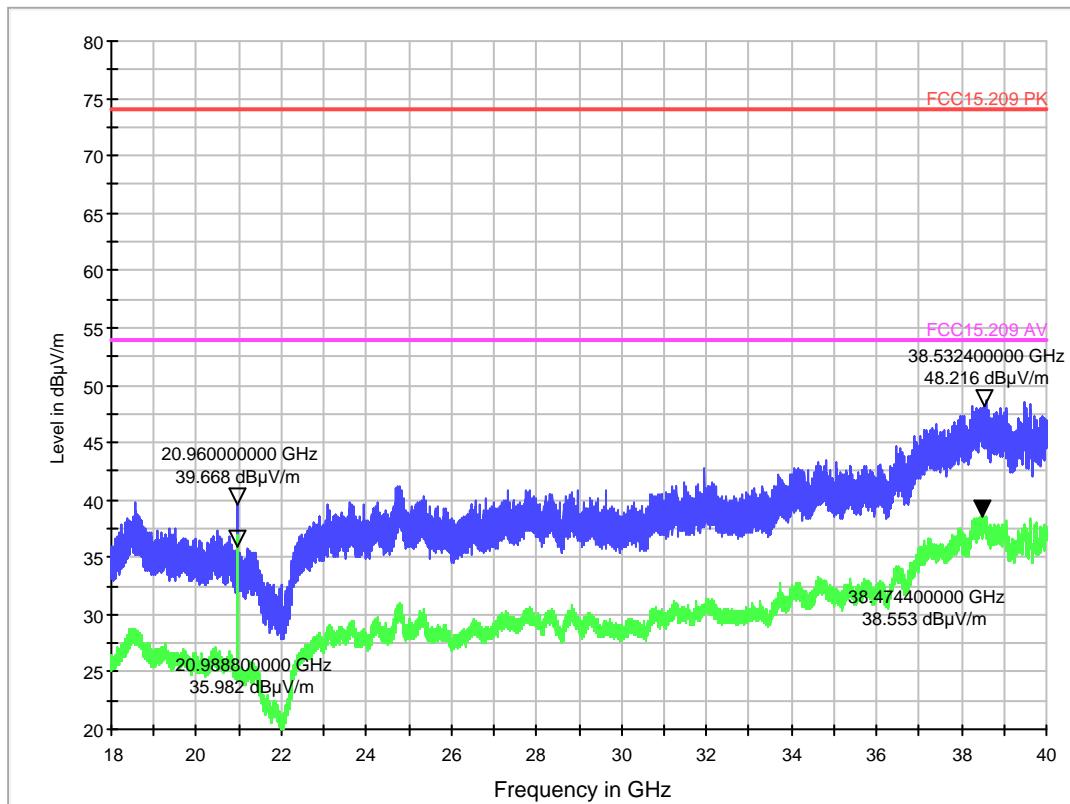


Diagram No.: 4.69b_WLAN_ac_mode_20MHz_ch64

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

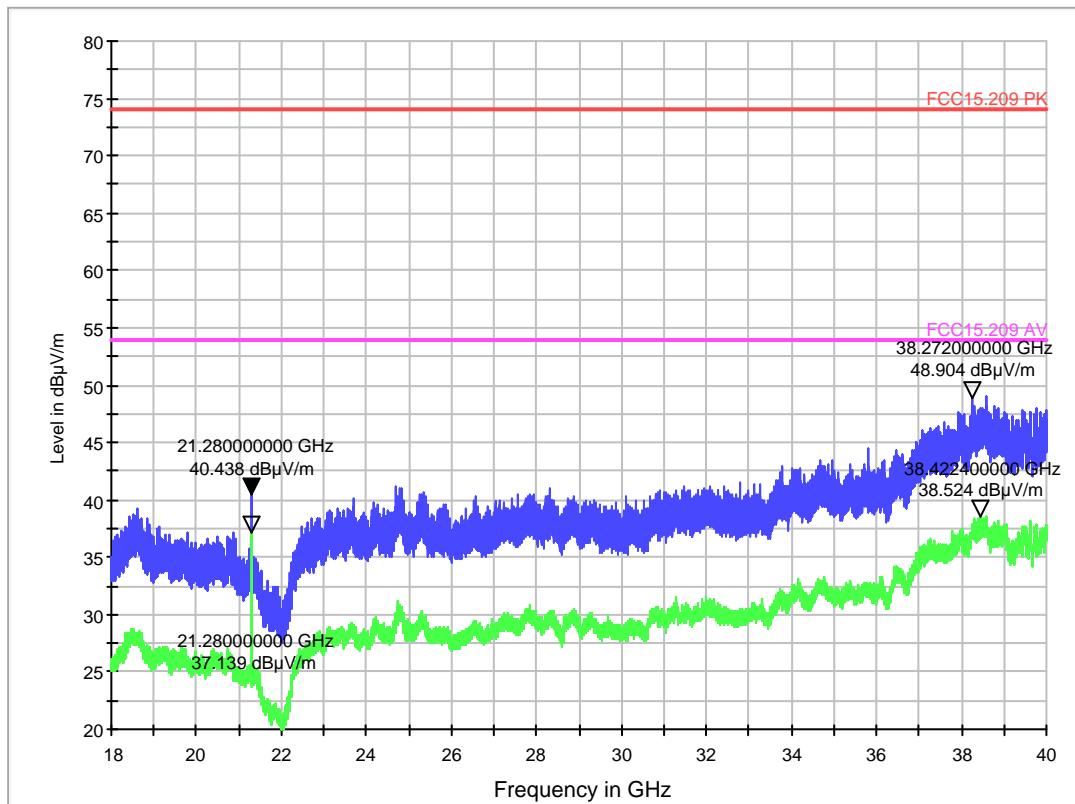


Diagram No.: 4.70b_WLAN_ac_mode_20MHz_ch100

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

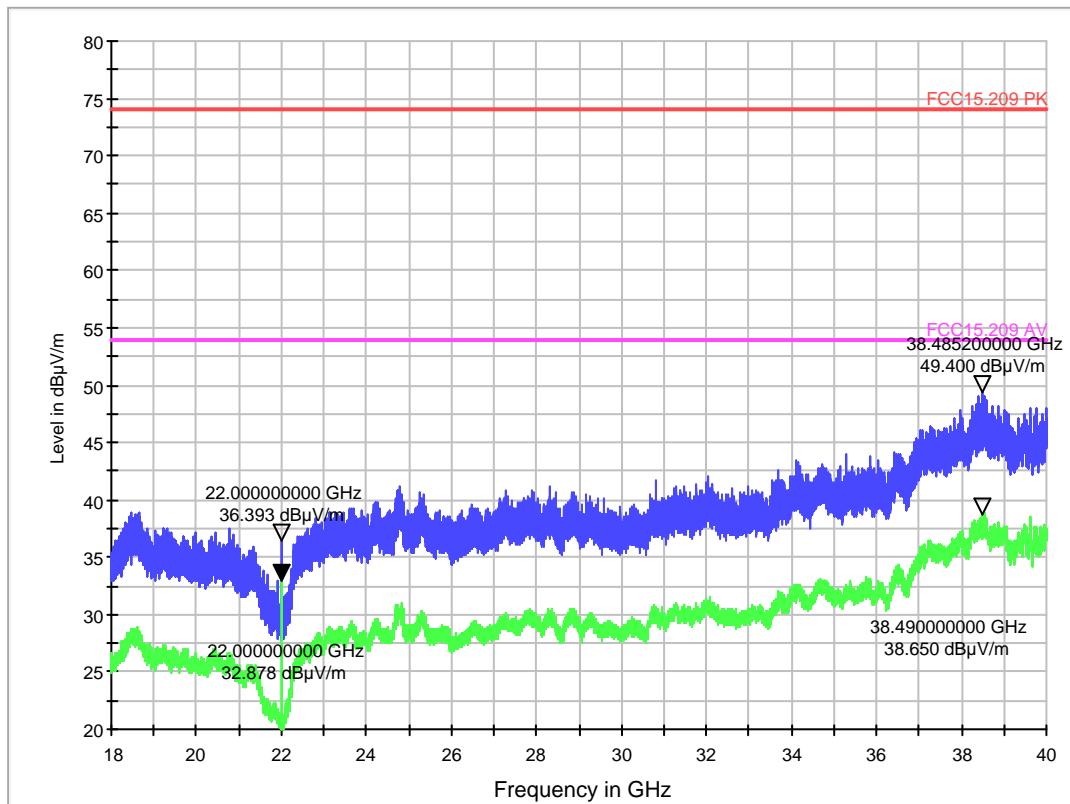


Diagram No.: 4.71b_WLAN_ac_mode_20MHz_ch149

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

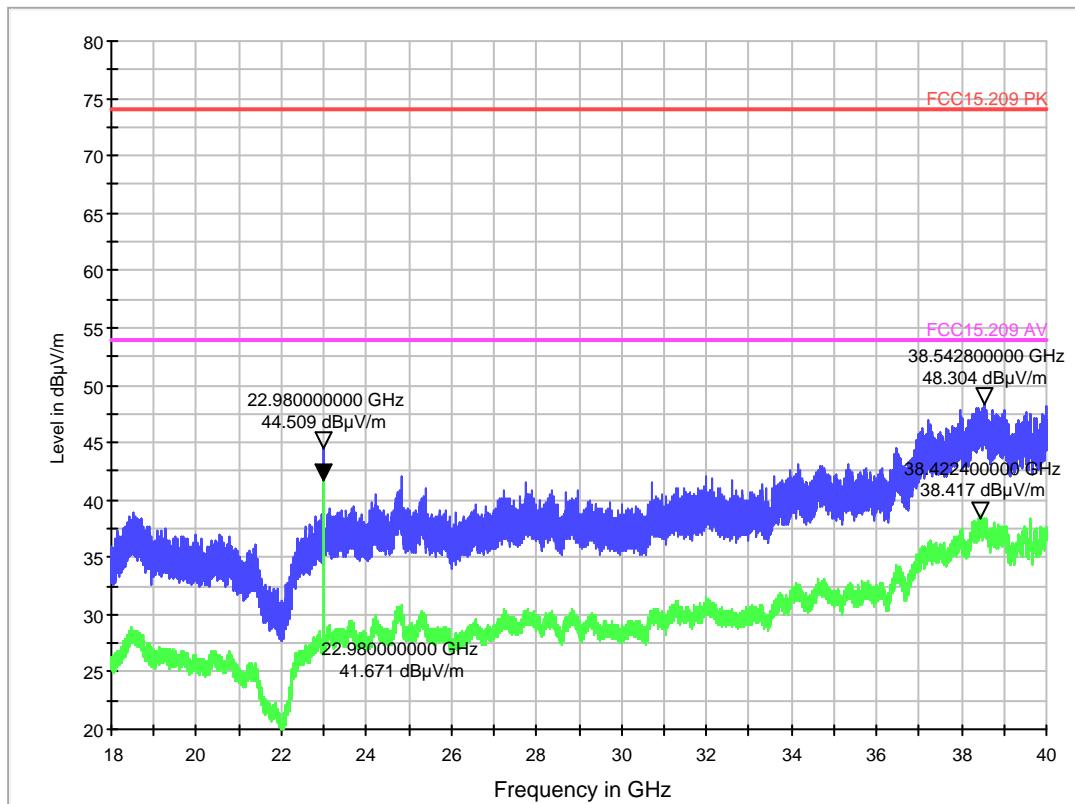


Diagram No.: 4.72b_WLAN_n_mode_40MHz_ch46

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

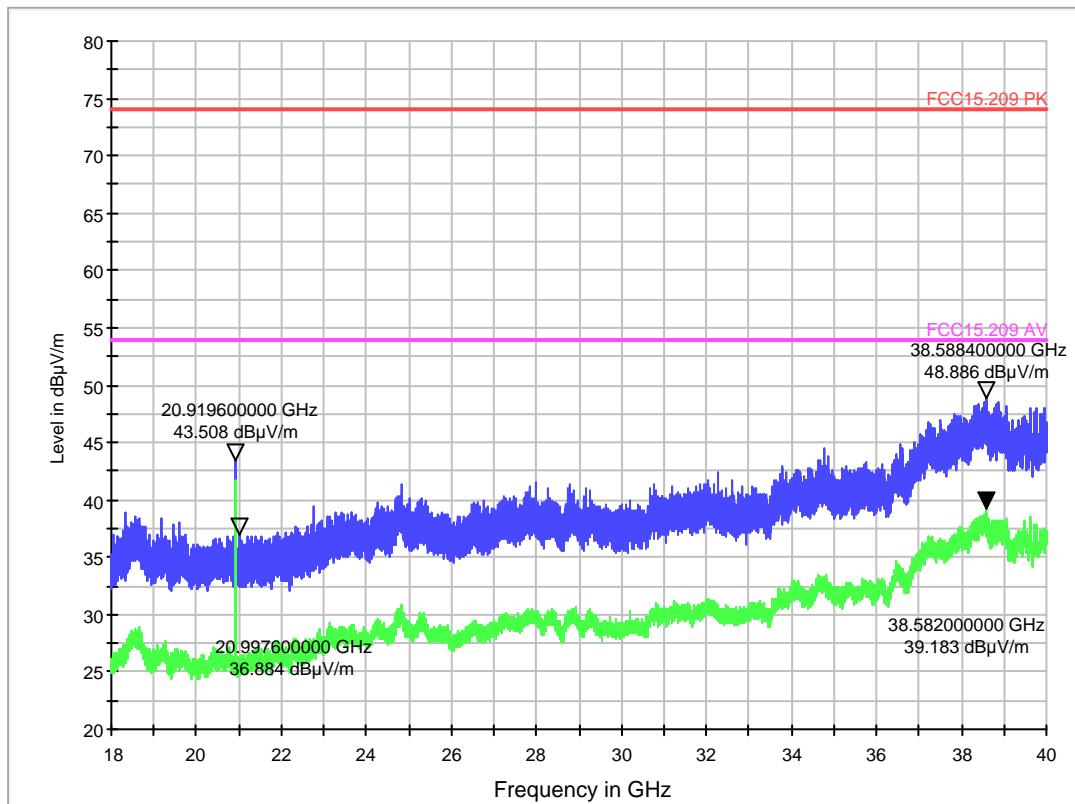


Diagram No.: 4.73b_WLAN_n_mode_40MHz_ch62

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

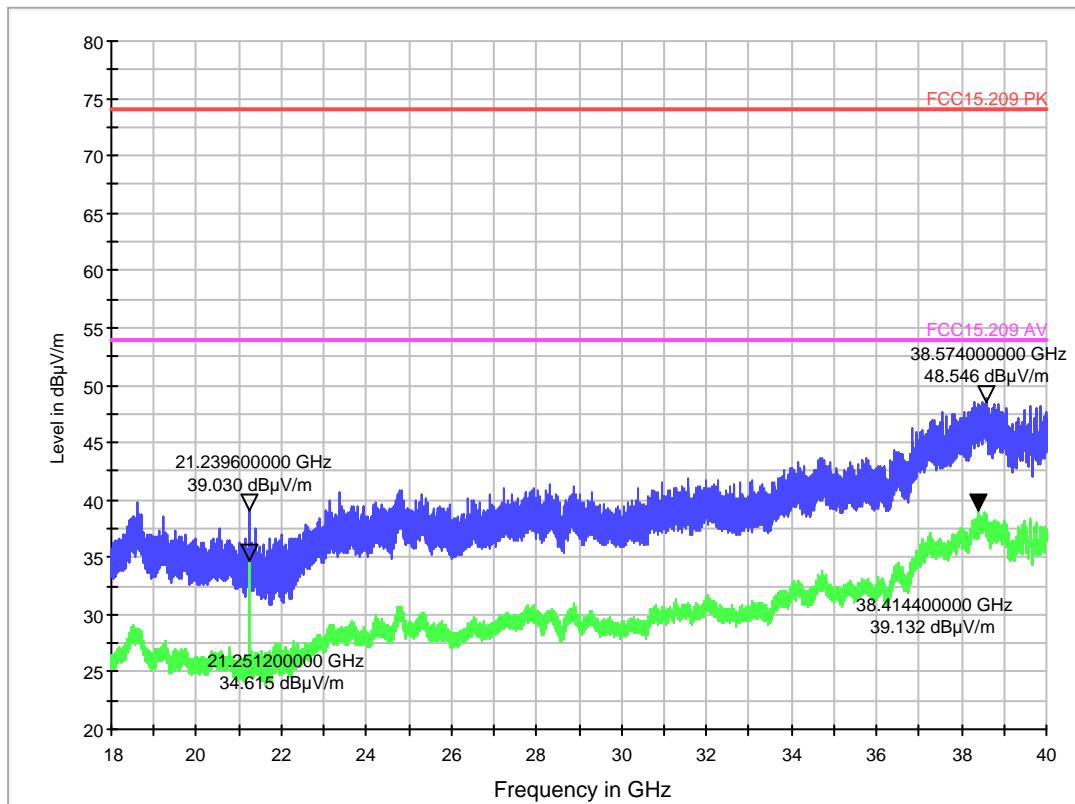


Diagram No.: 4.74b_WLAN_n_mode_40MHz_ch102

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

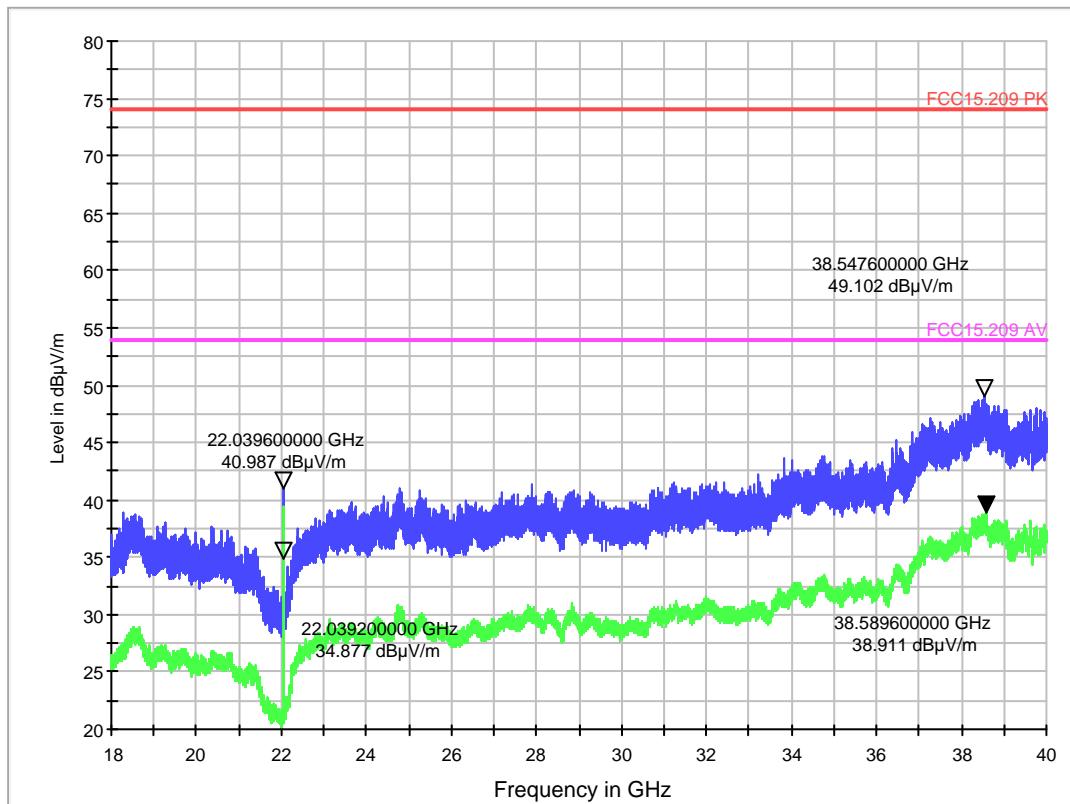


Diagram No.: 4.75b_WLAN_n_mode_40MHz_ch151

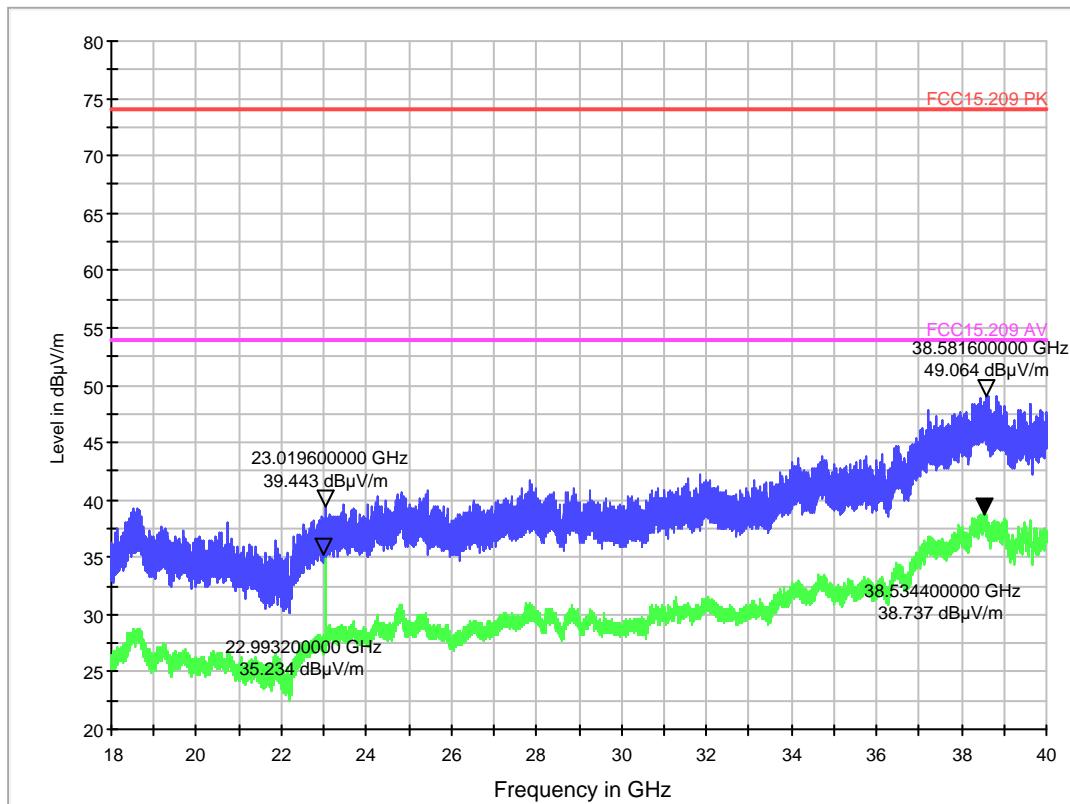
Common Information

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

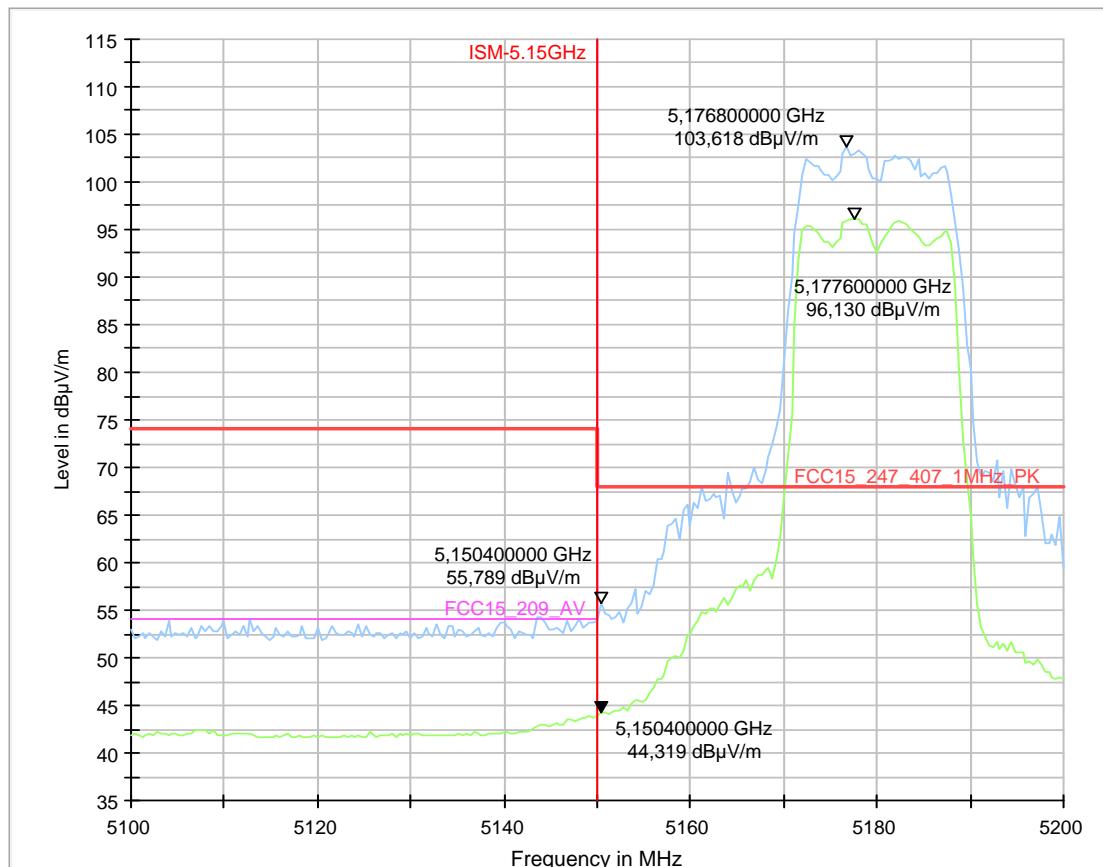
Common Information

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: RIs
 Comment:

EUT Information

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

Full Spectrum



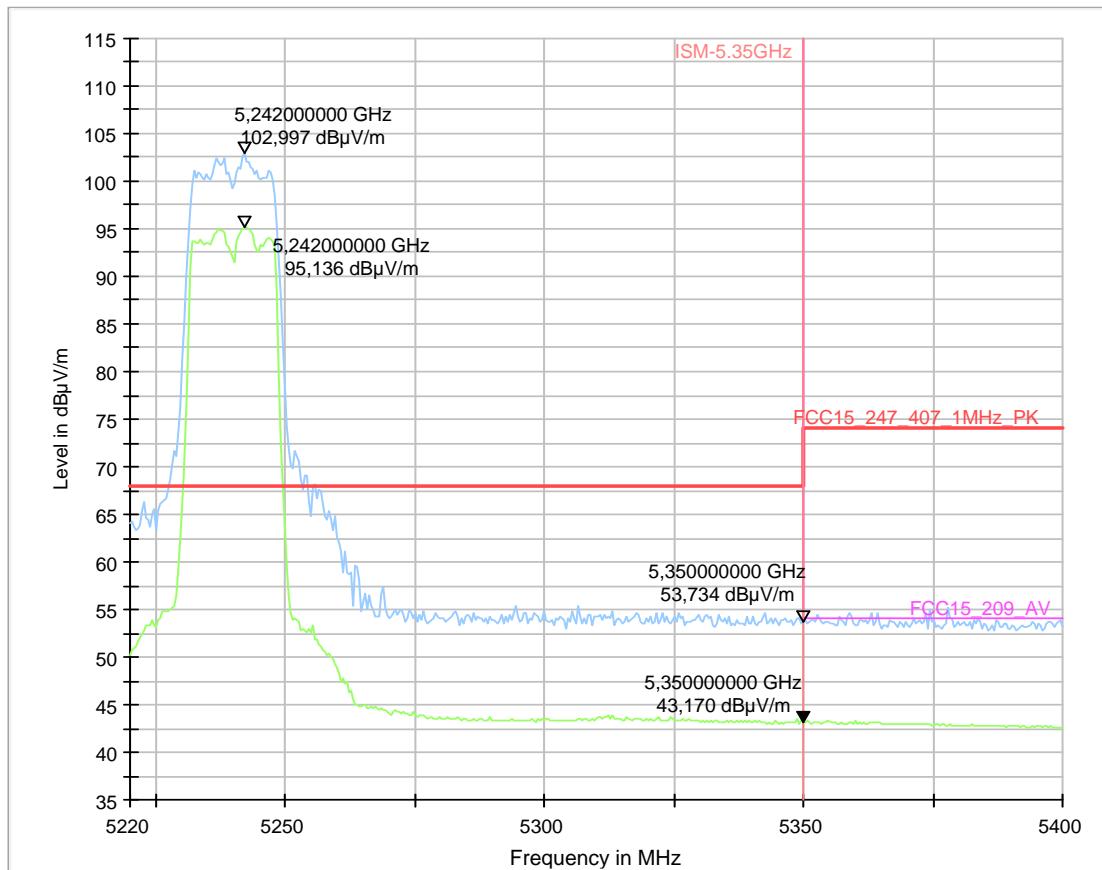
9.02_BE_11a_ch48_20MHz_6Mbit**Common Information**

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: RIIs
 Comment:

EUT Information

| | |
|-----------------------|----------------------------------|
| Manufacturer: | Robert Bosch Car Multimedia GmbH |
| Model: | AIVIP32R0 |
| Type: | - |
| <hr/> | |
| 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

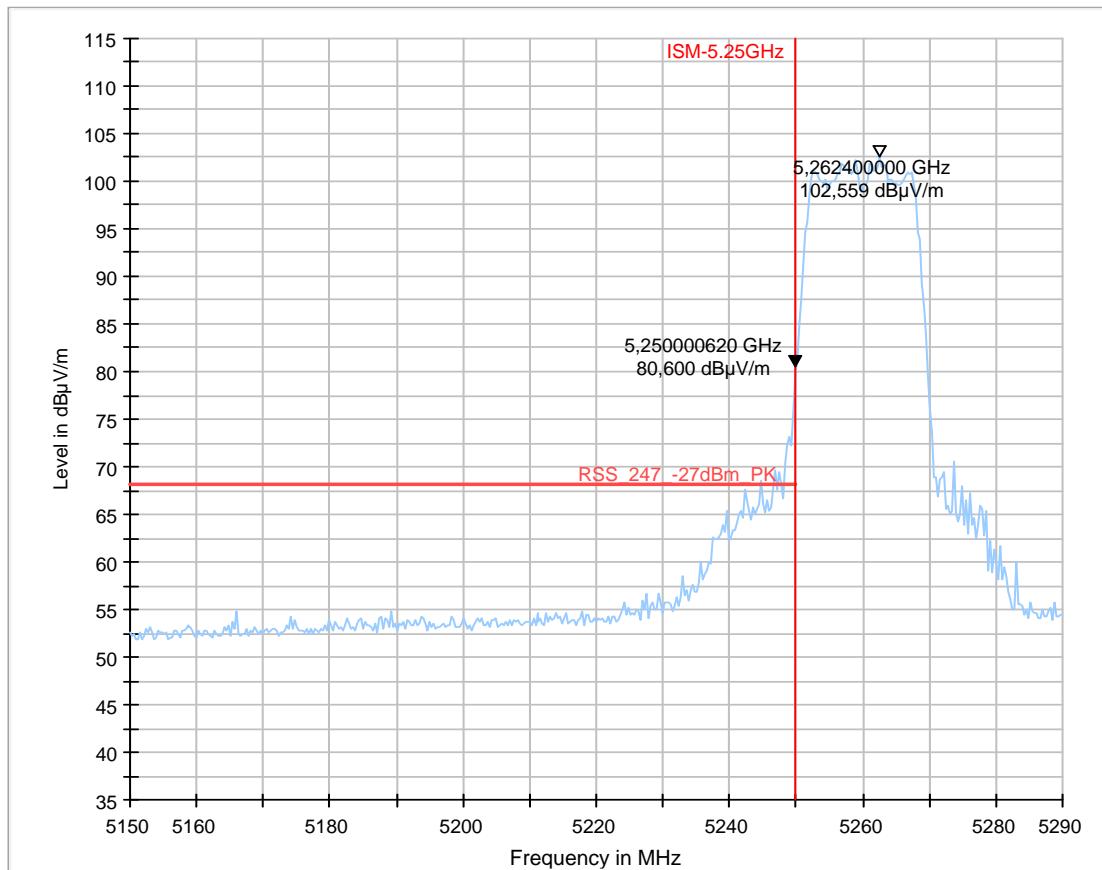
Common Information

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: RIIs
 Comment:

EUT Information

| | |
|-----------------------|----------------------------------|
| Manufacturer: | Robert Bosch Car Multimedia GmbH |
| Model: | AIVIP32R0 |
| Type: | - |
| <hr/> | |
| 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

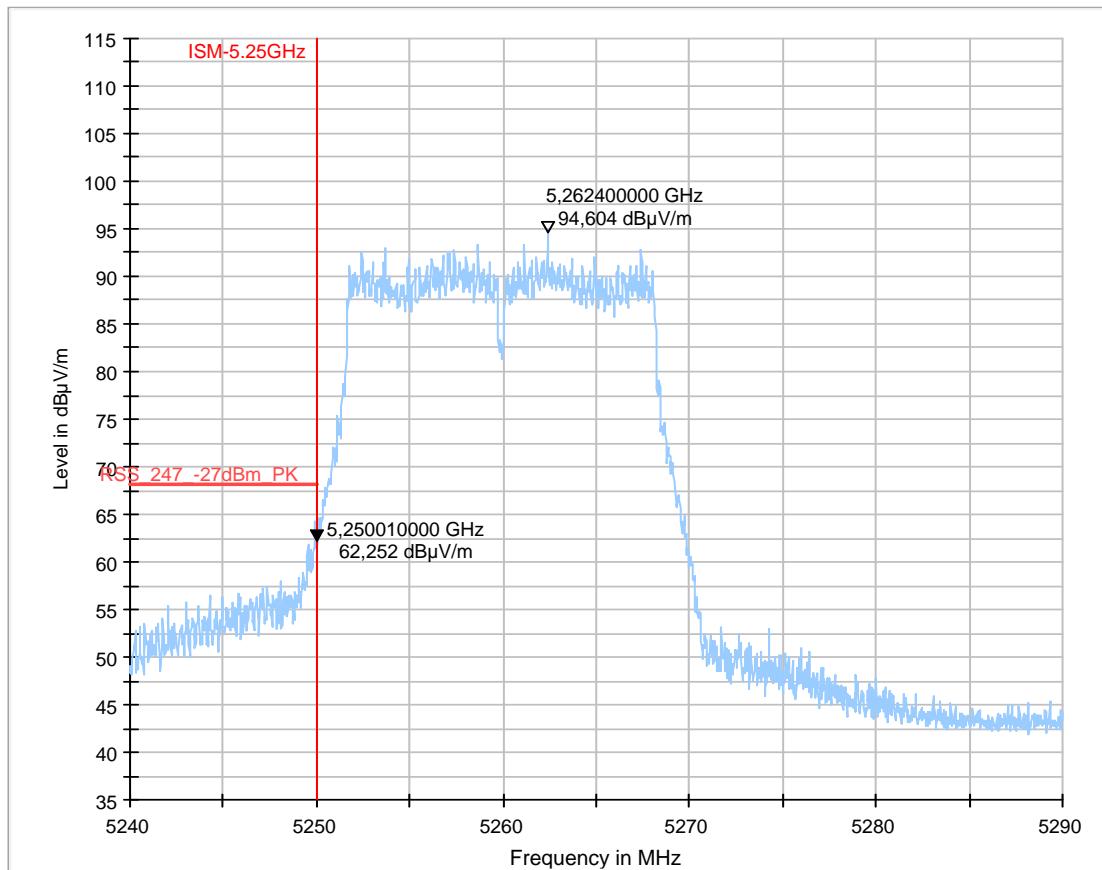
Common Information

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: RIIs
 Comment:

EUT Information

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

Full Spectrum



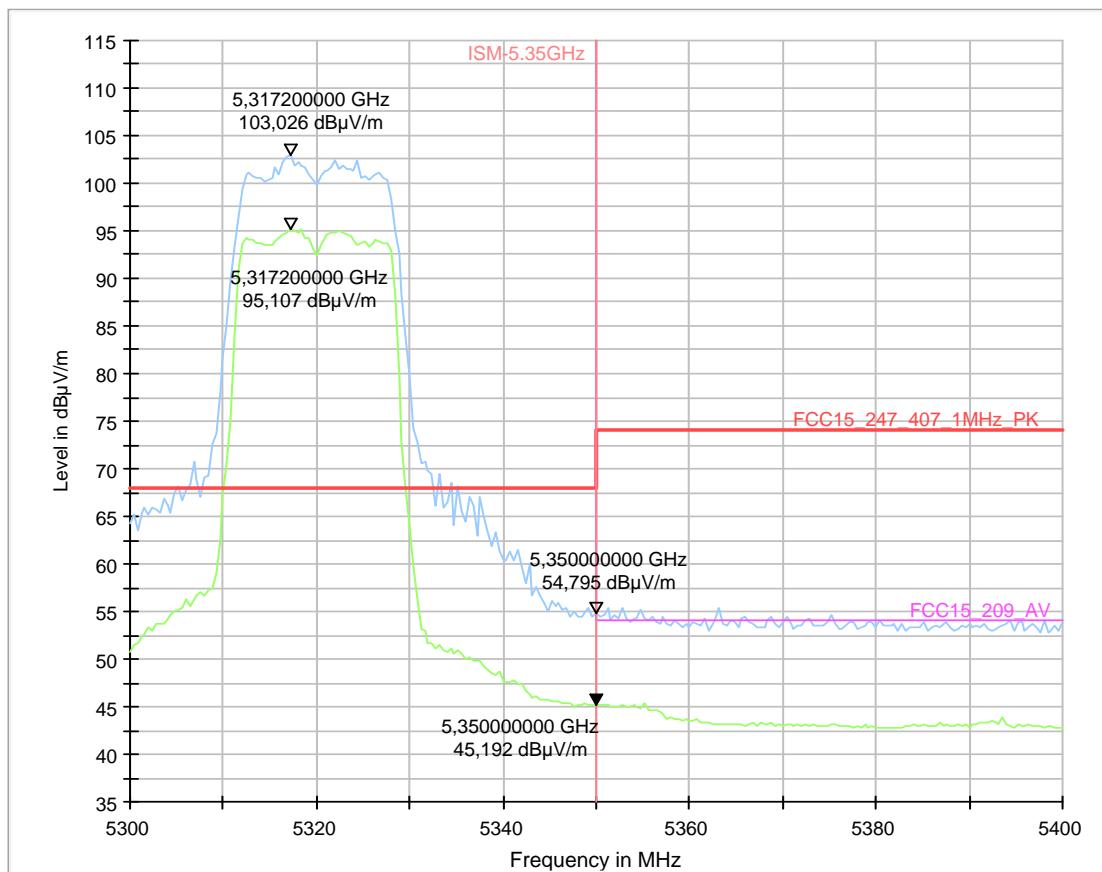
9.04_BE_11a_ch64_20MHz_6Mbit**Common Information**

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: RIIs
 Comment:

EUT Information

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

Full Spectrum



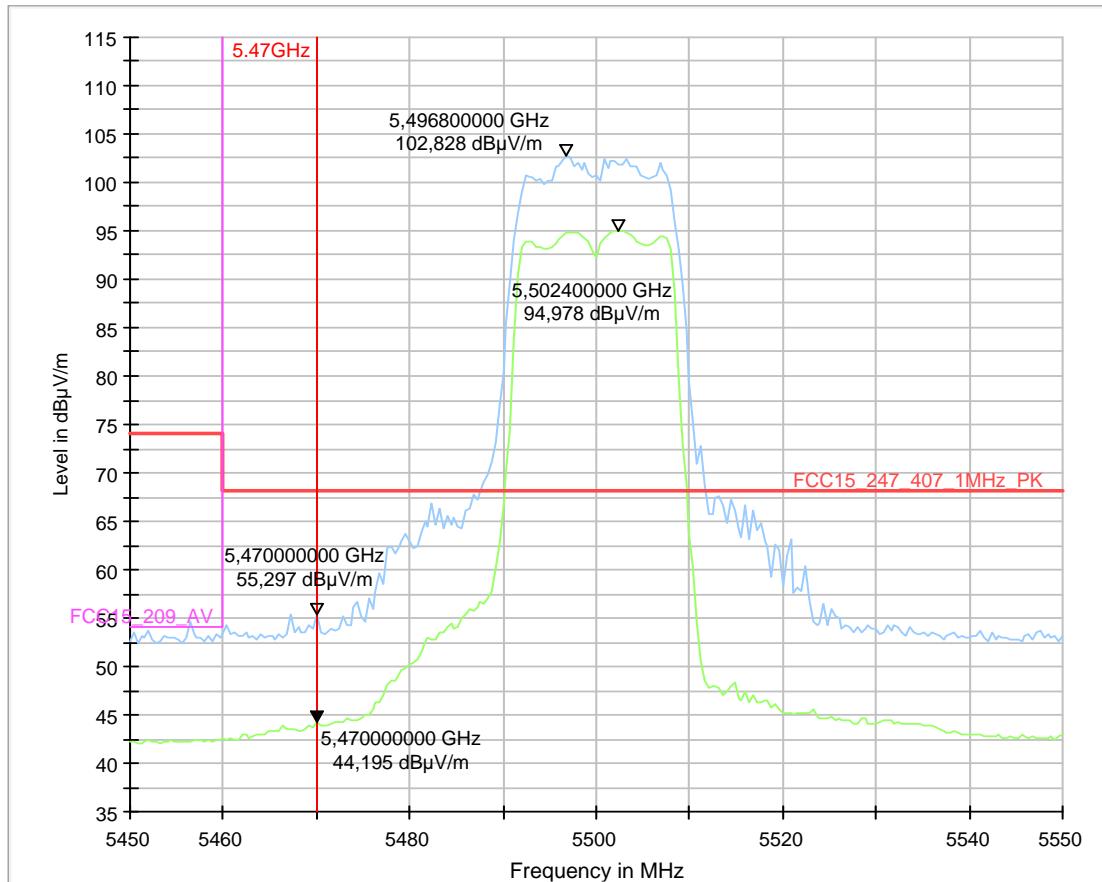
9.05_BE_11a_ch100_20MHz_6Mbit**Common Information**

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: RIIs
 Comment:

EUT Information

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

Full Spectrum



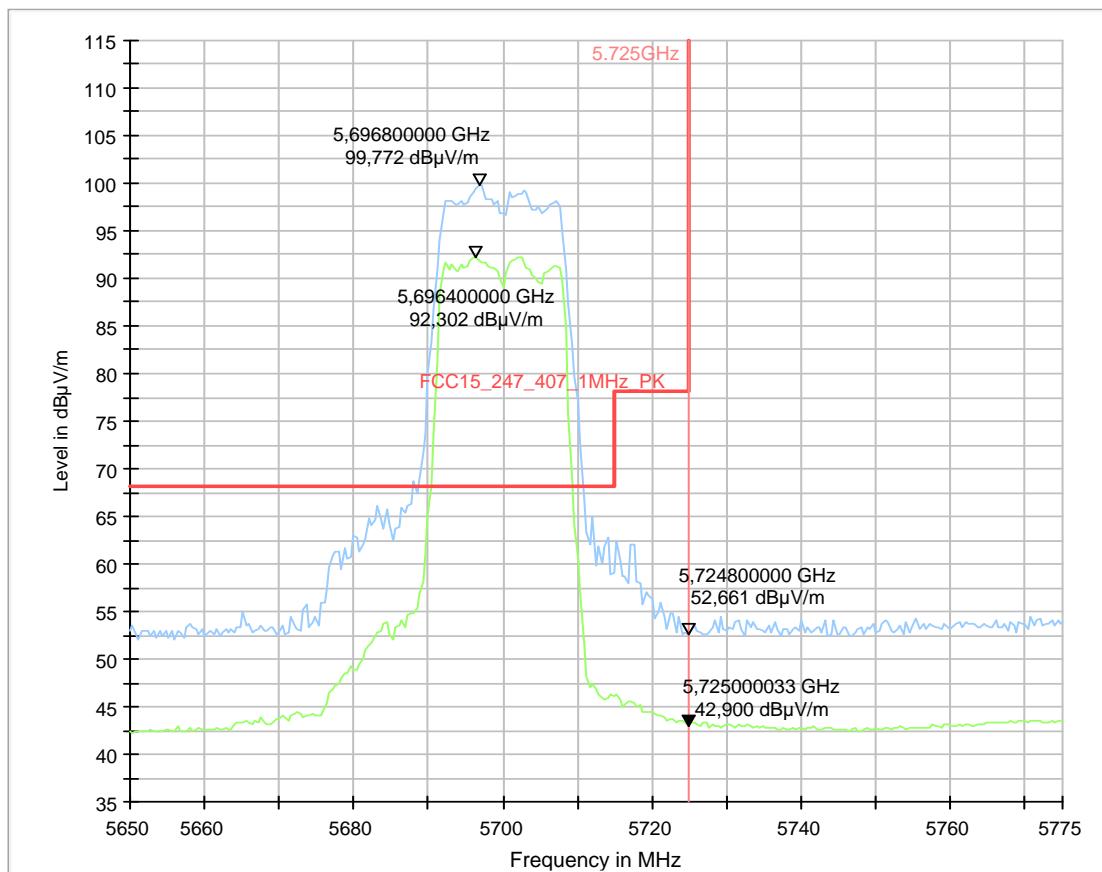
9.06_BE_11a_ch140_20MHz_6Mbit**Common Information**

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: RIs
 Comment:

EUT Information

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

Full Spectrum



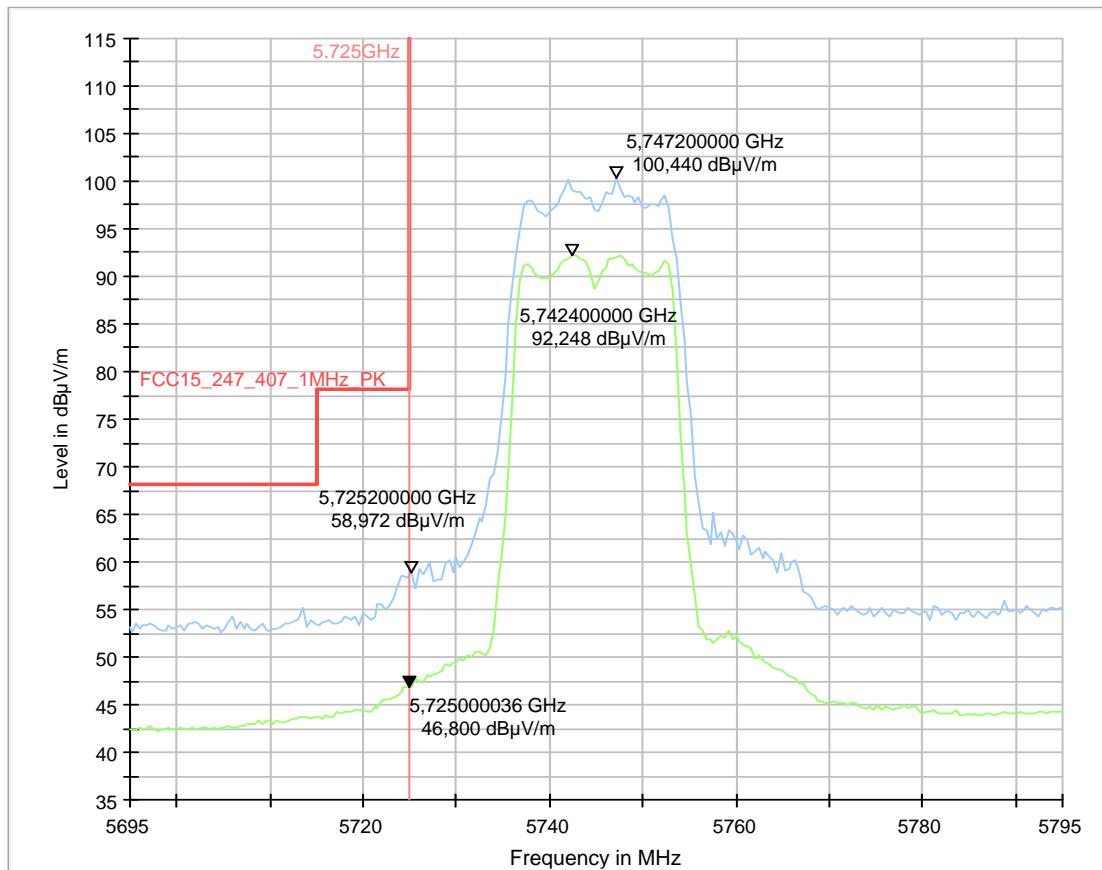
9.07_BE_11a_ch149_20MHz_6Mbit**Common Information**

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: RIs
 Comment:

EUT Information

| | |
|-----------------------|----------------------------------|
| Manufacturer: | Robert Bosch Car Multimedia GmbH |
| Model: | AIVIP32R0 |
| Type: | - |
| <hr/> | |
| 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

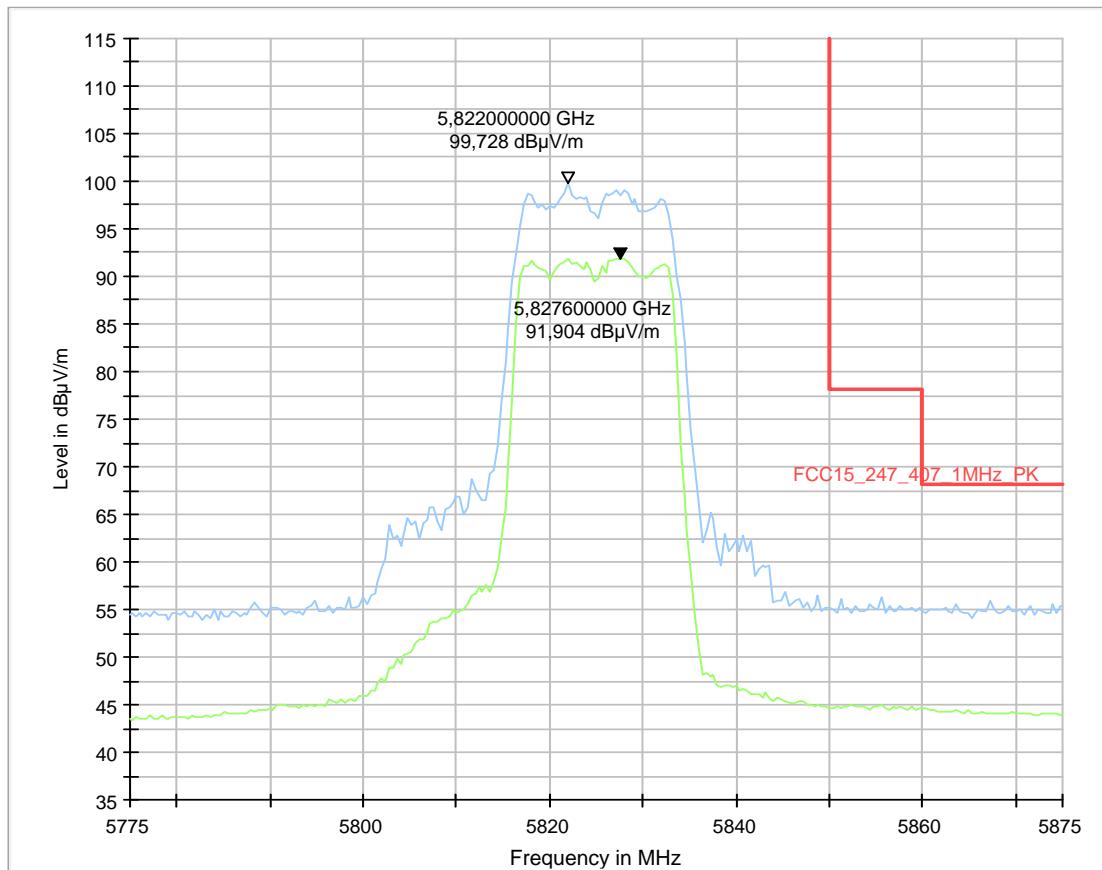
Common Information

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: RIIs
 Comment:

EUT Information

| | |
|-----------------------|----------------------------------|
| Manufacturer: | Robert Bosch Car Multimedia GmbH |
| Model: | AIVIP32R0 |
| Type: | - |
| <hr/> | |
| 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

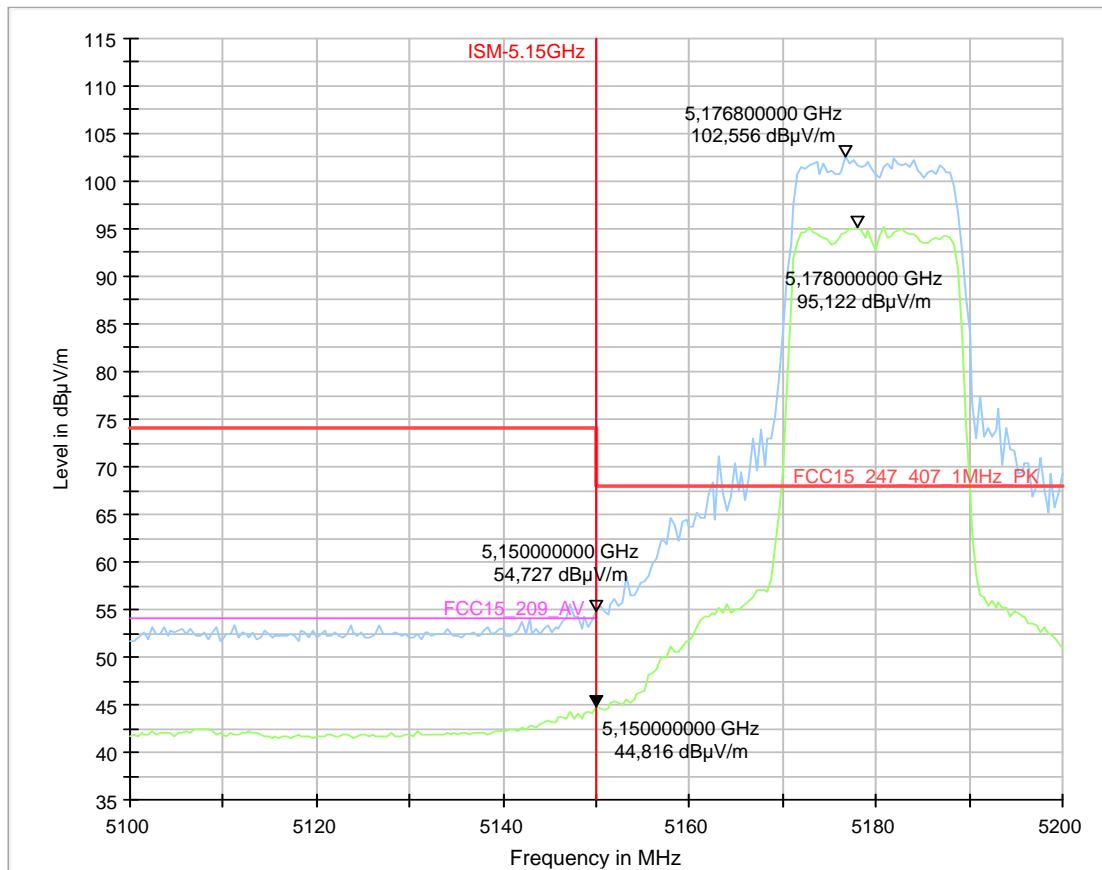
Common Information

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: RIIs
 Comment:

EUT Information

| | |
|-----------------------|----------------------------------|
| Manufacturer: | Robert Bosch Car Multimedia GmbH |
| Model: | AIVIP32R0 |
| Type: | - |
| <hr/> | |
| 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

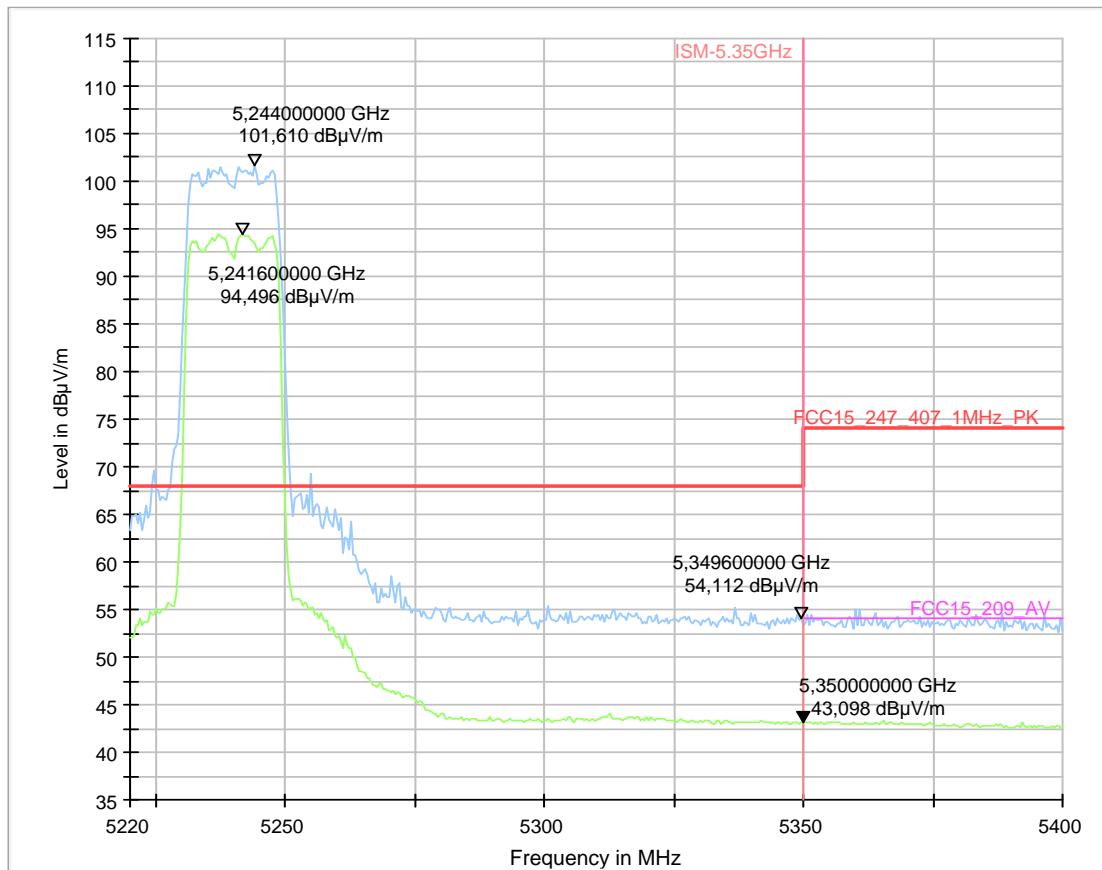
Common Information

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: RIIs
 Comment:

EUT Information

| | |
|-----------------------|----------------------------------|
| Manufacturer: | Robert Bosch Car Multimedia GmbH |
| Model: | AIVIP32R0 |
| Type: | - |
| <hr/> | |
| 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

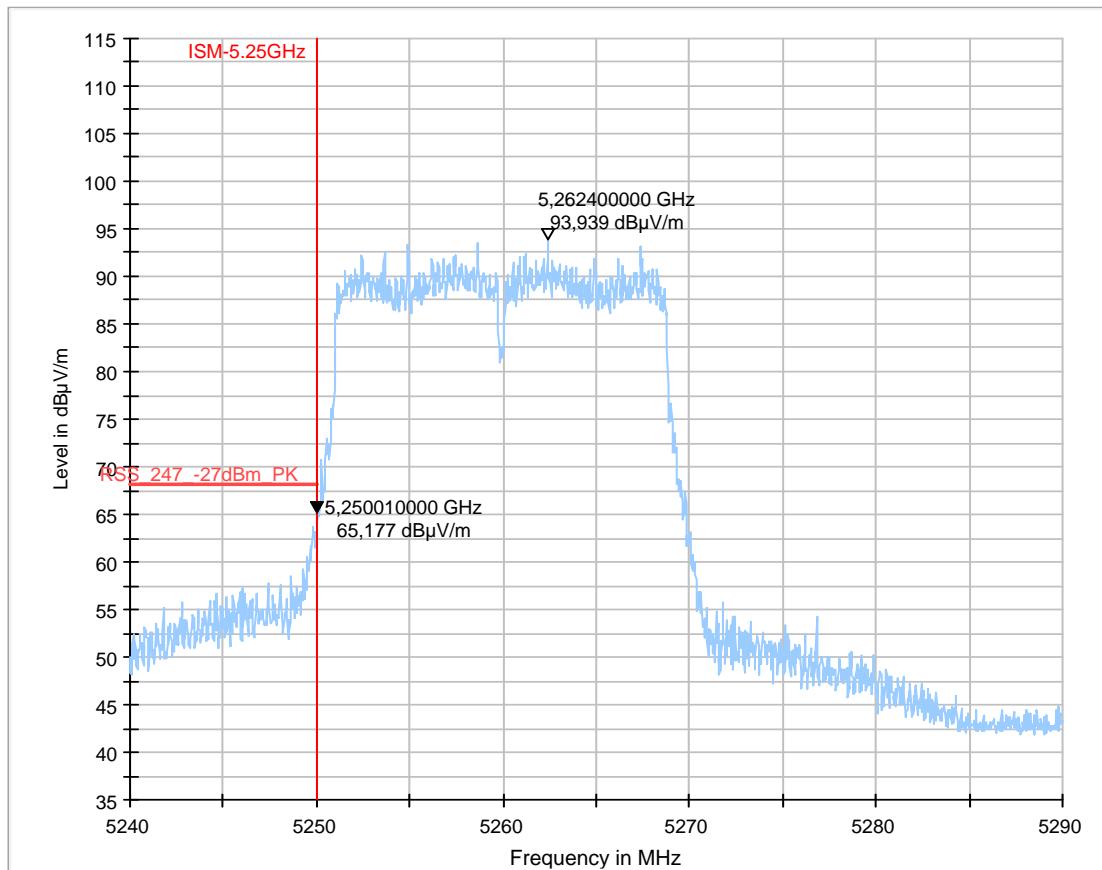
Common Information

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: RIIs
 Comment:

EUT Information

| | |
|-----------------------|----------------------------------|
| Manufacturer: | Robert Bosch Car Multimedia GmbH |
| Model: | AIVIP32R0 |
| Type: | - |
| <hr/> | |
| 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

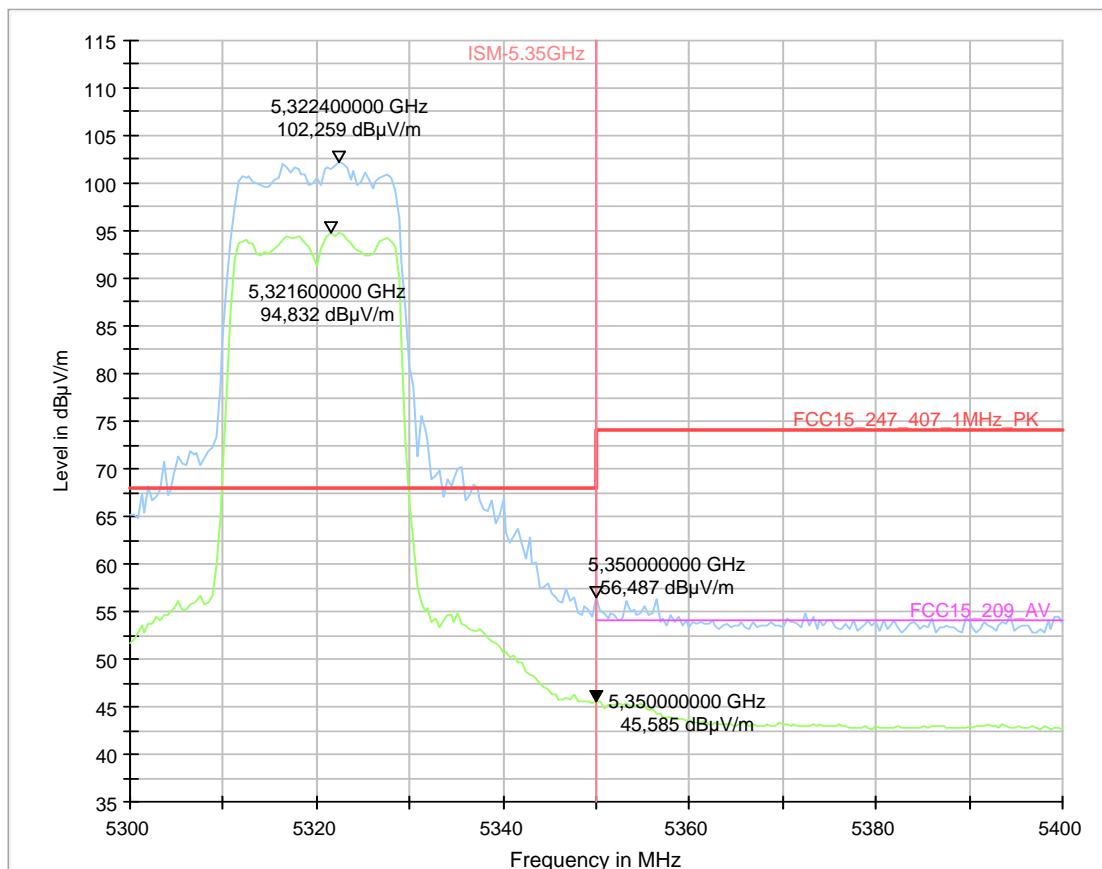
Common Information

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: RIIs
 Comment:

EUT Information

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

Full Spectrum



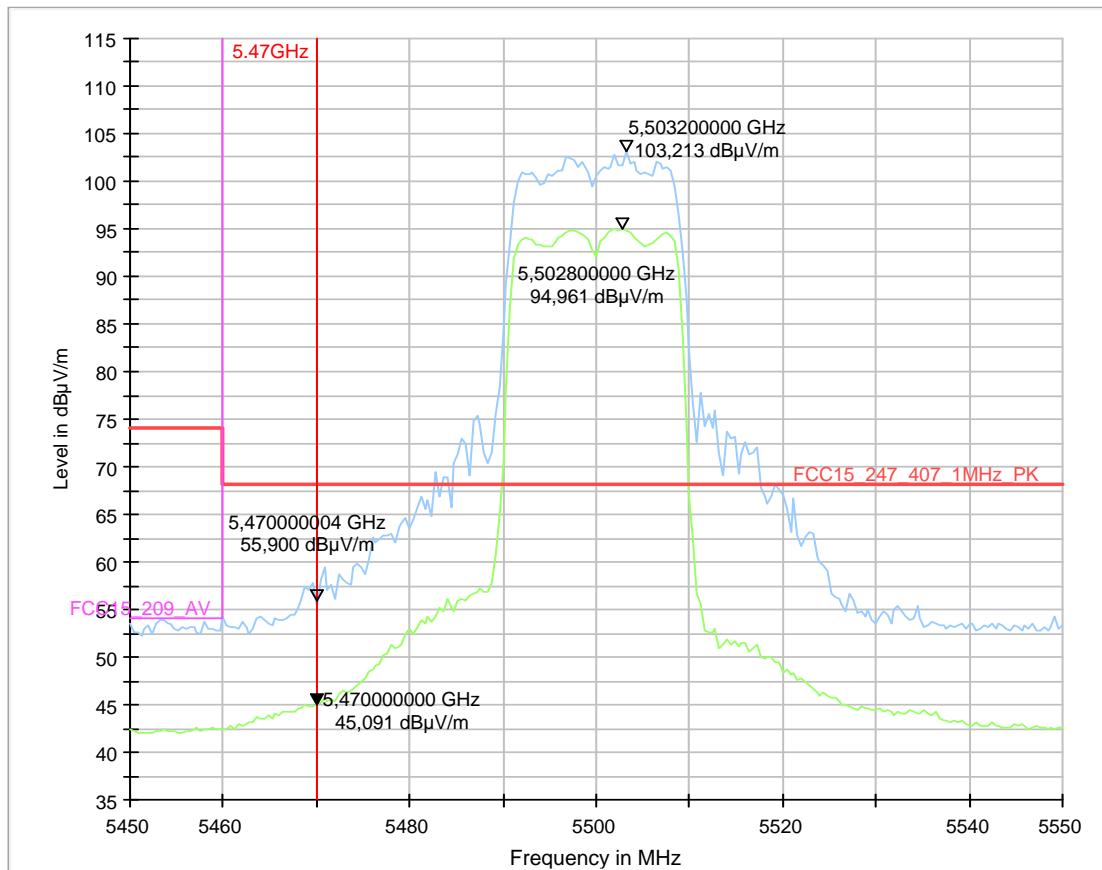
9.13_BE_11n_ch100_20MHz_MCS0**Common Information**

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: RIIs
 Comment:

EUT Information

| | |
|-----------------------|----------------------------------|
| Manufacturer: | Robert Bosch Car Multimedia GmbH |
| Model: | AIVIP32R0 |
| Type: | - |
| <hr/> | |
| 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

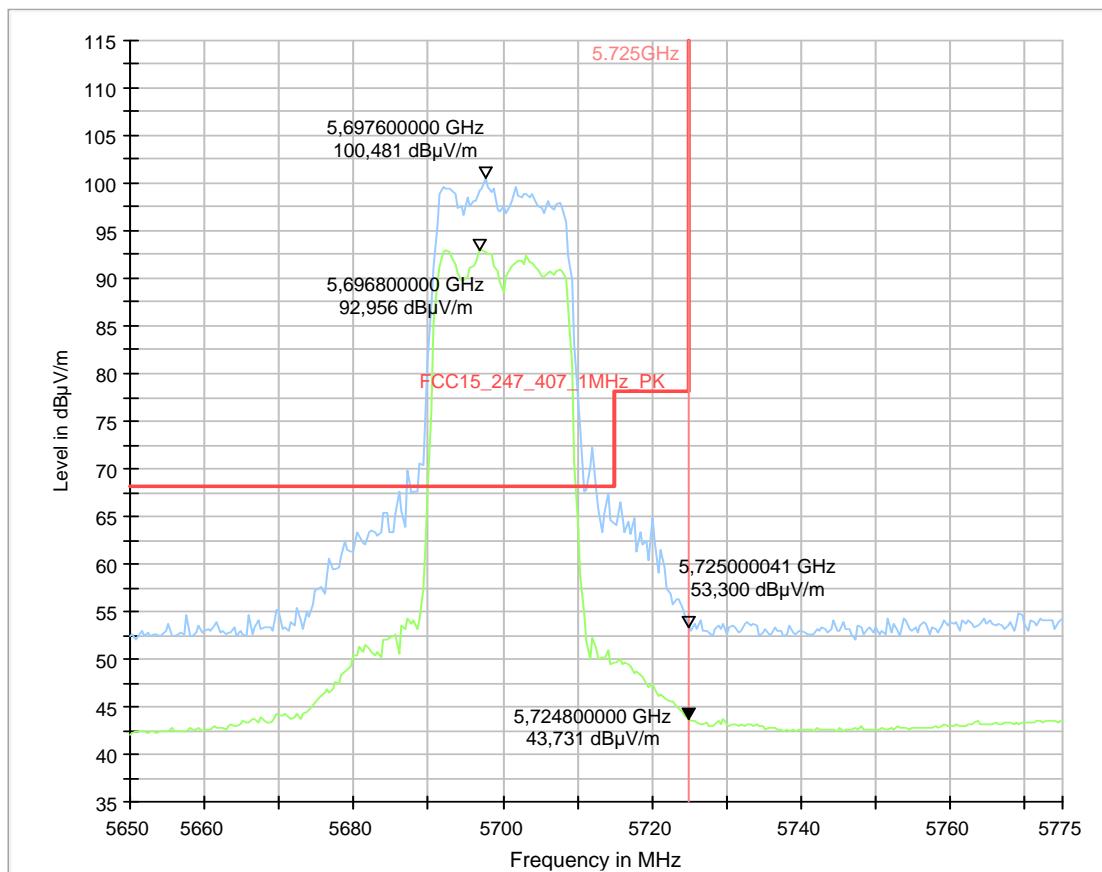
Common Information

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: RIIs
 Comment:

EUT Information

| | |
|-----------------------|----------------------------------|
| Manufacturer: | Robert Bosch Car Multimedia GmbH |
| Model: | AIVIP32R0 |
| Type: | - |
| <hr/> | |
| 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

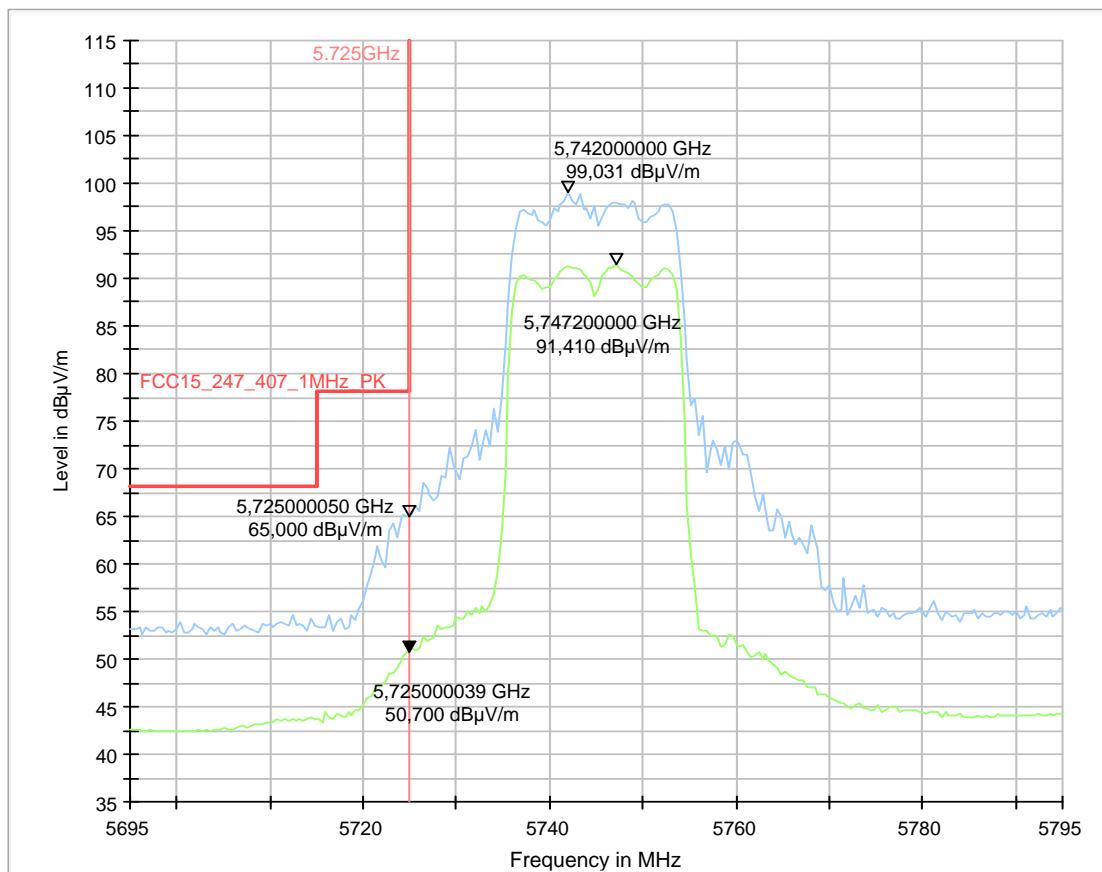
Common Information

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: RIs
 Comment:

EUT Information

| | |
|-----------------------|----------------------------------|
| Manufacturer: | Robert Bosch Car Multimedia GmbH |
| Model: | AIVIP32R0 |
| Type: | - |
| <hr/> | |
| 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: RIIs
 Comment:

EUT Information

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

Full Spectrum

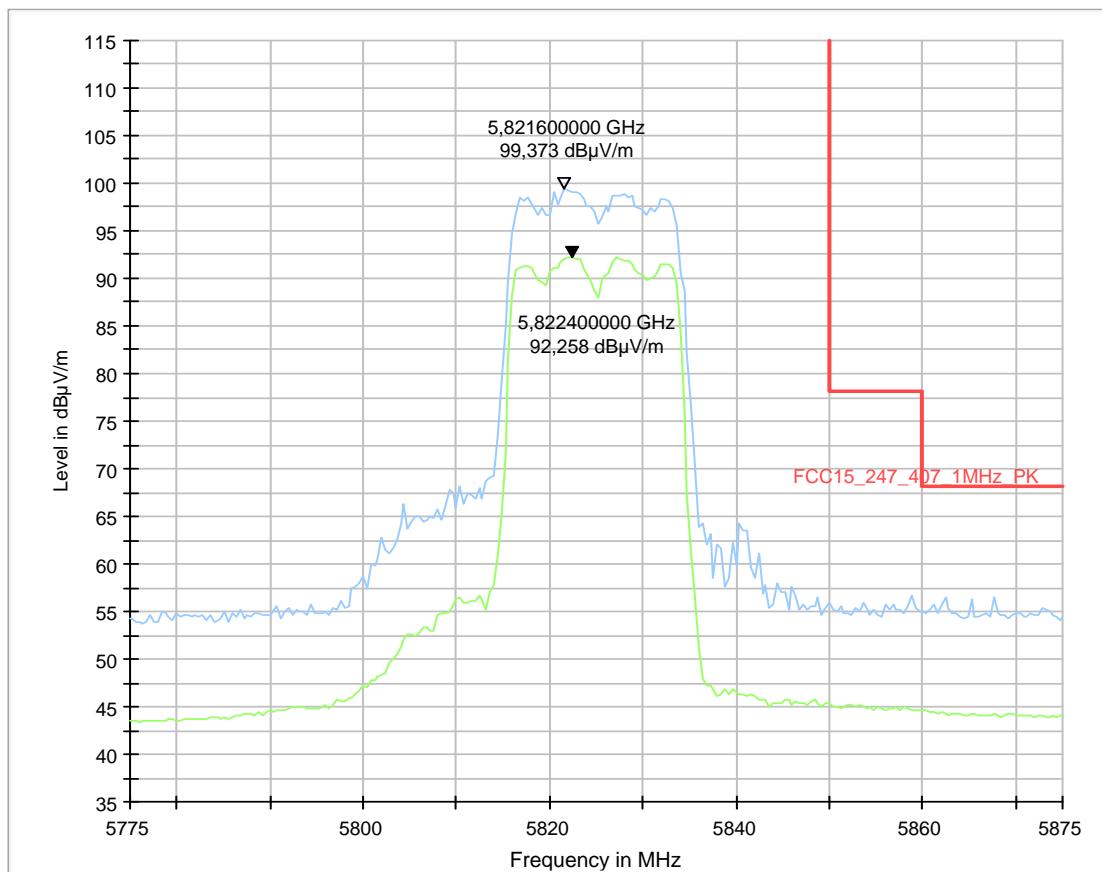


Diagram No.: 9.17_BE_11ac_ch36_20MHz_MCS0**Common Information**

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

Full Spectrum

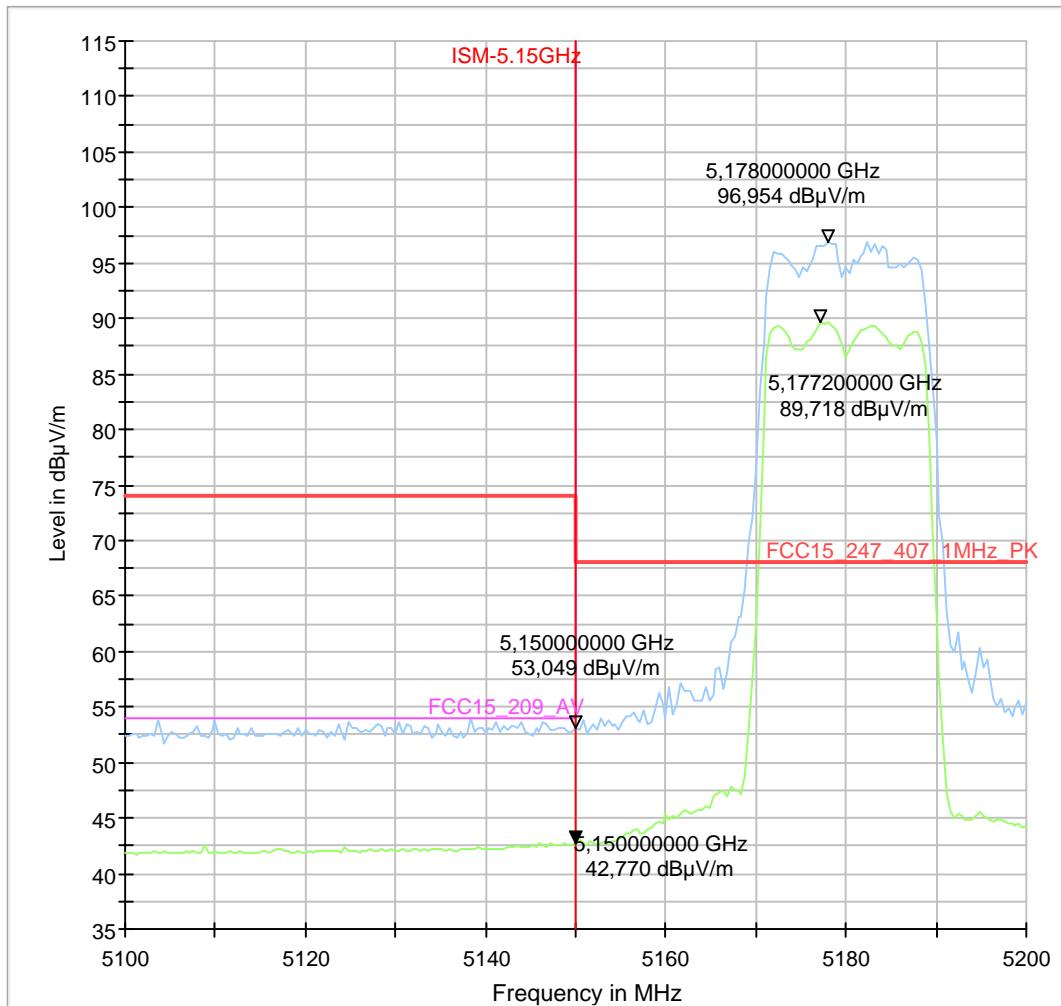


Diagram No.: 9.18_BE_11ac_ch48_20MHz_MCS0**Common Information**

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

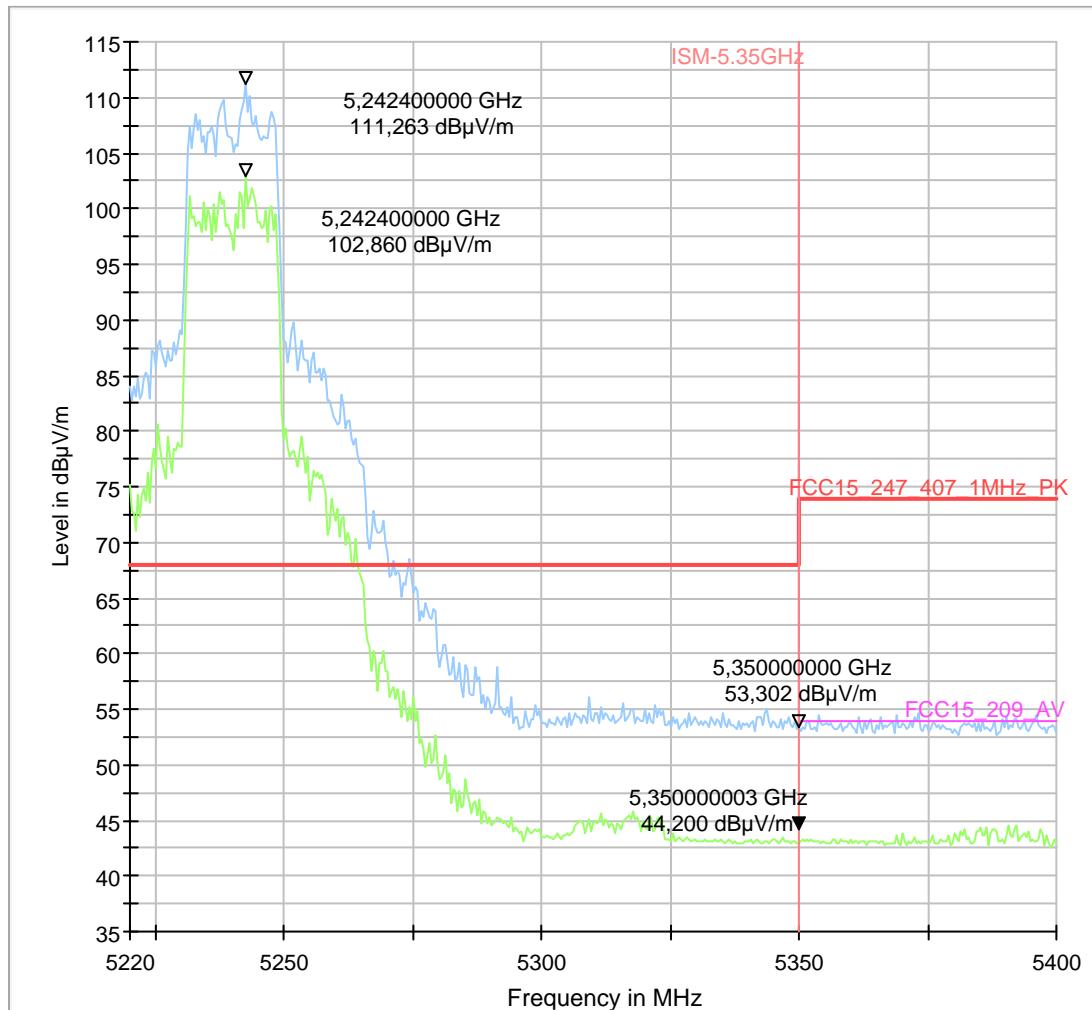
Full Spectrum

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

Full Spectrum

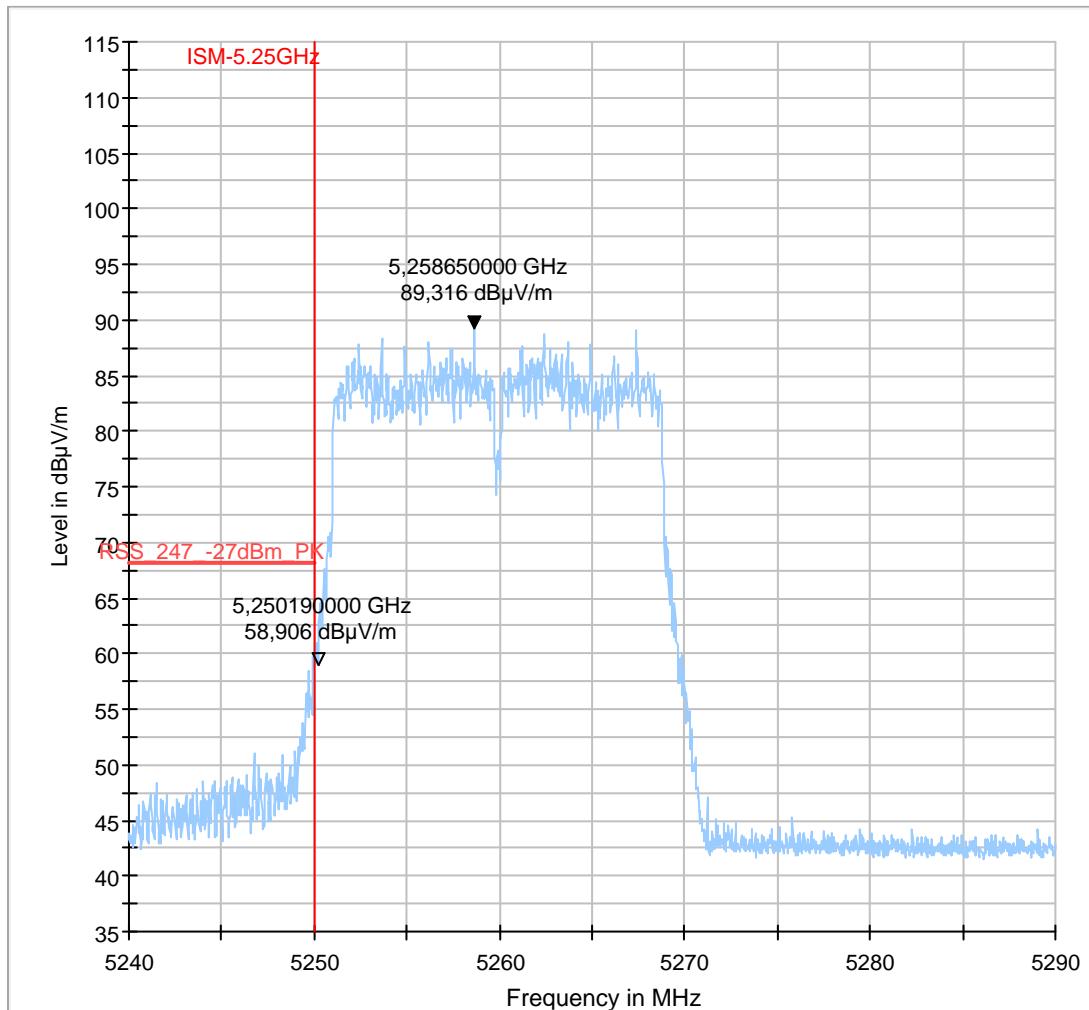


Diagram No.: 9.20_BE_11ac_ch64_20MHz_MCS0

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: KIV

EUT Information

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

Full Spectrum

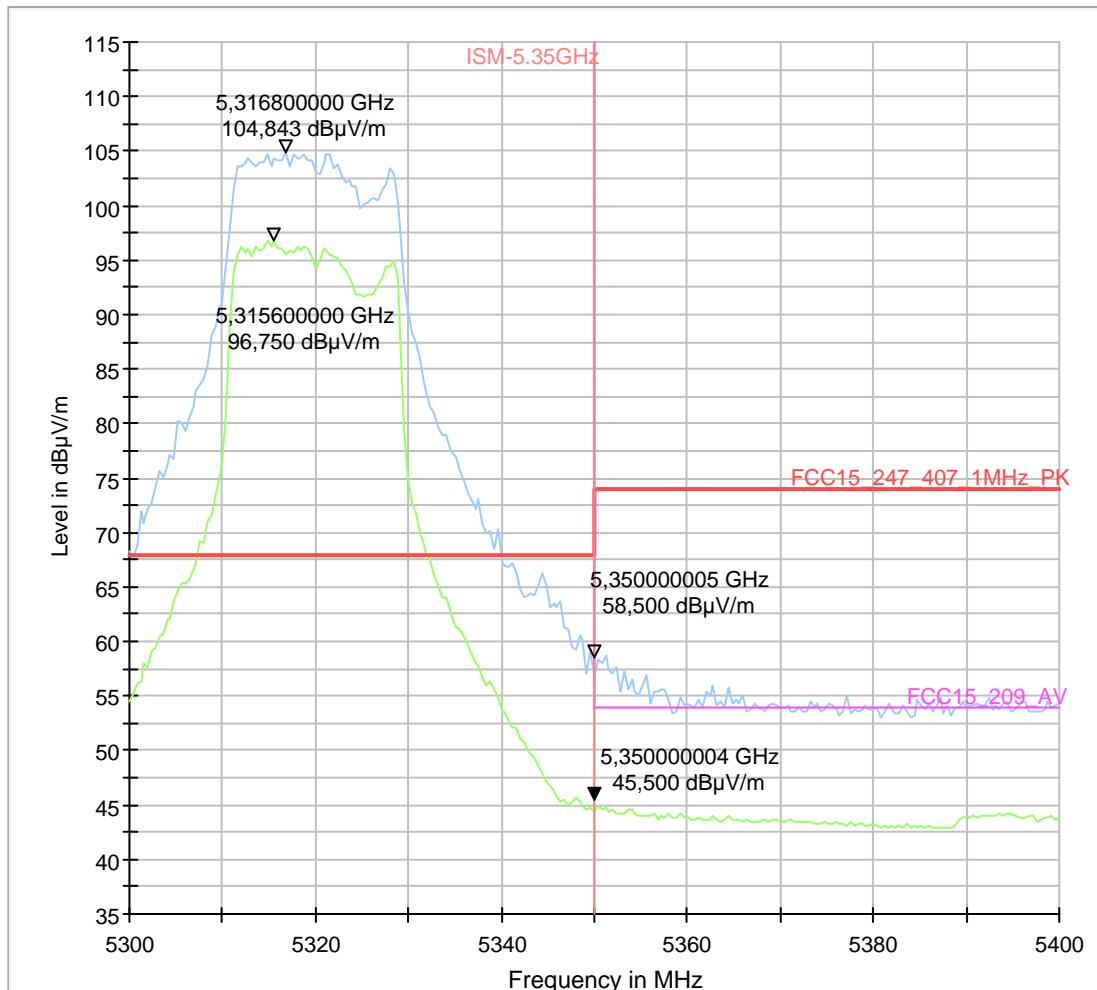


Diagram No.: 9.21_BE_11ac_ch100_20MHz_MCS0

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: KIV

EUT Information

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

Full Spectrum

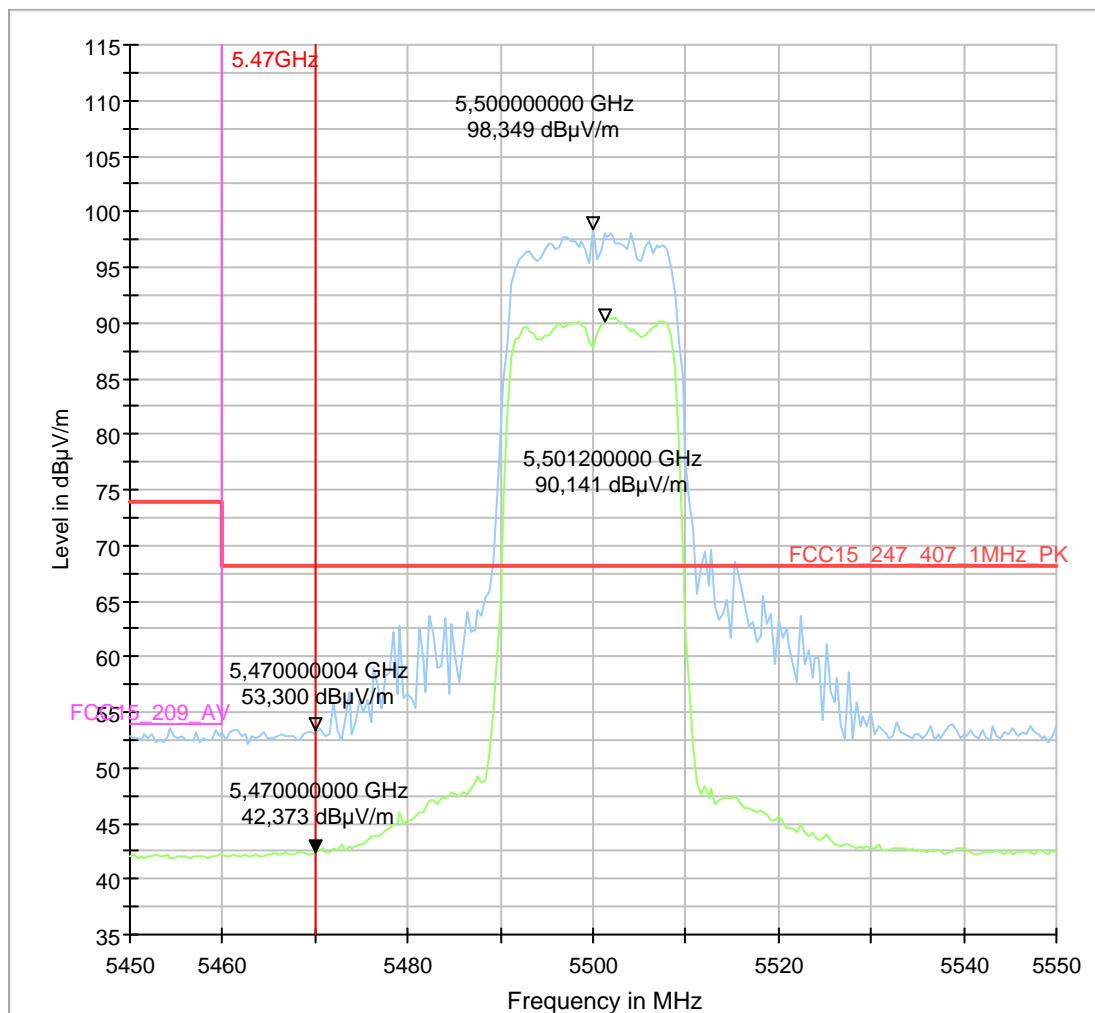


Diagram No.: 9.22_BE_11ac_ch140_20MHz_MCS1**Common Information**

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: KIV

EUT Information

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

Full Spectrum

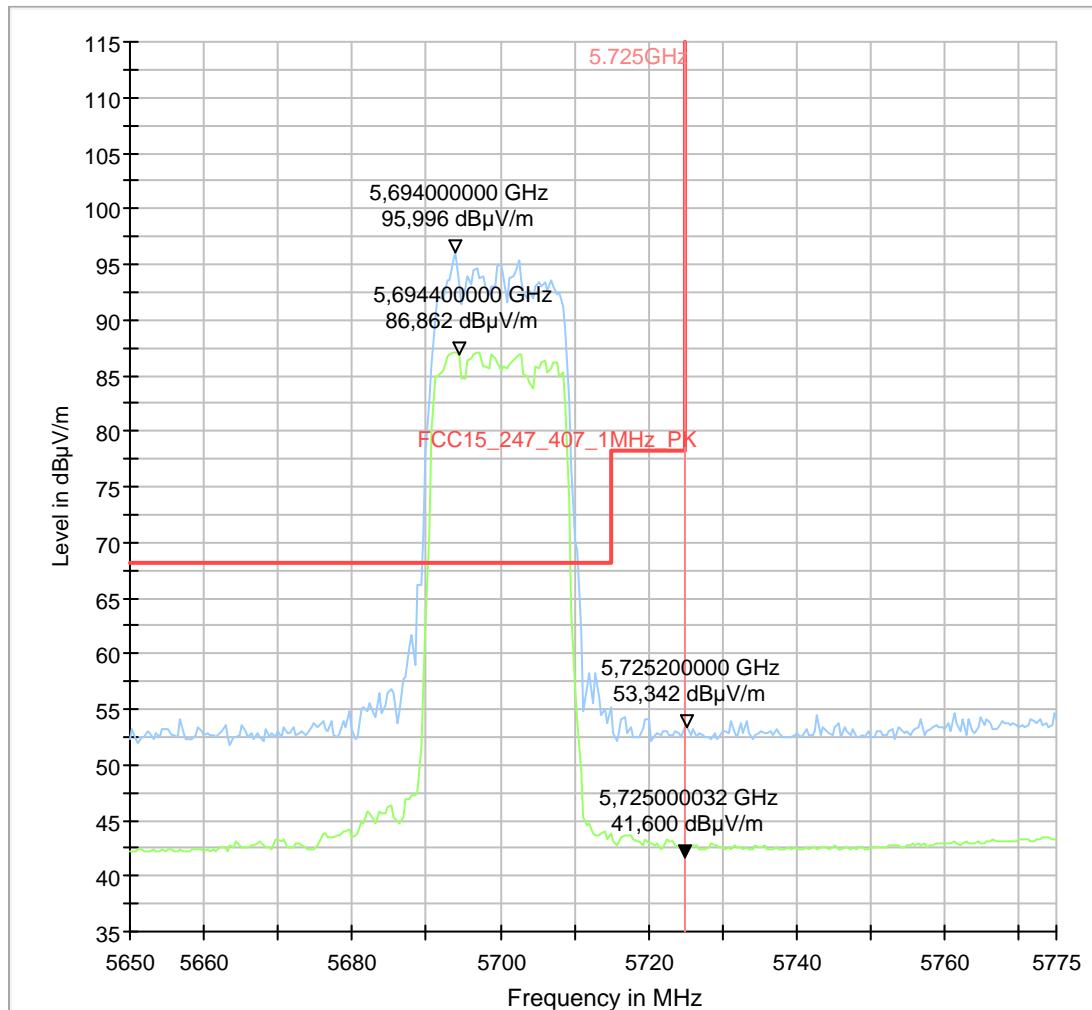


Diagram No.: 9.23_BE_11ac_ch149_20MHz_MCS0

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

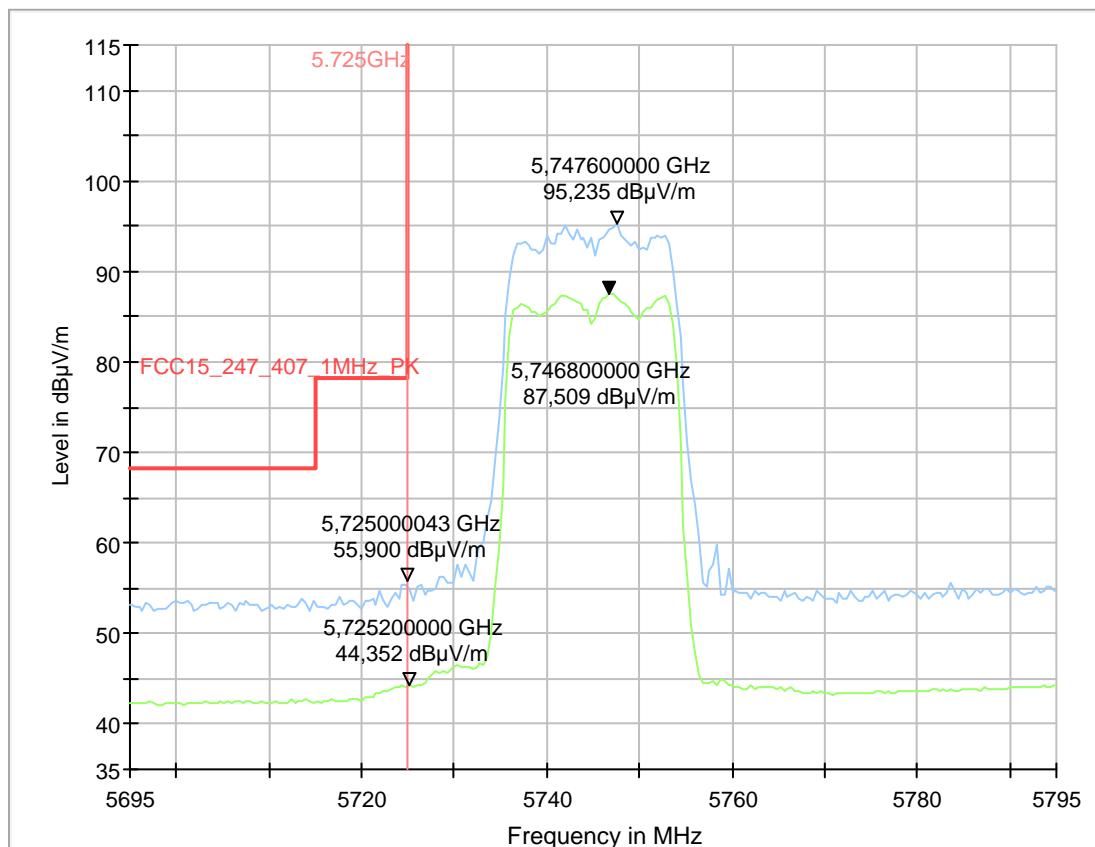


Diagram No.: 9.24_BE_11ac_ch165_20MHz_MCS0

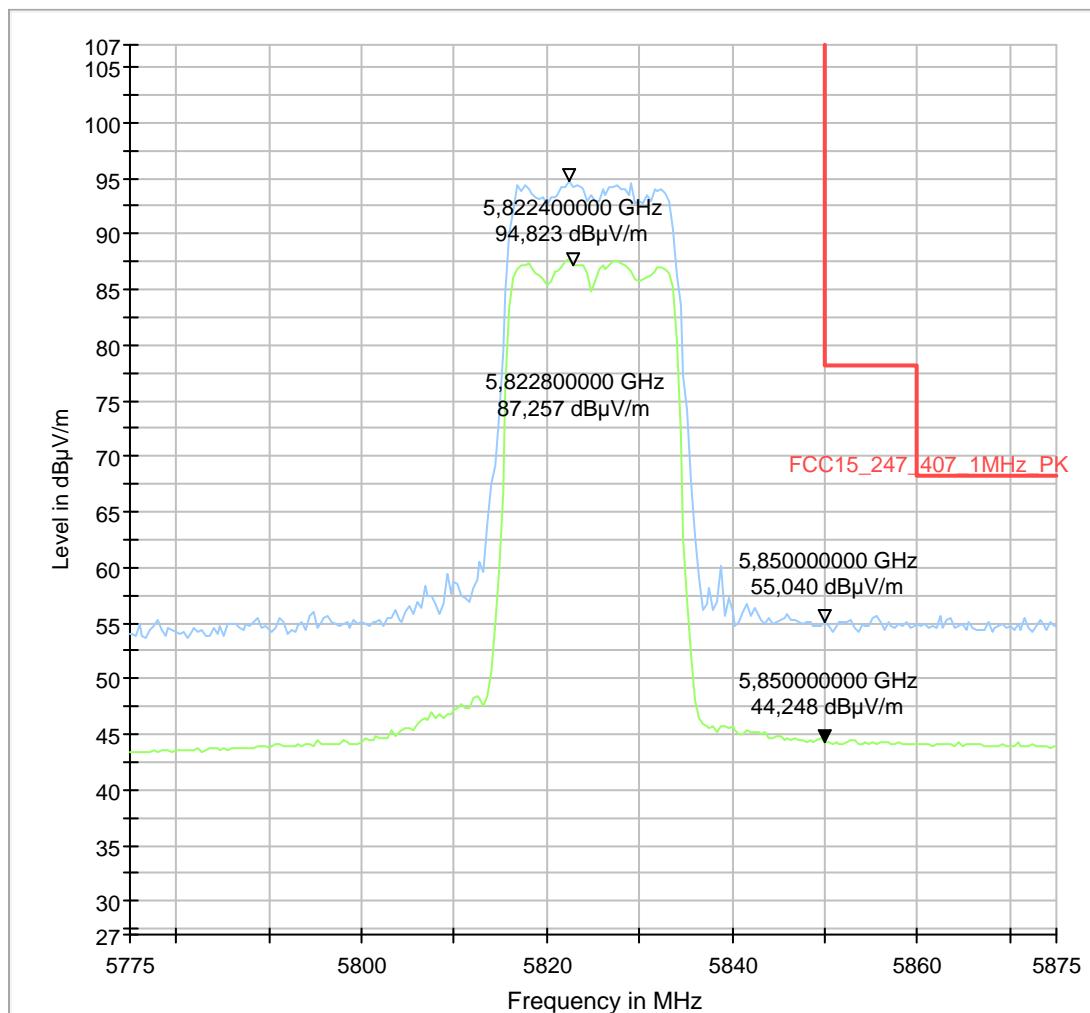
Common Information

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: KIV

EUT Information

| | |
|-----------------------|----------------------------------|
| Manufacturer: | Robert Bosch Car Multimedia GmbH |
| Model: | AIVIP32R0 |
| Type: | - |
| <hr/> | |
| 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

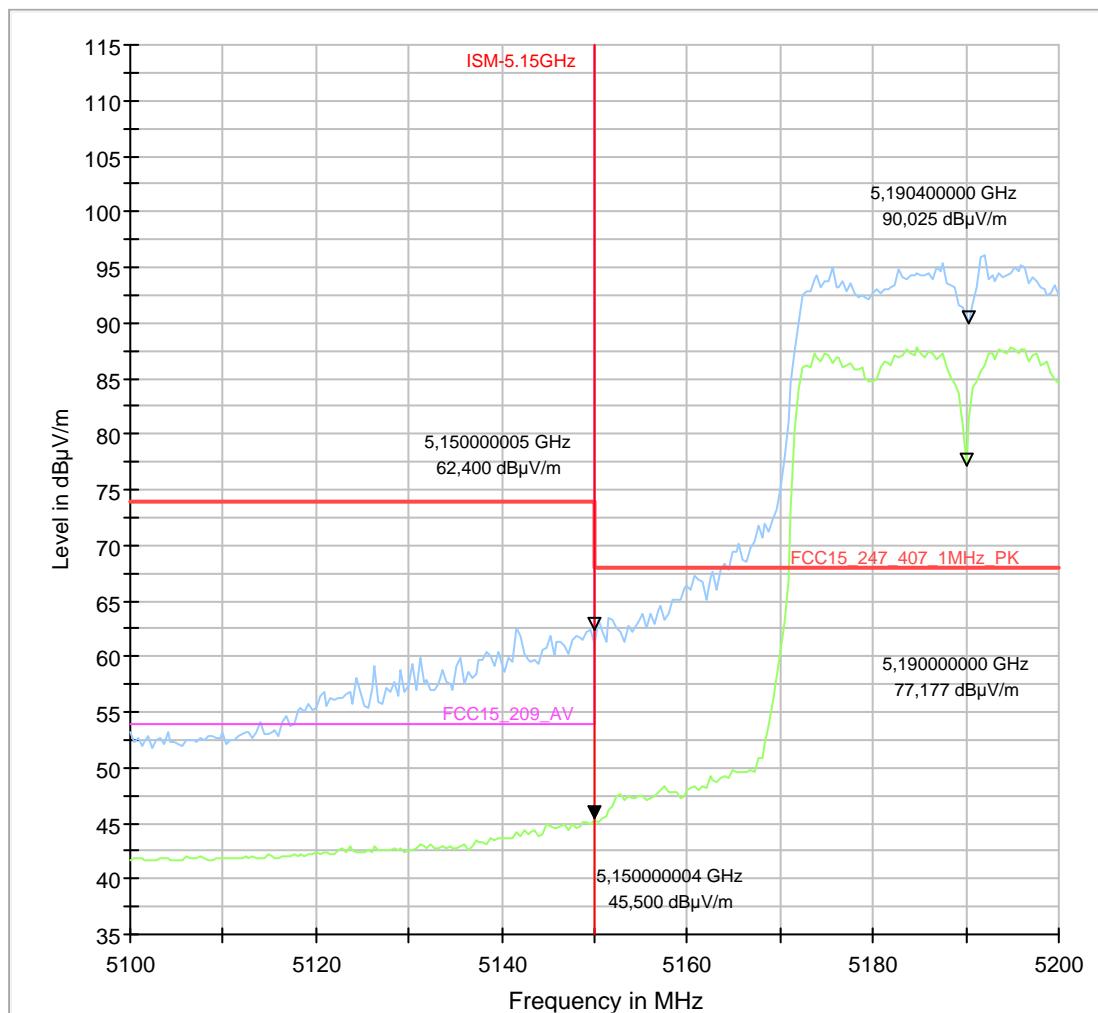
Common Information

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: RIIs
 Comment:

EUT Information

| | |
|-----------------------|----------------------------------|
| Manufacturer: | Robert Bosch Car Multimedia GmbH |
| Model: | AIVIP32R0 |
| Type: | - |
| <hr/> | |
| 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

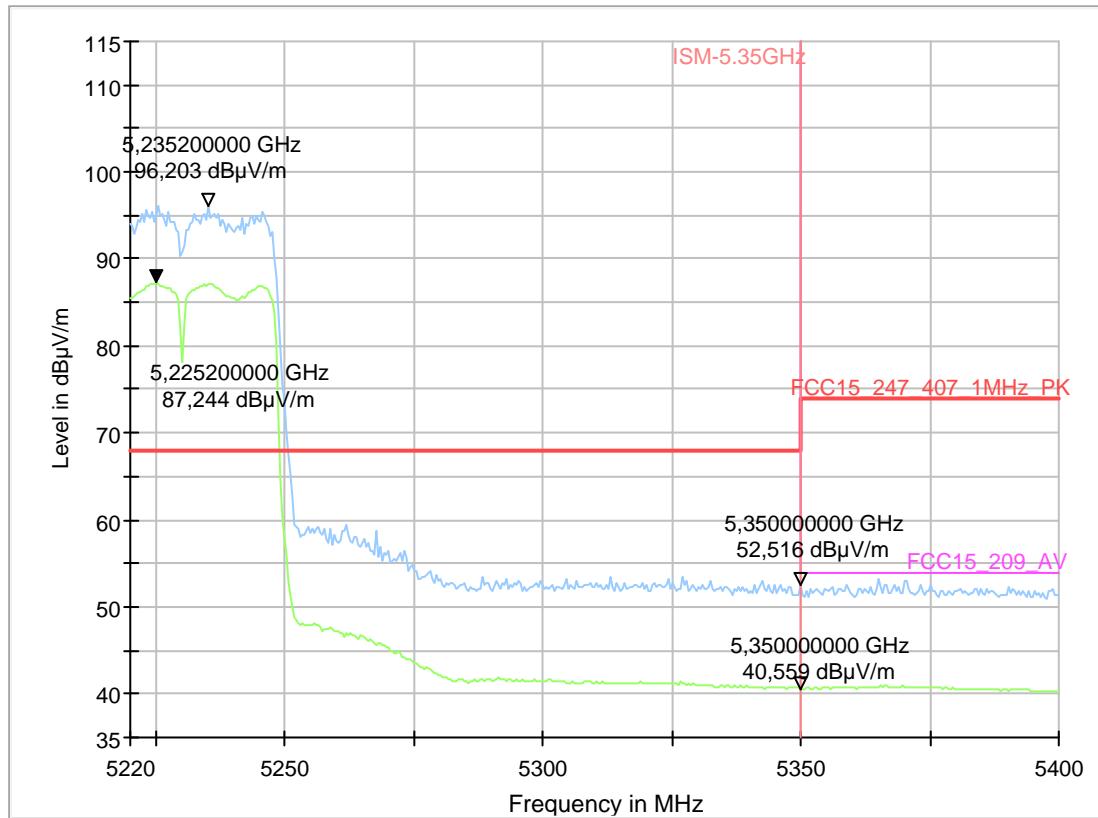
Common Information

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

Full Spectrum



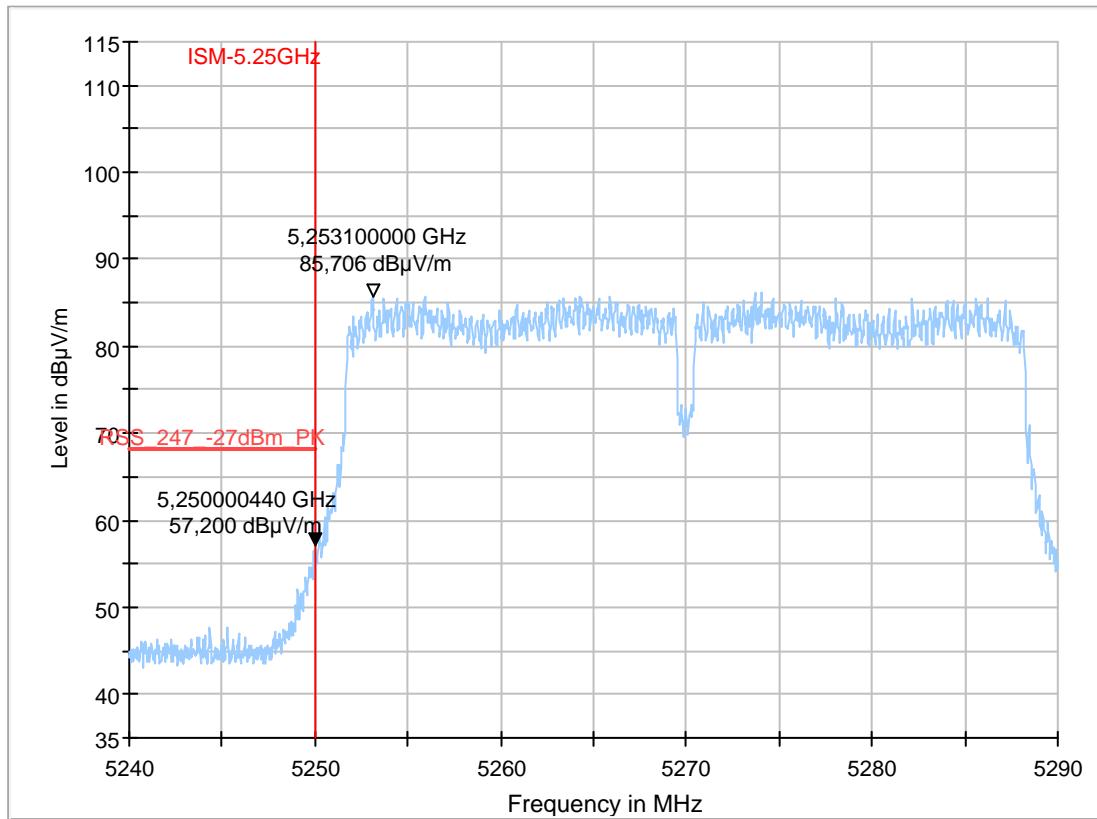
9.27b_BE_11n_ch54_40MHz_MCS0**Common Information**

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

Full Spectrum

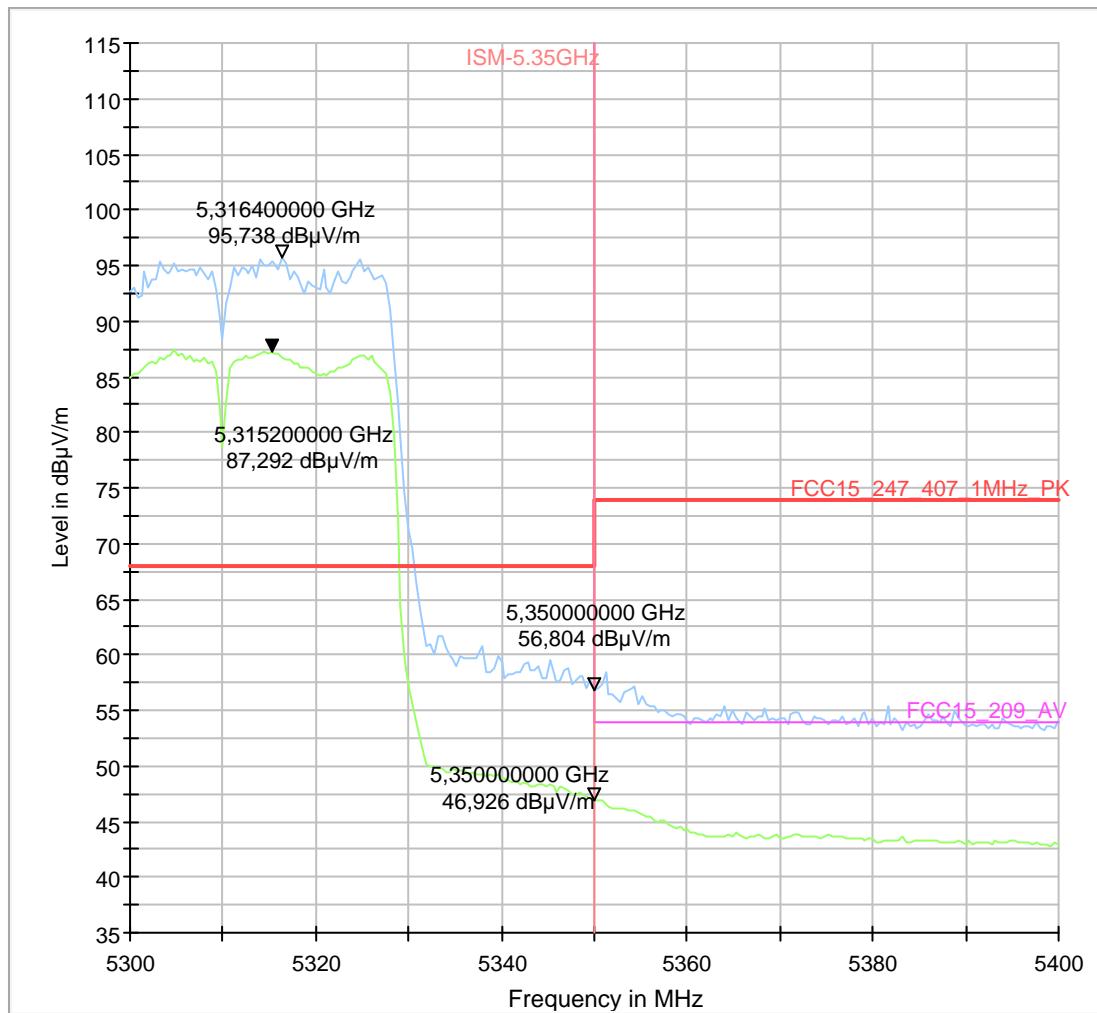


Diagram No.: 9.29_BE_11n_ch102_40MHz_MCS1_burst**Common Information**

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

Full Spectrum

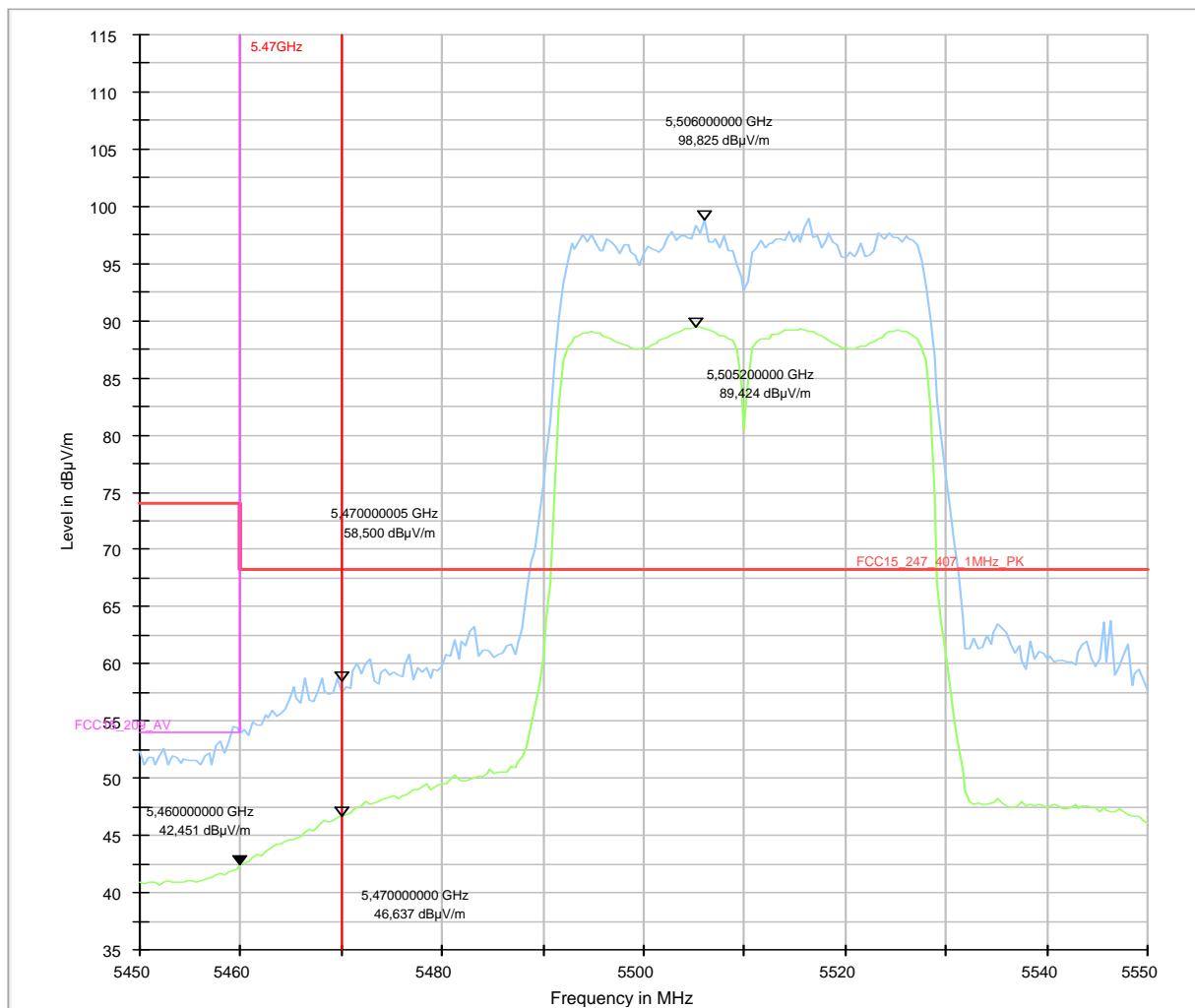


Diagram No.: 9.30_BE_11n_ch134_40MHz_MCS0

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: KIV

EUT Information

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

Full Spectrum

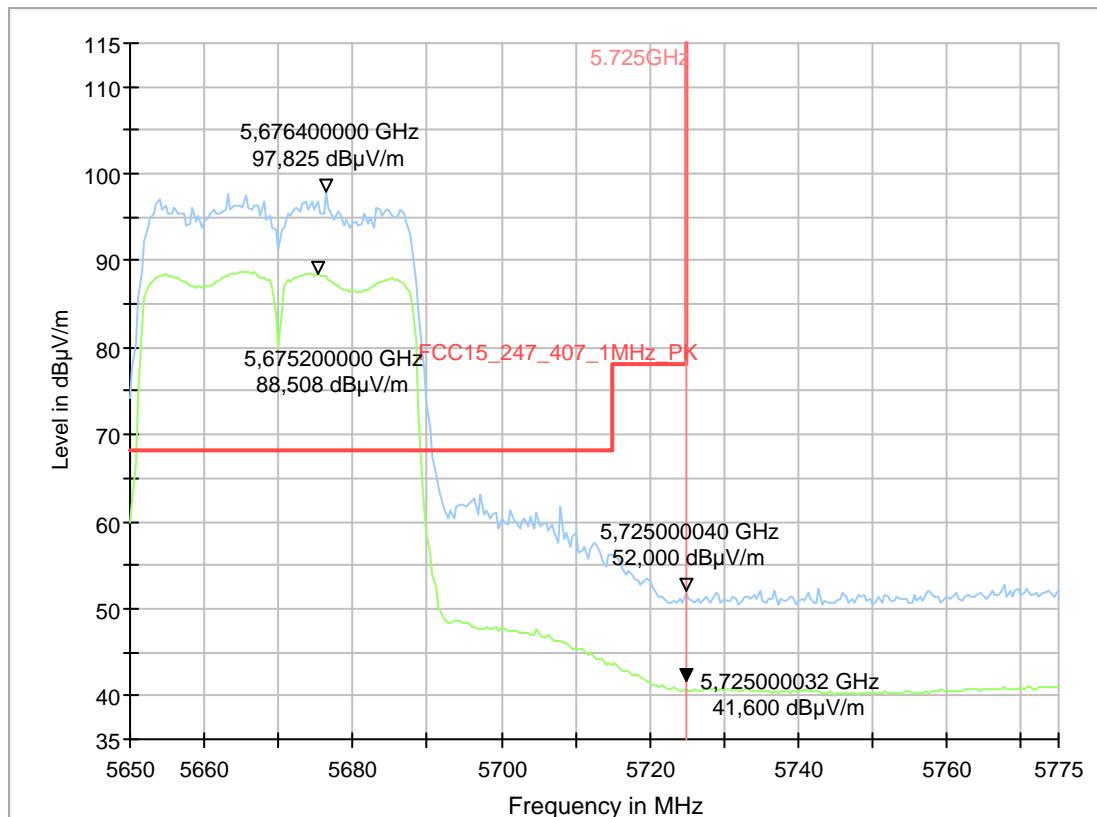


Diagram No.: 9.31_BE_11n_ch151_40MHz_MCS0

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

Full Spectrum

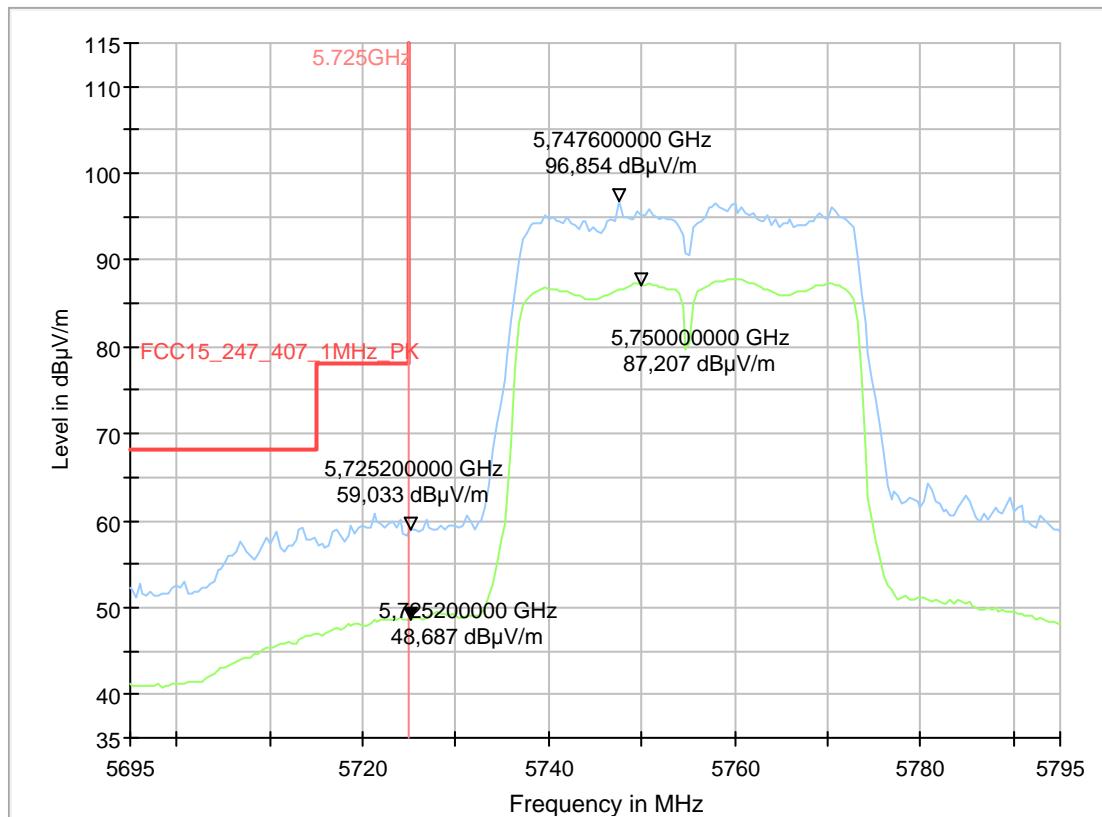


Diagram No.: 9.32_BE_11n_ch159_40MHz_MCS0**Common Information**

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: KIV

EUT Information

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

Full Spectrum

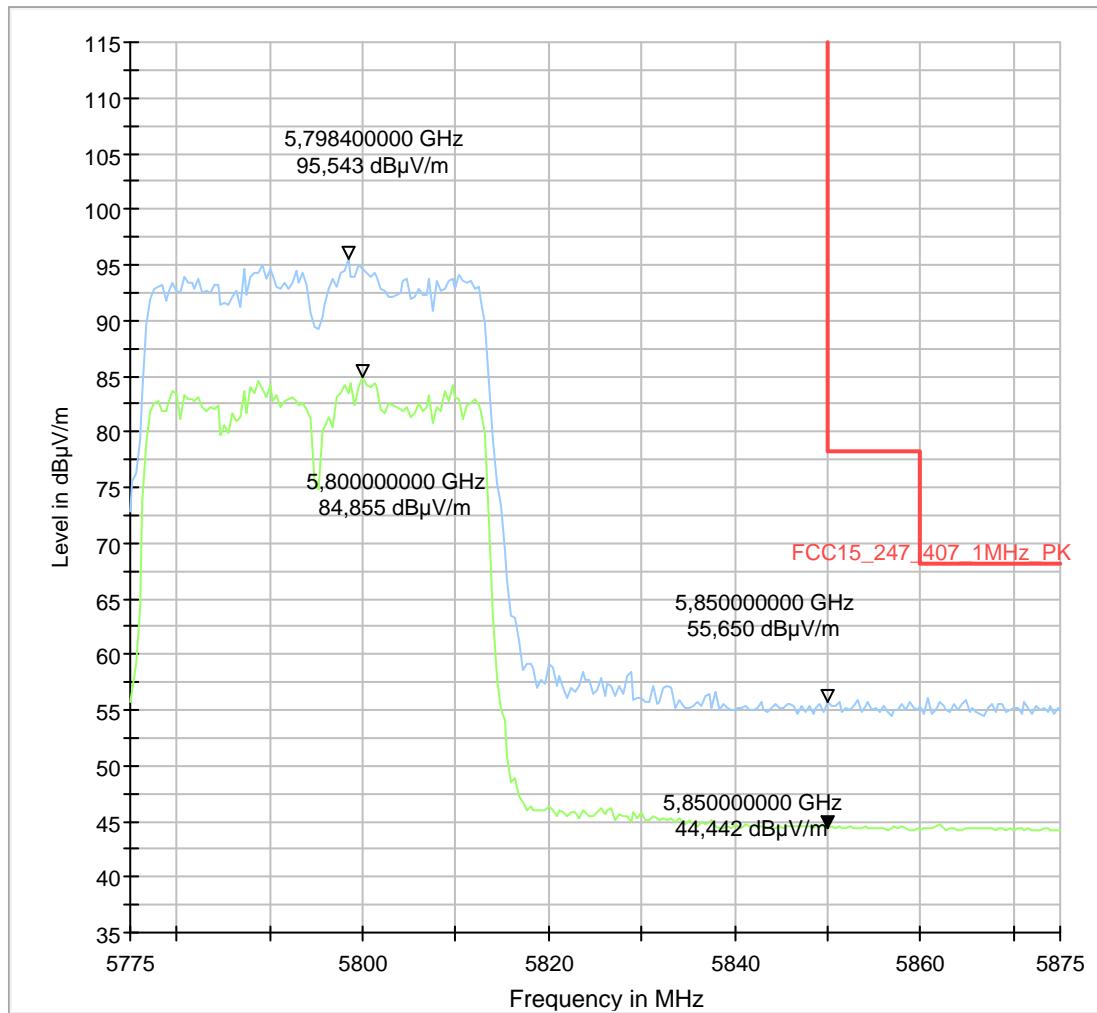


Diagram No.: 9.33_BE_11ac_ch38_40MHz_VHT_SS1_MCS6

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

Full Spectrum

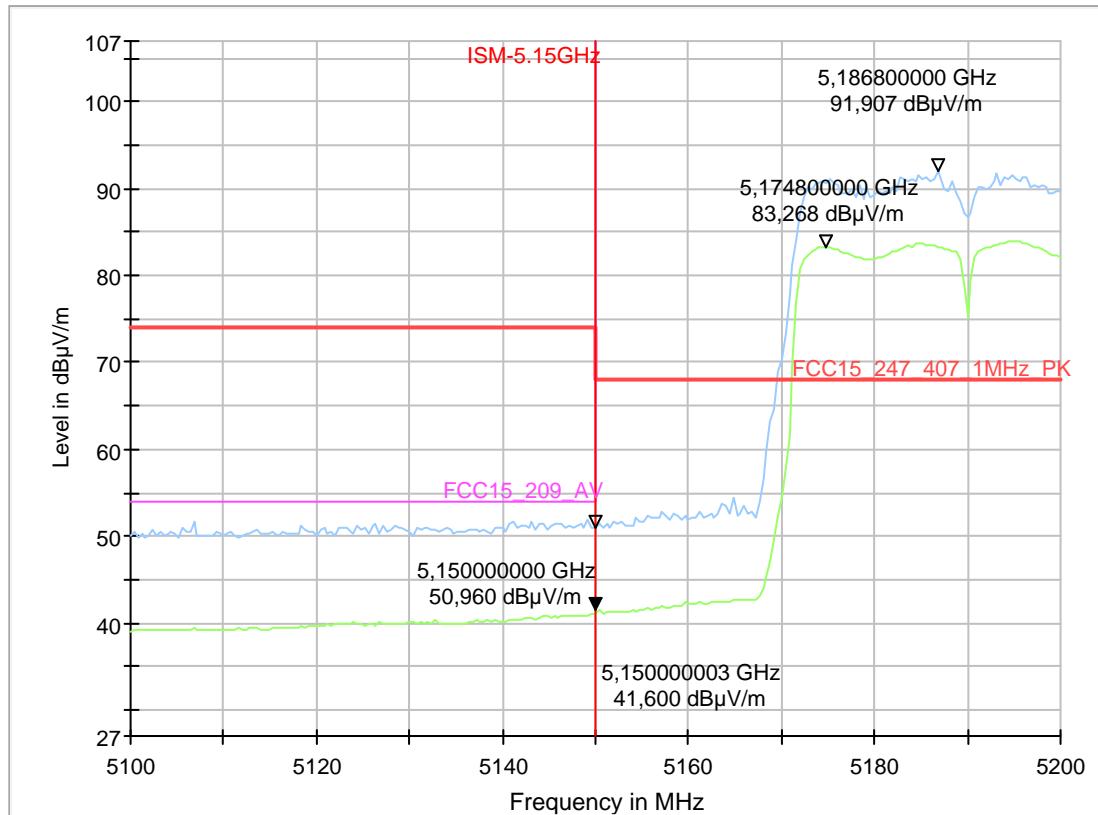


Diagram No.: 9.34_BE_11ac_ch46_40MHz_VHT_SS1_MCS6**Common Information**

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

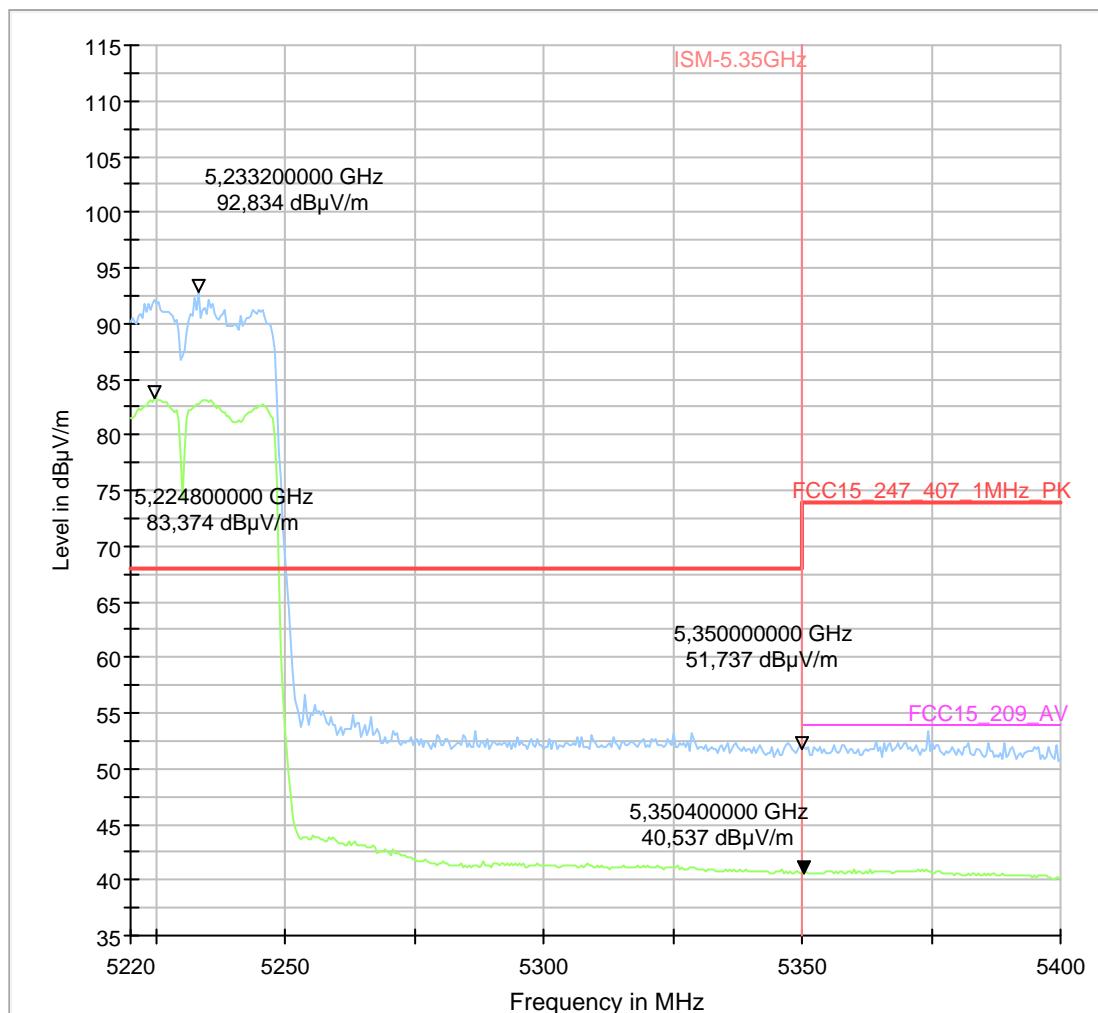
Full Spectrum

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

Full Spectrum

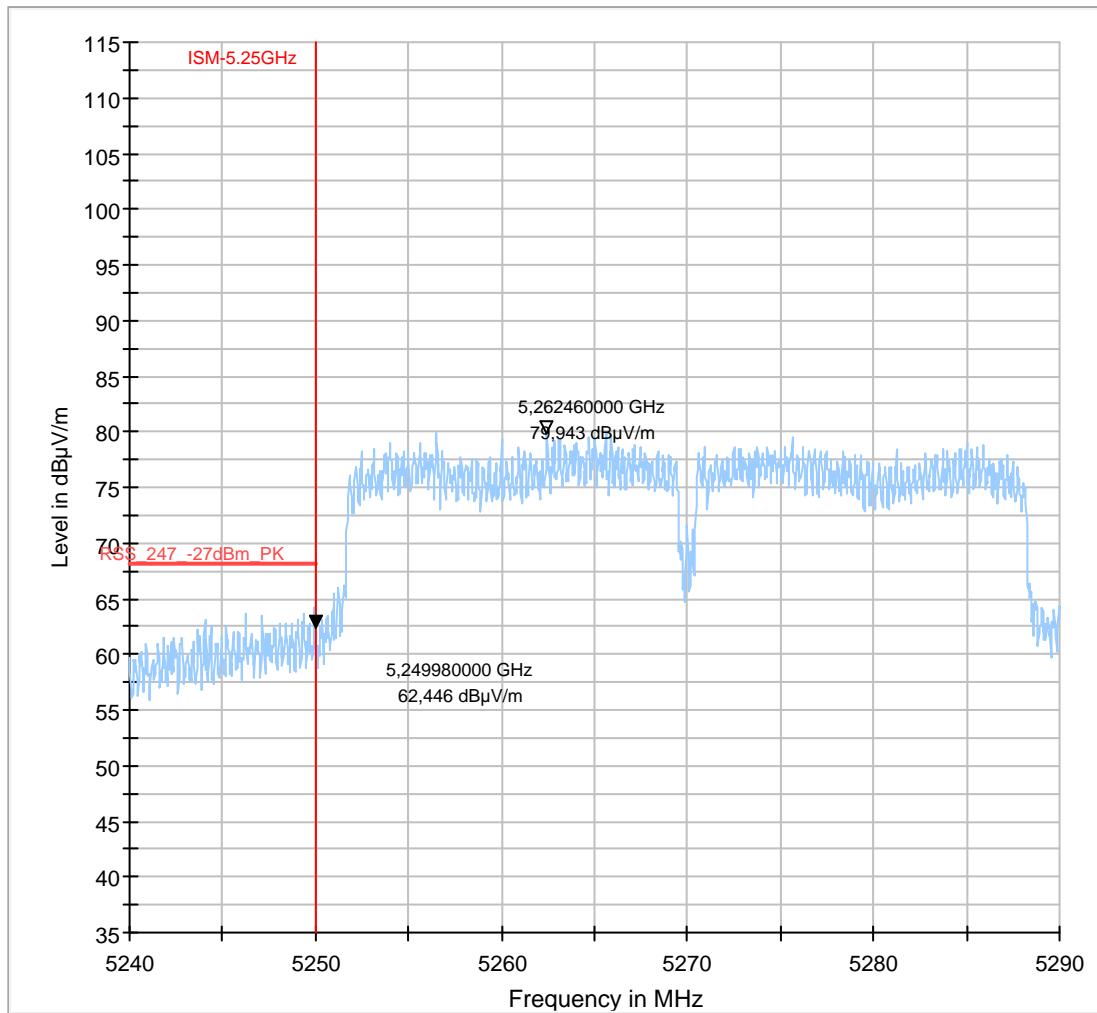


Diagram No.: 9.36_BE_11ac_ch62_40MHz_VHT_SS1_MCS6**Common Information**

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: KIV

EUT Information

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

Full Spectrum

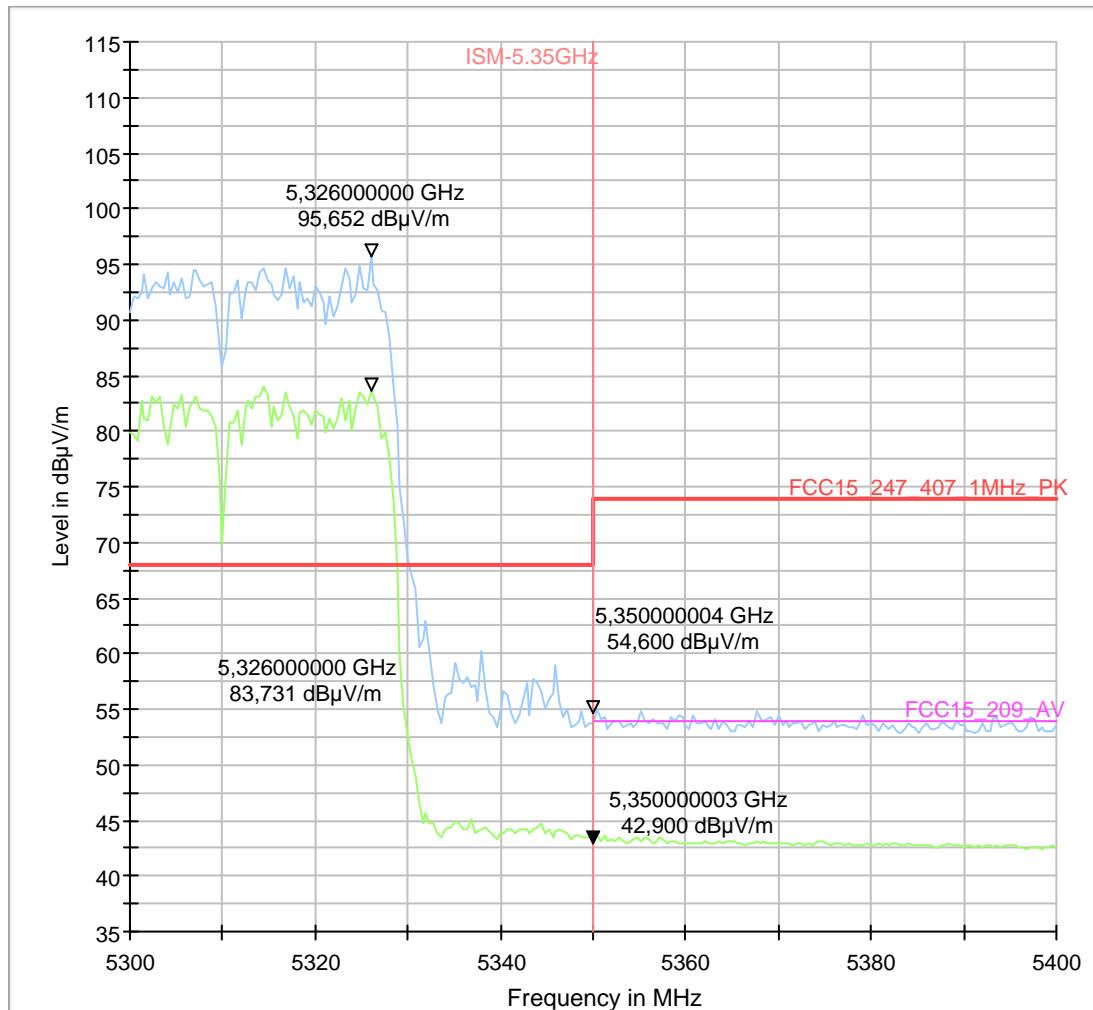


Diagram No.: 9.37_BE_11ac_ch102_40MHz_VHT_SS1_MCS6

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

Full Spectrum

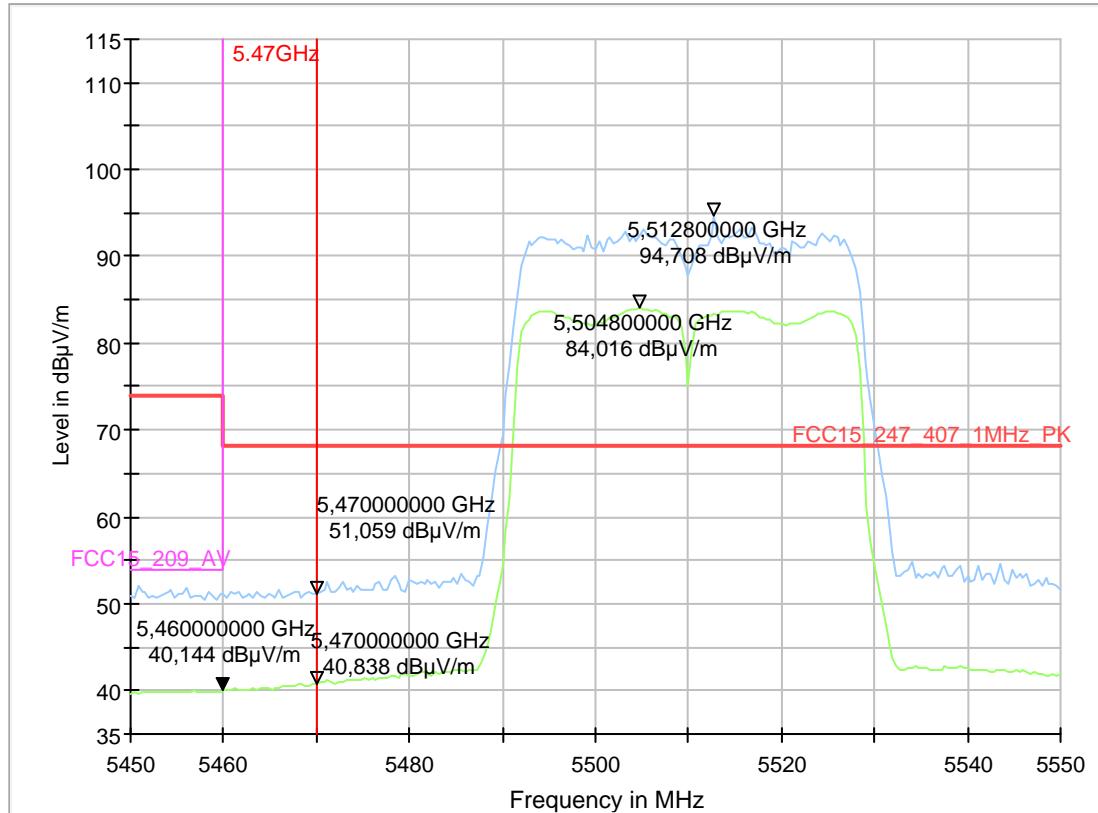


Diagram No.: 9.38_BE_11ac_ch134_40MHz_VHT_SS1_MCS6**Common Information**

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: KIV

EUT Information

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

Full Spectrum

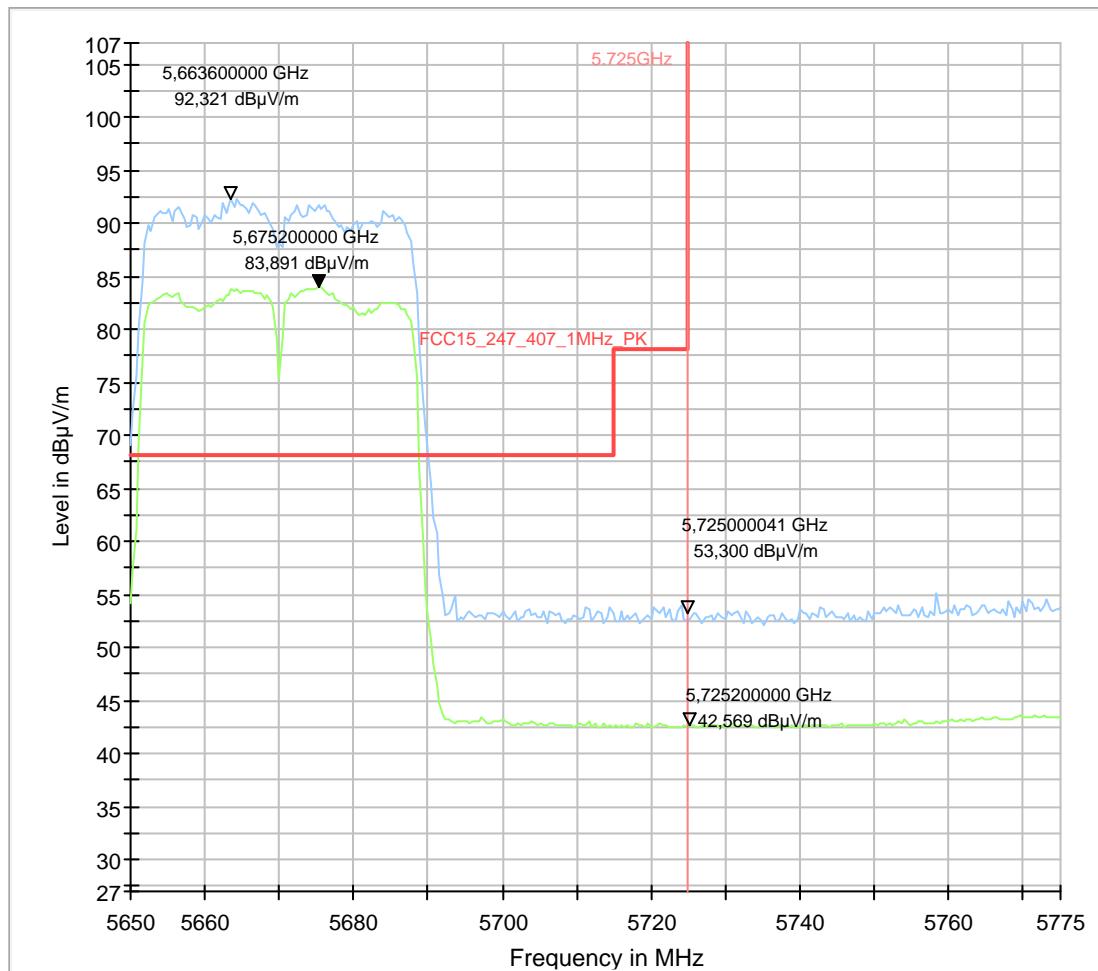


Diagram No.: 9.39_BE_11ac_ch151_40MHz_VHT_SS1_MCS6

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: KIV

EUT Information

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

Full Spectrum

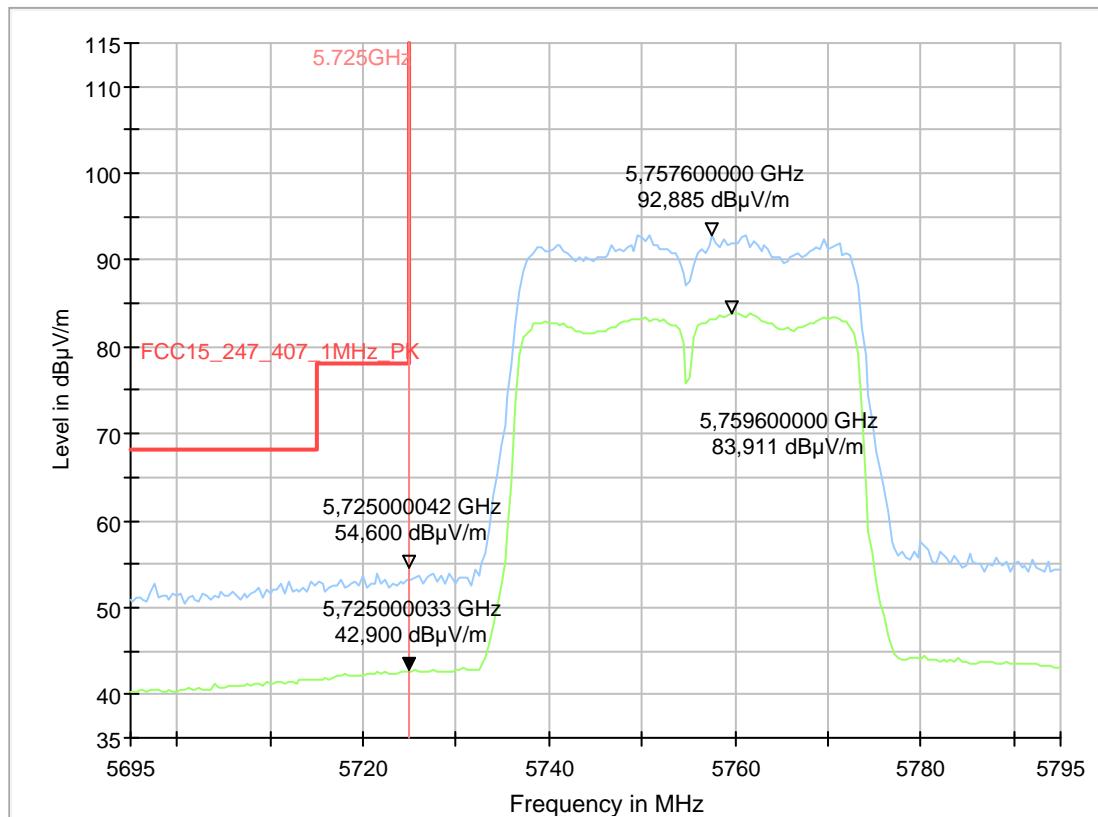


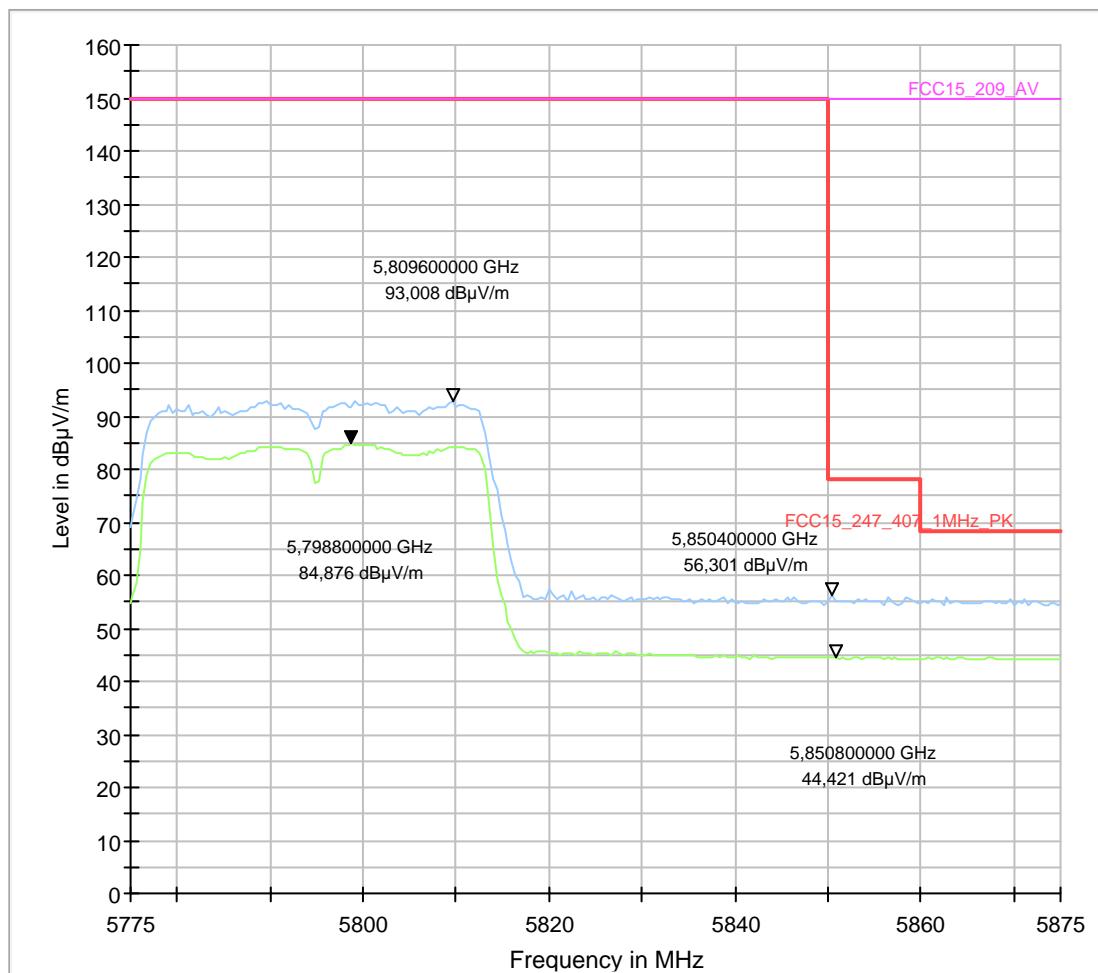
Diagram No.: 9.40_BE_11ac_ch159_40MHz_VHT_SS1_MCS6**Common Information**

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

Full Spectrum



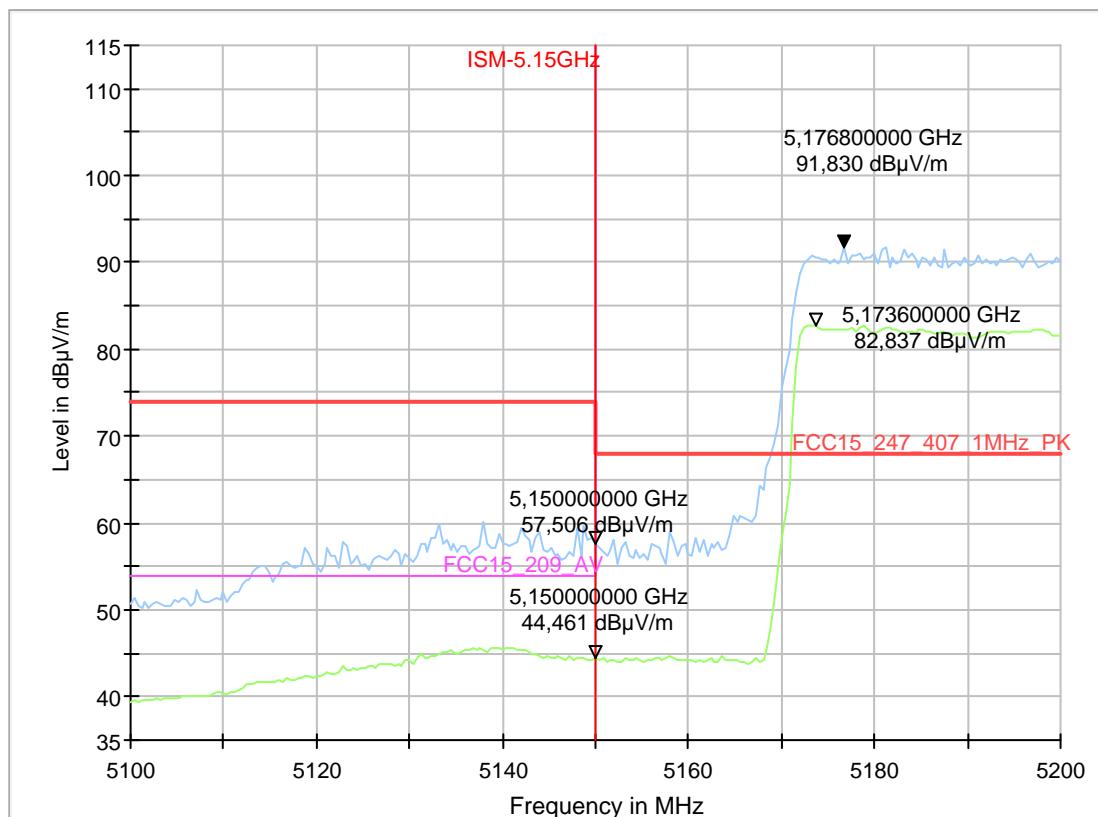
3.3. Radiated Band Edge for 80MHz Bandwidth ac Mode**9.41a_BE_11ac_ch42_80MHz_VHT_SS1_MCS0****Common Information**

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

Full Spectrum

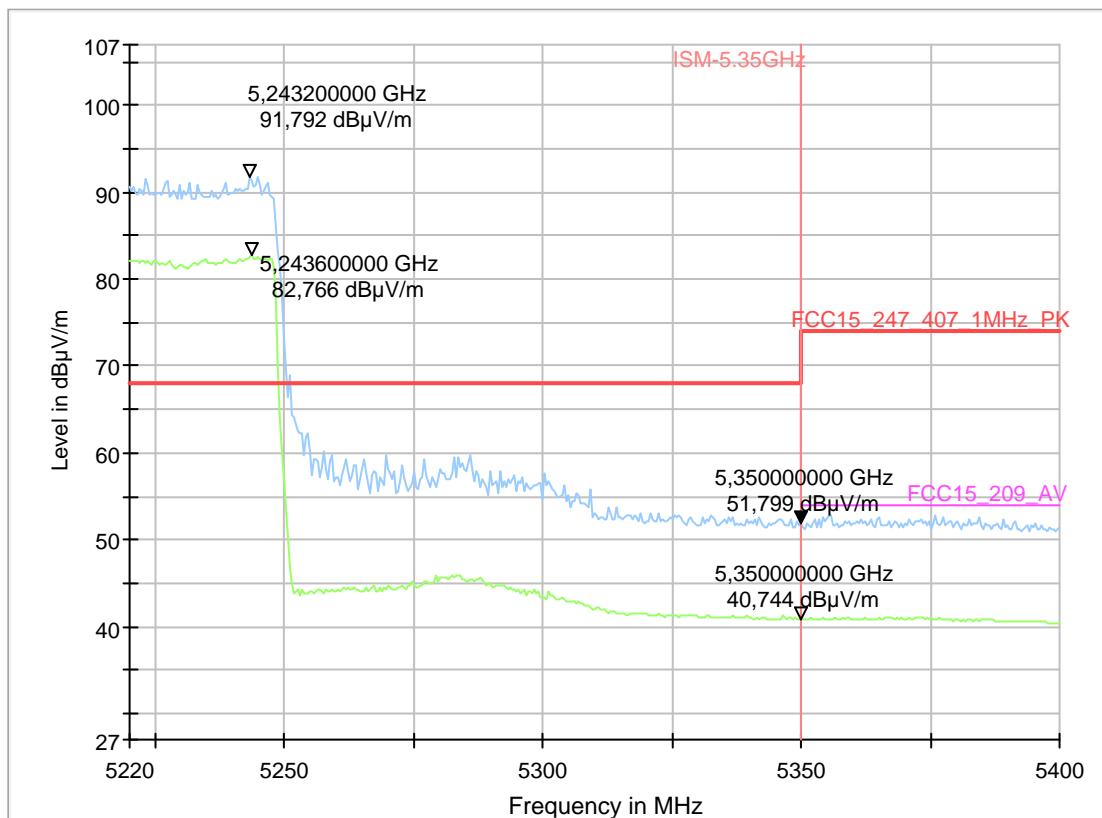


Diagram No.: 9.42b_BE_11ac_ch58_80MHz_VHT_SS1_MCS0

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

Full Spectrum

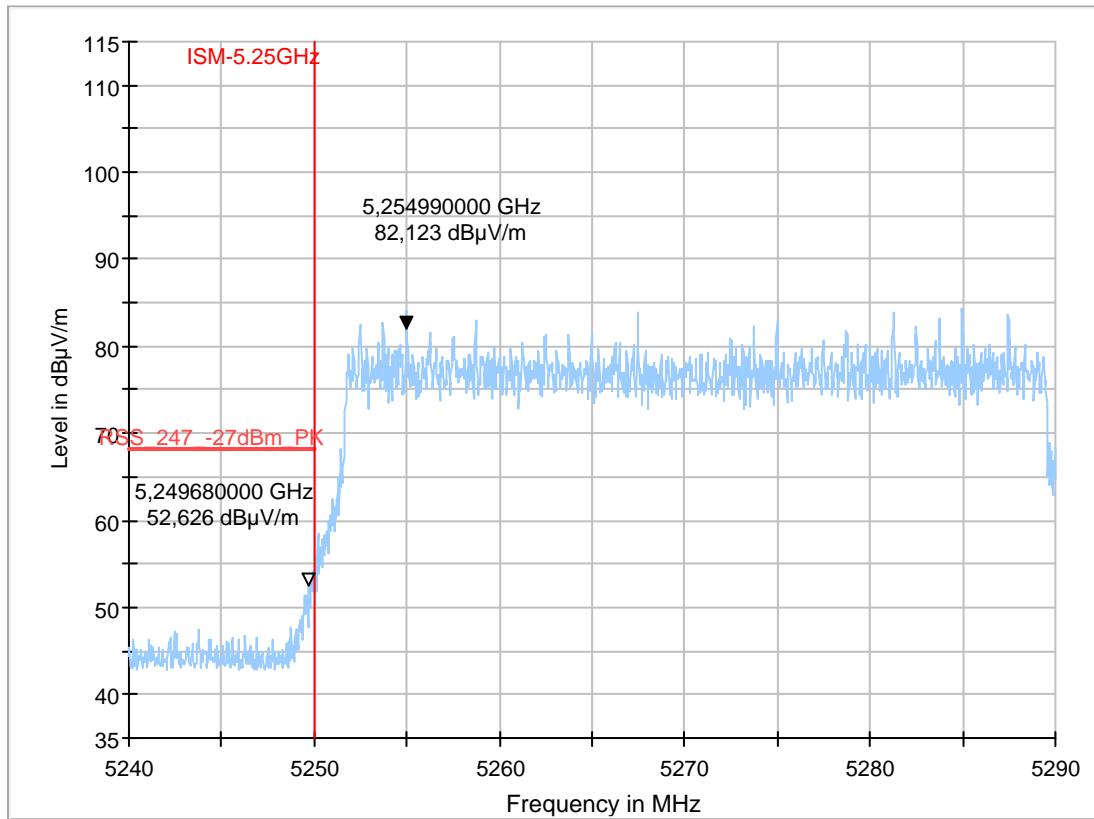


Diagram No.: 9.42d_BE_11ac_ch58_80MHz_VHT_SS1_MCS0

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

Full Spectrum

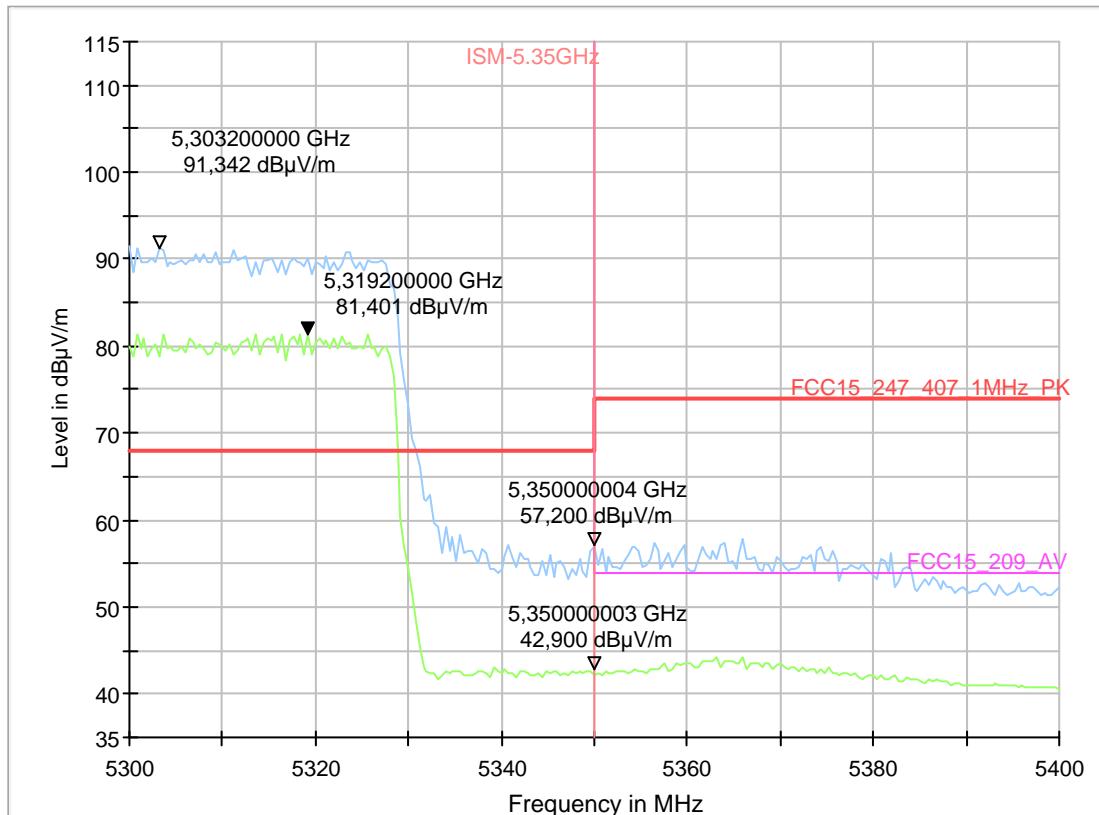


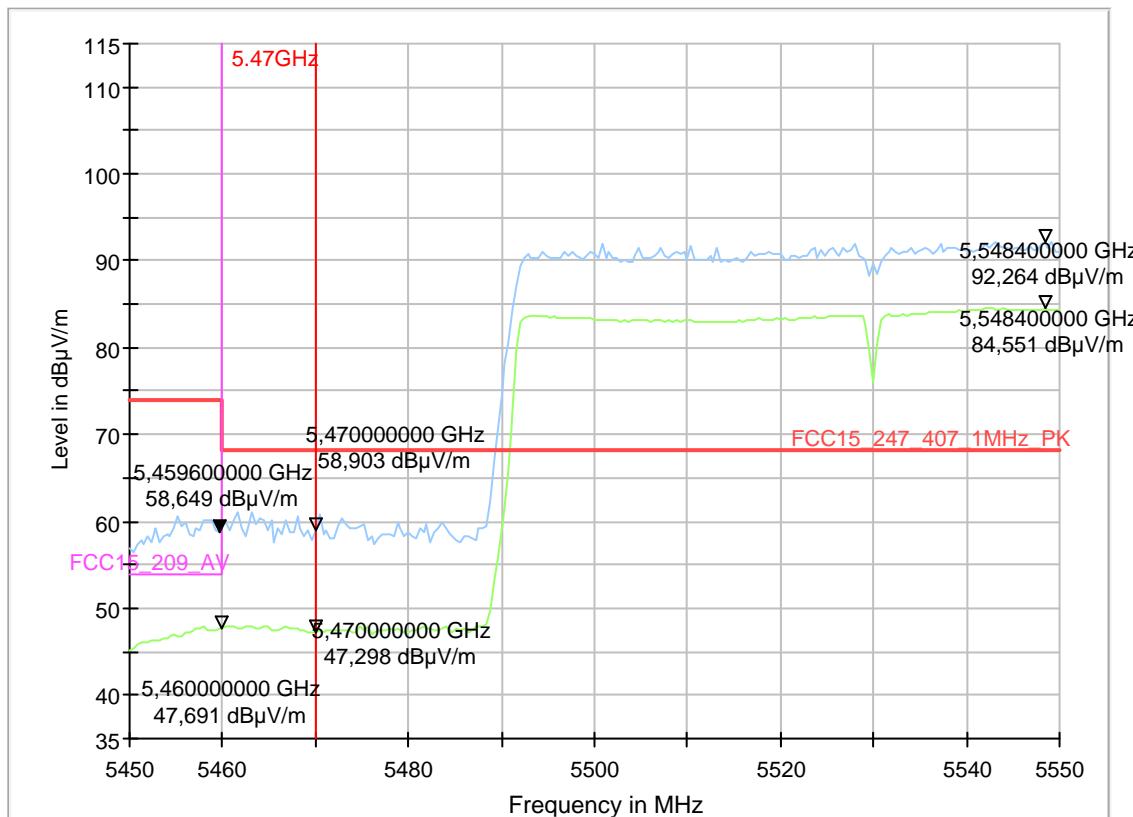
Diagram No.: 9.43_BE_11ac_ch106_80MHz_VHT_SS1_MCS0**Common Information**

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

Full Spectrum

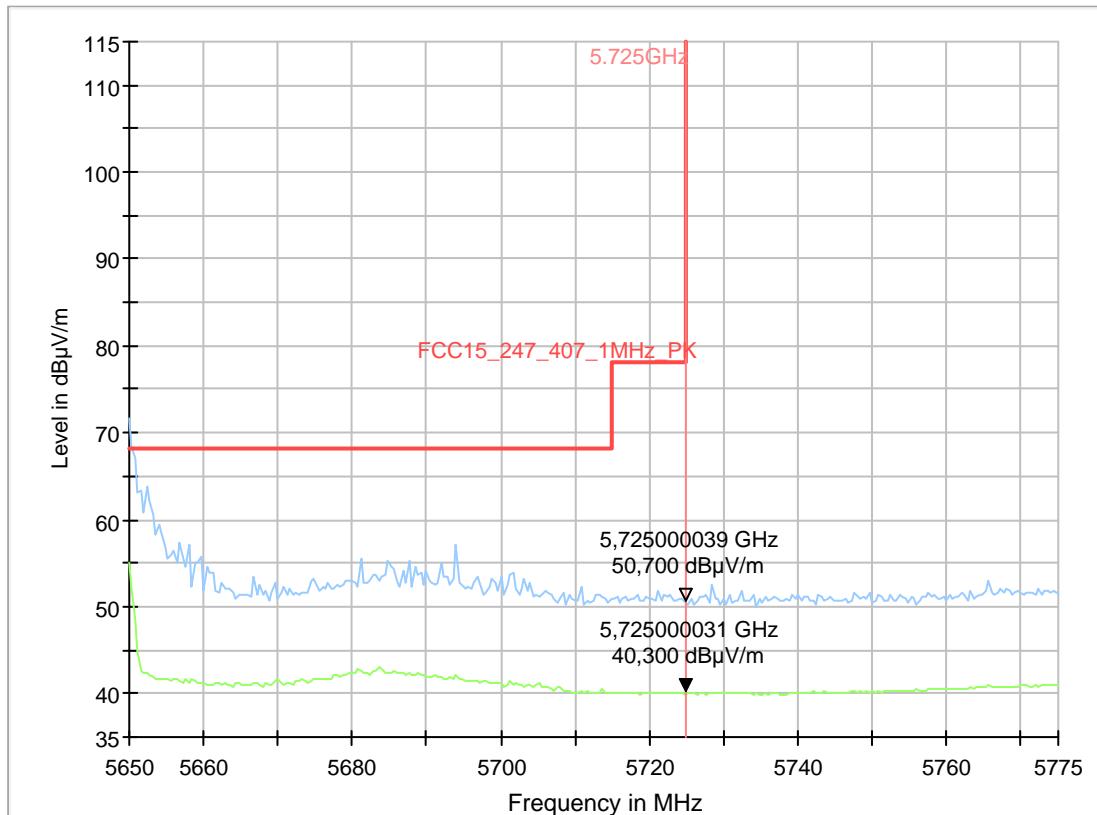


Diagram No.: 9.45a_BE_11ac_ch155_80MHz_VHT_SS1_MCS0**Common Information**

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

Full Spectrum

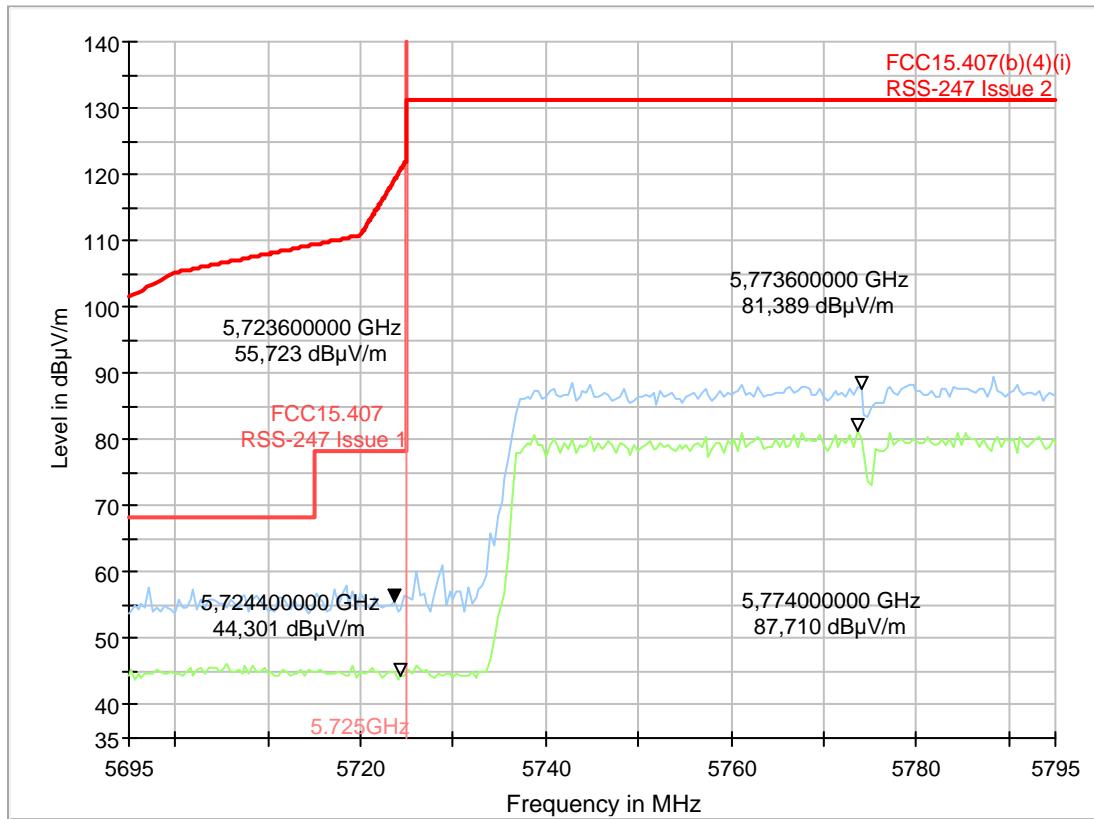


Diagram No.: 9.45b_BE_11ac_ch155_80MHz_VHT_SS1_MCS0

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

Full Spectrum

