

## Annex 1: Measurement diagrams to Test Report 20-1-0009201T04a-A1

|                                                         |                                                                                                                                                                                                                                                                                                                           |                        |                            |
|---------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------------|
| <b>Number of pages:</b>                                 | 92                                                                                                                                                                                                                                                                                                                        | <b>Date of Report:</b> | 2021-Mar-04                |
| <b>Testing company:</b>                                 | CETECOM GmbH<br>Im Teelbruch 116<br>45219 Essen Germany<br>Tel. + 49 (0) 20 54 / 95 19-0<br>Fax: + 49 (0) 20 54 / 95 19-150                                                                                                                                                                                               | <b>Applicant:</b>      | Prodrive Technologies B.V. |
| <b>Product:</b><br><b>Model:</b>                        | <b>Motor drive</b><br><b>Carrier Controller</b>                                                                                                                                                                                                                                                                           |                        |                            |
| <b>FCC ID:</b>                                          | Y2ICCMUL2                                                                                                                                                                                                                                                                                                                 | <b>IC:</b>             | 9389A-CCMUL2               |
| <b>Testing has been carried out in accordance with:</b> | <b>Title 47 CFR, Chapter I</b><br><b>FCC Regulations, Subchapter A</b><br>Subpart C: §15.247 (DTS) ,<br><br><b>RSS-247, Issue 2 (DTS)</b><br><b>RSS-Gen., Issue 5</b><br><br>Deviations, modifications or clarifications (if any) to above mentioned documents are written in each section under "Test method and limit". |                        |                            |



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## 1 Measurement diagrams

### 1.1 Radiated measurements

## 2.01a\_b-mode\_ch06

### Common Information

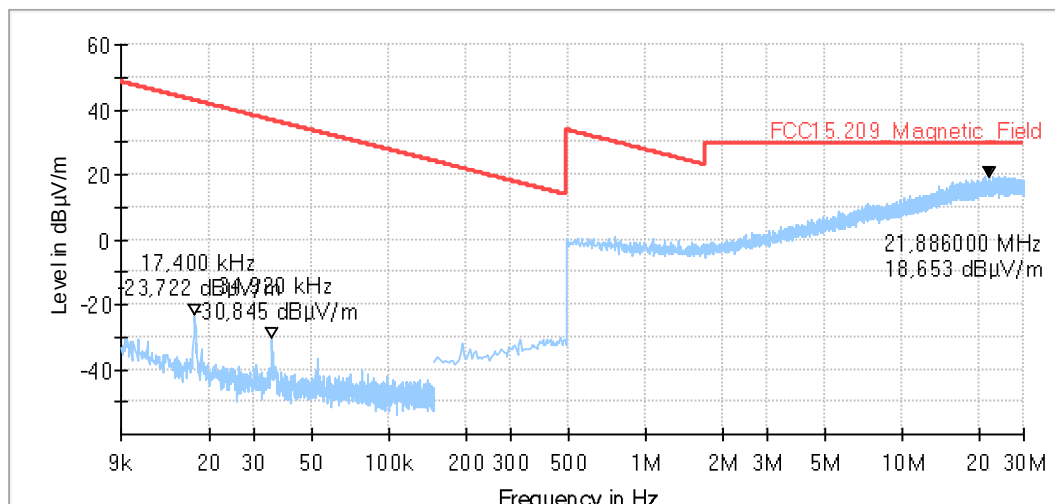
|                          |                                                                         |
|--------------------------|-------------------------------------------------------------------------|
| Test Description:        | Magnetic Field Strength Measurement related to 30/300 m distance        |
| Test Site Location:      | Ref.-Nr. 441 Semi Anechoic Chamber (SAC1) with 3 m measurement distance |
| Version of Testsoftware: | EMC32 V10.50.0                                                          |
| 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 Standard:           | FCC 15.205 § 15.209; RSS-Gen: Issue 5                                   |

|                           |                                     |
|---------------------------|-------------------------------------|
| Operator:                 | npe                                 |
| Operating Mode:           | b-mode   11Mbit   ch06              |
| Power during tests:       | 48VDC                               |
| Comment:                  |                                     |
| Environmental Conditions: | Humidity : 29%rH; Temperature: 20°C |
| EUT Setup:                | 1                                   |
| Verdict:                  | Passed                              |

### EUT Information

|               |                            |
|---------------|----------------------------|
| PMT number:   | 20-1-00092S16_C01          |
| Manufacturer: | Prodrive Technologies B.V. |

Full Spectrum



## 2.01b\_b-mode\_ch06

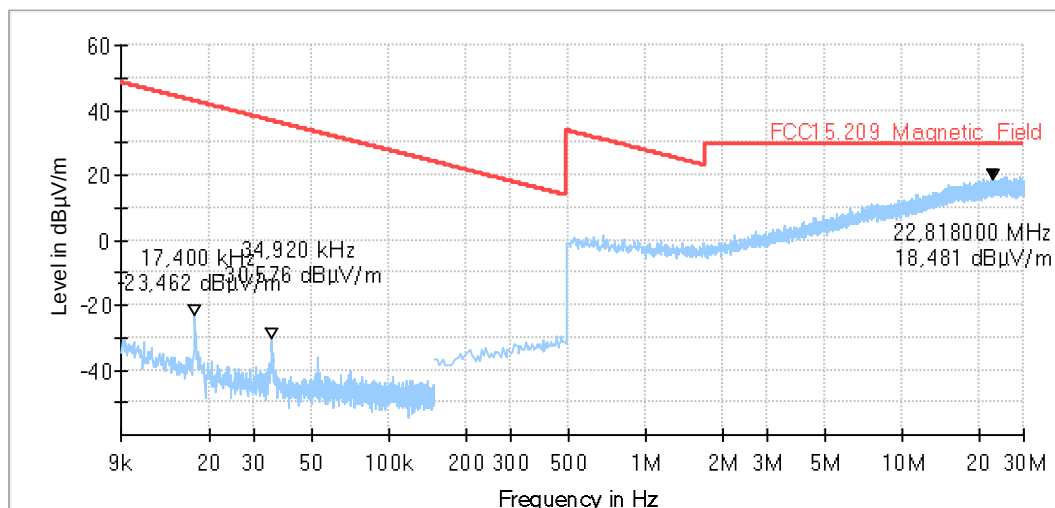
### Common Information

|                            |                                                                         |
|----------------------------|-------------------------------------------------------------------------|
| Test Description:          | Magnetic Field Strength Measurement related to 30/300 m distance        |
| Test Site Location:        | Ref.-Nr. 441 Semi Anechoic Chamber (SAC1) with 3 m measurement distance |
| Version of Testsoftware:   | EMC32 V10.50.0                                                          |
| 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 Standard:             | FCC 15.205 § 15.209; RSS-Gen: Issue 5                                   |
| Operator:                  | npe                                                                     |
| Operating Mode:            | b-mode   11Mbit  ch06                                                   |
| Power during tests:        | 48VDC                                                                   |
| Comment:                   |                                                                         |
| Environmental Conditions:: | Humidity : 29%rH; Temperature: 20°C                                     |
| EUT Setup:                 | 1                                                                       |
| Verdict:                   | Passed                                                                  |

### EUT Information

|               |                            |
|---------------|----------------------------|
| PMT number:   | 20-1-00092S16_C01          |
| Manufacturer: | Prodrive Technologies B.V. |

Full Spectrum



## 2.02a\_g-mode\_ch11

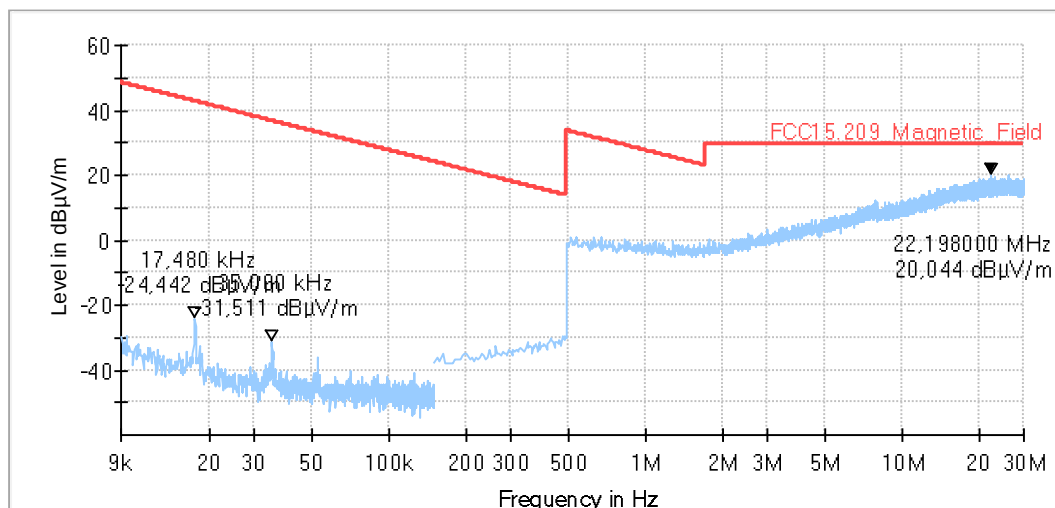
### Common Information

|                            |                                                                         |
|----------------------------|-------------------------------------------------------------------------|
| Test Description:          | Magnetic Field Strength Measurement related to 30/300 m distance        |
| Test Site Location:        | Ref.-Nr. 441 Semi Anechoic Chamber (SAC1) with 3 m measurement distance |
| Version of Testsoftware:   | EMC32 V10.50.0                                                          |
| 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 Standard:             | FCC 15.205 § 15.209; RSS-Gen: Issue 5                                   |
| Operator:                  | npe                                                                     |
| Operating Mode:            | g-mode   12Mbit  ch11                                                   |
| Power during tests:        | 48VDC                                                                   |
| Comment:                   |                                                                         |
| Environmental Conditions:: | Humidity : 29%rH; Temperature: 20°C                                     |
| EUT Setup:                 | 1                                                                       |
| Verdict:                   | Passed                                                                  |

### EUT Information

|               |                            |
|---------------|----------------------------|
| PMT number:   | 20-1-00092S16_C01          |
| Manufacturer: | Prodrive Technologies B.V. |

Full Spectrum



## 2.02b\_g-mode\_ch11

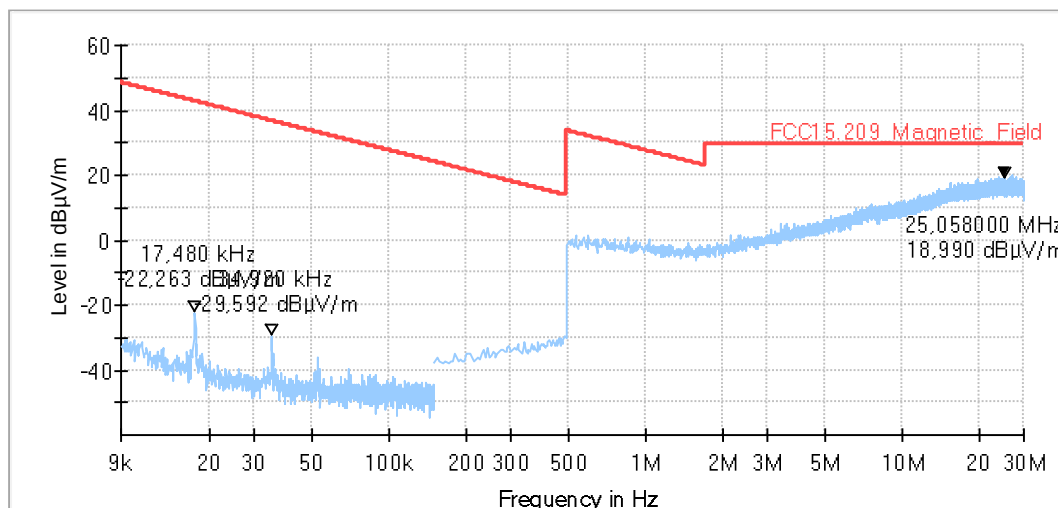
### Common Information

|                            |                                                                         |
|----------------------------|-------------------------------------------------------------------------|
| Test Description:          | Magnetic Field Strength Measurement related to 30/300 m distance        |
| Test Site Location:        | Ref.-Nr. 441 Semi Anechoic Chamber (SAC1) with 3 m measurement distance |
| Version of Testsoftware:   | EMC32 V10.50.0                                                          |
| 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 Standard:             | FCC 15.205 § 15.209; RSS-Gen: Issue 5                                   |
| Operator:                  | npe                                                                     |
| Operating Mode:            | g-mode   12Mbit  ch11                                                   |
| Power during tests:        | 48VDC                                                                   |
| Comment:                   |                                                                         |
| Environmental Conditions:: | Humidity : 29%rH; Temperature: 20°C                                     |
| EUT Setup:                 | 1                                                                       |
| Verdict:                   | Passed                                                                  |

### EUT Information

|               |                            |
|---------------|----------------------------|
| PMT number:   | 20-1-00092S16_C01          |
| Manufacturer: | Prodrive Technologies B.V. |

Full Spectrum



## 2.03a\_n-mode\_ch01

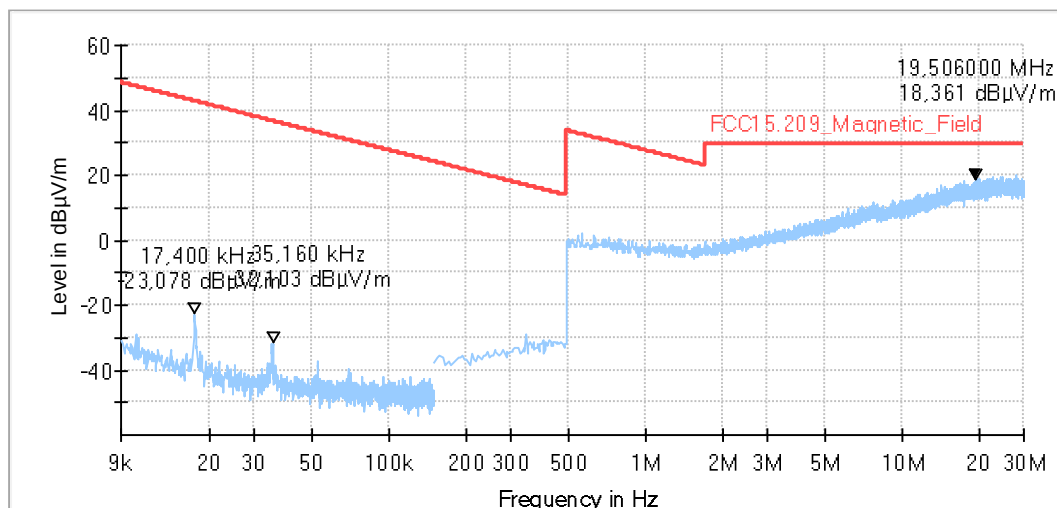
### Common Information

|                            |                                                                         |
|----------------------------|-------------------------------------------------------------------------|
| Test Description:          | Magnetic Field Strength Measurement related to 30/300 m distance        |
| Test Site Location:        | Ref.-Nr. 441 Semi Anechoic Chamber (SAC1) with 3 m measurement distance |
| Version of Testsoftware:   | EMC32 V10.50.0                                                          |
| 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 Standard:             | FCC 15.205 § 15.209; RSS-Gen: Issue 5                                   |
| Operator:                  | npe                                                                     |
| Operating Mode:            | b-mode   11Mbit  ch06                                                   |
| Power during tests:        | 48VDC                                                                   |
| Comment:                   |                                                                         |
| Environmental Conditions:: | Humidity : 29%rH; Temperature: 20°C                                     |
| EUT Setup:                 | 1                                                                       |
| Verdict:                   | Passed                                                                  |

### EUT Information

|               |                            |
|---------------|----------------------------|
| PMT number:   | 20-1-00092S16_C01          |
| Manufacturer: | Prodrive Technologies B.V. |

Full Spectrum



## 2.03b\_n-mode\_ch01

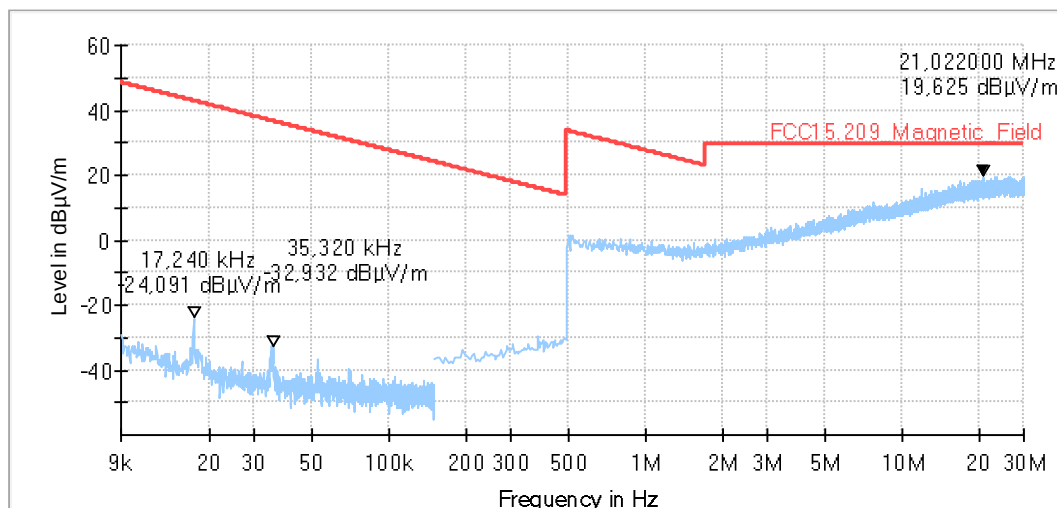
### Common Information

|                            |                                                                         |
|----------------------------|-------------------------------------------------------------------------|
| Test Description:          | Magnetic Field Strength Measurement related to 30/300 m distance        |
| Test Site Location:        | Ref.-Nr. 441 Semi Anechoic Chamber (SAC1) with 3 m measurement distance |
| Version of Testsoftware:   | EMC32 V10.50.0                                                          |
| 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 Standard:             | FCC 15.205 § 15.209; RSS-Gen: Issue 5                                   |
| Operator:                  | npe                                                                     |
| Operating Mode:            | b-mode   11Mbit  ch06                                                   |
| Power during tests:        | 48VDC                                                                   |
| Comment:                   |                                                                         |
| Environmental Conditions:: | Humidity : 29%rH; Temperature: 20°C                                     |
| EUT Setup:                 | 1                                                                       |
| Verdict:                   | Passed                                                                  |

### EUT Information

|               |                            |
|---------------|----------------------------|
| PMT number:   | 20-1-00092S16_C01          |
| Manufacturer: | Prodrive Technologies B.V. |

Full Spectrum



## 3.01a\_b-mode\_ch06

### Common Information

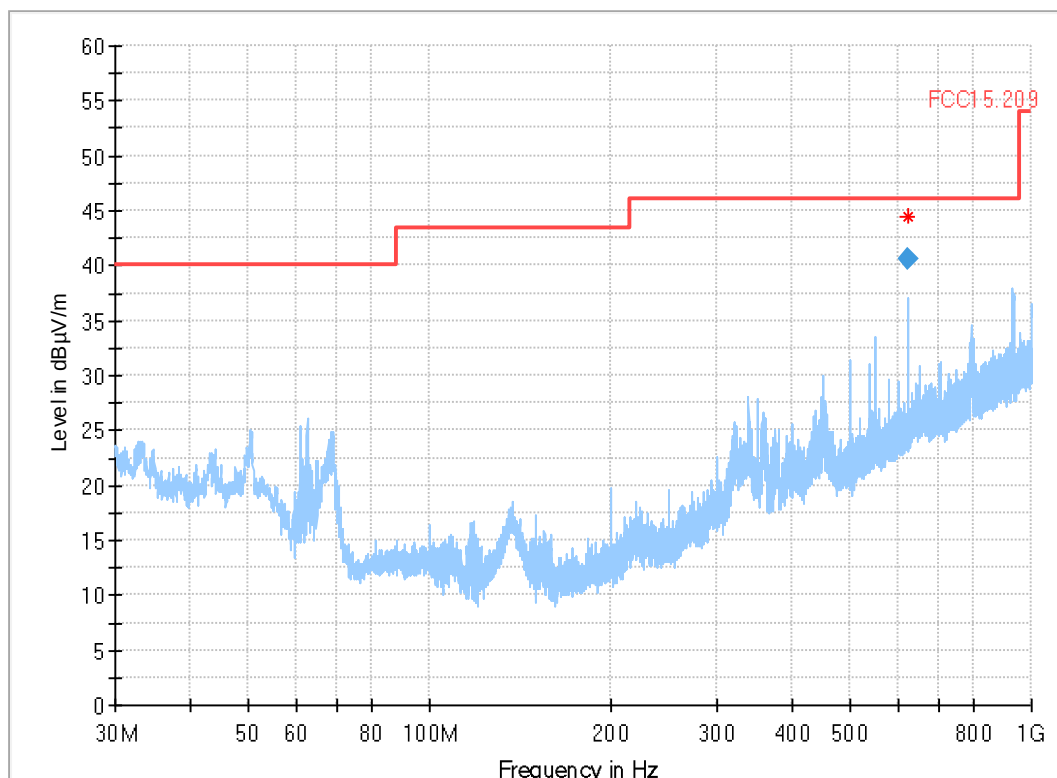
Test Description: Radiated field strength emission in 3m distance  
 Test Site: CETECOM GmbH Essen  
 Test Standard: FCC 15.205&15.209 & RSS Gen. Issue 5  
 Antenna polarisation: horizontal/vertical  
  
 Environmental Conditions: Humidity : 40%rH; Temperature: 20°C  
 Operator Name: HLa  
 Operating Mode: b mode ch06  
 Verdict: Passed

### EUT Information

PMT number: 20-1-00092S16\_C01  
 Manufacturer: Prodrive Technologies B.V.

### Full Spectrum

Full Spectrum



Remark: The peak at 928 MHz is known external disturbance and does not come from EUT.

### Final Result

| Frequency (MHz) | QuasiPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) | Comment               |
|-----------------|--------------------|----------------|-------------|-----------------|-------------|-----|---------------|--------------|-----------------------|
| 622.484000      | 40.50              | 46.00          | 5.50        | 120.000         | 136.0       | V   | 164.0         | 22.0         | 14:30:15 - 10.02.2021 |

## 3.01b\_b-mode\_ch06

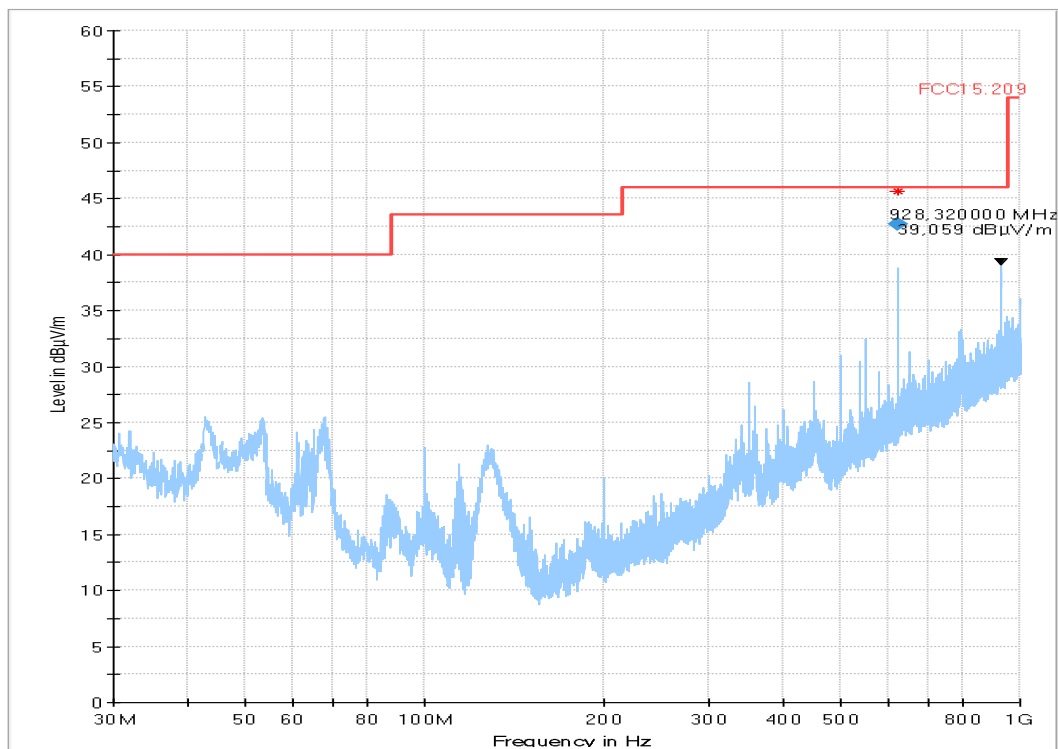
### Common Information

Test Description: Radiated field strength emission in 3m distance  
 Test Site: CETECOM GmbH Essen  
 Test Standard: FCC 15.205&15.209 & RSS Gen. Issue 5  
 Antenna polarisation: horizontal/vertical  
  
 Environmental Conditions: Humidity : 40%rH; Temperature: 20°C  
 Operator Name: HLa  
 Operating Mode: b-mode | 11Mbit| ch06  
 Verdict: Passed

### EUT Information

PMT number: 20-1-00092S16\_C01  
 Manufacturer: Prodrive Technologies B.V.

Full Spectrum



Remark: The peak at 928 MHz is known external disturbance and does not come from EUT.

### Final Result

| Frequency (MHz) | QuasiPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) | Comment               |
|-----------------|--------------------|----------------|-------------|-----------------|-------------|-----|---------------|--------------|-----------------------|
| 622.482000      | 42.67              | 46.00          | 3.33        | 120.000         | 109.0       | V   | 157.0         | 22.0         | 14:53:07 - 10.02.2021 |

## 3.02b\_g-mode\_ch11

### Common Information

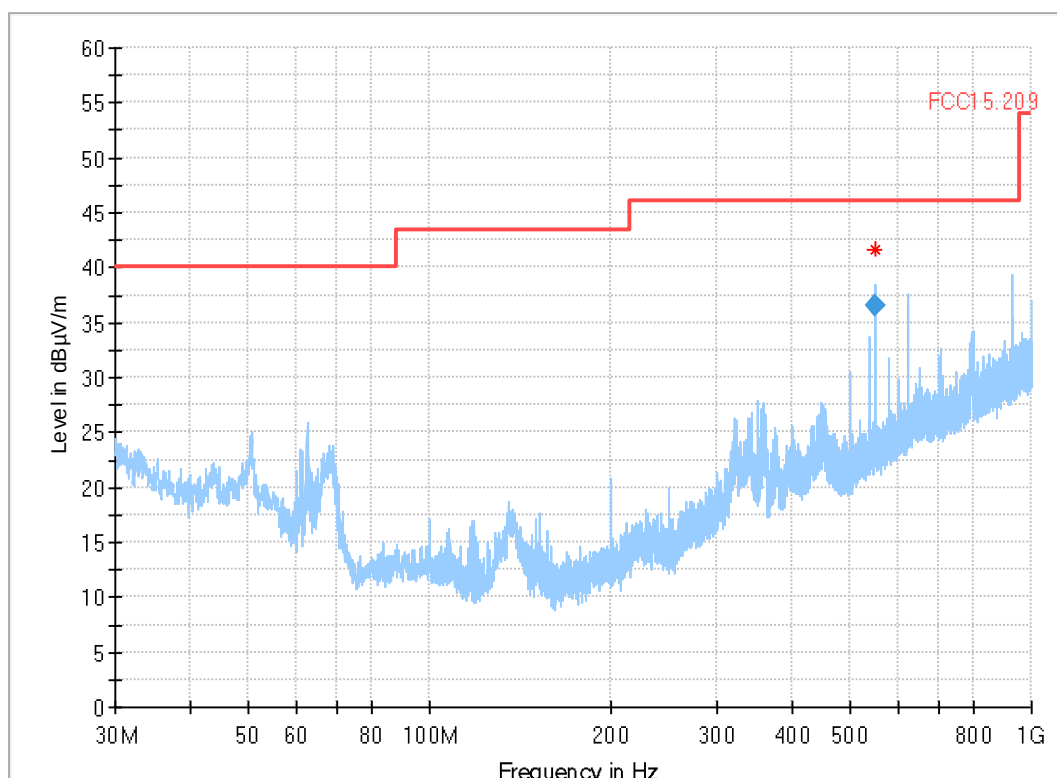
Test Description: Radiated field strength emission in 3m distance  
 Test Site: CETECOM GmbH Essen  
 Test Standard: FCC 15.205&15.209 & RSS Gen. Issue 5  
 Antenna polarisation: horizontal/vertical  
  
 Environmental Conditions: Humidity : 40%rH; Temperature: 20°C  
 Operator Name: HLA  
 Operating Mode: g-mode | 12Mbit| ch11  
 Verdict: Passed

### EUT Information

PMT number: 20-1-00092S16\_C01  
 Manufacturer: Prodrive Technologies B.V.

### Full Spectrum

Full Spectrum



Remark: The peak at 928 MHz is known external disturbance and does not come from EUT.

### Final Result

| Frequency (MHz) | QuasiPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) | Comment               |
|-----------------|--------------------|----------------|-------------|-----------------|-------------|-----|---------------|--------------|-----------------------|
| 549.994000      | 36.54              | 46.00          | 9.46        | 120.000         | 119.0       | V   | 210.0         | 21.6         | 13:55:19 - 10.02.2021 |

## 3.02b\_g-mode\_ch11

### Common Information

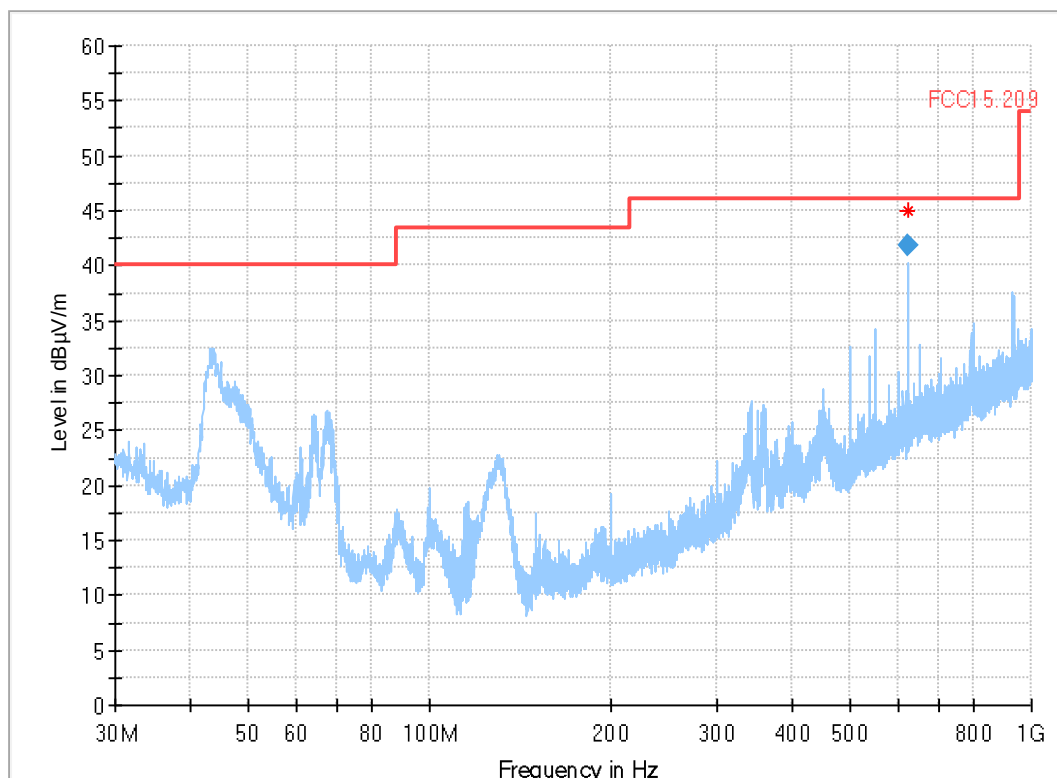
Test Description: Radiated field strength emission in 3m distance  
 Test Site: CETECOM GmbH Essen  
 Test Standard: FCC 15.205&15.209 & RSS Gen. Issue 5  
 Antenna polarisation: horizontal/vertical  
  
 Environmental Conditions: Humidity : 40%rH; Temperature: 20°C  
 Operator Name: HLa  
 Operating Mode: g-mode | 12Mbit| ch11  
 Verdict: Passed

### EUT Information

PMT number: 20-1-00092S16\_C01  
 Manufacturer: Prodrive Technologies B.V.

### Full Spectrum

Full Spectrum



Remark: The peak at 928 MHz is known external disturbance and does not come from EUT.

### Final Result

| Frequency (MHz) | QuasiPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) | Comment               |
|-----------------|--------------------|----------------|-------------|-----------------|-------------|-----|---------------|--------------|-----------------------|
| 622.500000      | 41.84              | 46.00          | 4.16        | 120.000         | 156.0       | H   | 274.0         | 22.0         | 15:13:42 - 10.02.2021 |

## 3.03a\_n-mode\_ch01

### Common Information

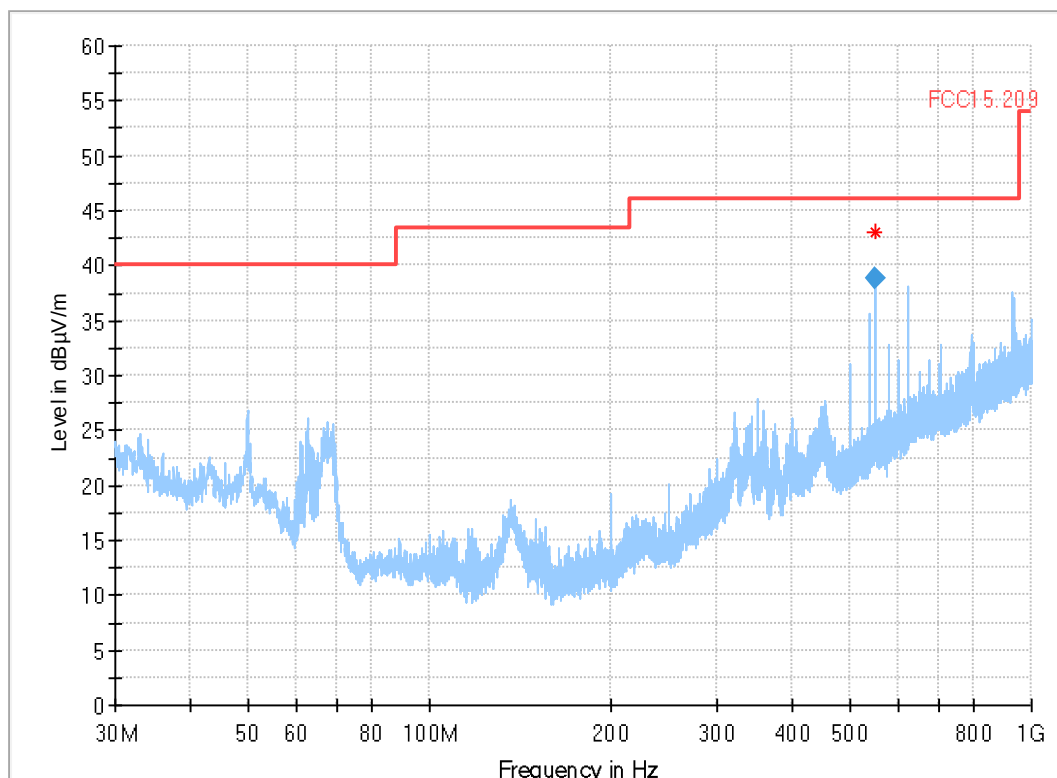
Test Description: Radiated field strength emission in 3m distance  
 Test Site: CETECOM GmbH Essen  
 Test Standard: FCC 15.205&15.209 & RSS Gen. Issue 5  
 Antenna polarisation: horizontal/vertical  
  
 Environmental Conditions: Humidity : 40%rH; Temperature: 20°C  
 Operator Name: HLA  
 Operating Mode: n-mode | HT20 | MCS3| ch01  
 Verdict: Passed

### EUT Information

PMT number: 20-1-00092S16\_C01  
 Manufacturer: Prodrive Technologies B.V.

### Full Spectrum

Full Spectrum



Remark: The peak at 928 MHz is known external disturbance and does not come from EUT.

### Final Result

| Frequency (MHz) | QuasiPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) | Comment               |
|-----------------|--------------------|----------------|-------------|-----------------|-------------|-----|---------------|--------------|-----------------------|
| 549.998000      | 38.81              | 46.00          | 7.19        | 120.000         | 128.0       | V   | 42.0          | 21.6         | 13:29:14 - 10.02.2021 |

## 3.03b\_n-mode\_ch01

### Common Information

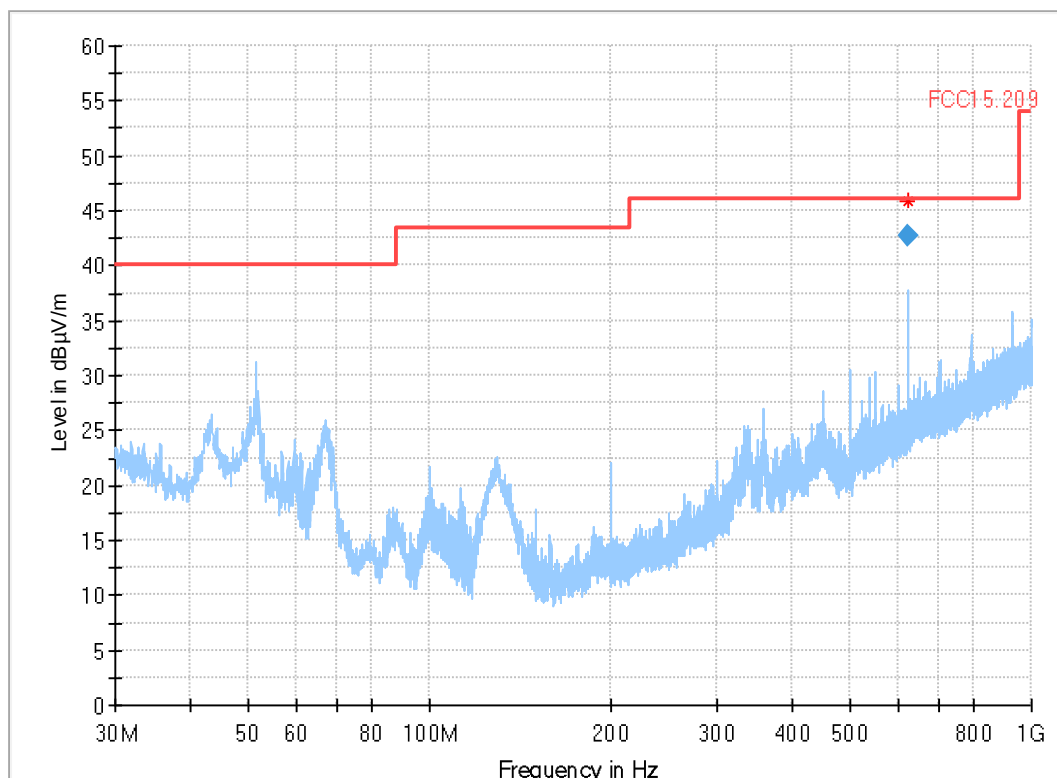
Test Description: Radiated field strength emission in 3m distance  
 Test Site: CETECOM GmbH Essen  
 Test Standard: FCC 15.205&15.209 & RSS Gen. Issue 5  
 Antenna polarisation: horizontal/vertical  
  
 Environmental Conditions: Humidity : 40%rH; Temperature: 20°C  
 Operator Name: HLa  
 Operating Mode: n-mode | HT20 | MCS3| ch01  
 Verdict: Passed

### EUT Information

PMT number: 20-1-00092S16\_C01  
 Manufacturer: Prodrive Technologies B.V.

### Full Spectrum

Full Spectrum



Remark: The peak at 928 MHz is known external disturbance and does not come from EUT.

### Final Result

| Frequency (MHz) | QuasiPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) | Comment               |
|-----------------|--------------------|----------------|-------------|-----------------|-------------|-----|---------------|--------------|-----------------------|
| 622.494000      | 42.64              | 46.00          | 3.36        | 120.000         | 161.0       | V   | 41.0          | 22.0         | 15:35:04 - 10.02.2021 |

## 4.01a\_b-mode\_ch06

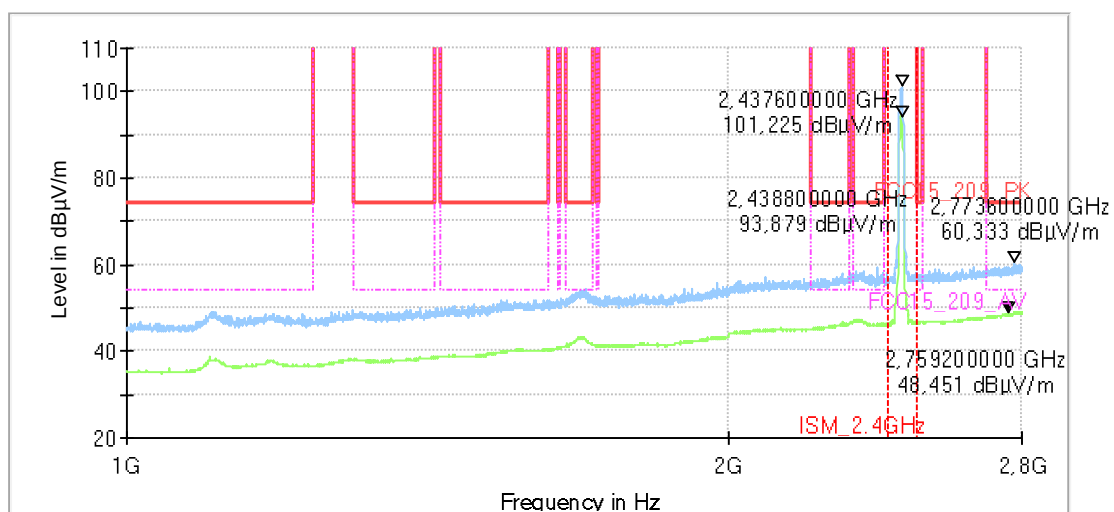
### Common Information

|                       |                                                                       |
|-----------------------|-----------------------------------------------------------------------|
| Test Description:     | Band-Edge: Radiated Field Strength Emissions Emissions in 3m distance |
| Test Site:            | Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0                        |
| Test Standard:        | FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5             |
| Antenna polarisation: | horizontal/vertical                                                   |
| Operating Mode:       | b-mode   11Mbit  ch06                                                 |
| Operator:             | npe                                                                   |
| Comment:              | -                                                                     |
| EUT Setup:            | 1                                                                     |
| Verdict:              | Passed                                                                |

### EUT Information

|               |                            |
|---------------|----------------------------|
| PMT number:   | 20-1-00092S16_C01          |
| Manufacturer: | Prodrive Technologies B.V. |

Full Spectrum



## 4.01b\_b-mode\_ch06

### Common Information

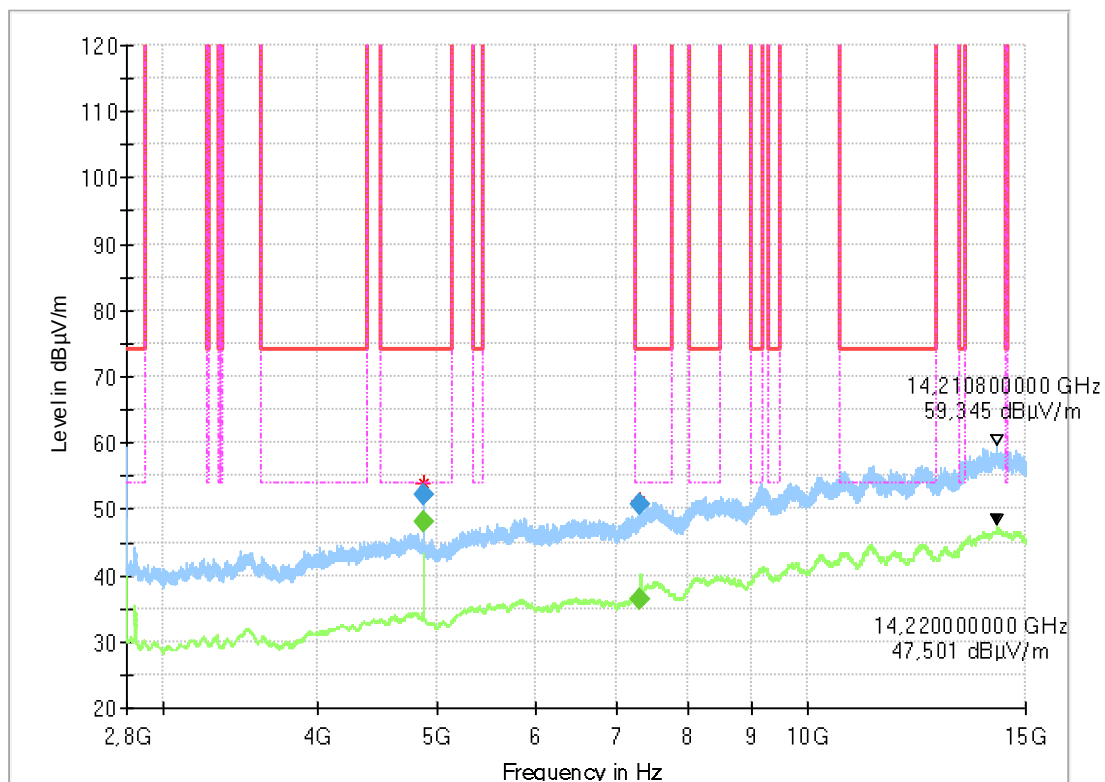
Test Description: Radiated field strength emission in 3m distance  
Test Site: Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0  
Test Standard: FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5  
Antenna polarisation: horizontal/vertical

Operating Mode: b-mode | 11Mbit | ch06  
Operator: npe  
Comment: -  
EUT Setup: 1  
Verdict: Passed

### EUT Information

PMT number: 20-1-00092S16\_C01  
Manufacturer: Prodrive Technologies B.V.

Full Spectrum



**Final\_Result**

| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margi<br>n<br>(dB) | Meas.<br>Time<br>(ms) | Bandwidt<br>h<br>(kHz) | Heigh<br>t<br>(cm) | Pol | Azimut<br>h<br>(deg) | Elevatio<br>n<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|--------------------|-----------------------|------------------------|--------------------|-----|----------------------|------------------------|-----------------|
| 4874.000000        | ---                 | 48.18               | 54.00             | 5.82               | 100.0                 | 1000.000               | 155.0              | V   | 256.0                | 90.0                   | 6               |
| 4874.000000        | 52.13               | ---                 | 74.00             | 21.87              | 100.0                 | 1000.000               | 155.0              | V   | 263.0                | 90.0                   | 6               |
| 7306.800000        | 50.59               | ---                 | 74.00             | 23.41              | 100.0                 | 1000.000               | 155.0              | V   | 262.0                | 90.0                   | 13              |
| 7309.200000        | ---                 | 36.30               | 54.00             | 17.70              | 100.0                 | 1000.000               | 155.0              | H   | 90.0                 | 90.0                   | 13              |

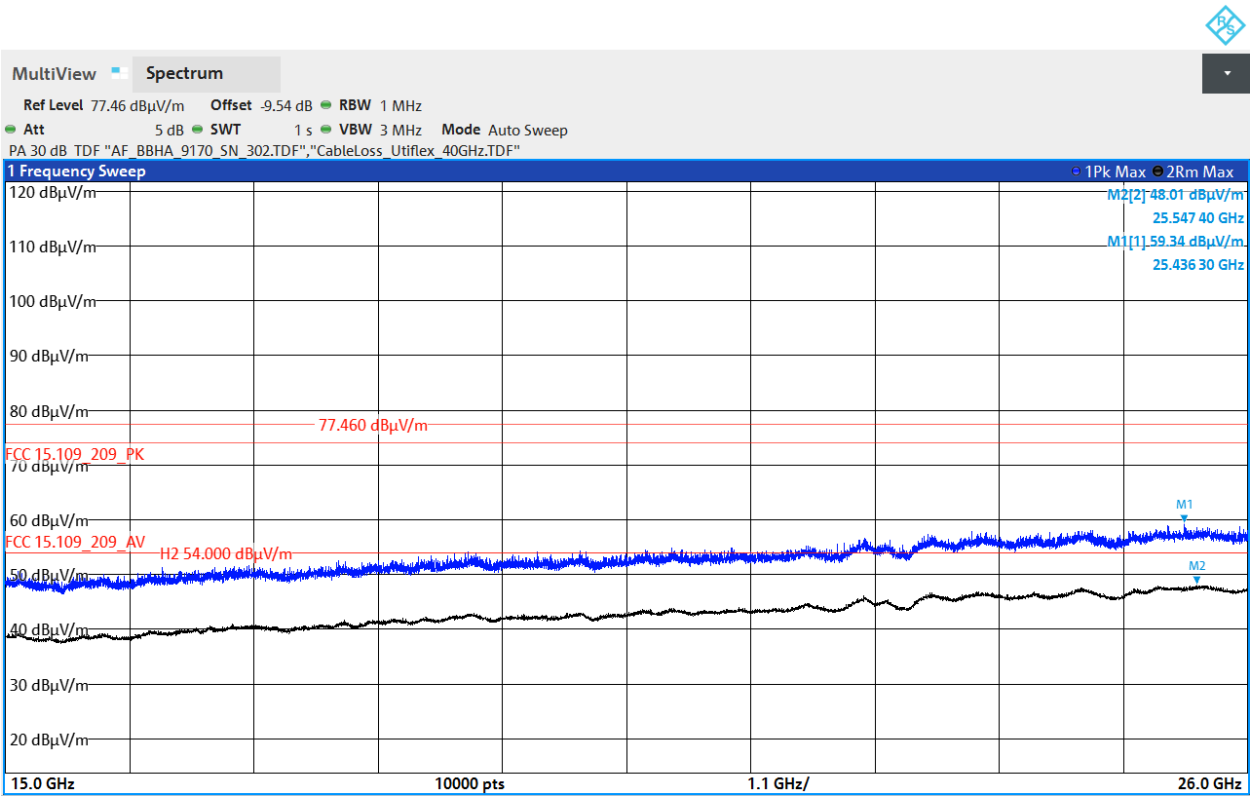
# 4.01c\_b-mode\_ch06

## Common Information

|                       |                                                                       |
|-----------------------|-----------------------------------------------------------------------|
| Test Description:     | Band-Edge: Radiated Field Strength Emissions Emissions in 3m distance |
| Test Site:            | Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0                        |
| Test Standard:        | FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5             |
| Antenna polarisation: | horizontal/vertical                                                   |
| Operating Mode:       | b-mode   11Mbit  ch06                                                 |
| Operator:             | npe                                                                   |
| Comment:              | -                                                                     |
| EUT Setup:            | 1                                                                     |
| Verdict:              | Passed                                                                |

## EUT Information

|               |                            |
|---------------|----------------------------|
| PMT number:   | 20-1-00092S16_C01          |
| Manufacturer: | Prodrive Technologies B.V. |



## 4.02a\_g-mode\_ch11

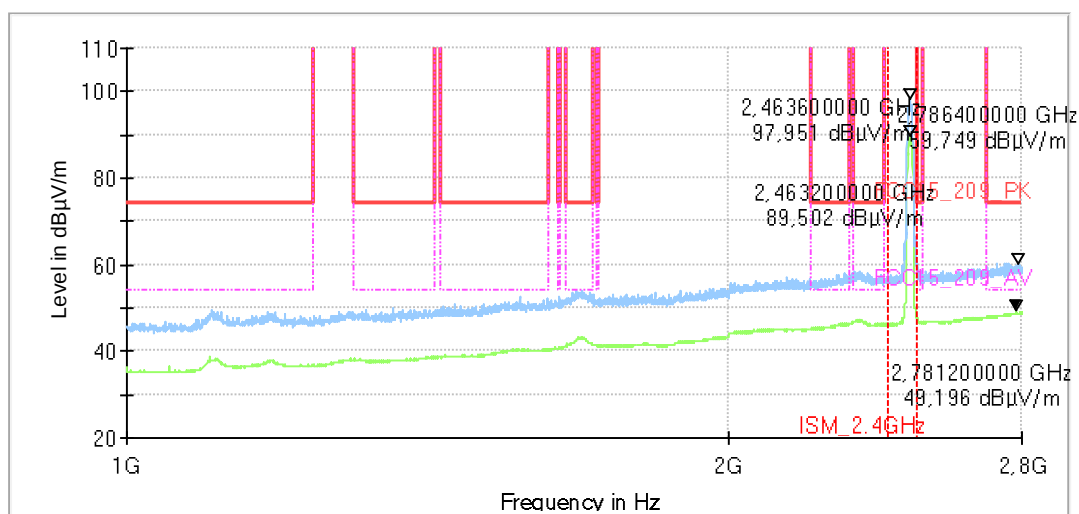
### Common Information

|                       |                                                                       |
|-----------------------|-----------------------------------------------------------------------|
| Test Description:     | Band-Edge: Radiated Field Strength Emissions Emissions in 3m distance |
| Test Site:            | Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0                        |
| Test Standard:        | FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5             |
| Antenna polarisation: | horizontal/vertical                                                   |
| Operating Mode:       | g-mode   12Mbit  ch11                                                 |
| Operator:             | npe                                                                   |
| Comment:              | -                                                                     |
| EUT Setup:            | 1                                                                     |
| Verdict:              | Passed                                                                |

### EUT Information

|               |                            |
|---------------|----------------------------|
| PMT number:   | 20-1-00092S16_C01          |
| Manufacturer: | Prodrive Technologies B.V. |

Full Spectrum



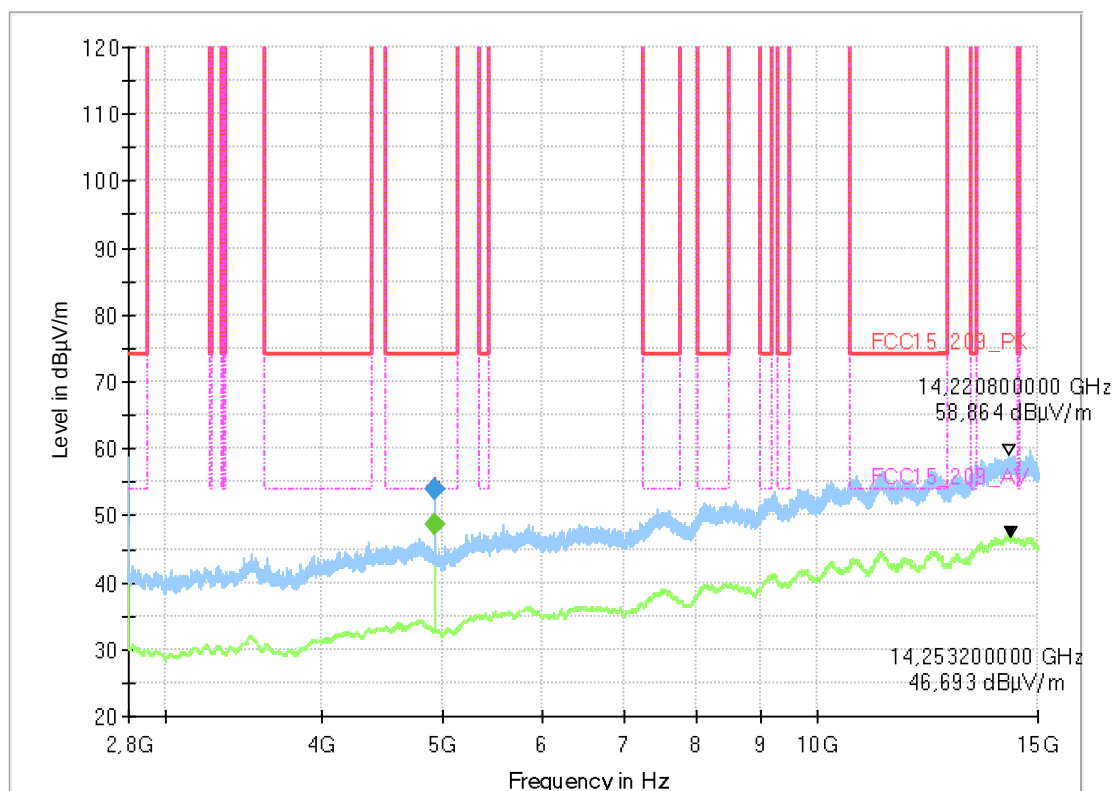
## 4.02b\_g-mode\_ch11

### Common Information

Test Description: Radiated field strength emission in 3m distance  
 Test Site: Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0  
 Test Standard: FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5  
 Antenna polarisation: horizontal/vertical

Operating Mode: g-mode | 12Mbit | ch11  
 Operator: npe  
 Comment: -  
 EUT Setup: 1  
 Verdict: Passed

Full Spectrum



### Final Result

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Elevation (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-----------------|-----------------|-------------|-----|---------------|-----------------|--------------|
| 4924.000000     | 53.91            | ---              | 74.00          | 20.09       | 100.0           | 1000.000        | 155.0       | H   | 101.0         | 90.0            | 5            |
| 4924.000000     | ---              | 48.66            | 54.00          | 5.34        | 100.0           | 1000.000        | 155.0       | H   | 100.0         | 90.0            | 5            |

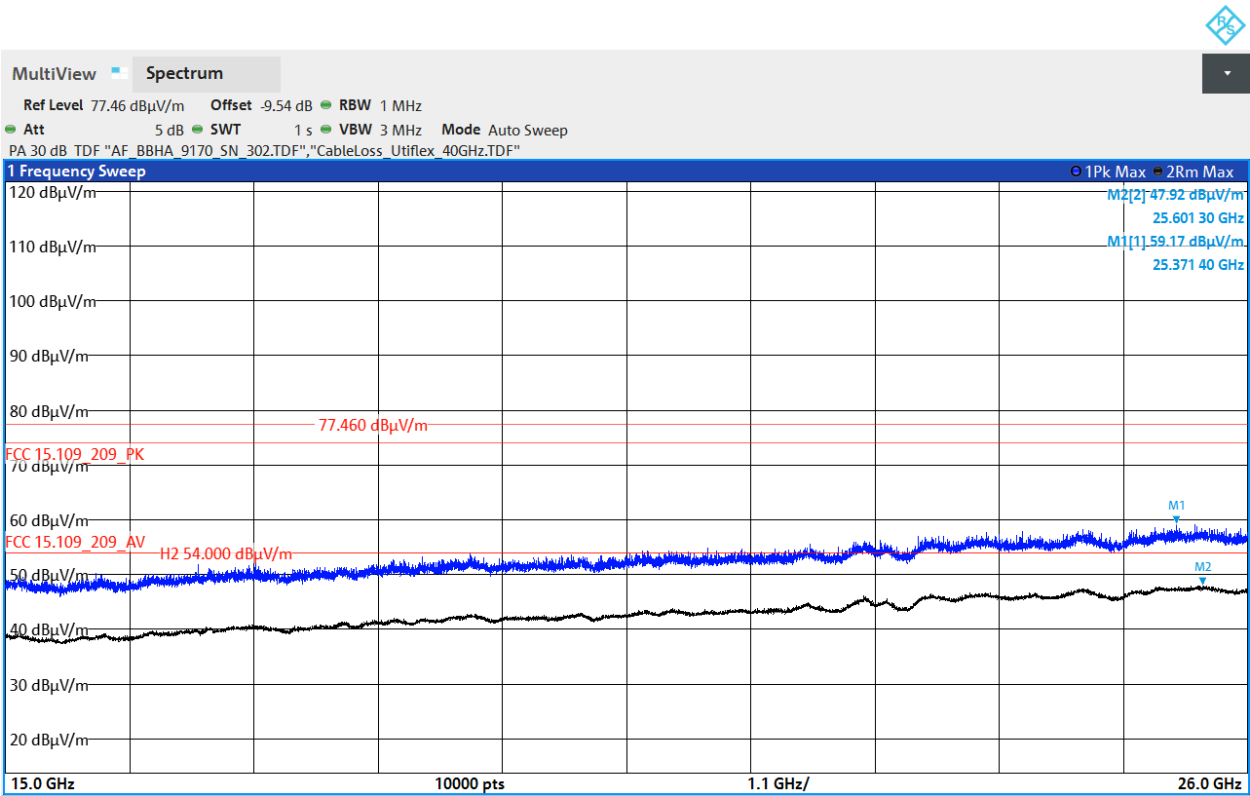
# 4.02c\_g-mode\_ch11

## Common Information

|                       |                                                                       |
|-----------------------|-----------------------------------------------------------------------|
| Test Description:     | Band-Edge: Radiated Field Strength Emissions Emissions in 3m distance |
| Test Site:            | Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0                        |
| Test Standard:        | FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5             |
| Antenna polarisation: | horizontal/vertical                                                   |
| Operating Mode:       | g-mode   12Mbit  ch11                                                 |
| Operator:             | npe                                                                   |
| Comment:              | -                                                                     |
| EUT Setup:            | 1                                                                     |
| Verdict:              | Passed                                                                |

## EUT Information

|               |                            |
|---------------|----------------------------|
| PMT number:   | 20-1-00092S16_C01          |
| Manufacturer: | Prodrive Technologies B.V. |



## 4.03a\_n-mode\_ch01

### Common Information

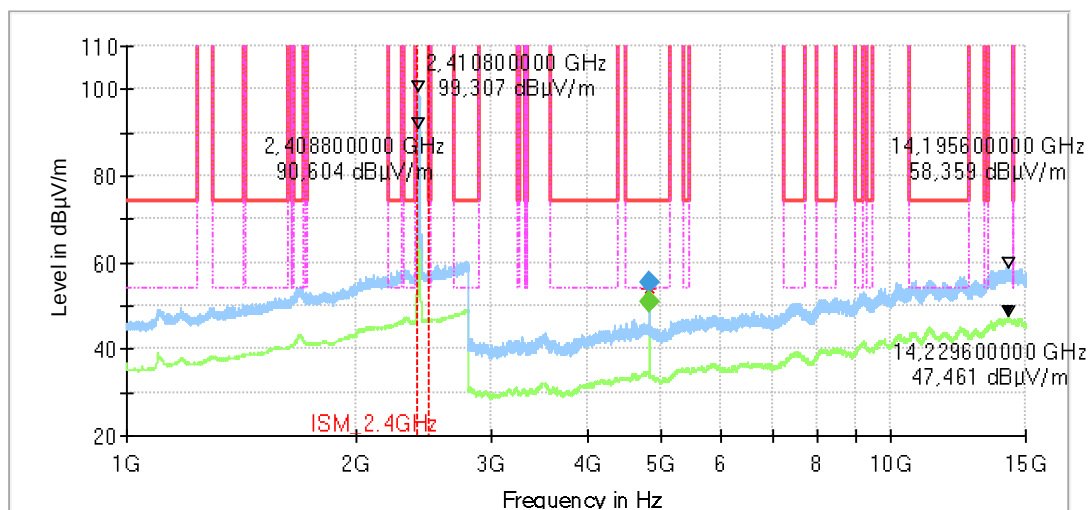
Test Description: Band-Edge: Radiated Field Strength Emissions Emissions in 3m distance  
 Test Site: Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0  
 Test Standard: FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5  
 Antenna polarisation: horizontal/vertical

Operating Mode: n-mode | HT20 | MCS3| ch01  
 Operator: npe  
 Comment: -  
 EUT Setup: 1  
 Verdict: Passed

### EUT Information

PMT number: 20-1-00092S16\_C01  
 Manufacturer: Prodrive Technologies B.V.

Full Spectrum



### Final\_Result

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin | Meas. Time (ms) | Bandwidth (Hz) | Height | Pol | Azimuth | Elevation |
|-----------------|------------------|------------------|----------------|--------|-----------------|----------------|--------|-----|---------|-----------|
| 4824.010000     | ---              | 50.78            | 54.00          | 3.22   | 100.0           | 1000.000       | 155.0  | H   | 104.0   | 90.0      |
| 4824.010000     | 55.23            | ---              | 74.00          | 18.77  | 100.0           | 1000.000       | 155.0  | H   | 105.0   | 90.0      |

(continuation of the "Final\_Result" table from column 16 ...)

| Frequency (MHz) | Corr. (dB/m) | Sig Path (dB) | Preamplifier | Trd Corr. (dB/m) | Raw Rec (dBµV) | Comment               |
|-----------------|--------------|---------------|--------------|------------------|----------------|-----------------------|
| 4824.010000     | 6            | -30           | 0            | 36               | ---            | 17:37:23 - 09.02.2021 |
| 4824.010000     | 6            | -30           | 0            | 36               | ---            | 17:35:26 - 09.02.2021 |

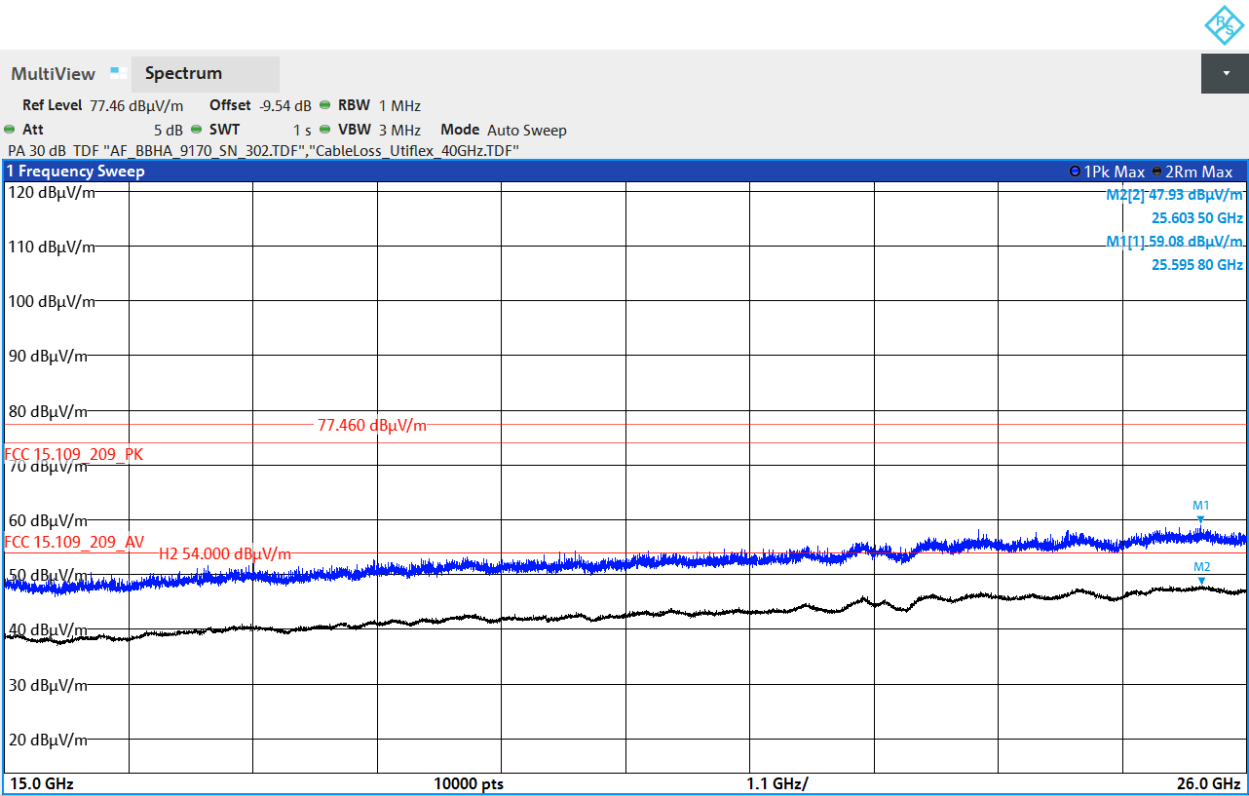
# 4.03b\_n-mode\_ch01

## Common Information

|                       |                                                                       |
|-----------------------|-----------------------------------------------------------------------|
| Test Description:     | Band-Edge: Radiated Field Strength Emissions Emissions in 3m distance |
| Test Site:            | Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0                        |
| Test Standard:        | FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5             |
| Antenna polarisation: | horizontal/vertical                                                   |
| Operating Mode:       | n-mode   HT20   MCS3  ch01                                            |
| Operator:             | npe                                                                   |
| Comment:              | -                                                                     |
| EUT Setup:            | 1                                                                     |
| Verdict:              | Passed                                                                |

## EUT Information

|               |                            |
|---------------|----------------------------|
| PMT number:   | 20-1-00092S16_C01          |
| Manufacturer: | Prodrive Technologies B.V. |



## 9.01\_b-mode\_ch01

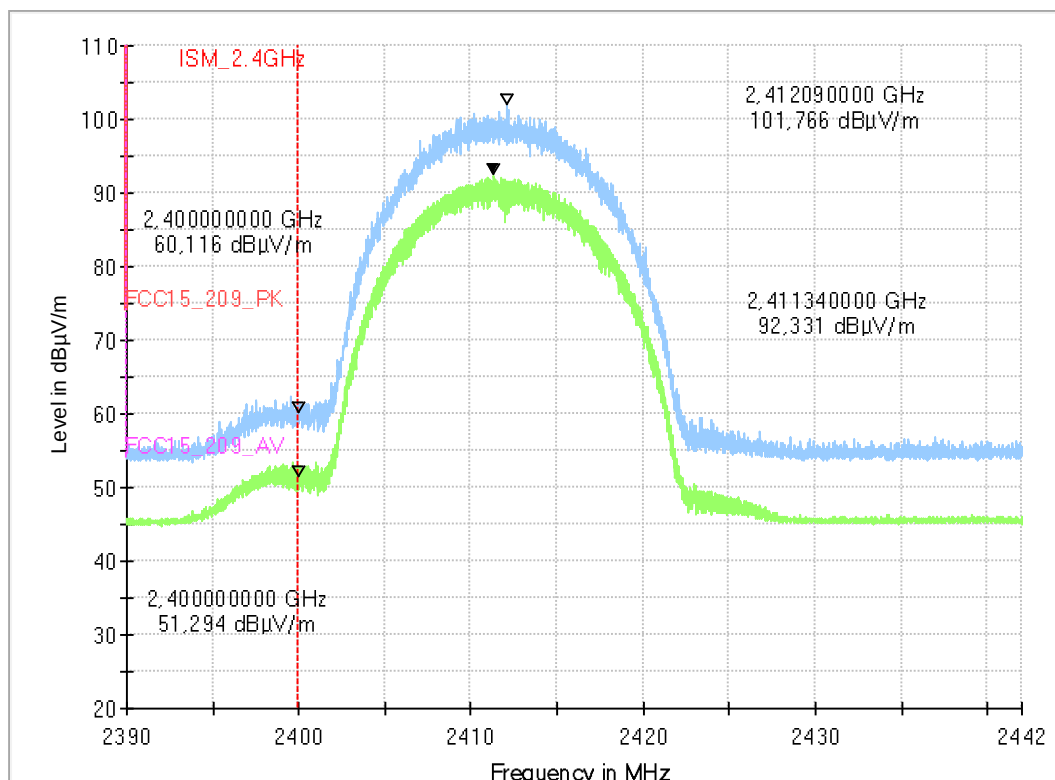
### Common Information

|                       |                                                                       |
|-----------------------|-----------------------------------------------------------------------|
| Test Description:     | Band-Edge: Radiated Field Strength Emissions Emissions in 3m distance |
| Test Site:            | Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0                        |
| Test Standard:        | FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5             |
| Antenna polarisation: | horizontal/vertical                                                   |
| Operating Mode:       | b-mode   11Mbit  ch01                                                 |
| Operator:             | TFra                                                                  |
| Comment:              | Channel no. low                                                       |
| EUT Setup:            | 1                                                                     |
| Verdict:              | Passed                                                                |

### EUT Information

|               |                            |
|---------------|----------------------------|
| PMT number:   | 20-1-00092S16_C01          |
| Manufacturer: | Prodrive Technologies B.V. |

Full Spectrum



## 9.02\_b-mode\_ch11

### Common Information

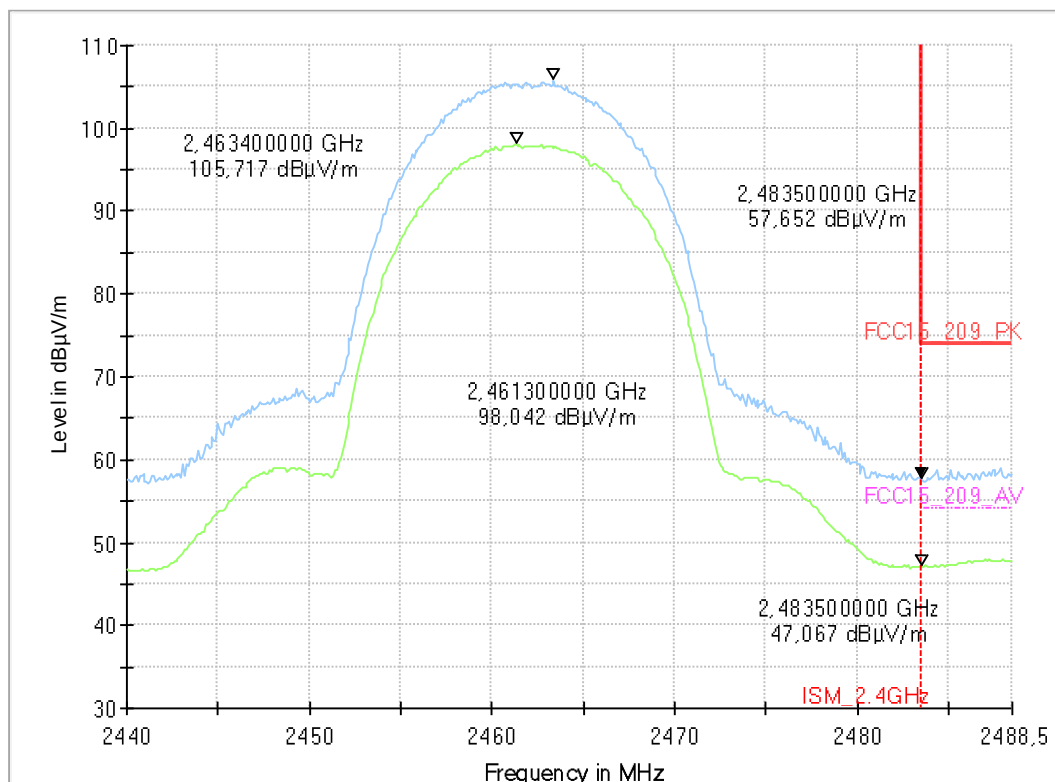
Test Description: Band-Edge: Radiated Field Strength Emissions Emissions in 3m distance  
 Test Site: Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0  
 Test Standard: FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5  
 Antenna polarisation: horizontal/vertical

Operating Mode: b-mode | 11Mbit| ch11  
 Operator: TFra  
 Comment: Channel no. high  
 EUT Setup: 1  
 Verdict: Passed

### EUT Information

PMT number: 20-1-00092S16\_C01  
 Manufacturer: Prodrive Technologies B.V.

Full Spectrum



## 9.03\_g-mode\_ch01

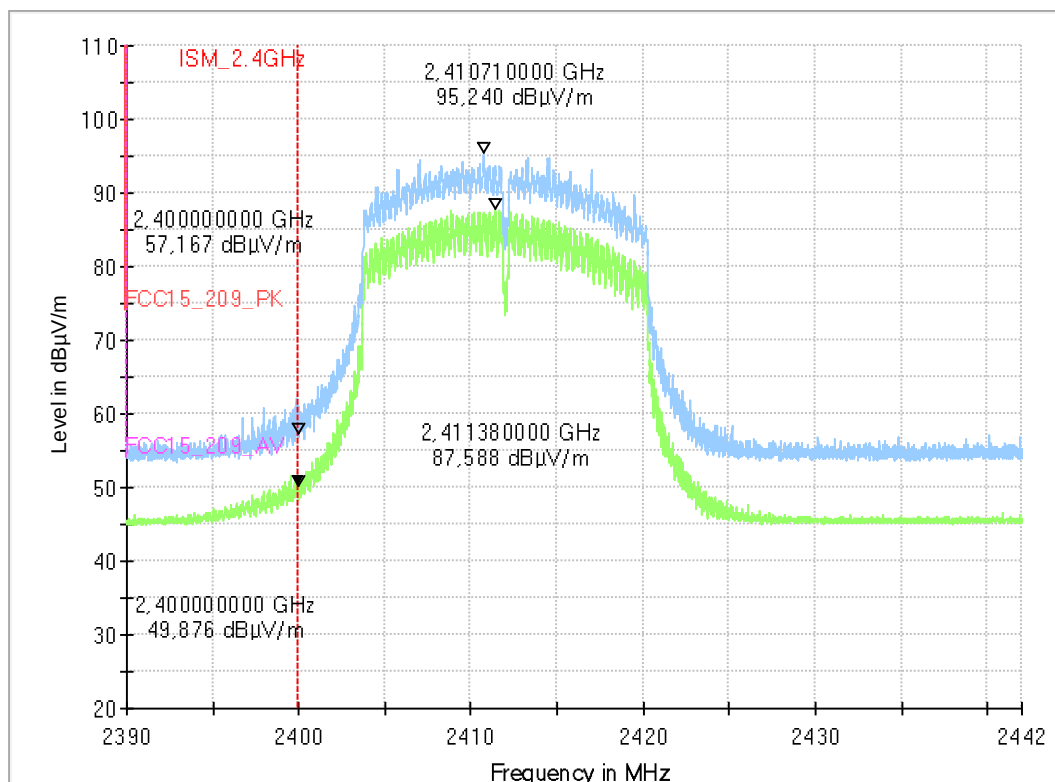
### Common Information

|                       |                                                                       |
|-----------------------|-----------------------------------------------------------------------|
| Test Description:     | Band-Edge: Radiated Field Strength Emissions Emissions in 3m distance |
| Test Site:            | Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0                        |
| Test Standard:        | FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5             |
| Antenna polarisation: | horizontal/vertical                                                   |
| Operating Mode:       | g-mode   12Mbit  ch01                                                 |
| Operator:             | TFra                                                                  |
| Comment:              | Channel no. low                                                       |
| EUT Setup:            | 1                                                                     |
| Verdict:              | Passed                                                                |

### EUT Information

|               |                            |
|---------------|----------------------------|
| PMT number:   | 20-1-00092S16_C01          |
| Manufacturer: | Prodrive Technologies B.V. |

Full Spectrum



## 9.04a\_g-mode\_ch11

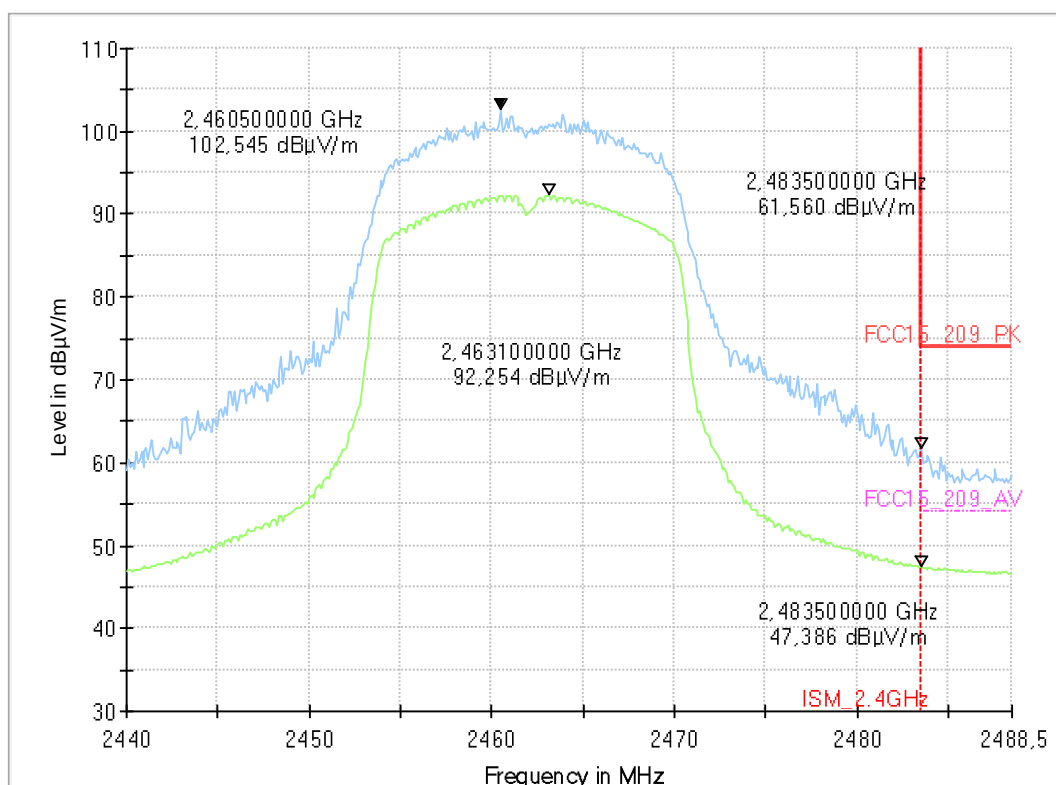
### Common Information

|                       |                                                                       |
|-----------------------|-----------------------------------------------------------------------|
| Test Description:     | Band-Edge: Radiated Field Strength Emissions Emissions in 3m distance |
| Test Site:            | Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0                        |
| Test Standard:        | FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5             |
| Antenna polarisation: | horizontal/vertical                                                   |
| Operating Mode:       | g-mode   12Mbit  ch11                                                 |
| Operator:             | TFra                                                                  |
| Comment:              | Channel no. high                                                      |
| EUT Setup:            | 1                                                                     |
| Verdict:              | Passed                                                                |

### EUT Information

|               |                            |
|---------------|----------------------------|
| PMT number:   | 20-1-00092S16_C01          |
| Manufacturer: | Prodrive Technologies B.V. |

Full Spectrum



## 9.05a\_n-mode\_ch01

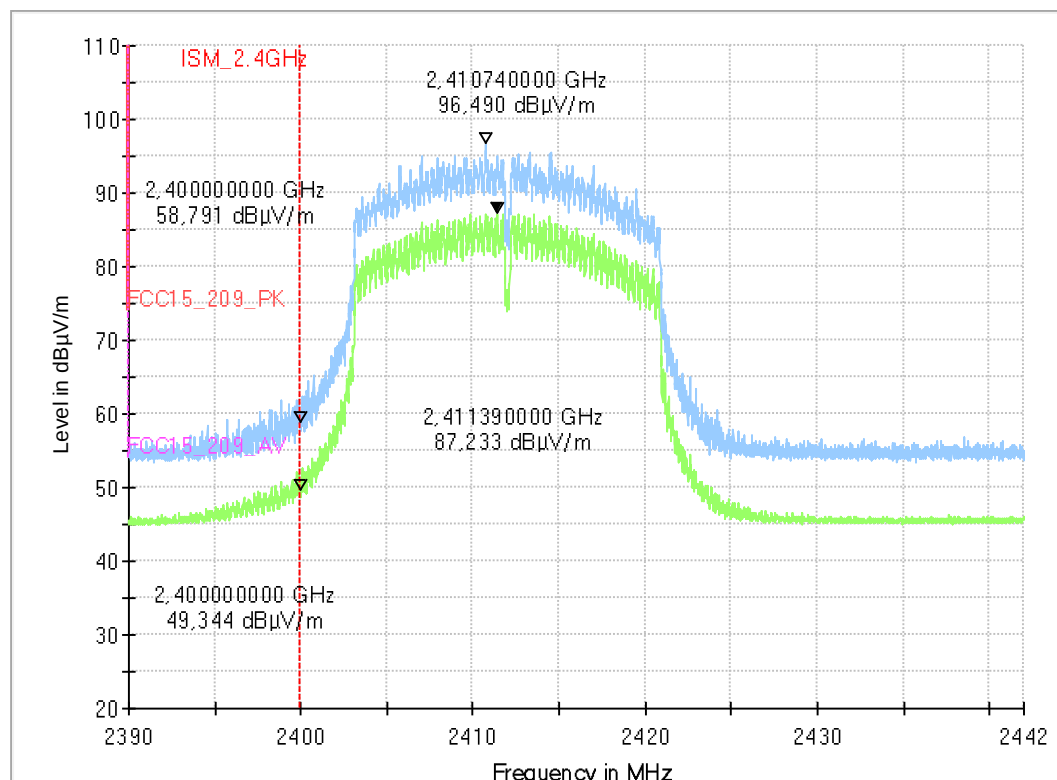
### Common Information

|                       |                                                                       |
|-----------------------|-----------------------------------------------------------------------|
| Test Description:     | Band-Edge: Radiated Field Strength Emissions Emissions in 3m distance |
| Test Site:            | Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0                        |
| Test Standard:        | FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5             |
| Antenna polarisation: | horizontal/vertical                                                   |
| Operating Mode:       | n-mode   HT20   MCS3  ch01                                            |
| Operator:             | TFra                                                                  |
| Comment:              | Channel no. low                                                       |
| EUT Setup:            | 1                                                                     |
| Verdict:              | Passed                                                                |

### EUT Information

|               |                            |
|---------------|----------------------------|
| PMT number:   | 20-1-00092S16_C01          |
| Manufacturer: | Prodrive Technologies B.V. |

Full Spectrum



## 9.06a\_n-mode\_ch11

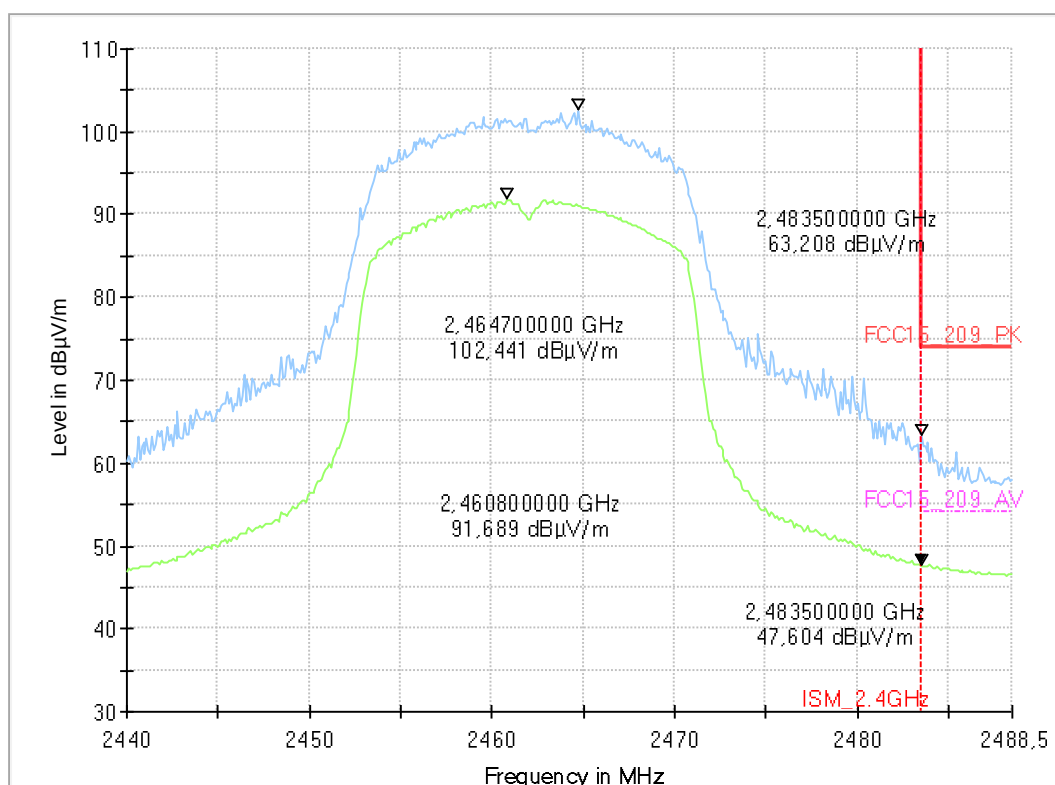
### Common Information

|                       |                                                                       |
|-----------------------|-----------------------------------------------------------------------|
| Test Description:     | Band-Edge: Radiated Field Strength Emissions Emissions in 3m distance |
| Test Site:            | Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0                        |
| Test Standard:        | FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5             |
| Antenna polarisation: | horizontal/vertical                                                   |
| Operating Mode:       | n-mode   HT20   MCS3  ch11                                            |
| Operator:             | TFra                                                                  |
| Comment:              | Channel no. high                                                      |
| EUT Setup:            | 1                                                                     |
| Verdict:              | Passed                                                                |

### EUT Information

|               |                            |
|---------------|----------------------------|
| PMT number:   | 20-1-00092S16_C01          |
| Manufacturer: | Prodrive Technologies B.V. |

Full Spectrum



## 1.2 Conducted measurements

### RF output power

| Mode                            | DUT Frequency | Gated RMS (dBm) | Limit Max (dBm) | Gated EIRP (dBm) | DutyCycle (%) | Result |
|---------------------------------|---------------|-----------------|-----------------|------------------|---------------|--------|
| b-mode[11MBps] (16,5; 2412MHz)  | 2412.0000     | 14.4            | 30.0            | 14.4             | 91.989        | PASS   |
| b-mode[11MBps] (16,5; 2437MHz)  | 2437.0000     | 14.9            | 30.0            | 14.9             | 91.988        | PASS   |
| b-mode[11MBps] (16,5; 2462MHz)  | 2462.0000     | 14.8            | 30.0            | 14.8             | 91.989        | PASS   |
| b-mode[1MBps] (16,5; 2412MHz)   | 2412.0000     | 14.1            | 30.0            | 14.1             | 98.417        | PASS   |
| b-mode[1MBps] (16,5; 2437MHz)   | 2437.0000     | 14.9            | 30.0            | 14.9             | 98.417        | PASS   |
| b-mode[1MBps] (16,5; 2462MHz)   | 2462.0000     | 14.8            | 30.0            | 14.8             | 98.417        | PASS   |
| b-mode[2MBps] (16,5; 2412MHz)   | 2412.0000     | 14.5            | 30.0            | 14.5             | 96.908        | PASS   |
| b-mode[2MBps] (16,5; 2437MHz)   | 2437.0000     | 14.7            | 30.0            | 14.7             | 98.333        | PASS   |
| b-mode[2MBps] (16,5; 2462MHz)   | 2462.0000     | 14.8            | 30.0            | 14.8             | 98.333        | PASS   |
| b-mode[5.5MBps] (16,5; 2412MHz) | 2412.0000     | 14.4            | 30.0            | 14.4             | 95.659        | PASS   |
| b-mode[5.5MBps] (16,5; 2437MHz) | 2437.0000     | 14.6            | 30.0            | 14.6             | 95.659        | PASS   |
| b-mode[5.5MBps] (16,5; 2462MHz) | 2462.0000     | 14.7            | 30.0            | 14.7             | 95.659        | PASS   |
|                                 |               |                 |                 |                  |               |        |
| g-mode[12MBps] (16,5; 2412MHz)  | 2412.0000     | 10.9            | 30.0            | 10.9             | 83.741        | PASS   |
| g-mode[12MBps] (16,5; 2437MHz)  | 2437.0000     | 13.1            | 30.0            | 13.1             | 83.740        | PASS   |
| g-mode[12MBps] (16,5; 2462MHz)  | 2462.0000     | 11.2            | 30.0            | 11.2             | 83.740        | PASS   |
| g-mode[18MBps] (16,5; 2412MHz)  | 2412.0000     | 11.0            | 30.0            | 11.0             | 77.518        | PASS   |
| g-mode[18MBps] (16,5; 2437MHz)  | 2437.0000     | 13.0            | 30.0            | 13.0             | 77.516        | PASS   |
| g-mode[18MBps] (16,5; 2462MHz)  | 2462.0000     | 11.2            | 30.0            | 11.2             | 77.518        | PASS   |
| g-mode[24MBps] (16,5; 2412MHz)  | 2412.0000     | 10.7            | 30.0            | 10.7             | 72.237        | PASS   |
| g-mode[24MBps] (16,5; 2437MHz)  | 2437.0000     | 12.8            | 30.0            | 12.8             | 72.235        | PASS   |
| g-mode[24MBps] (16,5; 2462MHz)  | 2462.0000     | 11.0            | 30.0            | 11.0             | 72.238        | PASS   |
| g-mode[36MBps] (16,5; 2412MHz)  | 2412.0000     | 10.9            | 30.0            | 10.9             | 63.721        | PASS   |
| g-mode[36MBps] (16,5; 2437MHz)  | 2437.0000     | 12.9            | 30.0            | 12.9             | 63.714        | PASS   |
| g-mode[36MBps] (16,5; 2462MHz)  | 2462.0000     | 11.1            | 30.0            | 11.1             | 63.722        | PASS   |
| g-mode[48MBps] (16,5; 2412MHz)  | 2412.0000     | 10.9            | 30.0            | 10.9             | 57.137        | PASS   |
| g-mode[48MBps] (16,5; 2437MHz)  | 2437.0000     | 13.0            | 30.0            | 13.0             | 57.134        | PASS   |
| g-mode[48MBps] (16,5; 2462MHz)  | 2462.0000     | 11.1            | 30.0            | 11.1             | 57.131        | PASS   |
| g-mode[54MBps] (16,5; 2412MHz)  | 2412.0000     | 10.9            | 30.0            | 10.9             | 54.378        | PASS   |
| g-mode[54MBps] (16,5; 2437MHz)  | 2437.0000     | 12.6            | 30.0            | 12.6             | 54.373        | PASS   |
| g-mode[54MBps] (16,5; 2462MHz)  | 2462.0000     | 11.1            | 30.0            | 11.1             | 54.378        | PASS   |
| g-mode[6MBps] (16,5; 2412MHz)   | 2412.0000     | 10.5            | 30.0            | 10.5             | 91.099        | PASS   |
| g-mode[6MBps] (16,5; 2437MHz)   | 2437.0000     | 12.9            | 30.0            | 12.9             | 91.098        | PASS   |
| g-mode[6MBps] (16,5; 2462MHz)   | 2462.0000     | 11.2            | 30.0            | 11.2             | 91.100        | PASS   |
| g-mode[9MBps] (16,5; 2412MHz)   | 2412.0000     | 10.9            | 30.0            | 10.9             | 87.245        | PASS   |
| g-mode[9MBps] (16,5; 2437MHz)   | 2437.0000     | 12.9            | 30.0            | 12.9             | 87.247        | PASS   |
| g-mode[9MBps] (16,5; 2462MHz)   | 2462.0000     | 11.3            | 30.0            | 11.3             | 87.248        | PASS   |
|                                 |               |                 |                 |                  |               |        |
| n-mode[MCS0] (16,5; 2412MHz)    | 2412.0000     | 11.1            | 30.0            | 11.1             | 90.487        | PASS   |
| n-mode[MCS0] (16,5; 2437MHz)    | 2437.0000     | 13.1            | 30.0            | 13.1             | 90.484        | PASS   |
| n-mode[MCS0] (16,5; 2462MHz)    | 2462.0000     | 11.3            | 30.0            | 11.3             | 90.486        | PASS   |
| n-mode[MCS1] (16,5; 2412MHz)    | 2412.0000     | 11.0            | 30.0            | 11.0             | 82.765        | PASS   |
| n-mode[MCS1] (16,5; 2437MHz)    | 2437.0000     | 13.1            | 30.0            | 13.1             | 82.766        | PASS   |
| n-mode[MCS1] (16,5; 2462MHz)    | 2462.0000     | 11.3            | 30.0            | 11.3             | 82.765        | PASS   |
| n-mode[MCS2] (16,5; 2412MHz)    | 2412.0000     | 11.1            | 30.0            | 11.1             | 76.421        | PASS   |
| n-mode[MCS2] (16,5; 2437MHz)    | 2437.0000     | 13.1            | 30.0            | 13.1             | 76.414        | PASS   |
| n-mode[MCS2] (16,5; 2462MHz)    | 2462.0000     | 11.3            | 30.0            | 11.3             | 76.413        | PASS   |
| n-mode[MCS3] (16,5; 2412MHz)    | 2412.0000     | 11.2            | 30.0            | 11.2             | 71.041        | PASS   |
| n-mode[MCS3] (16,5; 2437MHz)    | 2437.0000     | 13.1            | 30.0            | 13.1             | 71.041        | PASS   |
| n-mode[MCS3] (16,5; 2462MHz)    | 2462.0000     | 11.4            | 30.0            | 11.4             | 71.042        | PASS   |

|                              |           |      |      |      |        |      |
|------------------------------|-----------|------|------|------|--------|------|
| n-mode[MCS4] (16,5; 2412MHz) | 2412.0000 | 10.9 | 30.0 | 10.9 | 62.498 | PASS |
| n-mode[MCS4] (16,5; 2437MHz) | 2437.0000 | 12.9 | 30.0 | 12.9 | 62.508 | PASS |
| n-mode[MCS4] (16,5; 2462MHz) | 2462.0000 | 11.2 | 30.0 | 11.2 | 62.500 | PASS |
| n-mode[MCS5] (16,5; 2412MHz) | 2412.0000 | 11.1 | 30.0 | 11.1 | 56.020 | PASS |
| n-mode[MCS5] (16,5; 2437MHz) | 2437.0000 | 13.0 | 30.0 | 13.0 | 56.007 | PASS |
| n-mode[MCS5] (16,5; 2462MHz) | 2462.0000 | 11.2 | 30.0 | 11.2 | 56.010 | PASS |
| n-mode[MCS6] (16,5; 2412MHz) | 2412.0000 | 10.9 | 30.0 | 10.9 | 53.335 | PASS |
| n-mode[MCS6] (16,5; 2437MHz) | 2437.0000 | 12.7 | 30.0 | 12.7 | 53.323 | PASS |
| n-mode[MCS6] (16,5; 2462MHz) | 2462.0000 | 11.2 | 30.0 | 11.2 | 53.334 | PASS |
| n-mode[MCS7] (16,5; 2412MHz) | 2412.0000 | 10.9 | 30.0 | 10.9 | 51.020 | PASS |
| n-mode[MCS7] (16,5; 2437MHz) | 2437.0000 | 11.7 | 30.0 | 11.7 | 51.021 | PASS |
| n-mode[MCS7] (16,5; 2462MHz) | 2462.0000 | 11.2 | 30.0 | 11.2 | 51.017 | PASS |

**Minimum Emission Bandwidth 6 dB**

| Mode                           | DUT Frequency | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left | Band Edge Right |
|--------------------------------|---------------|-----------------|-----------------|-----------------|----------------|-----------------|
| b-mode[11MBps] (16,5; 2412MHz) | 2412.0000     | 10.550000       | 0.500000        | ---             | 2406.5750      | 2417.1250       |
| b-mode[11MBps] (16,5; 2437MHz) | 2437.0000     | 9.900000        | 0.500000        | ---             | 2431.9750      | 2441.8750       |
| b-mode[11MBps] (16,5; 2462MHz) | 2462.0000     | 10.550000       | 0.500000        | ---             | 2456.5750      | 2467.1250       |
| g-mode[12MBps] (16,5; 2412MHz) | 2412.0000     | 15.200000       | 0.500000        | ---             | 2404.3750      | 2419.5750       |
| g-mode[12MBps] (16,5; 2437MHz) | 2437.0000     | 15.200000       | 0.500000        | ---             | 2429.3750      | 2444.5750       |
| g-mode[12MBps] (16,5; 2462MHz) | 2462.0000     | 15.200000       | 0.500000        | ---             | 2454.3750      | 2469.5750       |
| n-mode[MCS3] (16,5; 2412MHz)   | 2412.0000     | 15.750000       | 0.500000        | ---             | 2404.1250      | 2419.8750       |
| n-mode[MCS3] (16,5; 2437MHz)   | 2437.0000     | 15.500000       | 0.500000        | ---             | 2429.3750      | 2444.8750       |
| n-mode[MCS3] (16,5; 2462MHz)   | 2462.0000     | 15.550000       | 0.500000        | ---             | 2454.0750      | 2469.6250       |

**Power Spectral Density**

| Mode                           | DUT Frequency | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|--------------------------------|---------------|-----------------|-----------|-----------------|--------|
| b-mode[11MBps] (16,5; 2412MHz) | 2412.000000   | 2411.375000     | 2.071     | 8.0             | PASS   |
| b-mode[11MBps] (16,5; 2437MHz) | 2437.000000   | 2438.025000     | 2.545     | 8.0             | PASS   |
| b-mode[11MBps] (16,5; 2462MHz) | 2462.000000   | 2463.325000     | 2.160     | 8.0             | PASS   |
| g-mode[12MBps] (16,5; 2412MHz) | 2412.000000   | 2411.025000     | -4.391    | 8.0             | PASS   |
| g-mode[12MBps] (16,5; 2437MHz) | 2437.000000   | 2435.775000     | -2.425    | 8.0             | PASS   |
| g-mode[12MBps] (16,5; 2462MHz) | 2462.000000   | 2466.975000     | -4.633    | 8.0             | PASS   |
| n-mode[MCS3] (16,5; 2412MHz)   | 2412.000000   | 2414.475000     | -3.742    | 8.0             | PASS   |
| n-mode[MCS3] (16,5; 2437MHz)   | 2437.000000   | 2438.275000     | -1.195    | 8.0             | PASS   |
| n-mode[MCS3] (16,5; 2462MHz)   | 2462.000000   | 2460.725000     | -8.358    | 8.0             | PASS   |

**Occupied Channel Bandwidth 99%**

| Mode                           | DUT Frequency | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left | Band Edge Right |
|--------------------------------|---------------|-----------------|-----------------|-----------------|----------------|-----------------|
| b-mode[11MBps] (16,5; 2412MHz) | 2412.0000     | 14.600000       | ---             | ---             | 2404.7500      | 2419.3500       |
| b-mode[11MBps] (16,5; 2437MHz) | 2437.0000     | 14.600000       | ---             | ---             | 2429.7500      | 2444.3500       |
| b-mode[11MBps] (16,5; 2462MHz) | 2462.0000     | 14.600000       | ---             | ---             | 2454.7500      | 2469.3500       |
| g-mode[12MBps] (16,5; 2412MHz) | 2412.0000     | 16.300000       | ---             | ---             | 2403.8500      | 2420.1500       |
| g-mode[12MBps] (16,5; 2437MHz) | 2437.0000     | 16.500000       | ---             | ---             | 2428.7500      | 2445.2500       |
| g-mode[12MBps] (16,5; 2462MHz) | 2462.0000     | 16.300000       | ---             | ---             | 2453.8500      | 2470.1500       |
| n-mode[MCS3] (16,5; 2412MHz)   | 2412.0000     | 17.500000       | ---             | ---             | 2403.2500      | 2420.7500       |
| n-mode[MCS3] (16,5; 2437MHz)   | 2437.0000     | 17.700000       | ---             | ---             | 2428.1500      | 2445.8500       |
| n-mode[MCS3] (16,5; 2462MHz)   | 2462.0000     | 17.500000       | ---             | ---             | 2453.2500      | 2470.7500       |

**Tx Spurious Emission**

| Mode                           | DUT Frequency (MHz) | Result |
|--------------------------------|---------------------|--------|
| b-mode[11MBps] (16,5; 2412MHz) | 2412.000000         | PASS   |
| b-mode[11MBps] (16,5; 2437MHz) | 2437.000000         | PASS   |
| b-mode[11MBps] (16,5; 2462MHz) | 2462.000000         | PASS   |
| g-mode[12MBps] (16,5; 2412MHz) | 2412.000000         | PASS   |
| g-mode[12MBps] (16,5; 2437MHz) | 2437.000000         | PASS   |
| g-mode[12MBps] (16,5; 2462MHz) | 2462.000000         | PASS   |
| n-mode[MCS3] (16,5; 2412MHz)   | 2412.000000         | PASS   |
| n-mode[MCS3] (16,5; 2437MHz)   | 2437.000000         | PASS   |
| n-mode[MCS3] (16,5; 2462MHz)   | 2462.000000         | PASS   |

## Minimum Emission Bandwidth 6 dB (2412 MHz; b-mode[11MBps] (16,5 dBm); 20 MHz)

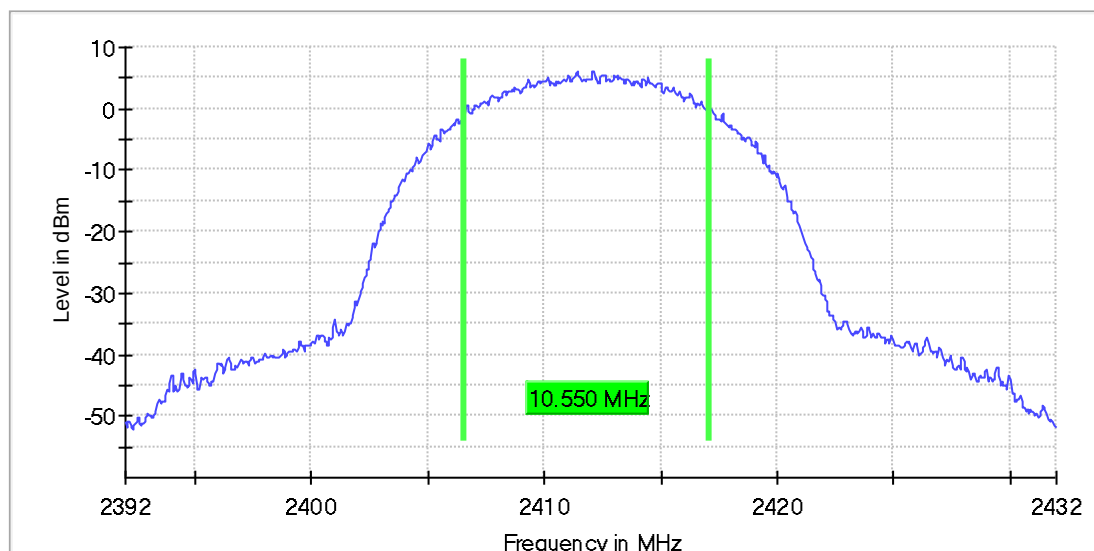
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

### 6 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2412.000000         | 10.550000       | 0.500000        | ---             | 2406.575000          | 2417.125000           |

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

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 2412.000000         | 6.2             | PASS   |



### Measurement

| Setting               | Instrument Value | Target Value  |
|-----------------------|------------------|---------------|
| Start Frequency       | 2.39200 GHz      | 2.39200 GHz   |
| Stop Frequency        | 2.43200 GHz      | 2.43200 GHz   |
| Span                  | 40.000 MHz       | 40.000 MHz    |
| RBW                   | 100.000 kHz      | ~ 100.000 kHz |
| VBW                   | 300.000 kHz      | ~ 300.000 kHz |
| SweepPoints           | 800              | ~ 800         |
| SweepTime             | 1.000 ms         | AUTO          |
| Reference Level       | 10.000 dBm       | 10.000 dBm    |
| Attenuation           | 20.000 dB        | AUTO          |
| Detector              | MaxPeak          | MaxPeak       |
| SweepCount            | 100              | 100           |
| Filter                | 3 dB             | 3 dB          |
| Trace Mode            | Max Hold         | Max Hold      |
| SweepType             | Sweep            | AUTO          |
| Preamp                | off              | off           |
| Stablemode            | Trace            | Trace         |
| Stablevalue           | 0.50 dB          | 0.50 dB       |
| Run                   | 73 / max. 150    | max. 150      |
| Stable                | 5 / 5            | 5             |
| Max Stable Difference | 0.03 dB          | 0.50 dB       |

## Minimum Emission Bandwidth 6 dB (2437 MHz; b-mode[11MBps] (16,5 dBm); 20 MHz)

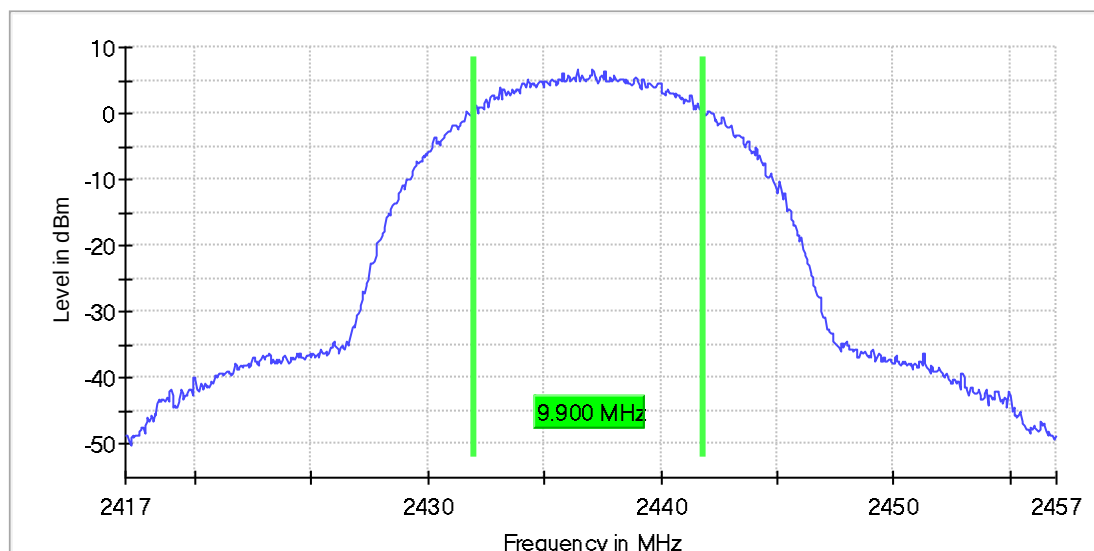
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

### 6 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2437.000000         | 9.900000        | 0.500000        | ---             | 2431.975000          | 2441.875000           |

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

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 2437.000000         | 6.6             | PASS   |



### Measurement

| Setting               | Instrument Value | Target Value  |
|-----------------------|------------------|---------------|
| Start Frequency       | 2.41700 GHz      | 2.41700 GHz   |
| Stop Frequency        | 2.45700 GHz      | 2.45700 GHz   |
| Span                  | 40.000 MHz       | 40.000 MHz    |
| RBW                   | 100.000 kHz      | ~ 100.000 kHz |
| VBW                   | 300.000 kHz      | ~ 300.000 kHz |
| SweepPoints           | 800              | ~ 800         |
| SweepTime             | 1.000 ms         | AUTO          |
| Reference Level       | 10.000 dBm       | 10.000 dBm    |
| Attenuation           | 20.000 dB        | AUTO          |
| Detector              | MaxPeak          | MaxPeak       |
| SweepCount            | 100              | 100           |
| Filter                | 3 dB             | 3 dB          |
| Trace Mode            | Max Hold         | Max Hold      |
| SweepType             | Sweep            | AUTO          |
| Preamp                | off              | off           |
| Stablemode            | Trace            | Trace         |
| Stablevalue           | 0.50 dB          | 0.50 dB       |
| Run                   | 70 / max. 150    | max. 150      |
| Stable                | 5 / 5            | 5             |
| Max Stable Difference | 0.48 dB          | 0.50 dB       |

## Minimum Emission Bandwidth 6 dB (2462 MHz; b-mode[11Mbps] (16,5 dBm); 20 MHz)

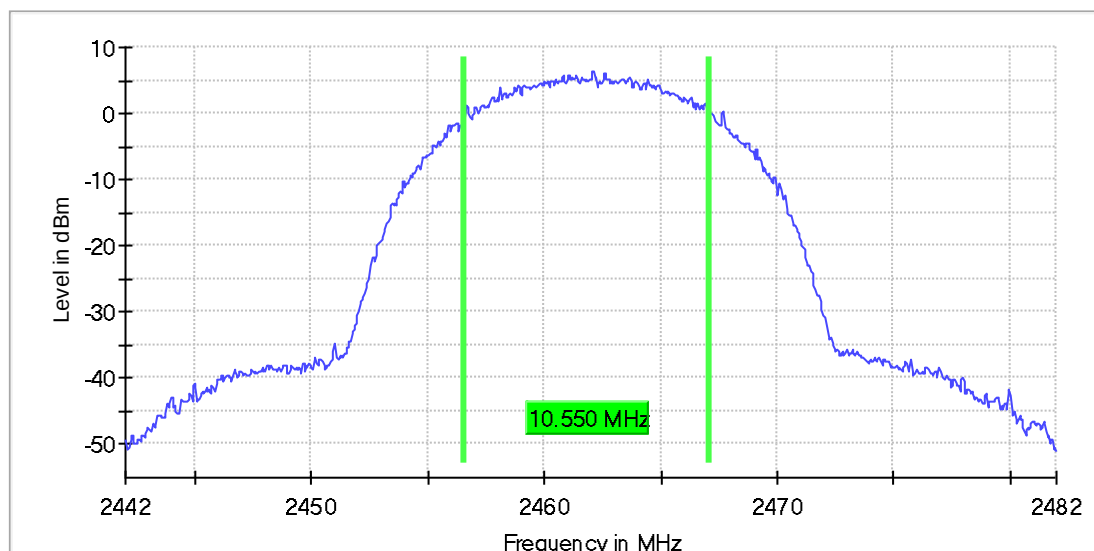
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

### 6 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2462.000000         | 10.550000       | 0.500000        | ---             | 2456.575000          | 2467.125000           |

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

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 2462.000000         | 6.4             | PASS   |



### Measurement

| Setting               | Instrument Value | Target Value  |
|-----------------------|------------------|---------------|
| Start Frequency       | 2.44200 GHz      | 2.44200 GHz   |
| Stop Frequency        | 2.48200 GHz      | 2.48200 GHz   |
| Span                  | 40.000 MHz       | 40.000 MHz    |
| RBW                   | 100.000 kHz      | ~ 100.000 kHz |
| VBW                   | 300.000 kHz      | ~ 300.000 kHz |
| SweepPoints           | 800              | ~ 800         |
| SweepTime             | 1.000 ms         | AUTO          |
| Reference Level       | 10.000 dBm       | 10.000 dBm    |
| Attenuation           | 20.000 dB        | AUTO          |
| Detector              | MaxPeak          | MaxPeak       |
| SweepCount            | 100              | 100           |
| Filter                | 3 dB             | 3 dB          |
| Trace Mode            | Max Hold         | Max Hold      |
| SweepType             | Sweep            | AUTO          |
| Preamp                | off              | off           |
| Stablemode            | Trace            | Trace         |
| Stablevalue           | 0.50 dB          | 0.50 dB       |
| Run                   | 73 / max. 150    | max. 150      |
| Stable                | 5 / 5            | 5             |
| Max Stable Difference | 0.08 dB          | 0.50 dB       |

## Minimum Emission Bandwidth 6 dB (2412 MHz; g-mode[12MBps] (16,5 dBm); 20 MHz)

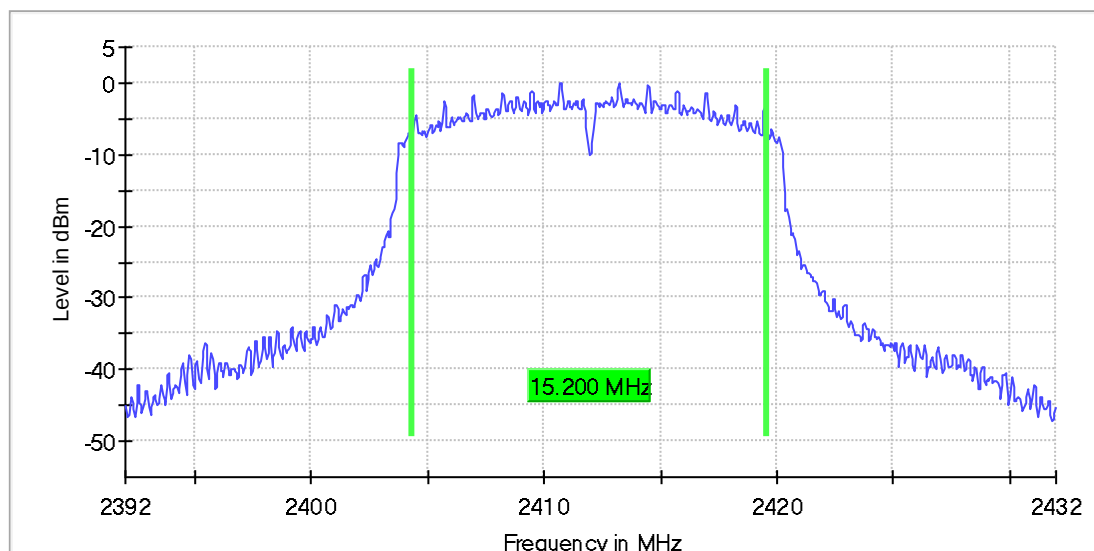
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

### 6 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2412.000000         | 15.200000       | 0.500000        | ---             | 2404.375000          | 2419.575000           |

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

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 2412.000000         | 0.0             | PASS   |



### Measurement

| Setting               | Instrument Value | Target Value  |
|-----------------------|------------------|---------------|
| Start Frequency       | 2.39200 GHz      | 2.39200 GHz   |
| Stop Frequency        | 2.43200 GHz      | 2.43200 GHz   |
| Span                  | 40.000 MHz       | 40.000 MHz    |
| RBW                   | 100.000 kHz      | ~ 100.000 kHz |
| VBW                   | 300.000 kHz      | ~ 300.000 kHz |
| SweepPoints           | 800              | ~ 800         |
| SweepTime             | 1.000 ms         | AUTO          |
| Reference Level       | 0.000 dBm        | 0.000 dBm     |
| Attenuation           | 10.000 dB        | AUTO          |
| Detector              | MaxPeak          | MaxPeak       |
| SweepCount            | 100              | 100           |
| Filter                | 3 dB             | 3 dB          |
| Trace Mode            | Max Hold         | Max Hold      |
| SweepType             | Sweep            | AUTO          |
| Preamp                | off              | off           |
| Stablemode            | Trace            | Trace         |
| Stablevalue           | 0.50 dB          | 0.50 dB       |
| Run                   | 55 / max. 150    | max. 150      |
| Stable                | 5 / 5            | 5             |
| Max Stable Difference | 0.32 dB          | 0.50 dB       |

## Minimum Emission Bandwidth 6 dB (2437 MHz; g-mode[12MBps] (16,5 dBm); 20 MHz)

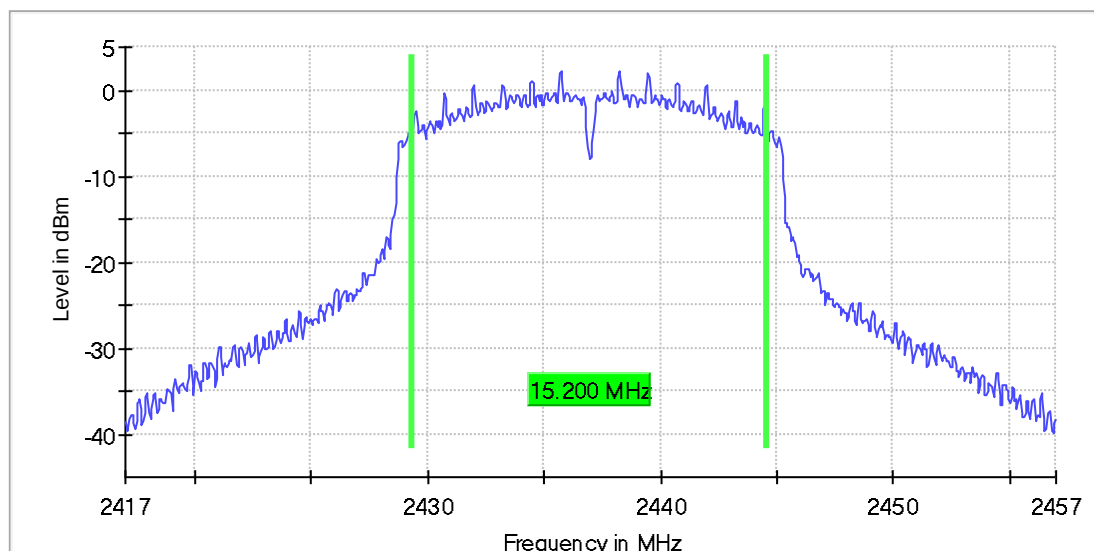
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

### 6 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2437.000000         | 15.200000       | 0.500000        | ---             | 2429.375000          | 2444.575000           |

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

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 2437.000000         | 2.2             | PASS   |



### Measurement

| Setting               | Instrument Value | Target Value  |
|-----------------------|------------------|---------------|
| Start Frequency       | 2.41700 GHz      | 2.41700 GHz   |
| Stop Frequency        | 2.45700 GHz      | 2.45700 GHz   |
| Span                  | 40.000 MHz       | 40.000 MHz    |
| RBW                   | 100.000 kHz      | ~ 100.000 kHz |
| VBW                   | 300.000 kHz      | ~ 300.000 kHz |
| SweepPoints           | 800              | ~ 800         |
| SweepTime             | 1.000 ms         | AUTO          |
| Reference Level       | 0.000 dBm        | 0.000 dBm     |
| Attenuation           | 10.000 dB        | AUTO          |
| Detector              | MaxPeak          | MaxPeak       |
| SweepCount            | 100              | 100           |
| Filter                | 3 dB             | 3 dB          |
| Trace Mode            | Max Hold         | Max Hold      |
| SweepType             | Sweep            | AUTO          |
| Preamp                | off              | off           |
| Stablemode            | Trace            | Trace         |
| Stablevalue           | 0.50 dB          | 0.50 dB       |
| Run                   | 44 / max. 150    | max. 150      |
| Stable                | 5 / 5            | 5             |
| Max Stable Difference | 0.27 dB          | 0.50 dB       |

## Minimum Emission Bandwidth 6 dB (2462 MHz; g-mode[12MBps] (16,5 dBm); 20 MHz)

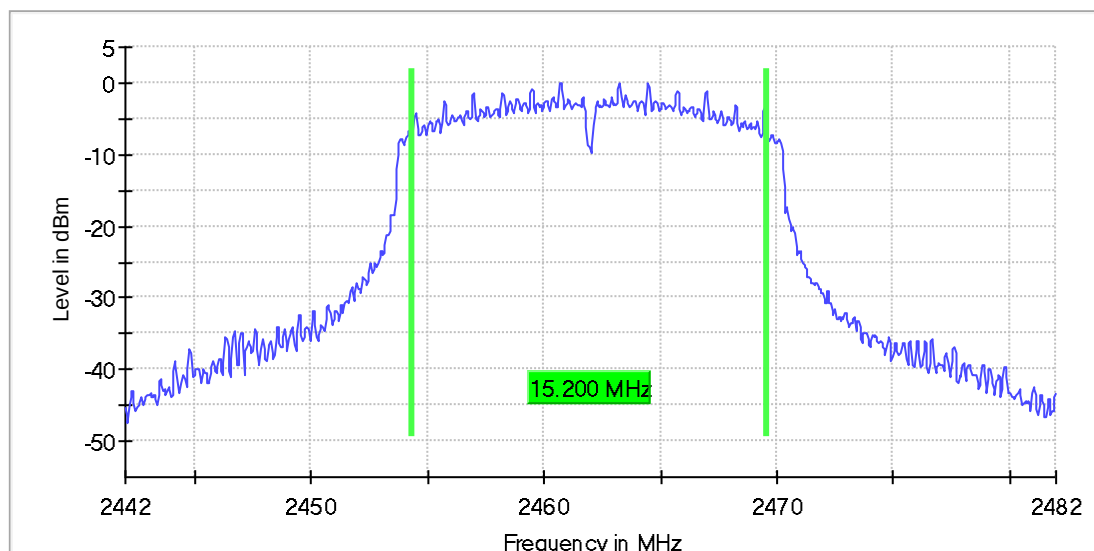
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

### 6 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2462.000000         | 15.200000       | 0.500000        | ---             | 2454.375000          | 2469.575000           |

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

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 2462.000000         | 0.1             | PASS   |



### Measurement

| Setting               | Instrument Value | Target Value  |
|-----------------------|------------------|---------------|
| Start Frequency       | 2.44200 GHz      | 2.44200 GHz   |
| Stop Frequency        | 2.48200 GHz      | 2.48200 GHz   |
| Span                  | 40.000 MHz       | 40.000 MHz    |
| RBW                   | 100.000 kHz      | ~ 100.000 kHz |
| VBW                   | 300.000 kHz      | ~ 300.000 kHz |
| SweepPoints           | 800              | ~ 800         |
| SweepTime             | 1.000 ms         | AUTO          |
| Reference Level       | 0.000 dBm        | 0.000 dBm     |
| Attenuation           | 10.000 dB        | AUTO          |
| Detector              | MaxPeak          | MaxPeak       |
| SweepCount            | 100              | 100           |
| Filter                | 3 dB             | 3 dB          |
| Trace Mode            | Max Hold         | Max Hold      |
| SweepType             | Sweep            | AUTO          |
| Preamp                | off              | off           |
| Stablemode            | Trace            | Trace         |
| Stablevalue           | 0.50 dB          | 0.50 dB       |
| Run                   | 56 / max. 150    | max. 150      |
| Stable                | 5 / 5            | 5             |
| Max Stable Difference | 0.24 dB          | 0.50 dB       |

## Minimum Emission Bandwidth 6 dB (2412 MHz; n-mode[MCS3] (16,5 dBm); 20 MHz)

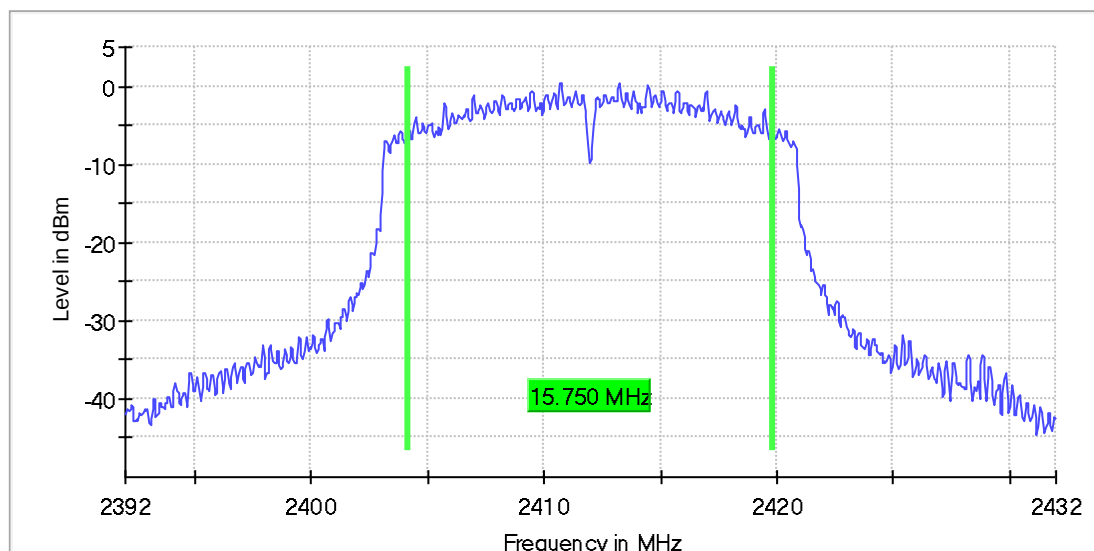
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

### 6 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2412.000000         | 15.750000       | 0.500000        | ---             | 2404.125000          | 2419.875000           |

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

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 2412.000000         | 0.5             | PASS   |



### Measurement

| Setting               | Instrument Value | Target Value  |
|-----------------------|------------------|---------------|
| Start Frequency       | 2.39200 GHz      | 2.39200 GHz   |
| Stop Frequency        | 2.43200 GHz      | 2.43200 GHz   |
| Span                  | 40.000 MHz       | 40.000 MHz    |
| RBW                   | 100.000 kHz      | ~ 100.000 kHz |
| VBW                   | 300.000 kHz      | ~ 300.000 kHz |
| SweepPoints           | 800              | ~ 800         |
| SweepTime             | 1.000 ms         | AUTO          |
| Reference Level       | 0.000 dBm        | 0.000 dBm     |
| Attenuation           | 10.000 dB        | AUTO          |
| Detector              | MaxPeak          | MaxPeak       |
| SweepCount            | 100              | 100           |
| Filter                | 3 dB             | 3 dB          |
| Trace Mode            | Max Hold         | Max Hold      |
| SweepType             | Sweep            | AUTO          |
| Preamp                | off              | off           |
| Stablemode            | Trace            | Trace         |
| Stablevalue           | 0.50 dB          | 0.50 dB       |
| Run                   | 101 / max. 150   | max. 150      |
| Stable                | 5 / 5            | 5             |
| Max Stable Difference | 0.15 dB          | 0.50 dB       |

## Minimum Emission Bandwidth 6 dB (2437 MHz; n-mode[MCS3] (16,5 dBm); 20 MHz)

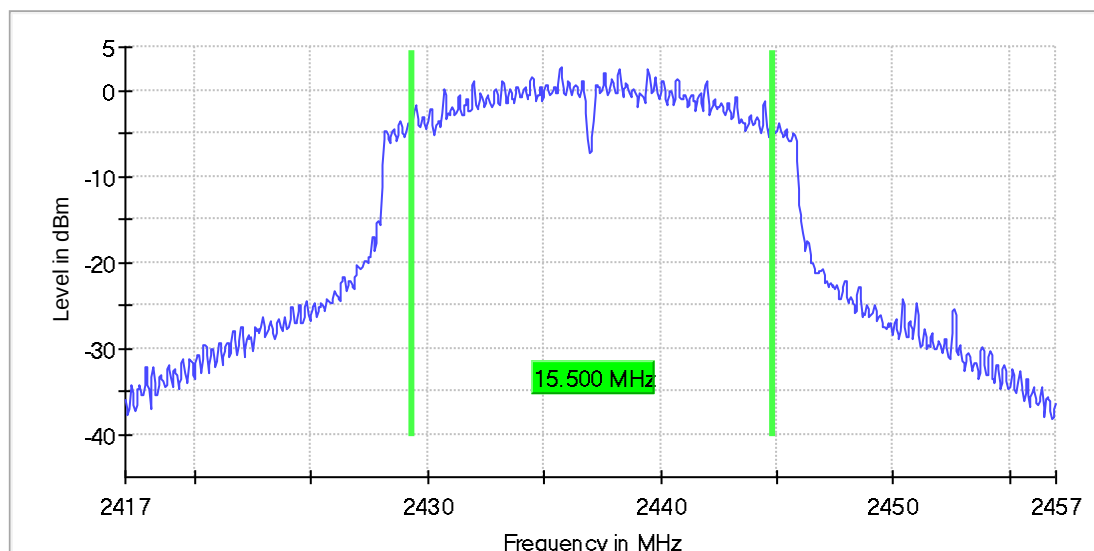
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

### 6 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2437.000000         | 15.500000       | 0.500000        | ---             | 2429.375000          | 2444.875000           |

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

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 2437.000000         | 2.6             | PASS   |



### Measurement

| Setting               | Instrument Value | Target Value  |
|-----------------------|------------------|---------------|
| Start Frequency       | 2.41700 GHz      | 2.41700 GHz   |
| Stop Frequency        | 2.45700 GHz      | 2.45700 GHz   |
| Span                  | 40.000 MHz       | 40.000 MHz    |
| RBW                   | 100.000 kHz      | ~ 100.000 kHz |
| VBW                   | 300.000 kHz      | ~ 300.000 kHz |
| SweepPoints           | 800              | ~ 800         |
| SweepTime             | 1.000 ms         | AUTO          |
| Reference Level       | 0.000 dBm        | 0.000 dBm     |
| Attenuation           | 10.000 dB        | AUTO          |
| Detector              | MaxPeak          | MaxPeak       |
| SweepCount            | 100              | 100           |
| Filter                | 3 dB             | 3 dB          |
| Trace Mode            | Max Hold         | Max Hold      |
| SweepType             | Sweep            | AUTO          |
| Preamp                | off              | off           |
| Stablemode            | Trace            | Trace         |
| Stablevalue           | 0.50 dB          | 0.50 dB       |
| Run                   | 59 / max. 150    | max. 150      |
| Stable                | 5 / 5            | 5             |
| Max Stable Difference | 0.41 dB          | 0.50 dB       |

## Minimum Emission Bandwidth 6 dB (2462 MHz; n-mode[MCS3] (16,5 dBm); 20 MHz)

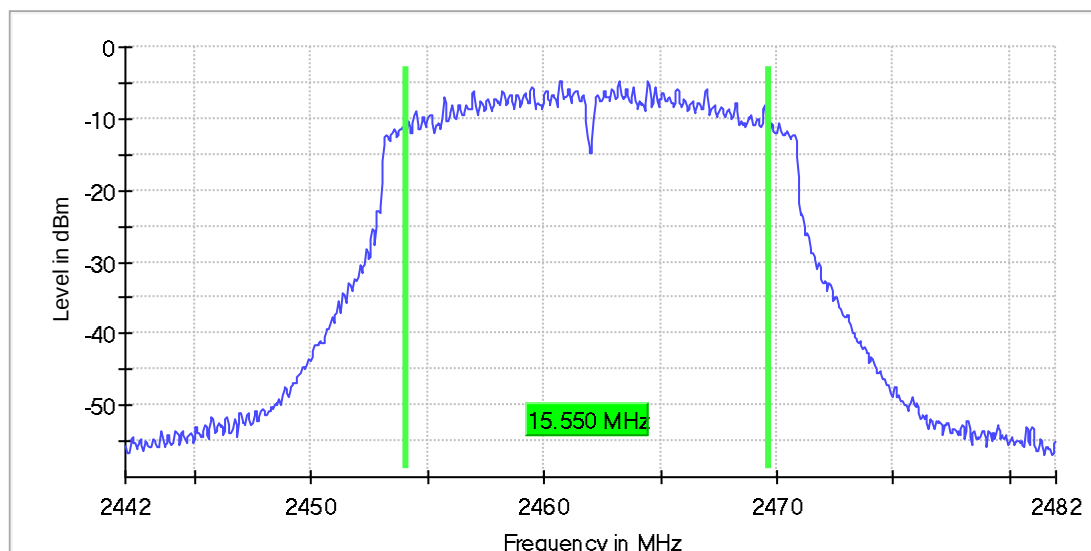
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

### 6 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2462.000000         | 15.550000       | 0.500000        | ---             | 2454.075000          | 2469.625000           |

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

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 2462.000000         | -4.7            | PASS   |



### Measurement

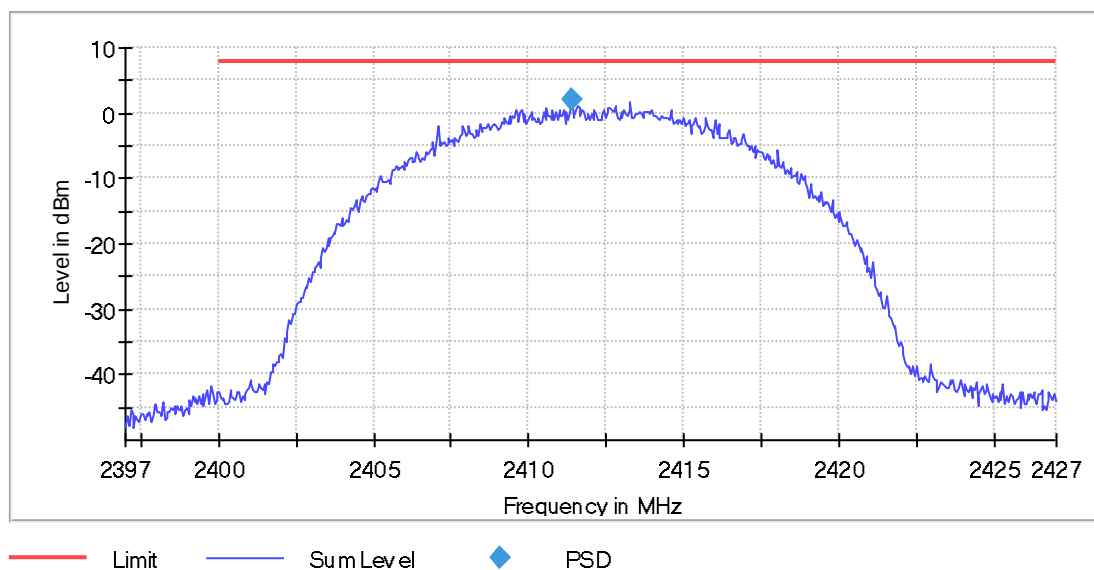
| Setting               | Instrument Value | Target Value  |
|-----------------------|------------------|---------------|
| Start Frequency       | 2.44200 GHz      | 2.44200 GHz   |
| Stop Frequency        | 2.48200 GHz      | 2.48200 GHz   |
| Span                  | 40.000 MHz       | 40.000 MHz    |
| RBW                   | 100.000 kHz      | ~ 100.000 kHz |
| VBW                   | 300.000 kHz      | ~ 300.000 kHz |
| SweepPoints           | 800              | ~ 800         |
| SweepTime             | 1.000 ms         | AUTO          |
| Reference Level       | 0.000 dBm        | 0.000 dBm     |
| Attenuation           | 10.000 dB        | AUTO          |
| Detector              | MaxPeak          | MaxPeak       |
| SweepCount            | 100              | 100           |
| Filter                | 3 dB             | 3 dB          |
| Trace Mode            | Max Hold         | Max Hold      |
| SweepType             | Sweep            | AUTO          |
| Preamp                | off              | off           |
| Stablemode            | Trace            | Trace         |
| Stablevalue           | 0.50 dB          | 0.50 dB       |
| Run                   | 83 / max. 150    | max. 150      |
| Stable                | 5 / 5            | 5             |
| Max Stable Difference | 0.11 dB          | 0.50 dB       |

## Power Spectral Density (2412 MHz; b-mode[11Mbps] (16,5 dBm); 20 MHz)

Test according to FCC title 47 part 15 §15.247(a),(e), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

### Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 2412.000000         | 2411.375000     | 2.071     | 8.0             | PASS   |



### Measurement

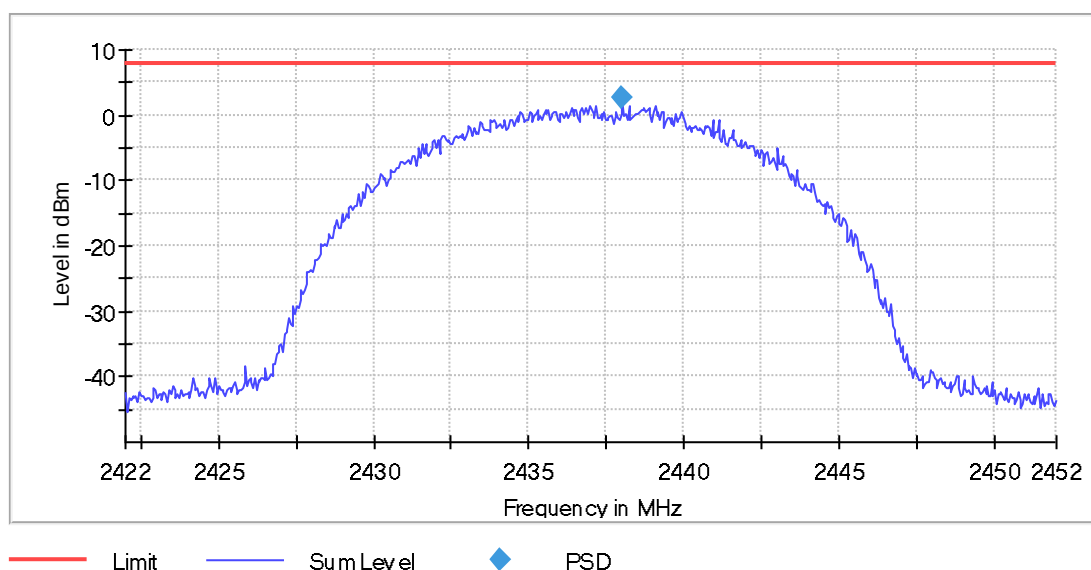
| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| Start Frequency       | 2.39700 GHz      | 2.39700 GHz    |
| Stop Frequency        | 2.42700 GHz      | 2.42700 GHz    |
| Span                  | 30.000 MHz       | 30.000 MHz     |
| RBW                   | 100.000 kHz      | <= 100.000 kHz |
| VBW                   | 300.000 kHz      | >= 300.000 kHz |
| SweepPoints           | 600              | ~ 600          |
| Sweeptime             | 12.000 ms        | 12.000 ms      |
| Reference Level       | 10.000 dBm       | 10.000 dBm     |
| Attenuation           | 20.000 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                   | 95 / max. 150    | max. 150       |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.41 dB          | 0.50 dB        |

## Power Spectral Density (2437 MHz; b-mode[11Mbps] (16,5 dBm); 20 MHz)

Test according to FCC title 47 part 15 §15.247(a),(e), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

### Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 2437.000000         | 2438.025000     | 2.545     | 8.0             | PASS   |



### Measurement

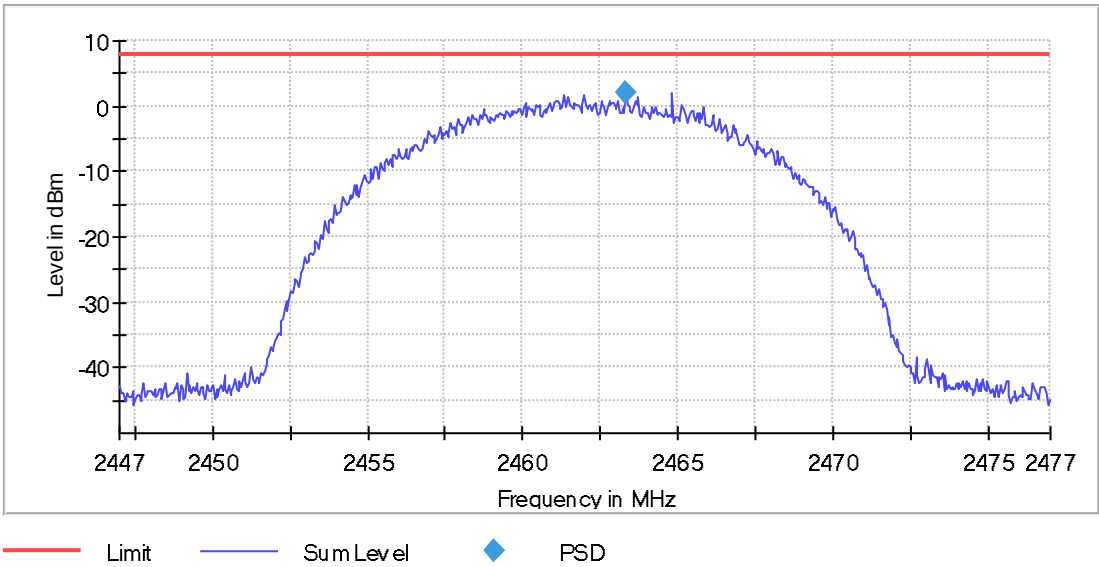
| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| Start Frequency       | 2.42200 GHz      | 2.42200 GHz    |
| Stop Frequency        | 2.45200 GHz      | 2.45200 GHz    |
| Span                  | 30.000 MHz       | 30.000 MHz     |
| RBW                   | 100.000 kHz      | <= 100.000 kHz |
| VBW                   | 300.000 kHz      | >= 300.000 kHz |
| SweepPoints           | 600              | ~ 600          |
| Sweeptime             | 12.000 ms        | 12.000 ms      |
| Reference Level       | 10.000 dBm       | 10.000 dBm     |
| Attenuation           | 20.000 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                   | 78 / max. 150    | max. 150       |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.00 dB          | 0.50 dB        |

Power Spectral Density (2462 MHz; b-mode[11Mbps] (16,5 dBm); 20 MHz)

Test according to FCC title 47 part 15 §15.247(a),(e), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 2462.000000         | 2463.325000     | 2.160     | 8.0             | PASS   |



Measurement

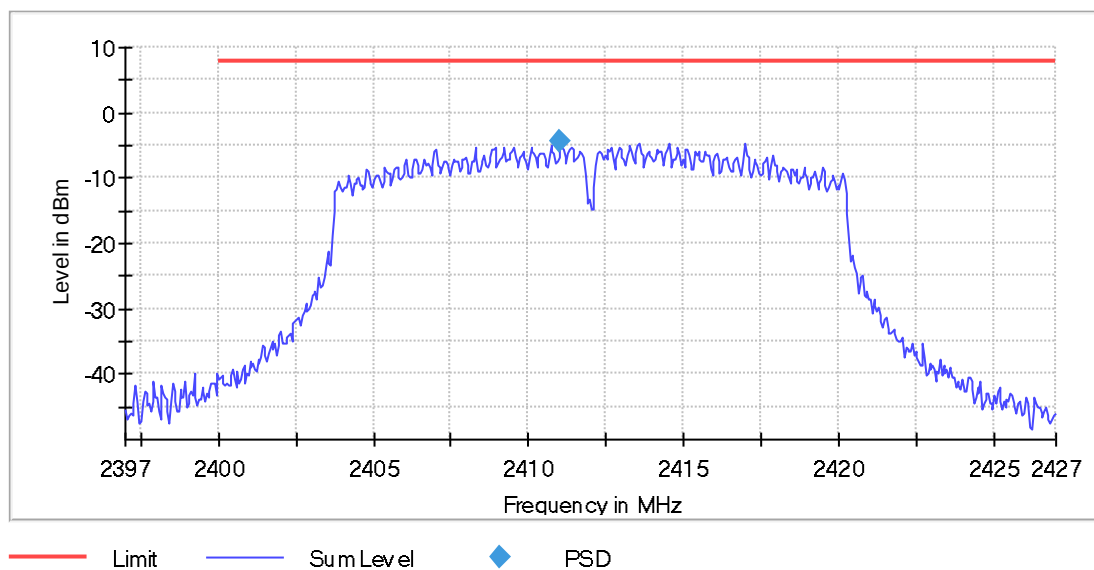
| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| Start Frequency       | 2.44700 GHz      | 2.44700 GHz    |
| Stop Frequency        | 2.47700 GHz      | 2.47700 GHz    |
| Span                  | 30.000 MHz       | 30.000 MHz     |
| RBW                   | 100.000 kHz      | <= 100.000 kHz |
| VBW                   | 300.000 kHz      | >= 300.000 kHz |
| SweepPoints           | 600              | ~ 600          |
| Sweeptime             | 12.000 ms        | 12.000 ms      |
| Reference Level       | 10.000 dBm       | 10.000 dBm     |
| Attenuation           | 20.000 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                   | 75 / max. 150    | max. 150       |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.24 dB          | 0.50 dB        |

## Power Spectral Density (2412 MHz; g-mode[12MBps] (16,5 dBm); 20 MHz)

Test according to FCC title 47 part 15 §15.247(a),(e), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

### Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 2412.000000         | 2411.025000     | -4.391    | 8.0             | PASS   |



### Measurement

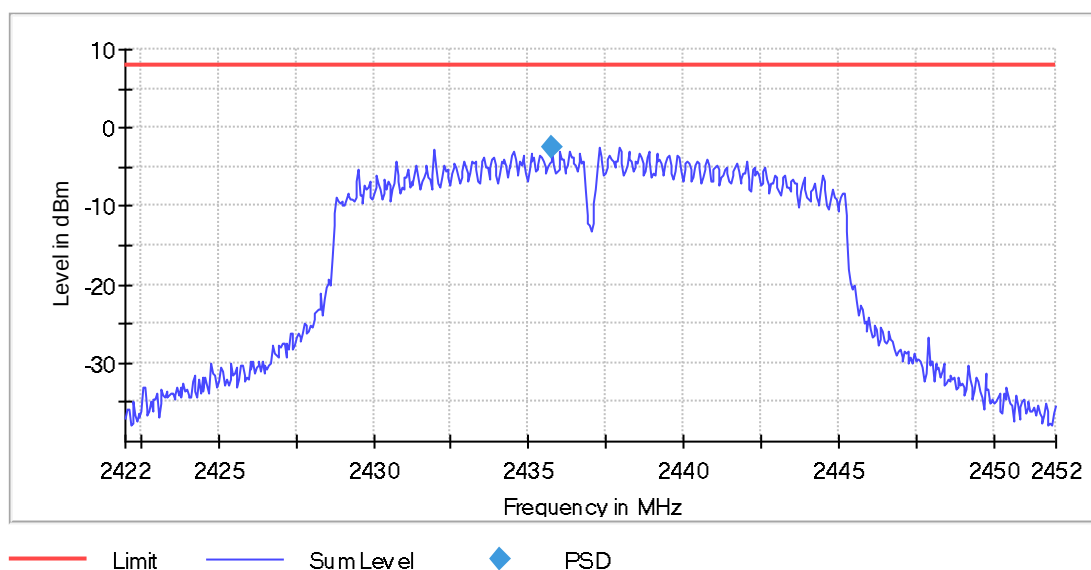
| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| Start Frequency       | 2.39700 GHz      | 2.39700 GHz    |
| Stop Frequency        | 2.42700 GHz      | 2.42700 GHz    |
| Span                  | 30.000 MHz       | 30.000 MHz     |
| RBW                   | 100.000 kHz      | <= 100.000 kHz |
| VBW                   | 300.000 kHz      | >= 300.000 kHz |
| SweepPoints           | 600              | ~ 600          |
| Sweeptime             | 12.000 ms        | 12.000 ms      |
| Reference Level       | 0.000 dBm        | 0.000 dBm      |
| Attenuation           | 10.000 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                   | 94 / max. 150    | max. 150       |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.22 dB          | 0.50 dB        |

## Power Spectral Density (2437 MHz; g-mode[12Mbps] (16,5 dBm); 20 MHz)

Test according to FCC title 47 part 15 §15.247(a),(e), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

### Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 2437.000000         | 2435.775000     | -2.425    | 8.0             | PASS   |



### Measurement

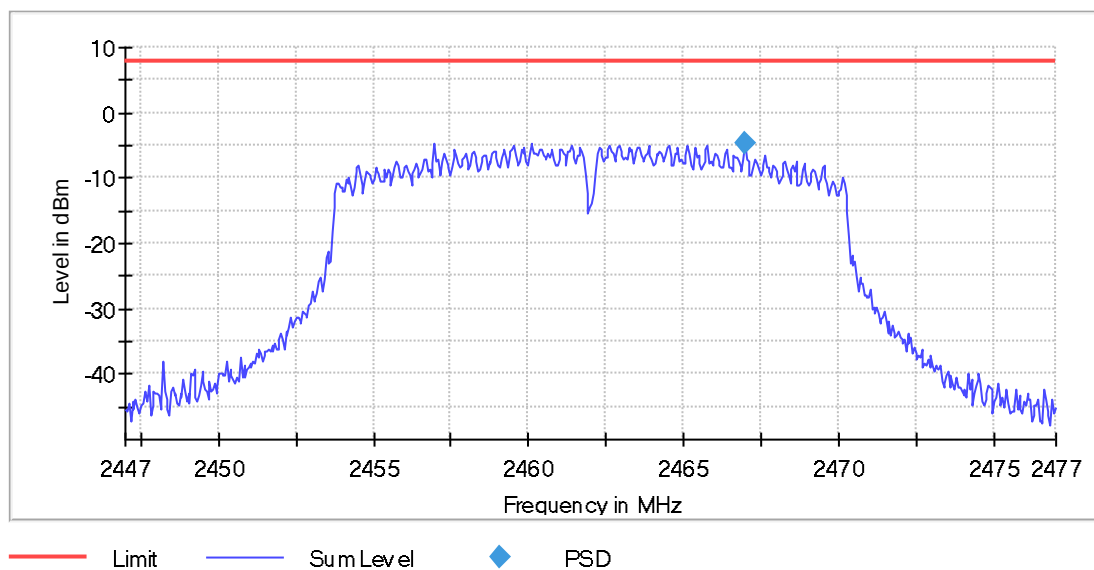
| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| Start Frequency       | 2.42200 GHz      | 2.42200 GHz    |
| Stop Frequency        | 2.45200 GHz      | 2.45200 GHz    |
| Span                  | 30.000 MHz       | 30.000 MHz     |
| RBW                   | 100.000 kHz      | <= 100.000 kHz |
| VBW                   | 300.000 kHz      | >= 300.000 kHz |
| SweepPoints           | 600              | ~ 600          |
| SweepTime             | 12.000 ms        | 12.000 ms      |
| Reference Level       | 0.000 dBm        | 0.000 dBm      |
| Attenuation           | 10.000 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                   | 96 / max. 150    | max. 150       |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.10 dB          | 0.50 dB        |

## Power Spectral Density (2462 MHz; g-mode[12Mbps] (16,5 dBm); 20 MHz)

Test according to FCC title 47 part 15 §15.247(a),(e), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

### Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 2462.000000         | 2466.975000     | -4.633    | 8.0             | PASS   |



### Measurement

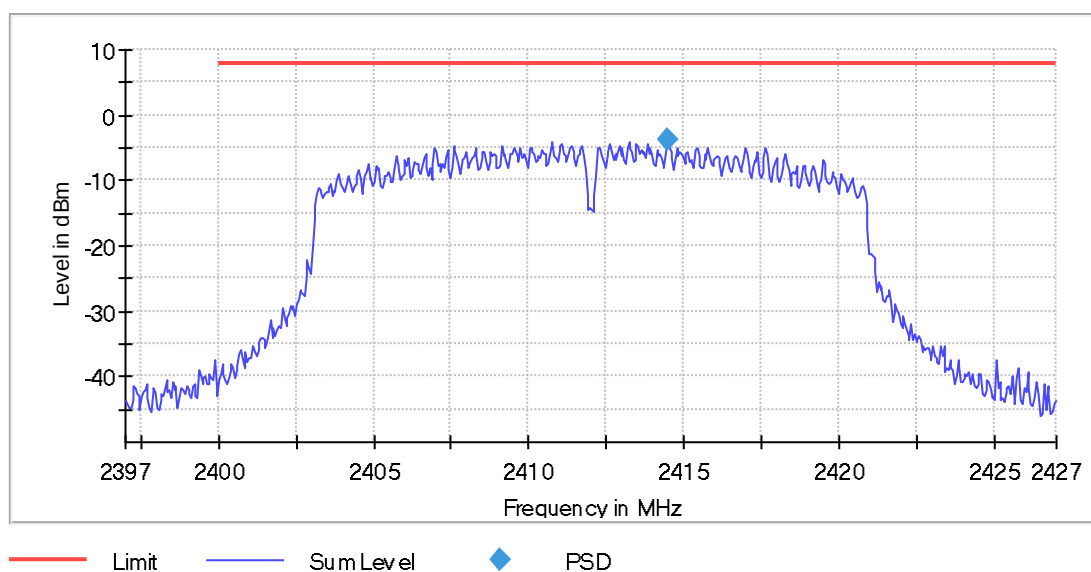
| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| Start Frequency       | 2.44700 GHz      | 2.44700 GHz    |
| Stop Frequency        | 2.47700 GHz      | 2.47700 GHz    |
| Span                  | 30.000 MHz       | 30.000 MHz     |
| RBW                   | 100.000 kHz      | <= 100.000 kHz |
| VBW                   | 300.000 kHz      | >= 300.000 kHz |
| SweepPoints           | 600              | ~ 600          |
| SweepTime             | 12.000 ms        | 12.000 ms      |
| Reference Level       | 0.000 dBm        | 0.000 dBm      |
| Attenuation           | 10.000 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                   | 112 / max. 150   | max. 150       |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.00 dB          | 0.50 dB        |

## Power Spectral Density (2412 MHz; n-mode[MCS3] (16,5 dBm); 20 MHz)

Test according to FCC title 47 part 15 §15.247(a),(e), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

### Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 2412.000000         | 2414.475000     | -3.742    | 8.0             | PASS   |



### Measurement

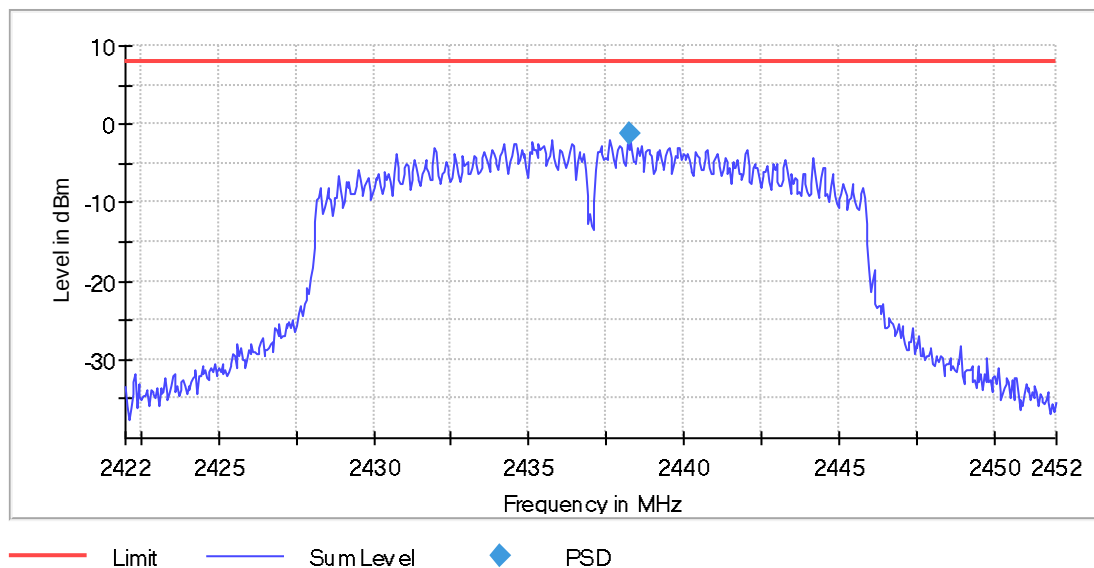
| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| Start Frequency       | 2.39700 GHz      | 2.39700 GHz    |
| Stop Frequency        | 2.42700 GHz      | 2.42700 GHz    |
| Span                  | 30.000 MHz       | 30.000 MHz     |
| RBW                   | 100.000 kHz      | <= 100.000 kHz |
| VBW                   | 300.000 kHz      | >= 300.000 kHz |
| SweepPoints           | 600              | ~ 600          |
| Sweeptime             | 12.000 ms        | 12.000 ms      |
| Reference Level       | 0.000 dBm        | 0.000 dBm      |
| Attenuation           | 10.000 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                   | 124 / max. 150   | max. 150       |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.00 dB          | 0.50 dB        |

## Power Spectral Density (2437 MHz; n-mode[MCS3] (16,5 dBm); 20 MHz)

Test according to FCC title 47 part 15 §15.247(a),(e), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

### Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 2437.000000         | 2438.275000     | -1.195    | 8.0             | PASS   |



### Measurement

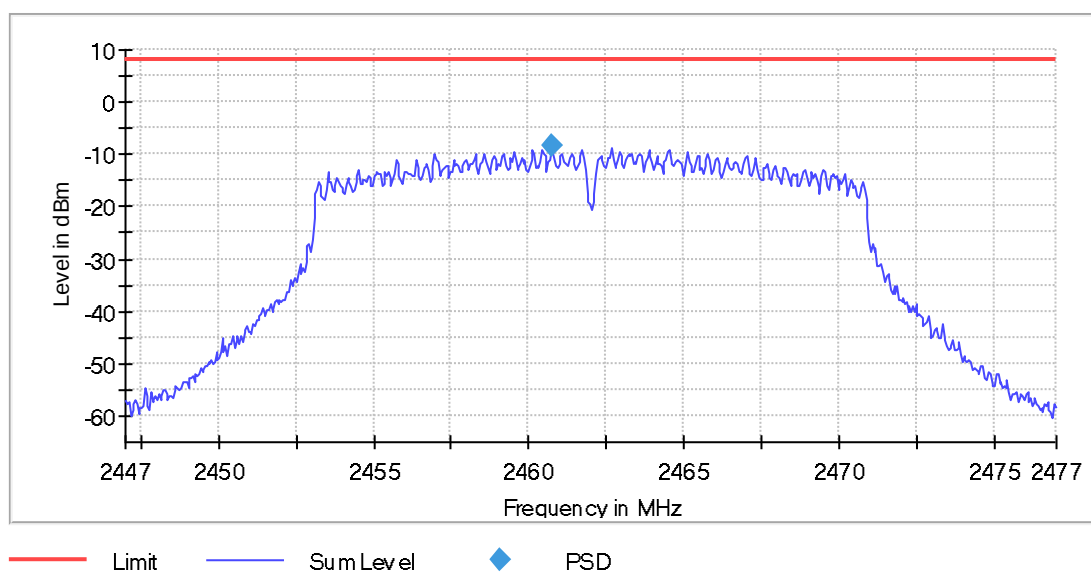
| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| Start Frequency       | 2.42200 GHz      | 2.42200 GHz    |
| Stop Frequency        | 2.45200 GHz      | 2.45200 GHz    |
| Span                  | 30.000 MHz       | 30.000 MHz     |
| RBW                   | 100.000 kHz      | <= 100.000 kHz |
| VBW                   | 300.000 kHz      | >= 300.000 kHz |
| SweepPoints           | 600              | ~ 600          |
| Sweeptime             | 12.000 ms        | 12.000 ms      |
| Reference Level       | 0.000 dBm        | 0.000 dBm      |
| Attenuation           | 10.000 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                   | 85 / max. 150    | max. 150       |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.00 dB          | 0.50 dB        |

## Power Spectral Density (2462 MHz; n-mode[MCS3] (16,5 dBm); 20 MHz)

Test according to FCC title 47 part 15 §15.247(a),(e), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

### Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 2462.000000         | 2460.725000     | -8.358    | 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           | 600              | ~ 600          |
| Sweeptime             | 12.000 ms        | 12.000 ms      |
| Reference Level       | 0.000 dBm        | 0.000 dBm      |
| Attenuation           | 10.000 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                   | 97 / max. 150    | max. 150       |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.39 dB          | 0.50 dB        |

## Occupied Channel Bandwidth 99% (2412 MHz; b-mode[11Mbps] (16,5 dBm); 20 MHz)

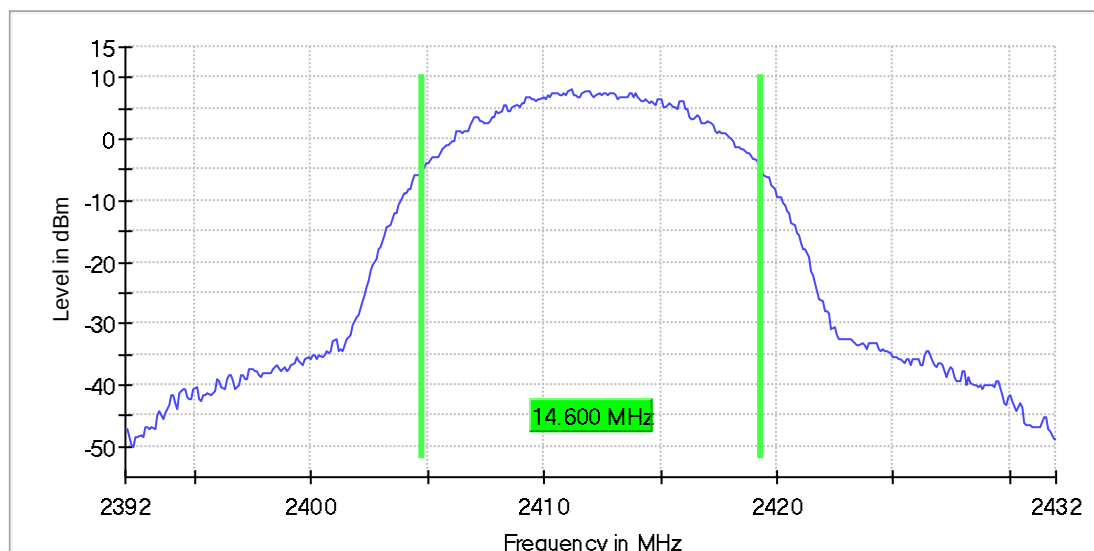
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

### 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2412.000000         | 14.600000       | ---             | ---             | 2404.750000          | 2419.350000           |

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

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



### Measurement

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| Start Frequency       | 2.39200 GHz      | 2.39200 GHz    |
| Stop Frequency        | 2.43200 GHz      | 2.43200 GHz    |
| Span                  | 40.000 MHz       | 40.000 MHz     |
| RBW                   | 200.000 kHz      | >= 200.000 kHz |
| VBW                   | 1.000 MHz        | >= 600.000 kHz |
| SweepPoints           | 400              | ~ 400          |
| SweepTime             | 1.000 ms         | AUTO           |
| Reference Level       | 10.000 dBm       | 10.000 dBm     |
| Attenuation           | 20.000 dB        | AUTO           |
| Detector              | MaxPeak          | MaxPeak        |
| SweepCount            | 100              | 100            |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | Sweep            | AUTO           |
| Preamp                | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.30 dB          | 0.30 dB        |
| Run                   | 60 / max. 150    | max. 150       |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.23 dB          | 0.30 dB        |

## Occupied Channel Bandwidth 99% (2437 MHz; b-mode[11Mbps] (16,5 dBm); 20 MHz)

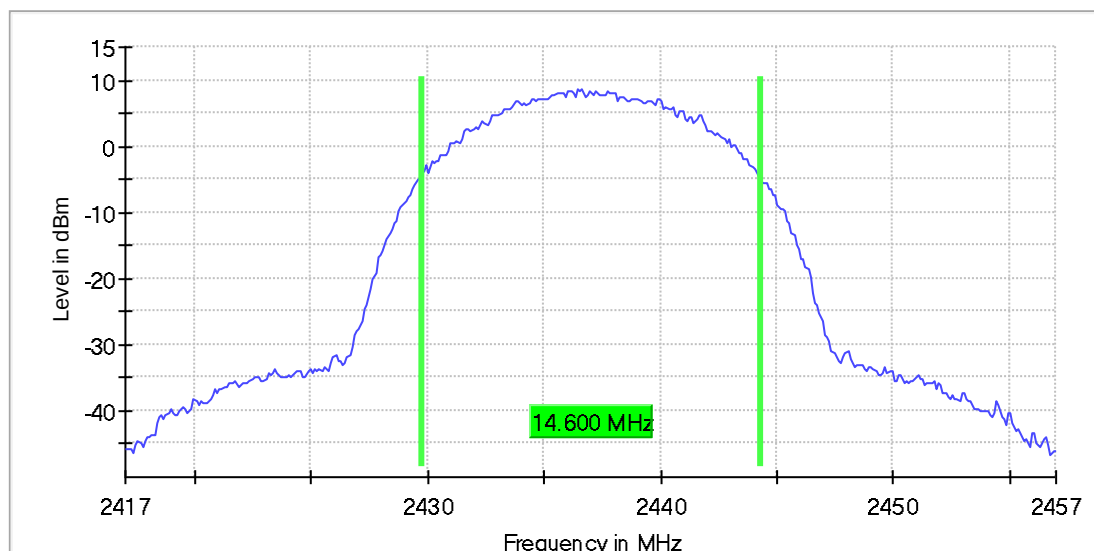
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

### 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2437.000000         | 14.600000       | ---             | ---             | 2429.750000          | 2444.350000           |

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

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



### Measurement

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| Start Frequency       | 2.41700 GHz      | 2.41700 GHz    |
| Stop Frequency        | 2.45700 GHz      | 2.45700 GHz    |
| Span                  | 40.000 MHz       | 40.000 MHz     |
| RBW                   | 200.000 kHz      | >= 200.000 kHz |
| VBW                   | 1.000 MHz        | >= 600.000 kHz |
| SweepPoints           | 400              | ~ 400          |
| SweepTime             | 1.000 ms         | AUTO           |
| Reference Level       | 10.000 dBm       | 10.000 dBm     |
| Attenuation           | 20.000 dB        | AUTO           |
| Detector              | MaxPeak          | MaxPeak        |
| SweepCount            | 100              | 100            |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | Sweep            | AUTO           |
| Preamp                | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.30 dB          | 0.30 dB        |
| Run                   | 49 / max. 150    | max. 150       |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.12 dB          | 0.30 dB        |

## Occupied Channel Bandwidth 99% (2462 MHz; b-mode[11Mbps] (16,5 dBm); 20 MHz)

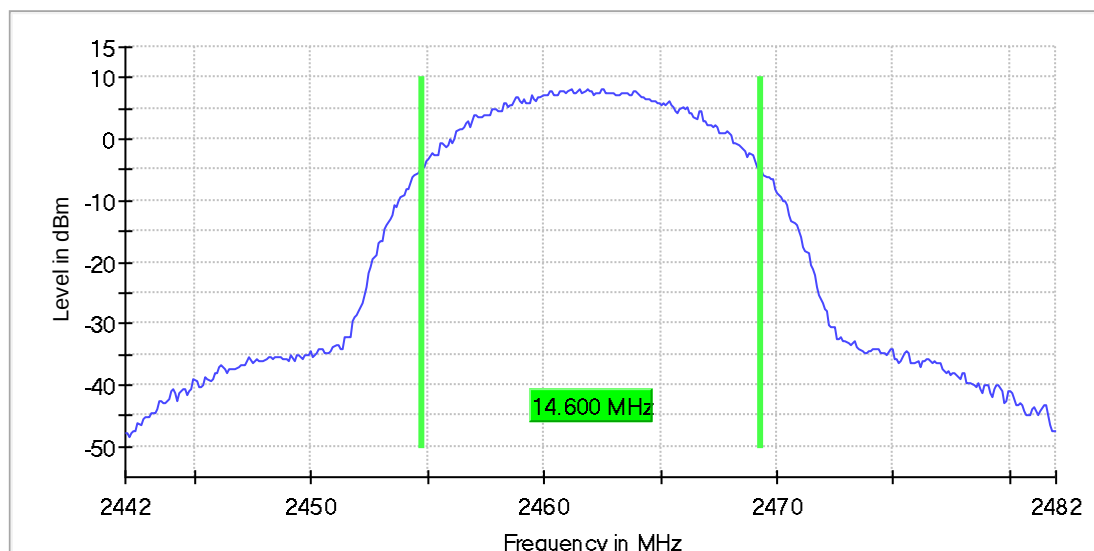
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

### 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2462.000000         | 14.600000       | ---             | ---             | 2454.750000          | 2469.350000           |

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

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



### Measurement

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| Start Frequency       | 2.44200 GHz      | 2.44200 GHz    |
| Stop Frequency        | 2.48200 GHz      | 2.48200 GHz    |
| Span                  | 40.000 MHz       | 40.000 MHz     |
| RBW                   | 200.000 kHz      | >= 200.000 kHz |
| VBW                   | 1.000 MHz        | >= 600.000 kHz |
| SweepPoints           | 400              | ~ 400          |
| SweepTime             | 1.000 ms         | AUTO           |
| Reference Level       | 10.000 dBm       | 10.000 dBm     |
| Attenuation           | 20.000 dB        | AUTO           |
| Detector              | MaxPeak          | MaxPeak        |
| SweepCount            | 100              | 100            |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | Sweep            | AUTO           |
| Preamp                | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.30 dB          | 0.30 dB        |
| Run                   | 61 / max. 150    | max. 150       |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.16 dB          | 0.30 dB        |

## Occupied Channel Bandwidth 99% (2412 MHz; g-mode[12Mbps] (16,5 dBm); 20 MHz)

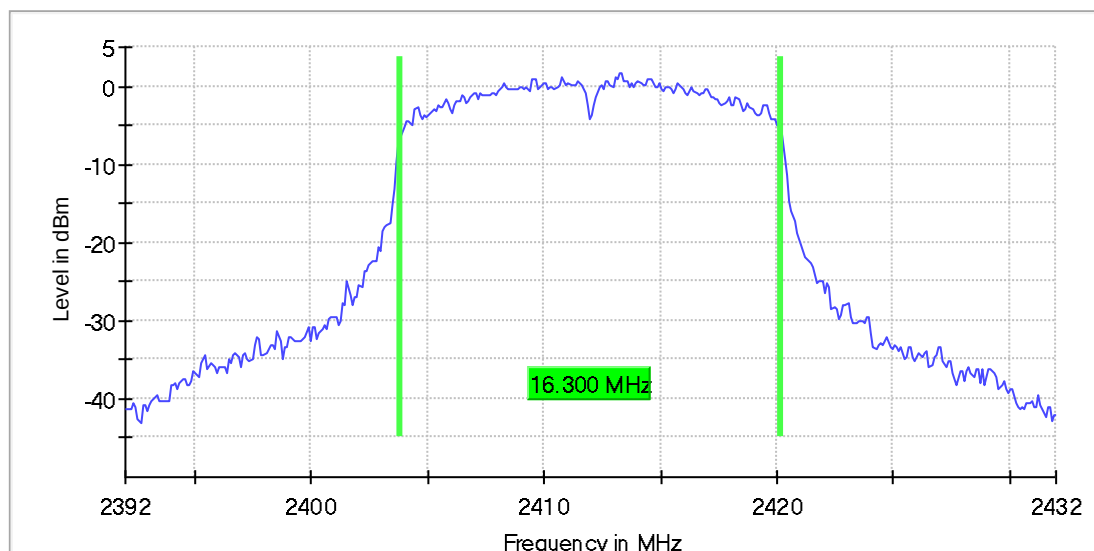
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

### 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2412.000000         | 16.300000       | ---             | ---             | 2403.850000          | 2420.150000           |

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

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



### Measurement

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| Start Frequency       | 2.39200 GHz      | 2.39200 GHz    |
| Stop Frequency        | 2.43200 GHz      | 2.43200 GHz    |
| Span                  | 40.000 MHz       | 40.000 MHz     |
| RBW                   | 200.000 kHz      | >= 200.000 kHz |
| VBW                   | 1.000 MHz        | >= 600.000 kHz |
| SweepPoints           | 400              | ~ 400          |
| SweepTime             | 1.000 ms         | AUTO           |
| Reference Level       | 10.000 dBm       | 0.000 dBm      |
| Attenuation           | 20.000 dB        | AUTO           |
| Detector              | MaxPeak          | MaxPeak        |
| SweepCount            | 100              | 100            |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | Sweep            | AUTO           |
| Preamp                | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.30 dB          | 0.30 dB        |
| Run                   | 38 / max. 150    | max. 150       |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.07 dB          | 0.30 dB        |

## Occupied Channel Bandwidth 99% (2437 MHz; g-mode[12Mbps] (16,5 dBm); 20 MHz)

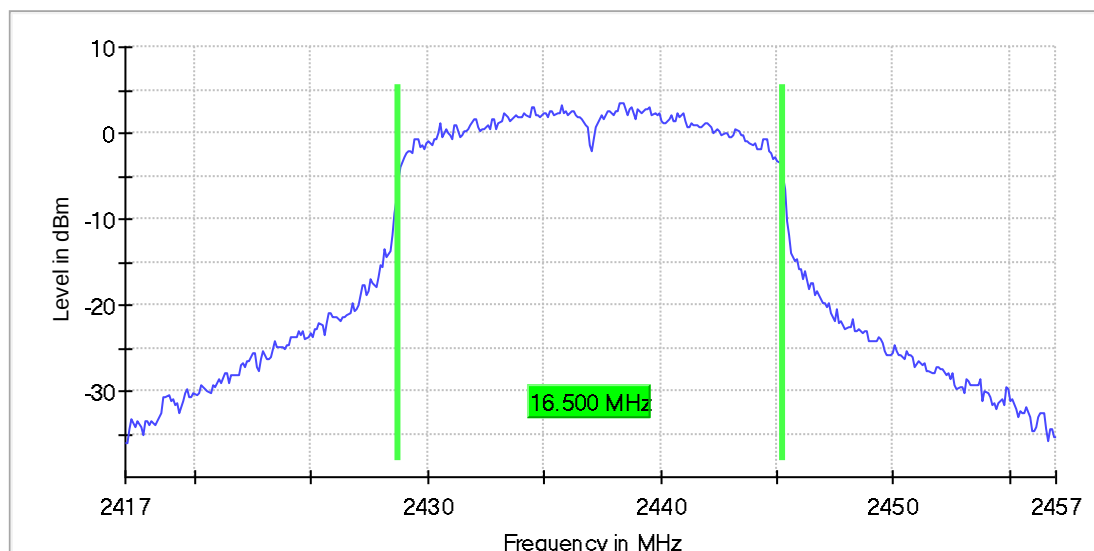
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

### 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2437.000000         | 16.500000       | ---             | ---             | 2428.750000          | 2445.250000           |

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

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



### Measurement

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| Start Frequency       | 2.41700 GHz      | 2.41700 GHz    |
| Stop Frequency        | 2.45700 GHz      | 2.45700 GHz    |
| Span                  | 40.000 MHz       | 40.000 MHz     |
| RBW                   | 200.000 kHz      | >= 200.000 kHz |
| VBW                   | 1.000 MHz        | >= 600.000 kHz |
| SweepPoints           | 400              | ~ 400          |
| SweepTime             | 1.000 ms         | AUTO           |
| Reference Level       | 10.000 dBm       | 0.000 dBm      |
| Attenuation           | 20.000 dB        | AUTO           |
| Detector              | MaxPeak          | MaxPeak        |
| SweepCount            | 100              | 100            |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | Sweep            | AUTO           |
| Preamp                | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.30 dB          | 0.30 dB        |
| Run                   | 43 / max. 150    | max. 150       |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.10 dB          | 0.30 dB        |

## Occupied Channel Bandwidth 99% (2462 MHz; g-mode[12MBps] (16,5 dBm); 20 MHz)

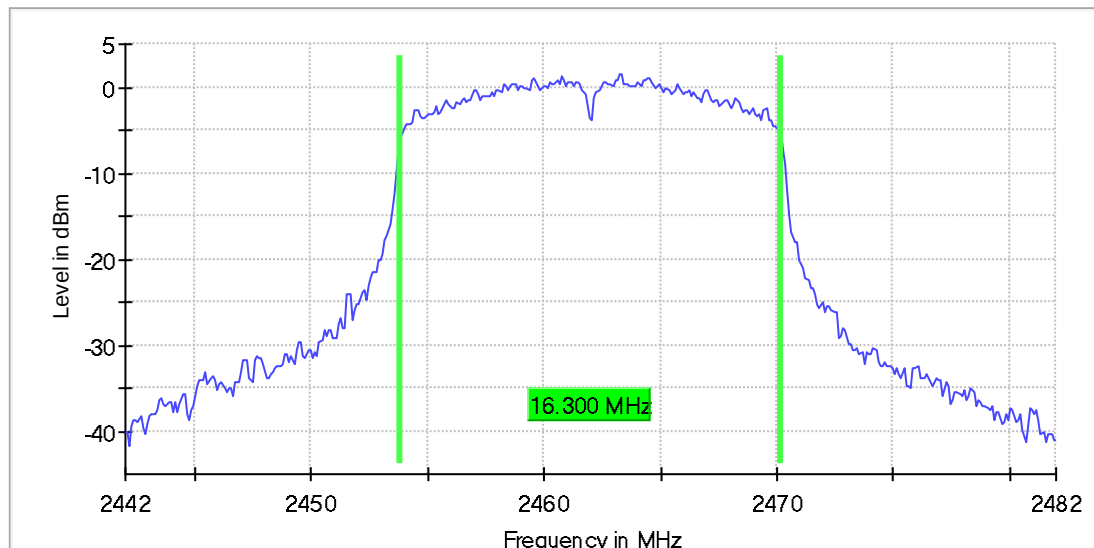
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

### 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2462.000000         | 16.300000       | ---             | ---             | 2453.850000          | 2470.150000           |

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

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



### Measurement

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| Start Frequency       | 2.44200 GHz      | 2.44200 GHz    |
| Stop Frequency        | 2.48200 GHz      | 2.48200 GHz    |
| Span                  | 40.000 MHz       | 40.000 MHz     |
| RBW                   | 200.000 kHz      | >= 200.000 kHz |
| VBW                   | 1.000 MHz        | >= 600.000 kHz |
| SweepPoints           | 400              | ~ 400          |
| SweepTime             | 1.000 ms         | AUTO           |
| Reference Level       | 10.000 dBm       | 0.000 dBm      |
| Attenuation           | 20.000 dB        | AUTO           |
| Detector              | MaxPeak          | MaxPeak        |
| SweepCount            | 100              | 100            |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | Sweep            | AUTO           |
| Preamp                | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.30 dB          | 0.30 dB        |
| Run                   | 68 / max. 150    | max. 150       |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.06 dB          | 0.30 dB        |



## Occupied Channel Bandwidth 99% (2412 MHz; n-mode[MCS3] (16,5 dBm); 20 MHz)

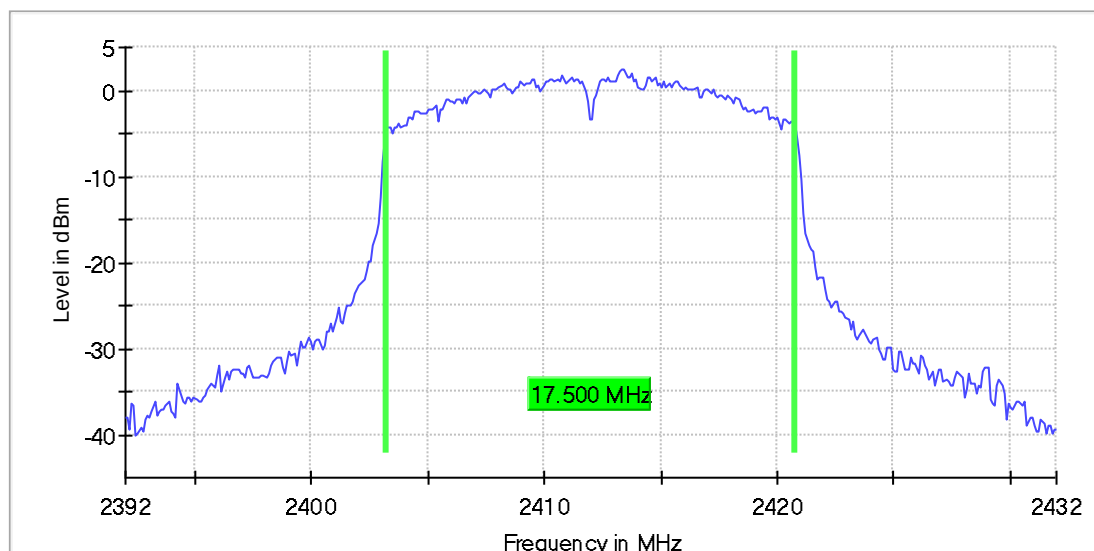
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

### 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2412.000000         | 17.500000       | ---             | ---             | 2403.250000          | 2420.750000           |

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

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



### Measurement

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| Start Frequency       | 2.39200 GHz      | 2.39200 GHz    |
| Stop Frequency        | 2.43200 GHz      | 2.43200 GHz    |
| Span                  | 40.000 MHz       | 40.000 MHz     |
| RBW                   | 200.000 kHz      | >= 200.000 kHz |
| VBW                   | 1.000 MHz        | >= 600.000 kHz |
| SweepPoints           | 400              | ~ 400          |
| SweepTime             | 1.000 ms         | AUTO           |
| Reference Level       | 10.000 dBm       | 0.000 dBm      |
| Attenuation           | 20.000 dB        | AUTO           |
| Detector              | MaxPeak          | MaxPeak        |
| SweepCount            | 100              | 100            |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | Sweep            | AUTO           |
| Preamp                | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.30 dB          | 0.30 dB        |
| Run                   | 42 / max. 150    | max. 150       |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.03 dB          | 0.30 dB        |

## Occupied Channel Bandwidth 99% (2437 MHz; n-mode[MCS3] (16,5 dBm); 20 MHz)

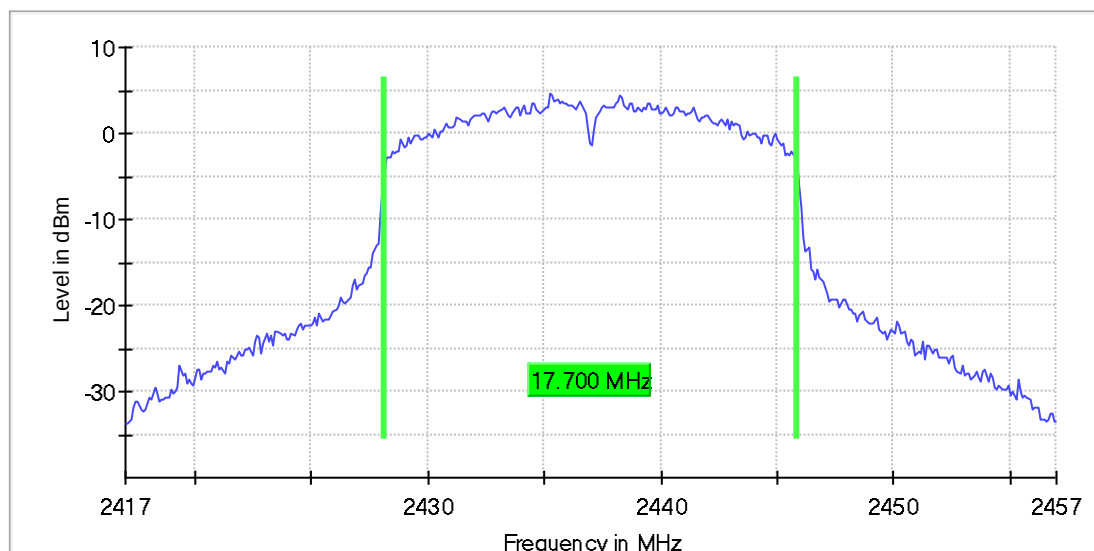
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

### 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2437.000000         | 17.700000       | ---             | ---             | 2428.150000          | 2445.850000           |

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

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



### Measurement

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| Start Frequency       | 2.41700 GHz      | 2.41700 GHz    |
| Stop Frequency        | 2.45700 GHz      | 2.45700 GHz    |
| Span                  | 40.000 MHz       | 40.000 MHz     |
| RBW                   | 200.000 kHz      | >= 200.000 kHz |
| VBW                   | 1.000 MHz        | >= 600.000 kHz |
| SweepPoints           | 400              | ~ 400          |
| SweepTime             | 1.000 ms         | AUTO           |
| Reference Level       | 10.000 dBm       | 0.000 dBm      |
| Attenuation           | 20.000 dB        | AUTO           |
| Detector              | MaxPeak          | MaxPeak        |
| SweepCount            | 100              | 100            |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | Sweep            | AUTO           |
| Preamp                | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.30 dB          | 0.30 dB        |
| Run                   | 65 / max. 150    | max. 150       |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.16 dB          | 0.30 dB        |

## Occupied Channel Bandwidth 99% (2462 MHz; n-mode[MCS3] (16,5 dBm); 20 MHz)

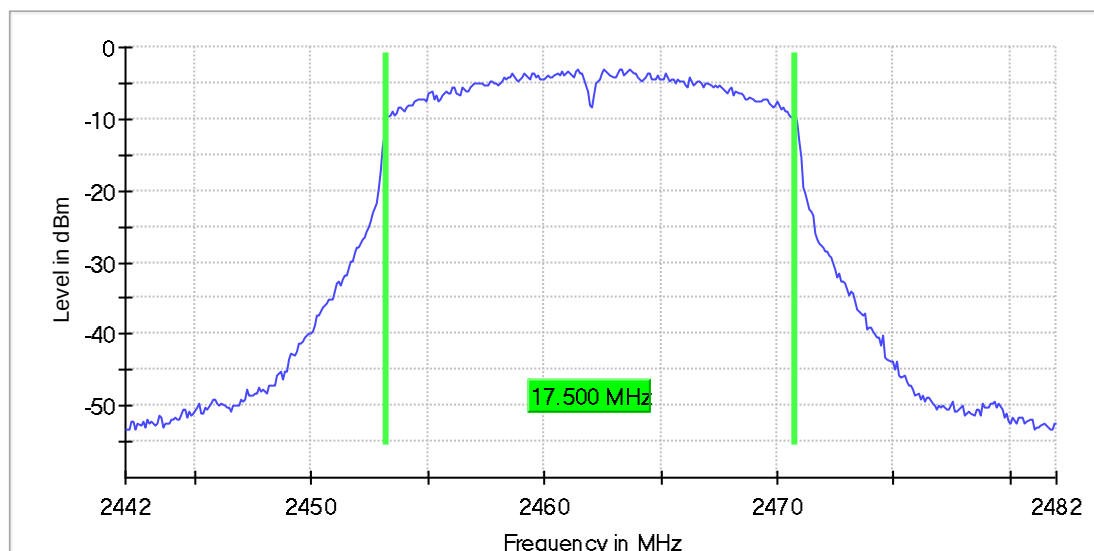
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

### 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2462.000000         | 17.500000       | ---             | ---             | 2453.250000          | 2470.750000           |

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

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



### Measurement

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| Start Frequency       | 2.44200 GHz      | 2.44200 GHz    |
| Stop Frequency        | 2.48200 GHz      | 2.48200 GHz    |
| Span                  | 40.000 MHz       | 40.000 MHz     |
| RBW                   | 200.000 kHz      | >= 200.000 kHz |
| VBW                   | 1.000 MHz        | >= 600.000 kHz |
| SweepPoints           | 400              | ~ 400          |
| SweepTime             | 1.000 ms         | AUTO           |
| Reference Level       | 0.000 dBm        | 0.000 dBm      |
| Attenuation           | 10.000 dB        | AUTO           |
| Detector              | MaxPeak          | MaxPeak        |
| SweepCount            | 100              | 100            |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | Sweep            | AUTO           |
| Preamp                | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.30 dB          | 0.30 dB        |
| Run                   | 70 / max. 150    | max. 150       |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.20 dB          | 0.30 dB        |

## Tx Spurious Emission (2412 MHz; b-mode[11MBps] (16,5 dBm); 20 MHz)

Test according to FCC title 47 part 15 §15.247(d), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

### Result

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

### Final measurements

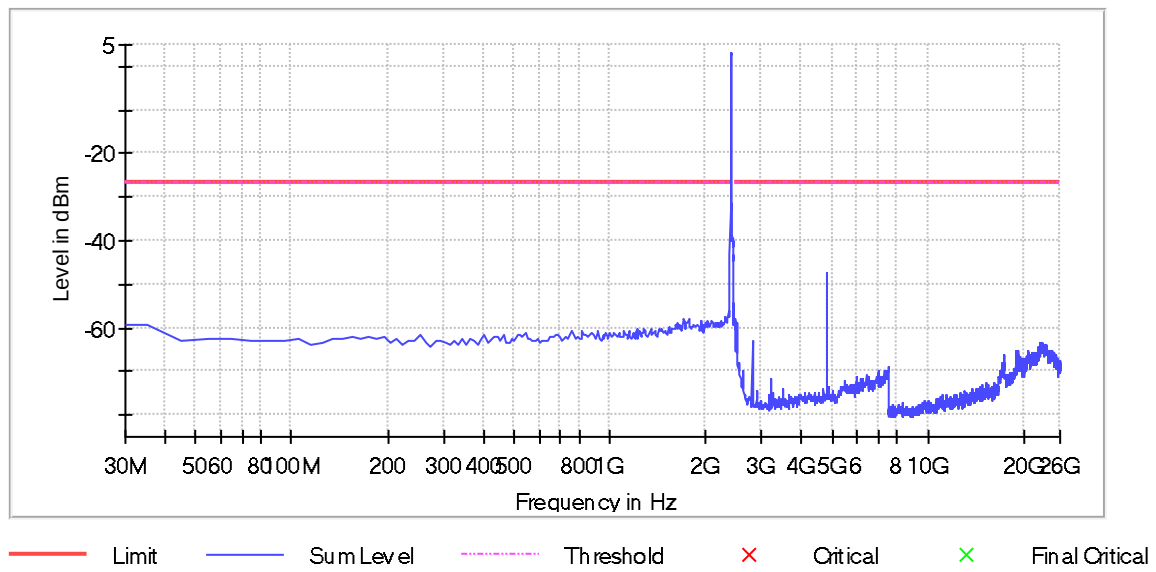
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|-----------------|-----------------------------|-------------|-------------|-------------|--------|
| ---             | ---                         | ---         | ---         | ---         | ---    |

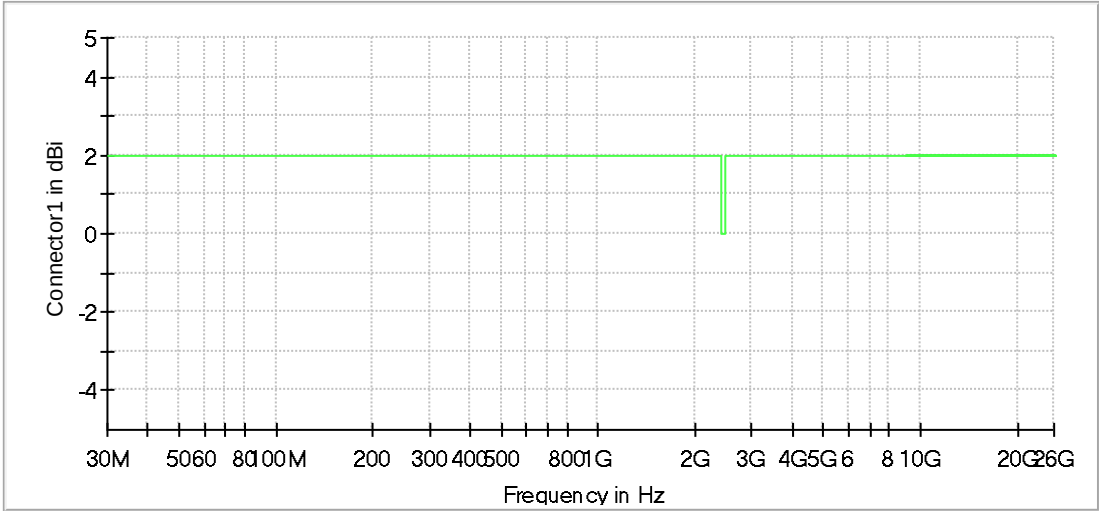
### Pre Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|-----------------|-------------|-------------|-------------|
| 2395.021008     | -31.5       | 4.9         | -26.6       |
| 2385.063025     | -43.2       | 16.6        | -26.6       |
| 4827.154590     | -47.5       | 20.9        | -26.6       |
| 2375.105042     | -53.7       | 27.0        | -26.6       |
| 2355.189076     | -56.2       | 29.6        | -26.6       |
| 2365.147059     | -57.3       | 30.7        | -26.6       |
| 2305.399160     | -57.3       | 30.7        | -26.6       |
| 1767.668067     | -57.9       | 31.3        | -26.6       |
| 2345.231092     | -58.0       | 31.4        | -26.6       |
| 1707.920168     | -58.1       | 31.4        | -26.6       |
| 2295.441176     | -58.2       | 31.6        | -26.6       |
| 2036.533613     | -58.2       | 31.6        | -26.6       |
| 1936.953782     | -58.4       | 31.7        | -26.6       |
| 2086.323529     | -58.4       | 31.7        | -26.6       |
| 2096.281513     | -58.4       | 31.7        | -26.6       |

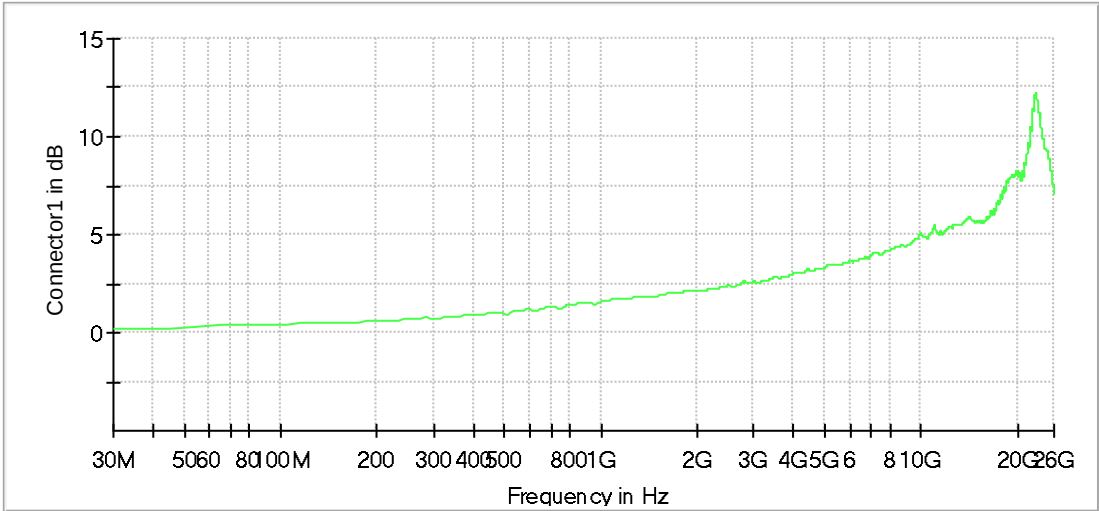
### Measurement Settings

| Start Frequency (MHz) | Stop Frequency (MHz) | Pre Measurement | Final Measurement |
|-----------------------|----------------------|-----------------|-------------------|
| 30.000000             | 2400.000000          | 1               | 1                 |
| 2400.000000           | 2483.500000          | 1               | 1                 |
| 2483.500000           | 26000.000000         | 1               | 1                 |





Connector1



Connector1

Pre Measurement 1

| Setting         | Instrument Value | Target Value   |
|-----------------|------------------|----------------|
| RBW             | 100.000 kHz      | <= 100.000 kHz |
| VBW             | 300.000 kHz      | >= 300.000 kHz |
| SweepPoints     | 238              | ~ 238          |
| SweepTime       | 23.700 ms        | AUTO           |
| Reference Level | 0.000 dBm        | -30.000 dBm    |
| Attenuation     | 30.000 dB        | AUTO           |
| Detector        | MaxPeak          | MaxPeak        |
| SweepCount      | 3                | 3              |
| Filter          | 3 dB             | 3 dB           |
| Trace Mode      | Max Hold         | Max Hold       |
| Sweeptype       | Sweep            | AUTO           |
| Preamp          | off              | off            |
| Stablemode      | Trace            | Trace          |
| Stablevalue     | 0.50 dB          | 0.50 dB        |
| Run             | 7 / max. 40      | max. 40        |
| Stable          | 3 / 3            | 3              |

## Tx Spurious Emission (2437 MHz; b-mode[11MBps] (16,5 dBm); 20 MHz)

Test according to FCC title 47 part 15 §15.247(d), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

### Result

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

### Final measurements

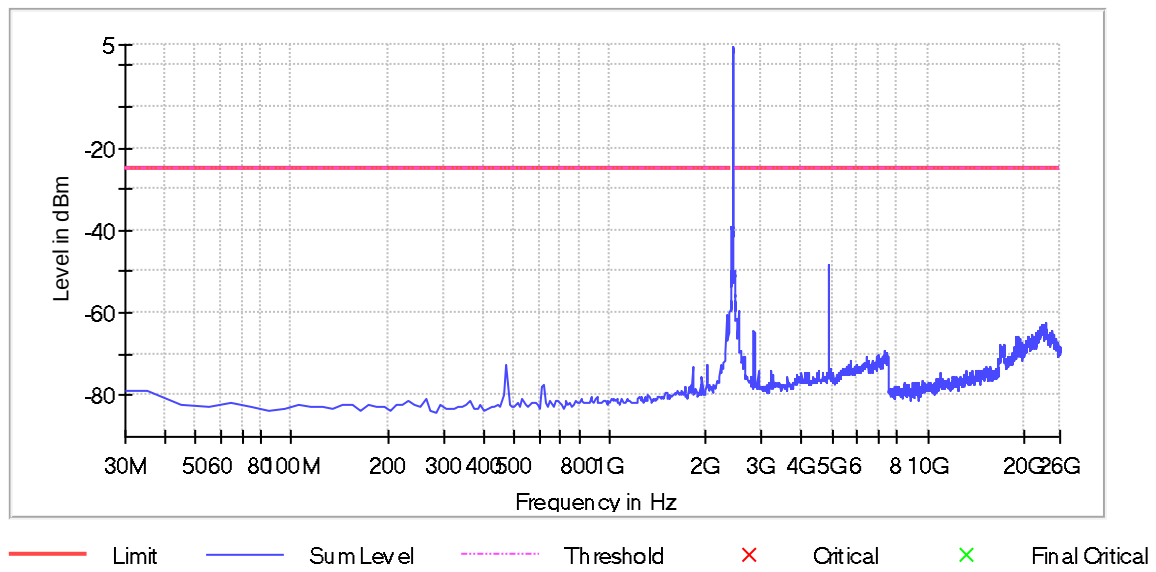
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|-----------------|-----------------------------|-------------|-------------|-------------|--------|
| ---             | ---                         | ---         | ---         | ---         | ---    |

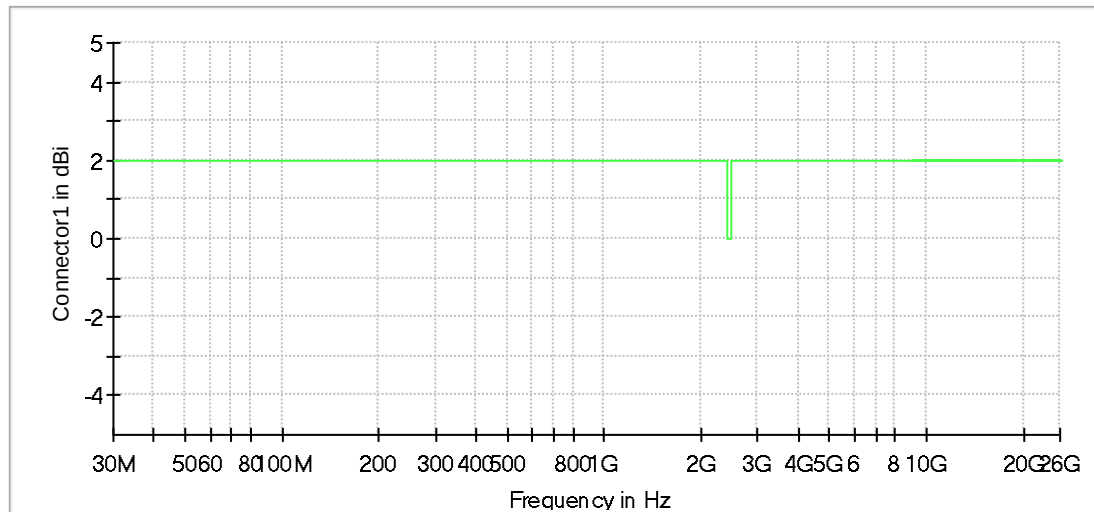
### Pre Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|-----------------|-------------|-------------|-------------|
| 4877.125903     | -48.5       | 23.2        | -25.3       |
| 2395.021008     | -58.8       | 33.5        | -25.3       |
| 2538.468445     | -59.2       | 34.0        | -25.3       |
| 2385.063025     | -60.1       | 34.8        | -25.3       |
| 2325.315126     | -60.5       | 35.2        | -25.3       |
| 2375.105042     | -61.5       | 36.3        | -25.3       |
| 2498.491394     | -61.6       | 36.3        | -25.3       |
| 2488.497131     | -61.7       | 36.4        | -25.3       |
| 2548.462707     | -61.8       | 36.5        | -25.3       |
| 2335.273109     | -61.9       | 36.7        | -25.3       |
| 23426.477369    | -62.3       | 37.1        | -25.3       |
| 22706.890459    | -63.1       | 37.8        | -25.3       |
| 23086.672439    | -63.1       | 37.8        | -25.3       |
| 22666.913408    | -63.3       | 38.0        | -25.3       |
| 22836.815873    | -63.4       | 38.2        | -25.3       |

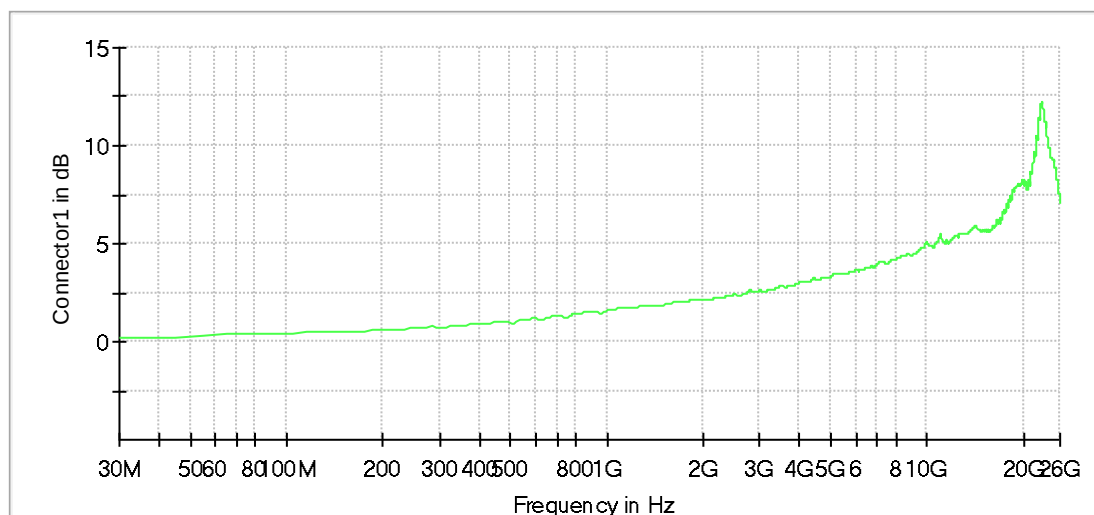
### Measurement Settings

| Start Frequency (MHz) | Stop Frequency (MHz) | Pre Measurement | Final Measurement |
|-----------------------|----------------------|-----------------|-------------------|
| 30.000000             | 2400.000000          | 1               | 1                 |
| 2400.000000           | 2483.500000          | 1               | 1                 |
| 2483.500000           | 26000.000000         | 1               | 1                 |





Connector1



Connector1

## Pre Measurement 1

| Setting               | Instrument Value | Target Value       |
|-----------------------|------------------|--------------------|
| RBW                   | 100.000 kHz      | $\leq 100.000$ kHz |
| VBW                   | 300.000 kHz      | $\geq 300.000$ kHz |
| SweepPoints           | 238              | ~ 238              |
| SweepTime             | 23.700 ms        | AUTO               |
| Reference Level       | -20.000 dBm      | -30.000 dBm        |
| Attenuation           | 10.000 dB        | AUTO               |
| Detector              | MaxPeak          | MaxPeak            |
| SweepCount            | 3                | 3                  |
| Filter                | 3 dB             | 3 dB               |
| Trace Mode            | Max Hold         | Max Hold           |
| SweepType             | Sweep            | AUTO               |
| Preamp                | off              | off                |
| Stablemode            | Trace            | Trace              |
| Stablevalue           | 0.50 dB          | 0.50 dB            |
| Run                   | 11 / max. 40     | max. 40            |
| Stable                | 3 / 3            | 3                  |
| Max Stable Difference | 0.00 dB          | 0.50 dB            |

## Tx Spurious Emission (2462 MHz; b-mode[11MBps] (16,5 dBm); 20 MHz)

Test according to FCC title 47 part 15 §15.247(d), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

### Result

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

### Final measurements

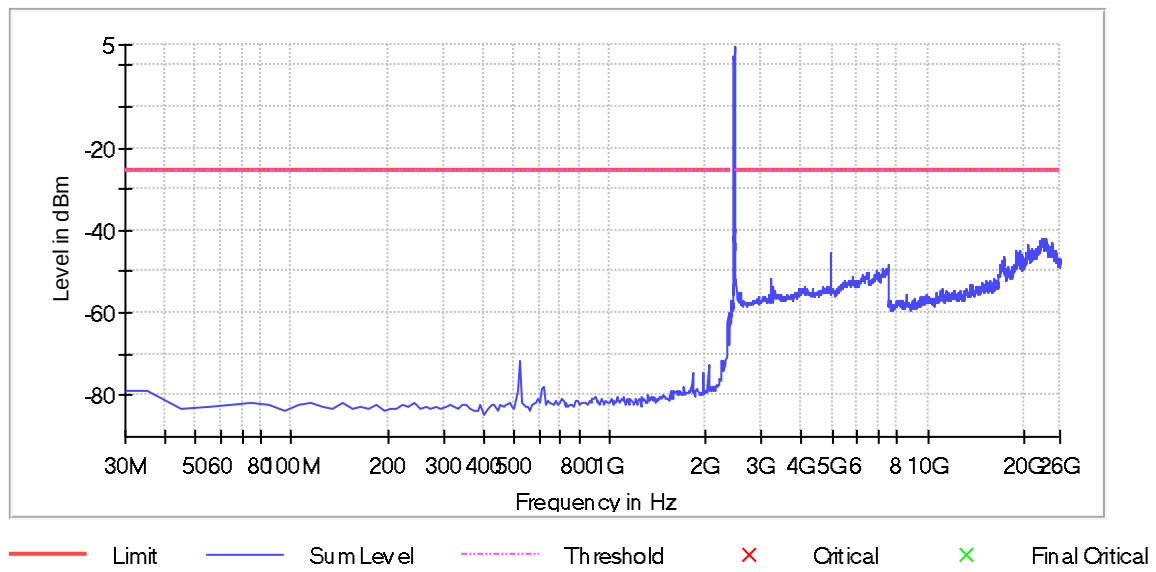
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|-----------------|-----------------------------|-------------|-------------|-------------|--------|
| ---             | ---                         | ---         | ---         | ---         | ---    |

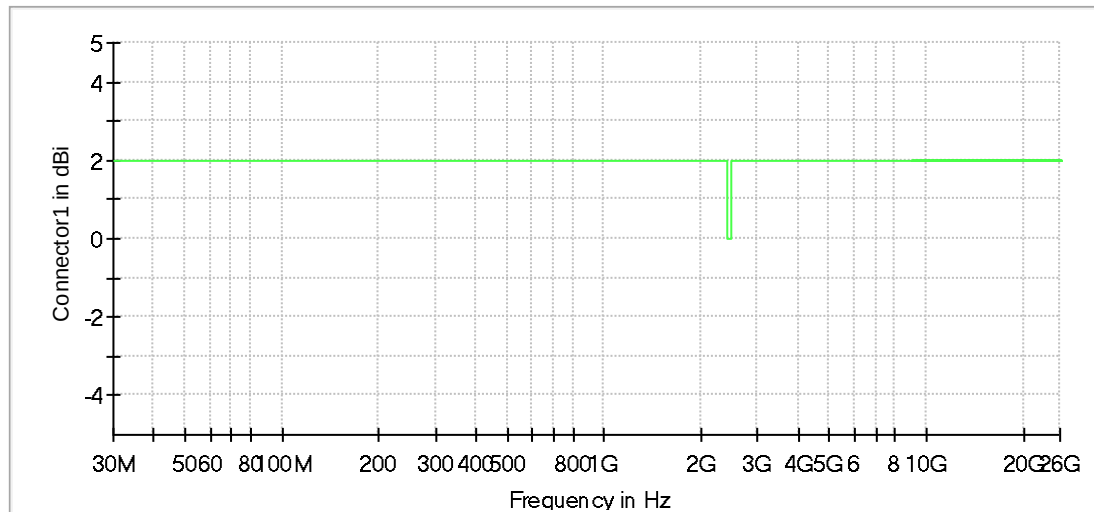
### Pre Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|-----------------|-------------|-------------|-------------|
| 23526.419996    | -41.9       | 16.3        | -25.6       |
| 23096.666702    | -42.0       | 16.4        | -25.6       |
| 22916.769975    | -42.0       | 16.5        | -25.6       |
| 22886.787187    | -42.1       | 16.5        | -25.6       |
| 23396.494581    | -42.1       | 16.6        | -25.6       |
| 22936.758500    | -42.2       | 16.6        | -25.6       |
| 22876.792924    | -42.4       | 16.8        | -25.6       |
| 22756.861772    | -42.5       | 16.9        | -25.6       |
| 22746.867510    | -42.5       | 16.9        | -25.6       |
| 23086.672439    | -42.5       | 17.0        | -25.6       |
| 22726.878984    | -42.5       | 17.0        | -25.6       |
| 22906.775712    | -42.6       | 17.0        | -25.6       |
| 22636.930620    | -42.6       | 17.0        | -25.6       |
| 23486.442945    | -42.6       | 17.0        | -25.6       |
| 22956.747025    | -42.6       | 17.1        | -25.6       |

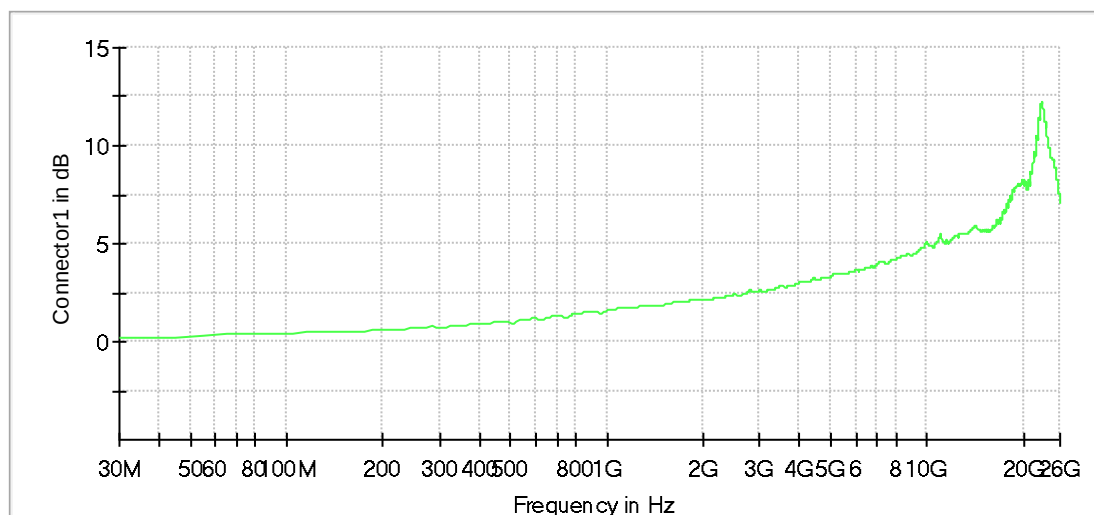
### Measurement Settings

| Start Frequency (MHz) | Stop Frequency (MHz) | Pre Measurement | Final Measurement |
|-----------------------|----------------------|-----------------|-------------------|
| 30.000000             | 2400.000000          | 1               | 1                 |
| 2400.000000           | 2483.500000          | 1               | 1                 |
| 2483.500000           | 26000.000000         | 1               | 1                 |





Connector1



Connector1

## Pre Measurement 1

| Setting               | Instrument Value | Target Value       |
|-----------------------|------------------|--------------------|
| RBW                   | 100.000 kHz      | $\leq 100.000$ kHz |
| VBW                   | 300.000 kHz      | $\geq 300.000$ kHz |
| SweepPoints           | 238              | ~ 238              |
| SweepTime             | 23.700 ms        | AUTO               |
| Reference Level       | -20.000 dBm      | -30.000 dBm        |
| Attenuation           | 10.000 dB        | AUTO               |
| Detector              | MaxPeak          | MaxPeak            |
| SweepCount            | 3                | 3                  |
| Filter                | 3 dB             | 3 dB               |
| Trace Mode            | Max Hold         | Max Hold           |
| SweepType             | Sweep            | AUTO               |
| Preamp                | off              | off                |
| Stablemode            | Trace            | Trace              |
| Stablevalue           | 0.50 dB          | 0.50 dB            |
| Run                   | 9 / max. 40      | max. 40            |
| Stable                | 3 / 3            | 3                  |
| Max Stable Difference | 0.00 dB          | 0.50 dB            |

## Tx Spurious Emission (2412 MHz; g-mode[12Mbps] (16,5 dBm); 20 MHz)

Test according to FCC title 47 part 15 §15.247(d), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

### Result

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

### Final measurements

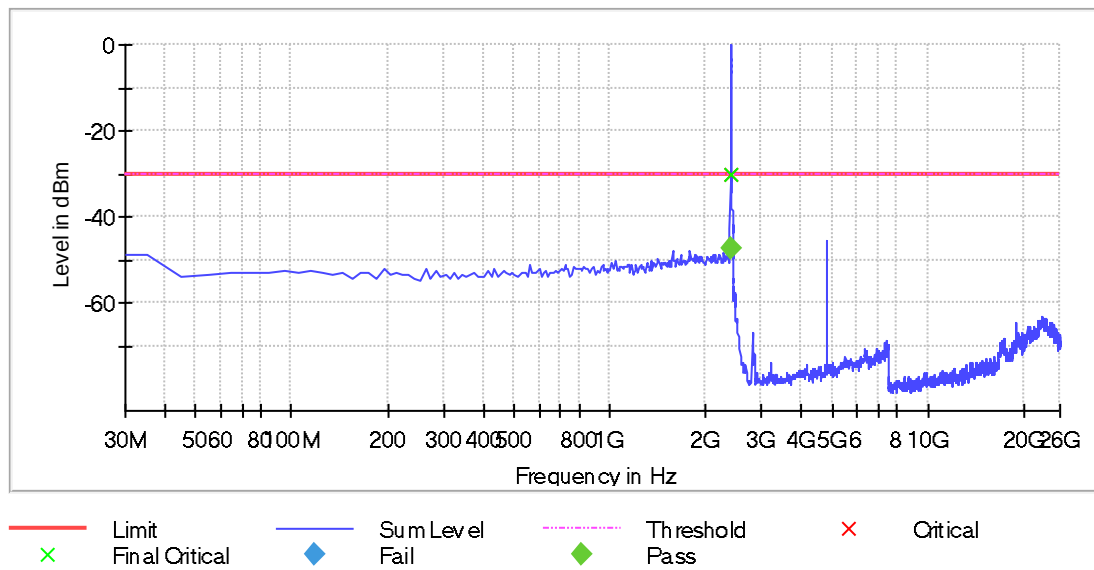
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|-----------------|-----------------------------|-------------|-------------|-------------|--------|
| 2399.809038     | -31.9                       | -47.5       | -30.1       | 17.4        | PASS   |

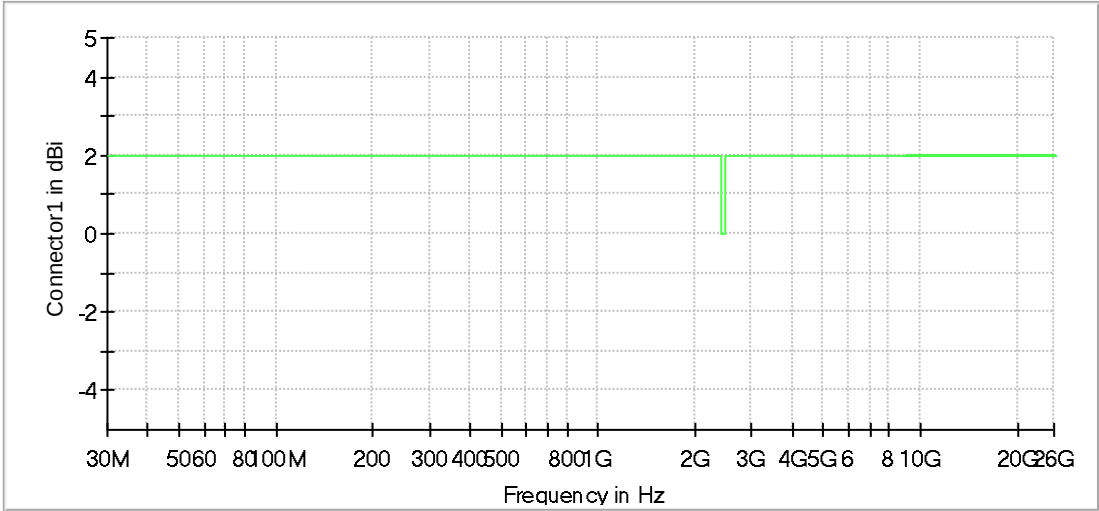
### Pre Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|-----------------|-------------|-------------|-------------|
| 2395.021008     | -30.0       | -0.1        | -30.1       |
| 2385.063025     | -42.9       | 12.8        | -30.1       |
| 4827.154590     | -45.6       | 15.4        | -30.1       |
| 2345.231092     | -47.4       | 17.3        | -30.1       |
| 1787.584034     | -47.8       | 17.6        | -30.1       |
| 1578.466387     | -48.0       | 17.9        | -30.1       |
| 2375.105042     | -48.3       | 18.2        | -30.1       |
| 2285.483193     | -48.3       | 18.2        | -30.1       |
| 1668.088235     | -48.6       | 18.5        | -30.1       |
| 1847.331933     | -48.6       | 18.5        | -30.1       |
| 1867.247899     | -48.7       | 18.6        | -30.1       |
| 2146.071429     | -48.7       | 18.6        | -30.1       |
| 2126.155462     | -48.8       | 18.7        | -30.1       |
| 2335.273109     | -48.8       | 18.7        | -30.1       |
| 2195.861345     | -48.9       | 18.8        | -30.1       |

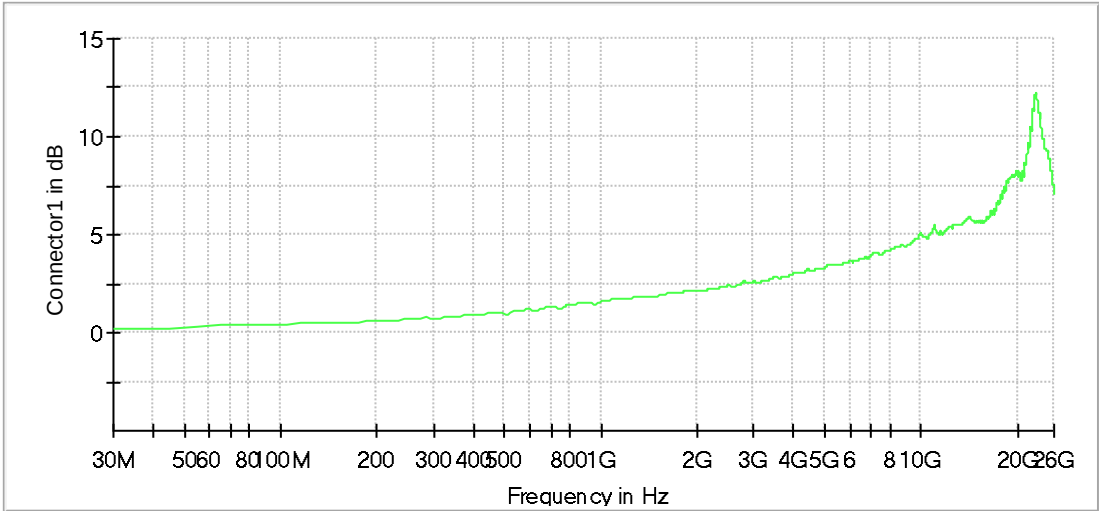
### Measurement Settings

| Start Frequency (MHz) | Stop Frequency (MHz) | Pre Measurement | Final Measurement |
|-----------------------|----------------------|-----------------|-------------------|
| 30.000000             | 2400.000000          | 1               | 1                 |
| 2400.000000           | 2483.500000          | 1               | 1                 |
| 2483.500000           | 26000.000000         | 1               | 1                 |

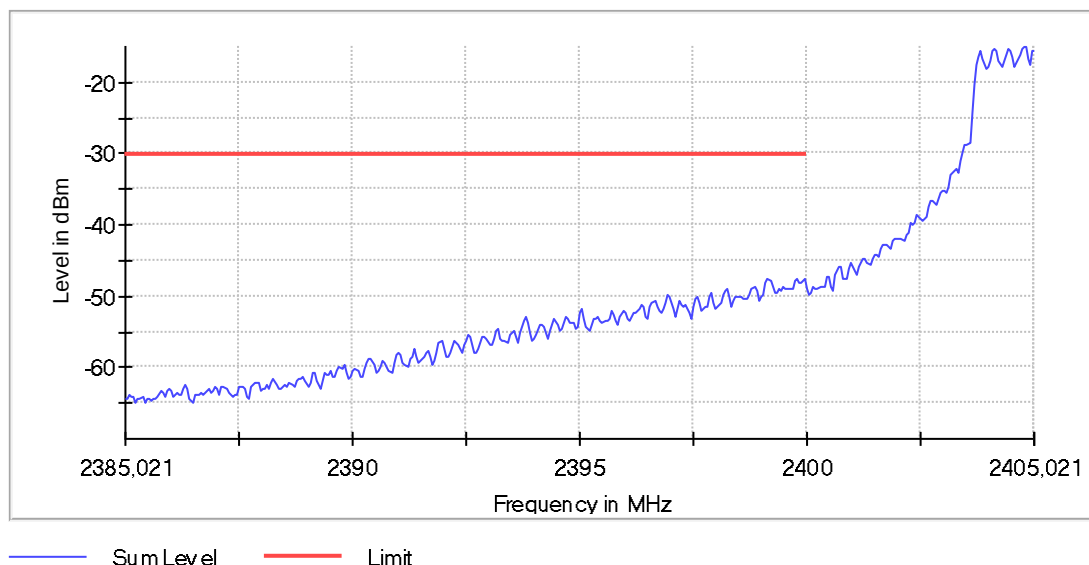




Connector1



Connector1



## Pre Measurement 1

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| RBW                   | 100.000 kHz      | <= 100.000 kHz |
| VBW                   | 300.000 kHz      | >= 300.000 kHz |
| SweepPoints           | 238              | ~ 238          |
| SweepTime             | 23.700 ms        | AUTO           |
| Reference Level       | 10.000 dBm       | -30.000 dBm    |
| Attenuation           | 40.000 dB        | AUTO           |
| Detector              | MaxPeak          | MaxPeak        |
| SweepCount            | 3                | 3              |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | Sweep            | AUTO           |
| Preamp                | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.50 dB          | 0.50 dB        |
| Run                   | 7 / max. 40      | max. 40        |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.00 dB          | 0.50 dB        |

## Final Measurement 1

| Setting         | Instrument Value | Target Value   |
|-----------------|------------------|----------------|
| RBW             | 100.000 kHz      | <= 100.000 kHz |
| VBW             | 300.000 kHz      | >= 300.000 kHz |
| SweepPoints     | 401              | ~ 401          |
| SweepTime       | 1.000 ms         | AUTO           |
| Reference Level | 20.000 dBm       | 10.000 dBm     |
| Attenuation     | 30.000 dB        | AUTO           |
| Detector        | Sample           | Sample         |
| SweepCount      | 100              | 100            |
| Filter          | 3 dB             | 3 dB           |
| Trace Mode      | Average Linear   | Average Linear |
| SweepType       | Sweep            | AUTO           |
| Preamp          | off              | off            |

## Tx Spurious Emission (2437 MHz; g-mode[12Mbps] (16,5 dBm); 20 MHz)

Test according to FCC title 47 part 15 §15.247(d), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

### Result

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

### Final measurements

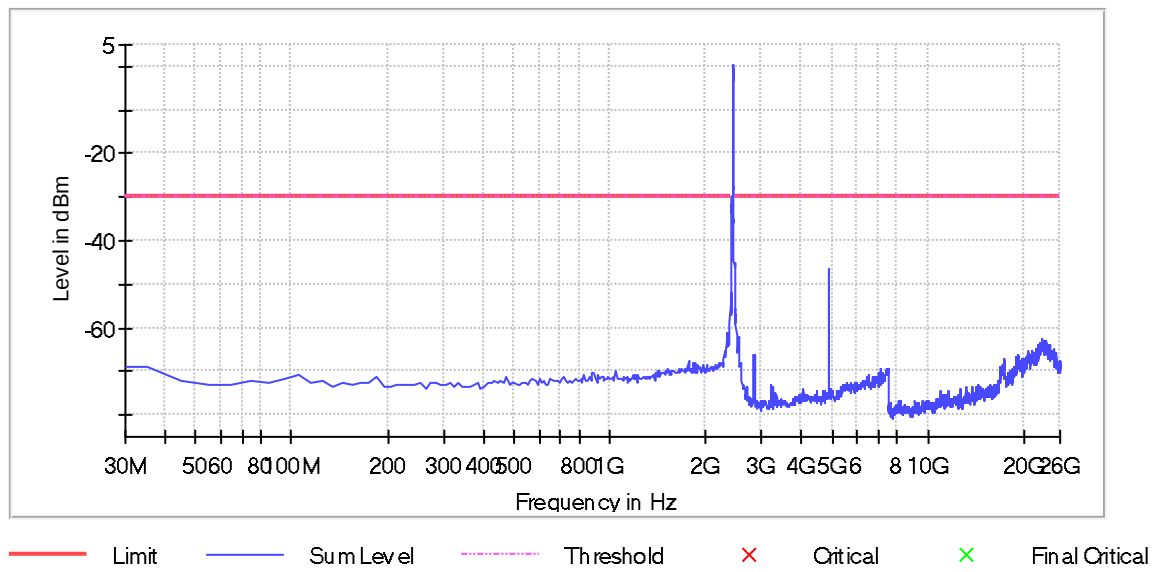
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|-----------------|-----------------------------|-------------|-------------|-------------|--------|
| ---             | ---                         | ---         | ---         | ---         | ---    |

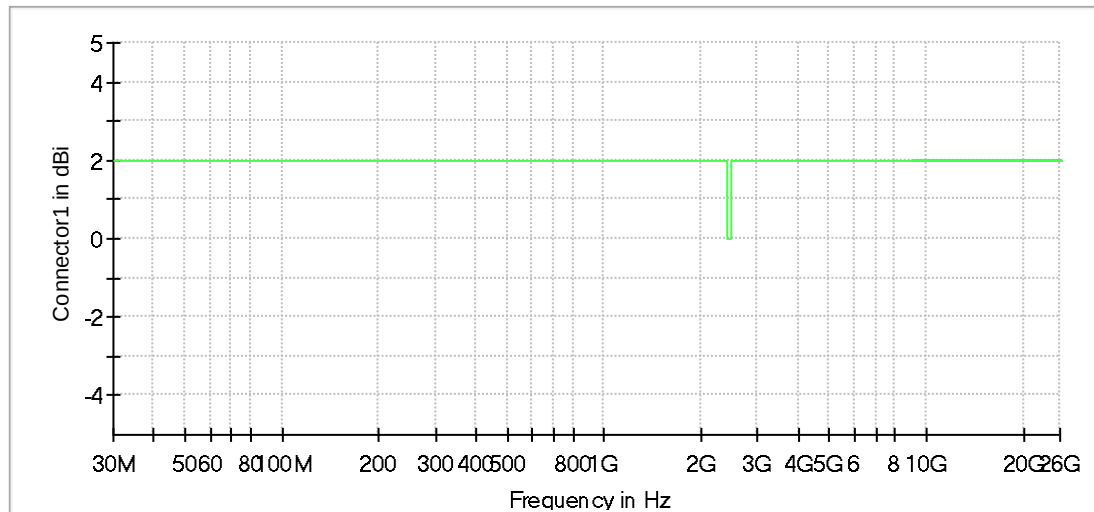
### Pre Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|-----------------|-------------|-------------|-------------|
| 4877.125903     | -46.2       | 16.4        | -29.8       |
| 2395.021008     | -54.0       | 24.2        | -29.8       |
| 2385.063025     | -58.6       | 28.8        | -29.8       |
| 2488.497131     | -59.2       | 29.4        | -29.8       |
| 2335.273109     | -61.0       | 31.3        | -29.8       |
| 2498.491394     | -61.4       | 31.6        | -29.8       |
| 2375.105042     | -61.5       | 31.7        | -29.8       |
| 2538.468445     | -62.2       | 32.4        | -29.8       |
| 2325.315126     | -62.4       | 32.6        | -29.8       |
| 22916.769975    | -62.7       | 32.9        | -29.8       |
| 22926.764237    | -62.8       | 33.0        | -29.8       |
| 22776.850297    | -62.9       | 33.1        | -29.8       |
| 22736.873247    | -62.9       | 33.1        | -29.8       |
| 23136.643753    | -63.0       | 33.2        | -29.8       |
| 23376.506056    | -63.1       | 33.3        | -29.8       |

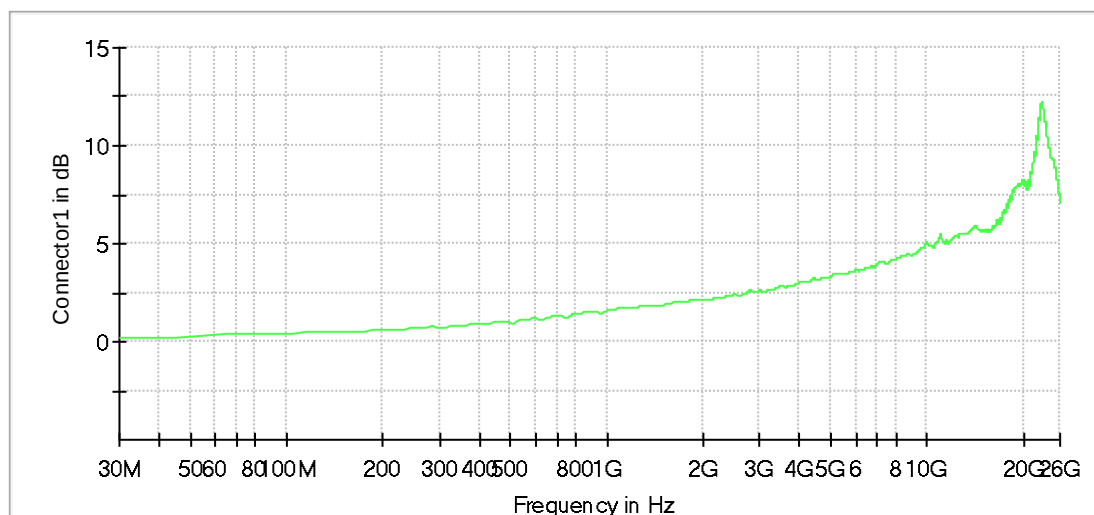
### Measurement Settings

| Start Frequency (MHz) | Stop Frequency (MHz) | Pre Measurement | Final Measurement |
|-----------------------|----------------------|-----------------|-------------------|
| 30.000000             | 2400.000000          | 1               | 1                 |
| 2400.000000           | 2483.500000          | 1               | 1                 |
| 2483.500000           | 26000.000000         | 1               | 1                 |





Connector1



Connector1

## Pre Measurement 1

| Setting               | Instrument Value | Target Value       |
|-----------------------|------------------|--------------------|
| RBW                   | 100.000 kHz      | $\leq 100.000$ kHz |
| VBW                   | 300.000 kHz      | $\geq 300.000$ kHz |
| SweepPoints           | 238              | ~ 238              |
| SweepTime             | 23.700 ms        | AUTO               |
| Reference Level       | -10.000 dBm      | -30.000 dBm        |
| Attenuation           | 20.000 dB        | AUTO               |
| Detector              | MaxPeak          | MaxPeak            |
| SweepCount            | 3                | 3                  |
| Filter                | 3 dB             | 3 dB               |
| Trace Mode            | Max Hold         | Max Hold           |
| SweepType             | Sweep            | AUTO               |
| Preamp                | off              | off                |
| Stablemode            | Trace            | Trace              |
| Stablevalue           | 0.50 dB          | 0.50 dB            |
| Run                   | 9 / max. 40      | max. 40            |
| Stable                | 3 / 3            | 3                  |
| Max Stable Difference | 0.00 dB          | 0.50 dB            |



## Tx Spurious Emission (2462 MHz; g-mode[12MBps] (16,5 dBm); 20 MHz)

Test according to FCC title 47 part 15 §15.247(d), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

### Result

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

### Final measurements

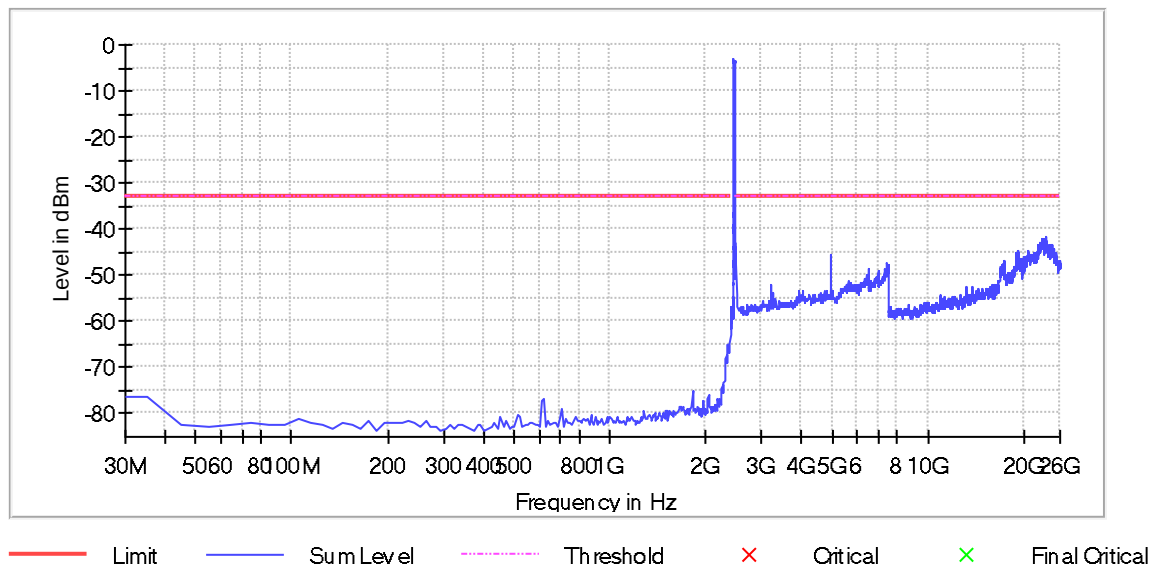
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|-----------------|-----------------------------|-------------|-------------|-------------|--------|
| ---             | ---                         | ---         | ---         | ---         | ---    |

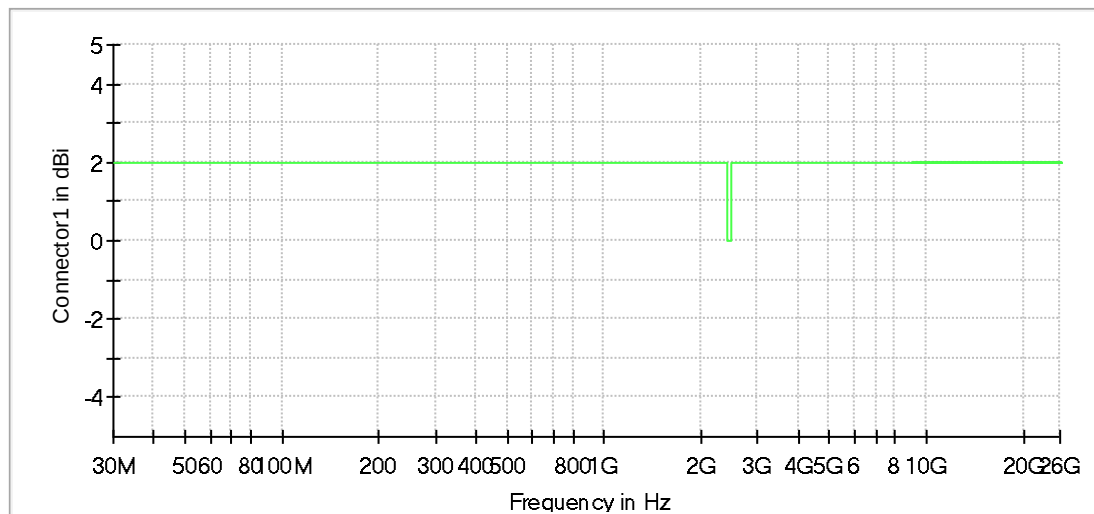
### Pre Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|-----------------|-------------|-------------|-------------|
| 23576.391309    | -41.7       | 8.9         | -32.9       |
| 22866.798661    | -42.2       | 9.3         | -32.9       |
| 23046.695389    | -42.3       | 9.4         | -32.9       |
| 23616.368360    | -42.3       | 9.5         | -32.9       |
| 23096.666702    | -42.4       | 9.6         | -32.9       |
| 23436.471632    | -42.5       | 9.6         | -32.9       |
| 23516.425733    | -42.5       | 9.7         | -32.9       |
| 22716.884722    | -42.5       | 9.7         | -32.9       |
| 22776.850297    | -42.6       | 9.7         | -32.9       |
| 22926.764237    | -42.6       | 9.7         | -32.9       |
| 23346.523268    | -42.6       | 9.7         | -32.9       |
| 23006.718338    | -42.7       | 9.8         | -32.9       |
| 22766.856035    | -42.7       | 9.8         | -32.9       |
| 22656.919146    | -42.8       | 9.9         | -32.9       |
| 22826.821611    | -42.8       | 9.9         | -32.9       |

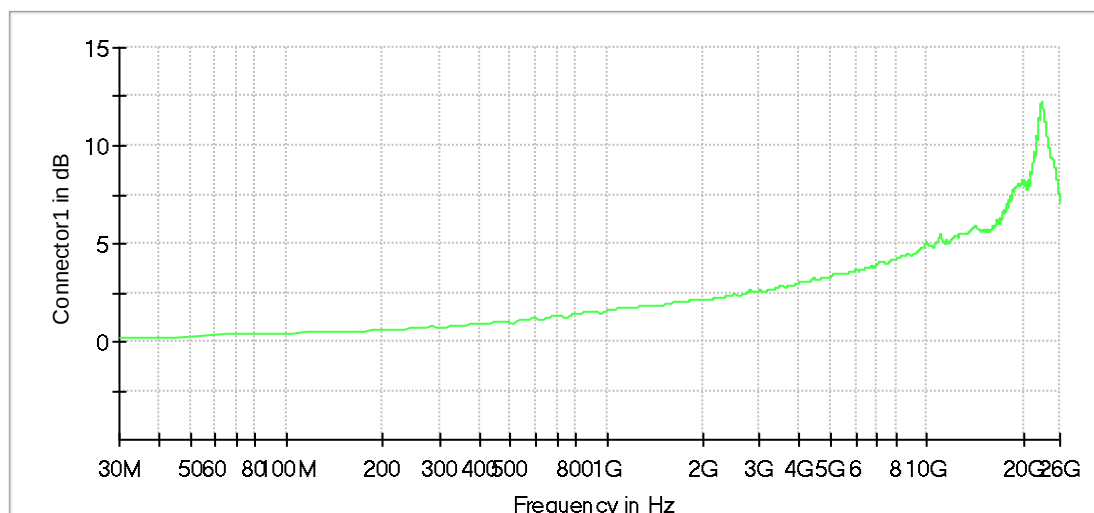
### Measurement Settings

| Start Frequency (MHz) | Stop Frequency (MHz) | Pre Measurement | Final Measurement |
|-----------------------|----------------------|-----------------|-------------------|
| 30.000000             | 2400.000000          | 1               | 1                 |
| 2400.000000           | 2483.500000          | 1               | 1                 |
| 2483.500000           | 26000.000000         | 1               | 1                 |





Connector1



Connector1

## Pre Measurement 1

| Setting               | Instrument Value | Target Value       |
|-----------------------|------------------|--------------------|
| RBW                   | 100.000 kHz      | $\leq 100.000$ kHz |
| VBW                   | 300.000 kHz      | $\geq 300.000$ kHz |
| SweepPoints           | 238              | ~ 238              |
| SweepTime             | 23.700 ms        | AUTO               |
| Reference Level       | -20.000 dBm      | -30.000 dBm        |
| Attenuation           | 10.000 dB        | AUTO               |
| Detector              | MaxPeak          | MaxPeak            |
| SweepCount            | 3                | 3                  |
| Filter                | 3 dB             | 3 dB               |
| Trace Mode            | Max Hold         | Max Hold           |
| Sweeptype             | Sweep            | AUTO               |
| Preamp                | off              | off                |
| Stablemode            | Trace            | Trace              |
| Stablevalue           | 0.50 dB          | 0.50 dB            |
| Run                   | 10 / max. 40     | max. 40            |
| Stable                | 3 / 3            | 3                  |
| Max Stable Difference | 0.00 dB          | 0.50 dB            |

## Tx Spurious Emission (2412 MHz; n-mode[MCS3] (16,5 dBm); 20 MHz)

Test according to FCC title 47 part 15 §15.247(d), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

### Result

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

### Final measurements

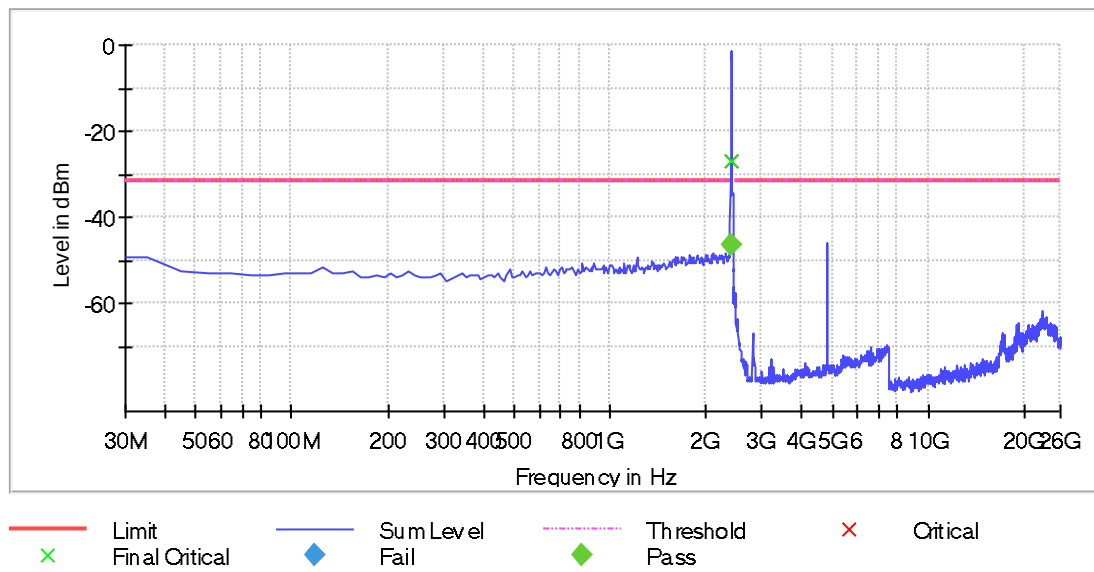
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|-----------------|-----------------------------|-------------|-------------|-------------|--------|
| 2399.809038     | -29.1                       | -46.3       | -31.4       | 14.8        | PASS   |

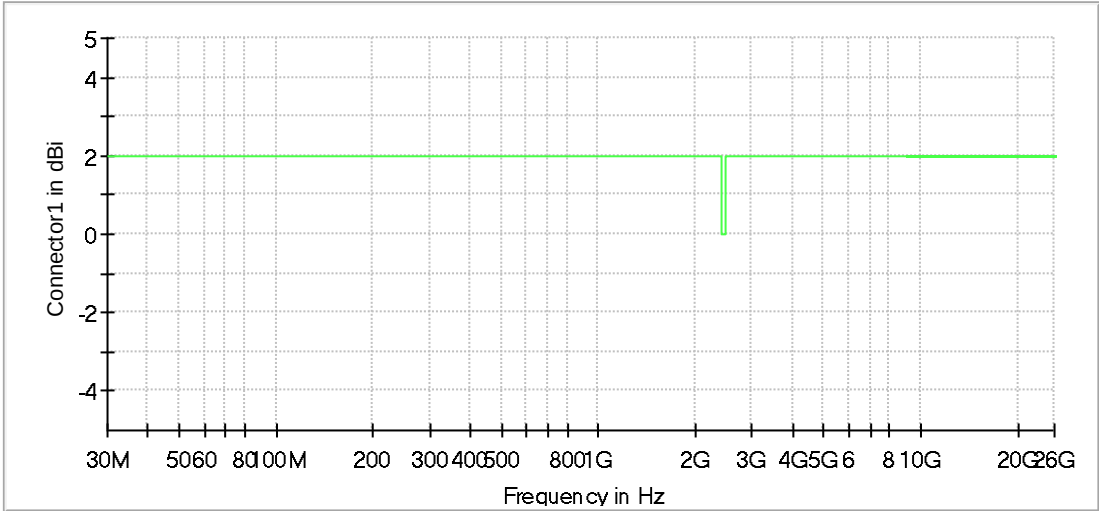
### Pre Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|-----------------|-------------|-------------|-------------|
| 2395.021008     | -27.1       | -4.3        | -31.4       |
| 2385.063025     | -41.8       | 10.4        | -31.4       |
| 4827.154590     | -45.9       | 14.5        | -31.4       |
| 2106.239496     | -48.4       | 17.0        | -31.4       |
| 2315.357143     | -48.4       | 17.0        | -31.4       |
| 2006.659664     | -48.6       | 17.2        | -31.4       |
| 2156.029412     | -48.8       | 17.3        | -31.4       |
| 2215.777311     | -48.8       | 17.4        | -31.4       |
| 2355.189076     | -48.8       | 17.4        | -31.4       |
| 2365.147059     | -48.8       | 17.4        | -31.4       |
| 2096.281513     | -48.8       | 17.4        | -31.4       |
| 2016.617647     | -48.8       | 17.4        | -31.4       |
| 2245.651261     | -48.9       | 17.5        | -31.4       |
| 1777.626050     | -48.9       | 17.5        | -31.4       |
| 1877.205882     | -48.9       | 17.5        | -31.4       |

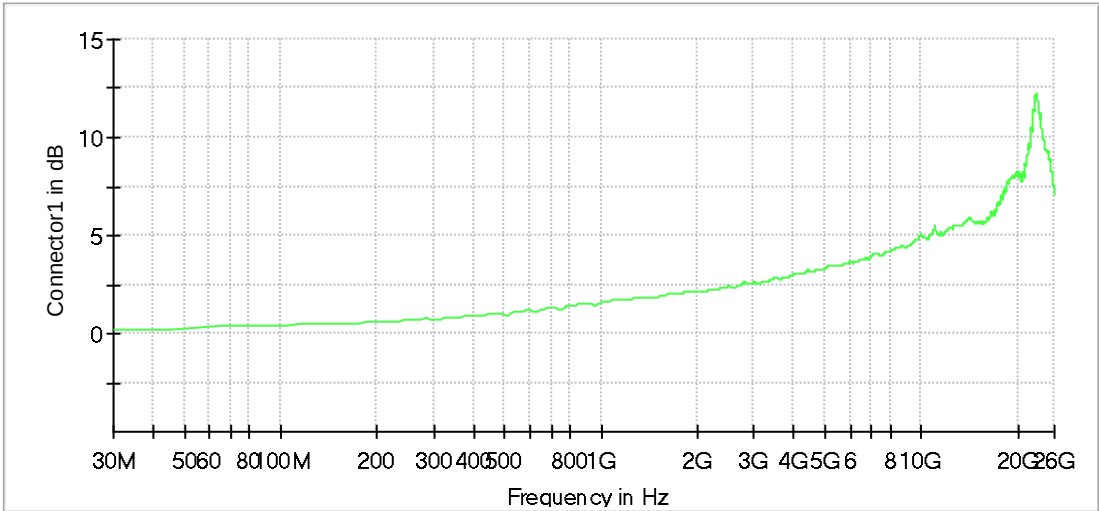
### Measurement Settings

| Start Frequency (MHz) | Stop Frequency (MHz) | Pre Measurement | Final Measurement |
|-----------------------|----------------------|-----------------|-------------------|
| 30.000000             | 2400.000000          | 1               | 1                 |
| 2400.000000           | 2483.500000          | 1               | 1                 |
| 2483.500000           | 26000.000000         | 1               | 1                 |

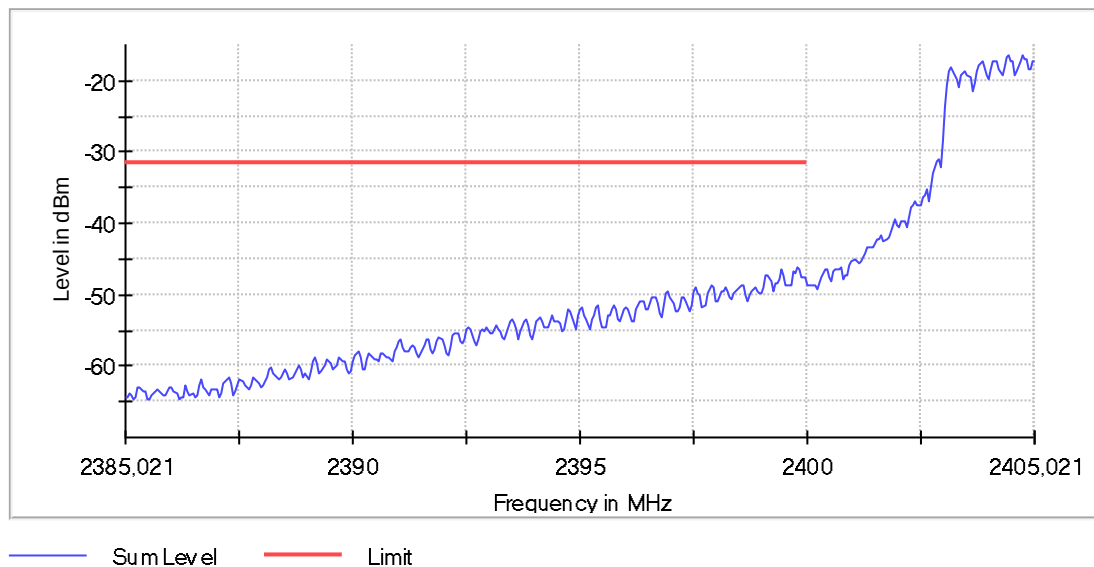




Connector1



Connector1



## Pre Measurement 1

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| RBW                   | 100.000 kHz      | <= 100.000 kHz |
| VBW                   | 300.000 kHz      | >= 300.000 kHz |
| SweepPoints           | 238              | ~ 238          |
| SweepTime             | 23.700 ms        | AUTO           |
| Reference Level       | 10.000 dBm       | -30.000 dBm    |
| Attenuation           | 40.000 dB        | AUTO           |
| Detector              | MaxPeak          | MaxPeak        |
| SweepCount            | 3                | 3              |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | Sweep            | AUTO           |
| Preamp                | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.50 dB          | 0.50 dB        |
| Run                   | 4 / max. 40      | max. 40        |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.00 dB          | 0.50 dB        |

## Final Measurement 1

| Setting         | Instrument Value | Target Value   |
|-----------------|------------------|----------------|
| RBW             | 100.000 kHz      | <= 100.000 kHz |
| VBW             | 300.000 kHz      | >= 300.000 kHz |
| SweepPoints     | 401              | ~ 401          |
| SweepTime       | 1.000 ms         | AUTO           |
| Reference Level | 20.000 dBm       | 10.000 dBm     |
| Attenuation     | 30.000 dB        | AUTO           |
| Detector        | Sample           | Sample         |
| SweepCount      | 100              | 100            |
| Filter          | 3 dB             | 3 dB           |
| Trace Mode      | Average Linear   | Average Linear |
| SweepType       | Sweep            | AUTO           |
| Preamp          | off              | off            |

## Tx Spurious Emission (2437 MHz; n-mode[MCS3] (16,5 dBm); 20 MHz)

Test according to FCC title 47 part 15 §15.247(d), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

### Result

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

### Final measurements

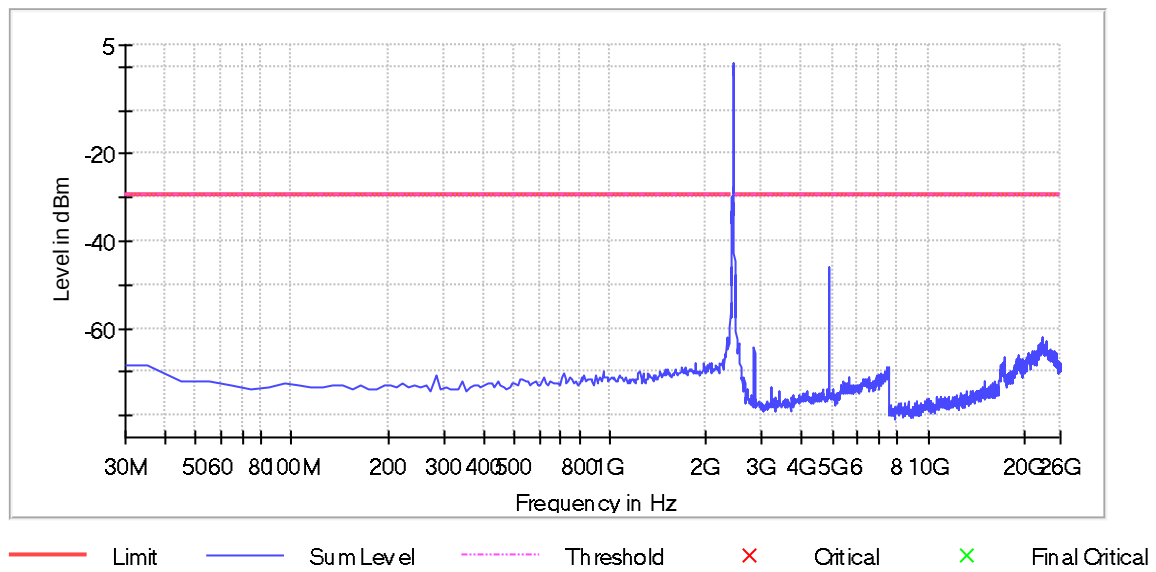
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|-----------------|-----------------------------|-------------|-------------|-------------|--------|
| ---             | ---                         | ---         | ---         | ---         | ---    |

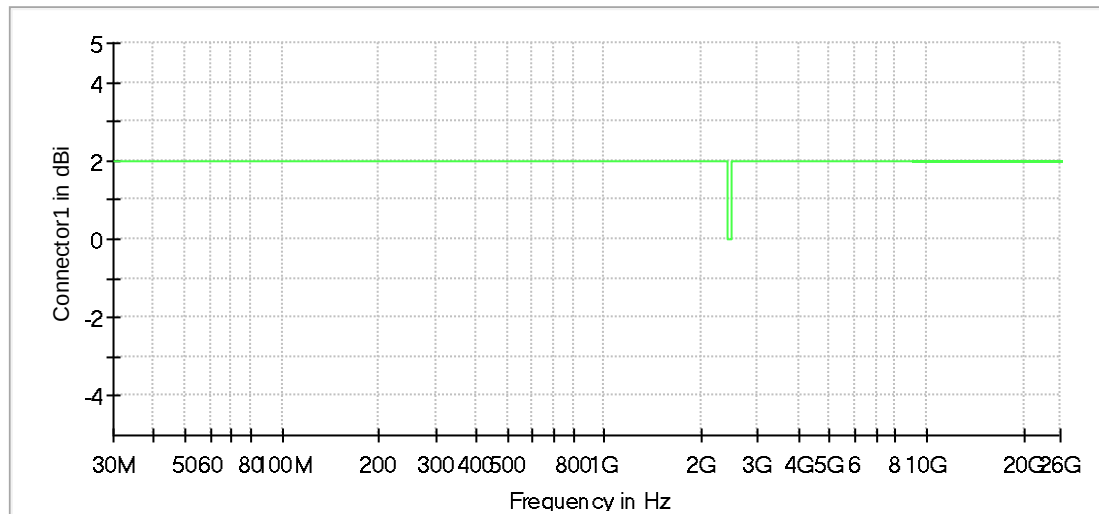
### Pre Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|-----------------|-------------|-------------|-------------|
| 4877.125903     | -46.1       | 16.8        | -29.3       |
| 2395.021008     | -55.0       | 25.7        | -29.3       |
| 2385.063025     | -59.5       | 30.3        | -29.3       |
| 2375.105042     | -60.1       | 30.8        | -29.3       |
| 2488.497131     | -60.6       | 31.3        | -29.3       |
| 2325.315126     | -61.9       | 32.7        | -29.3       |
| 22786.844560    | -62.2       | 32.9        | -29.3       |
| 2365.147059     | -62.3       | 33.0        | -29.3       |
| 22936.758500    | -62.6       | 33.3        | -29.3       |
| 2498.491394     | -62.6       | 33.4        | -29.3       |
| 2335.273109     | -62.9       | 33.6        | -29.3       |
| 23476.448683    | -63.1       | 33.8        | -29.3       |
| 22766.856035    | -63.3       | 34.0        | -29.3       |
| 2538.468445     | -63.3       | 34.1        | -29.3       |
| 22896.781449    | -63.4       | 34.1        | -29.3       |

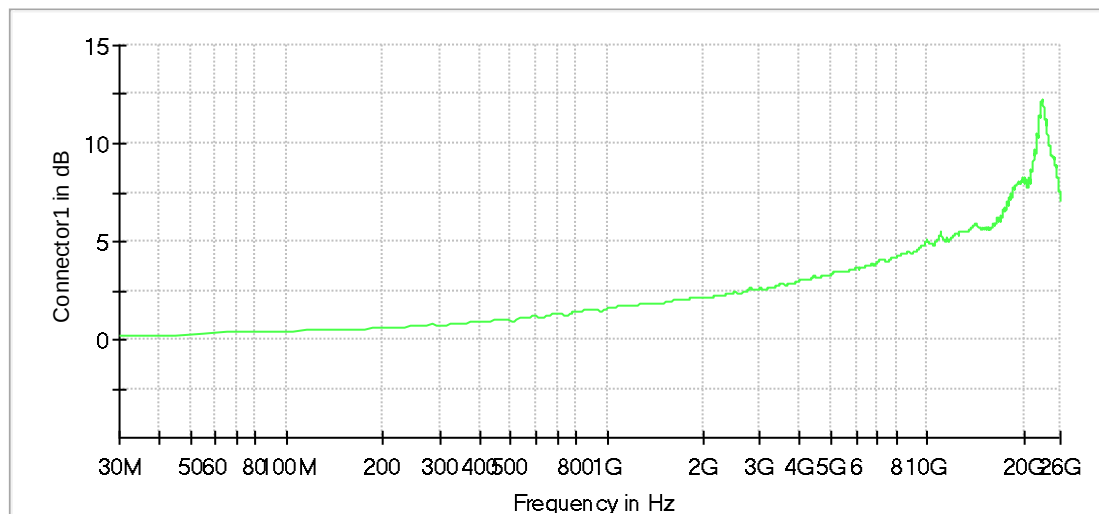
### Measurement Settings

| Start Frequency (MHz) | Stop Frequency (MHz) | Pre Measurement | Final Measurement |
|-----------------------|----------------------|-----------------|-------------------|
| 30.000000             | 2400.000000          | 1               | 1                 |
| 2400.000000           | 2483.500000          | 1               | 1                 |
| 2483.500000           | 26000.000000         | 1               | 1                 |





Connector1



Connector1

## Pre Measurement 1

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| RBW                   | 100.000 kHz      | <= 100.000 kHz |
| VBW                   | 300.000 kHz      | >= 300.000 kHz |
| SweepPoints           | 238              | ~ 238          |
| SweepTime             | 23.700 ms        | AUTO           |
| Reference Level       | -10.000 dBm      | -30.000 dBm    |
| Attenuation           | 20.000 dB        | AUTO           |
| Detector              | MaxPeak          | MaxPeak        |
| SweepCount            | 3                | 3              |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | Sweep            | AUTO           |
| Preamp                | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.50 dB          | 0.50 dB        |
| Run                   | 7 / max. 40      | max. 40        |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.04 dB          | 0.50 dB        |



## Tx Spurious Emission (2462 MHz; n-mode[MCS3] (16,5 dBm); 20 MHz)

Test according to FCC title 47 part 15 §15.247(d), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

### Result

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

### Final measurements

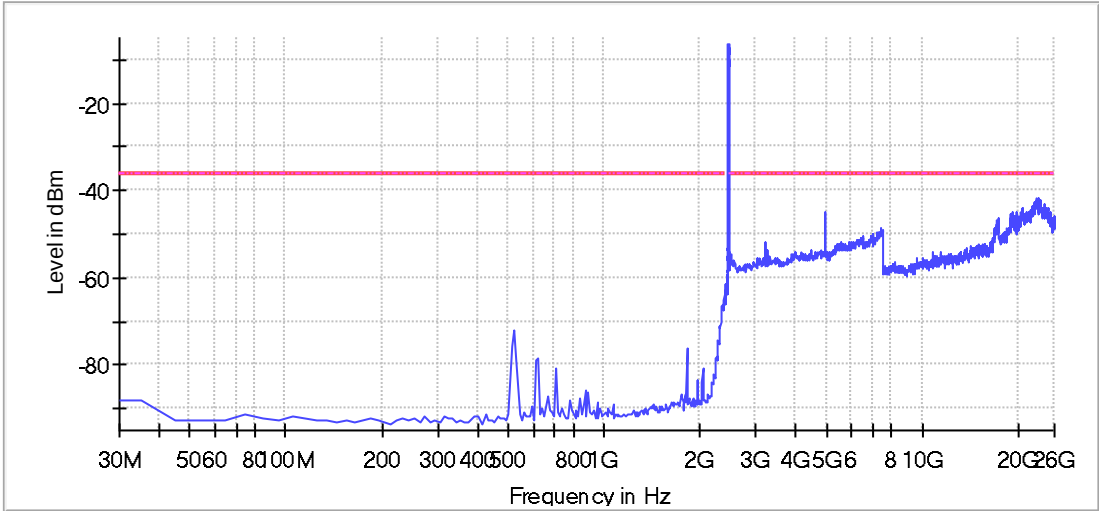
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|-----------------|-----------------------------|-------------|-------------|-------------|--------|
| ---             | ---                         | ---         | ---         | ---         | ---    |

### Pre Measurements

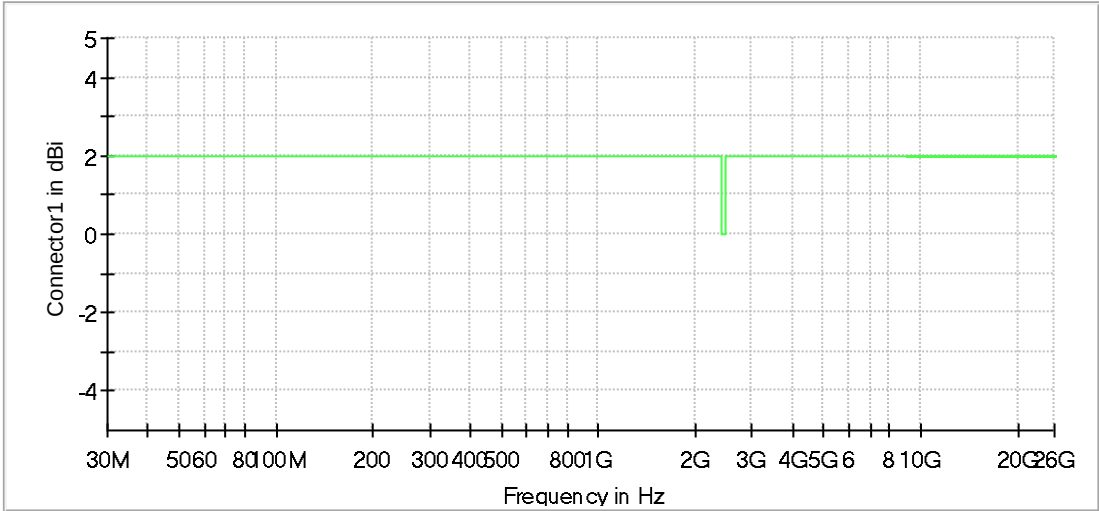
| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|-----------------|-------------|-------------|-------------|
| 23186.615066    | -41.9       | 5.6         | -36.3       |
| 22996.724076    | -41.9       | 5.6         | -36.3       |
| 23396.494581    | -42.2       | 5.9         | -36.3       |
| 23066.683914    | -42.3       | 6.0         | -36.3       |
| 22886.787187    | -42.4       | 6.1         | -36.3       |
| 22926.764237    | -42.4       | 6.1         | -36.3       |
| 22816.827348    | -42.4       | 6.1         | -36.3       |
| 22936.758500    | -42.5       | 6.2         | -36.3       |
| 22956.747025    | -42.7       | 6.4         | -36.3       |
| 22946.752762    | -42.8       | 6.5         | -36.3       |
| 22826.821611    | -42.8       | 6.6         | -36.3       |
| 22896.781449    | -42.9       | 6.6         | -36.3       |
| 23416.483107    | -42.9       | 6.6         | -36.3       |
| 22646.924883    | -42.9       | 6.6         | -36.3       |
| 22836.815873    | -42.9       | 6.6         | -36.3       |

### Measurement Settings

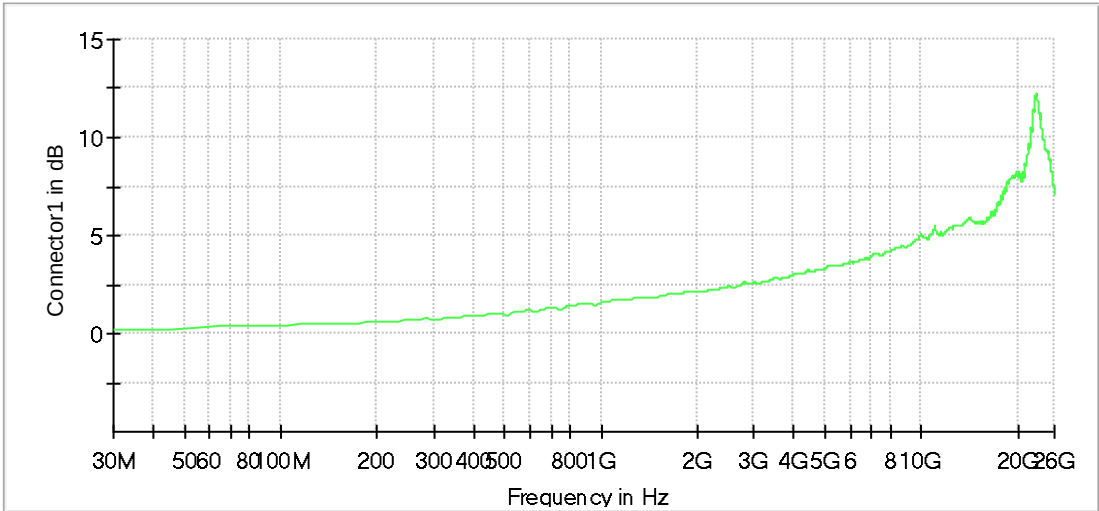
| Start Frequency (MHz) | Stop Frequency (MHz) | Pre Measurement | Final Measurement |
|-----------------------|----------------------|-----------------|-------------------|
| 30.000000             | 2400.000000          | 1               | 1                 |
| 2400.000000           | 2483.500000          | 1               | 1                 |
| 2483.500000           | 26000.000000         | 1               | 1                 |



— Limit    — Sum Level    - - - - - Threshold    × Critical    × Final Critical



Connector1



Connector1

Pre Measurement 1

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| RBW                   | 100.000 kHz      | <= 100.000 kHz |
| VBW                   | 300.000 kHz      | >= 300.000 kHz |
| SweepPoints           | 238              | ~ 238          |
| SweepTime             | 23.700 ms        | AUTO           |
| Reference Level       | -30.000 dBm      | -30.000 dBm    |
| Attenuation           | 0.000 dB         | AUTO           |
| Detector              | MaxPeak          | MaxPeak        |
| SweepCount            | 3                | 3              |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | Sweep            | AUTO           |
| Preamp                | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.50 dB          | 0.50 dB        |
| Run                   | 13 / max. 40     | max. 40        |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.00 dB          | 0.50 dB        |

# End Of Annex 1