

Annex 1: Measurement diagrams to  
**TEST REPORT**  
No.: 18-1-0248301T07a

According to:

**CFR Title 47, Part 15, Subpart C**  
§15.247 (DTS)

**ISED-Regulations**  
RSS-Gen, Issue 5  
RSS-247, Issue 2

for

**Robert Bosch Car Multimedia GmbH**

**AIVIV10**  
**Multimedia device with Bluetooth and WLAN**

FCC ID: YBN-AIVIV10  
ISED: 9595A-AIVIV10

Laboratory Accreditation



accredited according to DIN EN ISO/IEC 17025

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# 1. Conducted Measurements

## 1.1. Conducted output power

### EUT Information

|               |                                           |
|---------------|-------------------------------------------|
| Manufacturer: | Robert Bosch Car Multimedia GmbH          |
| Model:        | AIVIV10                                   |
| Type:         | Multimedia device with Bluetooth and WLAN |
| HW-Version    | 001                                       |
| SW-Version    | 1049                                      |
| Comment:      | 0005057                                   |

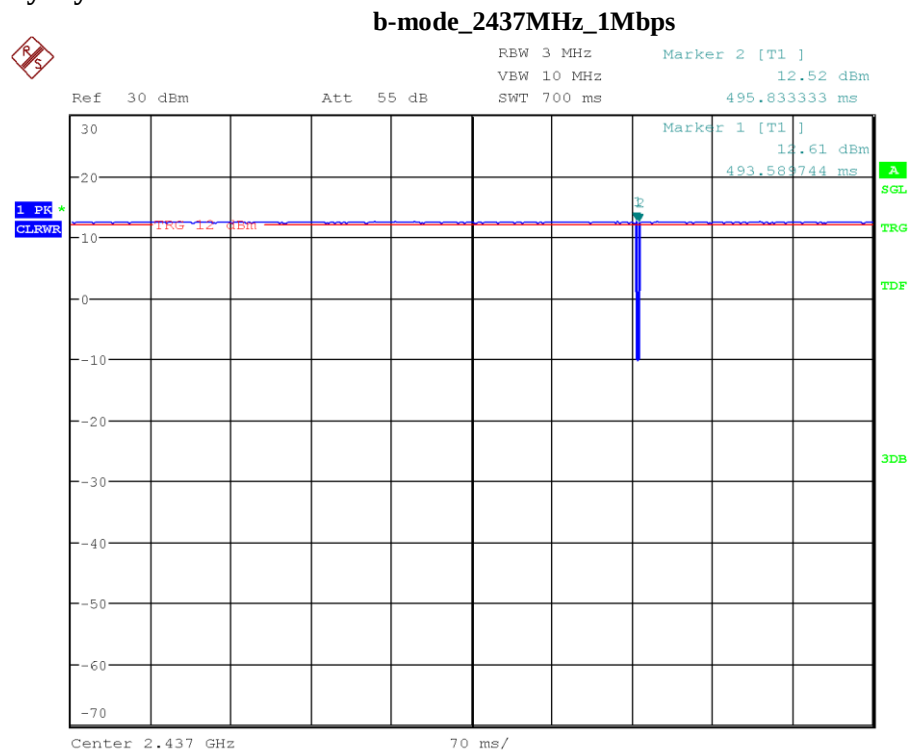
| b-Mode    | Channel No. (Frequency MHz) |          |           | Maximum Power      |     |
|-----------|-----------------------------|----------|-----------|--------------------|-----|
| Data rate | 1 (2412)                    | 6 (2437) | 11 (2462) | WLAN 2.4GHz b-Mode |     |
| 1Mbit/s   | 10.84                       | 10.15    | 10.75     | 10.84              | dBm |
| 2Mbit/s   | 10.75                       | 9.92     | 10.77     |                    |     |
| 5.5Mbit/s | 9.84                        | 9.07     | 10.14     |                    |     |
| 11Mbit/s  | 10.29                       | 9.56     | 10.19     |                    |     |

| g-Mode    | Channel No. (Frequency MHz) |          |           | Max Rated Power    |     |
|-----------|-----------------------------|----------|-----------|--------------------|-----|
| Data rate | 1 (2412)                    | 6 (2437) | 11 (2462) | WLAN 2.4GHz g-mode |     |
| 6Mbit/s   | 8.37                        | 7.27     | 8.31      | 8.47               | dBm |
| 9Mbit/s   | 8.38                        | 7.57     | 8.33      |                    |     |
| 12Mbit/s  | 8.47                        | 7.31     | 8.38      |                    |     |
| 18Mbit/s  | 8.42                        | 7.22     | 8.30      |                    |     |
| 24Mbit/s  | 8.38                        | 7.22     | 8.36      |                    |     |
| 36Mbit/s  | 8.04                        | 7.22     | 8.36      |                    |     |
| 48Mbit/s  | 8.29                        | 7.23     | 8.38      |                    |     |
| 54Mbit/s  | 7.99                        | 7.14     | 8.47      |                    |     |

| n-Mode HT20     | Channel No. (Frequency MHz) |          |           | Max Rated Power         |     |
|-----------------|-----------------------------|----------|-----------|-------------------------|-----|
| Data rate       | 1 (2412)                    | 6 (2437) | 11 (2462) | WLAN 2.4GHz n-mode HT20 |     |
| MCS0 - 6.5Mbps  | 8.30                        | 7.33     | 8.47      | 8.47                    | dBm |
| MCS1 - 13Mbps   | 8.01                        | 7.36     | 8.45      |                         |     |
| MCS2 - 19.5Mbps | 8.08                        | 7.37     | 8.38      |                         |     |
| MCS3 - 26Mbps   | 8.05                        | 7.27     | 8.03      |                         |     |
| MCS4 -39Mbps    | 8.03                        | 7.31     | 8.46      |                         |     |
| MCS5 - 52MBps   | 7.98                        | 7.26     | 8.33      |                         |     |
| MCS6 - 58.5MBps | 7.98                        | 7.27     | 8.03      |                         |     |
| MCS7 - 65MBps   | 8.34                        | 7.21     | 8.37      |                         |     |

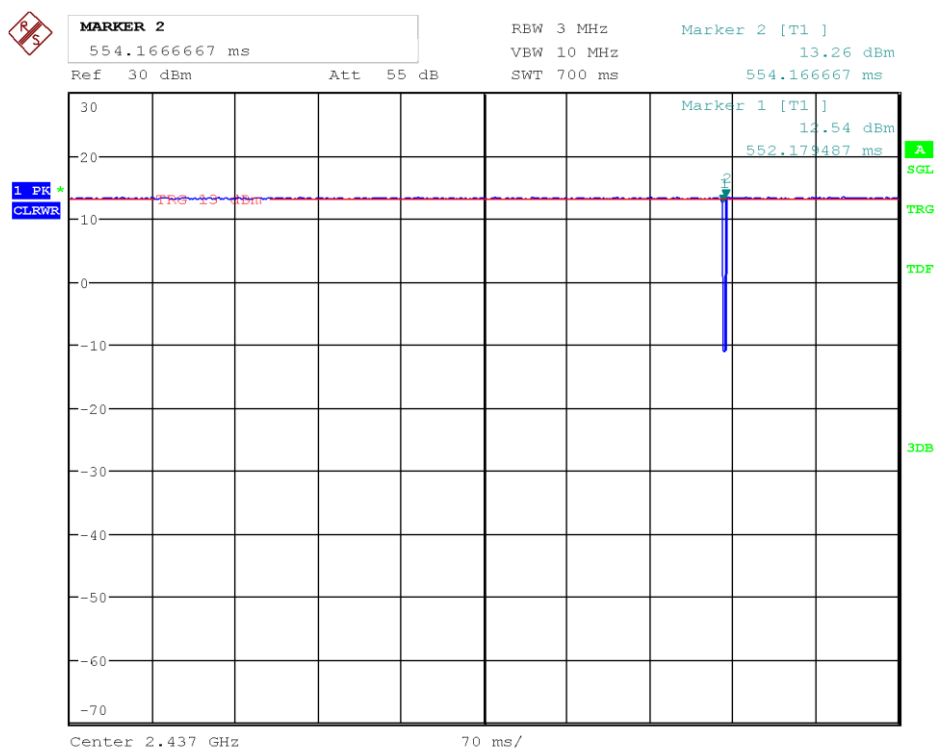
| n-Mode HT40 | Channel No. (Frequency MHz) |         |          | Max Rated Power         |     |
|-------------|-----------------------------|---------|----------|-------------------------|-----|
| Data rate   | 3 (2422)                    | 6(2437) | 9 (2452) | WLAN 2.4GHz n-mode HT40 |     |
| MCS0        | 8.07                        | 7.83    | 7.87     | 7.83                    | dBm |
| MCS1        | 7.71                        | 7.32    | 7.92     |                         |     |
| MCS2        | 7.79                        | 7.33    | 7.88     |                         |     |
| MCS3        | 7.84                        | 7.43    | 7.89     |                         |     |
| MCS4        | 7.80                        | 7.57    | 7.86     |                         |     |
| MCS5        | 7.83                        | 7.79    | 7.86     |                         |     |
| MCS6        | 8.08                        | 7.80    | 7.84     |                         |     |
| MCS7        | 8.12                        | 7.59    | 7.68     |                         |     |

## 1.2. Duty Cycle



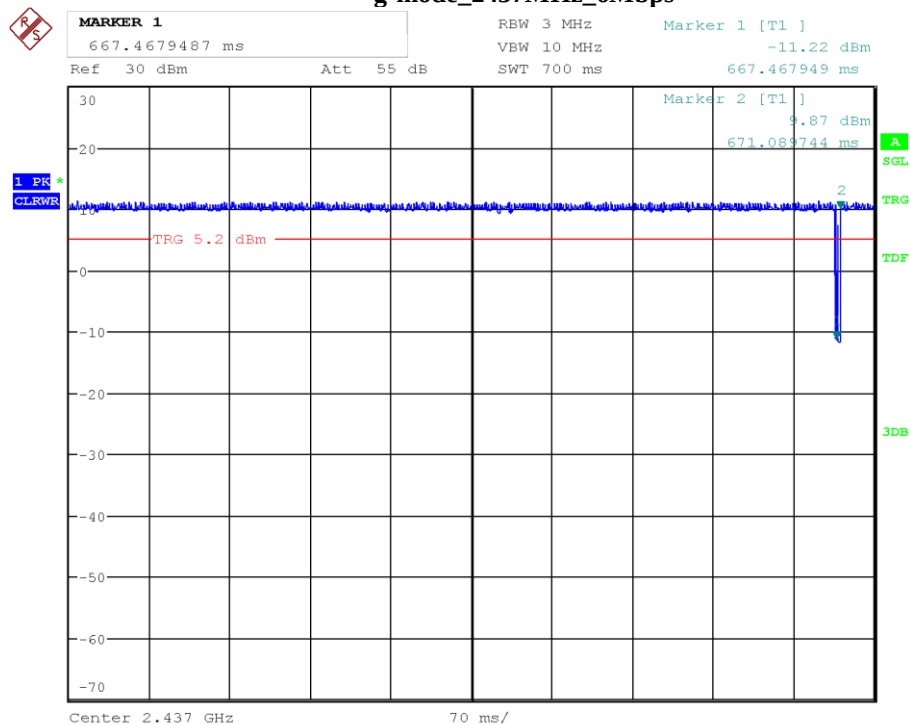
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b-mode\_2437MHz\_11Mbps



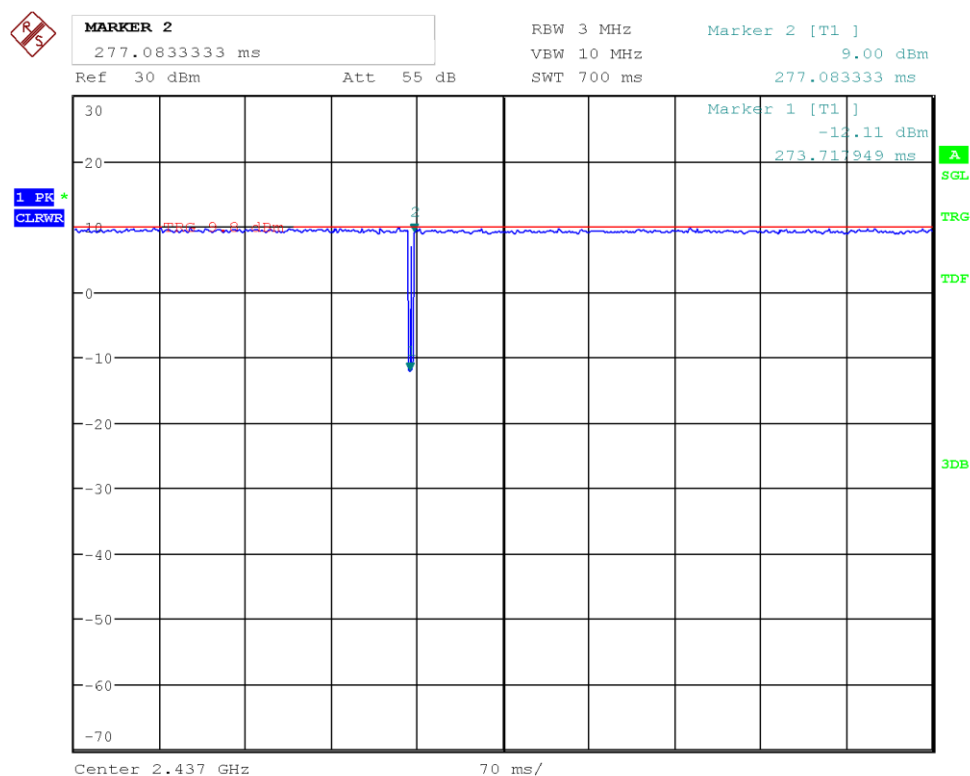
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## g-mode\_2437MHz\_6Mbps



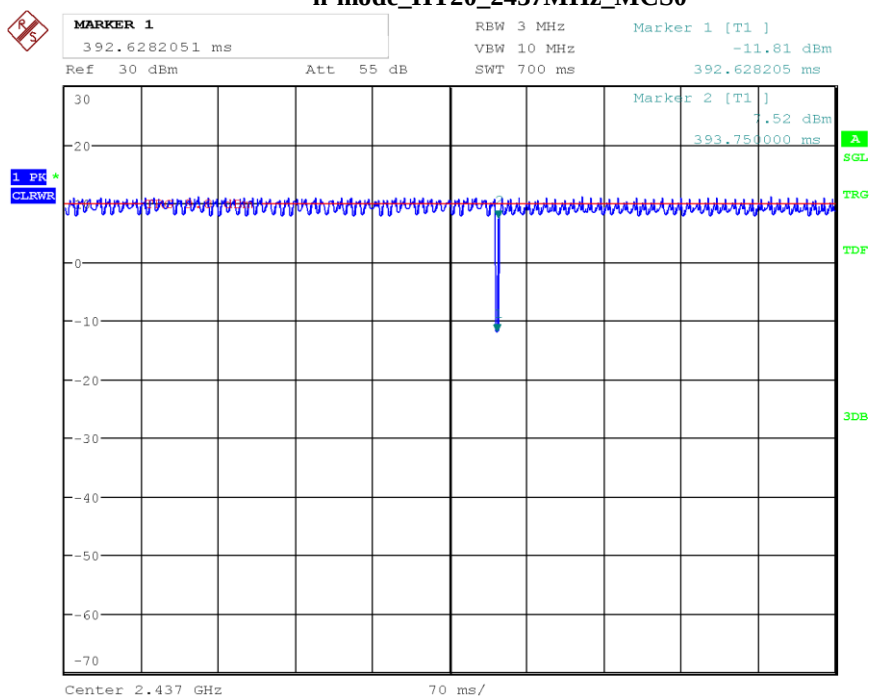
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## g-mode\_2437MHz\_12Mbps



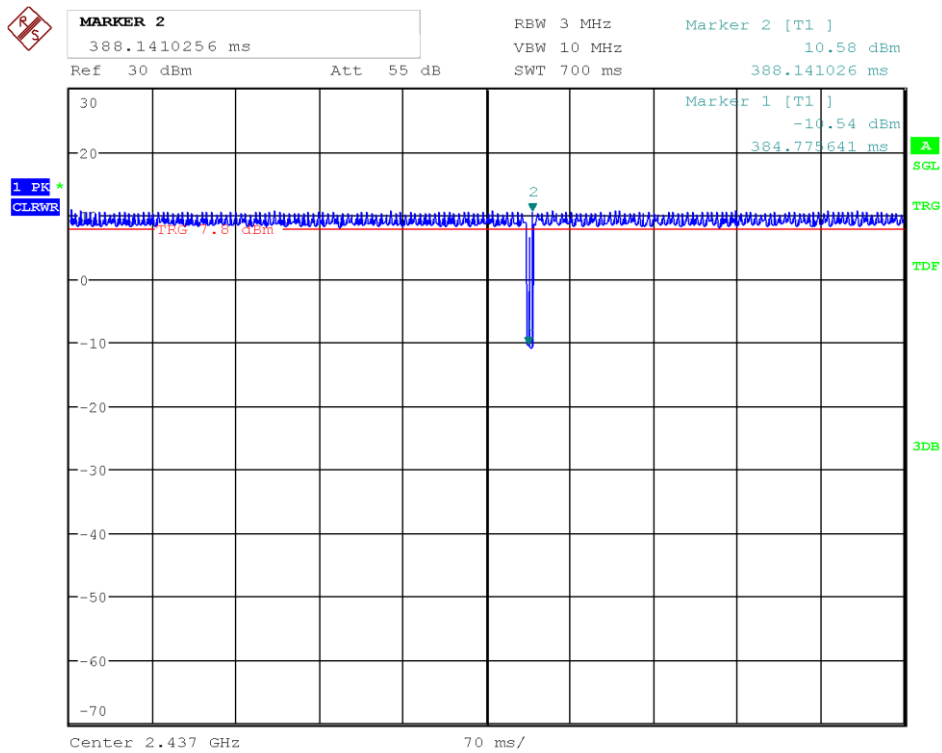
Date: 11.OCT.2019 10:46:05

## n-mode\_HT20\_2437MHz\_MCS0



Date: 11.OCT.2019 10:49:28

## n-mode\_HT20\_2437MHz\_MCS7



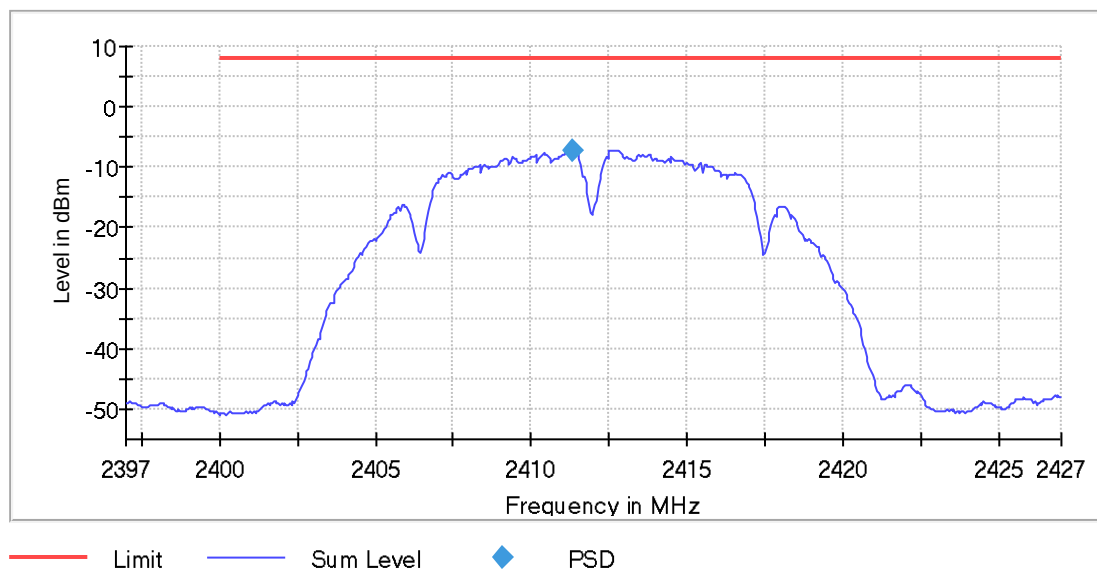
Date: 11.OCT.2019 10:51:34

### 1.3. Power Spectral Density

#### Power Spectral Density (2412 MHz; b-mode [01Mbps] (14 dBm); 20 MHz)

#### Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 2412.000000         | 2411.350000     | -7.099    | 8.0             | PASS   |



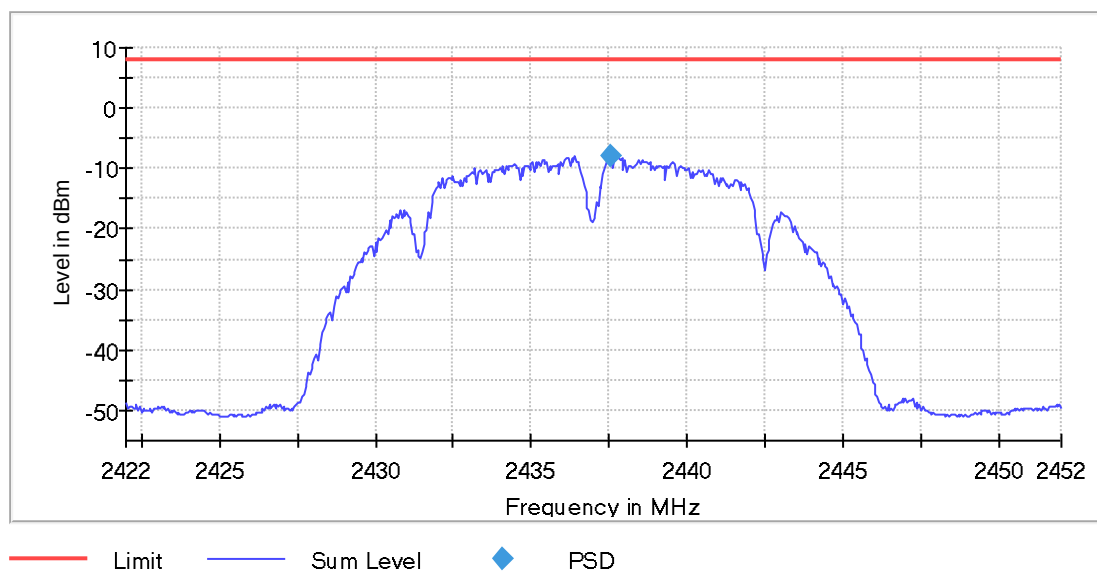
#### Measurement

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| Start Frequency       | 2.39700 GHz      | 2.39700 GHz    |
| Stop Frequency        | 2.42700 GHz      | 2.42700 GHz    |
| Span                  | 30.000 MHz       | 30.000 MHz     |
| RBW                   | 100.000 kHz      | <= 100.000 kHz |
| VBW                   | 300.000 kHz      | >= 300.000 kHz |
| SweepPoints           | 601              | ~ 600          |
| Sweeptime             | 3.100 s          | 3.005 s        |
| Reference Level       | 10.000 dBm       | 10.000 dBm     |
| Attenuation           | 35.000 dB        | AUTO           |
| Detector              | RMS              | RMS            |
| SweepCount            | 1                | 1              |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | Sweep            | Sweep          |
| Preamp                | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.50 dB          | 0.50 dB        |
| Run                   | 14 / max. 150    | max. 150       |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.48 dB          | 0.50 dB        |

## Power Spectral Density (2437 MHz; b-mode [01Mbps] (14 dBm); 20 MHz)

### Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 2437.000000         | 2437.550000     | -8.001    | 8.0             | PASS   |



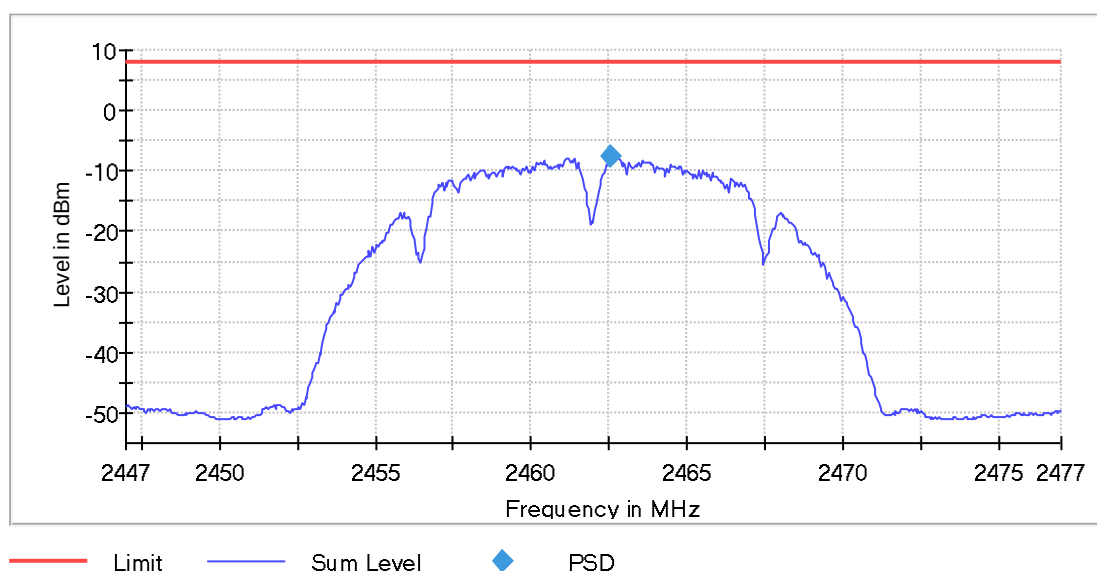
### Measurement

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| Start Frequency       | 2.42200 GHz      | 2.42200 GHz    |
| Stop Frequency        | 2.45200 GHz      | 2.45200 GHz    |
| Span                  | 30.000 MHz       | 30.000 MHz     |
| RBW                   | 100.000 kHz      | <= 100.000 kHz |
| VBW                   | 300.000 kHz      | >= 300.000 kHz |
| SweepPoints           | 601              | ~ 600          |
| SweepTime             | 3.100 s          | 3.005 s        |
| Reference Level       | 10.000 dBm       | 10.000 dBm     |
| Attenuation           | 35.000 dB        | AUTO           |
| Detector              | RMS              | RMS            |
| SweepCount            | 1                | 1              |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | Sweep            | Sweep          |
| Preamp                | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.50 dB          | 0.50 dB        |
| Run                   | 13 / max. 150    | max. 150       |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.33 dB          | 0.50 dB        |

## Power Spectral Density (2462 MHz; b-mode [01Mbps] (14 dBm); 20 MHz)

### Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 2462.000000         | 2462.550000     | -7.685    | 8.0             | PASS   |



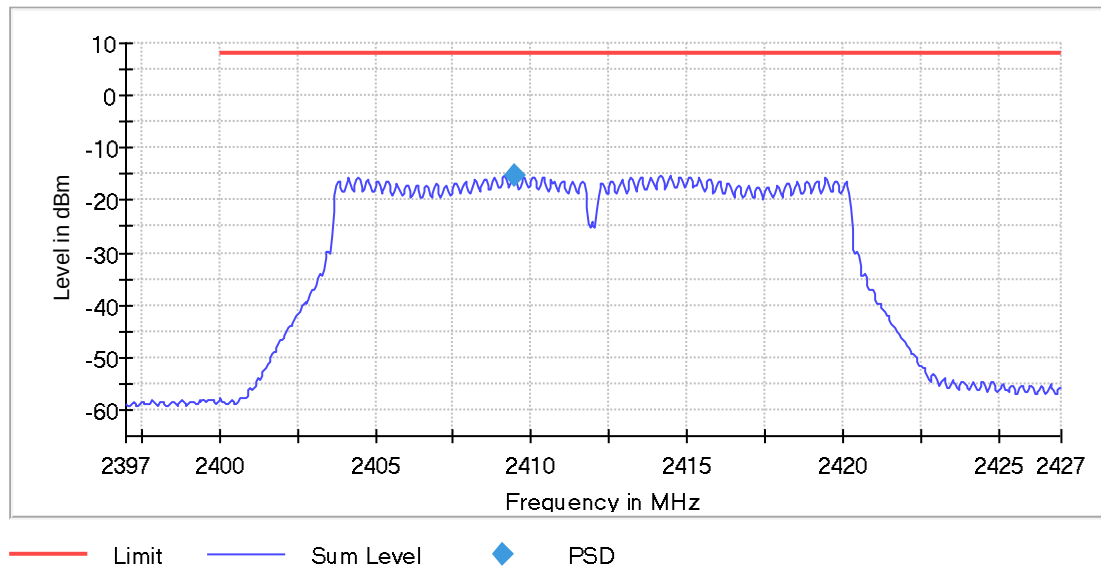
### Measurement

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| Start Frequency       | 2.44700 GHz      | 2.44700 GHz    |
| Stop Frequency        | 2.47700 GHz      | 2.47700 GHz    |
| Span                  | 30.000 MHz       | 30.000 MHz     |
| RBW                   | 100.000 kHz      | <= 100.000 kHz |
| VBW                   | 300.000 kHz      | >= 300.000 kHz |
| SweepPoints           | 601              | ~ 600          |
| SweepTime             | 3.100 s          | 3.005 s        |
| Reference Level       | 10.000 dBm       | 10.000 dBm     |
| Attenuation           | 35.000 dB        | AUTO           |
| Detector              | RMS              | RMS            |
| SweepCount            | 1                | 1              |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | Sweep            | Sweep          |
| Preamp                | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.50 dB          | 0.50 dB        |
| Run                   | 15 / max. 150    | max. 150       |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.48 dB          | 0.50 dB        |

## Power Spectral Density (2412 MHz; g-mode [12Mbps] (11 dBm); 20 MHz)

### Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 2412.000000         | 2409.450000     | -15.206   | 8.0             | PASS   |



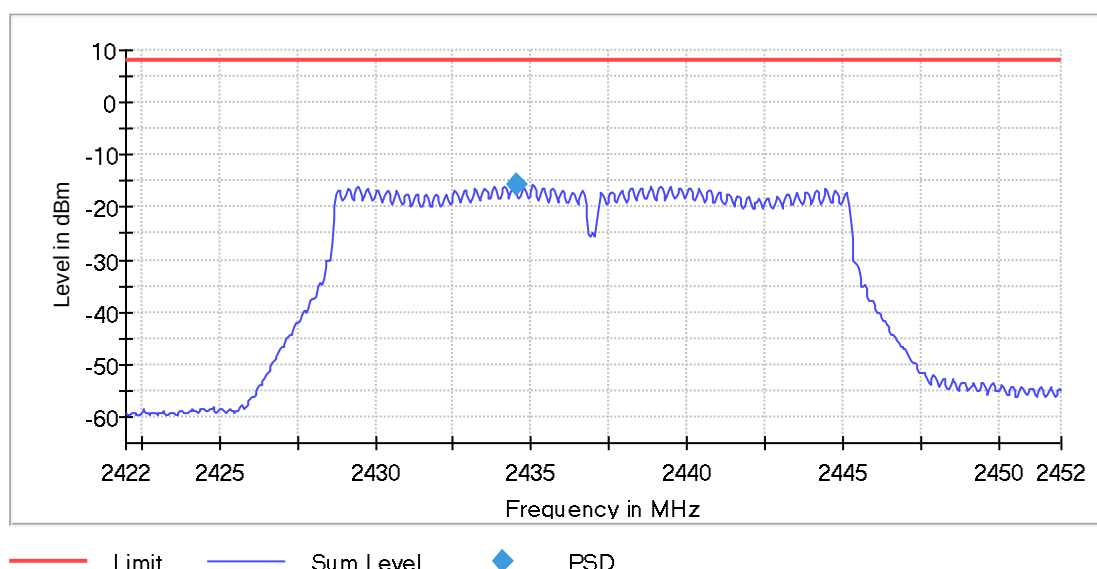
### Measurement

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| Start Frequency       | 2.39700 GHz      | 2.39700 GHz    |
| Stop Frequency        | 2.42700 GHz      | 2.42700 GHz    |
| Span                  | 30.000 MHz       | 30.000 MHz     |
| RBW                   | 100.000 kHz      | <= 100.000 kHz |
| VBW                   | 300.000 kHz      | >= 300.000 kHz |
| SweepPoints           | 601              | ~ 600          |
| SweepTime             | 3.100 s          | 3.005 s        |
| Reference Level       | 0.000 dBm        | 0.000 dBm      |
| Attenuation           | 25.000 dB        | AUTO           |
| Detector              | RMS              | RMS            |
| SweepCount            | 1                | 1              |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | Sweep            | Sweep          |
| Preamplifier          | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.50 dB          | 0.50 dB        |
| Run                   | 10 / max. 150    | max. 150       |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.39 dB          | 0.50 dB        |

## Power Spectral Density (2437 MHz; g-mode [12Mbps] (11 dBm); 20 MHz)

### Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 2437.000000         | 2434.500000     | -15.725   | 8.0             | PASS   |



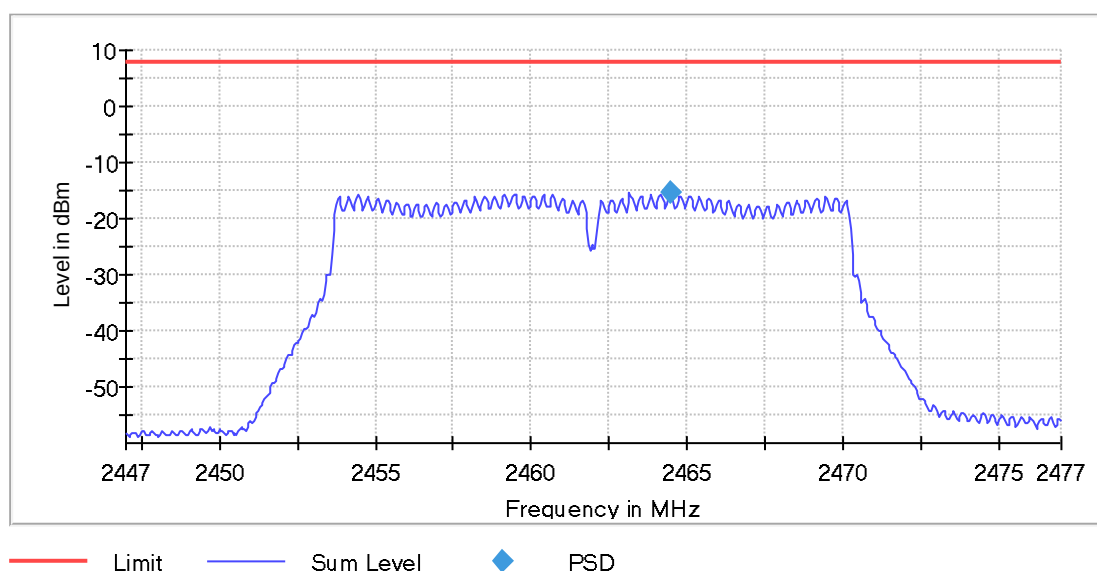
### Measurement

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| Start Frequency       | 2.42200 GHz      | 2.42200 GHz    |
| Stop Frequency        | 2.45200 GHz      | 2.45200 GHz    |
| Span                  | 30.000 MHz       | 30.000 MHz     |
| RBW                   | 100.000 kHz      | <= 100.000 kHz |
| VBW                   | 300.000 kHz      | >= 300.000 kHz |
| SweepPoints           | 601              | ~ 600          |
| SweepTime             | 3.100 s          | 3.005 s        |
| Reference Level       | 0.000 dBm        | 0.000 dBm      |
| Attenuation           | 25.000 dB        | AUTO           |
| Detector              | RMS              | RMS            |
| SweepCount            | 1                | 1              |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | Sweep            | Sweep          |
| Preamp                | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.50 dB          | 0.50 dB        |
| Run                   | 11 / max. 150    | max. 150       |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.21 dB          | 0.50 dB        |

## Power Spectral Density (2462 MHz; g-mode [12Mbps] (11 dBm); 20 MHz)

### Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 2462.000000         | 2464.450000     | -15.526   | 8.0             | PASS   |



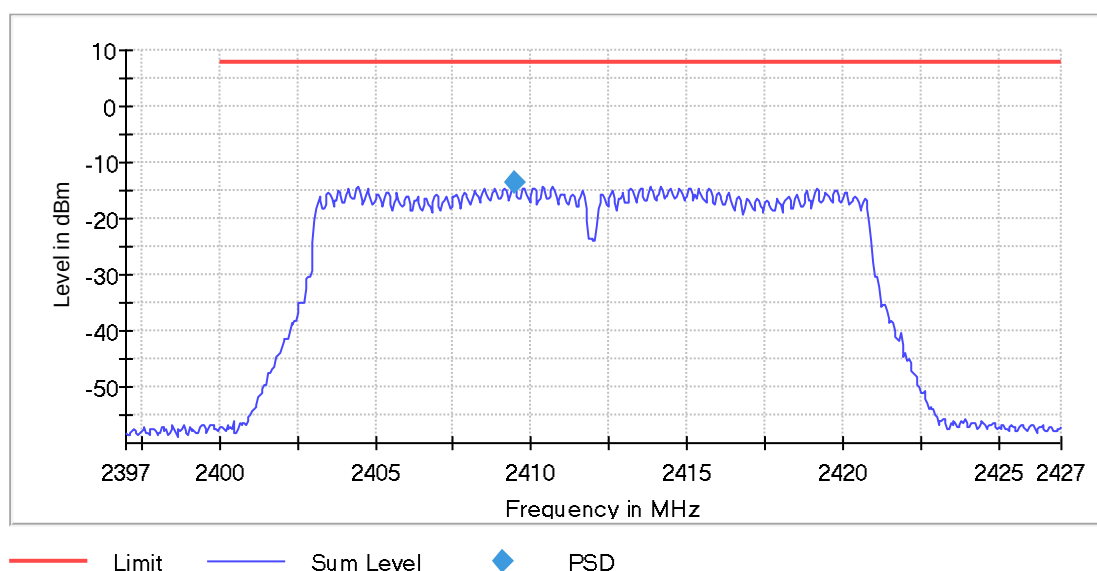
### Measurement

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| Start Frequency       | 2.44700 GHz      | 2.44700 GHz    |
| Stop Frequency        | 2.47700 GHz      | 2.47700 GHz    |
| Span                  | 30.000 MHz       | 30.000 MHz     |
| RBW                   | 100.000 kHz      | <= 100.000 kHz |
| VBW                   | 300.000 kHz      | >= 300.000 kHz |
| SweepPoints           | 601              | ~ 600          |
| SweepTime             | 3.100 s          | 3.005 s        |
| Reference Level       | 0.000 dBm        | 0.000 dBm      |
| Attenuation           | 25.000 dB        | AUTO           |
| Detector              | RMS              | RMS            |
| SweepCount            | 1                | 1              |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | Sweep            | Sweep          |
| Preamp                | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.50 dB          | 0.50 dB        |
| Run                   | 11 / max. 150    | max. 150       |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.38 dB          | 0.50 dB        |

## Power Spectral Density (2412 MHz; n-mode [MCS0] (11 dBm); 20 MHz)

### Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 2412.000000         | 2409.450000     | -13.635   | 8.0             | PASS   |



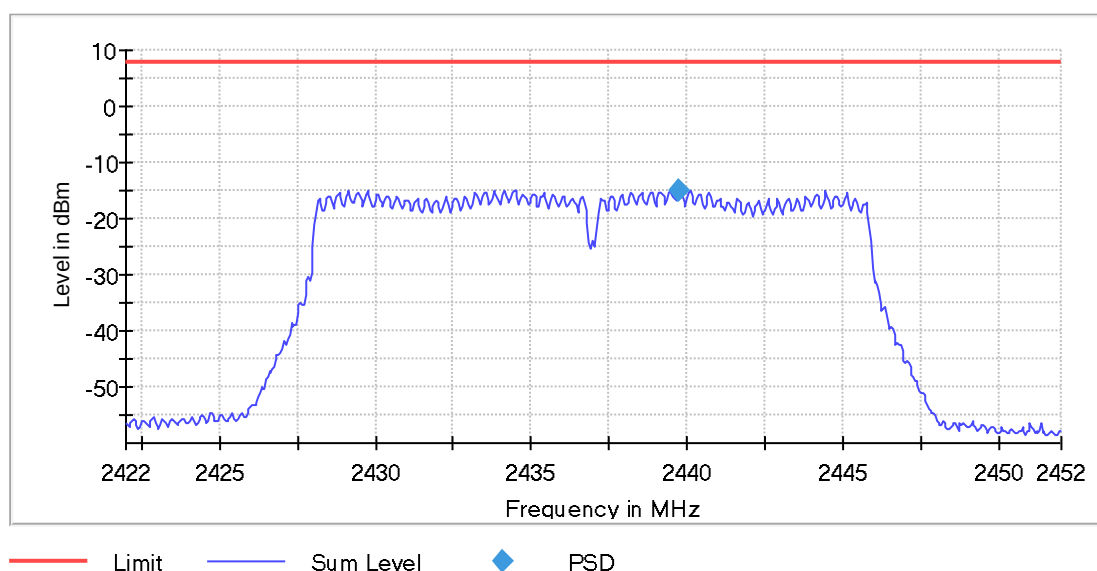
### Measurement

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| Start Frequency       | 2.39700 GHz      | 2.39700 GHz    |
| Stop Frequency        | 2.42700 GHz      | 2.42700 GHz    |
| Span                  | 30.000 MHz       | 30.000 MHz     |
| RBW                   | 100.000 kHz      | <= 100.000 kHz |
| VBW                   | 300.000 kHz      | >= 300.000 kHz |
| SweepPoints           | 601              | ~ 600          |
| SweepTime             | 3.100 s          | 3.005 s        |
| Reference Level       | 0.000 dBm        | 0.000 dBm      |
| Attenuation           | 25.000 dB        | AUTO           |
| Detector              | RMS              | RMS            |
| SweepCount            | 1                | 1              |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | Sweep            | Sweep          |
| Preamp                | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.50 dB          | 0.50 dB        |
| Run                   | 50 / max. 150    | max. 150       |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.47 dB          | 0.50 dB        |

## Power Spectral Density (2437 MHz; n-mode [MCS0] (11 dBm); 20 MHz)

### Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 2437.000000         | 2439.750000     | -14.848   | 8.0             | PASS   |



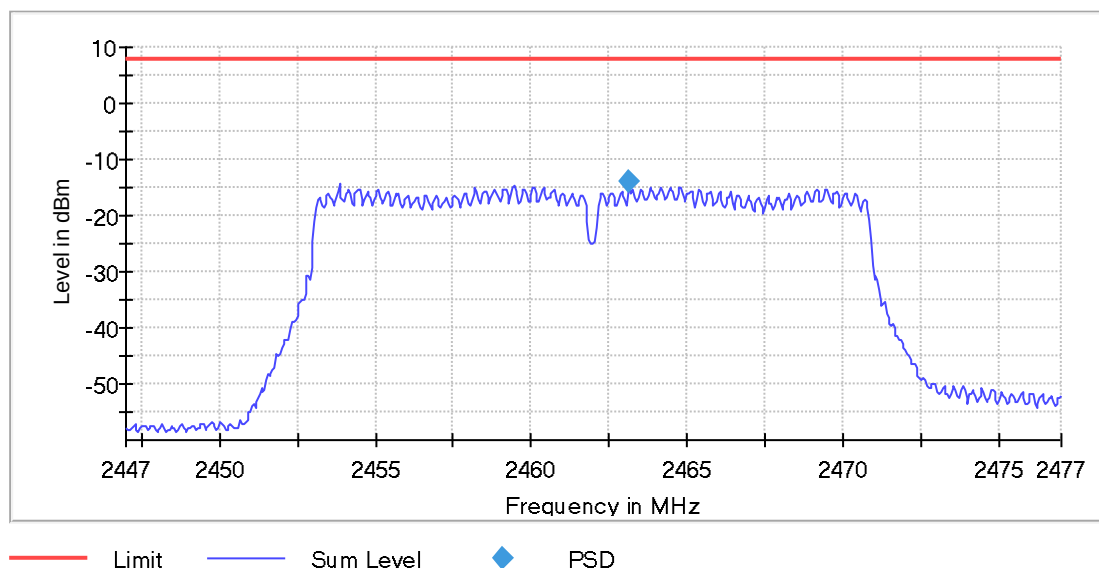
### Measurement

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| Start Frequency       | 2.42200 GHz      | 2.42200 GHz    |
| Stop Frequency        | 2.45200 GHz      | 2.45200 GHz    |
| Span                  | 30.000 MHz       | 30.000 MHz     |
| RBW                   | 100.000 kHz      | <= 100.000 kHz |
| VBW                   | 300.000 kHz      | >= 300.000 kHz |
| SweepPoints           | 601              | ~ 600          |
| SweepTime             | 3.100 s          | 3.005 s        |
| Reference Level       | 0.000 dBm        | 0.000 dBm      |
| Attenuation           | 25.000 dB        | AUTO           |
| Detector              | RMS              | RMS            |
| SweepCount            | 1                | 1              |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | Sweep            | Sweep          |
| Preamp                | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.50 dB          | 0.50 dB        |
| Run                   | 80 / max. 150    | max. 150       |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.48 dB          | 0.50 dB        |

## Power Spectral Density (2462 MHz; n-mode [MCS0] (11 dBm); 20 MHz)

### Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 2462.000000         | 2463.150000     | -13.945   | 8.0             | PASS   |



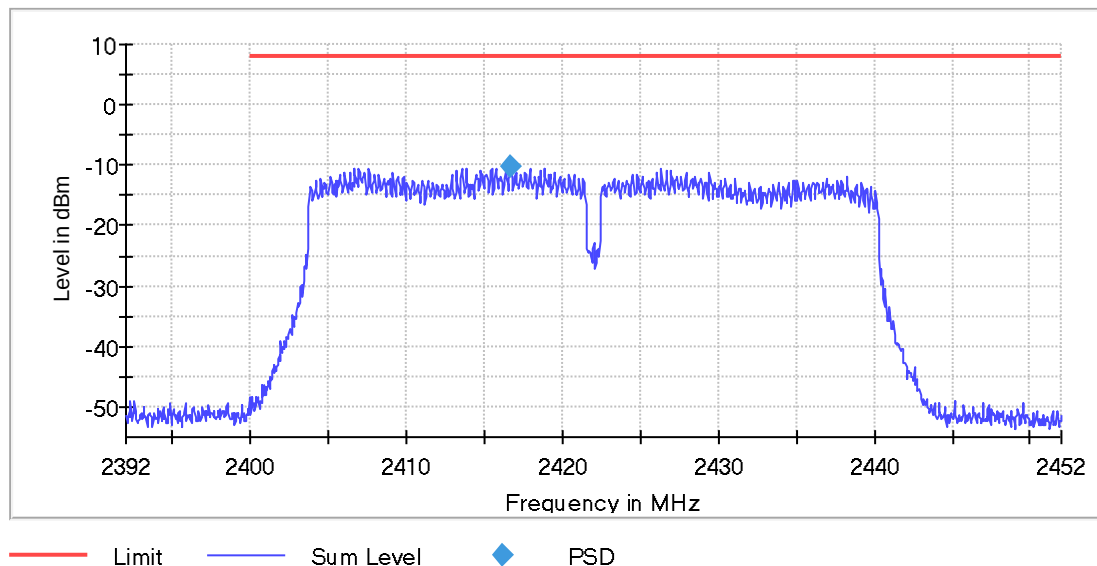
### Measurement

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| Start Frequency       | 2.44700 GHz      | 2.44700 GHz    |
| Stop Frequency        | 2.47700 GHz      | 2.47700 GHz    |
| Span                  | 30.000 MHz       | 30.000 MHz     |
| RBW                   | 100.000 kHz      | <= 100.000 kHz |
| VBW                   | 300.000 kHz      | >= 300.000 kHz |
| SweepPoints           | 601              | ~ 600          |
| SweepTime             | 3.100 s          | 3.005 s        |
| Reference Level       | 0.000 dBm        | 0.000 dBm      |
| Attenuation           | 25.000 dB        | AUTO           |
| Detector              | RMS              | RMS            |
| SweepCount            | 1                | 1              |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | Sweep            | Sweep          |
| Preamp                | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.50 dB          | 0.50 dB        |
| Run                   | 57 / max. 150    | max. 150       |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.15 dB          | 0.50 dB        |

## Power Spectral Density (2422 MHz; n-mode [MCS0] (11 dBm); 40 MHz))

### Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 2422.000000         | 2416.700000     | -10.190   | 8.0             | PASS   |



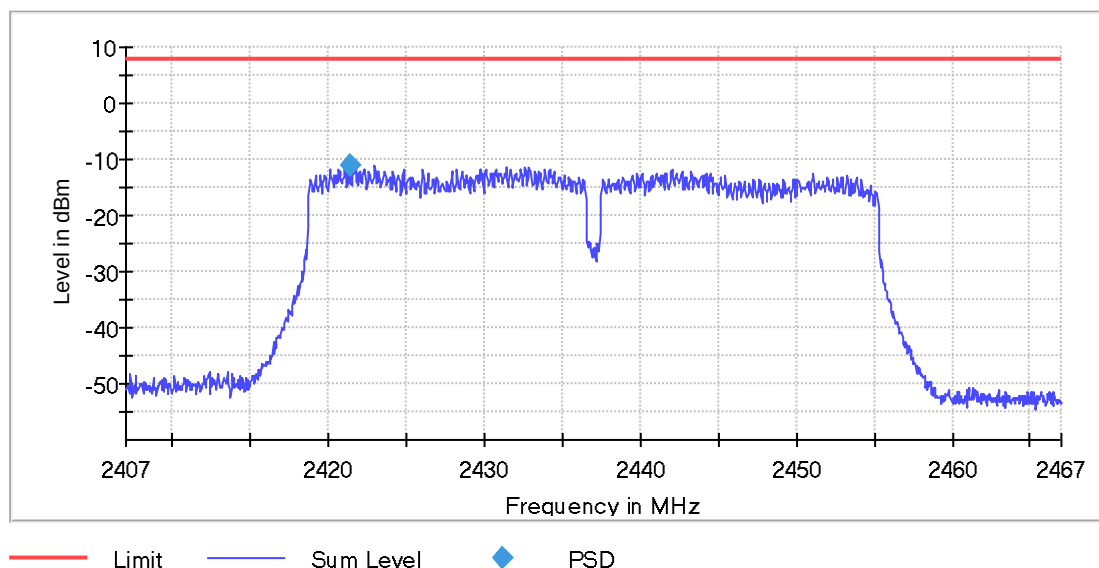
### Measurement

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| Start Frequency       | 2.39200 GHz      | 2.39200 GHz    |
| Stop Frequency        | 2.45200 GHz      | 2.45200 GHz    |
| Span                  | 60.000 MHz       | 60.000 MHz     |
| RBW                   | 100.000 kHz      | <= 100.000 kHz |
| VBW                   | 300.000 kHz      | >= 300.000 kHz |
| SweepPoints           | 1201             | ~ 1200         |
| Sweptime              | 25.000 ms        | 24.020 ms      |
| Reference Level       | 0.000 dBm        | 0.000 dBm      |
| Attenuation           | 25.000 dB        | AUTO           |
| Detector              | RMS              | RMS            |
| SweepCount            | 1                | 1              |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | Sweep            | Sweep          |
| Preamp                | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.50 dB          | 0.50 dB        |
| Run                   | 98 / max. 150    | max. 150       |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.33 dB          | 0.50 dB        |

## Power Spectral Density (2437 MHz; n-mode [MCS0] (11 dBm);40MHz)

### Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 2437.000000         | 2421.350000     | -11.077   | 8.0             | PASS   |



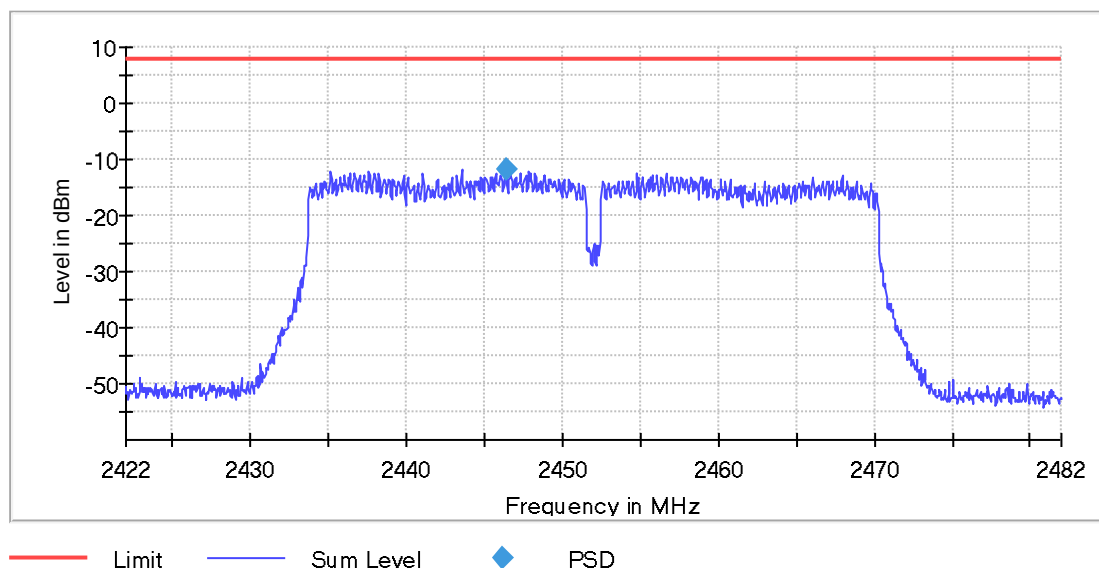
### Measurement

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| Start Frequency       | 2.40700 GHz      | 2.40700 GHz    |
| Stop Frequency        | 2.46700 GHz      | 2.46700 GHz    |
| Span                  | 60.000 MHz       | 60.000 MHz     |
| RBW                   | 100.000 kHz      | <= 100.000 kHz |
| VBW                   | 300.000 kHz      | >= 300.000 kHz |
| SweepPoints           | 1201             | ~ 1200         |
| SweepTime             | 25.000 ms        | 24.020 ms      |
| Reference Level       | 0.000 dBm        | 0.000 dBm      |
| Attenuation           | 25.000 dB        | AUTO           |
| Detector              | RMS              | RMS            |
| SweepCount            | 1                | 1              |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | Sweep            | Sweep          |
| Preamplifier          | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.50 dB          | 0.50 dB        |
| Run                   | 132 / max. 150   | max. 150       |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.00 dB          | 0.50 dB        |

## Power Spectral Density (2452 MHz; n-mode [MCS0] (11 dBm); 40 MHz)

### Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 2452.000000         | 2446.350000     | -11.810   | 8.0             | PASS   |



### Measurement

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| Start Frequency       | 2.42200 GHz      | 2.42200 GHz    |
| Stop Frequency        | 2.48200 GHz      | 2.48200 GHz    |
| Span                  | 60.000 MHz       | 60.000 MHz     |
| RBW                   | 100.000 kHz      | <= 100.000 kHz |
| VBW                   | 300.000 kHz      | >= 300.000 kHz |
| SweepPoints           | 1201             | ~ 1200         |
| SweepTime             | 25.000 ms        | 24.020 ms      |
| Reference Level       | 0.000 dBm        | 0.000 dBm      |
| Attenuation           | 25.000 dB        | AUTO           |
| Detector              | RMS              | RMS            |
| SweepCount            | 1                | 1              |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | Sweep            | Sweep          |
| Preamplifier          | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.50 dB          | 0.50 dB        |
| Run                   | 121 / max. 150   | max. 150       |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.00 dB          | 0.50 dB        |

## 1.4. 6dB Bandwidth

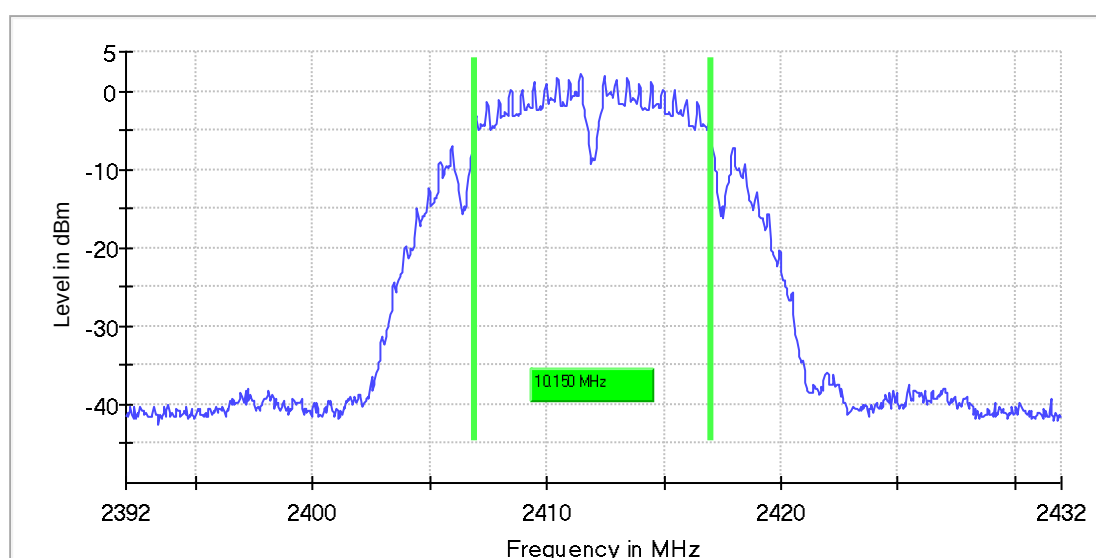
### 1.4.1. b-mode

6dB\_BW\_CH01\_ bmode\_1MBIT/S

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2412.000000         | 10.150000       | 0.500000        | ---             | 2406.900000          | 2417.050000           |

(continuation of the "6 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 2412.000000         | 2.1             | PASS   |

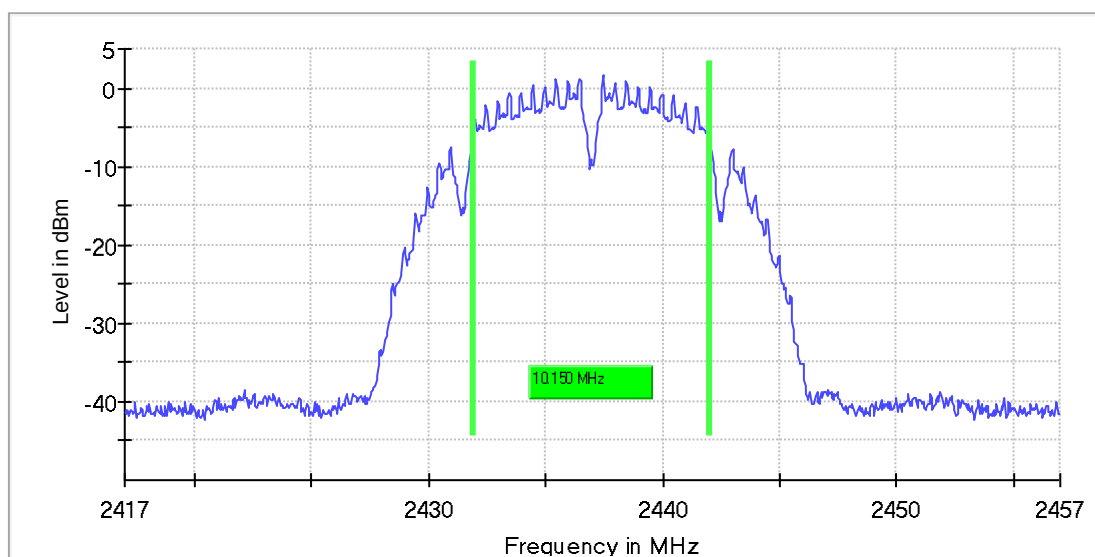


# 6dB\_BW\_CH06\_bmode\_1MBIT/S

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2437.000000         | 10.150000       | 0.500000        | ---             | 2431.900000          | 2442.050000           |

(continuation of the "6 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 2437.000000         | 1.6             | PASS   |

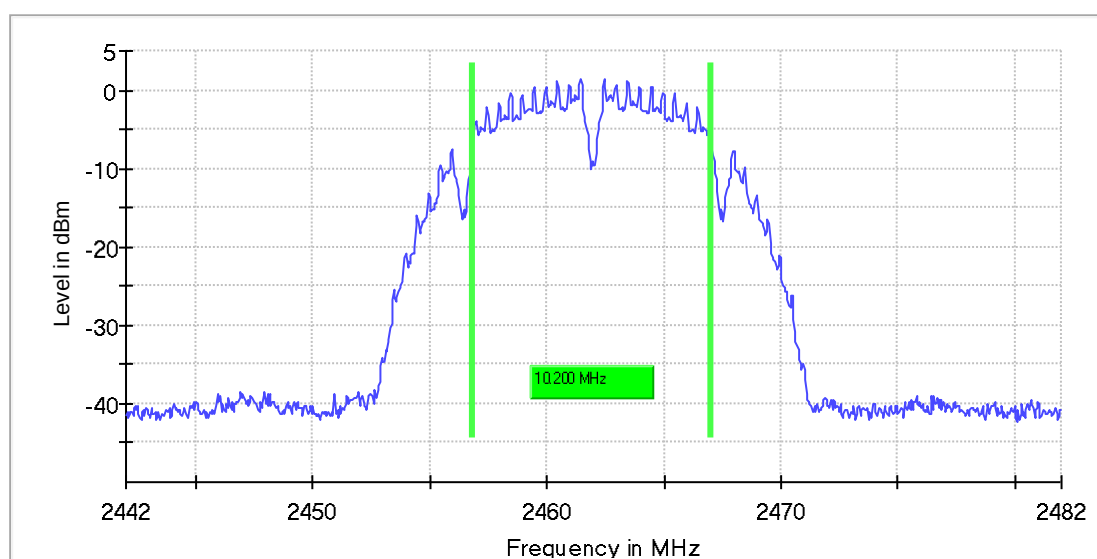


## 6dB\_BW\_CH11\_bmode\_1MBIT/S

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2462.000000         | 10.200000       | 0.500000        | ---             | 2456.850000          | 2467.050000           |

(continuation of the "6 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 2462.000000         | 1.4             | PASS   |



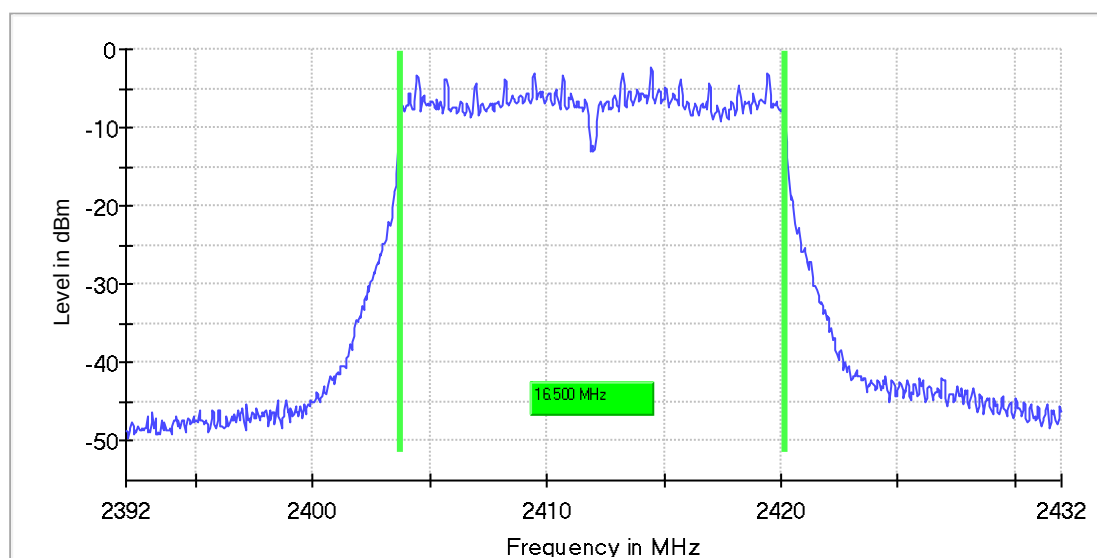
## 1.4.2. g-mode

### 6dB\_BW\_CH01\_g-mode\_12MBIT/S

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2412.000000         | 16.500000       | 0.500000        | ---             | 2403.700000          | 2420.200000           |

(continuation of the "6 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 2412.000000         | -2.4            | PASS   |

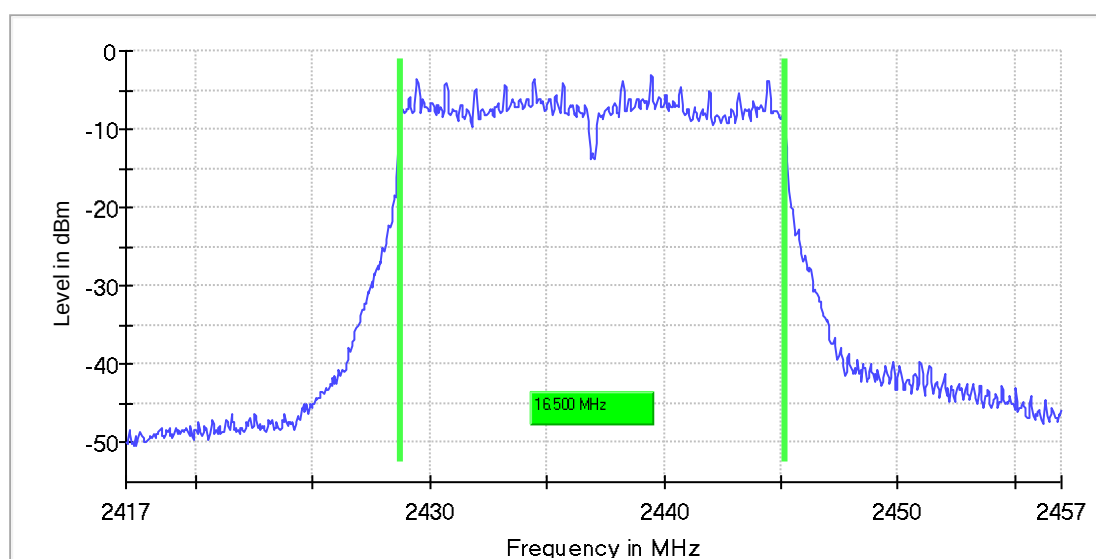


# 6dB\_BW\_CH06\_g-mode\_12MBIT/S

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2437.000000         | 16.500000       | 0.500000        | ---             | 2428.700000          | 2445.200000           |

(continuation of the "6 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 2437.000000         | -3.0            | PASS   |

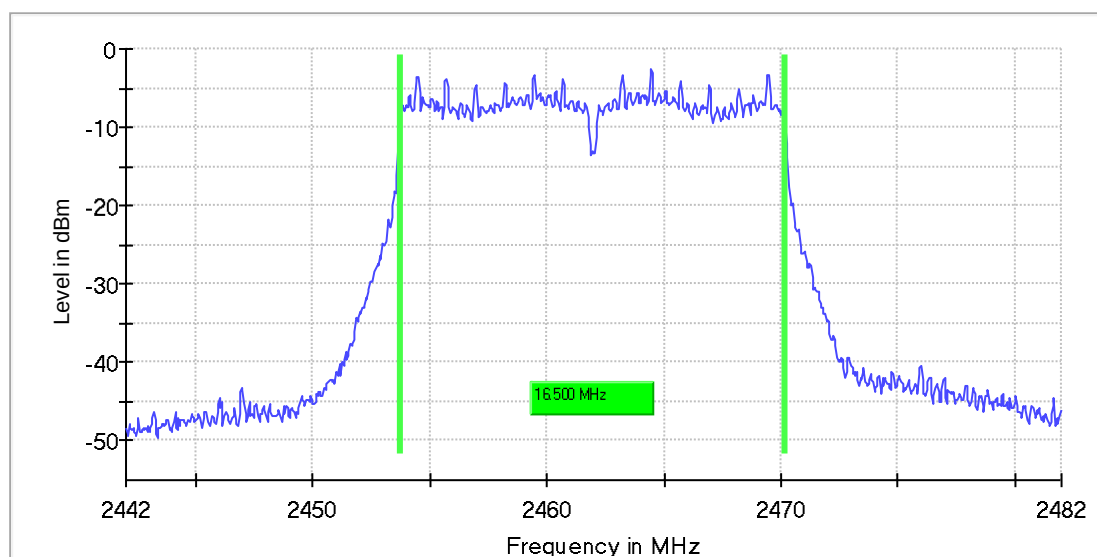


# 6dB\_BW\_CH11\_g-mode\_12MBIT/S

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2462.000000         | 16.500000       | 0.500000        | ---             | 2453.700000          | 2470.200000           |

(continuation of the "6 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 2462.000000         | -2.7            | PASS   |



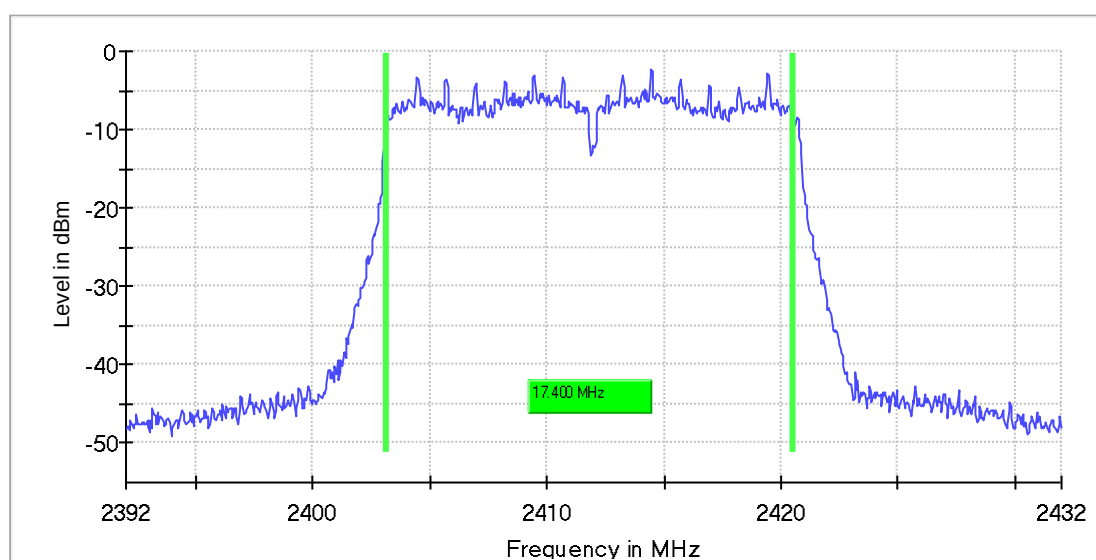
### 1.4.3. n-mode(HT20)

#### 6dB\_BW\_CH01\_n-mode\_MCS0

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2412.000000         | 17.400000       | 0.500000        | ---             | 2403.150000          | 2420.550000           |

(continuation of the "6 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 2412.000000         | -2.3            | PASS   |

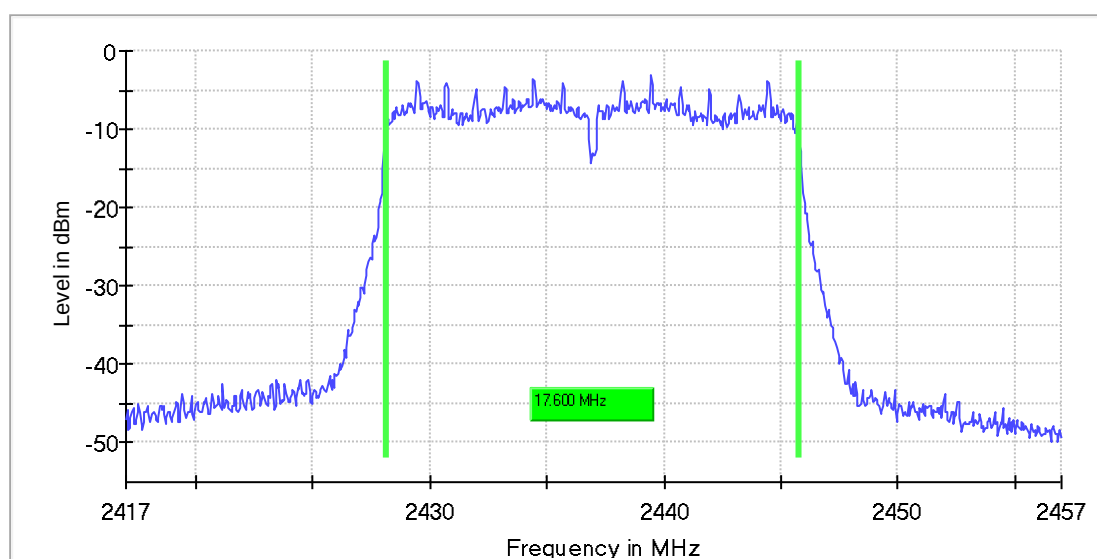


# 6dB\_BW\_CH06\_n-mode\_MCS0

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2437.000000         | 17.600000       | 0.500000        | ---             | 2428.150000          | 2445.750000           |

(continuation of the "6 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 2437.000000         | -3.2            | PASS   |

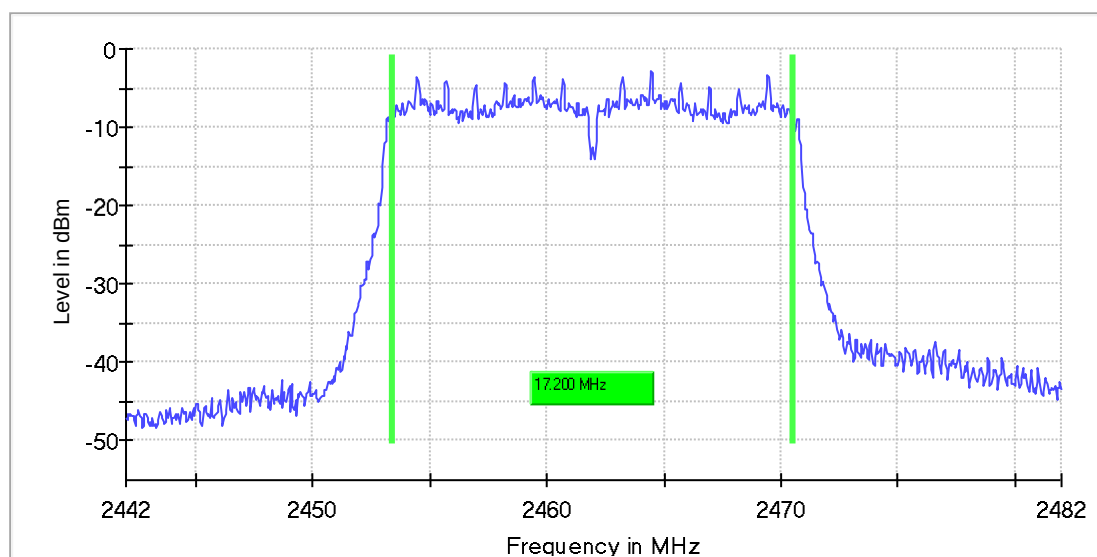


### 6dB\_BW\_CH11\_n-mode\_MCS0

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2462.000000         | 17.200000       | 0.500000        | ---             | 2453.350000          | 2470.550000           |

(continuation of the "6 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 2462.000000         | -2.8            | PASS   |



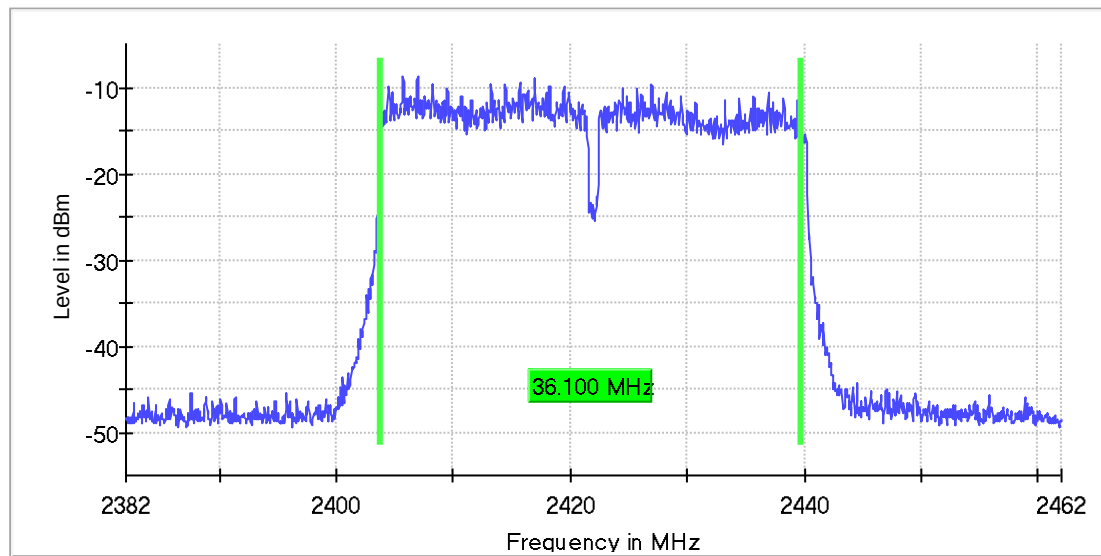
#### 1.4.4. n-mode(HT40)

##### 6dB\_BW\_CH3\_n-mode\_MCS7

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2422.000000         | 36.100000       | 0.500000        | ---             | 2403.700000          | 2439.800000           |

(continuation of the "6 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 2422.000000         | -8.7            | PASS   |

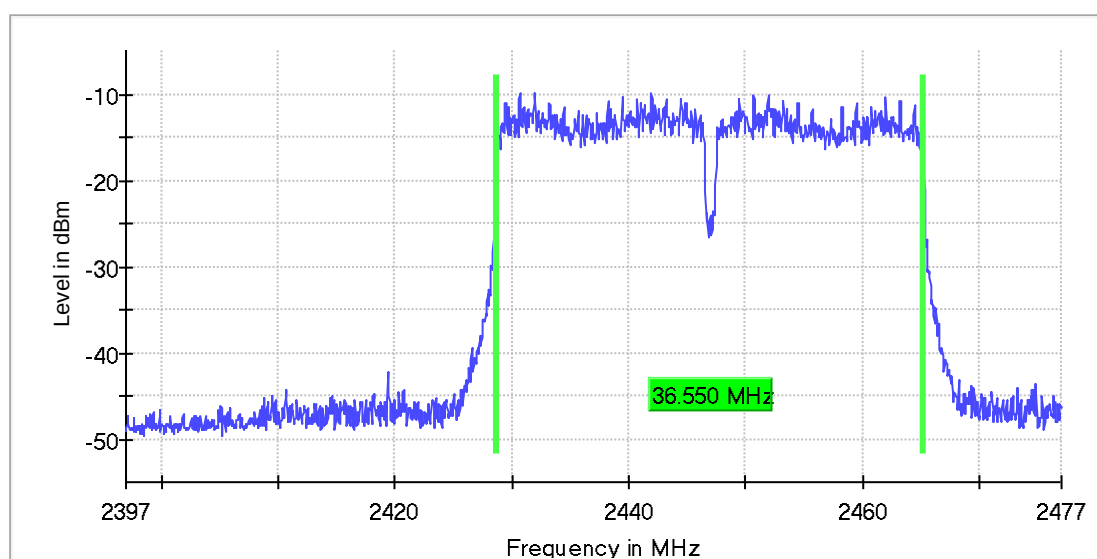


# 6dB\_BW\_CH6\_n-mode\_MCS7

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2437.000000         | 36.550000       | 0.500000        | ---             | 2428.700000          | 2465.250000           |

(continuation of the "6 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 2437.000000         | -9.8            | PASS   |

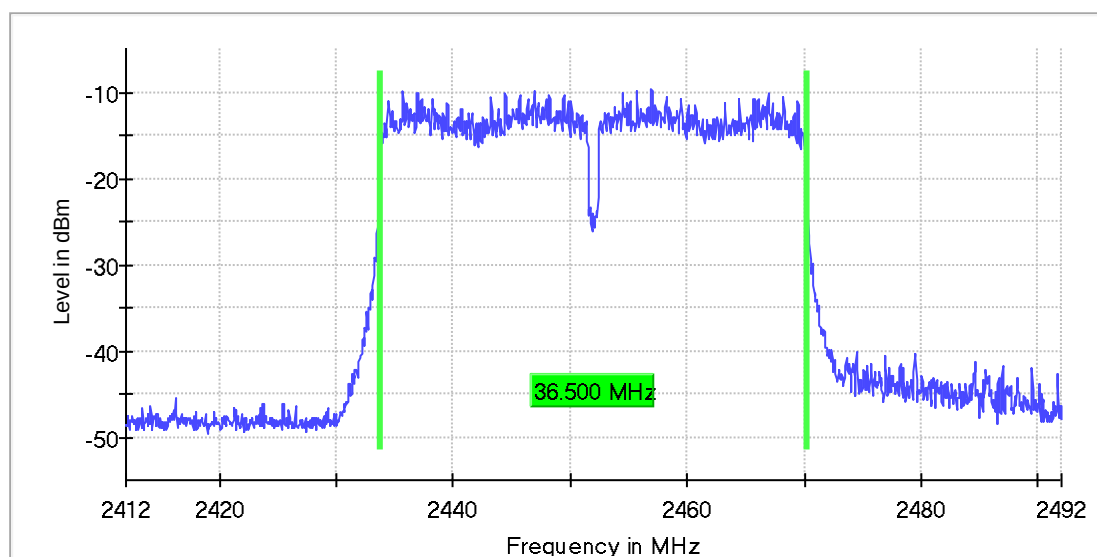


# 6dB\_BW\_CH9\_n-mode\_MCS7

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2452.000000         | 36.500000       | 0.500000        | ---             | 2433.700000          | 2470.200000           |

(continuation of the "6 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 2452.000000         | -9.6            | PASS   |



## 1.5. 99% Occupied Bandwidth

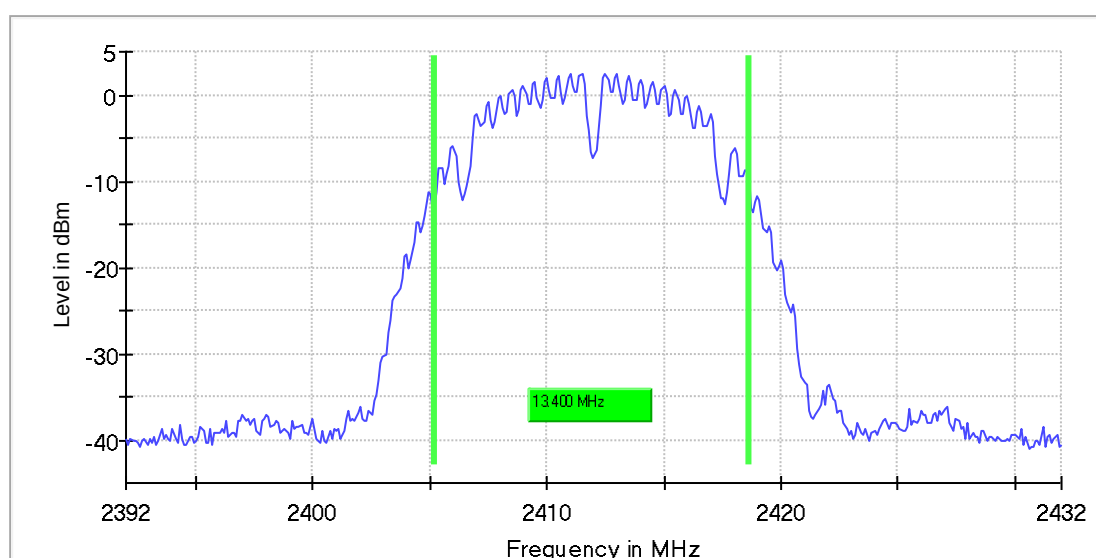
### 1.5.1. b-mode

#### 99% Occupied Bandwidth CH1\_b mode\_1Mbit/s

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2412.000000         | 13.400000       | ---             | ---             | 2405.200000          | 2418.600000           |

(continuation of the "99 % Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 2412.000000         | PASS   |

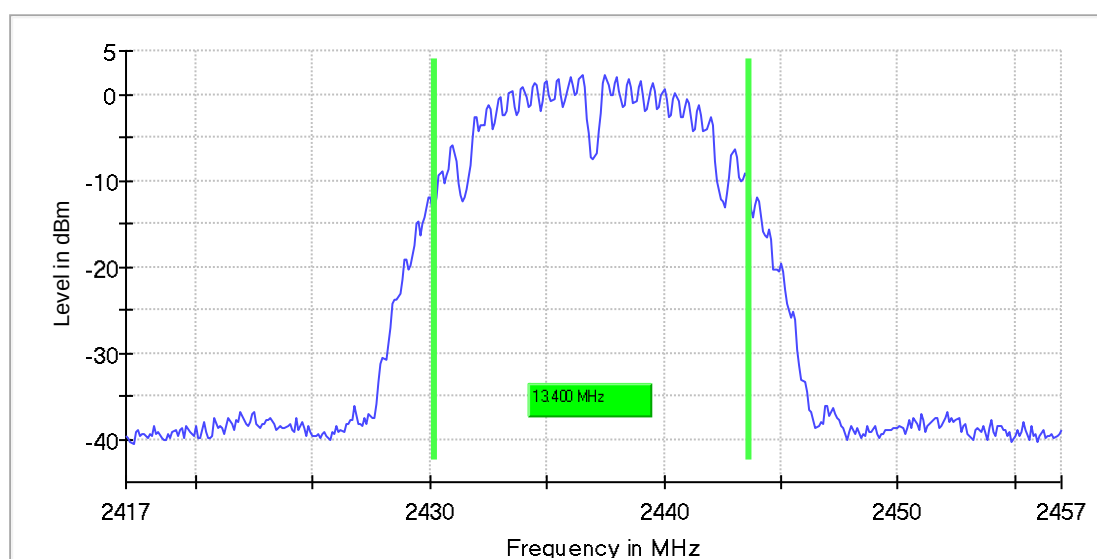


# 99% Occupied Bandwidth CH6\_b mode\_1Mbit/s

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2437.000000         | 13.400000       | ---             | ---             | 2430.200000          | 2443.600000           |

(continuation of the "99 % Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 2437.000000         | PASS   |

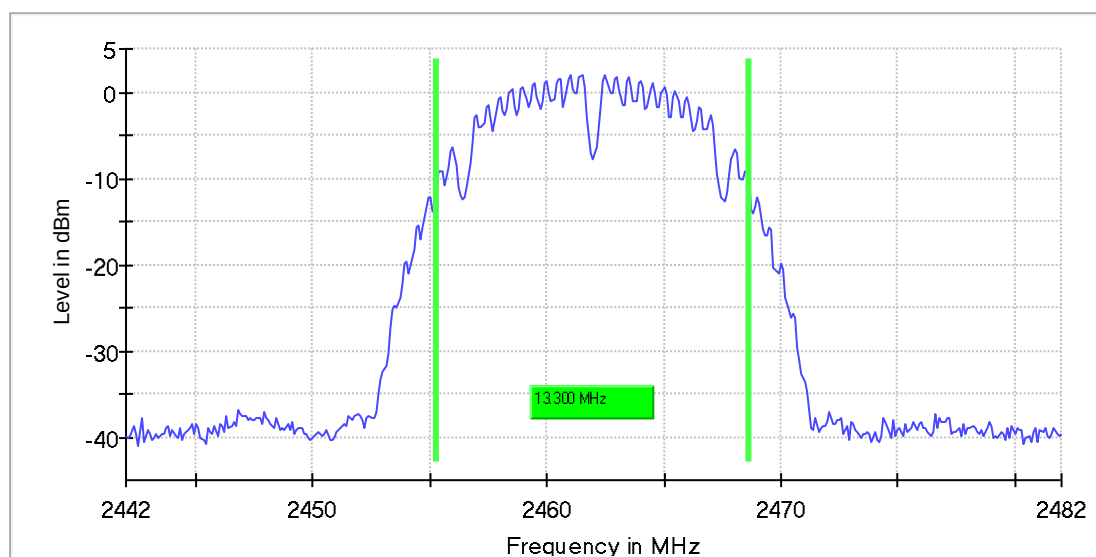


### 99% Occupied Bandwidth CH11\_b mode\_1Mbit/s

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2462.000000         | 13.300000       | ---             | ---             | 2455.300000          | 2468.600000           |

(continuation of the "99 % Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 2462.000000         | PASS   |



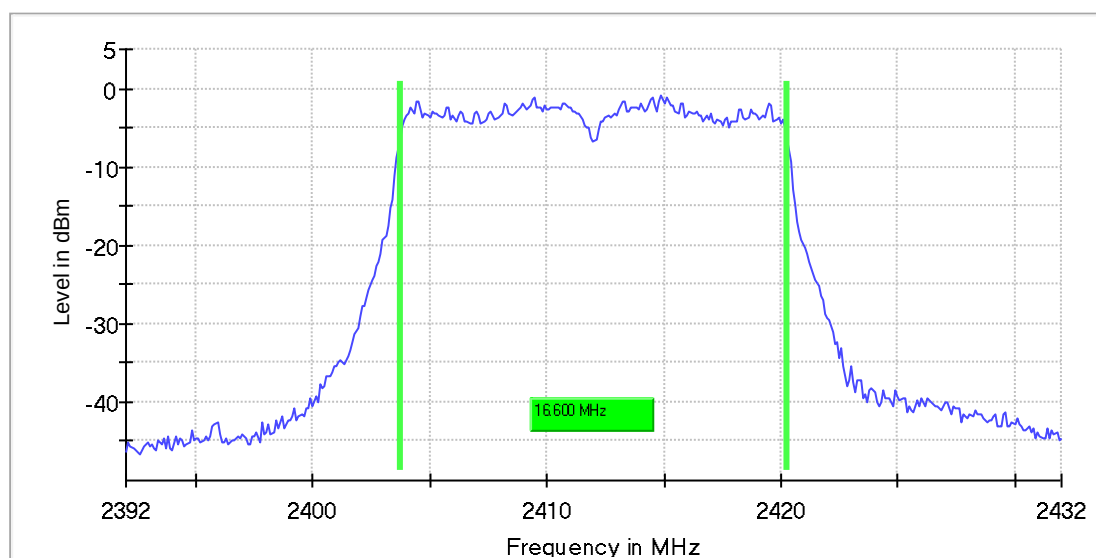
## 1.5.2. g-mode

### 99% Occupied Bandwidth CH1\_g mode\_12 Mbit/s

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2412.000000         | 16.600000       | ---             | ---             | 2403.700000          | 2420.300000           |

(continuation of the "99 % Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 2412.000000         | PASS   |

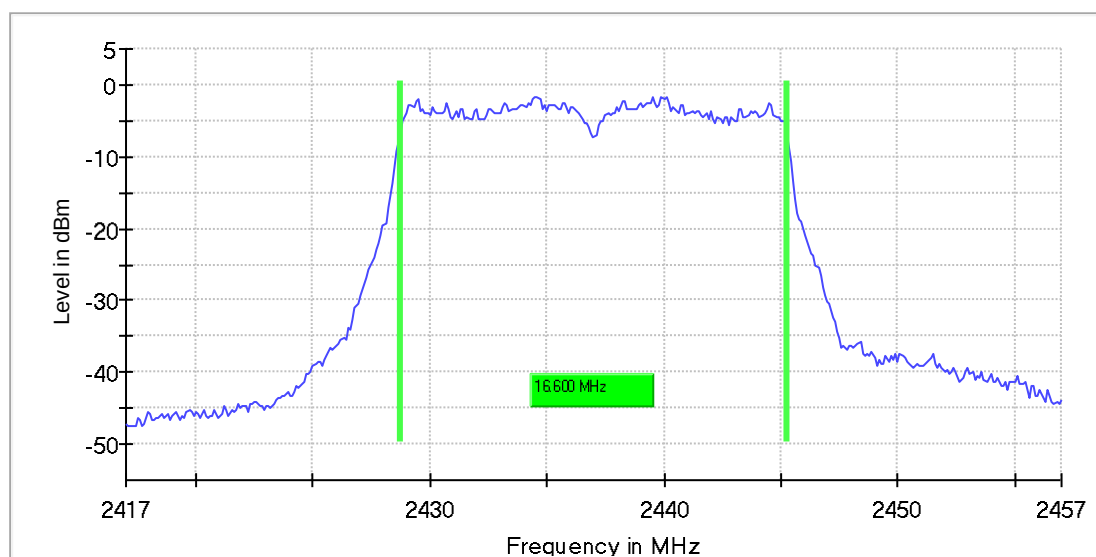


### 99% Occupied Bandwidth CH6\_g mode\_12 Mbit/s

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2437.000000         | 16.600000       | ---             | ---             | 2428.700000          | 2445.300000           |

(continuation of the "99 % Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 2437.000000         | PASS   |

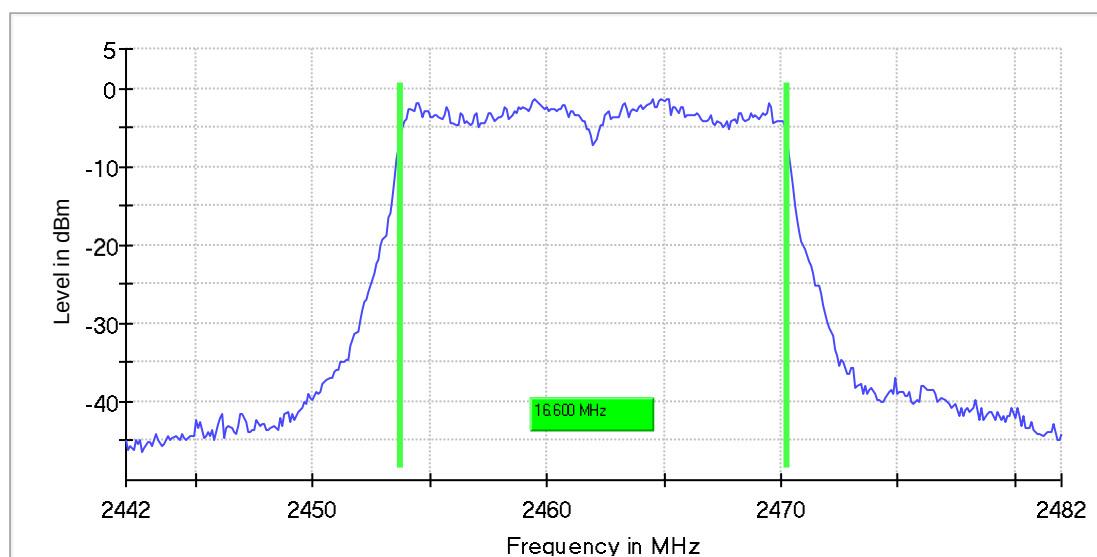


### 99% Occupied Bandwidth CH11\_g mode\_12 Mbit/s

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2462.000000         | 16.600000       | ---             | ---             | 2453.700000          | 2470.300000           |

(continuation of the "99 % Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 2462.000000         | PASS   |



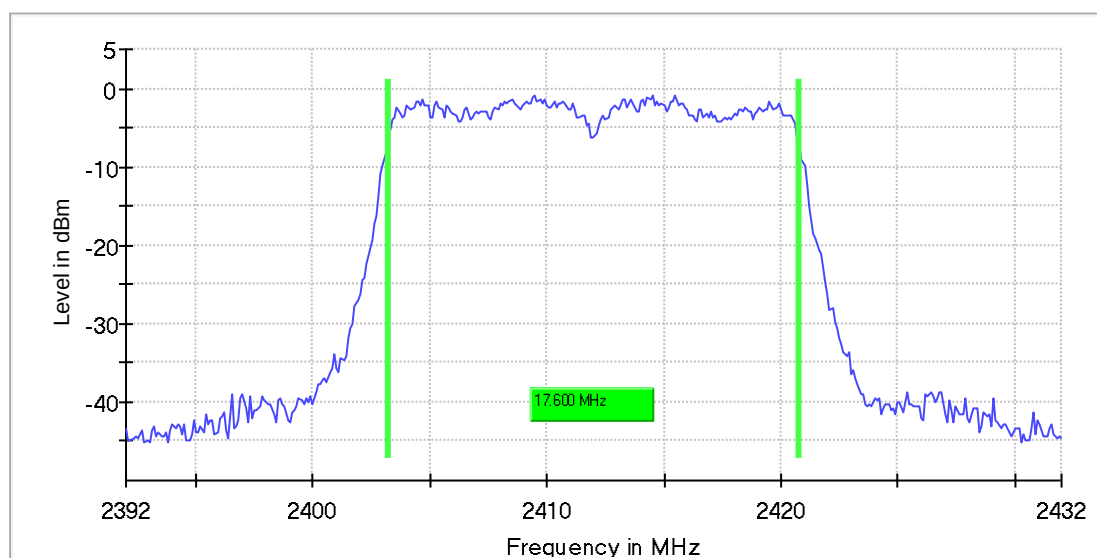
### 1.5.3. n-mode(HT20)

#### 99% Occupied Bandwidth CH1\_n mode\_MCS0

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2412.000000         | 17.600000       | ---             | ---             | 2403.200000          | 2420.800000           |

(continuation of the "99 % Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 2412.000000         | PASS   |

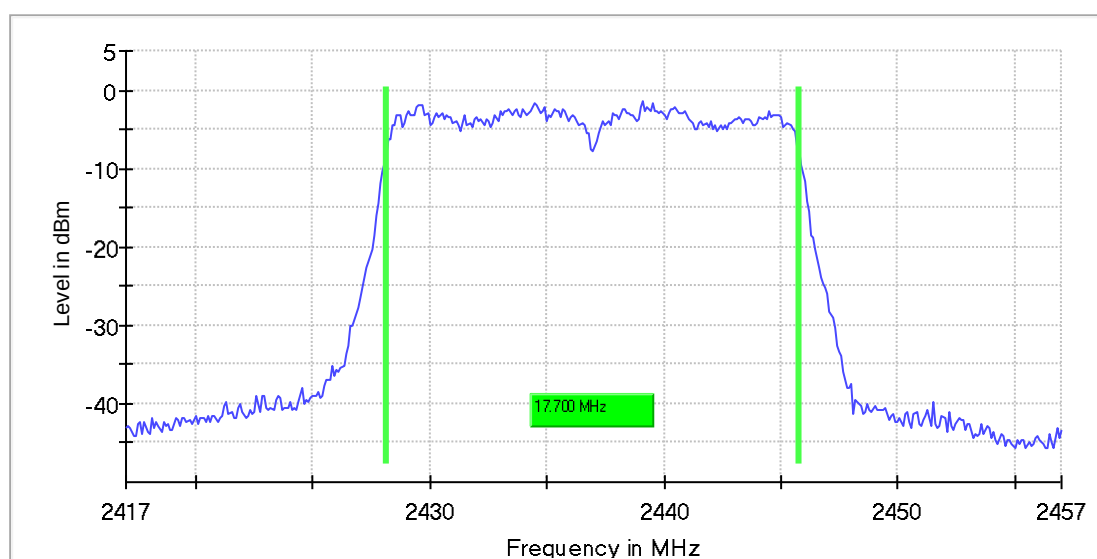


# 99% Occupied Bandwidth CH6 n mode\_MCS0

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2437.000000         | 17.700000       | ---             | ---             | 2428.100000          | 2445.800000           |

(continuation of the "99 % Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 2437.000000         | PASS   |

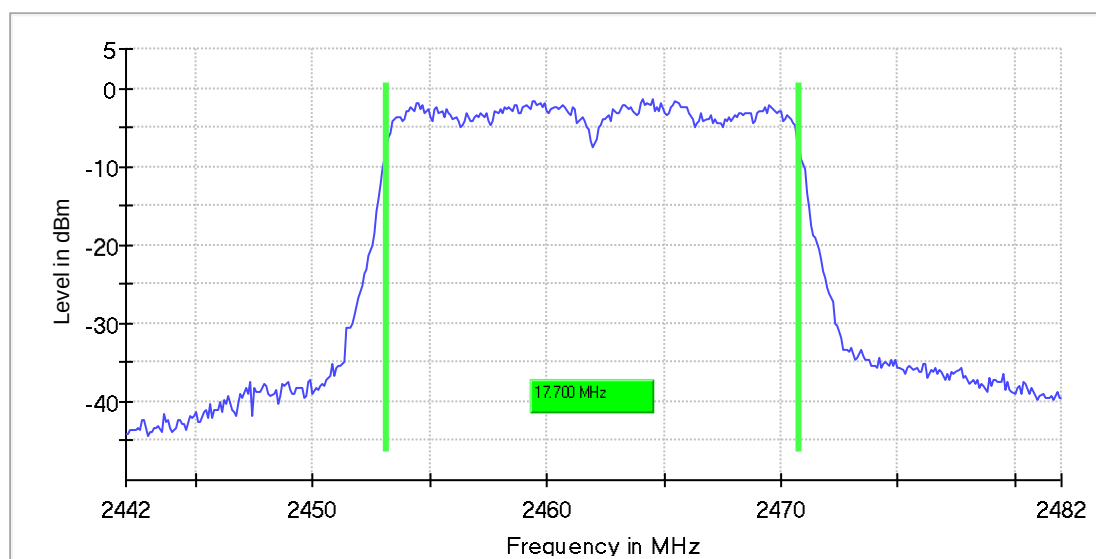


### 99% Occupied Bandwidth CH11 n mode\_MCS0

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2462.000000         | 17.700000       | ---             | ---             | 2453.100000          | 2470.800000           |

(continuation of the "99 % Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 2462.000000         | PASS   |



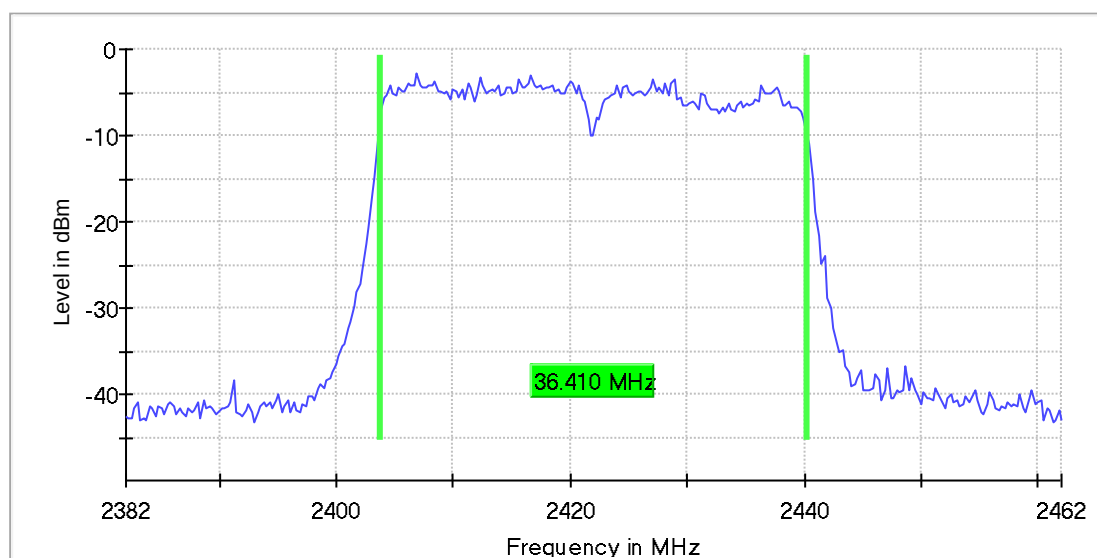
#### 1.5.4. n-mode(HT40)

##### 99% Occupied Bandwidth CH3\_n mode\_MCS7

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2422.000000         | 36.410256       | ---             | ---             | 2403.794872          | 2440.205128           |

(continuation of the "99 % Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 2422.000000         | PASS   |

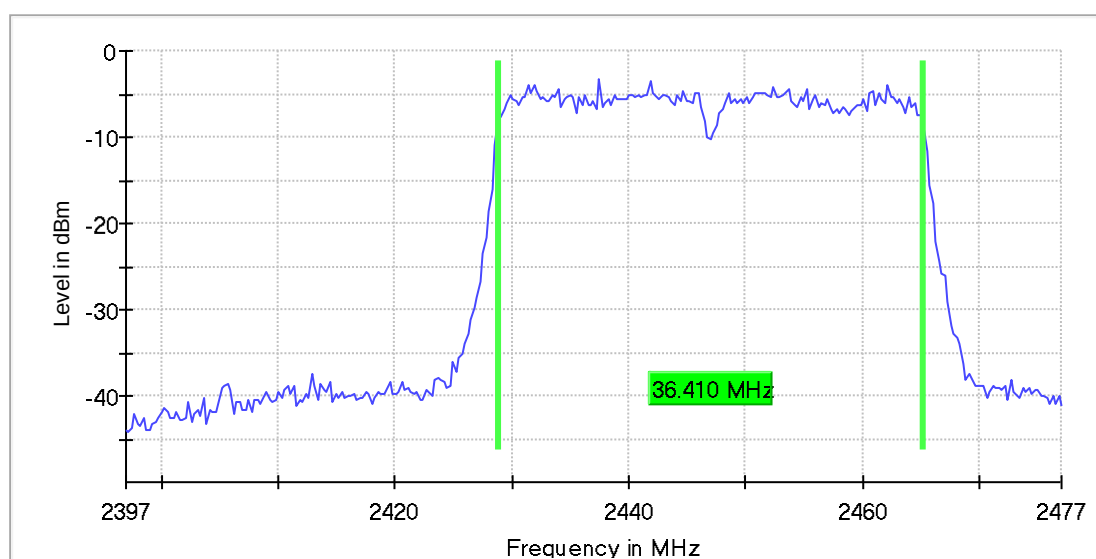


### 99% Occupied Bandwidth CH9\_n mode\_MCS7

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2437.000000         | 36.410256       | ---             | ---             | 2428.794872          | 2465.205128           |

(continuation of the "99 % Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 2437.000000         | PASS   |



## 1.6. Frequency Stability

### 1.6.1. Tmin – Vnom

| Modulation             | Channel | 99%<br>OBW | Tnom - Vnom      |                | Vnom -Tmin       |                |
|------------------------|---------|------------|------------------|----------------|------------------|----------------|
|                        |         |            | left<br>Bandedge | right Bandedge | left<br>Bandedge | right Bandedge |
|                        | MHz     | MHz        | MHz              | MHz            | MHz              | MHz            |
| b-mode<br>1Mbit/s      | 2412    | 13.40000   | 2405.2000        | 2418.6000      | 2405.1000        | 2418.7000      |
|                        | 2437    | 13.40000   | 2430.2000        | 2443.6000      | 2430.2000        | 2443.7000      |
|                        | 2462    | 13.30000   | 2455.3000        | 2468.6000      | 2455.3000        | 2468.7000      |
|                        |         |            |                  |                |                  |                |
| g-mode<br>12 Mbit/s    | 2412    | 16.60000   | 2403.7000        | 2420.3000      | 2403.7000        | 2420.3000      |
|                        | 2437    | 16.60000   | 2428.7000        | 2445.3000      | 2428.7000        | 2445.3000      |
|                        | 2462    | 16.60000   | 2453.7000        | 2470.3000      | 2453.7000        | 2470.3000      |
|                        |         |            |                  |                |                  |                |
| n-mode<br>HT20<br>MCS0 | 2412    | 17.60000   | 2403.2000        | 2420.8000      | 2403.2000        | 2420.8000      |
|                        | 2437    | 17.70000   | 2428.1000        | 2445.8000      | 2428.2000        | 2445.8000      |
|                        | 2462    | 17.70000   | 2453.1000        | 2470.8000      | 2453.2000        | 2470.9000      |
|                        |         |            |                  |                |                  |                |
| n-mode<br>HT40<br>MCS1 | 2422    | 36.41026   | 2403.7949        | 2440.2051      | 2403.7949        | 2440.2051      |
|                        | 2452    | 36.41026   | 2433.7949        | 2470.2051      | 2403.7949        | 2440.2051      |
|                        |         |            |                  |                |                  |                |

### 1.6.2. Tmax – Vnom

| Modulation             | Channel | 99%<br>OBW | Tnom - Vnom      |                | Vnom -Tmax       |                |
|------------------------|---------|------------|------------------|----------------|------------------|----------------|
|                        |         |            | left<br>Bandedge | right Bandedge | left<br>Bandedge | right Bandedge |
|                        | MHz     | MHz        | MHz              | MHz            | MHz              | MHz            |
| b-mode<br>1Mbit/s      | 2412    | 13.40000   | 2405.2000        | 2418.6000      | 2405.1000        | 2418.7000      |
|                        | 2437    | 13.40000   | 2430.2000        | 2443.6000      | 2430.2000        | 2443.6000      |
|                        | 2462    | 13.30000   | 2455.3000        | 2468.6000      | 2455.2000        | 2468.6000      |
|                        |         |            |                  |                |                  |                |
| g-mode<br>12 Mbit/s    | 2412    | 16.60000   | 2403.7000        | 2420.3000      | 2403.7000        | 2420.3000      |
|                        | 2437    | 16.60000   | 2428.7000        | 2445.3000      | 2428.7000        | 2445.3000      |
|                        | 2462    | 16.60000   | 2453.7000        | 2470.3000      | 2453.6000        | 2470.3000      |
|                        |         |            |                  |                |                  |                |
| n-mode<br>HT20<br>MCS0 | 2412    | 17.60000   | 2403.2000        | 2420.8000      | 2403.2000        | 2420.8000      |
|                        | 2437    | 17.70000   | 2428.1000        | 2445.8000      | 2428.1000        | 2445.8000      |
|                        | 2462    | 17.70000   | 2453.1000        | 2470.8000      | 2453.1000        | 2470.8000      |
|                        |         |            |                  |                |                  |                |
| n-mode<br>HT40<br>MCS1 | 2422    | 36.41026   | 2403.7949        | 2440.2051      | 2403.7949        | 2440.2051      |
|                        | 2452    | 36.41026   | 2433.7949        | 2470.2051      | 2433.7949        | 2470.2051      |
|                        |         |            |                  |                |                  |                |

### 1.6.3. Tnom – Vmin

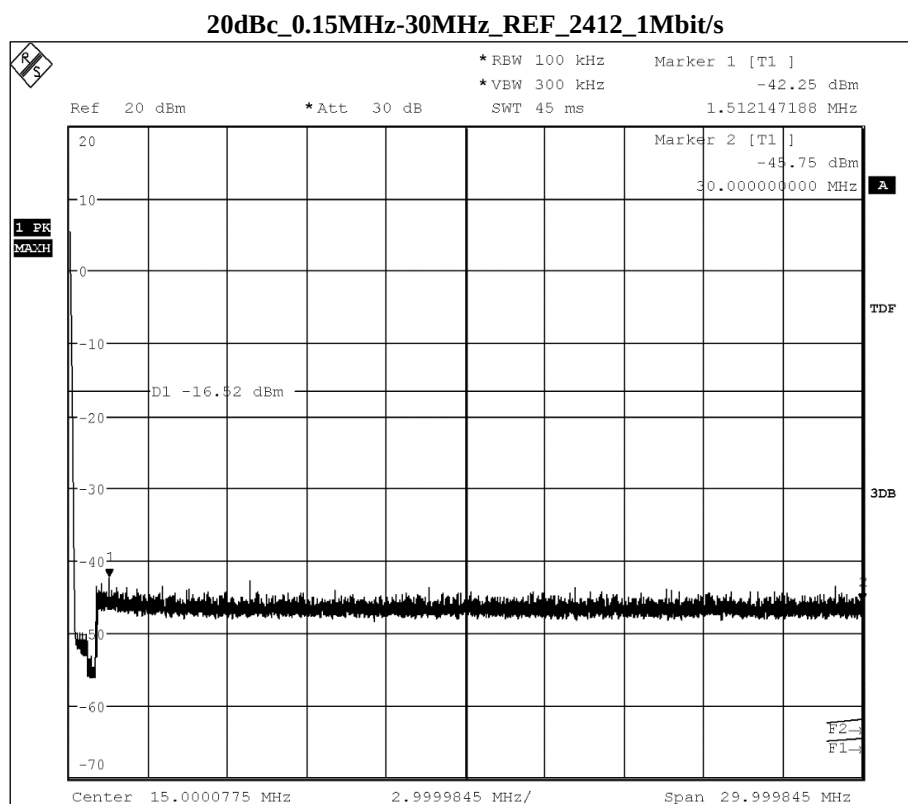
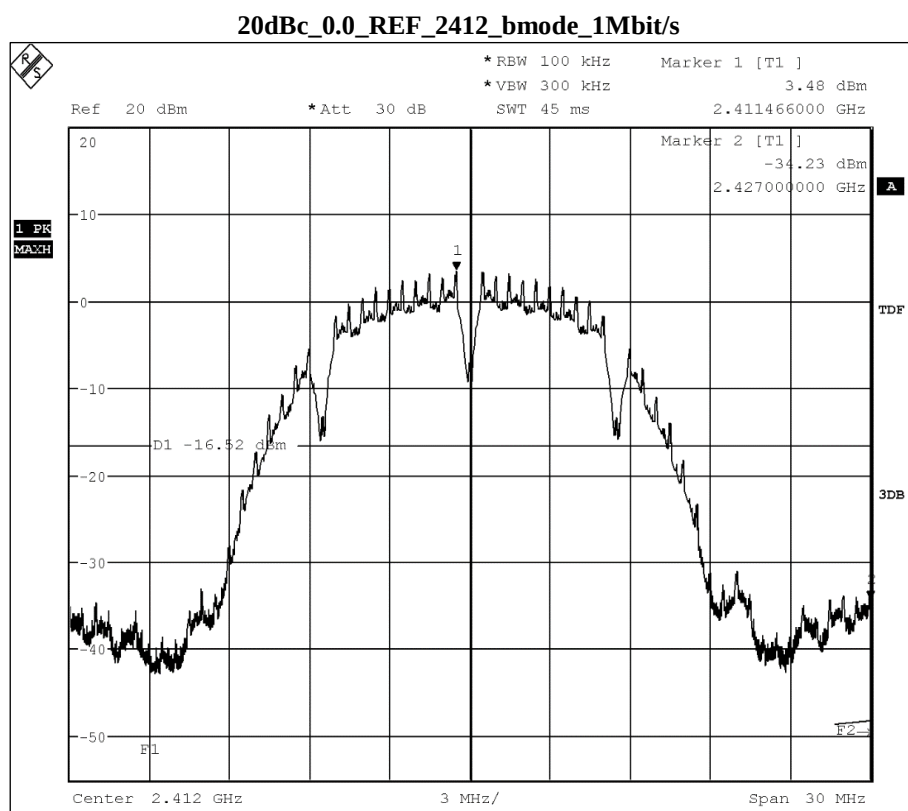
| Modulation             | Channel | 99%<br>OBW | Tnom - Vnom      |                | Vmin -Tnom       |                |
|------------------------|---------|------------|------------------|----------------|------------------|----------------|
|                        |         |            | left<br>Bandedge | right Bandedge | left<br>Bandedge | right Bandedge |
|                        | MHz     | MHz        | MHz              | MHz            | MHz              | MHz            |
| b-mode<br>1Mbit/s      | 2412    | 13.40000   | 2405.2000        | 2418.6000      | 2405.2000        | 2418.8000      |
|                        | 2437    | 13.40000   | 2430.2000        | 2443.6000      | 2430.2000        | 2443.6000      |
|                        | 2462    | 13.30000   | 2455.3000        | 2468.6000      | 2455.2000        | 2468.6000      |
|                        |         |            |                  |                |                  |                |
| g-mode<br>12 Mbit/s    | 2412    | 16.60000   | 2403.7000        | 2420.3000      | 2403.7000        | 2420.3000      |
|                        | 2437    | 16.60000   | 2428.7000        | 2445.3000      | 2428.7000        | 2445.3000      |
|                        | 2462    | 16.60000   | 2453.7000        | 2470.3000      | 2453.7000        | 2470.3000      |
|                        |         |            |                  |                |                  |                |
| n-mode<br>HT20<br>MCS0 | 2412    | 17.60000   | 2403.2000        | 2420.8000      | 2403.2000        | 2420.8000      |
|                        | 2437    | 17.70000   | 2428.1000        | 2445.8000      | 2428.1000        | 2445.8000      |
|                        | 2462    | 17.70000   | 2453.1000        | 2470.8000      | 2453.1000        | 2470.8000      |
|                        |         |            |                  |                |                  |                |
| n-mode<br>HT40<br>MCS1 | 2422    | 36.41026   | 2403.7949        | 2440.2051      | 2403.7949        | 2440.2051      |
|                        | 2452    | 36.41026   | 2433.7949        | 2470.2051      | 2433.7949        | 2470.2051      |
|                        |         |            |                  |                |                  |                |

### 1.6.4. Tnom – Vmax

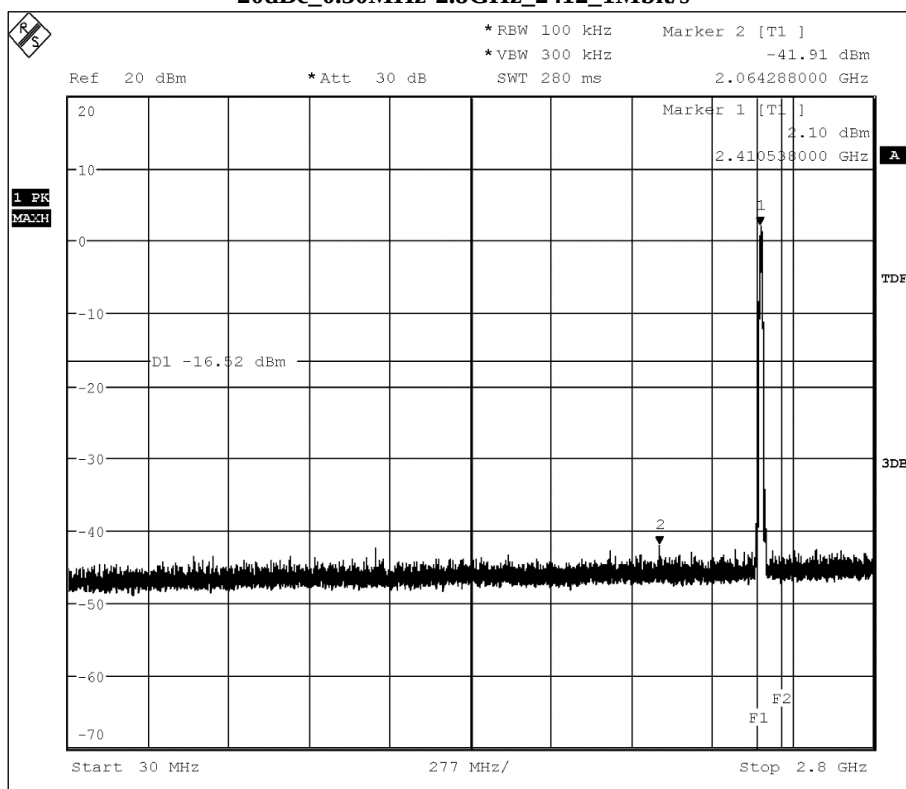
| Modulation             | Channel | 99%<br>OBW | Tnom - Vnom      |                | Vmax -Tnom       |                |
|------------------------|---------|------------|------------------|----------------|------------------|----------------|
|                        |         |            | left<br>Bandedge | right Bandedge | left<br>Bandedge | right Bandedge |
|                        | MHz     | MHz        | MHz              | MHz            | MHz              | MHz            |
| b-mode<br>1Mbit/s      | 2412    | 13.40000   | 2405.2000        | 2418.6000      | 2405.2000        | 2418.7000      |
|                        | 2437    | 13.40000   | 2430.2000        | 2443.6000      | 2430.2000        | 2443.6000      |
|                        | 2462    | 13.30000   | 2455.3000        | 2468.6000      | 2455.2000        | 2468.6000      |
|                        |         |            |                  |                |                  |                |
| g-mode<br>12 Mbit/s    | 2412    | 16.60000   | 2403.7000        | 2420.3000      | 2403.7000        | 2420.3000      |
|                        | 2437    | 16.60000   | 2428.7000        | 2445.3000      | 2428.7000        | 2445.3000      |
|                        | 2462    | 16.60000   | 2453.7000        | 2470.3000      | 2453.6000        | 2470.3000      |
|                        |         |            |                  |                |                  |                |
| n-mode<br>HT20<br>MCS0 | 2412    | 17.60000   | 2403.2000        | 2420.8000      | 2403.2000        | 2420.8000      |
|                        | 2437    | 17.70000   | 2428.1000        | 2445.8000      | 2428.1000        | 2445.8000      |
|                        | 2462    | 17.70000   | 2453.1000        | 2470.8000      | 2453.1000        | 2470.8000      |
|                        |         |            |                  |                |                  |                |
| n-mode<br>HT40<br>MCS1 | 2422    | 36.41026   | 2403.7949        | 2440.2051      | 2403.7949        | 2440.2051      |
|                        | 2452    | 36.41026   | 2433.7949        | 2470.2051      | 2433.7949        | 2470.2051      |
|                        |         |            |                  |                |                  |                |

## 1.7. 20dBc Tx Spurious Emissions

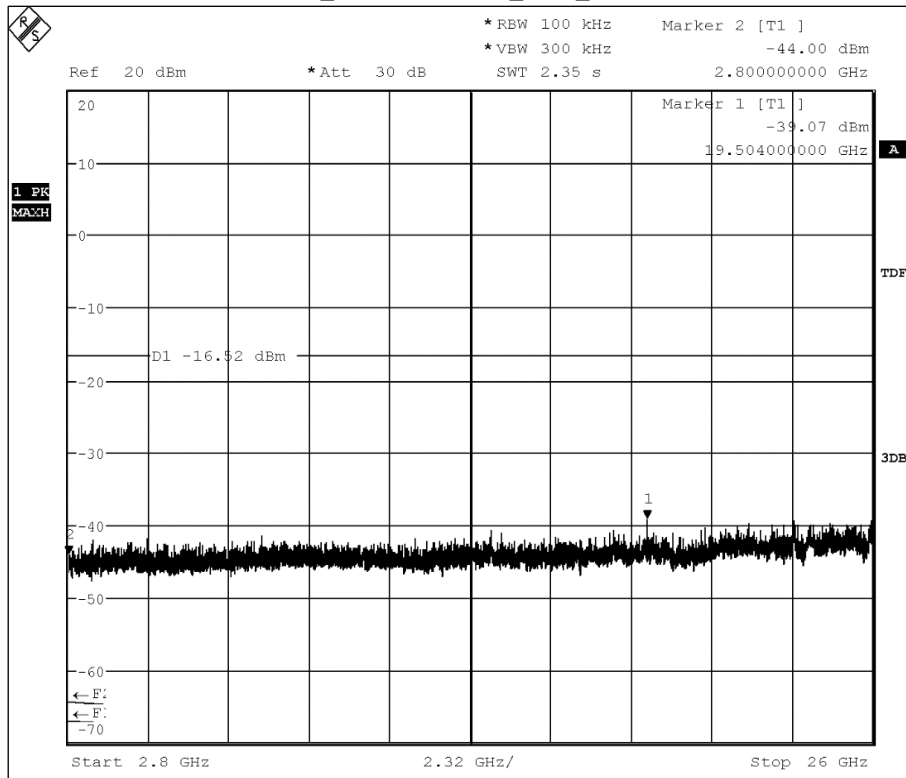
### 1.7.1. b-mode



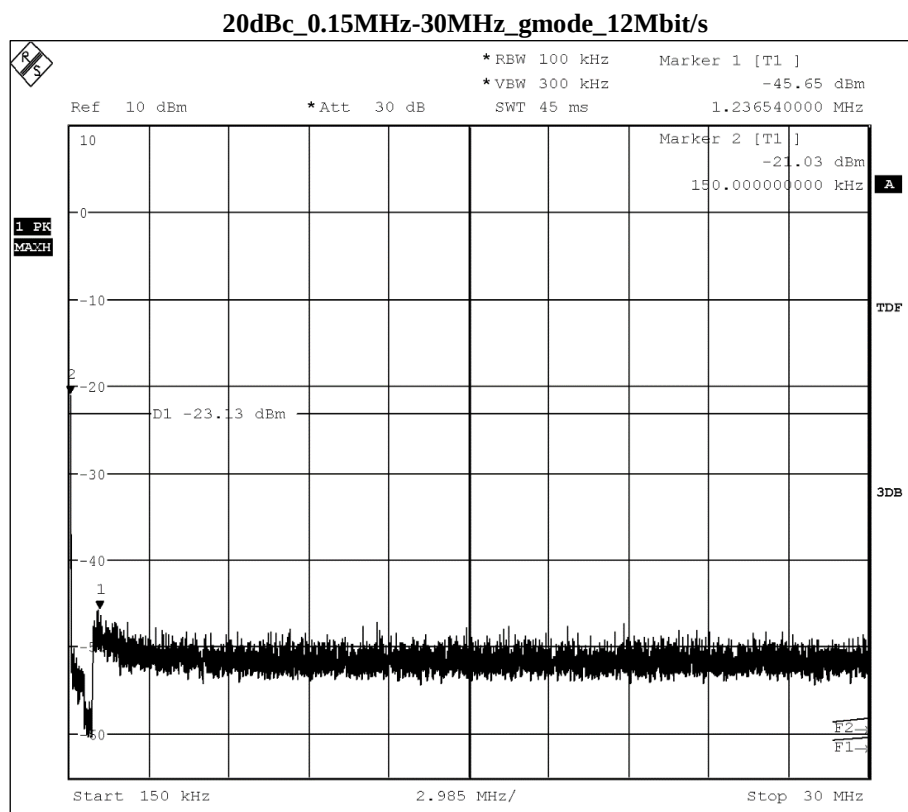
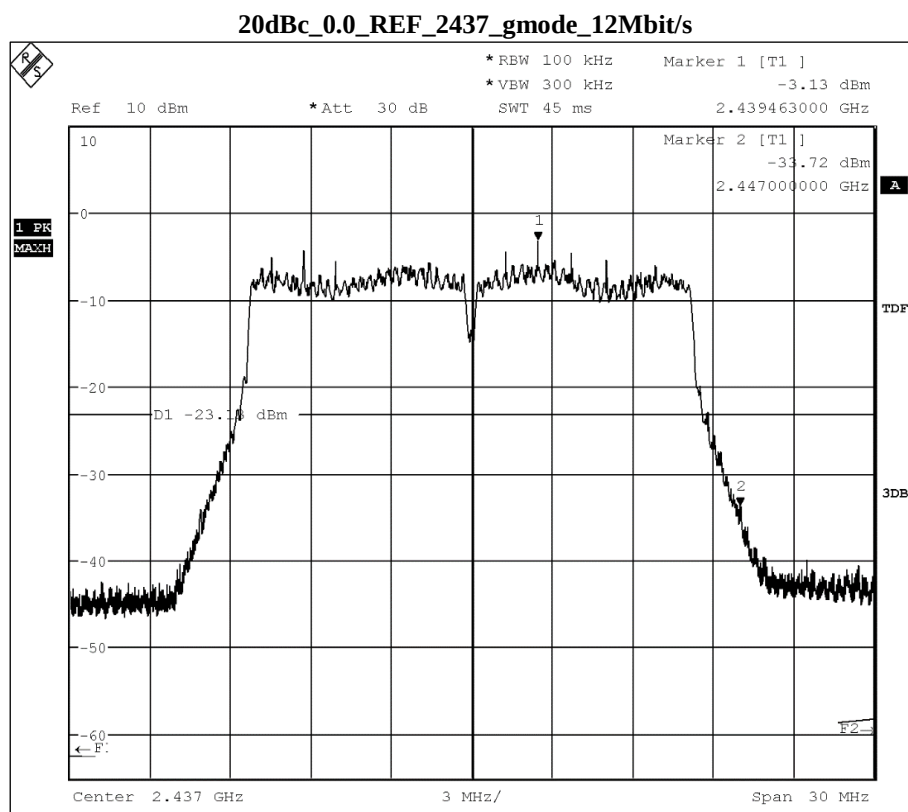
20dBc\_0.30MHz-2.8GHz\_2412\_1Mbit/s



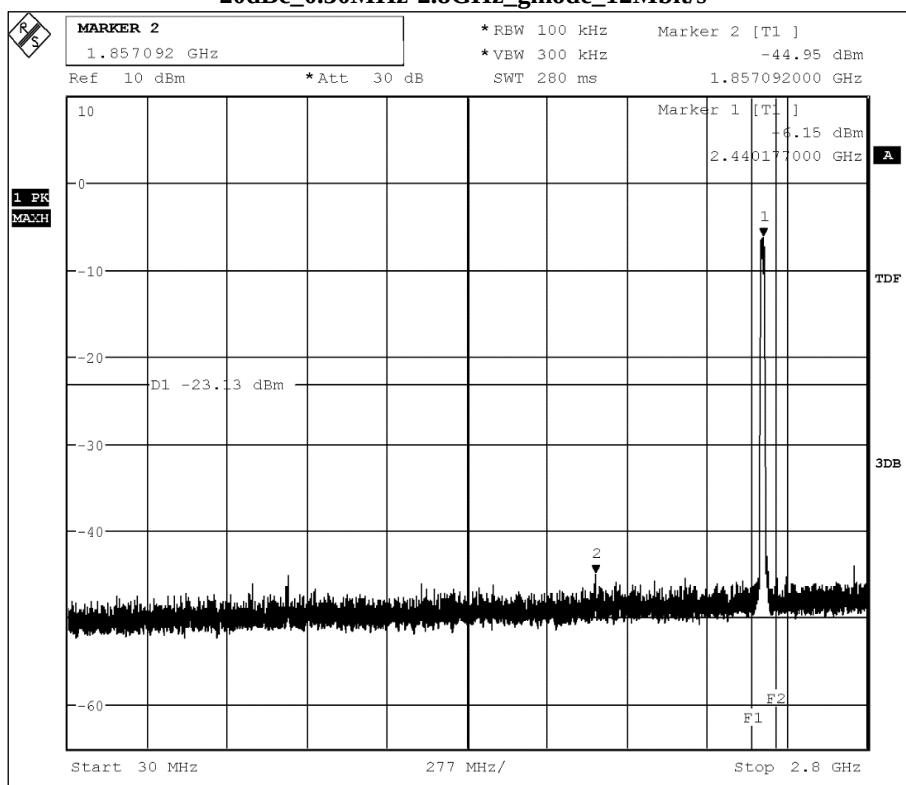
20dBc\_2.8GHz-26GHz\_2412\_1Mbit/s



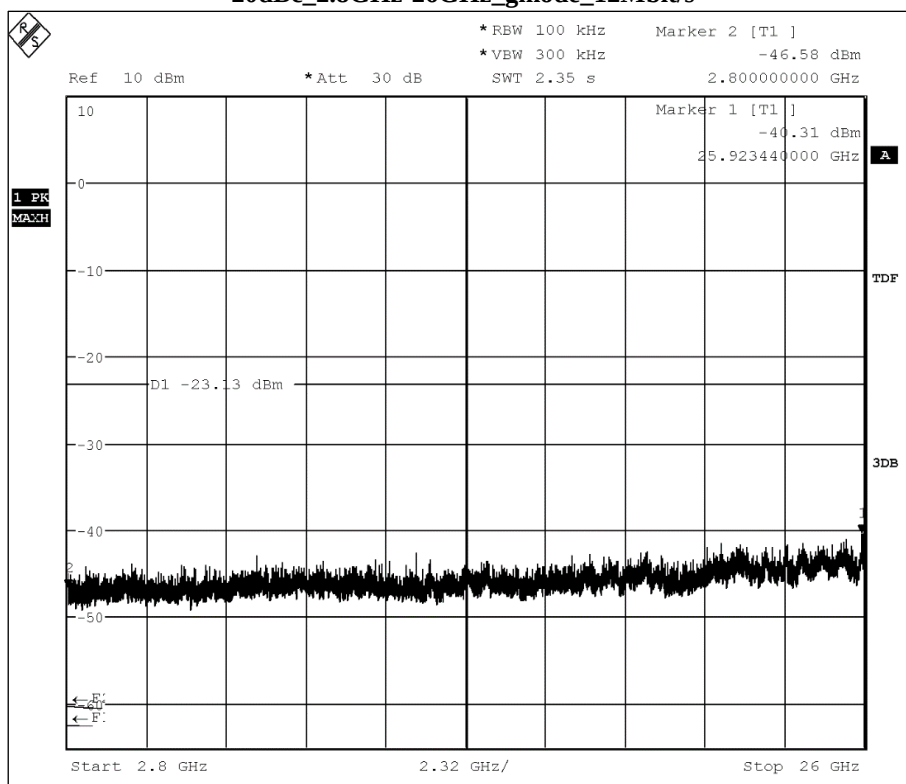
## 1.7.2. g-mode



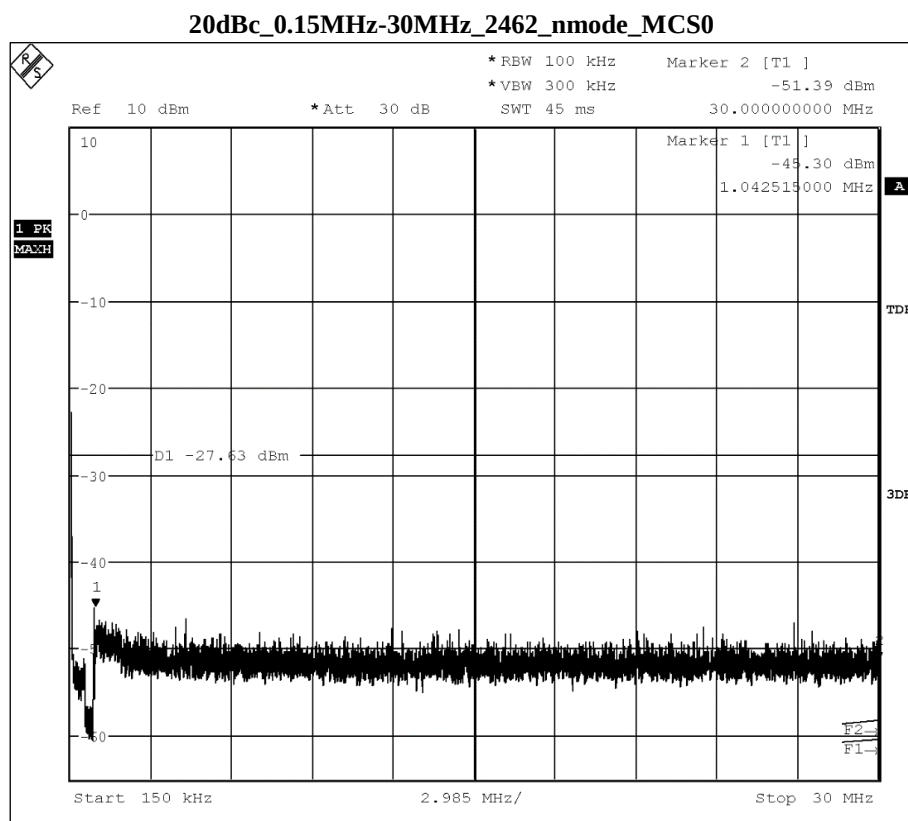
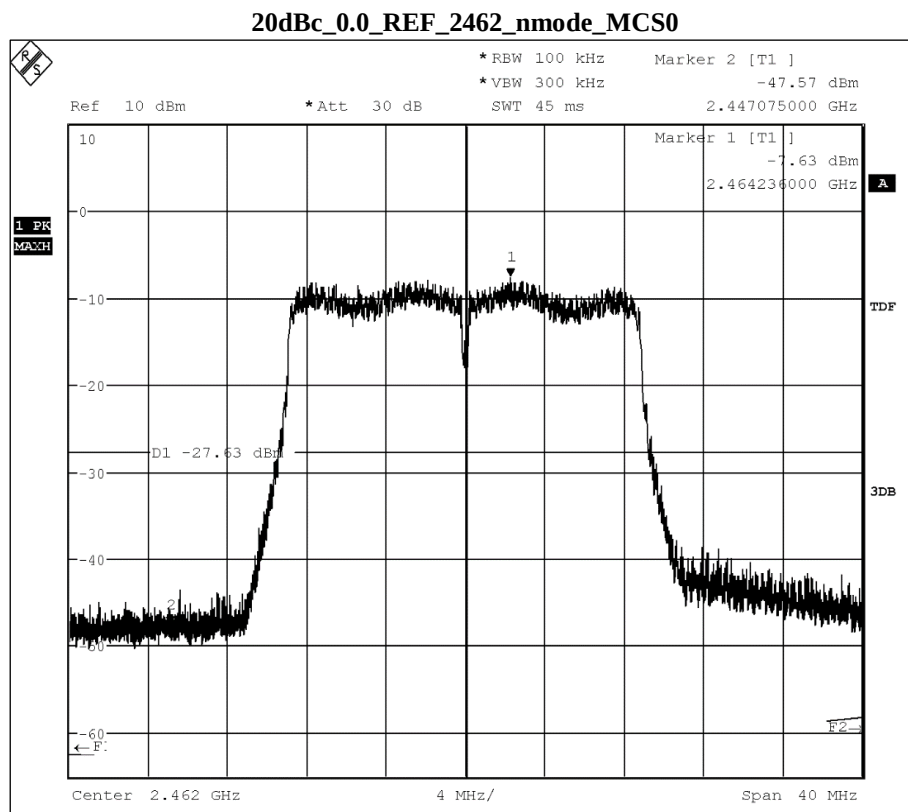
## 20dBc\_0.30MHz-2.8GHz\_gmode\_12Mbit/s



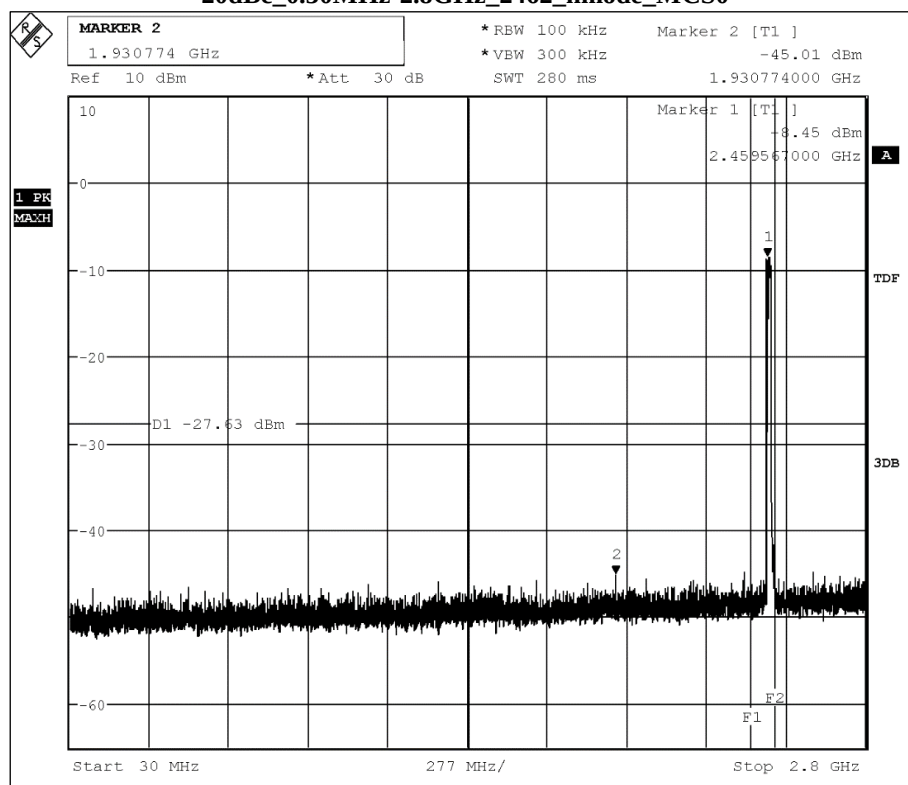
## 20dBc\_2.8GHz-26GHz\_gmode\_12Mbit/s



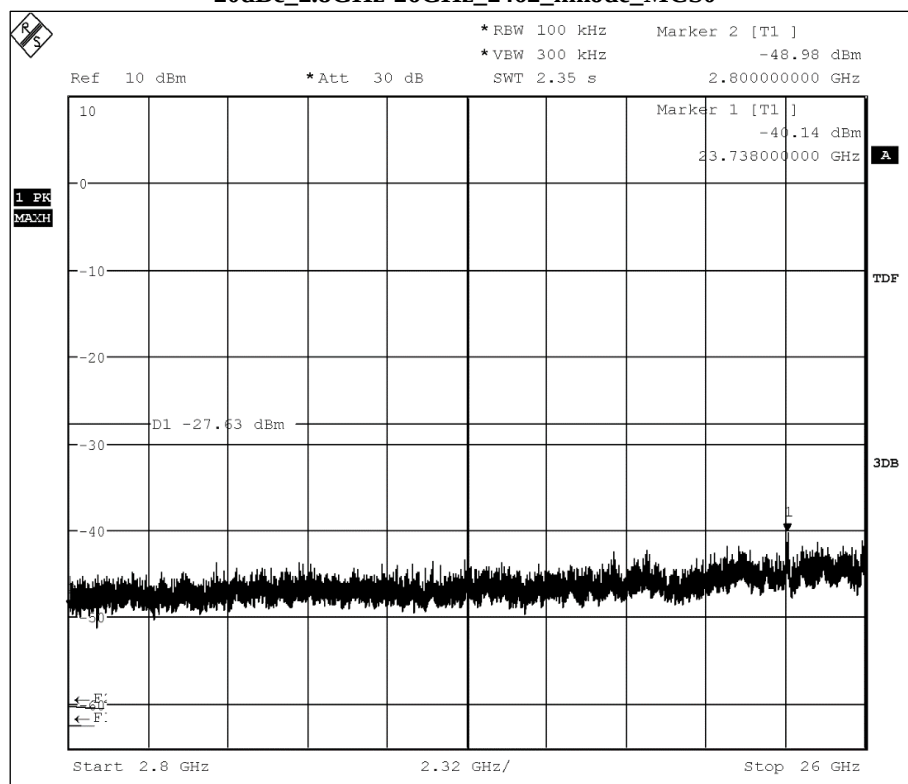
## 1.7.3. n-mode(HT20)



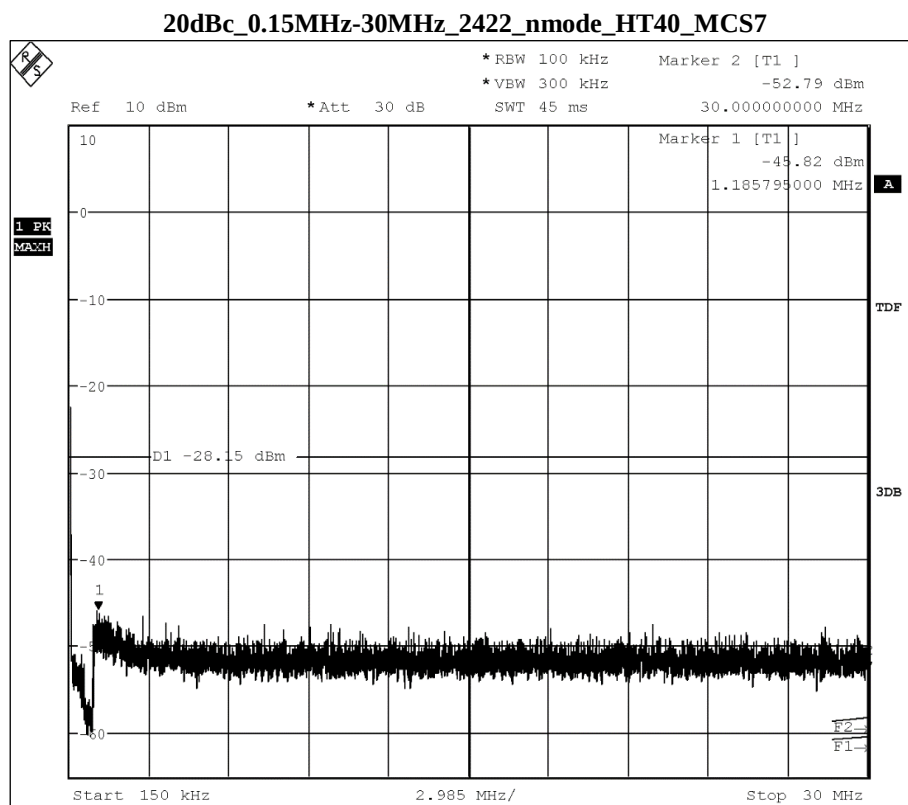
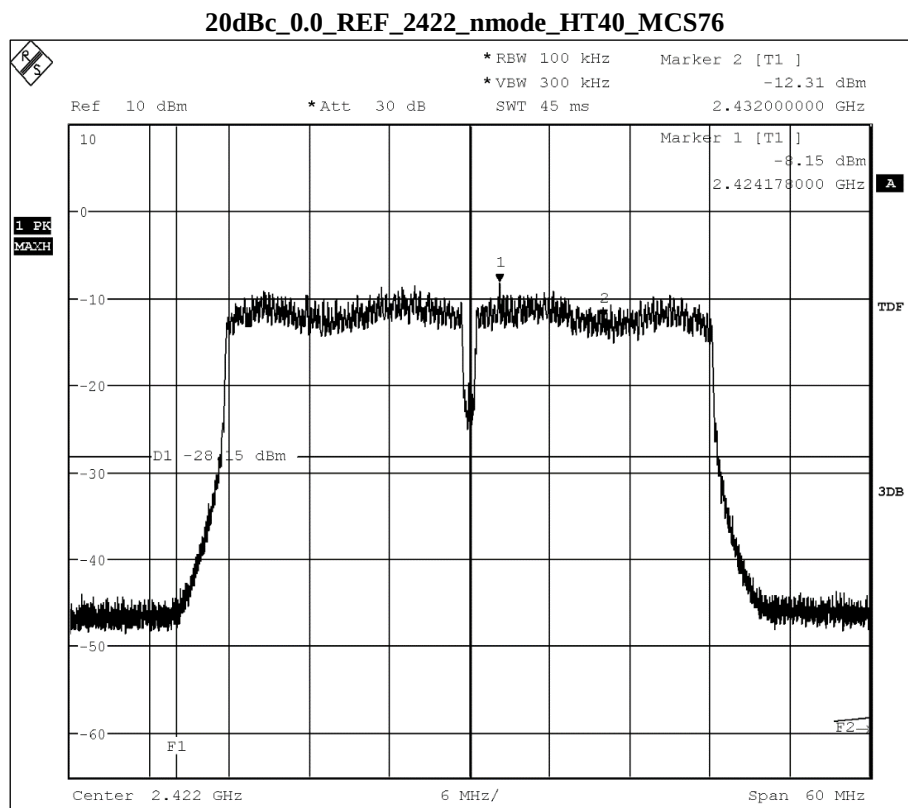
## 20dBc\_0.30MHz-2.8GHz\_2462\_nmode\_MCS0



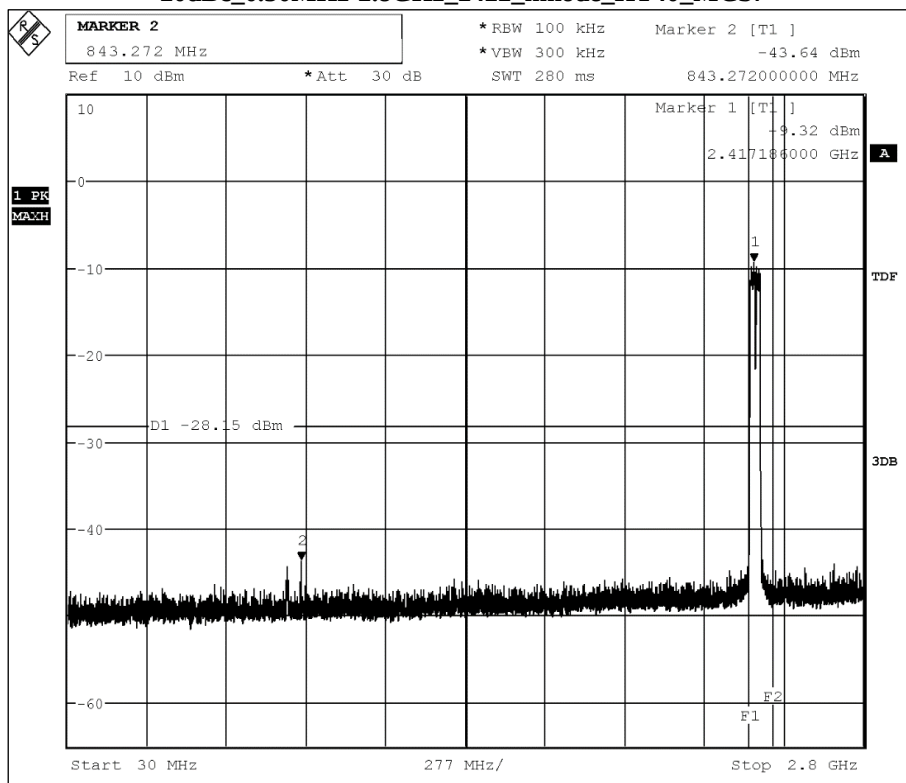
## 20dBc\_2.8GHz-26GHz\_2462\_nmode\_MCS0



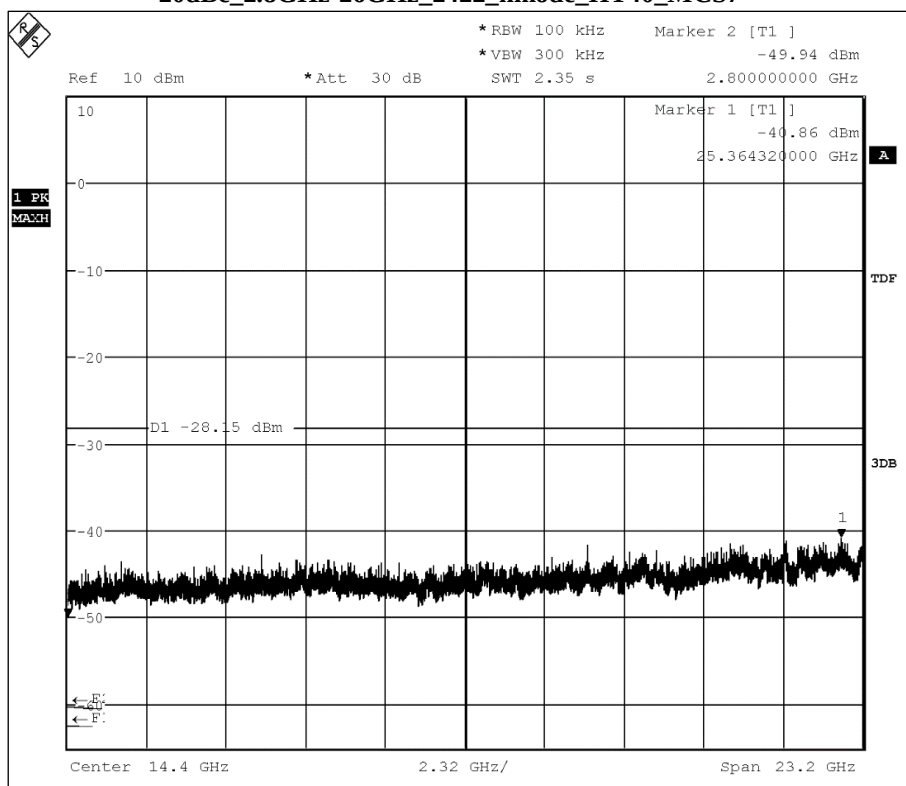
## 1.7.4. n-mode(HT40)



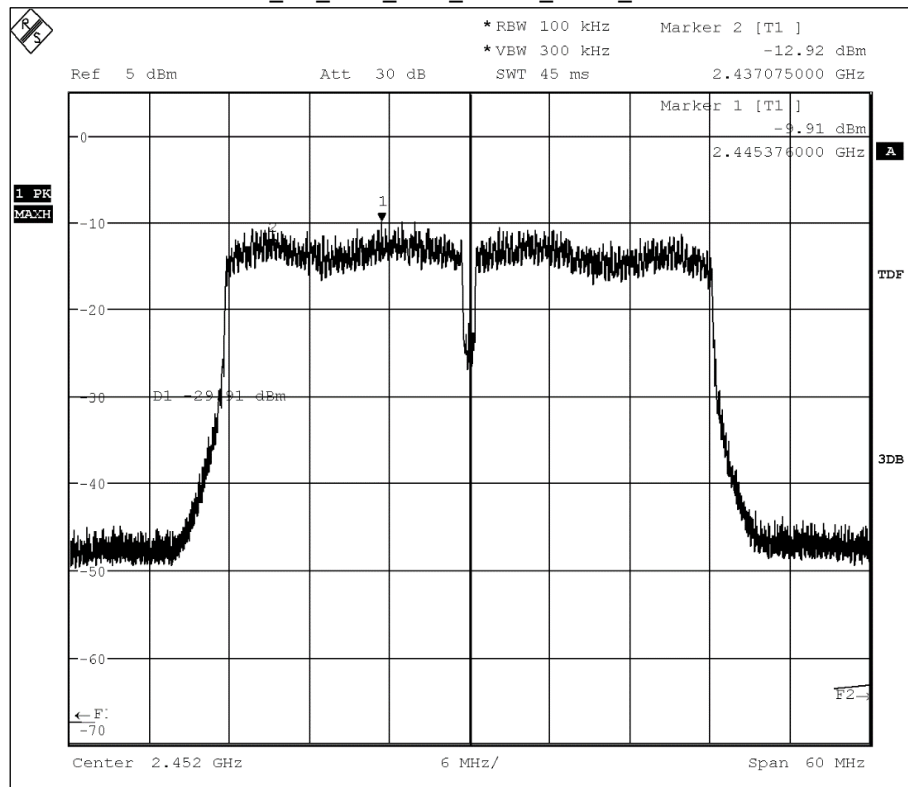
## 20dBc\_0.30MHz-2.8GHz\_2422\_nmode\_HT40\_MCS7



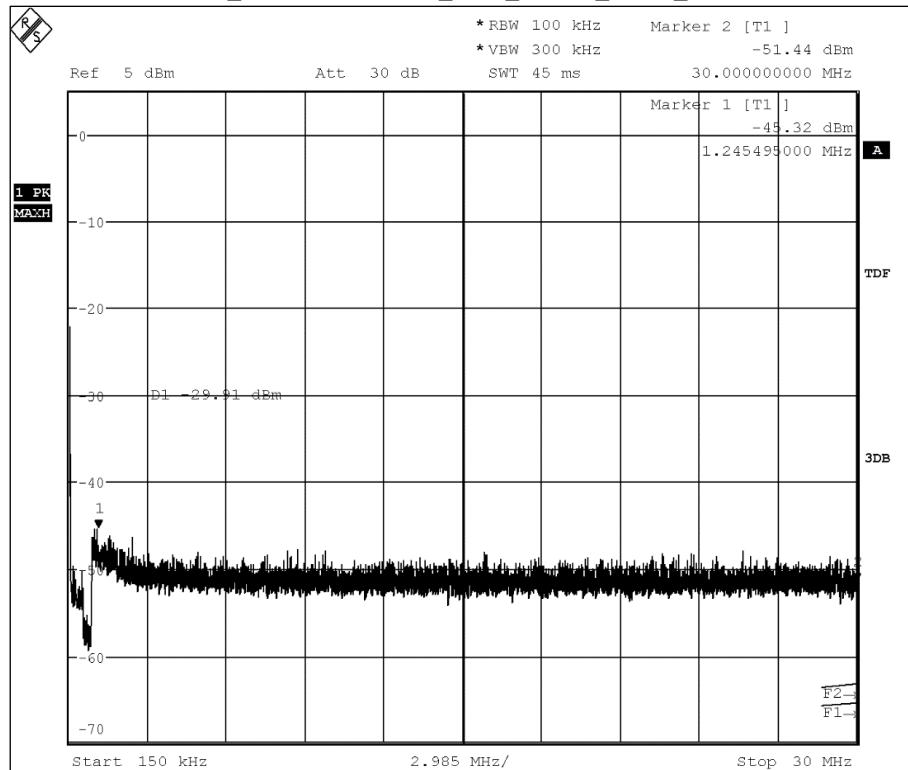
## 20dBc\_2.8GHz-26GHz\_2422\_nmode\_HT40\_MCS7



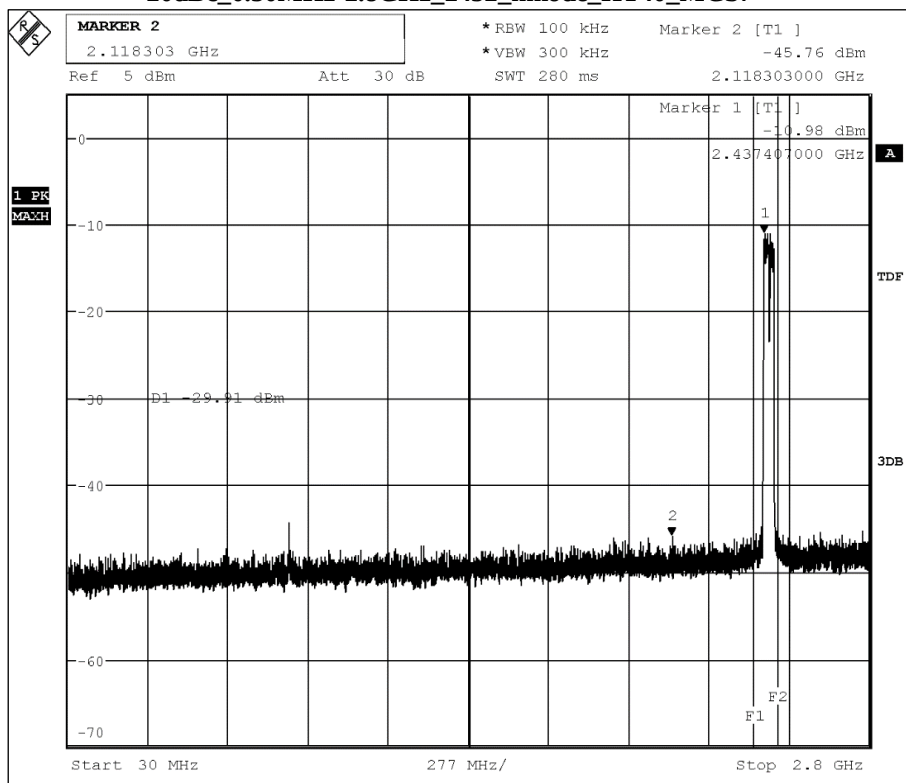
20dBc\_0.0\_REF\_2452\_nmode\_HT40\_MCS7



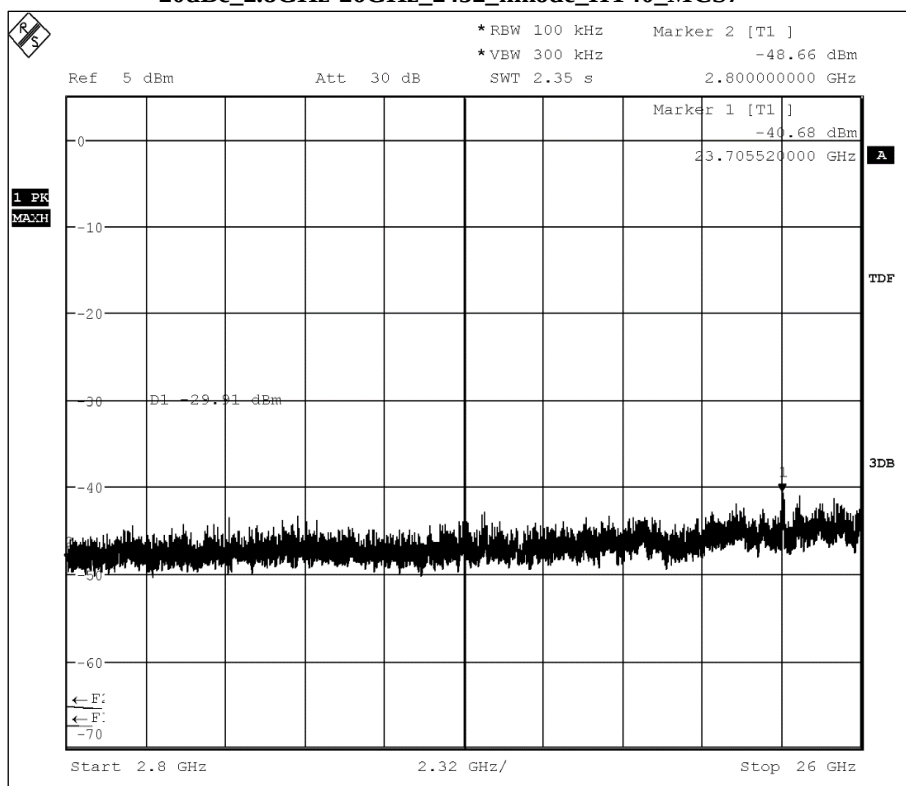
20dBc\_0.15MHz-30MHz\_2452\_nmode\_HT40\_MCS7



## 20dBc\_0.30MHz-2.8GHz\_2452\_nmode\_HT40\_MCS7



## 20dBc\_2.8GHz-26GHz\_2452\_nmode\_HT40\_MCS7



## 2. Radiated Measurements

### 2.1. Radiated magnetic field measurements below 30 MHz

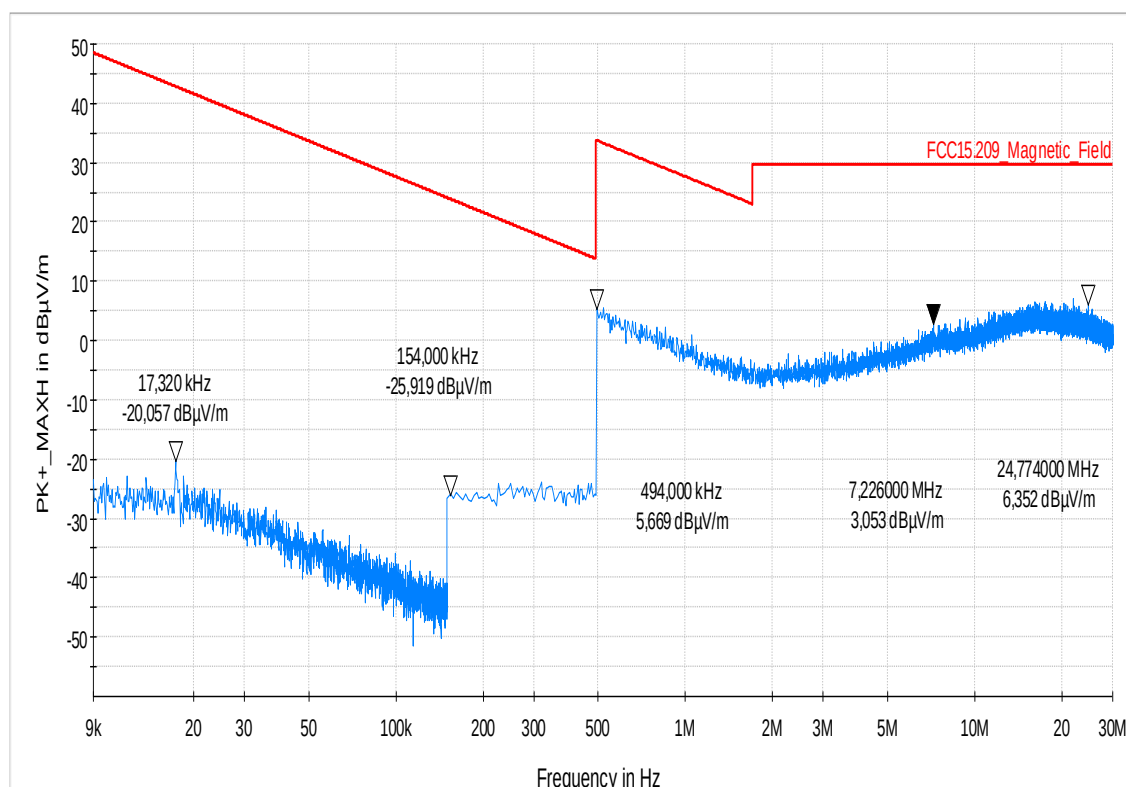
#### 2.01a\_b-mode\_ch01

##### Common Information

|                            |                                                                     |
|----------------------------|---------------------------------------------------------------------|
| Test description:          | Magnetic Field Strength Measurement related to 30/300 m distance    |
| Test site and distance:    | Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance |
| Version of Testsoftware:   | EMC32 V9.25.0                                                       |
| Distance correction:       | used accord. table, pls. see test report                            |
| Technical Data:            | Please see page 2 for detailed data of measurement setup            |
| Rec. antenna (pre-scan):   | height 1.00 m, parallel and 90° to EUT polarisation                 |
| Used filter:               | bypass                                                              |
| Test specification:        | FCC 15.205 § 15.209; RSS-Gen: Issue 5                               |
| Operator:                  | TFra                                                                |
| Operating Mode:            | WLAN 2.4   b-mode   1Mbit/s   ch01                                  |
| Comment 1:                 | Eut is Laying                                                       |
| Environmental Conditions:: | Humidity : 62,8%rH; Temperature: 22,6°C                             |
| Verdict:                   | Passed                                                              |

##### EUT Information

|               |                                           |
|---------------|-------------------------------------------|
| Manufacturer: | Robert Bosch Car Multimedia GmbH          |
| Model:        | AIVIV10                                   |
| Type:         | Multimedia device with Bluetooth and WLAN |
| HW-Version    | 001                                       |
| SW-Version    | 1049                                      |
| Comment:      | 0005057                                   |
| Power Supply: | 13.5 V DC                                 |



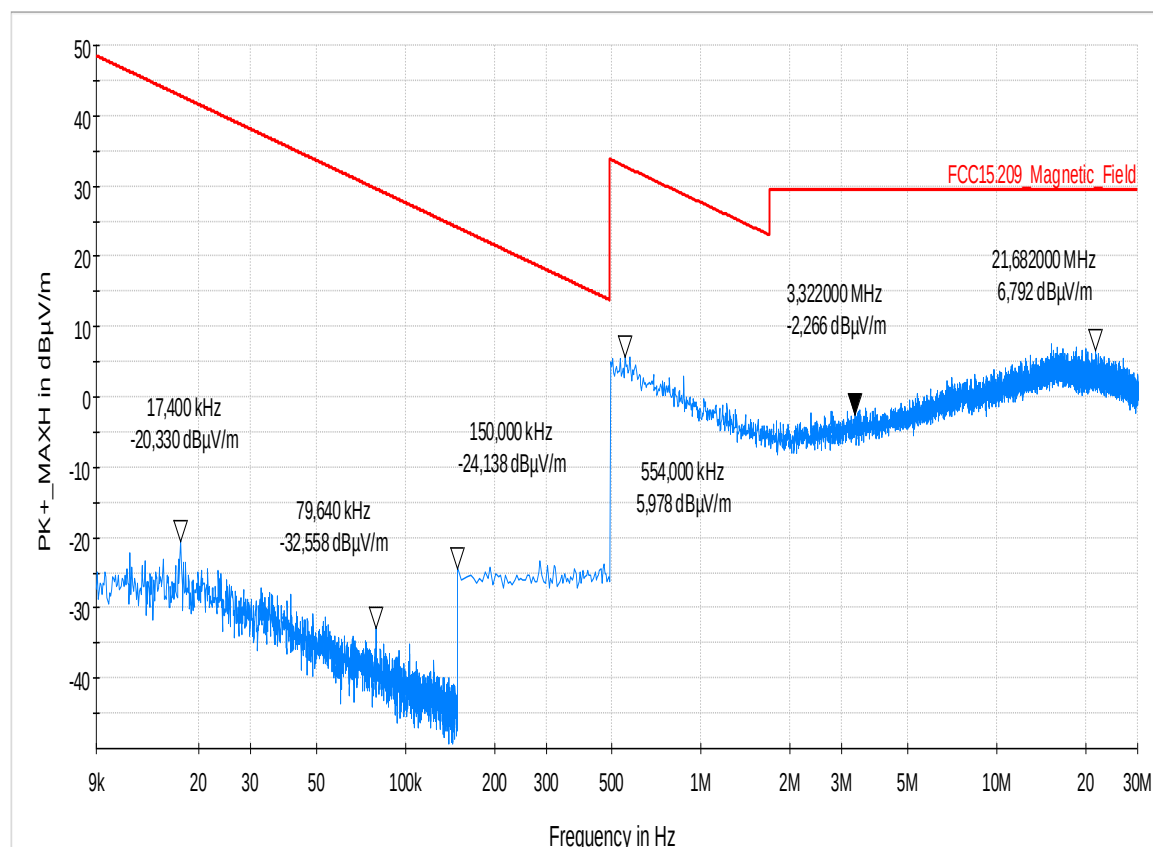
## 2.01b\_b-mode\_ch01

### Common Information

|                            |                                                                     |
|----------------------------|---------------------------------------------------------------------|
| Test description:          | Magnetic Field Strength Measurement related to 30/300 m distance    |
| Test site and distance:    | Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance |
| Version of Testsoftware:   | EMC32 V9.25.0                                                       |
| Distance correction:       | used accord. table, pls. see test report                            |
| Technical Data:            | Please see page 2 for detailed data of measurement setup            |
| Rec. antenna (pre-scan):   | height 1.00 m, parallel and 90° to EUT polarisation                 |
| Used filter:               | bypass                                                              |
| Test specification:        | FCC 15.205 § 15.209; RSS-Gen: Issue 5                               |
| Operator:                  | TFra                                                                |
| Operating Mode:            | WLAN 2.4   b-mode   1Mbit/s   ch01                                  |
| Comment 1:                 | Eut is Standing                                                     |
| Environmental Conditions:: | Humidity : 64,9%rH; Temperature: 22,5°C                             |
| EUT Setup:                 | Standing                                                            |
| Verdict:                   | Passed                                                              |

### EUT Information

|               |                                           |
|---------------|-------------------------------------------|
| Manufacturer: | Robert Bosch Car Multimedia GmbH          |
| Model:        | AIVIV10                                   |
| Type:         | Multimedia device with Bluetooth and WLAN |
| HW-Version    | 001                                       |
| SW-Version    | 1049                                      |
| Comment:      | 0005057                                   |
| Power Supply: | 13.5 V DC                                 |



## 2.2. Radiated electric field measurement 30 MHz to 1 GHz

### 3.01a\_b-mode\_ch01

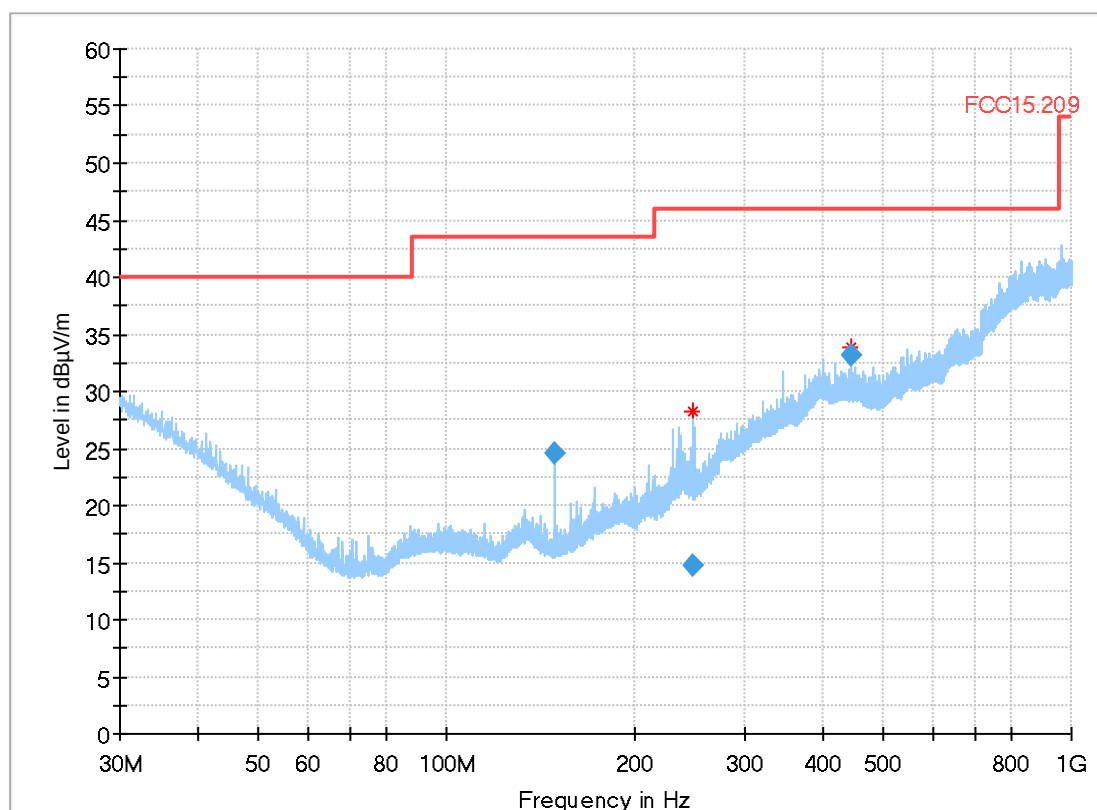
#### Common Information

|                            |                                                                     |
|----------------------------|---------------------------------------------------------------------|
| Test description:          | Electric Field Strength Measurement                                 |
| Test site and distance:    | Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance |
| Version of Testsoftware:   | EMC32 V9.25.0                                                       |
| Distance correction:       | not used                                                            |
| Used filter:               | not used                                                            |
| Technical Data:            | please see page 2 for detailed data of measurement setup            |
| Test specification.:       | FCC 15.209; RSS-Gen: Issue 5                                        |
| Operator:                  | MKh                                                                 |
| Operating Mode:            | WLAN 2.4 GHz                                                        |
| Power during tests:        | 13.5V DC                                                            |
| Comment 1:                 | b-mode   1Mbit/s  ch01                                              |
| Environmental Conditions.: | Humidity : 65,3%rH; Temperature: 21,6°C                             |
| EUT:                       | EUT Laying                                                          |
| Verdict:                   | Passed                                                              |

#### EUT Information

|               |                                           |
|---------------|-------------------------------------------|
| Manufacturer: | Robert Bosch Car Multimedia GmbH          |
| Model:        | AIVIV10                                   |
| Type:         | Multimedia device with Bluetooth and WLAN |
| HW-Version    | 001                                       |
| SW-Version    | 1049                                      |
| Comment:      | 0005057                                   |
| Power Supply: | 13.5 V DC                                 |

Full Spectrum



**Final\_Result**

| Frequency<br>(MHz) | QuasiPeak<br>(dBμV<br>/m) | Limit<br>(dBμV<br>/m) | Margin<br>(dB) | Bandwidth<br>(kHz) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Cor.<br>(dB) |
|--------------------|---------------------------|-----------------------|----------------|--------------------|----------------|-----|------------------|--------------|
| 148.500000         | 24.55                     | 43.50                 | 18.95          | 120.000            | 180.0          | H   | 107.0            | 8.6          |
| 247.256000         | 14.74                     | 46.00                 | 31.26          | 120.000            | 181.0          | H   | 115.0            | 13.1         |
| 445.500000         | 33.18                     | 46.00                 | 12.82          | 120.000            | 186.0          | H   | 70.0             | 19.4         |

## 3.01b\_b-mode\_ch01

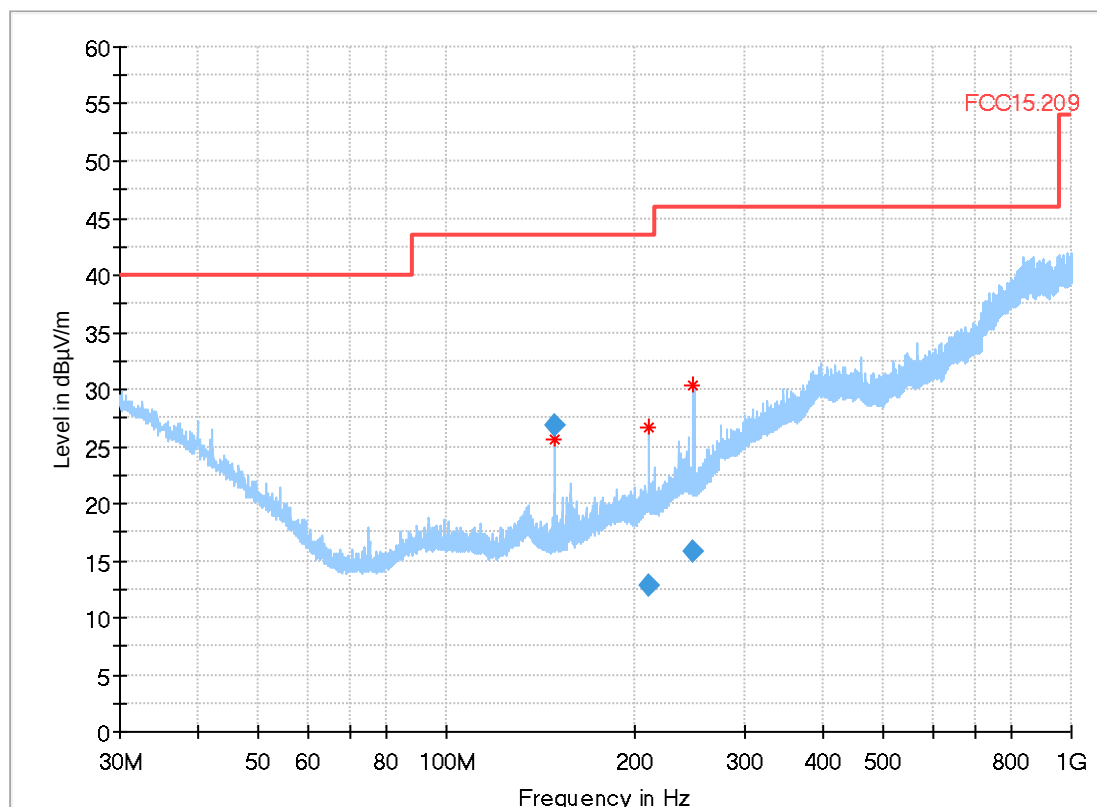
### Common Information

|                            |                                                                     |
|----------------------------|---------------------------------------------------------------------|
| Test description:          | Electric Field Strength Measurement                                 |
| Test site and distance:    | Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance |
| Version of Testsoftware:   | EMC32 V9.25.0                                                       |
| Distance correction:       | not used                                                            |
| Used filter:               | not used                                                            |
| Technical Data:            | please see page 2 for detailed data of measurement setup            |
| Test specification.:       | FCC 15.209; RSS-Gen: Issue 5                                        |
| Operator:                  | MKh                                                                 |
| Operating Mode:            | b-mode   1Mbit/s  ch01                                              |
| Power during tests:        | 13.5V DC                                                            |
| Environmental Conditions.: | Humidity : 65,8%rH; Temperature: 21,4°C                             |
| EUT:                       | EUT Standing                                                        |
| Verdict:                   | Passed                                                              |

### EUT Information

|               |                                           |
|---------------|-------------------------------------------|
| Manufacturer: | Robert Bosch Car Multimedia GmbH          |
| Model:        | AIVIV10                                   |
| Type:         | Multimedia device with Bluetooth and WLAN |
| HW-Version    | 001                                       |
| SW-Version    | 1049                                      |
| Comment:      | 0005057                                   |
| Power Supply: | 13.5 V DC                                 |

Full Spectrum



**Final\_Result**

| Frequency<br>(MHz) | QuasiPeak<br>(dBμV<br>/m) | Limit<br>(dBμV<br>/m) | Margin<br>(dB) | Bandwidth<br>(kHz) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Cor.<br>(dB) |
|--------------------|---------------------------|-----------------------|----------------|--------------------|----------------|-----|------------------|--------------|
| 148.500000         | 26.92                     | 43.50                 | 16.58          | 120.000            | 200.0          | H   | 99.0             | 8.6          |
| 211.268000         | 12.76                     | 43.50                 | 30.74          | 120.000            | 216.0          | V   | 349.0            | 11.7         |
| 247.112000         | 15.77                     | 46.00                 | 30.23          | 120.000            | 121.0          | H   | 160.0            | 13.1         |

## 3.02a\_g-mode\_ch06

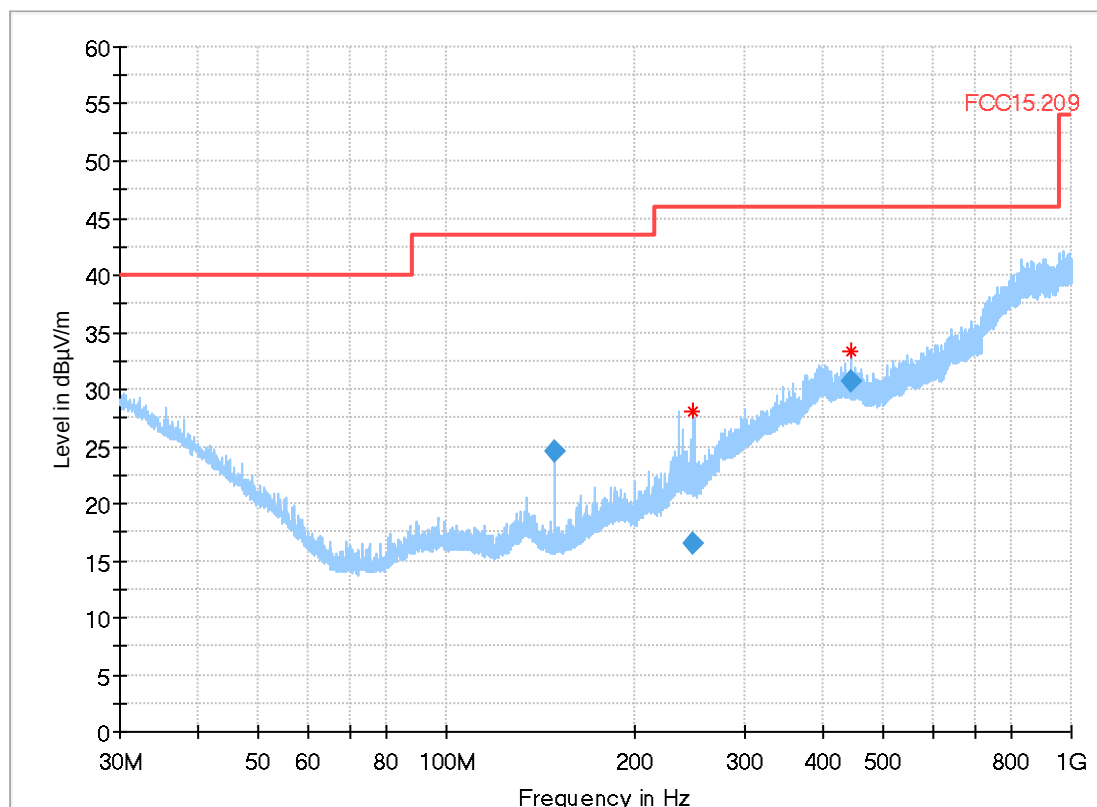
### Common Information

|                            |                                                                     |
|----------------------------|---------------------------------------------------------------------|
| Test description:          | Electric Field Strength Measurement                                 |
| Test site and distance:    | Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance |
| Version of Testsoftware:   | EMC32 V9.25.0                                                       |
| Distance correction:       | not used                                                            |
| Used filter:               | not used                                                            |
| Technical Data:            | please see page 2 for detailed data of measurement setup            |
| Test specification.:       | FCC 15.209; RSS-Gen: Issue 5                                        |
| Operator:                  | MKh                                                                 |
| Operating Mode:            | g-mode   12Mbit/s   ch06                                            |
| Power during tests:        | 13.5V DC                                                            |
| Environmental Conditions.: | Humidity : 65,3%rH; Temperature: 21,7°C                             |
| EUT:                       | EUT Laying                                                          |
| Verdict:                   | Passed                                                              |

### EUT Information

|               |                                           |
|---------------|-------------------------------------------|
| Manufacturer: | Robert Bosch Car Multimedia GmbH          |
| Model:        | AIVIV10                                   |
| Type:         | Multimedia device with Bluetooth and WLAN |
| HW-Version    | 001                                       |
| SW-Version    | 1049                                      |
| Comment:      | 0005057                                   |
| Power Supply: | 13.5 V DC                                 |

Full Spectrum



**Final\_Result**

| Frequency<br>(MHz) | QuasiPeak<br>(dBμV<br>/m) | Limit<br>(dBμV<br>/m) | Margin<br>(dB) | Bandwidth<br>(kHz) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Cor.<br>(dB) |
|--------------------|---------------------------|-----------------------|----------------|--------------------|----------------|-----|------------------|--------------|
| 148.500000         | 24.53                     | 43.50                 | 18.97          | 120.000            | 220.0          | H   | 89.0             | 8.6          |
| 247.128000         | 16.44                     | 46.00                 | 29.56          | 120.000            | 144.0          | H   | 316.0            | 13.1         |
| 445.496000         | 30.69                     | 46.00                 | 15.31          | 120.000            | 179.0          | H   | 63.0             | 19.4         |

## 3.02b\_g-mode\_ch06

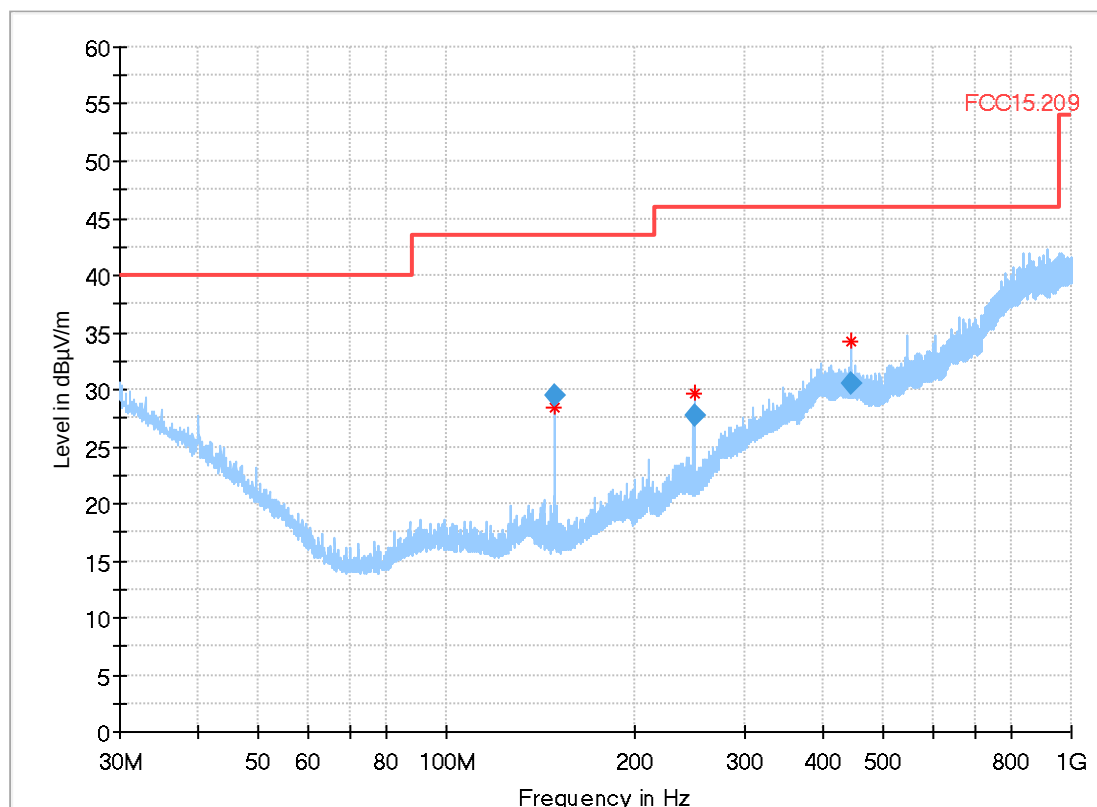
### Common Information

|                            |                                                                     |
|----------------------------|---------------------------------------------------------------------|
| Test description:          | Electric Field Strength Measurement                                 |
| Test site and distance:    | Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance |
| Version of Testsoftware:   | EMC32 V9.25.0                                                       |
| Distance correction:       | not used                                                            |
| Used filter:               | not used                                                            |
| Technical Data:            | please see page 2 for detailed data of measurement setup            |
| Test specification.:       | FCC 15.209; RSS-Gen: Issue 5                                        |
| Operator:                  | MKh                                                                 |
| Operating Mode:            | g-mode   12Mbit/s   ch06                                            |
| Power during tests:        | 13.5V DC                                                            |
| Environmental Conditions.: | Humidity : 65,5%rH; Temperature: 21,7°C                             |
| EUT:                       | EUT Standing                                                        |
| Verdict:                   | Passed                                                              |

### EUT Information

|               |                                           |
|---------------|-------------------------------------------|
| Manufacturer: | Robert Bosch Car Multimedia GmbH          |
| Model:        | AIVIV10                                   |
| Type:         | Multimedia device with Bluetooth and WLAN |
| HW-Version    | 001                                       |
| SW-Version    | 1049                                      |
| Comment:      | 0005057                                   |
| Power Supply: | 13.5 V DC                                 |

Full Spectrum



**Final\_Result**

| Frequency<br>(MHz) | QuasiPeak<br>(dBμV<br>/m) | Limit<br>(dBμV<br>/m) | Margin<br>(dB) | Bandwidth<br>(kHz) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Cor.<br>(dB) |
|--------------------|---------------------------|-----------------------|----------------|--------------------|----------------|-----|------------------|--------------|
| 148.500000         | 29.47                     | 43.50                 | 14.03          | 120.000            | 167.0          | H   | 304.0            | 8.6          |
| 249.992000         | 27.72                     | 46.00                 | 18.28          | 120.000            | 117.0          | H   | 3.0              | 13.0         |
| 445.496000         | 30.47                     | 46.00                 | 15.53          | 120.000            | 129.0          | V   | 171.0            | 19.4         |

## 3.03a\_n-mode\_ch11

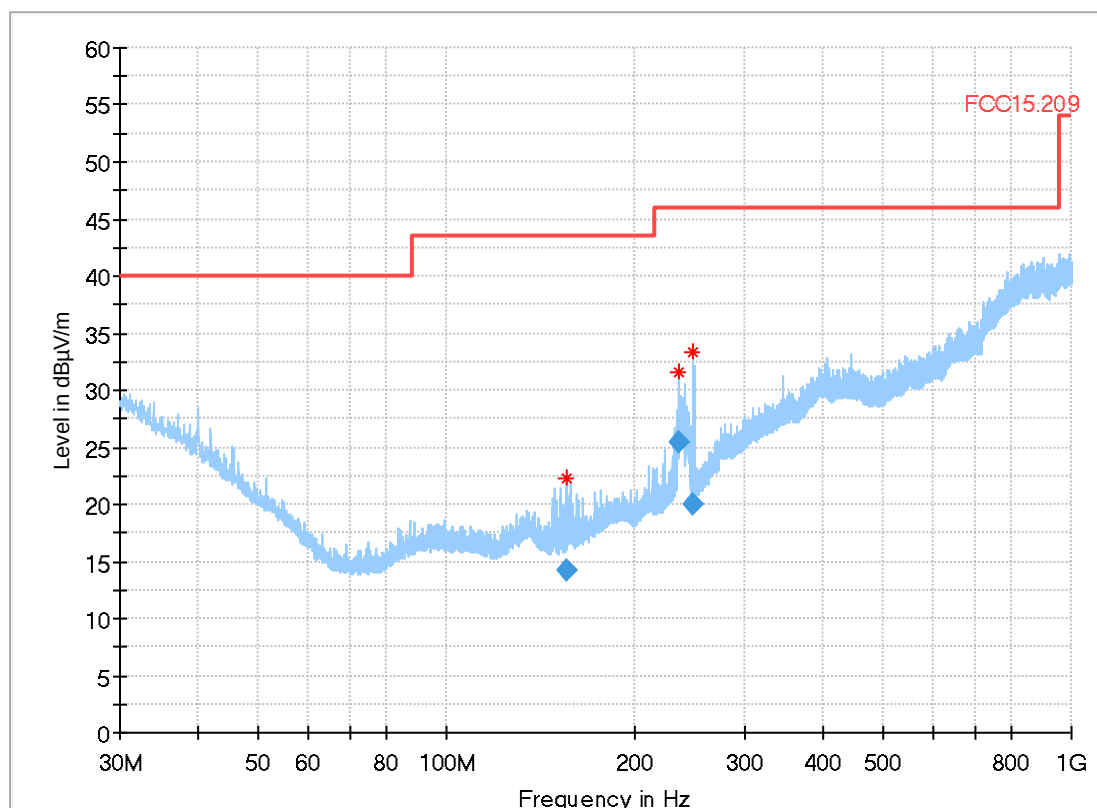
### Common Information

|                            |                                                                     |
|----------------------------|---------------------------------------------------------------------|
| Test description:          | Electric Field Strength Measurement                                 |
| Test site and distance:    | Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance |
| Version of Testsoftware:   | EMC32 V9.25.0                                                       |
| Distance correction:       | not used                                                            |
| Used filter:               | not used                                                            |
| Technical Data:            | please see page 2 for detailed data of measurement setup            |
| Test specification.:       | FCC 15.209; RSS-Gen: Issue 5                                        |
| Operator:                  | MKh                                                                 |
| Operating Mode:            | n-mode   MCS0   ch11                                                |
| Power during tests:        | 13.5V DC                                                            |
| Environmental Conditions.: | Humidity : 64,6%rH; Temperature: 22,0°C                             |
| EUT:                       | EUT Laying                                                          |
| Verdict:                   | Passed                                                              |

### EUT Information

|               |                                           |
|---------------|-------------------------------------------|
| Manufacturer: | Robert Bosch Car Multimedia GmbH          |
| Model:        | AIVIV10                                   |
| Type:         | Multimedia device with Bluetooth and WLAN |
| HW-Version    | 001                                       |
| SW-Version    | 1049                                      |
| Comment:      | 0005057                                   |
| Power Supply: | 13.5 V DC                                 |

Full Spectrum



**Final\_Result**

| Frequency<br>(MHz) | QuasiPeak<br>(dBμV<br>/m) | Limit<br>(dBμV<br>/m) | Margin<br>(dB) | Bandwidth<br>(kHz) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Cor.<br>(dB) |
|--------------------|---------------------------|-----------------------|----------------|--------------------|----------------|-----|------------------|--------------|
| 155.404000         | 14.26                     | 43.50                 | 29.24          | 120.000            | 134.0          | H   | 248.0            | 8.9          |
| 235.224000         | 25.47                     | 46.00                 | 20.53          | 120.000            | 129.0          | H   | 184.0            | 13.1         |
| 247.192000         | 19.93                     | 46.00                 | 26.07          | 120.000            | 143.0          | H   | 196.0            | 13.1         |

## 3.03b\_n-mode\_ch11

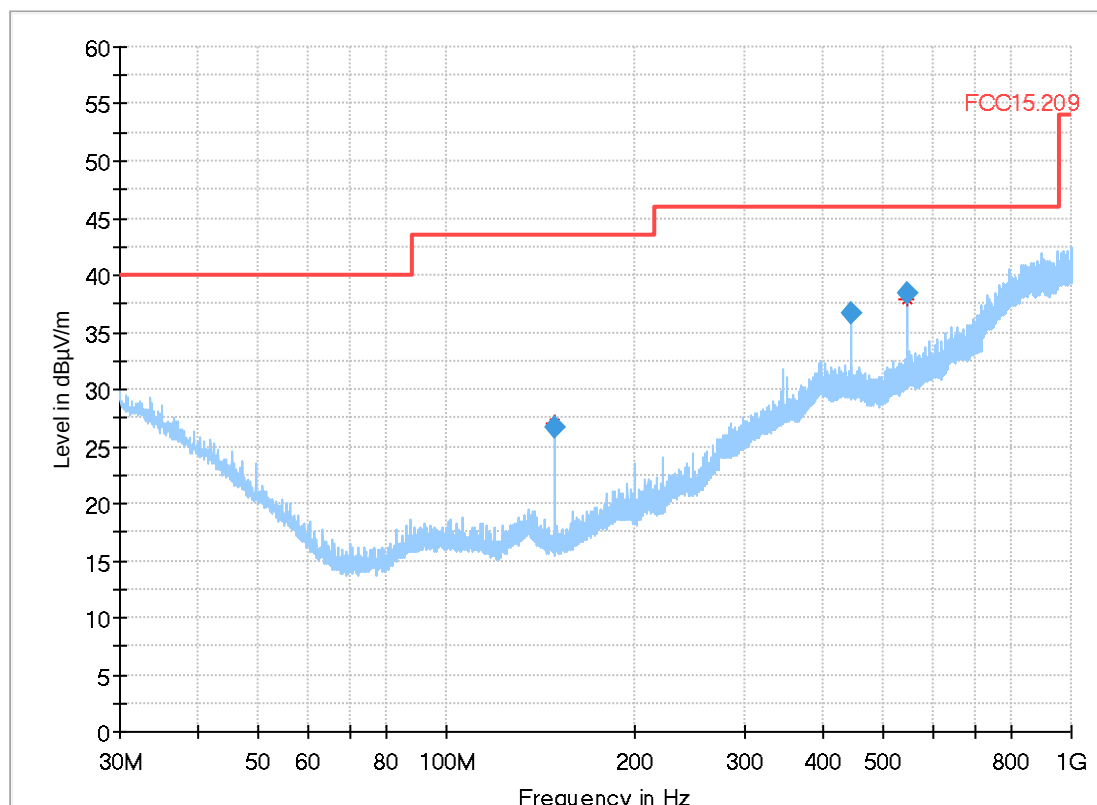
### Common Information

|                            |                                                                     |
|----------------------------|---------------------------------------------------------------------|
| Test description:          | Electric Field Strength Measurement                                 |
| Test site and distance:    | Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance |
| Version of Testsoftware:   | EMC32 V9.25.0                                                       |
| Distance correction:       | not used                                                            |
| Used filter:               | not used                                                            |
| Technical Data:            | please see page 2 for detailed data of measurement setup            |
| Test specification.:       | FCC 15.209; RSS-Gen: Issue 5                                        |
| Operator:                  | MKh                                                                 |
| Operating Mode:            | n-mode   MCS0   ch11                                                |
| Power during tests:        | 13.5V DC                                                            |
| Environmental Conditions.: | Humidity : 64,0%rH; Temperature: 22,2°C                             |
| EUT:                       | EUT Standing                                                        |
| Verdict:                   | Passed                                                              |

### EUT Information

|               |                                           |
|---------------|-------------------------------------------|
| Manufacturer: | Robert Bosch Car Multimedia GmbH          |
| Model:        | AIVIV10                                   |
| Type:         | Multimedia device with Bluetooth and WLAN |
| HW-Version    | 001                                       |
| SW-Version    | 1049                                      |
| Comment:      | 0005057                                   |
| Power Supply: | 13.5 V DC                                 |

Full Spectrum



**Final\_Result**

| Frequency<br>(MHz) | QuasiPeak<br>(dBμV<br>/m) | Limit<br>(dBμV<br>/m) | Margin<br>(dB) | Bandwidth<br>(kHz) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB) |
|--------------------|---------------------------|-----------------------|----------------|--------------------|----------------|-----|------------------|---------------|
| 148.500000         | 26.74                     | 43.50                 | 16.76          | 120.000            | 109.0          | V   | 269.0            | 8.6           |
| 445.496000         | 36.60                     | 46.00                 | 9.40           | 120.000            | 113.0          | V   | 163.0            | 19.4          |
| 544.496000         | 38.37                     | 46.00                 | 7.63           | 120.000            | 105.0          | V   | 93.0             | 21.2          |

## 3.04a\_n40-mode\_ch03

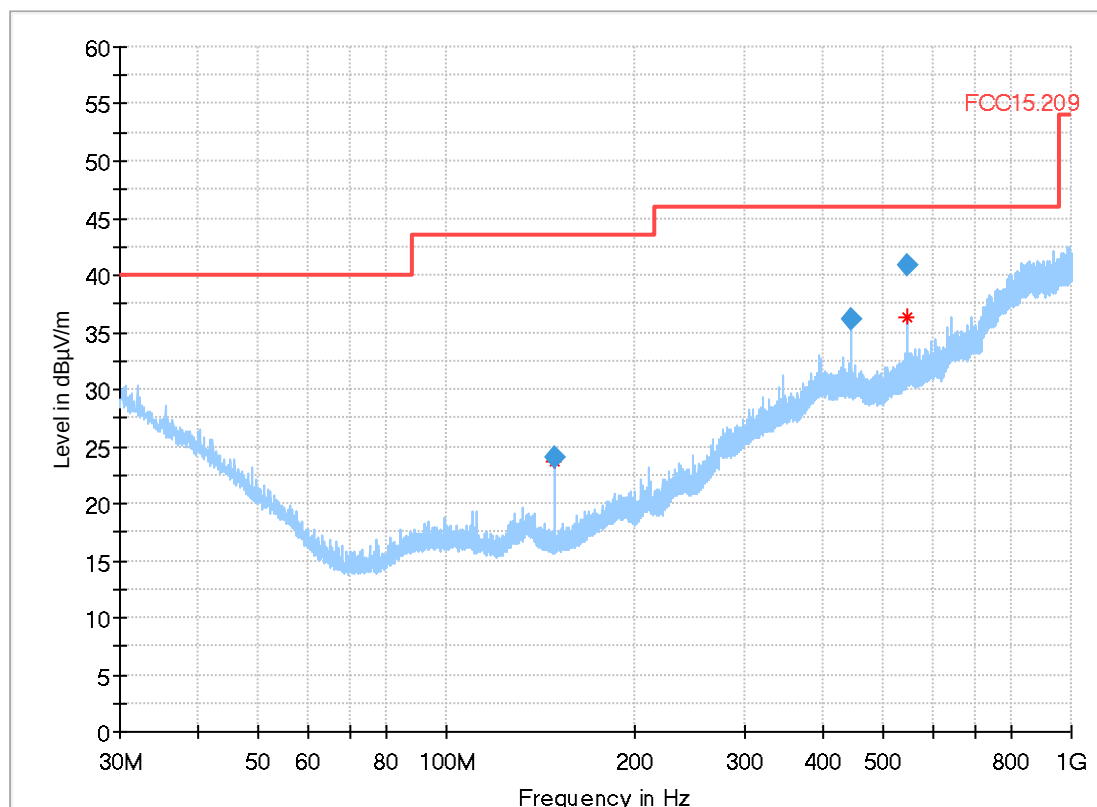
### Common Information

|                            |                                                                     |
|----------------------------|---------------------------------------------------------------------|
| Test description:          | Electric Field Strength Measurement                                 |
| Test site and distance:    | Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance |
| Version of Testsoftware:   | EMC32 V9.25.0                                                       |
| Distance correction:       | not used                                                            |
| Used filter:               | not used                                                            |
| Technical Data:            | please see page 2 for detailed data of measurement setup            |
| Test specification.:       | FCC 15.209; RSS-Gen: Issue 5                                        |
| Operator:                  | MKh                                                                 |
| Operating Mode:            | n40-mode   MCS7   ch03                                              |
| Power during tests:        | 13.5V DC                                                            |
| Environmental Conditions.: | Humidity : 63,5%rH; Temperature: 22,4°C                             |
| EUT:                       | EUT Laying                                                          |
| Verdict:                   | Passed                                                              |

### EUT Information

|               |                                           |
|---------------|-------------------------------------------|
| Manufacturer: | Robert Bosch Car Multimedia GmbH          |
| Model:        | AIVIV10                                   |
| Type:         | Multimedia device with Bluetooth and WLAN |
| HW-Version    | 001                                       |
| SW-Version    | 1049                                      |
| Comment:      | 0005057                                   |
| Power Supply: | 13.5 V DC                                 |

Full Spectrum



**Final\_Result**

| Frequency<br>(MHz) | QuasiPeak<br>(dBμV<br>/m) | Limit<br>(dBμV<br>/m) | Margin<br>(dB) | Bandwidth<br>(kHz) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Cor.<br>(dB) |
|--------------------|---------------------------|-----------------------|----------------|--------------------|----------------|-----|------------------|--------------|
| 148.500000         | 24.11                     | 43.50                 | 19.39          | 120.000            | 105.0          | V   | 68.0             | 8.6          |
| 445.496000         | 36.13                     | 46.00                 | 9.87           | 120.000            | 170.0          | H   | 79.0             | 19.4         |
| 544.496000         | 40.94                     | 46.00                 | 5.06           | 120.000            | 145.0          | H   | 133.0            | 21.2         |

## 3.04b\_n40-mode\_ch03

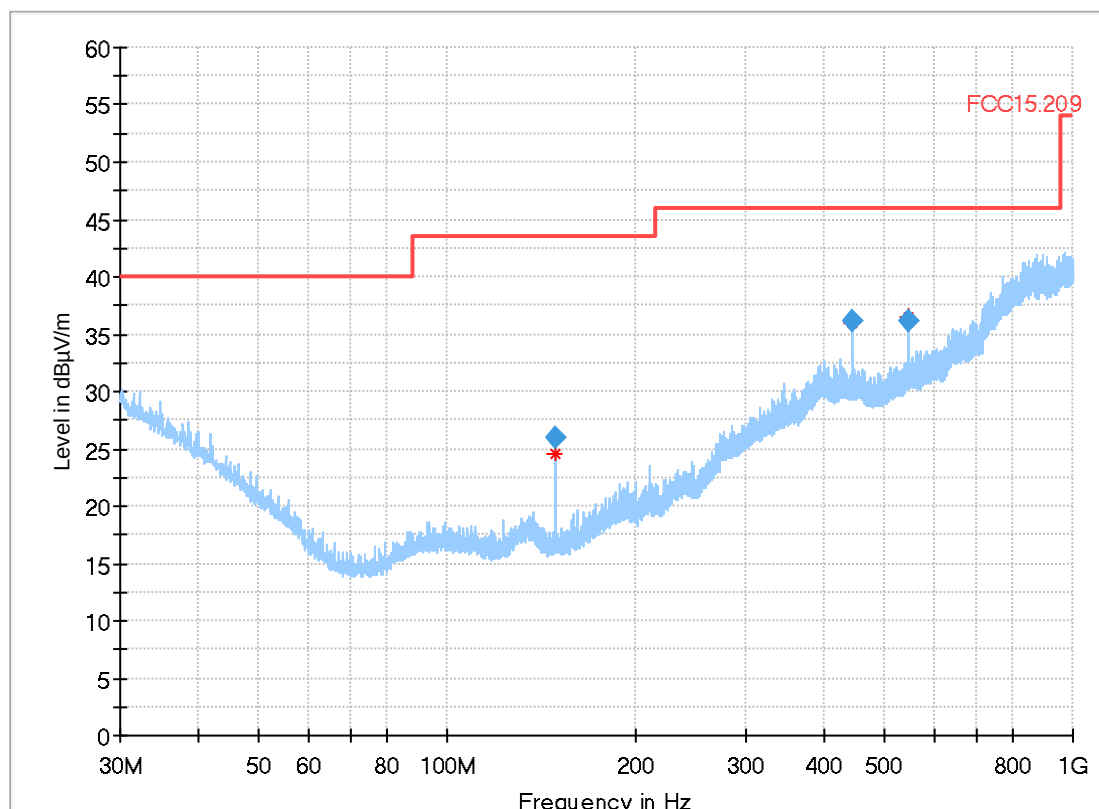
### Common Information

|                            |                                                                     |
|----------------------------|---------------------------------------------------------------------|
| Test description:          | Electric Field Strength Measurement                                 |
| Test site and distance:    | Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance |
| Version of Testsoftware:   | EMC32 V9.25.0                                                       |
| Distance correction:       | not used                                                            |
| Used filter:               | not used                                                            |
| Technical Data:            | please see page 2 for detailed data of measurement setup            |
| Test specification.:       | FCC 15.209; RSS-Gen: Issue 5                                        |
| Operator:                  | MKh                                                                 |
| Operating Mode:            | n40-mode   MCS7   ch03                                              |
| Power during tests:        | 13.5V DC                                                            |
| Environmental Conditions.: | Humidity : 63,1%rH; Temperature: 22,5°C                             |
| EUT:                       | EUT Standing                                                        |
| Verdict:                   | Passed                                                              |

### EUT Information

|               |                                           |
|---------------|-------------------------------------------|
| Manufacturer: | Robert Bosch Car Multimedia GmbH          |
| Model:        | AIVIV10                                   |
| Type:         | Multimedia device with Bluetooth and WLAN |
| HW-Version    | 001                                       |
| SW-Version    | 1049                                      |
| Comment:      | 0005057                                   |
| Power Supply: | 13.5 V DC                                 |

Full Spectrum



**Final\_Result**

| Frequency<br>(MHz) | QuasiPeak<br>(dBμV<br>/m) | Limit<br>(dBμV<br>/m) | Margin<br>(dB) | Bandwidth<br>(kHz) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB) |
|--------------------|---------------------------|-----------------------|----------------|--------------------|----------------|-----|------------------|---------------|
| 148.500000         | 26.00                     | 43.50                 | 17.50          | 120.000            | 105.0          | V   | 67.0             | 8.6           |
| 445.496000         | 36.13                     | 46.00                 | 9.87           | 120.000            | 121.0          | V   | 163.0            | 19.4          |
| 544.496000         | 36.19                     | 46.00                 | 9.81           | 120.000            | 105.0          | V   | 66.0             | 21.2          |

## 3.05a\_n40-mode\_ch06

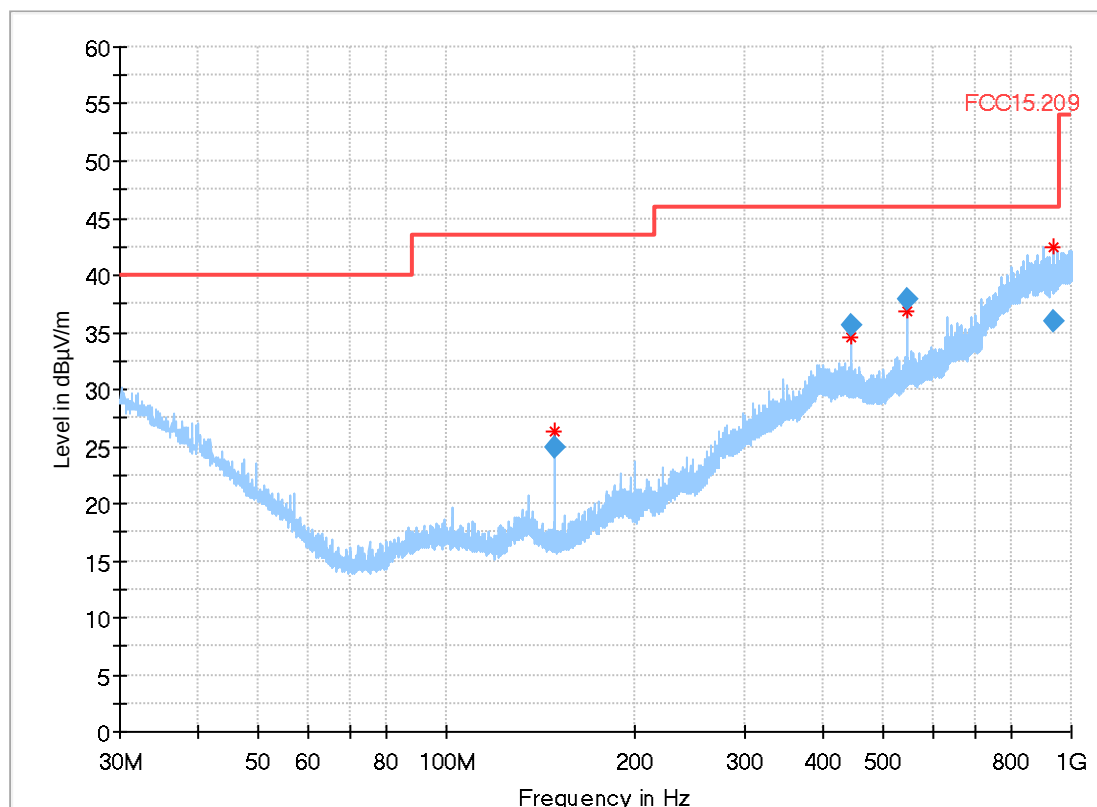
### Common Information

|                            |                                                                     |
|----------------------------|---------------------------------------------------------------------|
| Test description:          | Electric Field Strength Measurement                                 |
| Test site and distance:    | Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance |
| Version of Testsoftware:   | EMC32 V9.25.0                                                       |
| Distance correction:       | not used                                                            |
| Used filter:               | not used                                                            |
| Technical Data:            | please see page 2 for detailed data of measurement setup            |
| Test specification.:       | FCC 15.209; RSS-Gen: Issue 5                                        |
| Operator:                  | HEI                                                                 |
| Operating Mode:            | n40-mode   MCS7   ch06                                              |
| Power during tests:        | 13.5V DC                                                            |
| Environmental Conditions.: | Humidity : 61,9%rH; Temperature: 22,9°C                             |
| EUT:                       | EUT Laying                                                          |
| Verdict:                   | Passed                                                              |

### EUT Information

|               |                                           |
|---------------|-------------------------------------------|
| Manufacturer: | Robert Bosch Car Multimedia GmbH          |
| Model:        | AIVIV10                                   |
| Type:         | Multimedia device with Bluetooth and WLAN |
| HW-Version    | 001                                       |
| SW-Version    | 1049                                      |
| Comment:      | 0005057                                   |
| Power Supply: | 13.5 V DC                                 |

Full Spectrum



**Final\_Result**

| Frequency<br>(MHz) | QuasiPeak<br>(dBμV<br>/m) | Limit<br>(dBμV<br>/m) | Margin<br>(dB) | Bandwidth<br>(kHz) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB) |
|--------------------|---------------------------|-----------------------|----------------|--------------------|----------------|-----|------------------|---------------|
| 148.500000         | 24.99                     | 43.50                 | 18.51          | 120.000            | 207.0          | H   | 89.0             | 8.6           |
| 445.496000         | 35.61                     | 46.00                 | 10.39          | 120.000            | 186.0          | H   | 55.0             | 19.4          |
| 544.496000         | 37.88                     | 46.00                 | 8.12           | 120.000            | 142.0          | H   | 47.0             | 21.2          |
| 933.468000         | 35.94                     | 46.00                 | 10.06          | 120.000            | 105.0          | V   | 331.0            | 26.9          |

## 3.05b\_n40-mode\_ch06

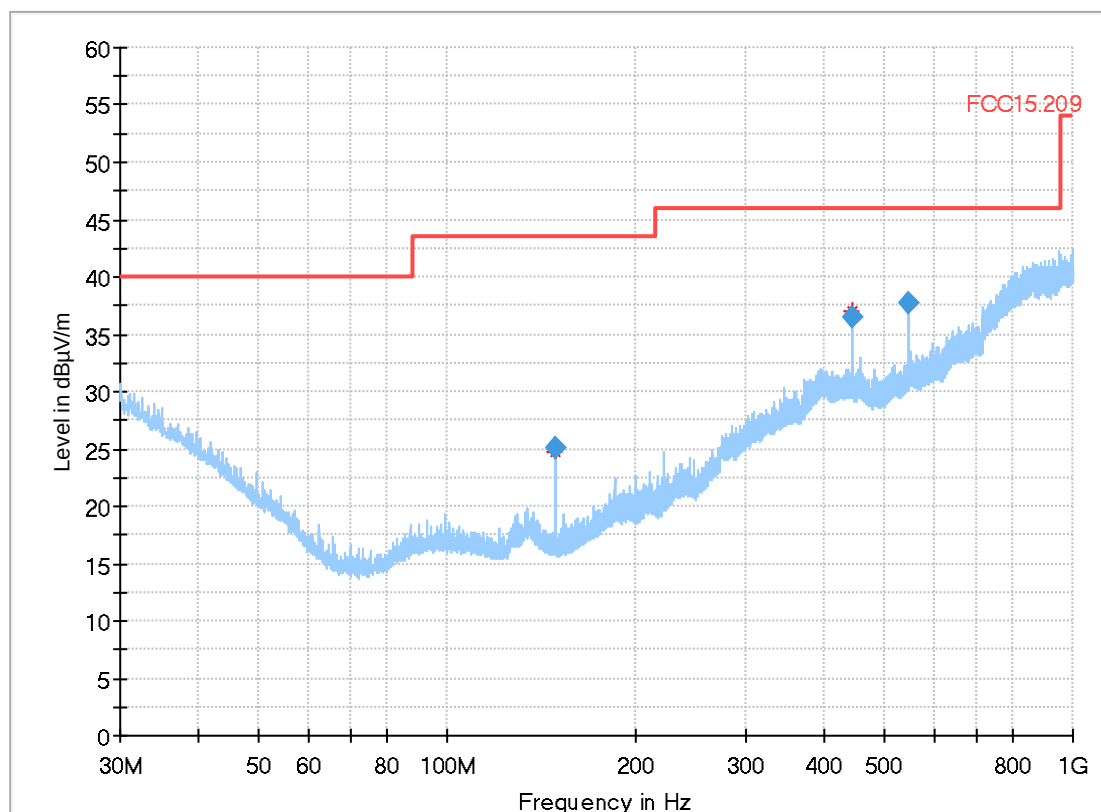
### Common Information

|                            |                                                                     |
|----------------------------|---------------------------------------------------------------------|
| Test description:          | Electric Field Strength Measurement                                 |
| Test site and distance:    | Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance |
| Version of Testsoftware:   | EMC32 V9.25.0                                                       |
| Distance correction:       | not used                                                            |
| Used filter:               | not used                                                            |
| Technical Data:            | please see page 2 for detailed data of measurement setup            |
| Test specification.:       | FCC 15.209; RSS-Gen: Issue 5                                        |
| Operator:                  | HEI                                                                 |
| Operating Mode:            | n40-mode   MCS7   ch06                                              |
| Power during tests:        | 13.5V DC                                                            |
| Environmental Conditions.: | Humidity : 62,0%rH; Temperature: 22,8°C                             |
| EUT:                       | EUT Standing                                                        |
| Verdict:                   | Passed                                                              |

### EUT Information

|               |                                           |
|---------------|-------------------------------------------|
| Manufacturer: | Robert Bosch Car Multimedia GmbH          |
| Model:        | AIVIV10                                   |
| Type:         | Multimedia device with Bluetooth and WLAN |
| HW-Version    | 001                                       |
| SW-Version    | 1049                                      |
| Comment:      | 0005057                                   |
| Power Supply: | 13.5 V DC                                 |

Full Spectrum



**Final\_Result**

| Frequency<br>(MHz) | QuasiPeak<br>(dBμV<br>/m) | Limit<br>(dBμV<br>/m) | Margin<br>(dB) | Bandwidth<br>(kHz) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Cor.<br>(dB) |
|--------------------|---------------------------|-----------------------|----------------|--------------------|----------------|-----|------------------|--------------|
| 148.500000         | 25.05                     | 43.50                 | 18.45          | 120.000            | 105.0          | V   | 280.0            | 8.6          |
| 445.496000         | 36.52                     | 46.00                 | 9.48           | 120.000            | 113.0          | V   | 170.0            | 19.4         |
| 544.496000         | 37.74                     | 46.00                 | 8.26           | 120.000            | 105.0          | V   | 6.0              | 21.2         |

## 3.06a\_n40-mode\_ch09

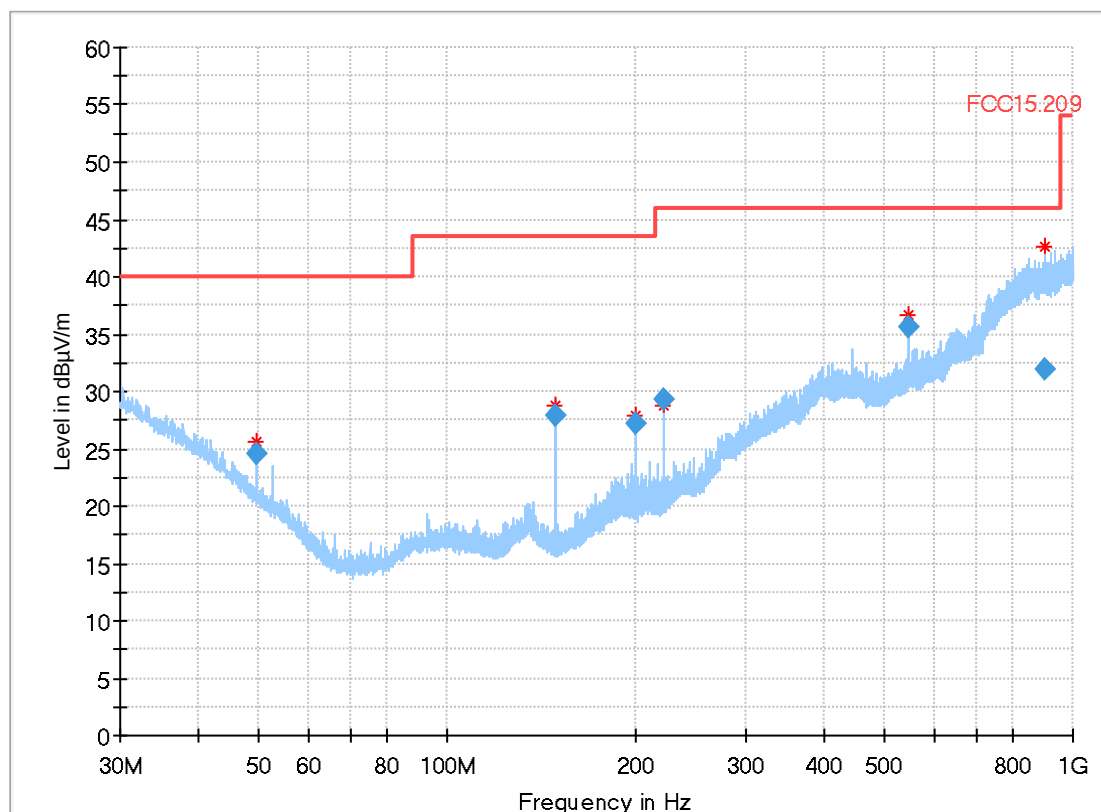
### Common Information

|                            |                                                                     |
|----------------------------|---------------------------------------------------------------------|
| Test description:          | Electric Field Strength Measurement                                 |
| Test site and distance:    | Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance |
| Version of Testsoftware:   | EMC32 V9.25.0                                                       |
| Distance correction:       | not used                                                            |
| Used filter:               | not used                                                            |
| Technical Data:            | please see page 2 for detailed data of measurement setup            |
| Test specification.:       | FCC 15.209; RSS-Gen: Issue 5                                        |
| Operator:                  | HEI                                                                 |
| Operating Mode:            | n40-mode   MCS7   ch09                                              |
| Power during tests:        | 13.5V DC                                                            |
| Environmental Conditions.: | Humidity : 61,0%rH; Temperature: 23,1°C                             |
| EUT:                       | EUT Laying                                                          |
| Verdict:                   | Passed                                                              |

### EUT Information

|               |                                           |
|---------------|-------------------------------------------|
| Manufacturer: | Robert Bosch Car Multimedia GmbH          |
| Model:        | AIVIV10                                   |
| Type:         | Multimedia device with Bluetooth and WLAN |
| HW-Version    | 001                                       |
| SW-Version    | 1049                                      |
| Comment:      | 0005057                                   |
| Power Supply: | 13.5 V DC                                 |

Full Spectrum



**Final\_Result**

| Frequency<br>(MHz) | QuasiPeak<br>(dBμV<br>/m) | Limit<br>(dBμV<br>/m) | Margin<br>(dB) | Bandwidth<br>(kHz) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB) |
|--------------------|---------------------------|-----------------------|----------------|--------------------|----------------|-----|------------------|---------------|
| 49.500000          | 24.48                     | 40.00                 | 15.52          | 120.000            | 109.0          | V   | 354.0            | 13.1          |
| 148.500000         | 27.83                     | 43.50                 | 15.67          | 120.000            | 193.0          | H   | 90.0             | 8.6           |
| 200.000000         | 27.18                     | 43.50                 | 16.32          | 120.000            | 105.0          | V   | 298.0            | 11.3          |
| 221.760000         | 29.25                     | 46.00                 | 16.75          | 120.000            | 105.0          | V   | 0.0              | 12.4          |
| 544.496000         | 35.67                     | 46.00                 | 10.33          | 120.000            | 186.0          | V   | 0.0              | 21.2          |
| 900.924000         | 31.85                     | 46.00                 | 14.15          | 120.000            | 317.0          | H   | 150.0            | 26.8          |

## 3.06b\_n40-mode\_ch09

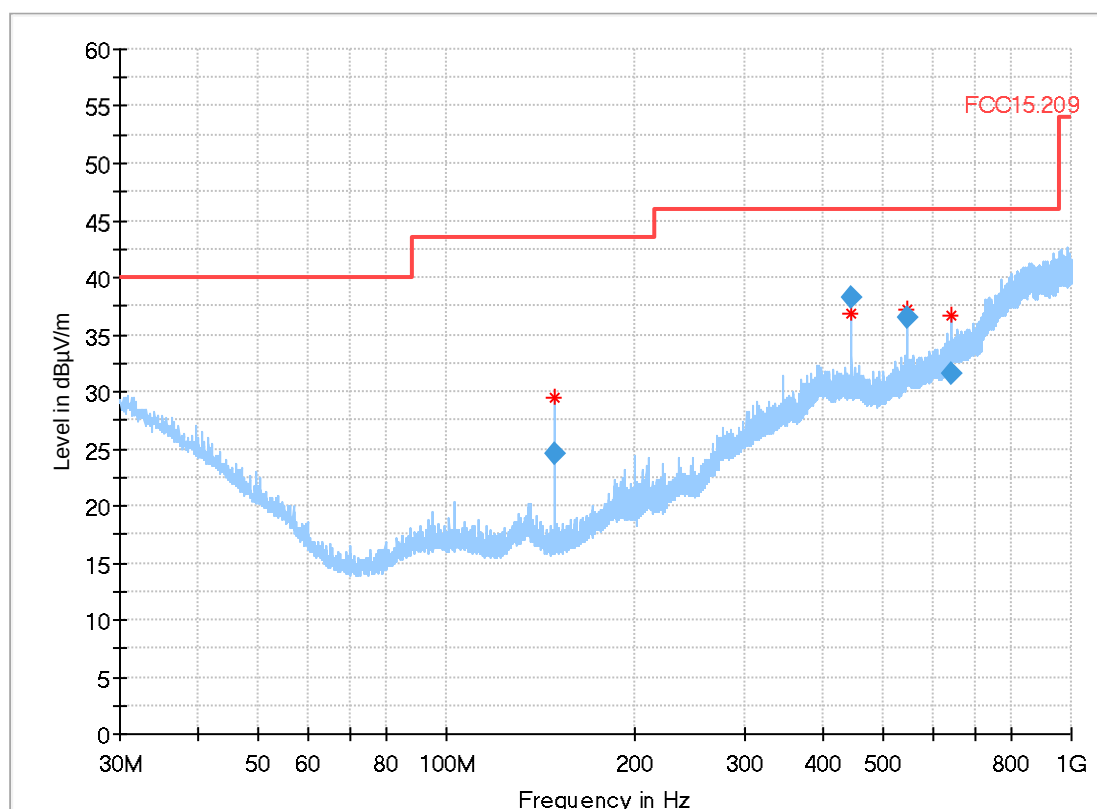
### Common Information

|                            |                                                                     |
|----------------------------|---------------------------------------------------------------------|
| Test description:          | Electric Field Strength Measurement                                 |
| Test site and distance:    | Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance |
| Version of Testsoftware:   | EMC32 V9.25.0                                                       |
| Distance correction:       | not used                                                            |
| Used filter:               | not used                                                            |
| Technical Data:            | please see page 2 for detailed data of measurement setup            |
| Test specification.:       | FCC 15.209; RSS-Gen: Issue 5                                        |
| Operator:                  | HEI                                                                 |
| Operating Mode:            | n40-mode   MCS7   ch09                                              |
| Power during tests:        | 13.5V DC                                                            |
| Environmental Conditions.: | Humidity : 61,6%rH; Temperature: 22,9°C                             |
| EUT:                       | EUT Standing                                                        |
| Verdict:                   | Passed                                                              |

### EUT Information

|               |                                           |
|---------------|-------------------------------------------|
| Manufacturer: | Robert Bosch Car Multimedia GmbH          |
| Model:        | AIVIV10                                   |
| Type:         | Multimedia device with Bluetooth and WLAN |
| HW-Version    | 001                                       |
| SW-Version    | 1049                                      |
| Comment:      | 0005057                                   |
| Power Supply: | 13.5 V DC                                 |

Full Spectrum



### Final\_Result

| Frequency<br>(MHz) | QuasiPeak<br>(dBµV<br>/m) | Limit<br>(dBµV<br>/m) | Margin<br>(dB) | Bandwidth<br>(kHz) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB) |
|--------------------|---------------------------|-----------------------|----------------|--------------------|----------------|-----|------------------|---------------|
| 148.500000         | 24.49                     | 43.50                 | 19.01          | 120.000            | 145.0          | H   | 97.0             | 8.6           |
| 445.496000         | 38.24                     | 46.00                 | 7.76           | 120.000            | 109.0          | V   | 170.0            | 19.4          |
| 544.496000         | 36.42                     | 46.00                 | 9.58           | 120.000            | 218.0          | V   | 158.0            | 21.2          |
| 643.496000         | 31.65                     | 46.00                 | 14.35          | 120.000            | 185.0          | V   | 101.0            | 23.2          |

## 2.3. Radiated electric field measurement 1 GHz to 18 GHz

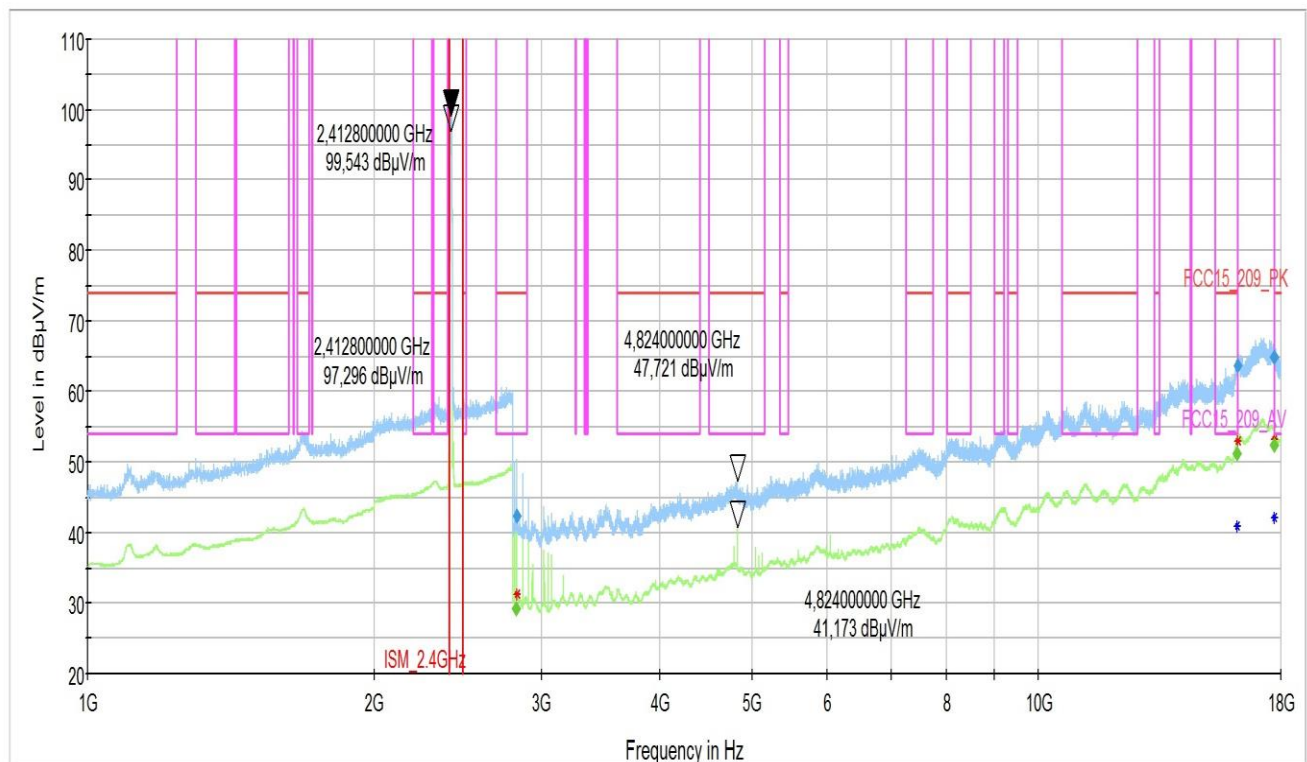
### 4.01a\_b-mode\_ch01

#### Common Information

|                       |                                                            |
|-----------------------|------------------------------------------------------------|
| Test Description:     | Radiated Field Strength Emissions Emissions in 3m distance |
| Test Site:            | CETECOM GmbH Essen                                         |
| Test Standard:        | FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5  |
| Antenna polarisation: | horizontal/vertical                                        |
| Operating Mode:       | WLAN TX, continuous b-mode, ch01, 1Mbit/s                  |
| Operator:             | npe                                                        |
| EUT Setup:            | 1                                                          |
| Verdict:              | Passed                                                     |

#### EUT Information

|               |                                           |
|---------------|-------------------------------------------|
| Manufacturer: | Robert Bosch Car Multimedia GmbH          |
| Model:        | AIVIV10                                   |
| Type:         | Multimedia device with Bluetooth and WLAN |
| HW-Version    | 001                                       |
| SW-Version    | 1049                                      |
| Comment:      | 0005057                                   |
| Power Supply: | 13.5 V DC                                 |



#### Final\_Result

| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Pol | Azimuth (deg) | Elevation (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-----------------|-----------------|-----|---------------|-----------------|--------------|
| 2825.810000     | ---              | 54.00          | 24.64       | 100.0           | 1000.000        | V   | 240.0         | 90.0            | 1            |
| 2826.730000     | 42.37            | 74.00          | 31.63       | 100.0           | 1000.000        | V   | 269.0         | 90.0            | 1            |
| 16197.850000    | ---              | 54.00          | 2.79        | 100.0           | 1000.000        | H   | 184.0         | 90.0            | 28           |
| 16205.850000    | 63.73            | 150.00         | 86.27       | 100.0           | 1000.000        | V   | 70.0          | 0.0             | 28           |
| 17696.930000    | 64.81            | 150.00         | 85.19       | 100.0           | 1000.000        | V   | 71.0          | 0.0             | 29           |
| 17707.490000    | ---              | 54.00          | 1.51        | 100.0           | 1000.000        | H   | 261.0         | 0.0             | 29           |

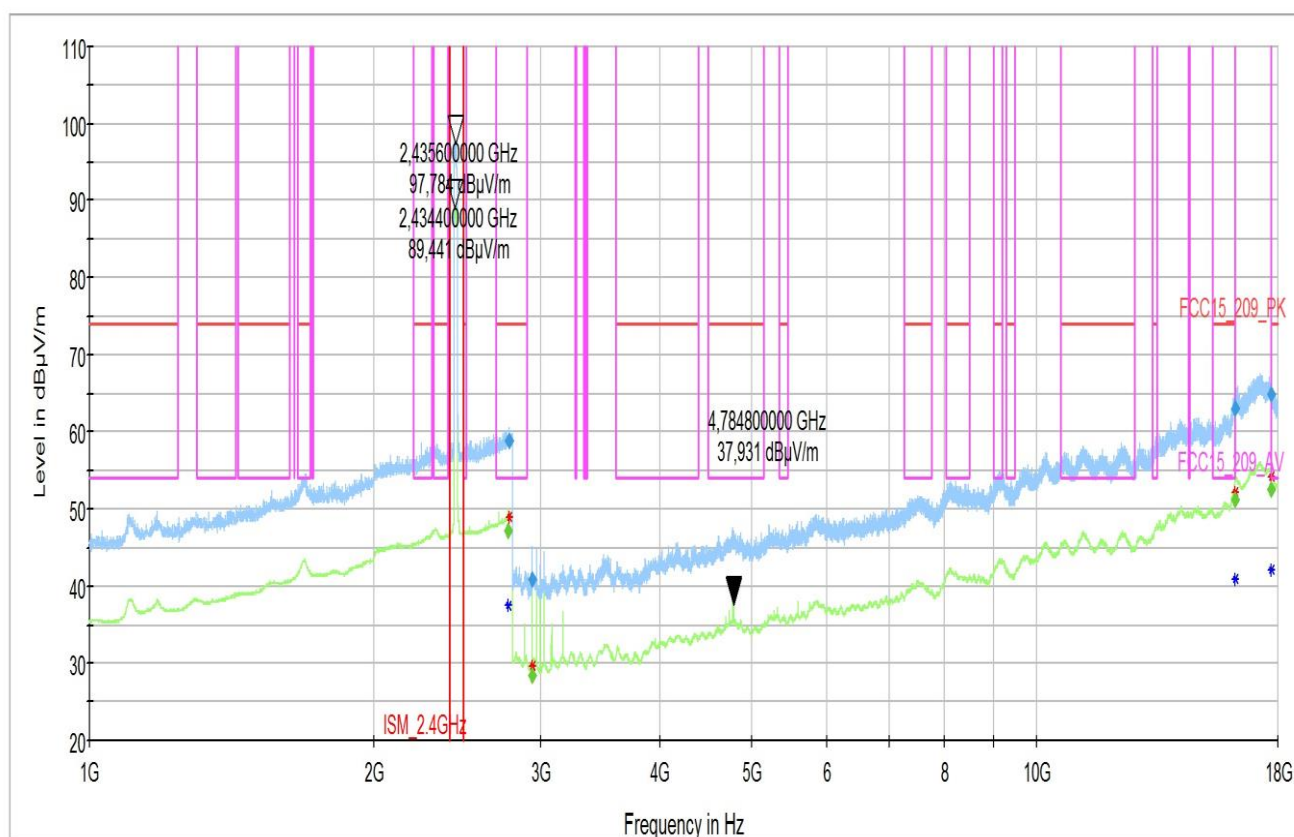
## 4.02a\_g-mode\_ch06

### Common Information

|                       |                                                            |
|-----------------------|------------------------------------------------------------|
| Test Description:     | Radiated Field Strength Emissions Emissions in 3m distance |
| Test Site:            | CETECOM GmbH Essen                                         |
| Test Standard:        | FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5  |
| Antenna polarisation: | horizontal/vertical                                        |
| Operating Mode:       | WLAN TX, continuous g-mode, ch06, 12Mbit/s                 |
| Operator:             | TFra                                                       |
| Verdict:              | Passed                                                     |

### EUT Information

|               |                                           |
|---------------|-------------------------------------------|
| Manufacturer: | Robert Bosch Car Multimedia GmbH          |
| Model:        | AIVIV10                                   |
| Type:         | Multimedia device with Bluetooth and WLAN |
| HW-Version    | 001                                       |
| SW-Version    | 1049                                      |
| Comment:      | 0005057                                   |
| Power Supply: | 13.5 V DC                                 |



### Final Result

| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Pol | Azimuth (deg) | Elevation (deg) | Corr. (dB) |
|-----------------|------------------|----------------|-------------|-----------------|-----------------|-----|---------------|-----------------|------------|
| 2768.570000     | ---              | 54.00          | 6.76        | 100.0           | 1000.000        | V   | 7.0           | 0.0             | 38.7       |
| 2774.050000     | 58.83            | 74.00          | 15.17       | 100.0           | 1000.000        | V   | 0.0           | 90.0            | 38.7       |
| 2938.210000     | ---              | 150.00         | 121.51      | 100.0           | 1000.000        | H   | 180.0         | 90.0            | 1.0        |
| 2939.050000     | 40.84            | 150.00         | 109.16      | 100.0           | 1000.000        | H   | 142.0         | 90.0            | 1.0        |
| 16198.170000    | ---              | 54.00          | 2.72        | 100.0           | 1000.000        | H   | 246.0         | 0.0             | 27.7       |
| 16199.650000    | 63.07            | 74.00          | 10.93       | 100.0           | 1000.000        | H   | 209.0         | 0.0             | 27.7       |
| 17705.010000    | ---              | 54.00          | 1.46        | 100.0           | 1000.000        | H   | 249.0         | 0.0             | 28.7       |
| 17706.010000    | 64.86            | 74.00          | 9.14        | 100.0           | 1000.000        | V   | 5.0           | 0.0             | 28.7       |

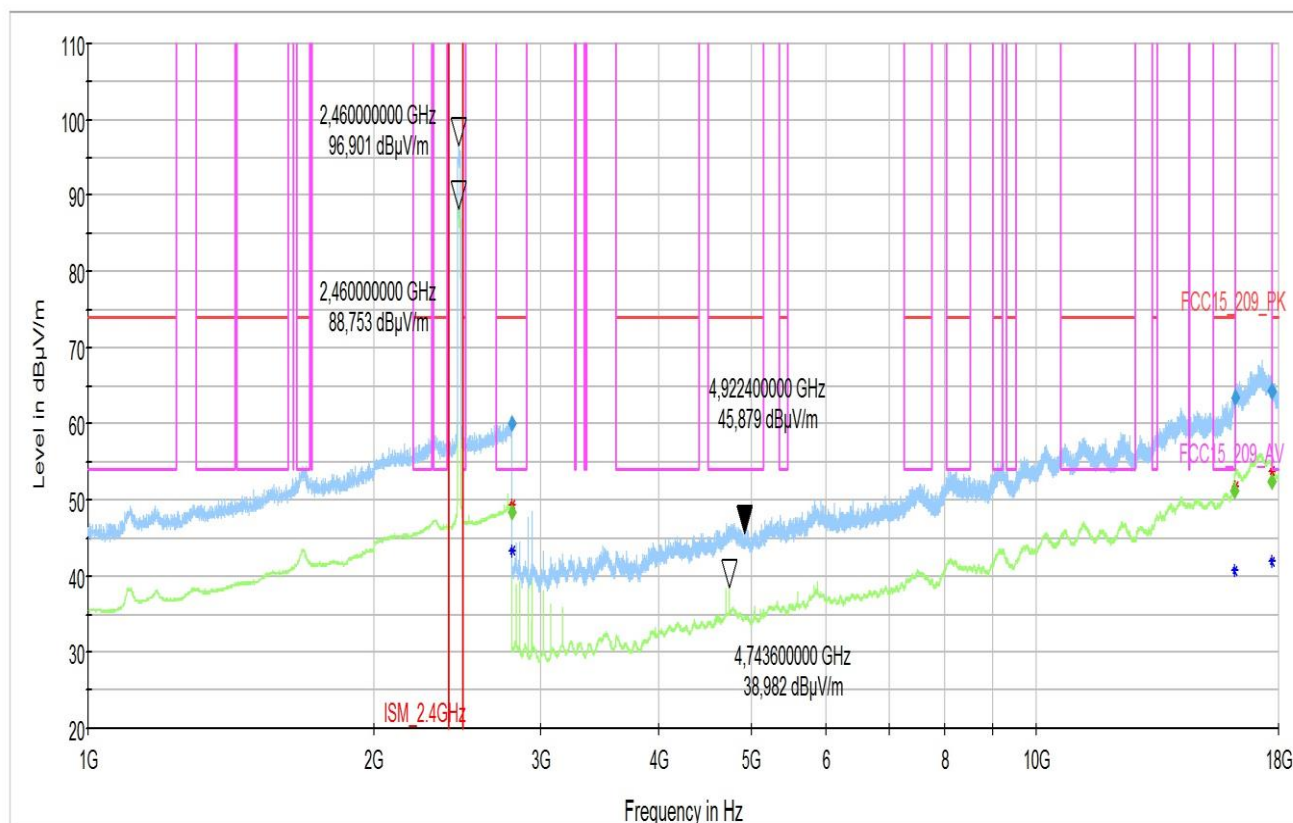
## 4.03a\_n-mode\_ch11

### Common Information

|                       |                                                            |
|-----------------------|------------------------------------------------------------|
| Test Description:     | Radiated Field Strength Emissions Emissions in 3m distance |
| Test Site:            | CETECOM GmbH Essen                                         |
| Test Standard:        | FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5  |
| Antenna polarisation: | horizontal/vertical                                        |
| Operating Mode:       | WLAN TX, continuous n-mode, ch011, MCS0                    |
| Operator:             | TFra                                                       |
| Comment:              | Channel no. low                                            |
| Verdict:              | Passed                                                     |

### EUT Information

|               |                                           |
|---------------|-------------------------------------------|
| Manufacturer: | Robert Bosch Car Multimedia GmbH          |
| Model:        | AIVIV10                                   |
| Type:         | Multimedia device with Bluetooth and WLAN |
| HW-Version    | 001                                       |
| SW-Version    | 1049                                      |
| Comment:      | 0005057                                   |
| Power Supply: | 13.5 V DC                                 |



### Final\_Result

| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Pol | Azimuth (deg) | Elevation (deg) | Corr. (dB) |
|-----------------|------------------|----------------|-------------|-----------------|-----------------|-----|---------------|-----------------|------------|
| 2799.170000     | ---              | 54.00          | 5.56        | 100.0           | 1000.000        | H   | 240.0         | 0.0             | 38.9       |
| 2799.210000     | 60.16            | 74.00          | 13.84       | 100.0           | 1000.000        | V   | 0.0           | 0.0             | 38.9       |
| 16188.210000    | ---              | 54.00          | 2.88        | 100.0           | 1000.000        | H   | 66.0          | 90.0            | 27.6       |
| 16193.690000    | 63.43            | 74.00          | 10.57       | 100.0           | 1000.000        | V   | 323.0         | 90.0            | 27.7       |
| 17711.130000    | ---              | 54.00          | 1.53        | 100.0           | 1000.000        | V   | 273.0         | 0.0             | 28.7       |
| 17718.090000    | 64.38            | 74.00          | 9.62        | 100.0           | 1000.000        | H   | 335.0         | 90.0            | 28.7       |

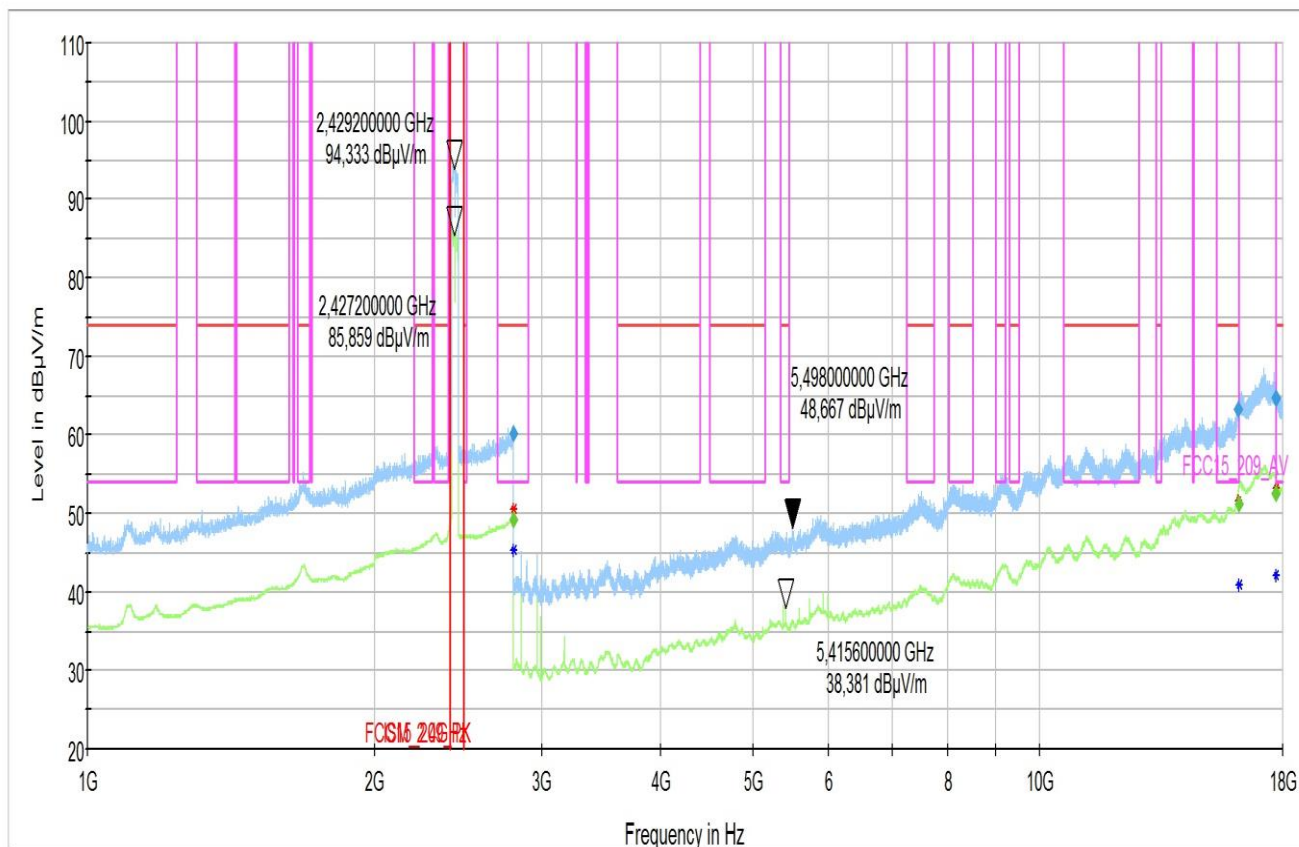
## 4.04a\_n40-mode\_ch03

### Common Information

|                       |                                                            |
|-----------------------|------------------------------------------------------------|
| Test Description:     | Radiated Field Strength Emissions Emissions in 3m distance |
| Test Site:            | CETECOM GmbH Essen                                         |
| Test Standard:        | FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5  |
| Antenna polarisation: | horizontal/vertical                                        |
| Operating Mode:       | WLAN TX, continuous n-mode, BW40, ch03, MCS7               |
| Operator:             | TFra                                                       |
| Verdict:              | Passed                                                     |

### EUT Information

|               |                                           |
|---------------|-------------------------------------------|
| Manufacturer: | Robert Bosch Car Multimedia GmbH          |
| Model:        | AIVIV10                                   |
| Type:         | Multimedia device with Bluetooth and WLAN |
| HW-Version    | 001                                       |
| SW-Version    | 1049                                      |
| Comment:      | 0005057                                   |
| Power Supply: | 13.5 V DC                                 |



### Final Result

| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Pol | Azimuth (deg) | Elevation (deg) | Corr. (dB) |
|-----------------|------------------|----------------|-------------|-----------------|-----------------|-----|---------------|-----------------|------------|
| 2799.170000     | ---              | 54.00          | 4.90        | 100.0           | 1000.000        | V   | 179.0         | 90.0            | 38.9       |
| 2799.210000     | 60.31            | 74.00          | 13.69       | 100.0           | 1000.000        | V   | 40.0          | 0.0             | 38.9       |
| 16177.930000    | 63.31            | 74.00          | 10.69       | 100.0           | 1000.000        | H   | 4.0           | 0.0             | 27.5       |
| 16194.930000    | ---              | 54.00          | 2.78        | 100.0           | 1000.000        | H   | -35.0         | 90.0            | 27.7       |
| 17702.930000    | 64.65            | 74.00          | 9.35        | 100.0           | 1000.000        | H   | 23.0          | 90.0            | 28.7       |
| 17704.290000    | ---              | 54.00          | 1.45        | 100.0           | 1000.000        | H   | 8.0           | 90.0            | 28.7       |

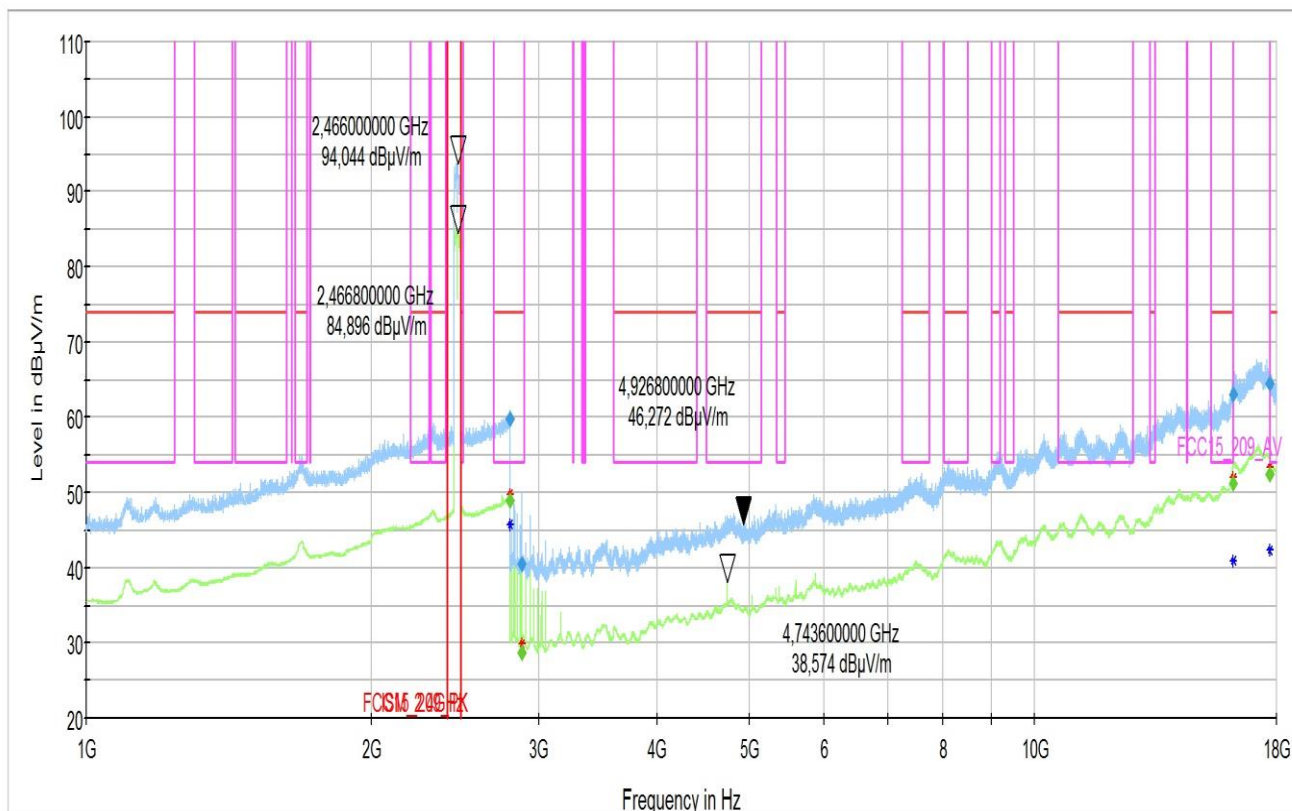
## 4.05a\_n40-mode\_ch09

### Common Information

Test Description: Radiated Field Strength Emissions Emissions in 3m distance  
 Test Site: CETECOM GmbH Essen  
 Test Standard: FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5  
 Antenna polarisation: horizontal/vertical  
 Operating Mode: WLAN TX, continuous n-mode, BW40, ch09, MCS7  
 Operator: TFra  
 Verdict: Passed

### EUT Information

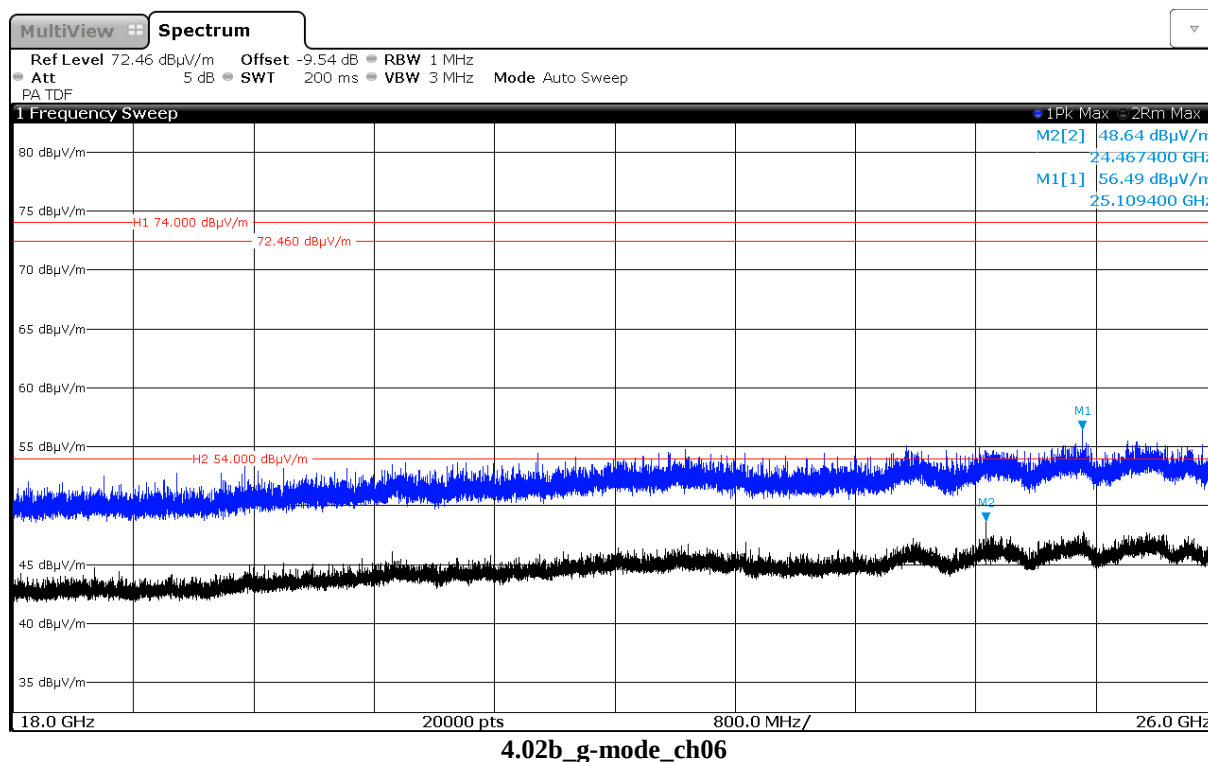
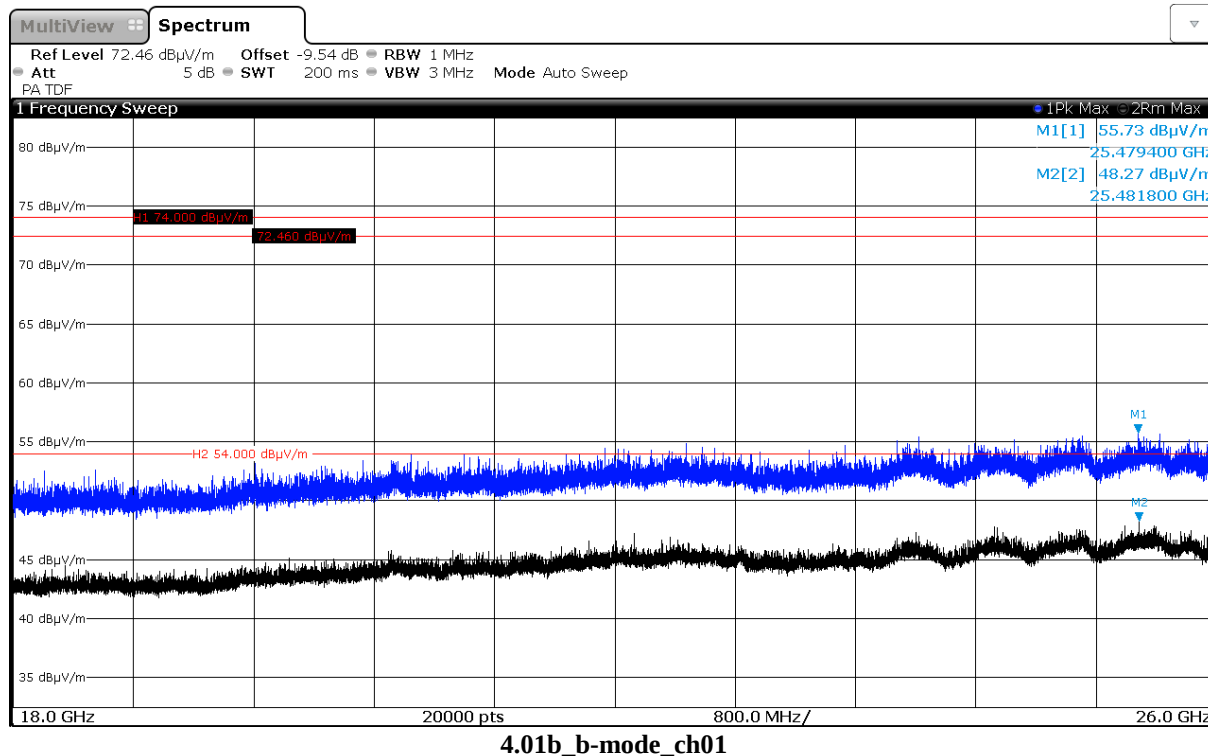
Manufacturer: Robert Bosch Car Multimedia GmbH  
 Model: AIVIV10  
 Type: Multimedia device with Bluetooth and WLAN  
 HW-Version: 001  
 SW-Version: 1049  
 Comment: 0005057  
 Power Supply: 13.5 V DC

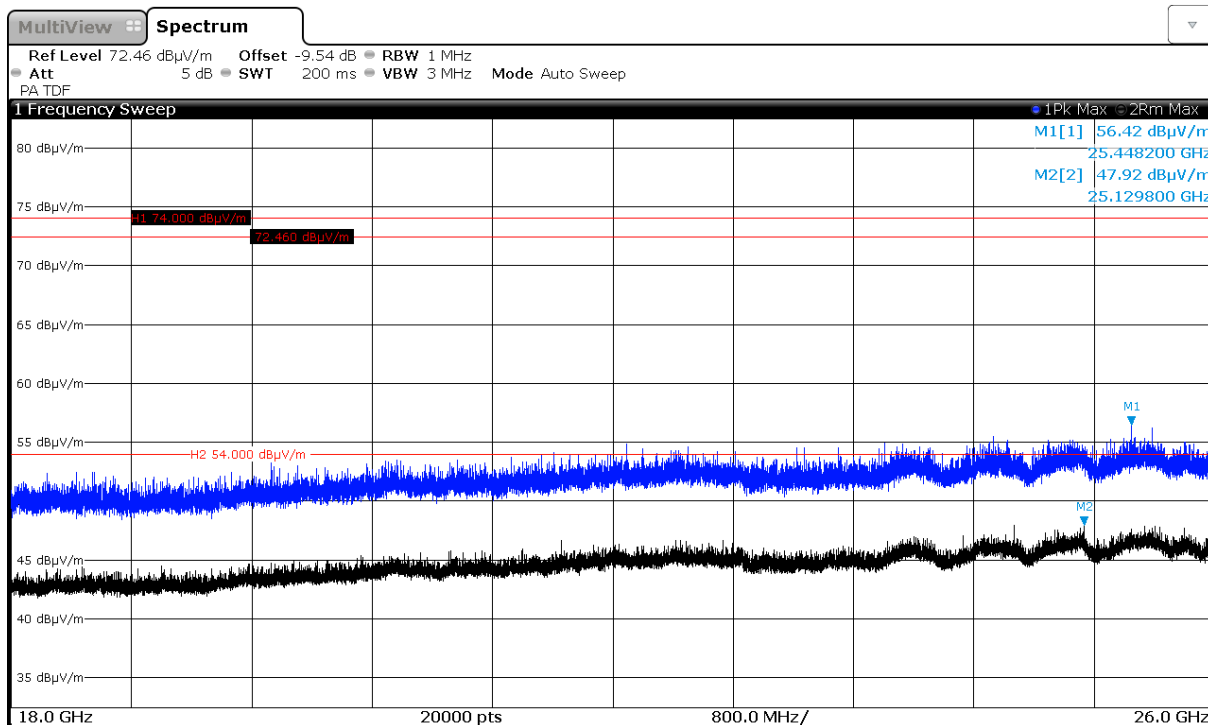


### Final Result

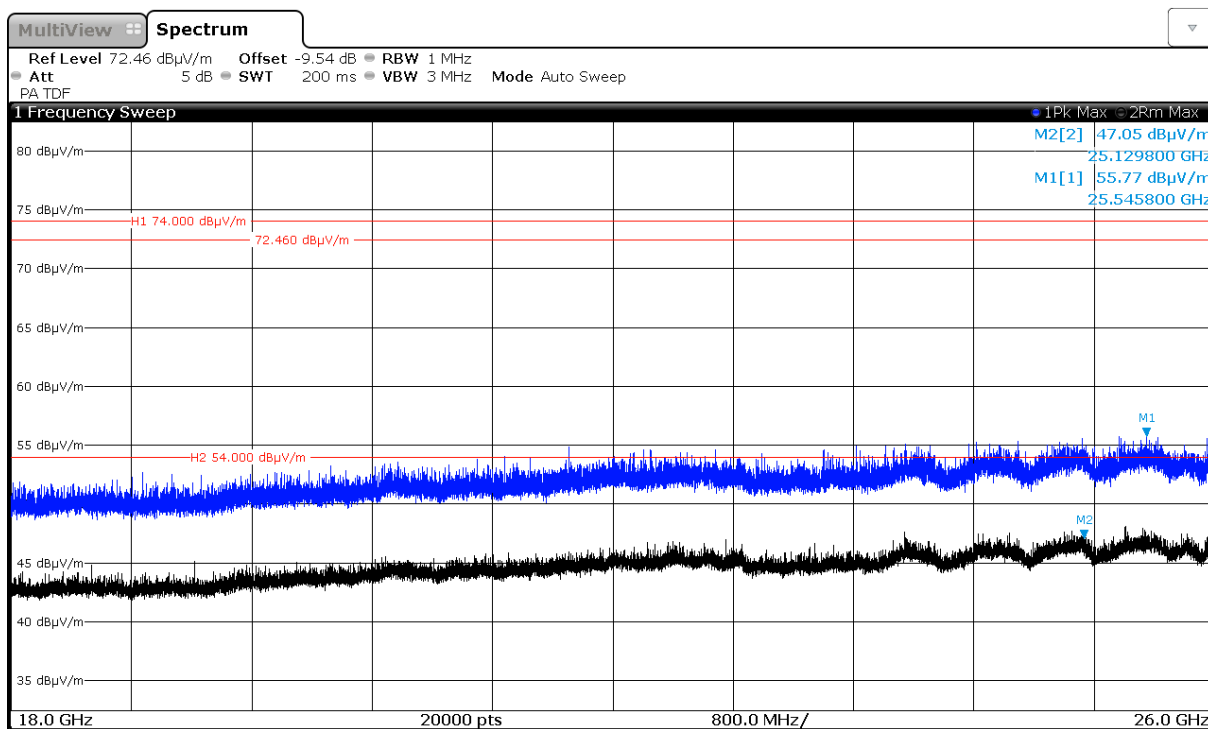
| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Pol | Azimuth (deg) | Elevation (deg) | Corr. (dB) |
|-----------------|------------------|----------------|-------------|-----------------|-----------------|-----|---------------|-----------------|------------|
| 2795.610000     | 59.95            | 74.00          | 14.05       | 100.0           | 1000.000        | H   | 94.0          | 0.0             | 38.9       |
| 2799.170000     | ---              | 54.00          | 4.91        | 100.0           | 1000.000        | V   | 187.0         | 90.0            | 38.9       |
| 2881.290000     | ---              | 54.00          | 25.43       | 100.0           | 1000.000        | H   | 194.0         | 0.0             | 0.9        |
| 2881.490000     | 40.48            | 74.00          | 33.52       | 100.0           | 1000.000        | H   | 166.0         | 0.0             | 0.9        |
| 16190.490000    | 62.99            | 74.00          | 11.01       | 100.0           | 1000.000        | V   | 41.0          | 0.0             | 27.6       |
| 16195.130000    | ---              | 54.00          | 2.76        | 100.0           | 1000.000        | V   | 293.0         | 0.0             | 27.7       |
| 17705.610000    | 64.52            | 74.00          | 9.48        | 100.0           | 1000.000        | V   | 7.0           | 90.0            | 28.7       |
| 17707.530000    | ---              | 54.00          | 1.51        | 100.0           | 1000.000        | V   | 270.0         | 90.0            | 28.7       |

## 2.4. Radiated electric field measurement 18 GHz to 26.5 GHz

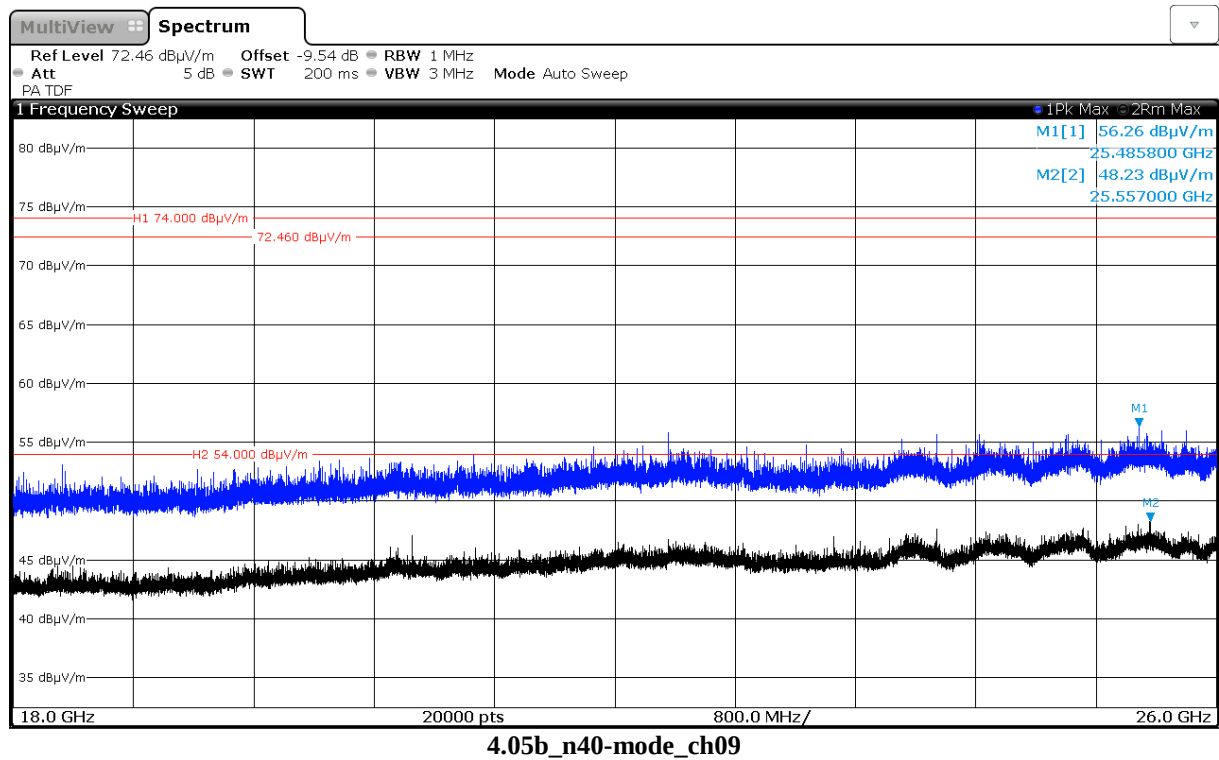




4.03b\_n-mode\_ch11



4.04b\_n40-mode\_ch03



## 2.5. Low Band edge compliance

### 9.01a\_b-mode\_ch01

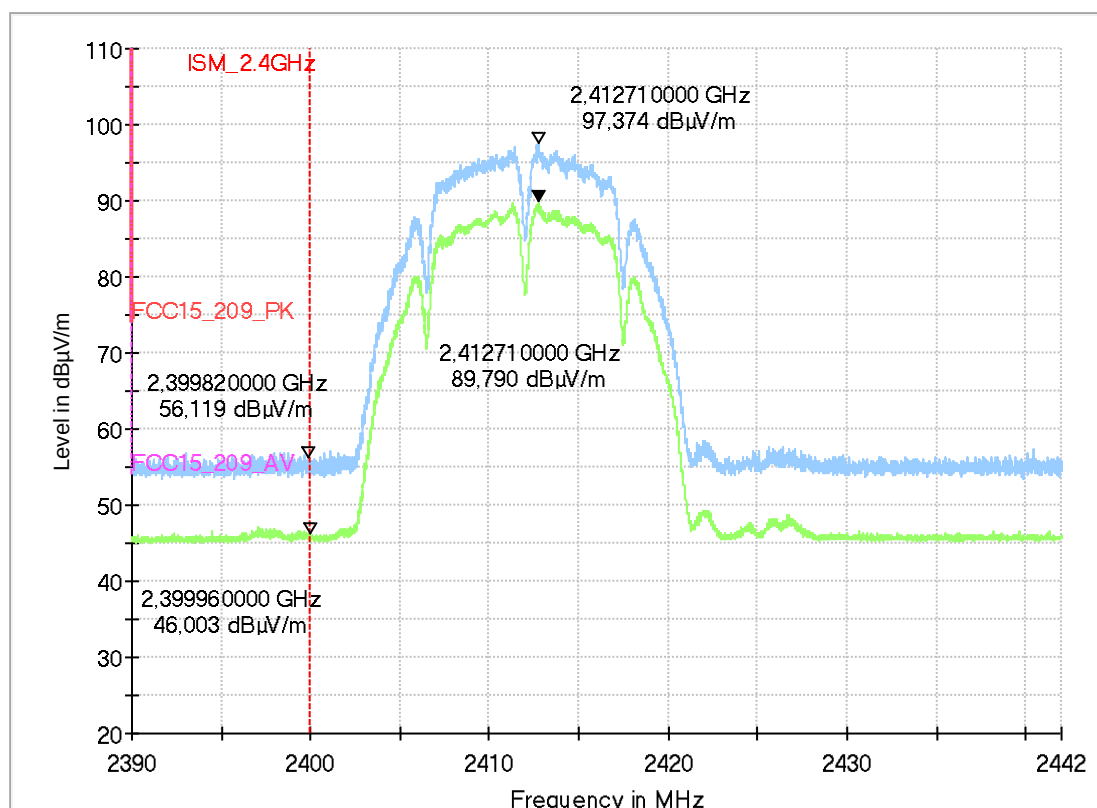
#### Common Information

|                       |                                                                       |
|-----------------------|-----------------------------------------------------------------------|
| Test Description:     | Band-Edge: Radiated Field Strength Emissions Emissions in 3m distance |
| Test Site:            | CETECOM GmbH Essen                                                    |
| Test Standard:        | FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5             |
| Antenna polarisation: | horizontal/vertical                                                   |
| Operating Mode:       | WLAN TX, continuous b-mode, ch01, 2Mbit/s                             |
| Operator:             | TFra                                                                  |
| Verdict:              | Passed                                                                |

#### EUT Information

|               |                                           |
|---------------|-------------------------------------------|
| Manufacturer: | Robert Bosch Car Multimedia GmbH          |
| Model:        | AIVIV10                                   |
| Type:         | Multimedia device with Bluetooth and WLAN |
| HW-Version    | 001                                       |
| SW-Version    | 1049                                      |
| Comment:      | 0005057                                   |
| Power Supply: | 13.5 V DC                                 |

Full Spectrum



## 9.02a\_g-mode\_ch01

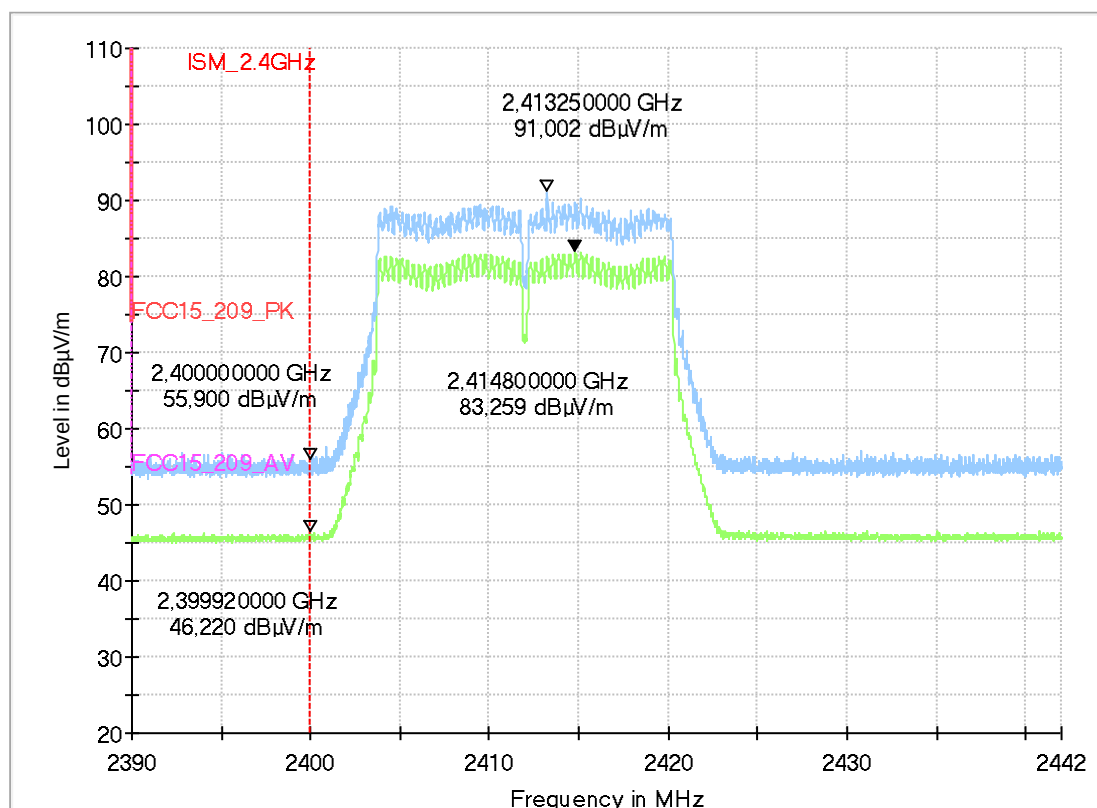
### Common Information

|                       |                                                                       |
|-----------------------|-----------------------------------------------------------------------|
| Test Description:     | Band-Edge: Radiated Field Strength Emissions Emissions in 3m distance |
| Test Site:            | CETECOM GmbH Essen                                                    |
| Test Standard:        | FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5             |
| Antenna polarisation: | horizontal/vertical                                                   |
| Operating Mode:       | WLAN TX, continuous g-mode, ch01, 12Mbit/s                            |
| Operator:             | TFra                                                                  |
| Verdict:              | Passed                                                                |

### EUT Information

|               |                                           |
|---------------|-------------------------------------------|
| Manufacturer: | Robert Bosch Car Multimedia GmbH          |
| Model:        | AIVIV10                                   |
| Type:         | Multimedia device with Bluetooth and WLAN |
| HW-Version    | 001                                       |
| SW-Version    | 1049                                      |
| Comment:      | 0005057                                   |
| Power Supply: | 13.5 V DC                                 |

Full Spectrum



## 9.03a\_n-mode\_ch01

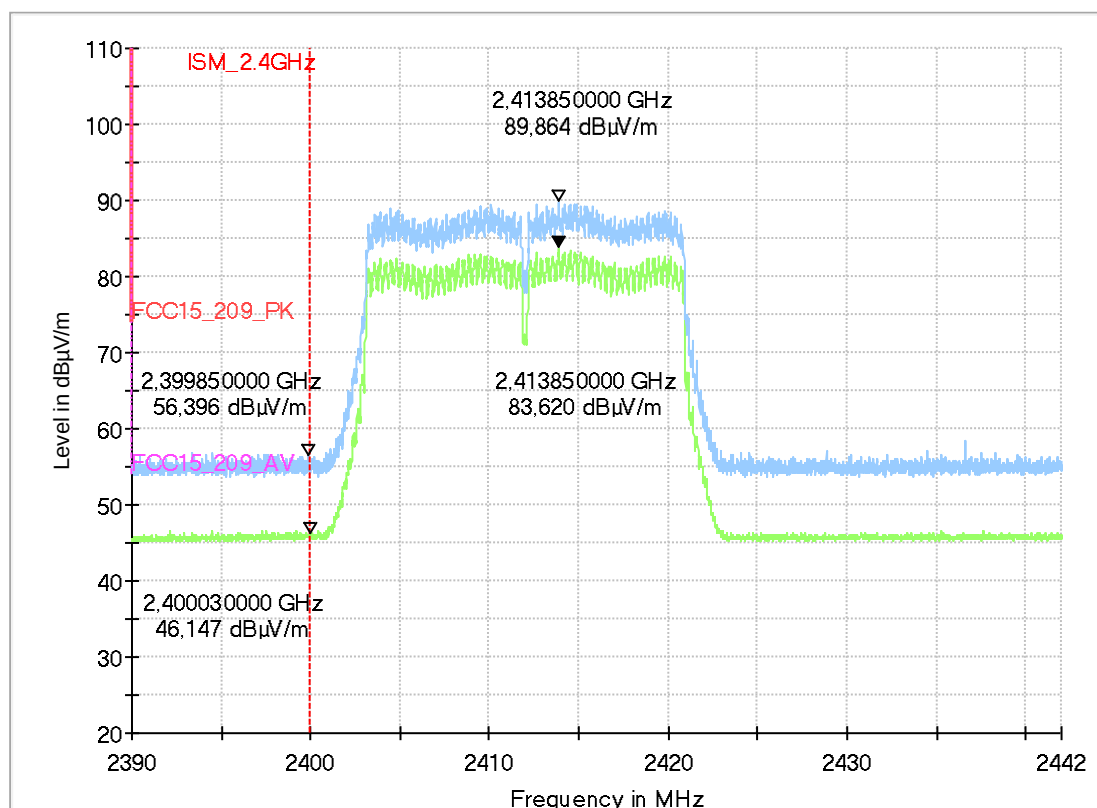
### Common Information

|                       |                                                                       |
|-----------------------|-----------------------------------------------------------------------|
| Test Description:     | Band-Edge: Radiated Field Strength Emissions Emissions in 3m distance |
| Test Site:            | CETECOM GmbH Essen                                                    |
| Test Standard:        | FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5             |
| Antenna polarisation: | horizontal/vertical                                                   |
| Operating Mode:       | WLAN TX, continuous n-mode, ch01, MCS0                                |
| Operator:             | TFra                                                                  |
| Verdict:              | Passed                                                                |

### EUT Information

|               |                                           |
|---------------|-------------------------------------------|
| Manufacturer: | Robert Bosch Car Multimedia GmbH          |
| Model:        | AIVIV10                                   |
| Type:         | Multimedia device with Bluetooth and WLAN |
| HW-Version    | 001                                       |
| SW-Version    | 1049                                      |
| Comment:      | 0005057                                   |
| Power Supply: | 13.5 V DC                                 |

Full Spectrum



## 9.04a\_n40-mode\_ch03

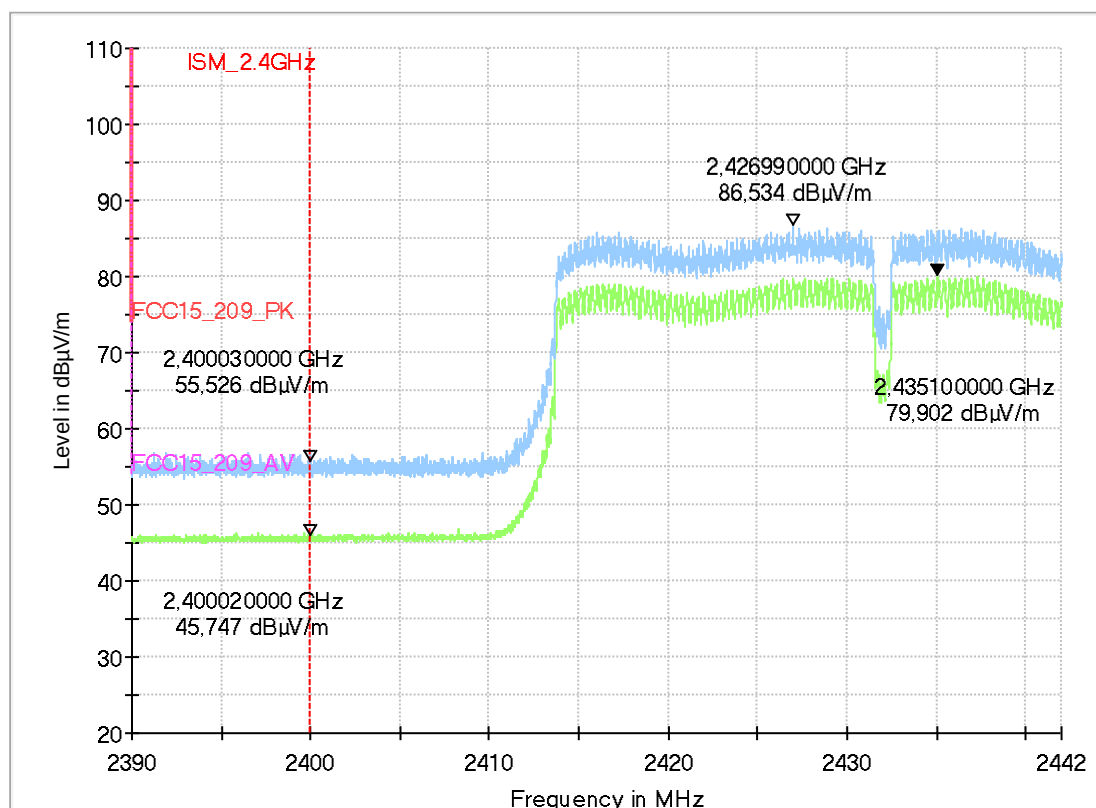
### Common Information

|                       |                                                                       |
|-----------------------|-----------------------------------------------------------------------|
| Test Description:     | Band-Edge: Radiated Field Strength Emissions Emissions in 3m distance |
| Test Site:            | CETECOM GmbH Essen                                                    |
| Test Standard:        | FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5             |
| Antenna polarisation: | horizontal/vertical                                                   |
| Operating Mode:       | WLAN TX, continuous n-mode, BW40, ch03, MCS0                          |
| Operator:             | TFra                                                                  |
| Verdict:              | Passed                                                                |

### EUT Information

|               |                                           |
|---------------|-------------------------------------------|
| Manufacturer: | Robert Bosch Car Multimedia GmbH          |
| Model:        | AIVIV10                                   |
| Type:         | Multimedia device with Bluetooth and WLAN |
| HW-Version    | 001                                       |
| SW-Version    | 1049                                      |
| Comment:      | 0005057                                   |
| Power Supply: | 13.5 V DC                                 |

Full Spectrum



## 2.6. High Band edge compliance

### 9.01b\_b-mode\_ch11

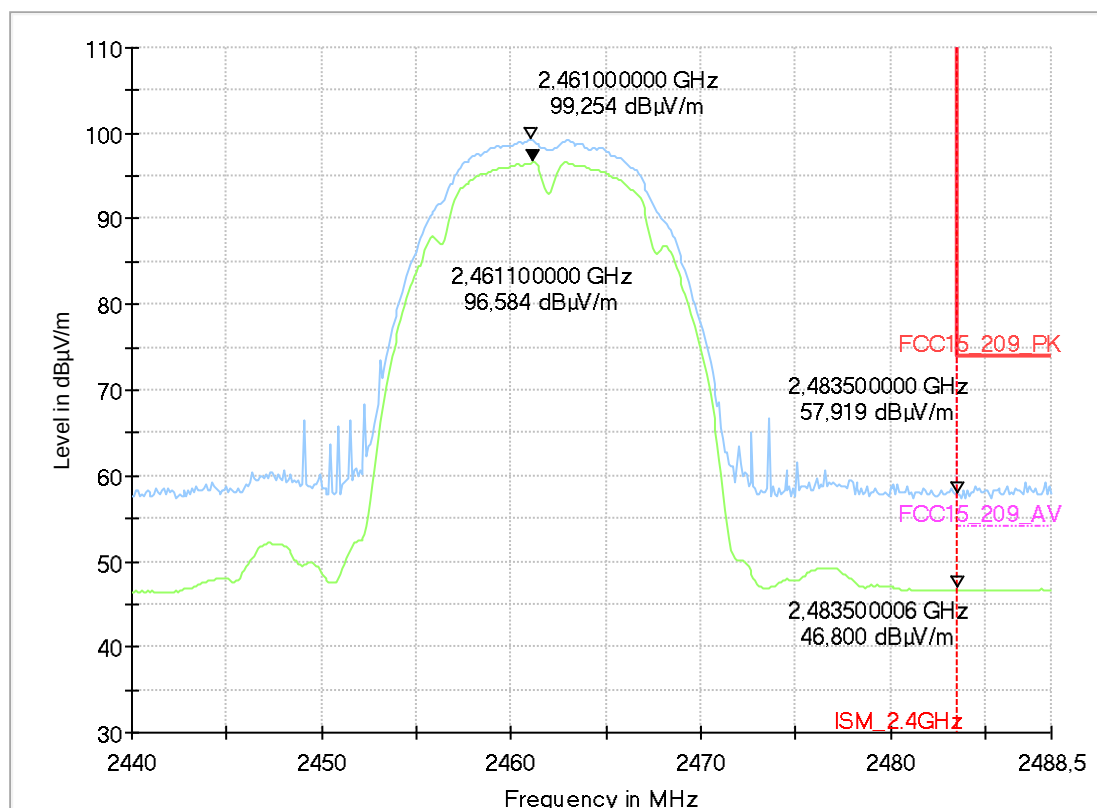
#### Common Information

|                       |                                                                       |
|-----------------------|-----------------------------------------------------------------------|
| Test Description:     | Band-Edge: Radiated Field Strength Emissions Emissions in 3m distance |
| Test Site:            | CETECOM GmbH Essen                                                    |
| Test Standard:        | FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5             |
| Antenna polarisation: | horizontal/vertical                                                   |
| Operating Mode:       | WLAN TX, continuous b-mode, ch11, 2Mbit/s                             |
| Operator:             | TFra                                                                  |
| Verdict:              | Passed                                                                |

#### EUT Information

|               |                                           |
|---------------|-------------------------------------------|
| Manufacturer: | Robert Bosch Car Multimedia GmbH          |
| Model:        | AIVIV10                                   |
| Type:         | Multimedia device with Bluetooth and WLAN |
| HW-Version    | 001                                       |
| SW-Version    | 1049                                      |
| Comment:      | 0005057                                   |
| Power Supply: | 13.5 V DC                                 |

Full Spectrum



## 9.02b\_g-mode\_ch11

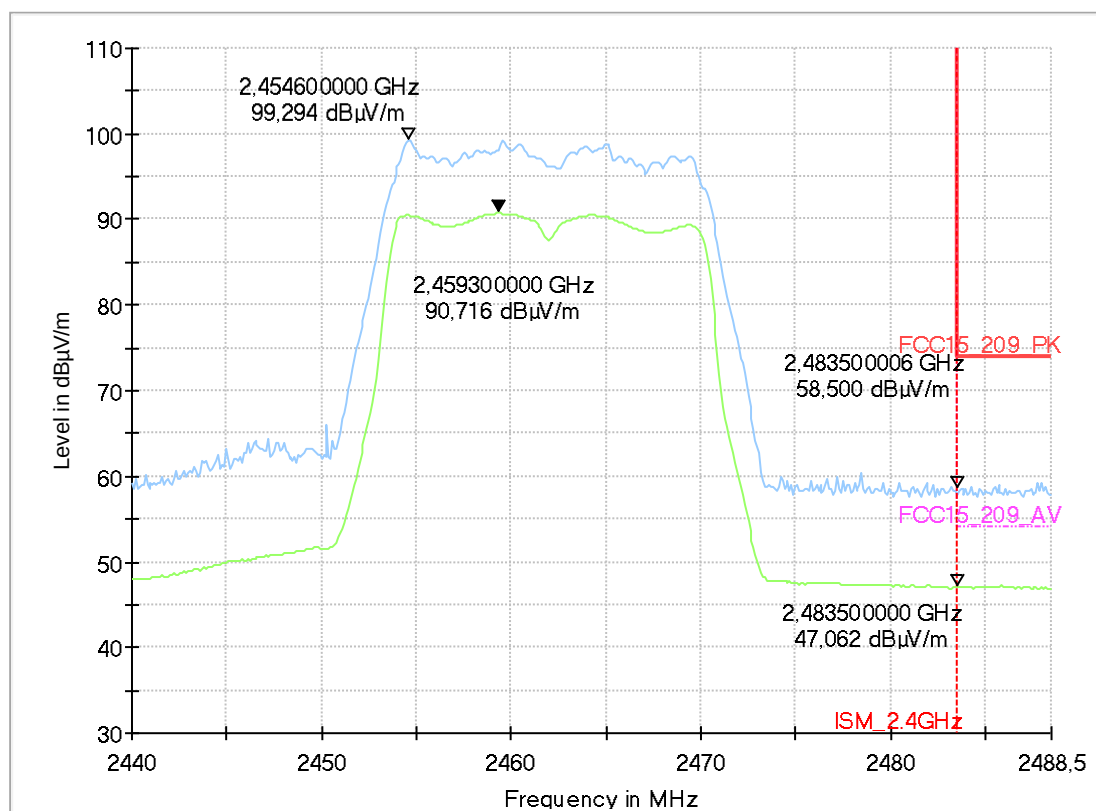
### Common Information

|                       |                                                                       |
|-----------------------|-----------------------------------------------------------------------|
| Test Description:     | Band-Edge: Radiated Field Strength Emissions Emissions in 3m distance |
| Test Site:            | CETECOM GmbH Essen                                                    |
| Test Standard:        | FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5             |
| Antenna polarisation: | horizontal/vertical                                                   |
| Operating Mode:       | WLAN TX, continuous g-mode, ch11, 12Mbit/s                            |
| Operator:             | TFra                                                                  |
| Verdict:              | Passed                                                                |

### EUT Information

|               |                                           |
|---------------|-------------------------------------------|
| Manufacturer: | Robert Bosch Car Multimedia GmbH          |
| Model:        | AIVIV10                                   |
| Type:         | Multimedia device with Bluetooth and WLAN |
| HW-Version    | 001                                       |
| SW-Version    | 1049                                      |
| Comment:      | 0005057                                   |
| Power Supply: | 13.5 V DC                                 |

Full Spectrum



## 9.03b\_n-mode\_ch11

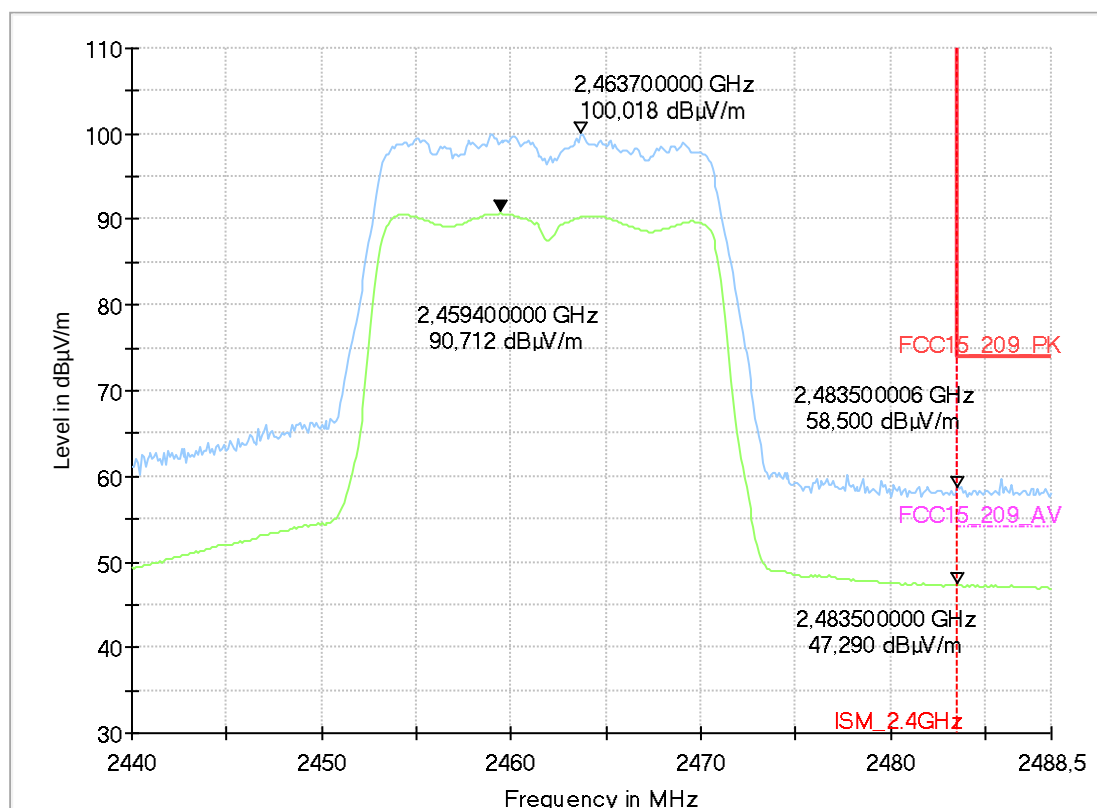
### Common Information

|                       |                                                                       |
|-----------------------|-----------------------------------------------------------------------|
| Test Description:     | Band-Edge: Radiated Field Strength Emissions Emissions in 3m distance |
| Test Site:            | CETECOM GmbH Essen                                                    |
| Test Standard:        | FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5             |
| Antenna polarisation: | horizontal/vertical                                                   |
| Operating Mode:       | WLAN TX, continuous n-mode, ch11, MCS7                                |
| Operator:             | TFra                                                                  |
| Verdict:              | Passed                                                                |

### EUT Information

|               |                                           |
|---------------|-------------------------------------------|
| Manufacturer: | Robert Bosch Car Multimedia GmbH          |
| Model:        | AIVIV10                                   |
| Type:         | Multimedia device with Bluetooth and WLAN |
| HW-Version    | 001                                       |
| SW-Version    | 1049                                      |
| Comment:      | 0005057                                   |
| Power Supply: | 13.5 V DC                                 |

Full Spectrum



## 9.04b\_n40-mode\_ch09

### Common Information

|                       |                                                                       |
|-----------------------|-----------------------------------------------------------------------|
| Test Description:     | Band-Edge: Radiated Field Strength Emissions Emissions in 3m distance |
| Test Site:            | CETECOM GmbH Essen                                                    |
| Test Standard:        | FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5             |
| Antenna polarisation: | horizontal/vertical                                                   |
| Operating Mode:       | WLAN TX, continuous n-mode, BW40, ch09, MCS7                          |
| Operator:             | TFra                                                                  |
| Verdict:              | Passed                                                                |

### EUT Information

|               |                                           |
|---------------|-------------------------------------------|
| Manufacturer: | Robert Bosch Car Multimedia GmbH          |
| Model:        | AIVIV10                                   |
| Type:         | Multimedia device with Bluetooth and WLAN |
| HW-Version    | 001                                       |
| SW-Version    | 1049                                      |
| Comment:      | 0005057                                   |
| Power Supply: | 13.5 V DC                                 |

Full Spectrum

