

# Conducted test results

No.1-2366-26-01-06\_TR1-A201-R01

May 15, 2026

Test Standard(s)      FCC 15.247, ISED RSS247 - NI  
FCC 15.247 - NI

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## FCC 15.247, ISED RSS247 # Bandwidth 99PCT and 20dB ~ BT Classic Basic rate

### References

|                                               |                                                                |
|-----------------------------------------------|----------------------------------------------------------------|
| TC start                                      | 12.05.2026 10:50:24                                            |
| Ambit temp (test rack) [°C]   humidity [rel%] | not enabled   not enabled                                      |
| System version                                | 6.0.6.0                                                        |
| Standard   Version                            | FCC 15.247, ISED RSS247   NI                                   |
| Method                                        |                                                                |
| Description                                   | FCC 15.247 Bandwidth 99PCT - 20dB FHSS - BT Classic Basic Rate |
| Information                                   |                                                                |

### EUT Common Settings BT Classic

|                                    |                                                       |
|------------------------------------|-------------------------------------------------------|
| Intermodulation value N            | 3                                                     |
| Image freq. Low   Mid   High [MHz] | 0   0   0                                             |
| Power class                        | 1                                                     |
| Power control                      | No                                                    |
| Longest supported packet type      | DH5                                                   |
| RF Supported                       | Basic Rate True   EDR Pi/4DQPSK True   EDR 8DPSK True |
| Testmode                           | None                                                  |
| Perform inquiry                    | Yes                                                   |
| EUT BT address (if inquiry No)     | 0123456789AB                                          |
| Signaling BT address               | BABEBEDADBAD                                          |

### Equipment

|                                                               |
|---------------------------------------------------------------|
| Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.70 |
| Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0            |

### Test Parameter

|                                                  |                        |
|--------------------------------------------------|------------------------|
| Technology to test                               | BT Classic Basic rate  |
| EUT port                                         | EUT1                   |
| Temperature                                      | nom                    |
| Voltage                                          | nom                    |
| Frequency low to test                            | True   Freq [MHz] 2402 |
| Frequency mid to test                            | True   Freq [MHz] 2441 |
| Frequency high to test                           | True   Freq [MHz] 2480 |
| Auto control enabled power supply   Climatic Box | No   No                |
| Additional path loss [dB]                        | 0.7                    |
| Full path type                                   | EUT_SA_GEN_SIG         |

## Test Parameter

|                |                                           |
|----------------|-------------------------------------------|
| Full path name | EUT1.MP.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/ |
| Switch bits    | 00010001:00010001:00000000:00000001       |

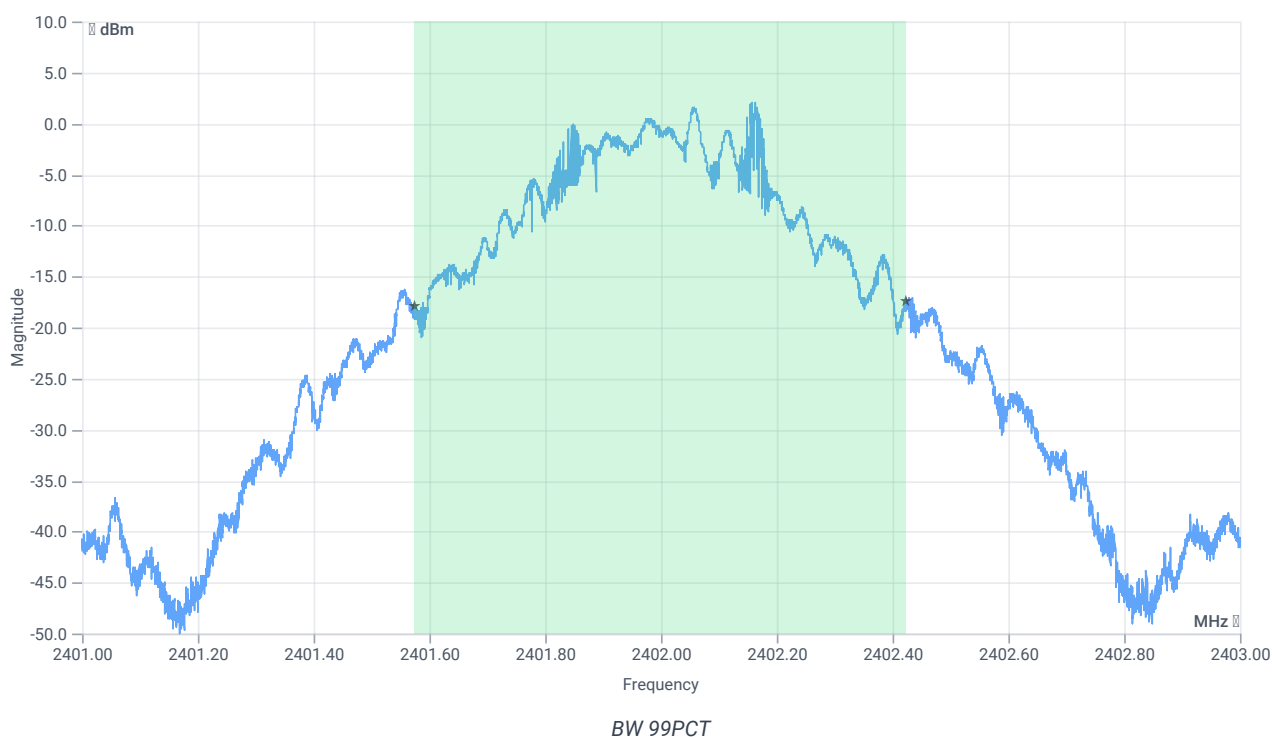
## Test at TX 2402 MHz

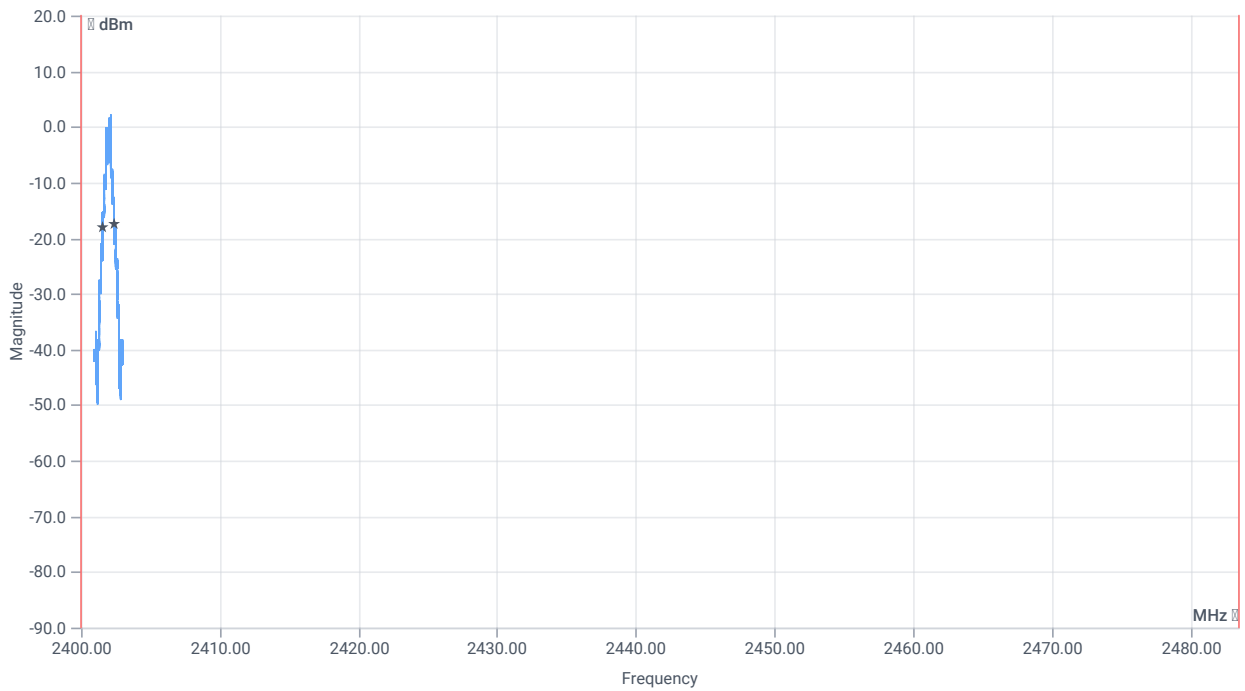
RESULT: Reference power cond.

| DESCRIPTION                   | LOWER LIMIT | UPPER LIMIT | MEASURED | UNIT | VERDICT |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. power<br>1MHz/1MHz cond. | ---         | ---         | 4.97     | dBm  | INFO    |
| Ref. frequency                | ---         | ---         | 2402.200 | MHz  | INFO    |

### READ SA SETTINGS:

|                                                      |                        |
|------------------------------------------------------|------------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 9.97   9.26   20       |
| Start [MHz]   Stop [MHz]                             | 2401.000   2403.000    |
| RBW [MHz]   VBW [MHz]                                | 0.020000   0.100000    |
| Detector   TraceMode                                 | POS   MAXH             |
| Sweep: time [ms]   count   points per Section   type | 50   200   10001   SWE |

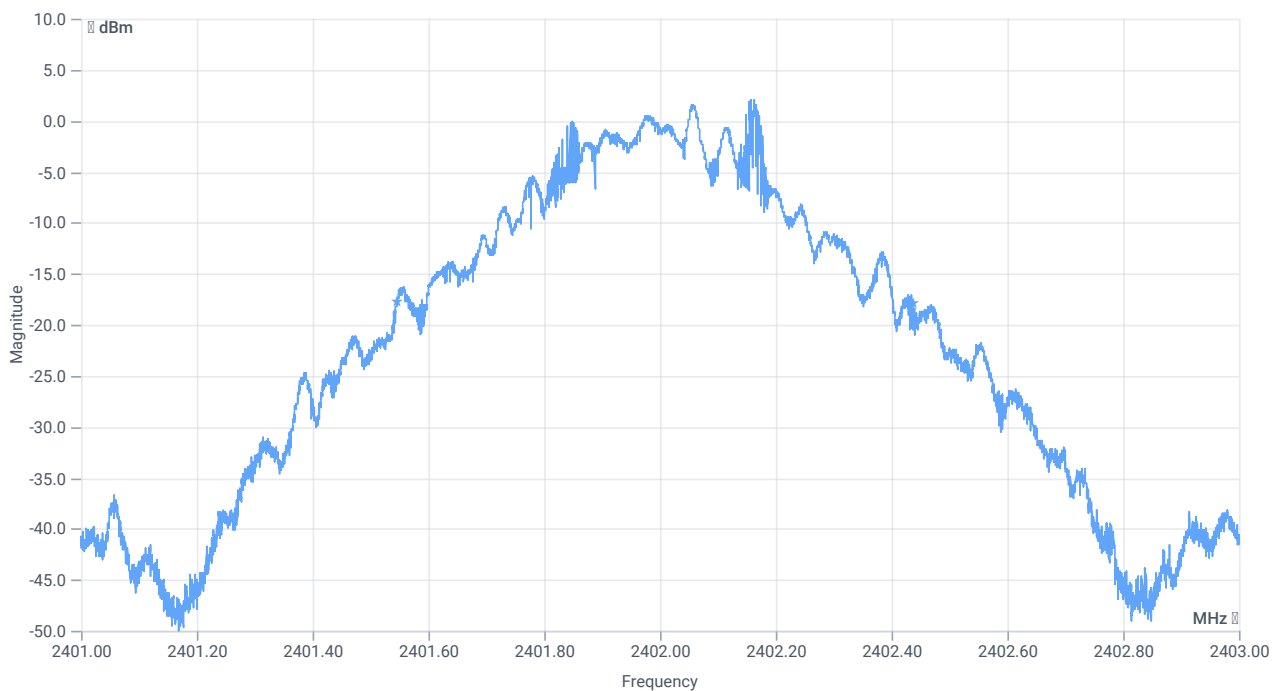




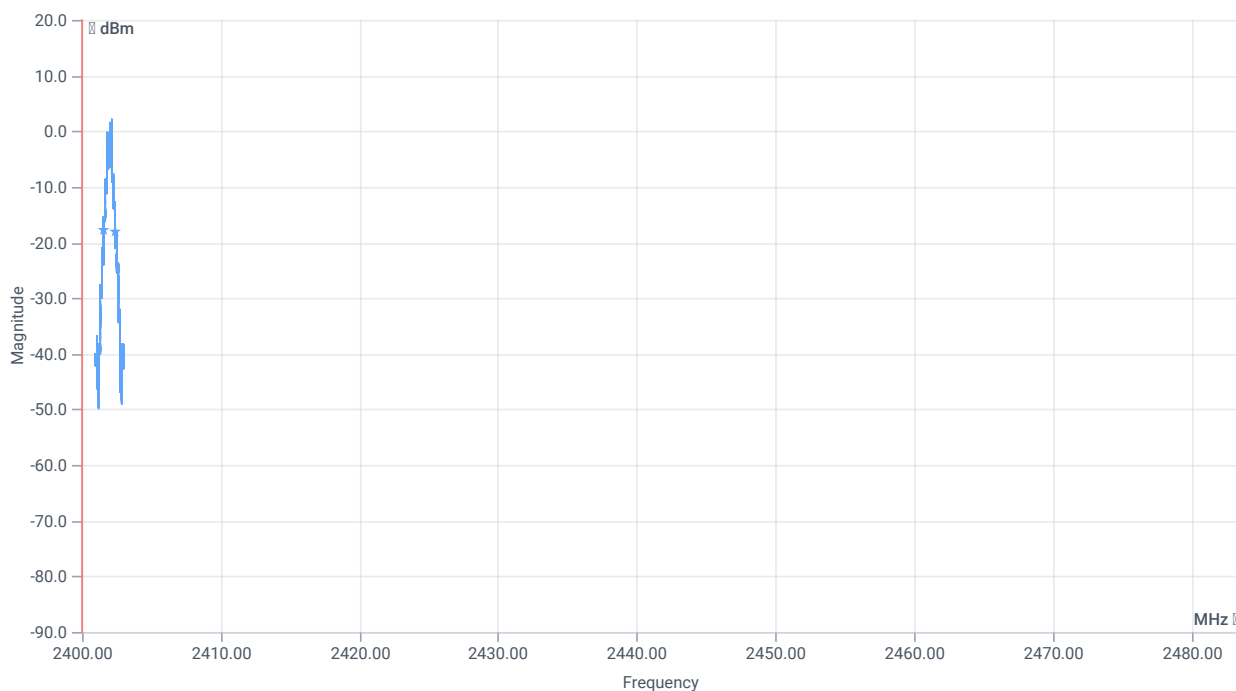
*BW within Band 99PCT*

## RESULT

| DESCRIPTION   | LOWER LIMIT | UPPER LIMIT | MEASURED  | UNIT | VERDICT |
|---------------|-------------|-------------|-----------|------|---------|
| Bandwidth 99% | ---         | ---         | 849.000   | kHz  | INFO    |
| T1 99%        | 2400.000000 | ---         | 2401.5730 | MHz  | PASS    |
| T2 99%        | ---         | 2483.500000 | 2402.4224 | MHz  | PASS    |



BW 20dB



BW within band 20dB

## RESULT

| DESCRIPTION    | LOWER LIMIT | UPPER LIMIT | MEASURED  | UNIT | VERDICT |
|----------------|-------------|-------------|-----------|------|---------|
| Bandwidth 20dB | ---         | ---         | 892       | kHz  | INFO    |
| T1 20dB        | 2400.000000 | ---         | 2401.5448 | MHz  | PASS    |
| T2 20dB        | ---         | 2483.500000 | 2402.4366 | MHz  | PASS    |

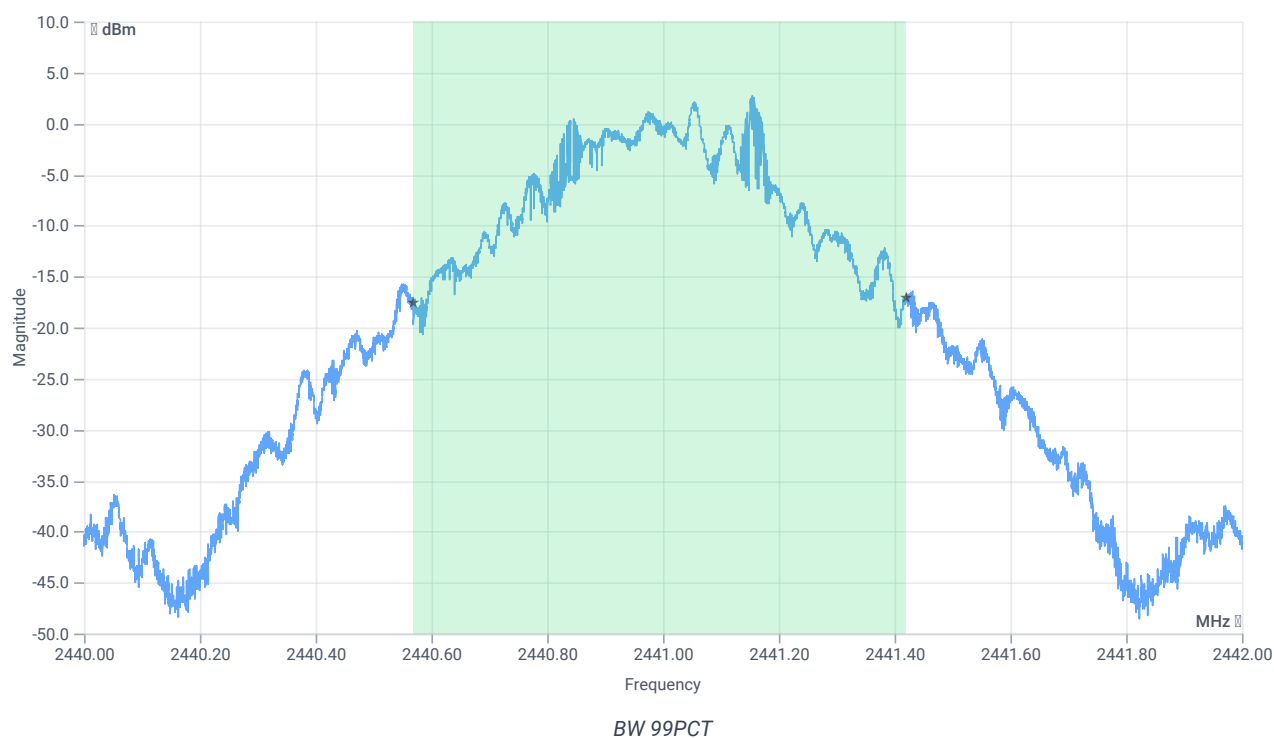
## Test at TX 2441 MHz

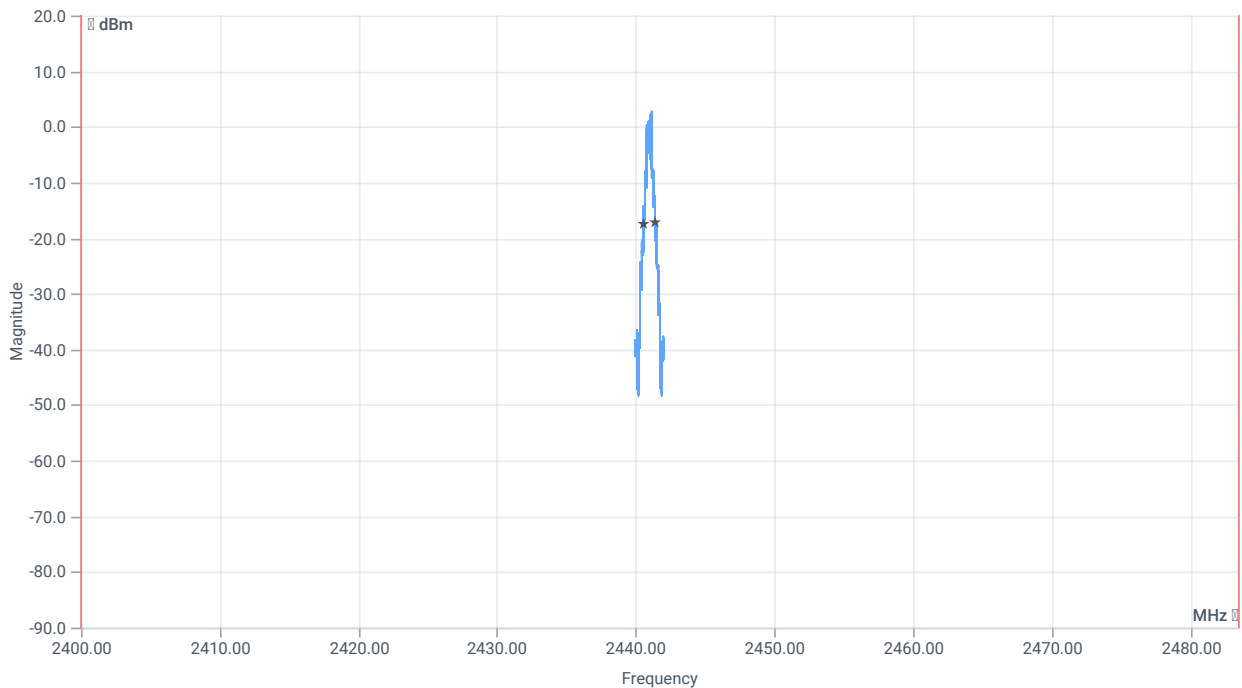
RESULT: Reference power cond.

| DESCRIPTION                   | LOWER LIMIT | UPPER LIMIT | MEASURED | UNIT | VERDICT |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. power<br>1MHz/1MHz cond. | ---         | ---         | 5.51     | dBm  | INFO    |
| Ref. frequency                | ---         | ---         | 2441.200 | MHz  | INFO    |

### READ SA SETTINGS:

|                                                      |                        |
|------------------------------------------------------|------------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 10.51   9.28   20      |
| Start [MHz]   Stop [MHz]                             | 2440.000   2442.000    |
| RBW [MHz]   VBW [MHz]                                | 0.020000   0.100000    |
| Detector   TraceMode                                 | POS   MAXH             |
| Sweep: time [ms]   count   points per Section   type | 50   200   10001   SWE |





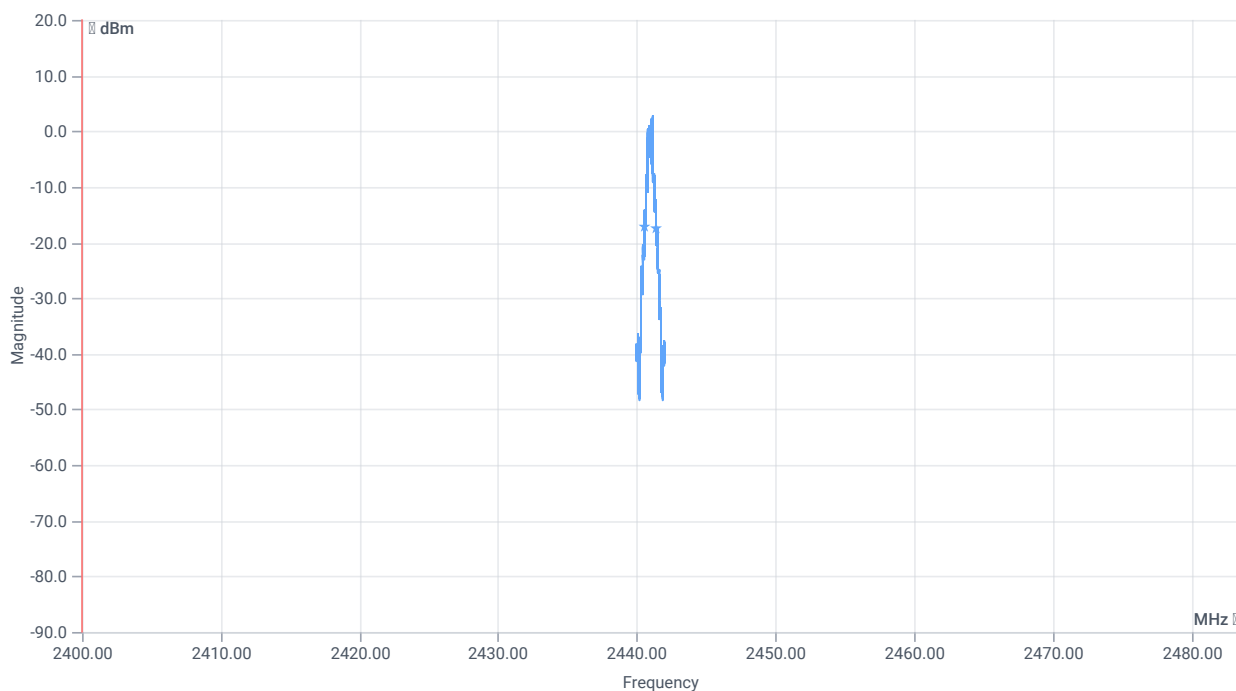
*BW within Band 99PCT*

## RESULT

| DESCRIPTION   | LOWER LIMIT | UPPER LIMIT | MEASURED  | UNIT | VERDICT |
|---------------|-------------|-------------|-----------|------|---------|
| Bandwidth 99% | ---         | ---         | 852.000   | kHz  | INFO    |
| T1 99%        | 2400.000000 | ---         | 2440.5680 | MHz  | PASS    |
| T2 99%        | ---         | 2483.500000 | 2441.4204 | MHz  | PASS    |



BW 20dB



BW within band 20dB

## RESULT

| DESCRIPTION    | LOWER LIMIT | UPPER LIMIT | MEASURED  | UNIT | VERDICT |
|----------------|-------------|-------------|-----------|------|---------|
| Bandwidth 20dB | ---         | ---         | 892       | kHz  | INFO    |
| T1 20dB        | 2400.000000 | ---         | 2440.5414 | MHz  | PASS    |
| T2 20dB        | ---         | 2483.500000 | 2441.4334 | MHz  | PASS    |

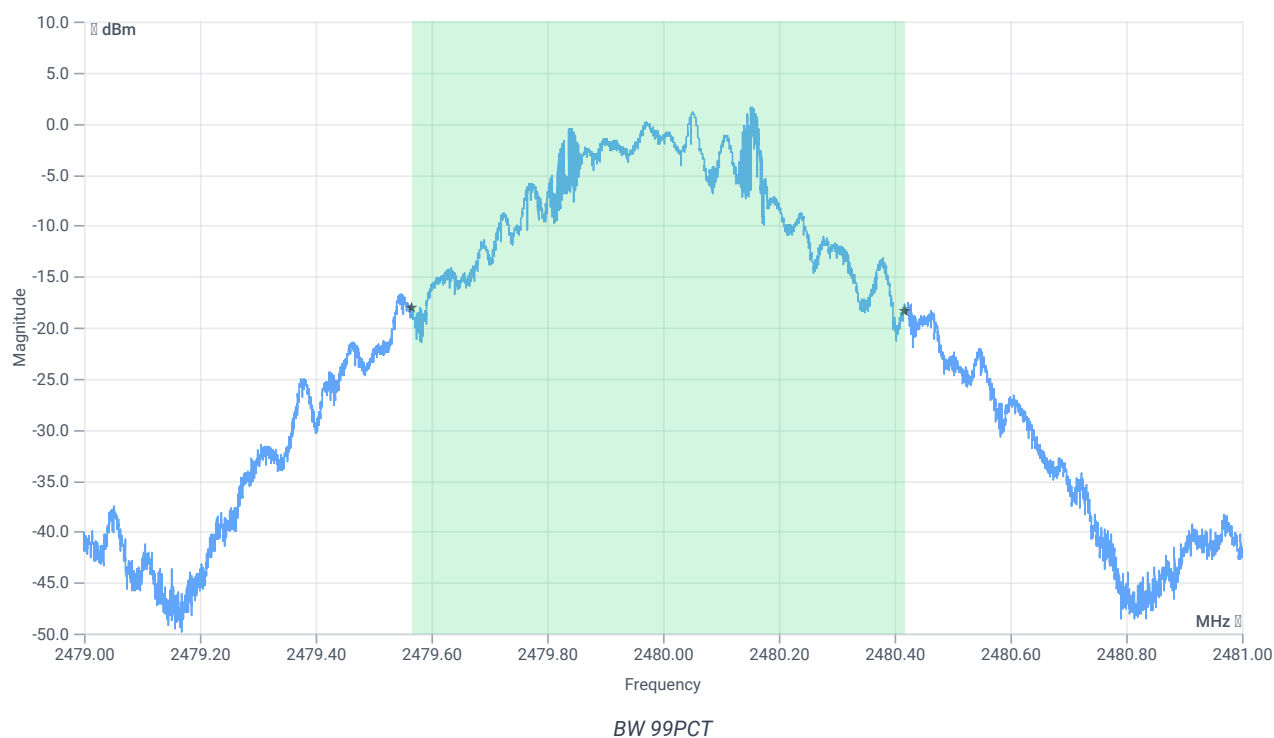
## Test at TX 2480 MHz

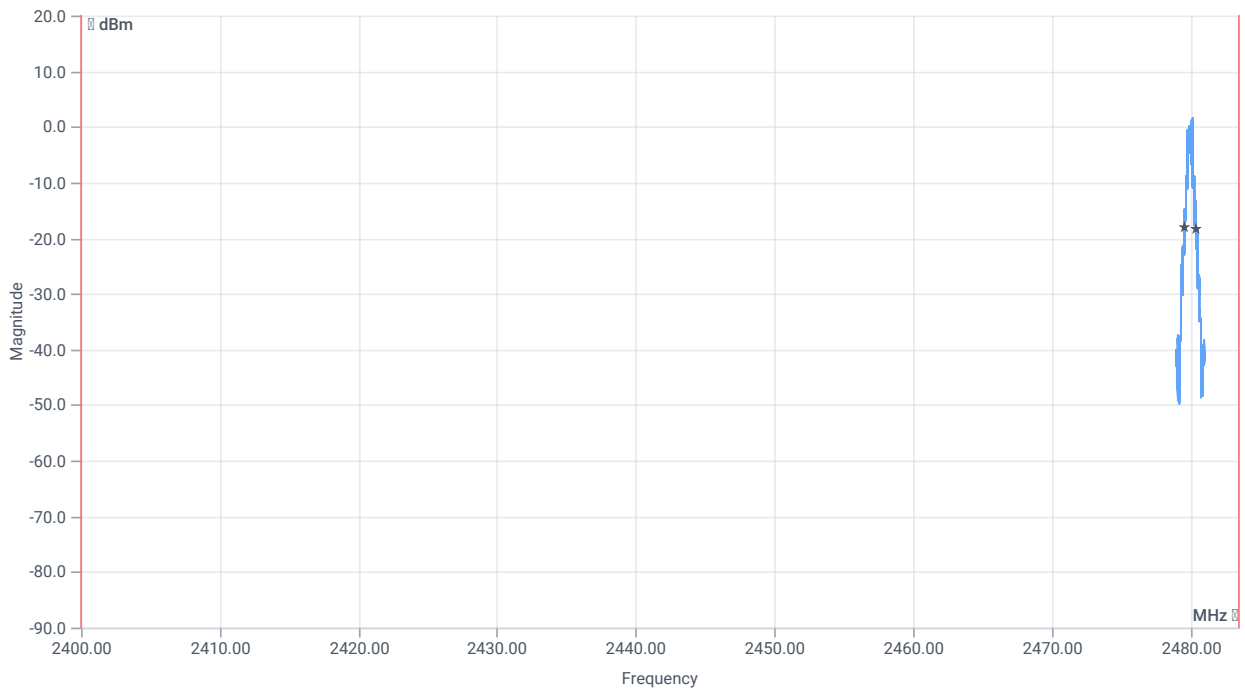
RESULT: Reference power cond.

| DESCRIPTION                   | LOWER LIMIT | UPPER LIMIT | MEASURED | UNIT | VERDICT |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. power<br>1MHz/1MHz cond. | ---         | ---         | 4.52     | dBm  | INFO    |
| Ref. frequency                | ---         | ---         | 2479.800 | MHz  | INFO    |

### READ SA SETTINGS:

|                                                      |                        |
|------------------------------------------------------|------------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 9.52   9.41   20       |
| Start [MHz]   Stop [MHz]                             | 2479.000   2481.000    |
| RBW [MHz]   VBW [MHz]                                | 0.020000   0.100000    |
| Detector   TraceMode                                 | POS   MAXH             |
| Sweep: time [ms]   count   points per Section   type | 50   200   10001   SWE |





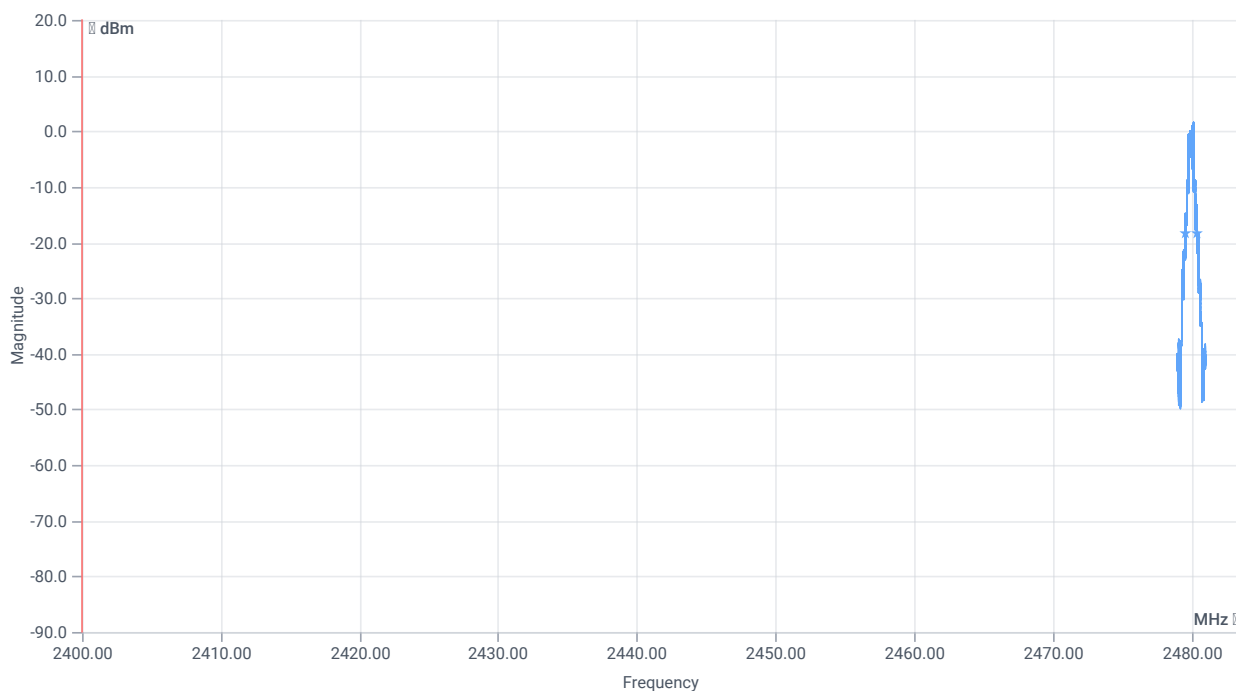
*BW within Band 99PCT*

## RESULT

| DESCRIPTION   | LOWER LIMIT | UPPER LIMIT | MEASURED  | UNIT | VERDICT |
|---------------|-------------|-------------|-----------|------|---------|
| Bandwidth 99% | ---         | ---         | 851.000   | kHz  | INFO    |
| T1 99%        | 2400.000000 | ---         | 2479.5650 | MHz  | PASS    |
| T2 99%        | ---         | 2483.500000 | 2480.4164 | MHz  | PASS    |



BW 20dB



BW within band 20dB

## RESULT

| DESCRIPTION    | LOWER LIMIT | UPPER LIMIT | MEASURED  | UNIT | VERDICT |
|----------------|-------------|-------------|-----------|------|---------|
| Bandwidth 20dB | ---         | ---         | 891       | kHz  | INFO    |
| T1 20dB        | 2400.000000 | ---         | 2479.5386 | MHz  | PASS    |
| T2 20dB        | ---         | 2483.500000 | 2480.4300 | MHz  | PASS    |

Verdict

PASS

# FCC 15.247, ISED RSS247 # Bandwidth 99PCT and 20dB ~ BT Classic EDR Pi/4DQPSK

## References

|                                               |                                                                   |
|-----------------------------------------------|-------------------------------------------------------------------|
| TC start                                      | 12.05.2026 11:49:56                                               |
| Ambit temp (test rack) [°C]   humidity [rel%] | not enabled   not enabled                                         |
| System version                                | 6.0.6.0                                                           |
| Standard   Version                            | FCC 15.247, ISED RSS247   NI                                      |
| Method                                        |                                                                   |
| Description                                   | FCC 15.247 Bandwidth 99PCT - 20dB FHSS - BT Classic EDR Pi/4DQPSK |
| Information                                   |                                                                   |

## EUT Common Settings BT Classic

|                                    |                                                       |
|------------------------------------|-------------------------------------------------------|
| Intermodulation value N            | 3                                                     |
| Image freq. Low   Mid   High [MHz] | 0   0   0                                             |
| Power class                        | 1                                                     |
| Power control                      | No                                                    |
| Longest supported packet type      | DH5                                                   |
| RF Supported                       | Basic Rate True   EDR Pi/4DQPSK True   EDR 8DPSK True |
| Testmode                           | None                                                  |
| Perform inquiry                    | Yes                                                   |
| EUT BT address (if inquiry No)     | 0123456789AB                                          |
| Signaling BT address               | BABEBEDADBAD                                          |

## Equipment

|                                                               |
|---------------------------------------------------------------|
| Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.70 |
| Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0            |

## Test Parameter

|                                                  |                          |
|--------------------------------------------------|--------------------------|
| Technology to test                               | BT Classic EDR Pi/4DQPSK |
| EUT port                                         | EUT1                     |
| Temperature                                      | nom                      |
| Voltage                                          | nom                      |
| Frequency low to test                            | True   Freq [MHz] 2402   |
| Frequency mid to test                            | True   Freq [MHz] 2441   |
| Frequency high to test                           | True   Freq [MHz] 2480   |
| Auto control enabled power supply   Climatic Box | No   No                  |
| Additional path loss [dB]                        | 0.7                      |

## Test Parameter

|                |                                           |
|----------------|-------------------------------------------|
| Full path type | EUT_SA_GEN_SIG                            |
| Full path name | EUT1.MP.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/ |
| Switch bits    | 00010001:00010001:00000000:00000001       |

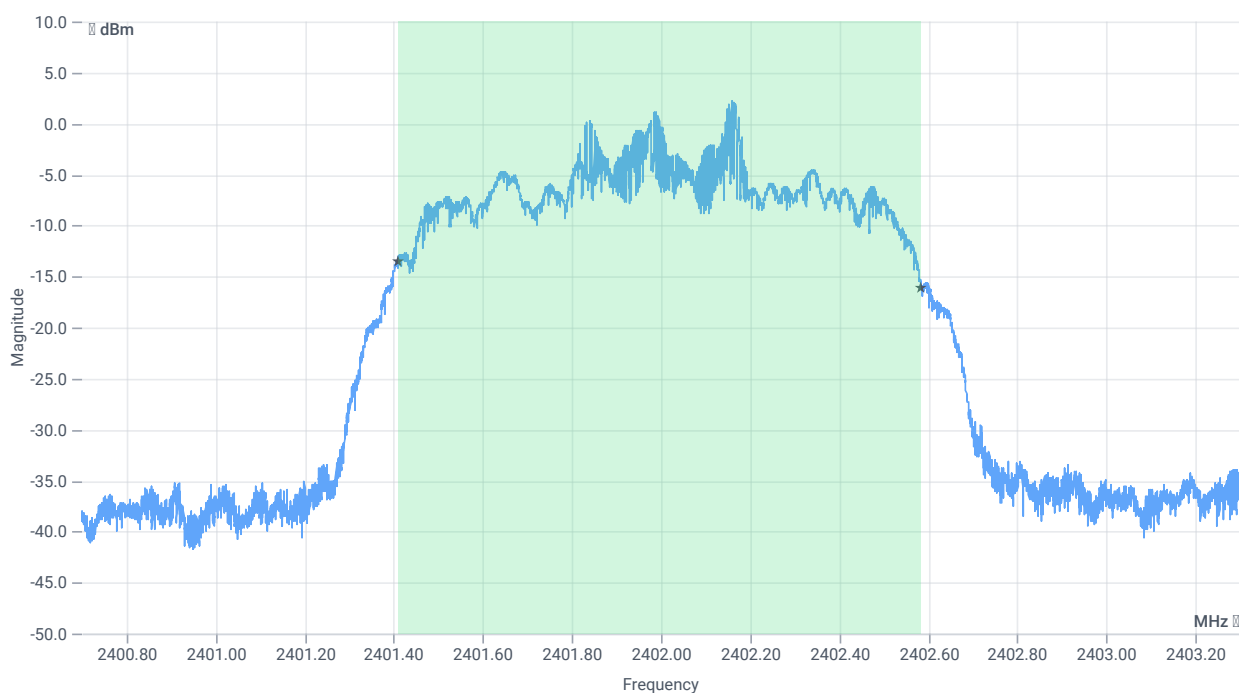
## Test at TX 2402 MHz

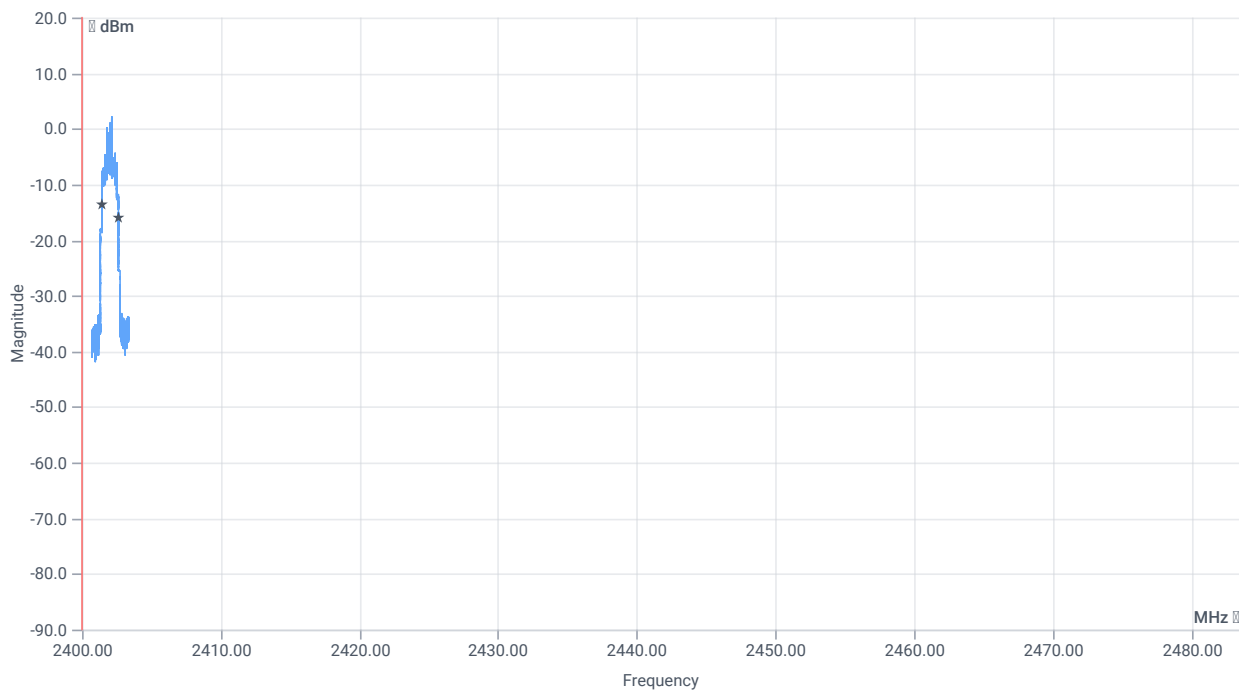
RESULT: Reference power cond.

| DESCRIPTION                   | LOWER LIMIT | UPPER LIMIT | MEASURED | UNIT | VERDICT |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. power<br>1MHz/1MHz cond. | ---         | ---         | 4.12     | dBm  | INFO    |
| Ref. frequency                | ---         | ---         | 2402.200 | MHz  | INFO    |

### READ SA SETTINGS:

|                                                      |                        |
|------------------------------------------------------|------------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 9.12   9.26   15       |
| Start [MHz]   Stop [MHz]                             | 2400.700   2403.300    |
| RBW [MHz]   VBW [MHz]                                | 0.030000   0.100000    |
| Detector   TraceMode                                 | POS   MAXH             |
| Sweep: time [ms]   count   points per Section   type | 50   200   10001   SWE |

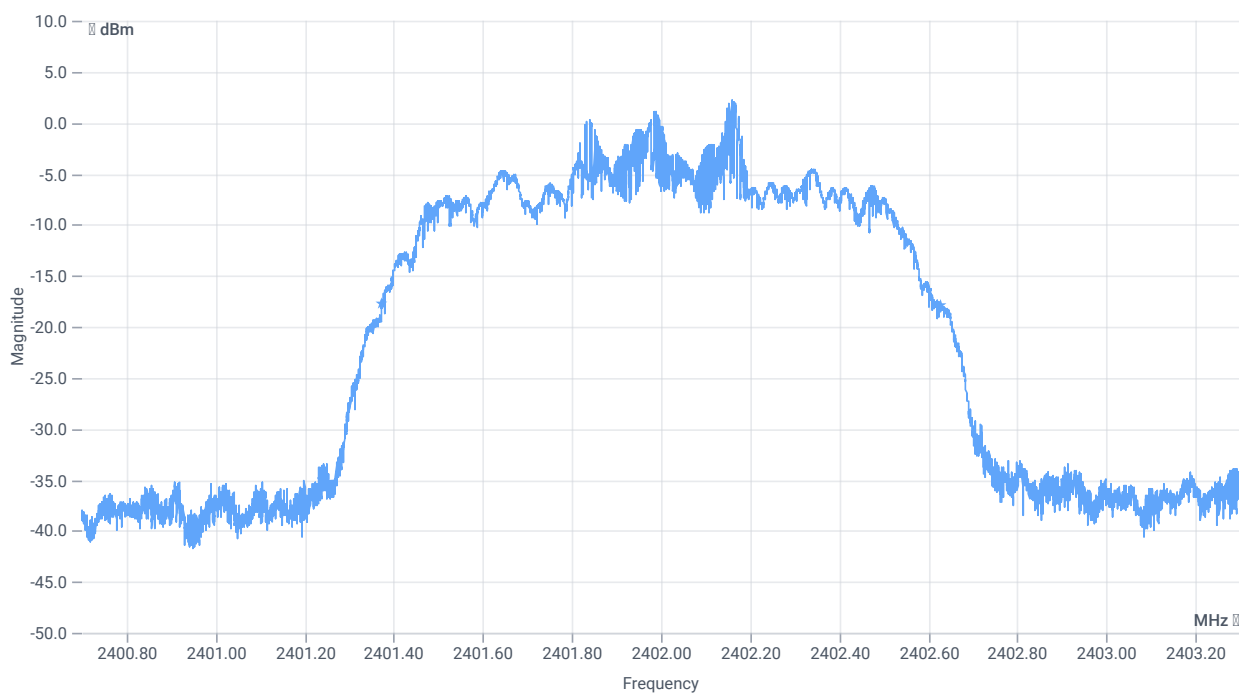




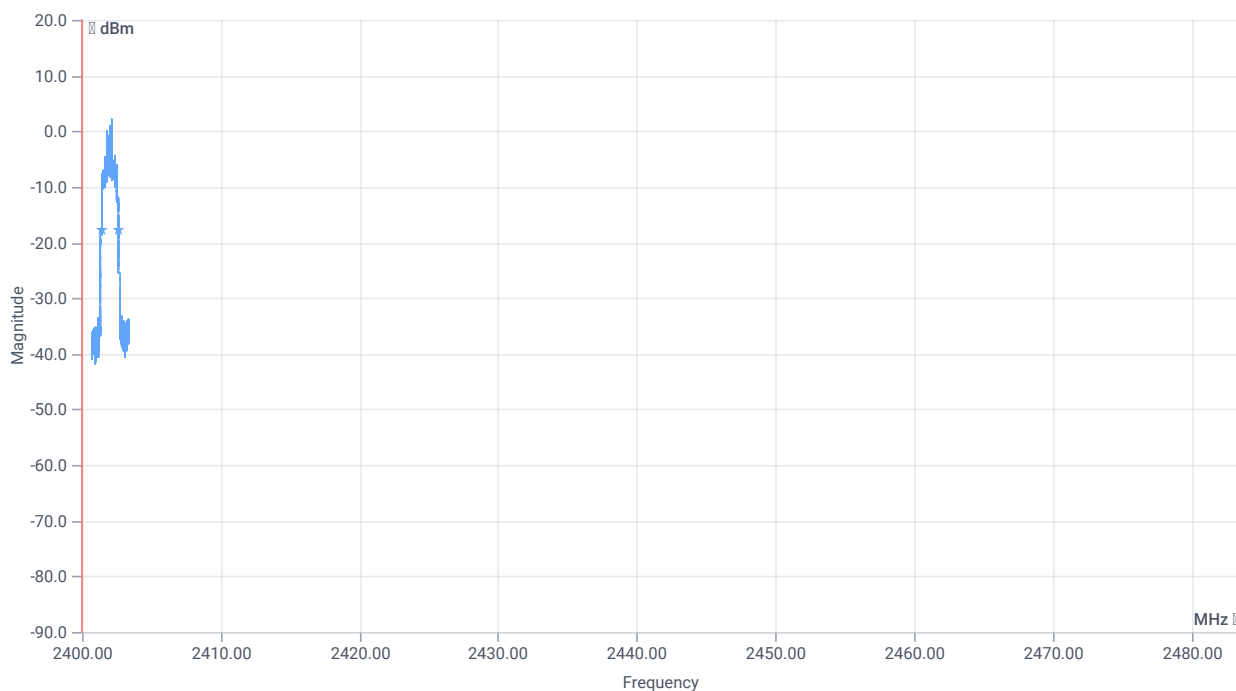
*BW within Band 99PCT*

## RESULT

| DESCRIPTION   | LOWER LIMIT | UPPER LIMIT | MEASURED  | UNIT | VERDICT |
|---------------|-------------|-------------|-----------|------|---------|
| Bandwidth 99% | ---         | ---         | 1177.000  | kHz  | INFO    |
| T1 99%        | 2400.000000 | ---         | 2401.4080 | MHz  | PASS    |
| T2 99%        | ---         | 2483.500000 | 2402.5847 | MHz  | PASS    |



BW 20dB



BW within band 20dB

## RESULT

| DESCRIPTION    | LOWER LIMIT | UPPER LIMIT | MEASURED  | UNIT | VERDICT |
|----------------|-------------|-------------|-----------|------|---------|
| Bandwidth 20dB | ---         | ---         | 1255      | kHz  | INFO    |
| T1 20dB        | 2400.000000 | ---         | 2401.3726 | MHz  | PASS    |
| T2 20dB        | ---         | 2483.500000 | 2402.6279 | MHz  | PASS    |

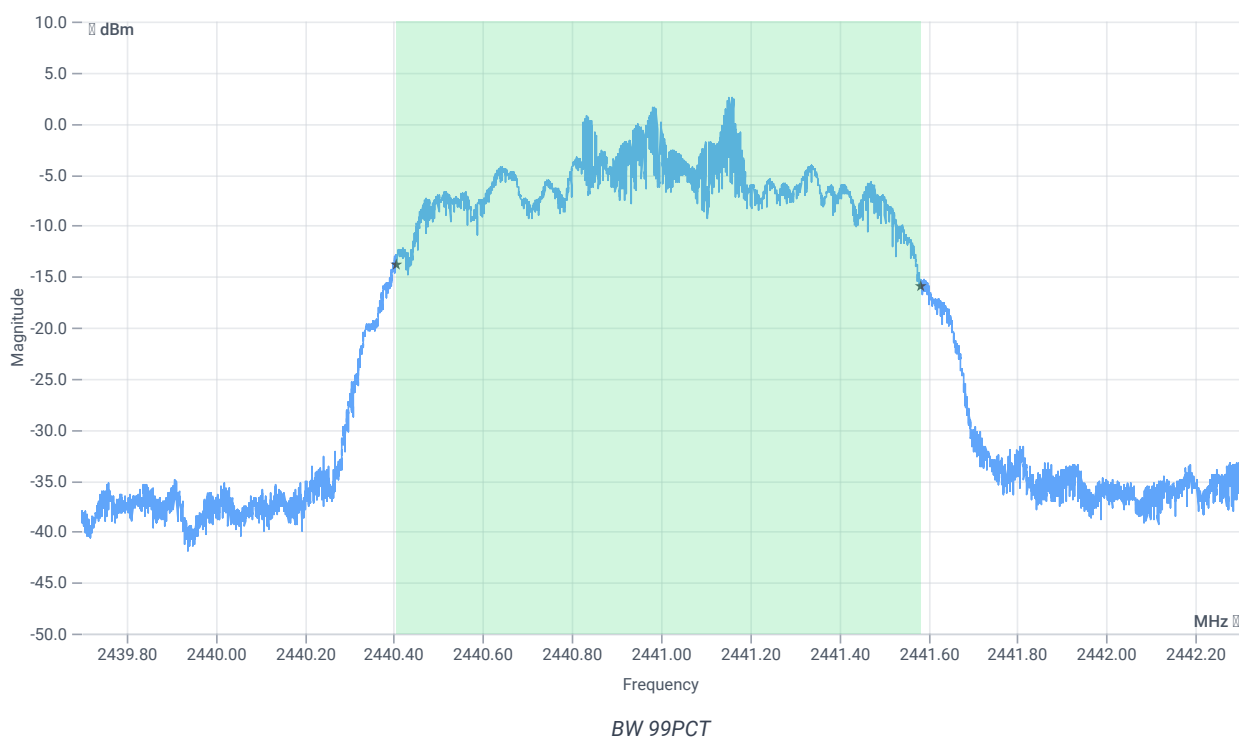
## Test at TX 2441 MHz

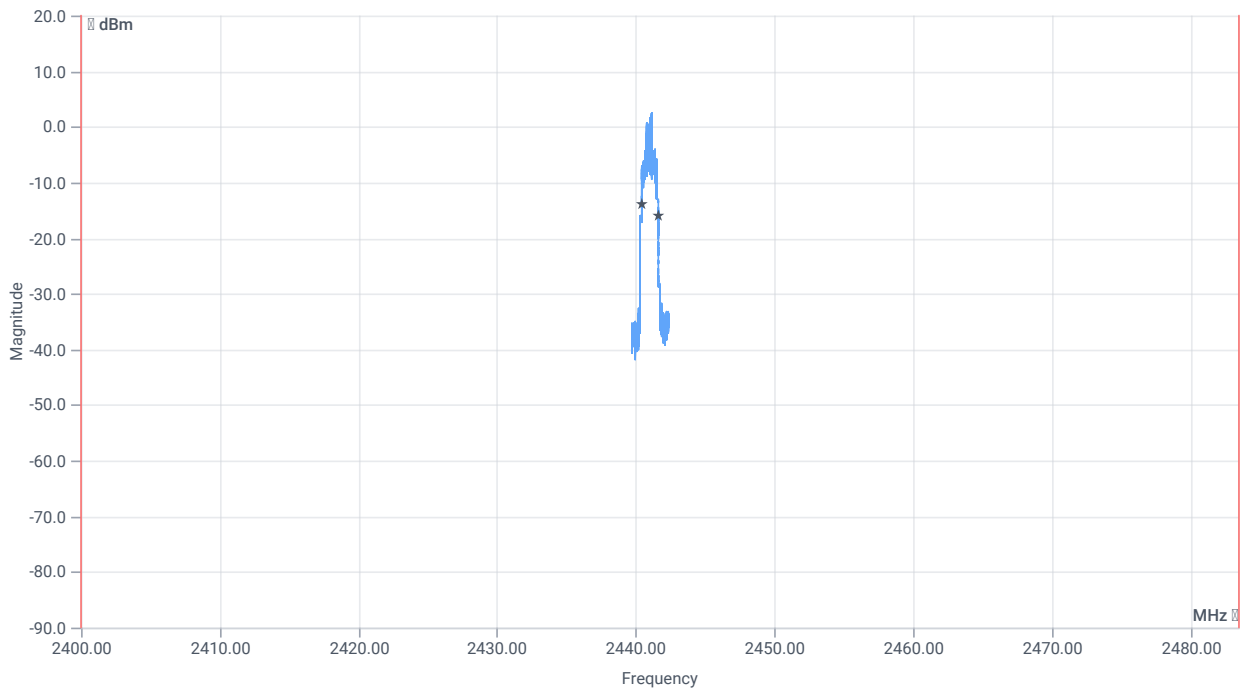
RESULT: Reference power cond.

| DESCRIPTION                   | LOWER LIMIT | UPPER LIMIT | MEASURED | UNIT | VERDICT |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. power<br>1MHz/1MHz cond. | ---         | ---         | 4.57     | dBm  | INFO    |
| Ref. frequency                | ---         | ---         | 2440.900 | MHz  | INFO    |

### READ SA SETTINGS:

|                                                      |                        |
|------------------------------------------------------|------------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 9.57   9.28   20       |
| Start [MHz]   Stop [MHz]                             | 2439.700   2442.300    |
| RBW [MHz]   VBW [MHz]                                | 0.030000   0.100000    |
| Detector   TraceMode                                 | POS   MAXH             |
| Sweep: time [ms]   count   points per Section   type | 50   200   10001   SWE |

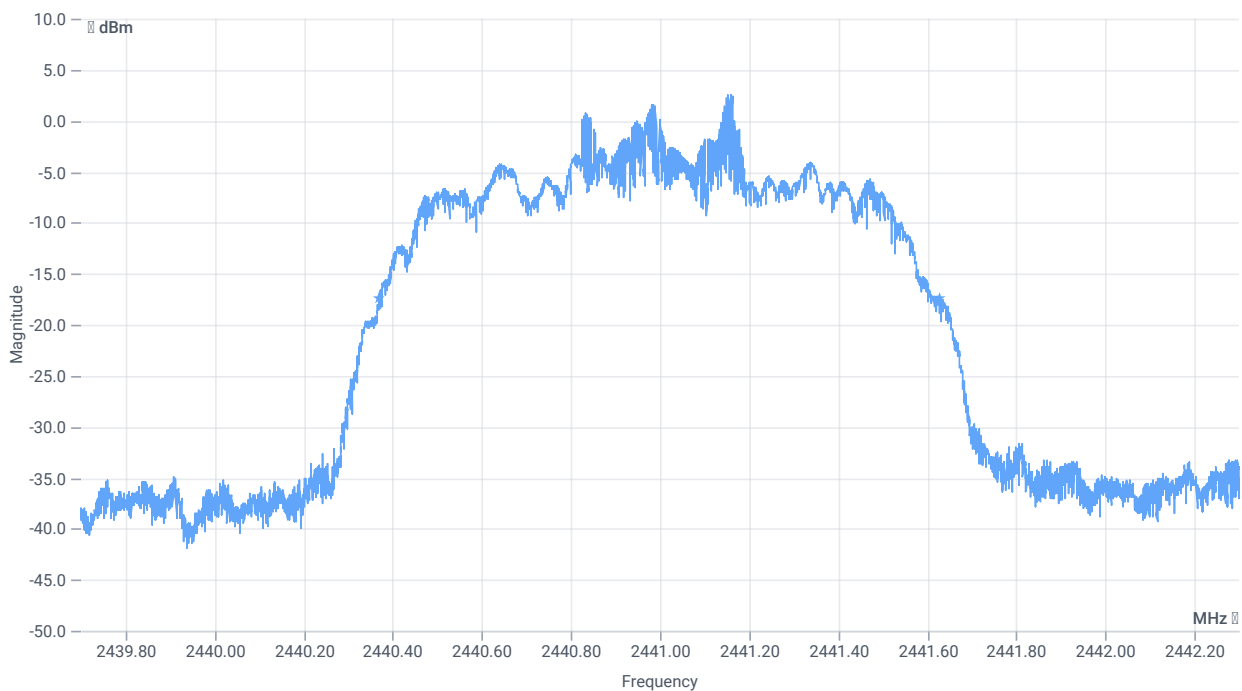




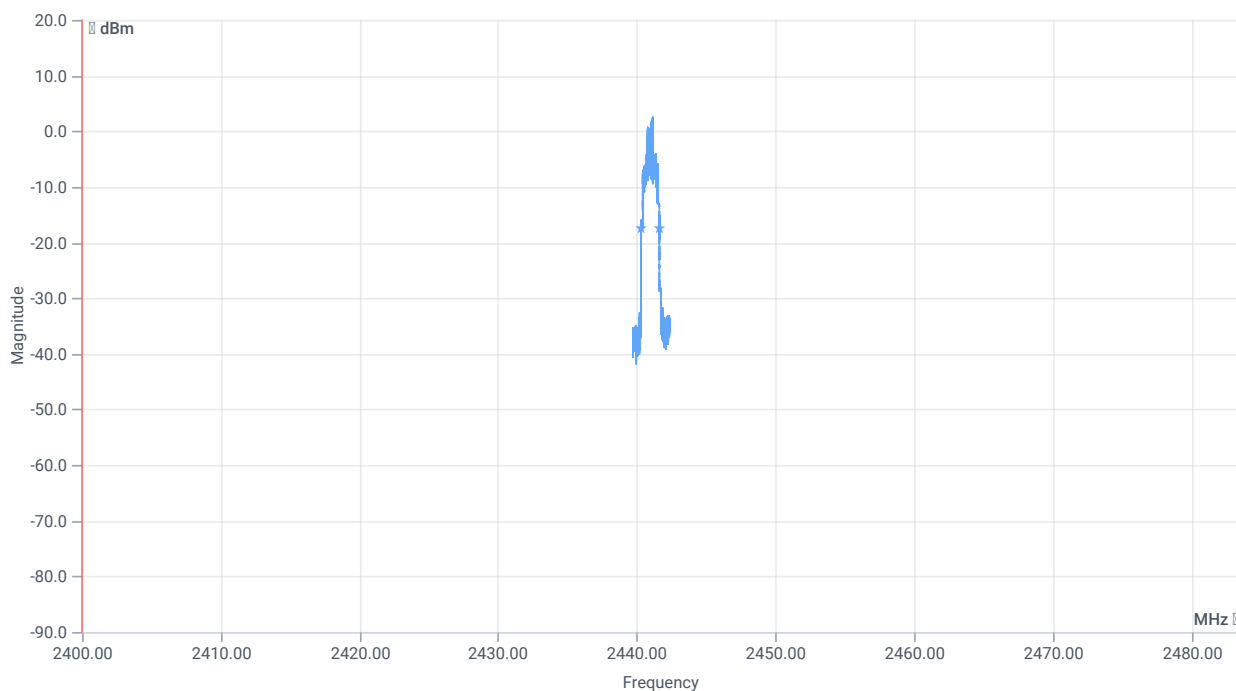
*BW within Band 99PCT*

## RESULT

| DESCRIPTION   | LOWER LIMIT | UPPER LIMIT | MEASURED  | UNIT | VERDICT |
|---------------|-------------|-------------|-----------|------|---------|
| Bandwidth 99% | ---         | ---         | 1176.000  | kHz  | INFO    |
| T1 99%        | 2400.000000 | ---         | 2440.4057 | MHz  | PASS    |
| T2 99%        | ---         | 2483.500000 | 2441.5821 | MHz  | PASS    |



BW 20dB



BW within band 20dB

## RESULT

| DESCRIPTION    | LOWER LIMIT | UPPER LIMIT | MEASURED  | UNIT | VERDICT |
|----------------|-------------|-------------|-----------|------|---------|
| Bandwidth 20dB | ---         | ---         | 1258      | kHz  | INFO    |
| T1 20dB        | 2400.000000 | ---         | 2440.3690 | MHz  | PASS    |
| T2 20dB        | ---         | 2483.500000 | 2441.6274 | MHz  | PASS    |

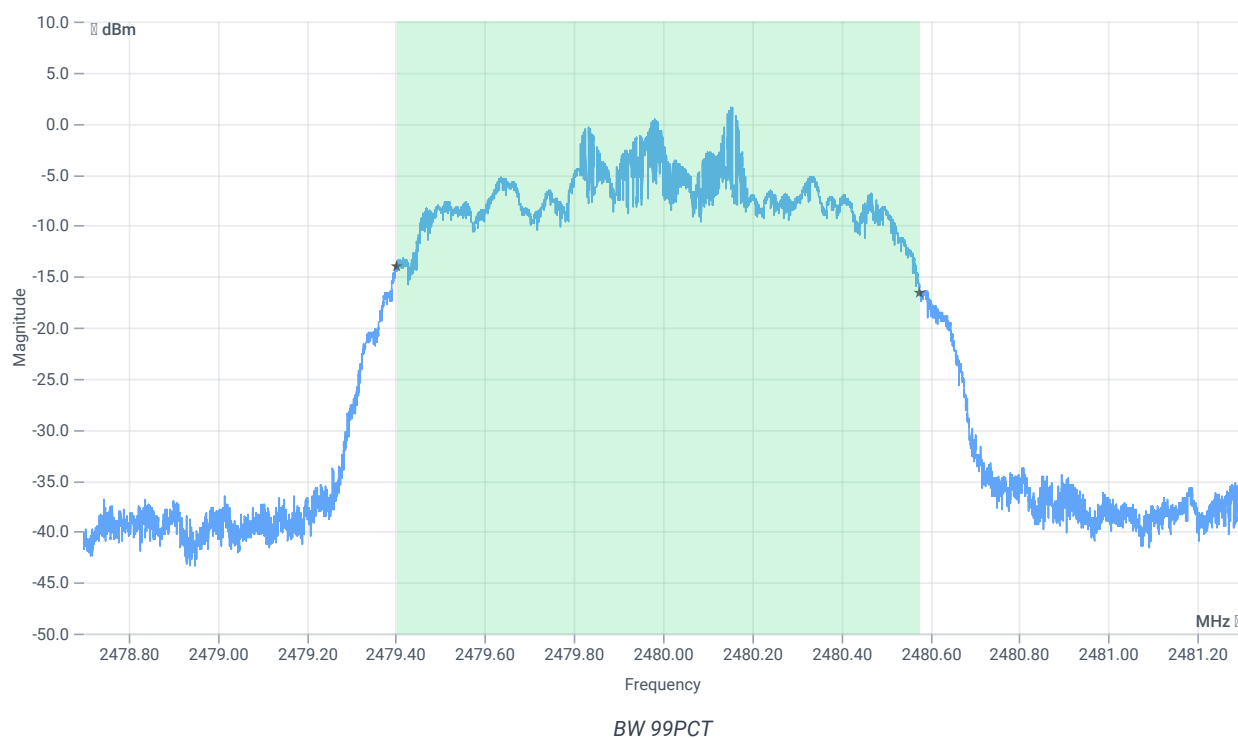
## Test at TX 2480 MHz

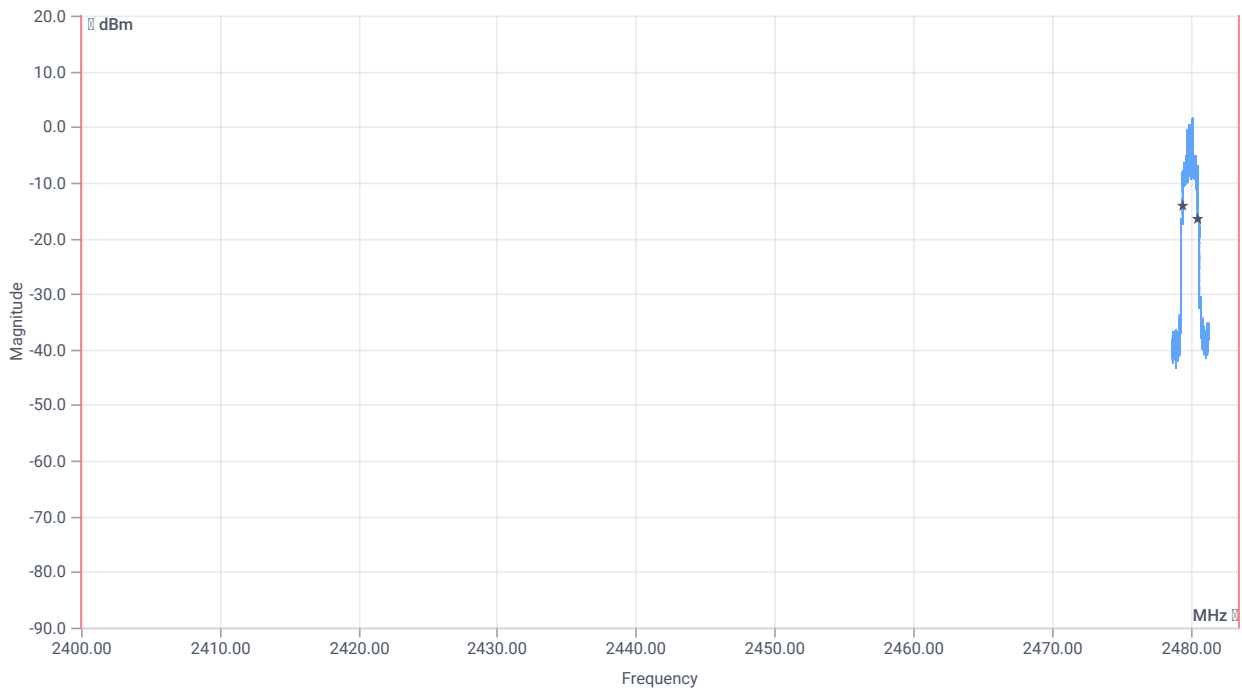
RESULT: Reference power cond.

| DESCRIPTION                   | LOWER LIMIT | UPPER LIMIT | MEASURED | UNIT | VERDICT |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. power<br>1MHz/1MHz cond. | ---         | ---         | 3.71     | dBm  | INFO    |
| Ref. frequency                | ---         | ---         | 2479.800 | MHz  | INFO    |

### READ SA SETTINGS:

|                                                      |                        |
|------------------------------------------------------|------------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 8.71   9.41   15       |
| Start [MHz]   Stop [MHz]                             | 2478.700   2481.300    |
| RBW [MHz]   VBW [MHz]                                | 0.030000   0.100000    |
| Detector   TraceMode                                 | POS   MAXH             |
| Sweep: time [ms]   count   points per Section   type | 50   200   10001   SWE |

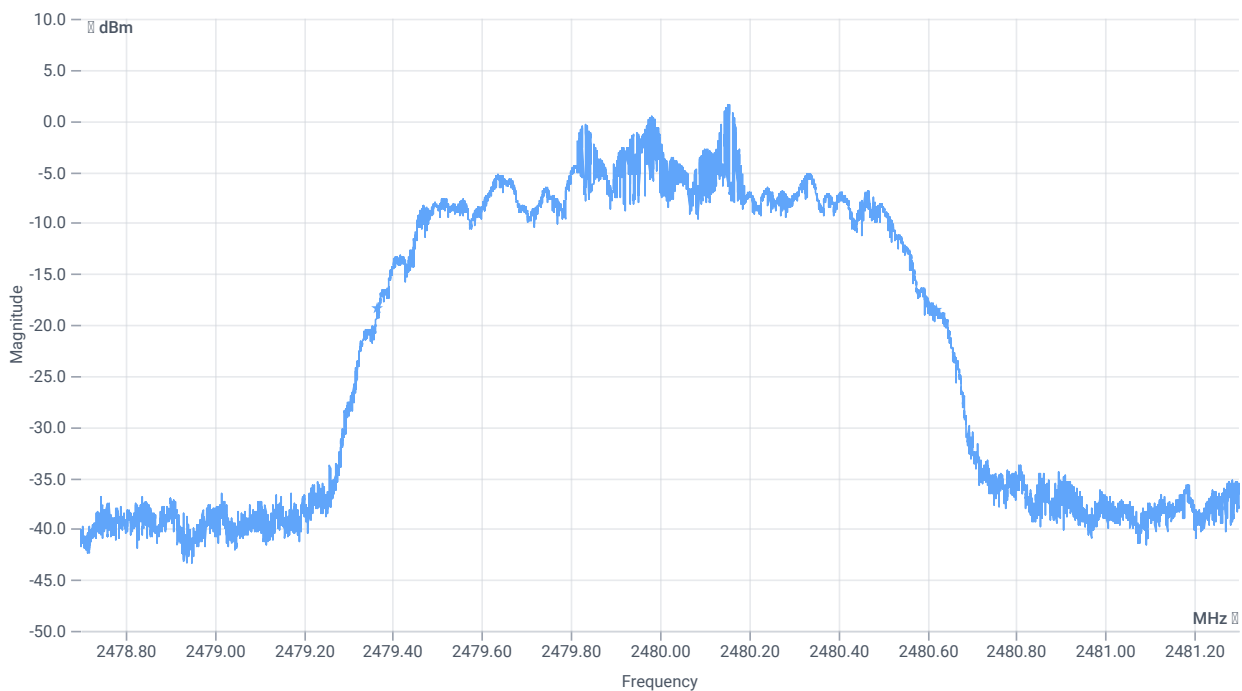




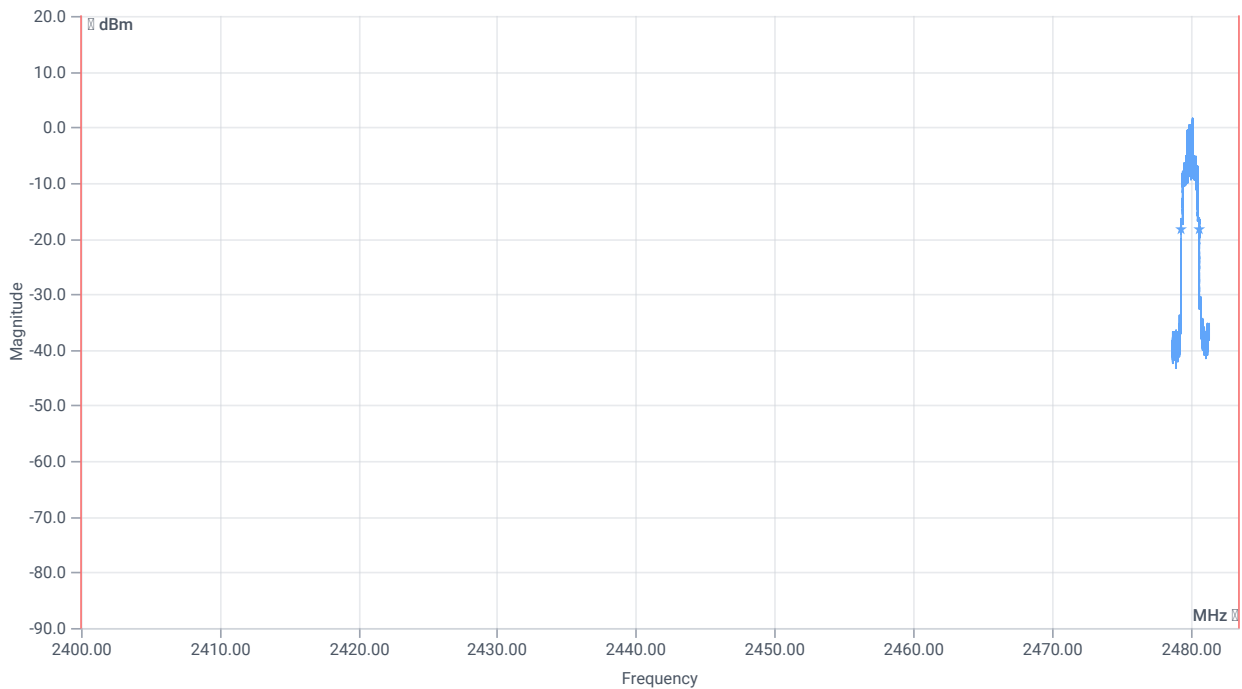
*BW within Band 99PCT*

## RESULT

| DESCRIPTION   | LOWER LIMIT | UPPER LIMIT | MEASURED  | UNIT | VERDICT |
|---------------|-------------|-------------|-----------|------|---------|
| Bandwidth 99% | ---         | ---         | 1174.000  | kHz  | INFO    |
| T1 99%        | 2400.000000 | ---         | 2479.4026 | MHz  | PASS    |
| T2 99%        | ---         | 2483.500000 | 2480.5769 | MHz  | PASS    |



BW 20dB



BW within band 20dB

## RESULT

| DESCRIPTION    | LOWER LIMIT | UPPER LIMIT | MEASURED  | UNIT | VERDICT |
|----------------|-------------|-------------|-----------|------|---------|
| Bandwidth 20dB | ---         | ---         | 1252      | kHz  | INFO    |
| T1 20dB        | 2400.000000 | ---         | 2479.3664 | MHz  | PASS    |
| T2 20dB        | ---         | 2483.500000 | 2480.6185 | MHz  | PASS    |

Verdict

PASS

# FCC 15.247, ISED RSS247 # Bandwidth 99PCT and 20dB ~ BT Classic EDR 8DPSK

## References

|                                               |                                                               |
|-----------------------------------------------|---------------------------------------------------------------|
| TC start                                      | 12.05.2026 13:40:26                                           |
| Ambit temp (test rack) [°C]   humidity [rel%] | not enabled   not enabled                                     |
| System version                                | 6.0.6.0                                                       |
| Standard   Version                            | FCC 15.247, ISED RSS247   NI                                  |
| Method                                        |                                                               |
| Description                                   | FCC 15.247 Bandwidth 99PCT - 20dB FHSS - BT Classic EDR 8DPSK |
| Information                                   |                                                               |

## EUT Common Settings BT Classic

|                                    |                                                       |
|------------------------------------|-------------------------------------------------------|
| Intermodulation value N            | 3                                                     |
| Image freq. Low   Mid   High [MHz] | 0   0   0                                             |
| Power class                        | 1                                                     |
| Power control                      | No                                                    |
| Longest supported packet type      | DH5                                                   |
| RF Supported                       | Basic Rate True   EDR Pi/4DQPSK True   EDR 8DPSK True |
| Testmode                           | None                                                  |
| Perform inquiry                    | Yes                                                   |
| EUT BT address (if inquiry No)     | 0123456789AB                                          |
| Signaling BT address               | BABEBEDADBAD                                          |

## Equipment

|                                                               |
|---------------------------------------------------------------|
| Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.70 |
| Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0            |

## Test Parameter

|                                                  |                        |
|--------------------------------------------------|------------------------|
| Technology to test                               | BT Classic EDR 8DPSK   |
| EUT port                                         | EUT1                   |
| Temperature                                      | nom                    |
| Voltage                                          | nom                    |
| Frequency low to test                            | True   Freq [MHz] 2402 |
| Frequency mid to test                            | True   Freq [MHz] 2441 |
| Frequency high to test                           | True   Freq [MHz] 2480 |
| Auto control enabled power supply   Climatic Box | No   No                |
| Additional path loss [dB]                        | 0.7                    |
| Full path type                                   | EUT_SA_GEN_SIG         |

## Test Parameter

|                |                                           |
|----------------|-------------------------------------------|
| Full path name | EUT1.MP.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/ |
| Switch bits    | 00010001:00010001:00000000:00000001       |

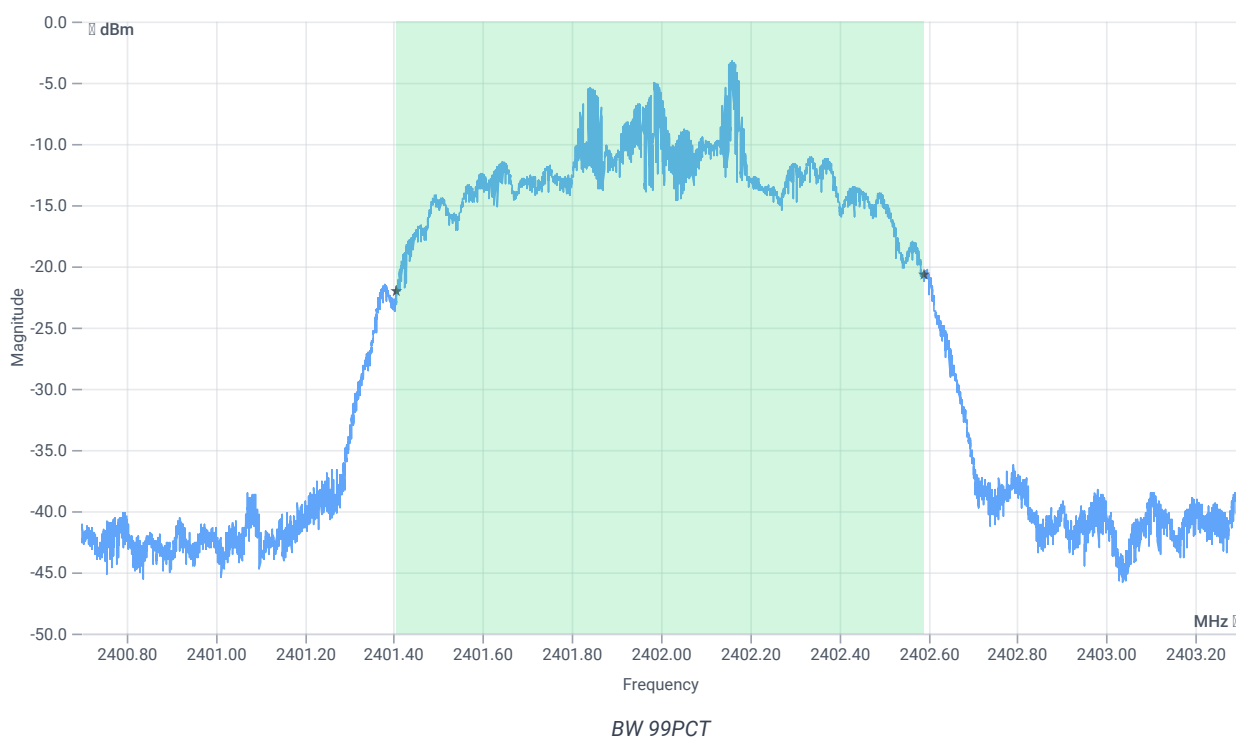
## Test at TX 2402 MHz

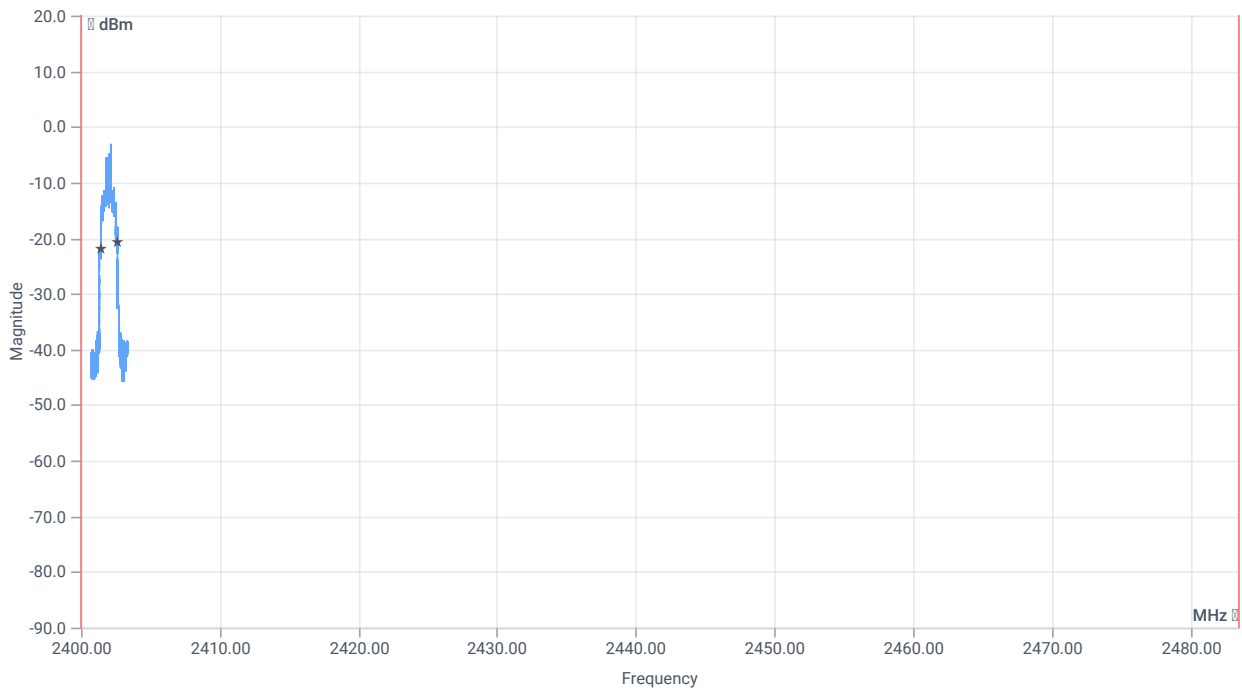
RESULT: Reference power cond.

| DESCRIPTION                   | LOWER LIMIT | UPPER LIMIT | MEASURED | UNIT | VERDICT |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. power<br>1MHz/1MHz cond. | ---         | ---         | -1.98    | dBm  | INFO    |
| Ref. frequency                | ---         | ---         | 2402.000 | MHz  | INFO    |

### READ SA SETTINGS:

|                                                      |                        |
|------------------------------------------------------|------------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 3.02   9.26   10       |
| Start [MHz]   Stop [MHz]                             | 2400.700   2403.300    |
| RBW [MHz]   VBW [MHz]                                | 0.030000   0.100000    |
| Detector   TraceMode                                 | POS   MAXH             |
| Sweep: time [ms]   count   points per Section   type | 50   200   10001   SWE |

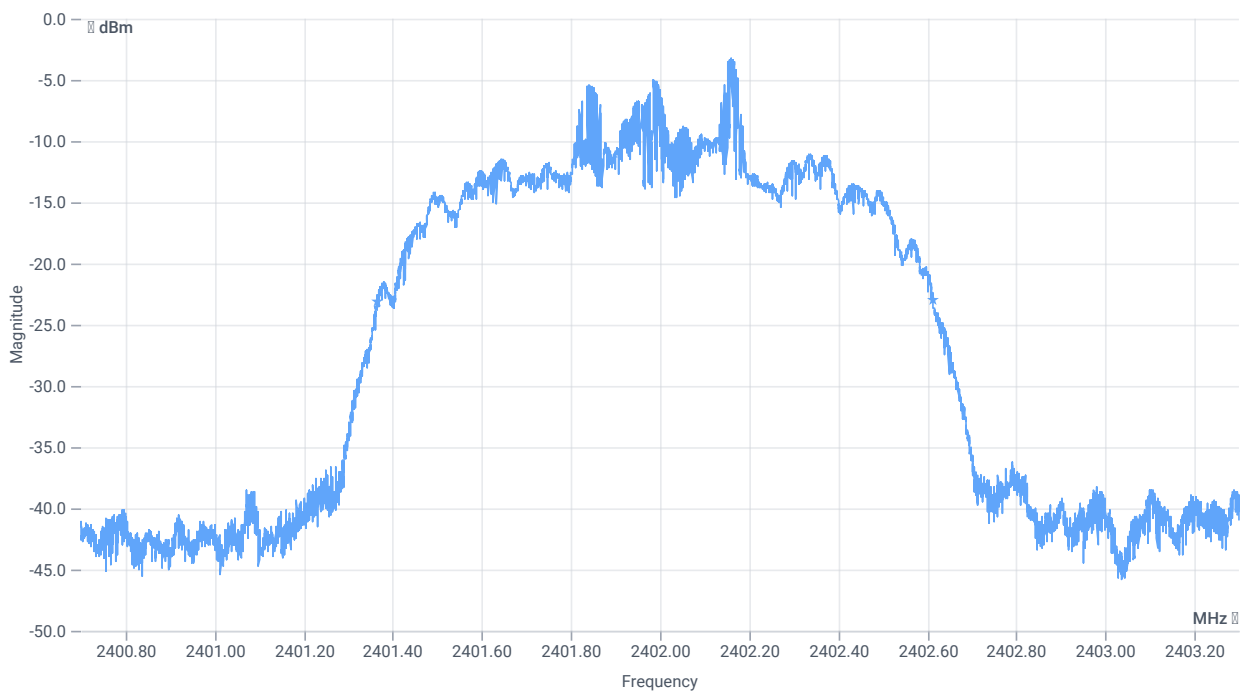




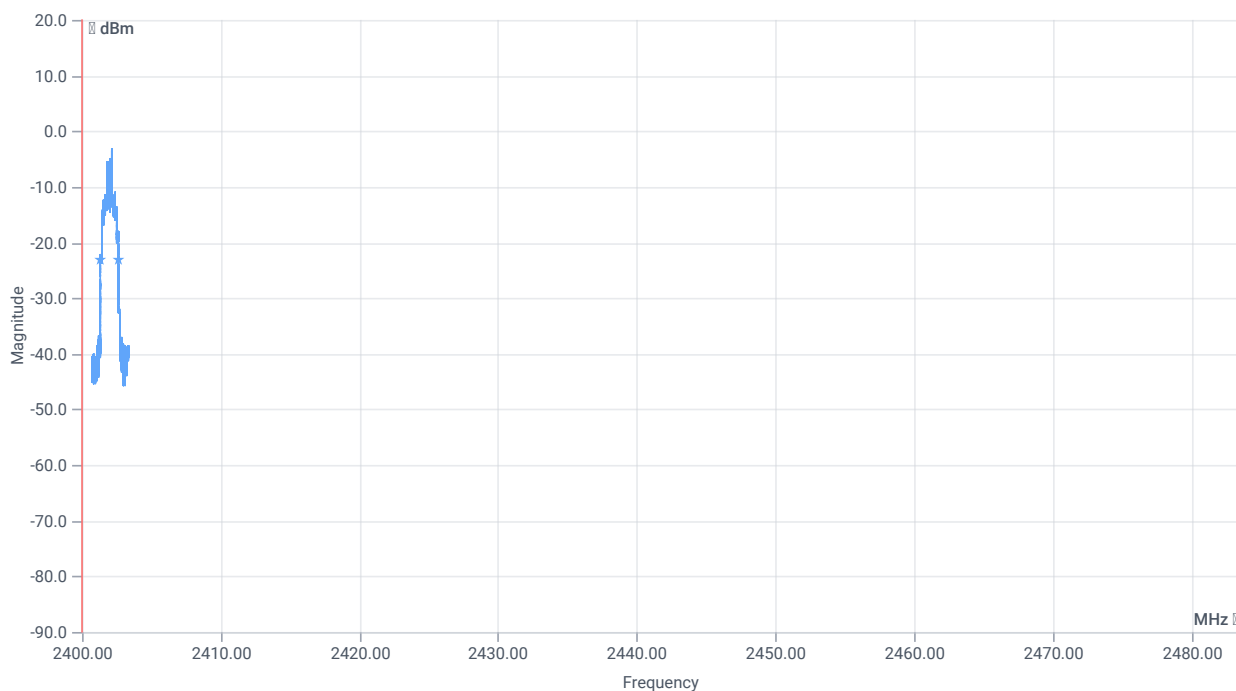
*BW within Band 99PCT*

## RESULT

| DESCRIPTION   | LOWER LIMIT | UPPER LIMIT | MEASURED  | UNIT | VERDICT |
|---------------|-------------|-------------|-----------|------|---------|
| Bandwidth 99% | ---         | ---         | 1183.000  | kHz  | INFO    |
| T1 99%        | 2400.000000 | ---         | 2401.4070 | MHz  | PASS    |
| T2 99%        | ---         | 2483.500000 | 2402.5896 | MHz  | PASS    |



BW 20dB



BW within band 20dB

## RESULT

| DESCRIPTION    | LOWER LIMIT | UPPER LIMIT | MEASURED  | UNIT | VERDICT |
|----------------|-------------|-------------|-----------|------|---------|
| Bandwidth 20dB | ---         | ---         | 1250      | kHz  | INFO    |
| T1 20dB        | 2400.000000 | ---         | 2401.3646 | MHz  | PASS    |
| T2 20dB        | ---         | 2483.500000 | 2402.6141 | MHz  | PASS    |

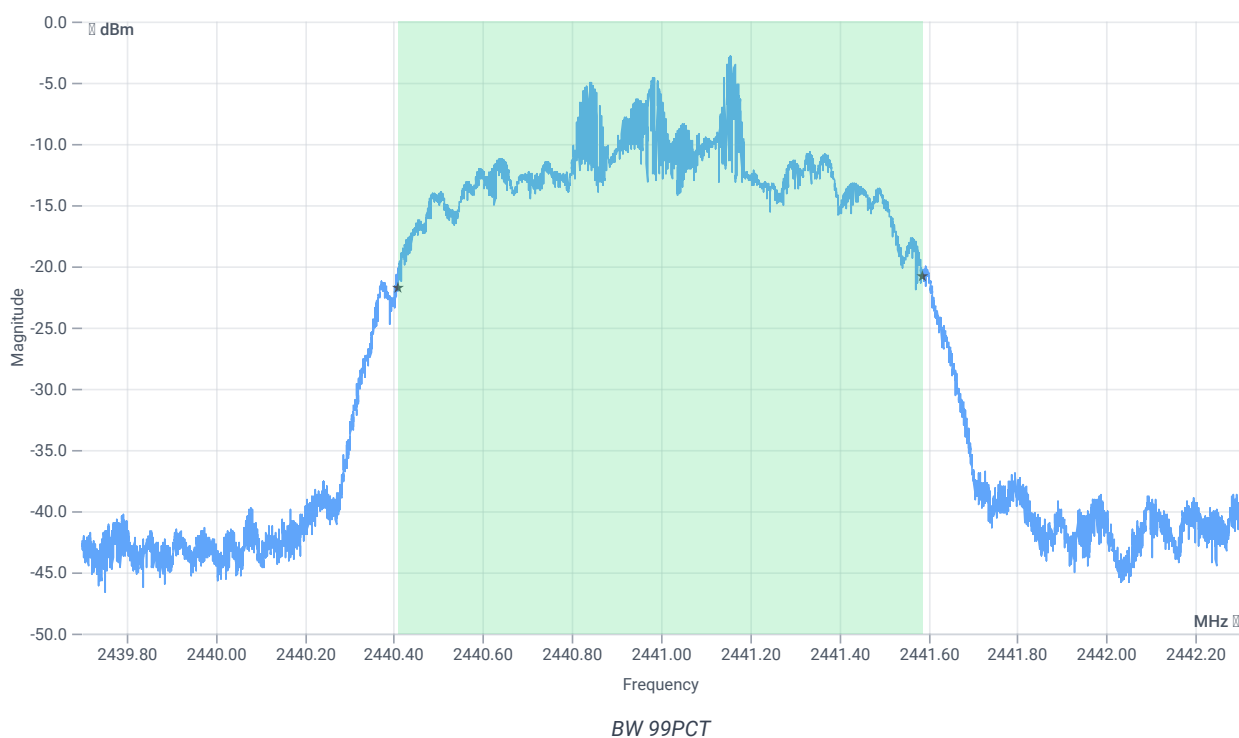
## Test at TX 2441 MHz

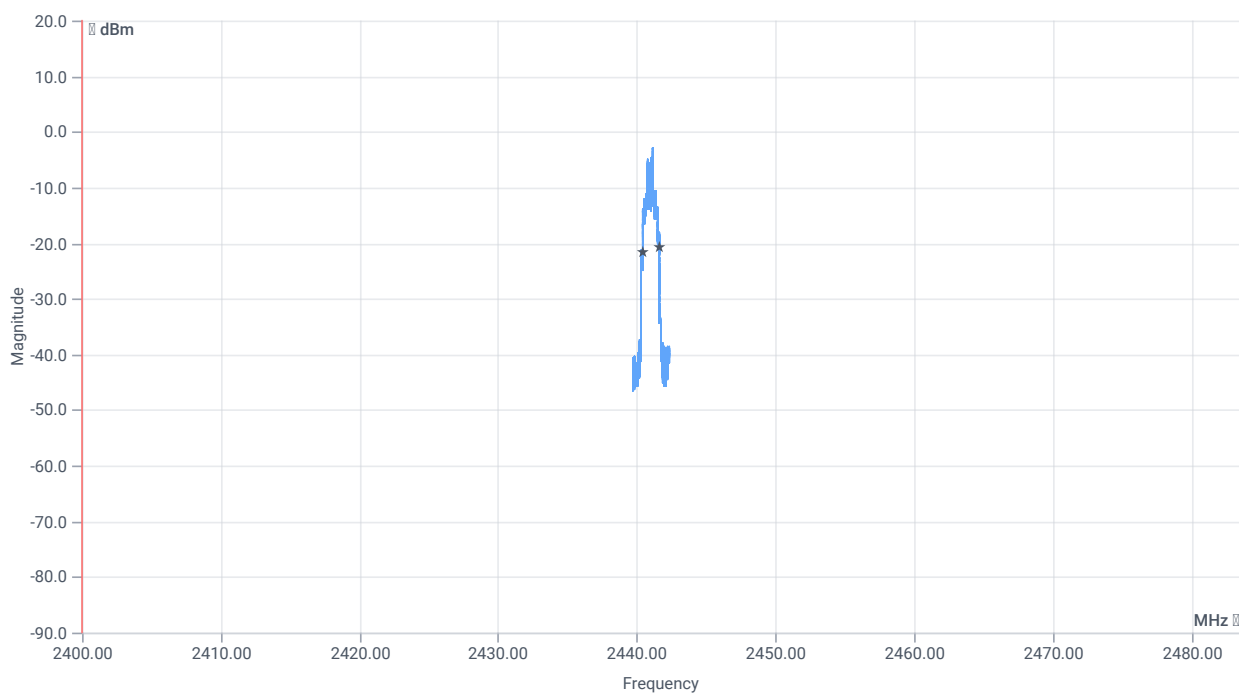
RESULT: Reference power cond.

| DESCRIPTION                   | LOWER LIMIT | UPPER LIMIT | MEASURED | UNIT | VERDICT |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. power<br>1MHz/1MHz cond. | ---         | ---         | -1.41    | dBm  | INFO    |
| Ref. frequency                | ---         | ---         | 2441.200 | MHz  | INFO    |

### READ SA SETTINGS:

|                                                      |                        |
|------------------------------------------------------|------------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 3.59   9.28   10       |
| Start [MHz]   Stop [MHz]                             | 2439.700   2442.300    |
| RBW [MHz]   VBW [MHz]                                | 0.030000   0.100000    |
| Detector   TraceMode                                 | POS   MAXH             |
| Sweep: time [ms]   count   points per Section   type | 50   200   10001   SWE |

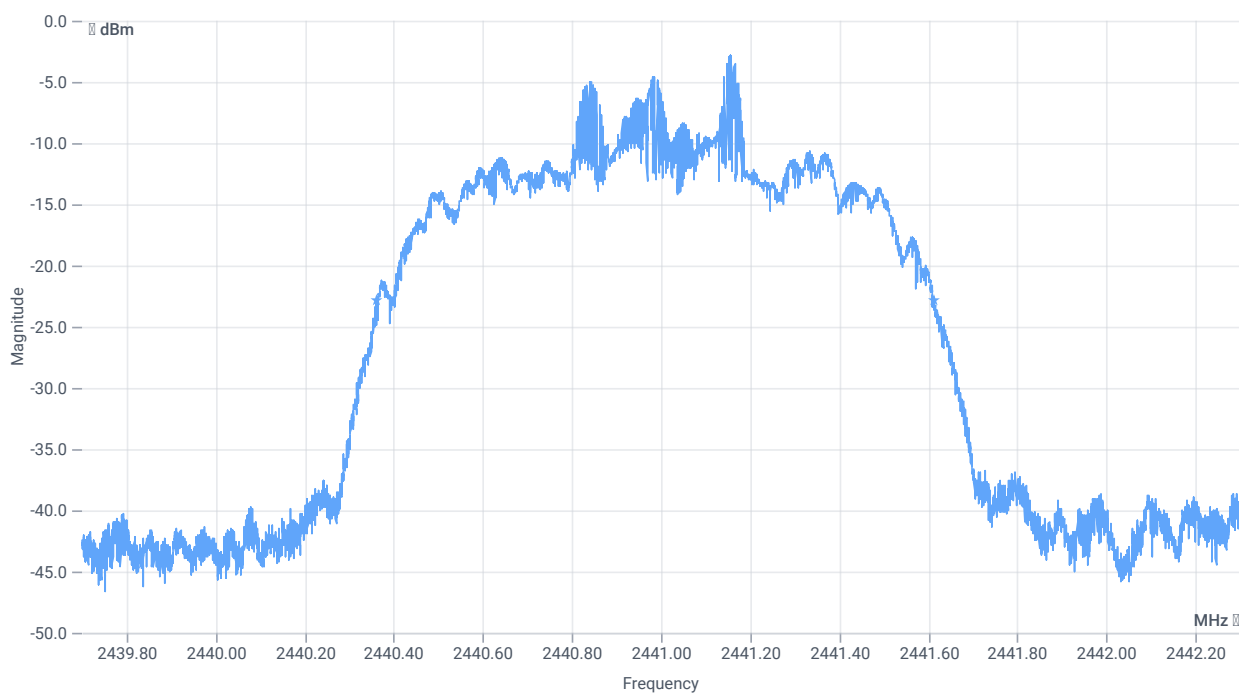




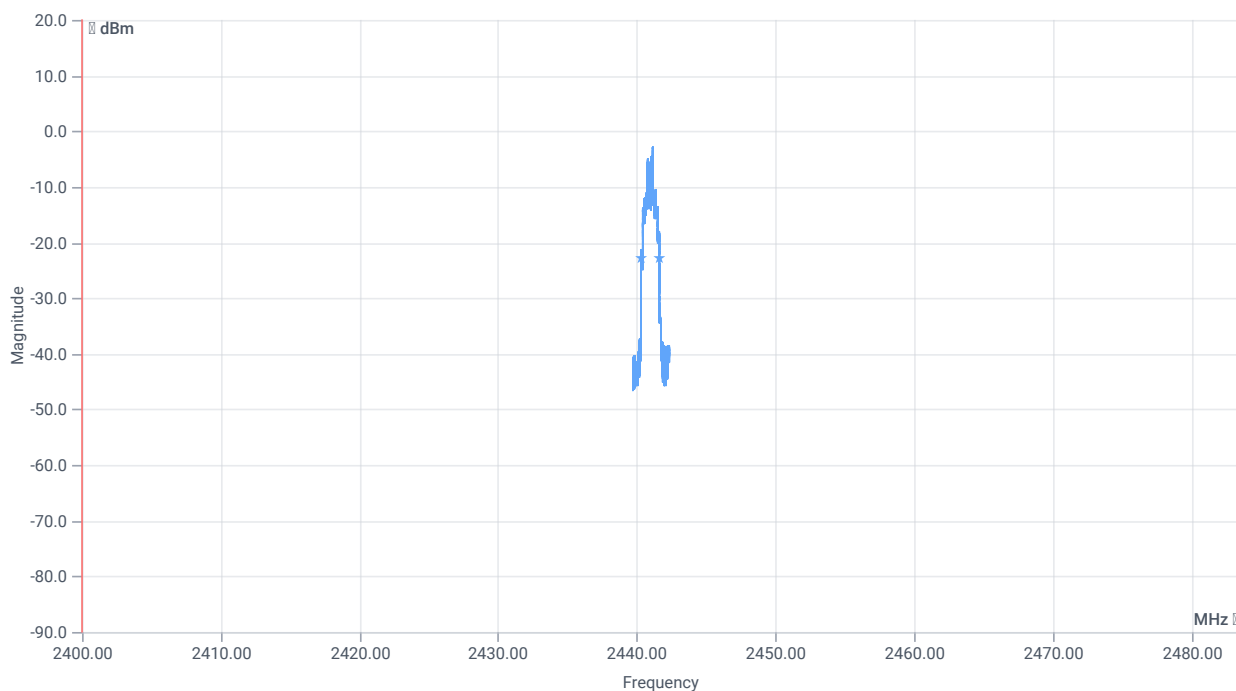
*BW within Band 99PCT*

## RESULT

| DESCRIPTION   | LOWER LIMIT | UPPER LIMIT | MEASURED  | UNIT | VERDICT |
|---------------|-------------|-------------|-----------|------|---------|
| Bandwidth 99% | ---         | ---         | 1177.000  | kHz  | INFO    |
| T1 99%        | 2400.000000 | ---         | 2440.4083 | MHz  | PASS    |
| T2 99%        | ---         | 2483.500000 | 2441.5852 | MHz  | PASS    |



BW 20dB



BW within band 20dB

## RESULT

| DESCRIPTION    | LOWER LIMIT | UPPER LIMIT | MEASURED  | UNIT | VERDICT |
|----------------|-------------|-------------|-----------|------|---------|
| Bandwidth 20dB | ---         | ---         | 1249      | kHz  | INFO    |
| T1 20dB        | 2400.000000 | ---         | 2440.3630 | MHz  | PASS    |
| T2 20dB        | ---         | 2483.500000 | 2441.6118 | MHz  | PASS    |

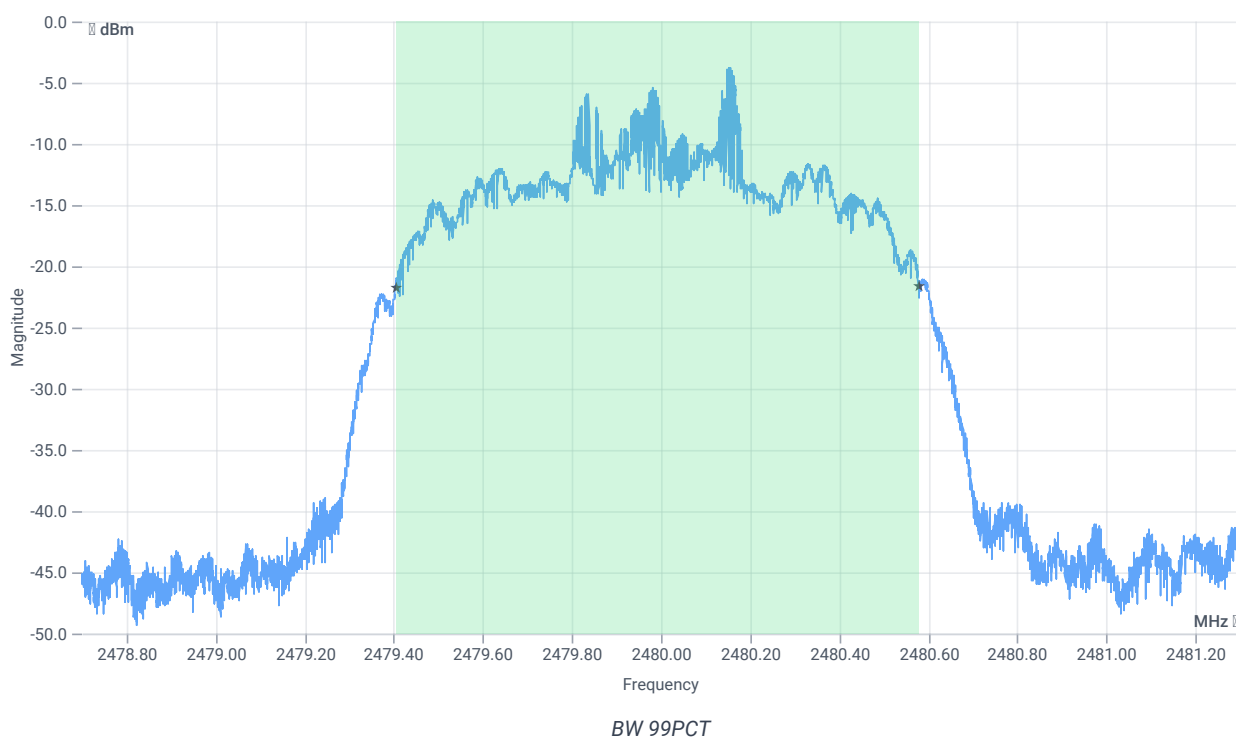
## Test at TX 2480 MHz

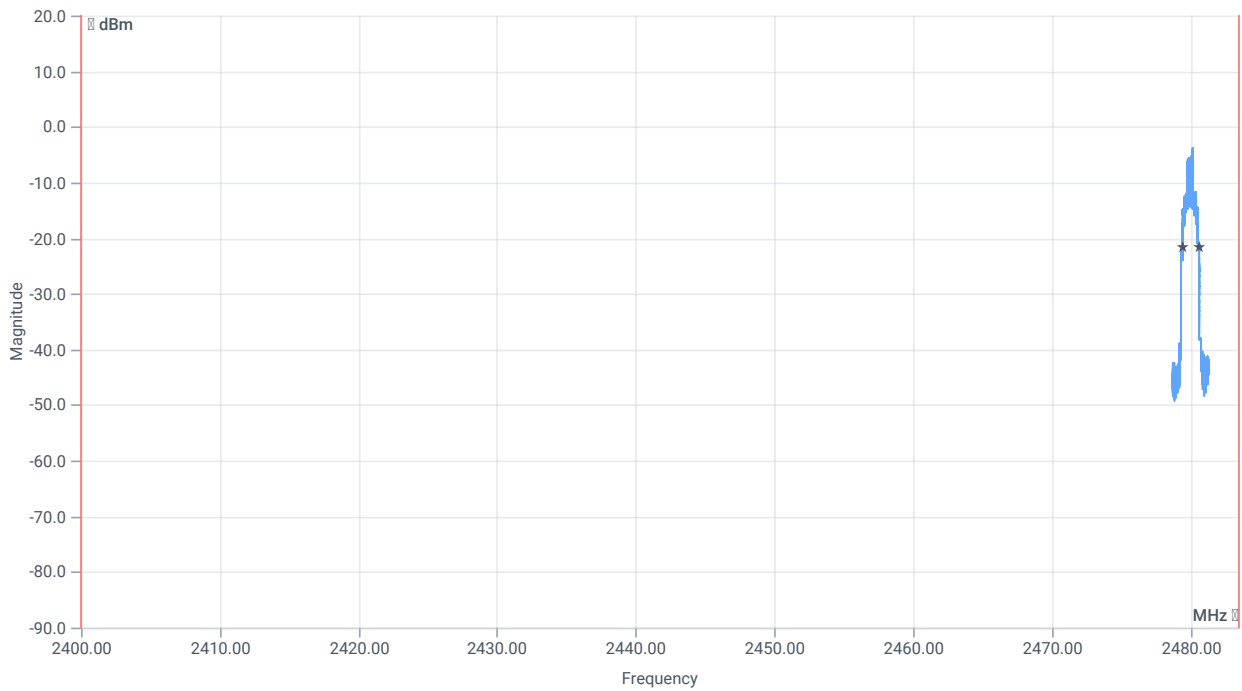
RESULT: Reference power cond.

| DESCRIPTION                   | LOWER LIMIT | UPPER LIMIT | MEASURED | UNIT | VERDICT |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. power<br>1MHz/1MHz cond. | ---         | ---         | -2.66    | dBm  | INFO    |
| Ref. frequency                | ---         | ---         | 2480.000 | MHz  | INFO    |

### READ SA SETTINGS:

|                                                      |                        |
|------------------------------------------------------|------------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 2.34   9.41   10       |
| Start [MHz]   Stop [MHz]                             | 2478.700   2481.300    |
| RBW [MHz]   VBW [MHz]                                | 0.030000   0.100000    |
| Detector   TraceMode                                 | POS   MAXH             |
| Sweep: time [ms]   count   points per Section   type | 50   200   10001   SWE |

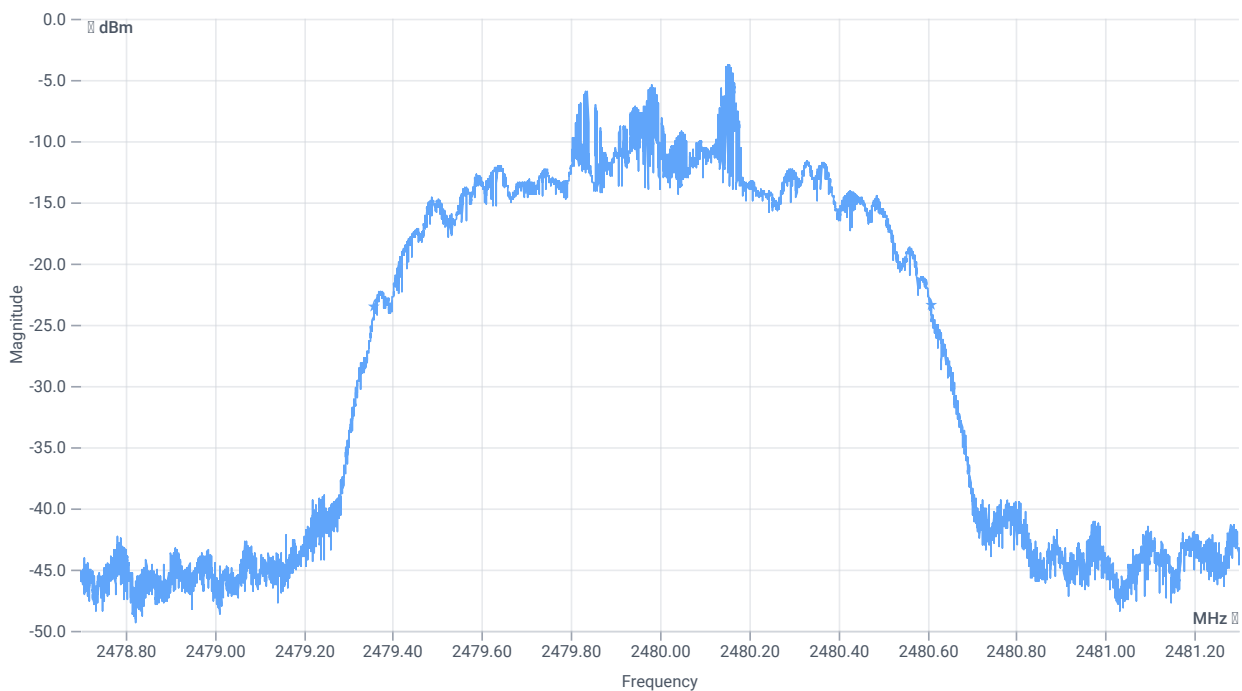




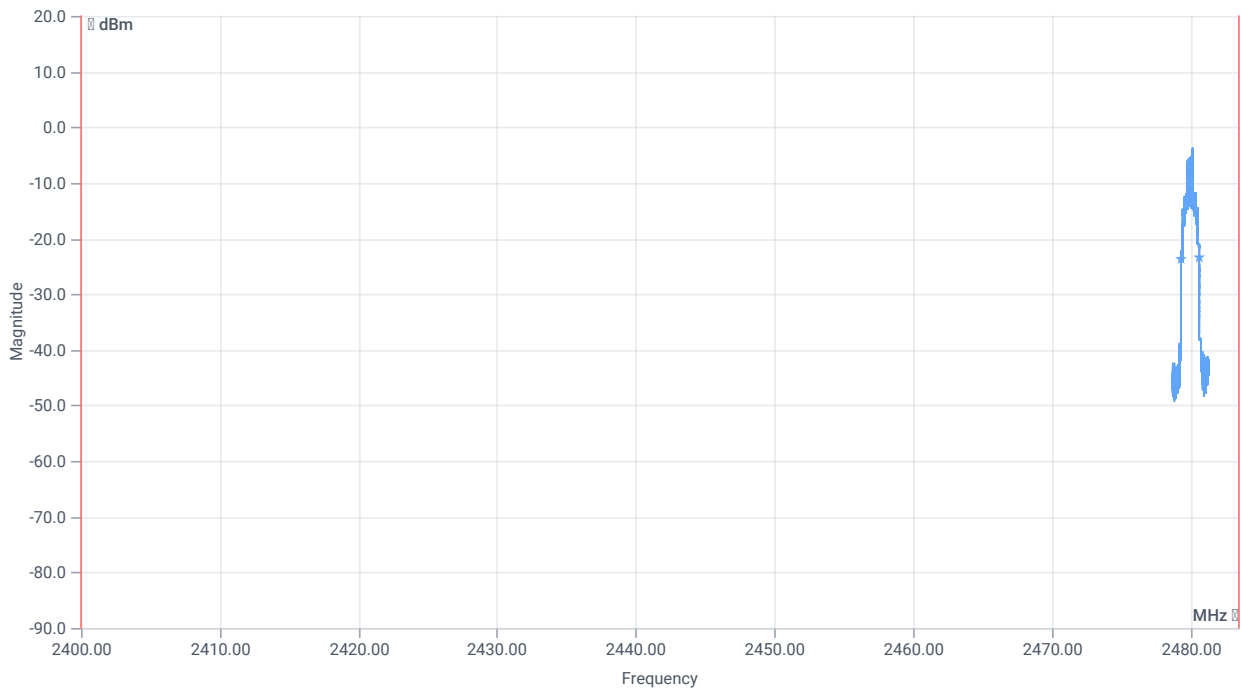
*BW within Band 99PCT*

## RESULT

| DESCRIPTION   | LOWER LIMIT | UPPER LIMIT | MEASURED  | UNIT | VERDICT |
|---------------|-------------|-------------|-----------|------|---------|
| Bandwidth 99% | ---         | ---         | 1176.000  | kHz  | INFO    |
| T1 99%        | 2400.000000 | ---         | 2479.4041 | MHz  | PASS    |
| T2 99%        | ---         | 2483.500000 | 2480.5805 | MHz  | PASS    |



BW 20dB



BW within band 20dB

## RESULT

| DESCRIPTION    | LOWER LIMIT | UPPER LIMIT | MEASURED  | UNIT | VERDICT |
|----------------|-------------|-------------|-----------|------|---------|
| Bandwidth 20dB | ---         | ---         | 1251      | kHz  | INFO    |
| T1 20dB        | 2400.000000 | ---         | 2479.3570 | MHz  | PASS    |
| T2 20dB        | ---         | 2483.500000 | 2480.6084 | MHz  | PASS    |

Verdict

PASS

## FCC 15.247 # Carrier frequency separation FHSS ~ BT Classic Basic rate

### References

|                                               |                                                                      |
|-----------------------------------------------|----------------------------------------------------------------------|
| TC start                                      | 12.05.2026 10:47:50                                                  |
| Ambit temp (test rack) [°C]   humidity [rel%] | not enabled   not enabled                                            |
| System version                                | 6.0.6.0                                                              |
| Standard   Version                            | FCC 15.247   NI                                                      |
| Method                                        |                                                                      |
| Description                                   | FCC 15.247 Carrier frequency separation FHSS - BT Classic Basic Rate |
| Information                                   |                                                                      |

### EUT Common Settings BT Classic

|                                    |                                                       |
|------------------------------------|-------------------------------------------------------|
| Intermodulation value N            | 3                                                     |
| Image freq. Low   Mid   High [MHz] | 0   0   0                                             |
| Power class                        | 1                                                     |
| Power control                      | No                                                    |
| Longest supported packet type      | DH5                                                   |
| RF Supported                       | Basic Rate True   EDR Pi/4DQPSK True   EDR 8DPSK True |
| Testmode                           | None                                                  |
| Perform inquiry                    | Yes                                                   |
| EUT BT address (if inquiry No)     | 0123456789AB                                          |
| Signaling BT address               | BABEBEDADBAD                                          |

### Equipment

|                                                               |
|---------------------------------------------------------------|
| Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.70 |
| Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0            |

### Test Parameter

|                                                  |                         |
|--------------------------------------------------|-------------------------|
| Technology to test                               | BT Classic Basic rate   |
| EUT port                                         | EUT1                    |
| Temperature                                      | nom                     |
| Voltage                                          | nom                     |
| Frequency low to test                            | False   Freq [MHz] 2402 |
| Frequency mid to test                            | False   Freq [MHz] 2441 |
| Frequency high to test                           | False   Freq [MHz] 2480 |
| Auto control enabled power supply   Climatic Box | No   No                 |
| Additional path loss [dB]                        | 0.7                     |

## Test Parameter

|                |                                           |
|----------------|-------------------------------------------|
| Full path type | EUT_SA_GEN_SIG                            |
| Full path name | EUT1.MP.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/ |
| Switch bits    | 00010001:00010001:00000000:00000001       |

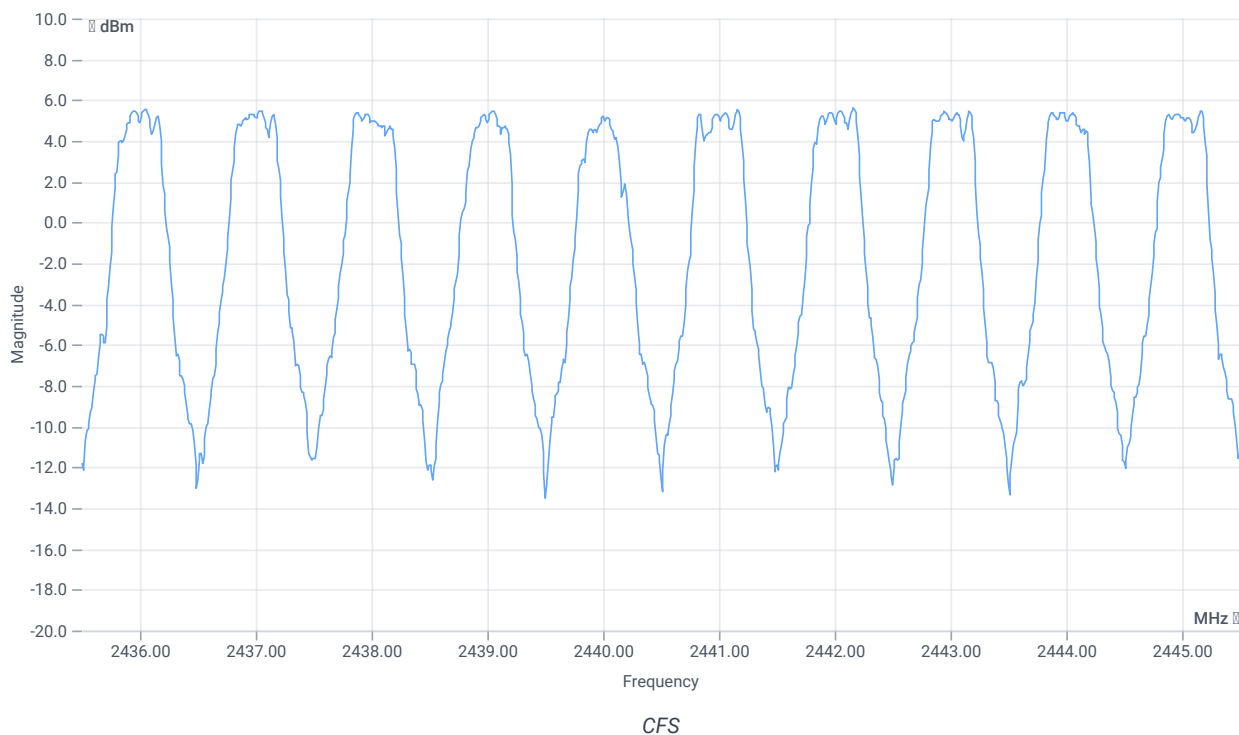
## Test at TX hopping MHz

RESULT: Reference power cond.

| DESCRIPTION                   | LOWER LIMIT | UPPER LIMIT | MEASURED | UNIT | VERDICT |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. power<br>1MHz/1MHz cond. | ---         | ---         | 5.65     | dBm  | INFO    |
| Ref. frequency                | ---         | ---         | 2421.120 | MHz  | INFO    |

### READ SA SETTINGS:

|                                                      |                        |
|------------------------------------------------------|------------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 10.65   9.28   20      |
| Start [MHz]   Stop [MHz]                             | 2435.500   2445.500    |
| RBW [MHz]   VBW [MHz]                                | 0.100000   0.300000    |
| Detector   TraceMode                                 | POS   MAXH             |
| Sweep: time [ms]   count   points per Section   type | 1   20000   1001   SWE |



### RESULT

| DESCRIPTION          | LOWER LIMIT        | UPPER LIMIT | MEASURED | UNIT | VERDICT |
|----------------------|--------------------|-------------|----------|------|---------|
| 1 CFS n to n+1 (rnd) | 0.025              | ---         | 1        | MHz  | PASS    |
| 1 CFS n to n+1 (rnd) | 0.667 (2/3 Nom.BW) | ---         | 1        | MHz  | PASS    |
| 2 CFS n to n+1 (rnd) | 0.025              | ---         | 1        | MHz  | PASS    |
| 2 CFS n to n+1 (rnd) | 0.667 (2/3 Nom.BW) | ---         | 1        | MHz  | PASS    |
| 3 CFS n to n+1 (rnd) | 0.025              | ---         | 1        | MHz  | PASS    |

## RESULT

| DESCRIPTION          | LOWER LIMIT        | UPPER LIMIT | MEASURED | UNIT | VERDICT |
|----------------------|--------------------|-------------|----------|------|---------|
| 3 CFS n to n+1 (rnd) | 0.667 (2/3 Nom.BW) | ---         | 1        | MHz  | PASS    |
| 4 CFS n to n+1 (rnd) | 0.025              | ---         | 1        | MHz  | PASS    |
| 4 CFS n to n+1 (rnd) | 0.667 (2/3 Nom.BW) | ---         | 1        | MHz  | PASS    |
| 5 CFS n to n+1 (rnd) | 0.025              | ---         | 1        | MHz  | PASS    |
| 5 CFS n to n+1 (rnd) | 0.667 (2/3 Nom.BW) | ---         | 1        | MHz  | PASS    |
| 6 CFS n to n+1 (rnd) | 0.025              | ---         | 1        | MHz  | PASS    |
| 6 CFS n to n+1 (rnd) | 0.667 (2/3 Nom.BW) | ---         | 1        | MHz  | PASS    |
| 7 CFS n to n+1 (rnd) | 0.025              | ---         | 1        | MHz  | PASS    |
| 7 CFS n to n+1 (rnd) | 0.667 (2/3 Nom.BW) | ---         | 1        | MHz  | PASS    |
| 8 CFS n to n+1 (rnd) | 0.025              | ---         | 1        | MHz  | PASS    |
| 8 CFS n to n+1 (rnd) | 0.667 (2/3 Nom.BW) | ---         | 1        | MHz  | PASS    |
| 9 CFS n to n+1 (rnd) | 0.025              | ---         | 1        | MHz  | PASS    |
| 9 CFS n to n+1 (rnd) | 0.667 (2/3 Nom.BW) | ---         | 1        | MHz  | PASS    |
| Carrier freq. (rnd)  | ---                | ---         | 2436     | MHz  | INFO    |
| Carrier freq. (rnd)  | ---                | ---         | 2437     | MHz  | INFO    |
| Carrier freq. (rnd)  | ---                | ---         | 2438     | MHz  | INFO    |
| Carrier freq. (rnd)  | ---                | ---         | 2439     | MHz  | INFO    |
| Carrier freq. (rnd)  | ---                | ---         | 2440     | MHz  | INFO    |
| Carrier freq. (rnd)  | ---                | ---         | 2441     | MHz  | INFO    |
| Carrier freq. (rnd)  | ---                | ---         | 2442     | MHz  | INFO    |
| Carrier freq. (rnd)  | ---                | ---         | 2443     | MHz  | INFO    |
| Carrier freq. (rnd)  | ---                | ---         | 2444     | MHz  | INFO    |
| Carrier freq. (rnd)  | ---                | ---         | 2445     | MHz  | INFO    |

Verdict

PASS

## FCC 15.247 # Maximum peak conducted output power FHSS ~ BT Classic Basic rate

### References

|                                               |                                                                             |
|-----------------------------------------------|-----------------------------------------------------------------------------|
| TC start                                      | 12.05.2026 10:45:01                                                         |
| Ambit temp (test rack) [°C]   humidity [rel%] | not enabled   not enabled                                                   |
| System version                                | 6.0.6.0                                                                     |
| Standard   Version                            | FCC 15.247   NI                                                             |
| Method                                        |                                                                             |
| Description                                   | FCC 15.247 Maximum peak output power conducted FHSS - BT Classic Basic Rate |
| Information                                   |                                                                             |

### EUT Common Settings BT Classic

|                                    |                                                       |
|------------------------------------|-------------------------------------------------------|
| Intermodulation value N            | 3                                                     |
| Image freq. Low   Mid   High [MHz] | 0   0   0                                             |
| Power class                        | 1                                                     |
| Power control                      | No                                                    |
| Longest supported packet type      | DH5                                                   |
| RF Supported                       | Basic Rate True   EDR Pi/4DQPSK True   EDR 8DPSK True |
| Testmode                           | None                                                  |
| Perform inquiry                    | Yes                                                   |
| EUT BT address (if inquiry No)     | 0123456789AB                                          |
| Signaling BT address               | BABEBEDADBAD                                          |

### Equipment

|                                                               |
|---------------------------------------------------------------|
| Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.70 |
| Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0            |

### Test Parameter

|                                                  |                        |
|--------------------------------------------------|------------------------|
| Technology to test                               | BT Classic Basic rate  |
| EUT port                                         | EUT1                   |
| Temperature                                      | nom                    |
| Voltage                                          | nom                    |
| Frequency low to test                            | True   Freq [MHz] 2402 |
| Frequency mid to test                            | True   Freq [MHz] 2441 |
| Frequency high to test                           | True   Freq [MHz] 2480 |
| Auto control enabled power supply   Climatic Box | No   No                |
| Additional path loss [dB]                        | 0.7                    |

## Test Parameter

|                |                                           |
|----------------|-------------------------------------------|
| Full path type | EUT_SA_GEN_SIG                            |
| Full path name | EUT1.MP.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/ |
| Switch bits    | 00010001:00010001:00000000:00000001       |

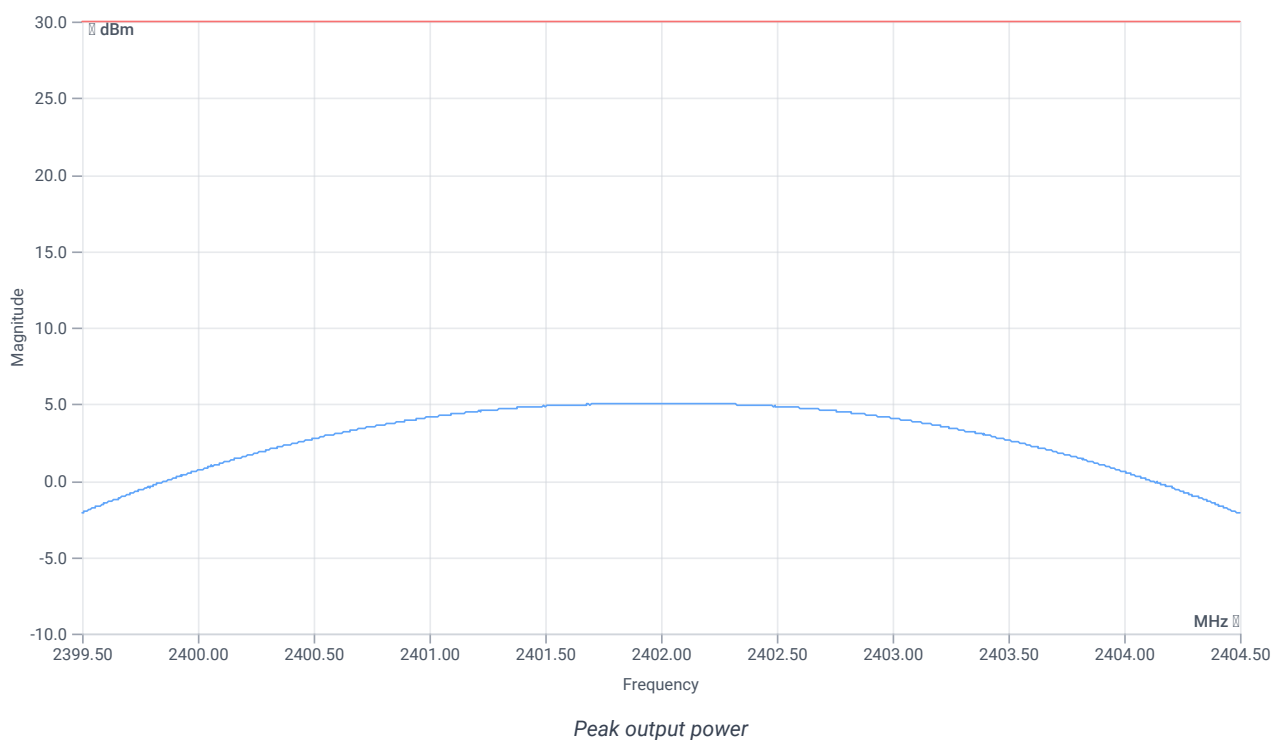
## Test at TX 2402 MHz

RESULT: Reference power cond.

| DESCRIPTION                   | LOWER LIMIT | UPPER LIMIT | MEASURED | UNIT | VERDICT |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. power<br>1MHz/1MHz cond. | ---         | ---         | 5.01     | dBm  | INFO    |
| Ref. frequency                | ---         | ---         | 2402.200 | MHz  | INFO    |

### READ SA SETTINGS:

|                                                      |                        |
|------------------------------------------------------|------------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 15.01   9.26   25      |
| Start [MHz]   Stop [MHz]                             | 2399.500   2404.500    |
| RBW [MHz]   VBW [MHz]                                | 3.000000   10.000000   |
| Detector   TraceMode                                 | POS   MAXH             |
| Sweep: time [ms]   count   points per Section   type | 1000   10   1001   SWE |



### RESULT

| DESCRIPTION       | LOWER LIMIT | UPPER LIMIT | MEASURED | UNIT | VERDICT |
|-------------------|-------------|-------------|----------|------|---------|
| Peak power        | ---         | 30.00       | 5.03     | dBm  | PASS    |
| Peak power        | ---         | 1000        | 3.184198 | mW   | PASS    |
| Frequency at peak | ---         | ---         | 2402.135 | MHz  | INFO    |

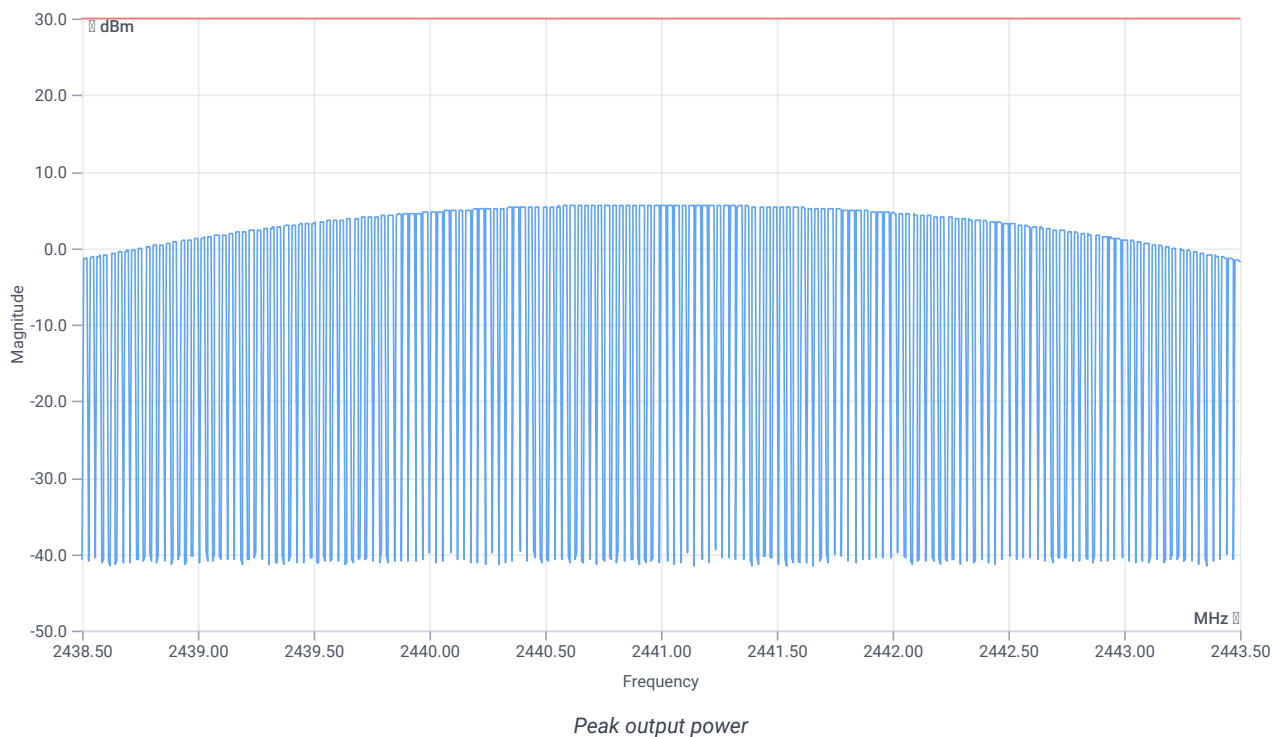
## Test at TX 2441 MHz

RESULT: Reference power cond.

| DESCRIPTION                   | LOWER LIMIT | UPPER LIMIT | MEASURED | UNIT | VERDICT |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. power<br>1MHz/1MHz cond. | ---         | ---         | 5.50     | dBm  | INFO    |
| Ref. frequency                | ---         | ---         | 2441.200 | MHz  | INFO    |

### READ SA SETTINGS:

|                                                      |                        |
|------------------------------------------------------|------------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 15.51   9.28   25      |
| Start [MHz]   Stop [MHz]                             | 2438.500   2443.500    |
| RBW [MHz]   VBW [MHz]                                | 3.000000   10.000000   |
| Detector   TraceMode                                 | POS   MAXH             |
| Sweep: time [ms]   count   points per Section   type | 1000   10   1001   SWE |



### RESULT

| DESCRIPTION       | LOWER LIMIT | UPPER LIMIT | MEASURED | UNIT | VERDICT |
|-------------------|-------------|-------------|----------|------|---------|
| Peak power        | ---         | 30.00       | 5.54     | dBm  | PASS    |
| Peak power        | ---         | 1000        | 3.580964 | mW   | PASS    |
| Frequency at peak | ---         | ---         | 2441.13  | MHz  | INFO    |

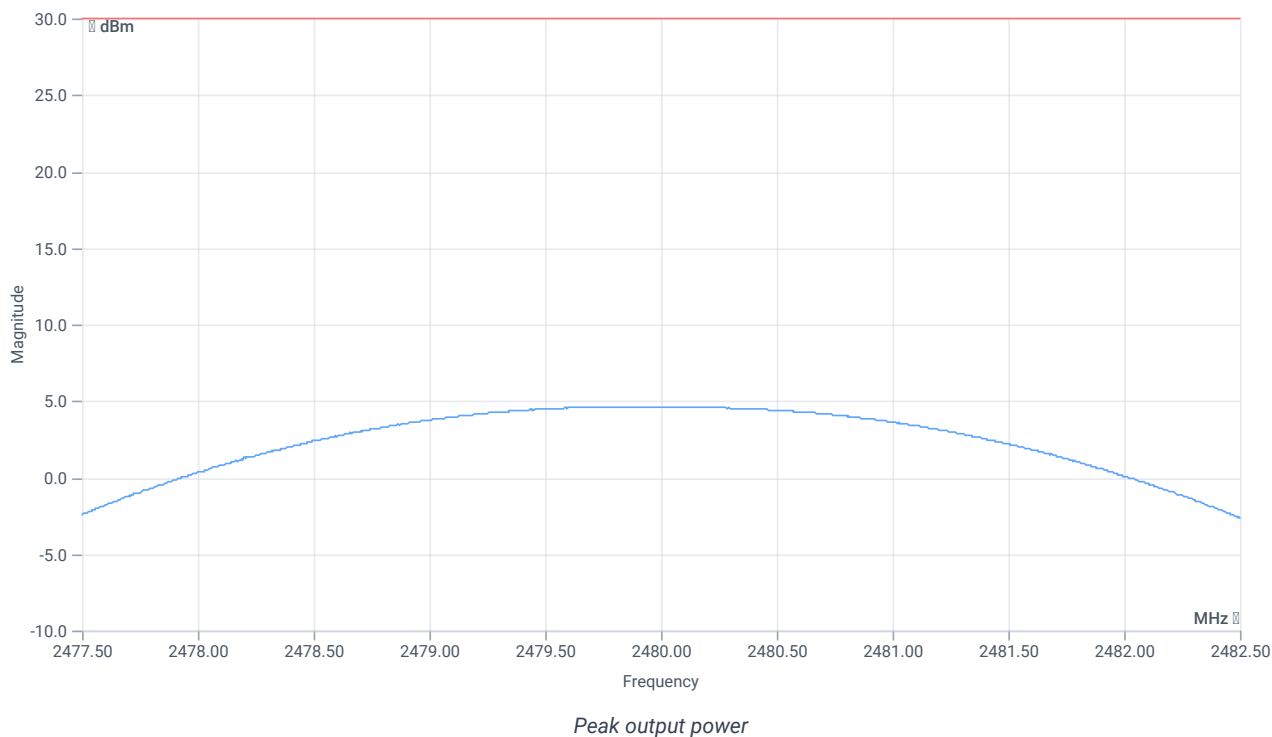
## Test at TX 2480 MHz

RESULT: Reference power cond.

| DESCRIPTION                   | LOWER LIMIT | UPPER LIMIT | MEASURED | UNIT | VERDICT |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. power<br>1MHz/1MHz cond. | ---         | ---         | 4.52     | dBm  | INFO    |
| Ref. frequency                | ---         | ---         | 2479.800 | MHz  | INFO    |

### READ SA SETTINGS:

|                                                      |                        |
|------------------------------------------------------|------------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 14.52   9.41   25      |
| Start [MHz]   Stop [MHz]                             | 2477.500   2482.500    |
| RBW [MHz]   VBW [MHz]                                | 3.000000   10.000000   |
| Detector   TraceMode                                 | POS   MAXH             |
| Sweep: time [ms]   count   points per Section   type | 1000   10   1001   SWE |



### RESULT

| DESCRIPTION       | LOWER LIMIT | UPPER LIMIT | MEASURED | UNIT | VERDICT |
|-------------------|-------------|-------------|----------|------|---------|
| Peak power        | ---         | 30.00       | 4.61     | dBm  | PASS    |
| Peak power        | ---         | 1000        | 2.89068  | mW   | PASS    |
| Frequency at peak | ---         | ---         | 2479.79  | MHz  | INFO    |

Verdict

PASS

## FCC 15.247 # Maximum peak conducted output power FHSS ~ BT Classic EDR Pi/4DQPSK

### References

|                                               |                                                                                |
|-----------------------------------------------|--------------------------------------------------------------------------------|
| TC start                                      | 12.05.2026 11:35:57                                                            |
| Ambit temp (test rack) [°C]   humidity [rel%] | not enabled   not enabled                                                      |
| System version                                | 6.0.6.0                                                                        |
| Standard   Version                            | FCC 15.247   NI                                                                |
| Method                                        |                                                                                |
| Description                                   | FCC 15.247 Maximum peak output power conducted FHSS - BT Classic EDR Pi/4DQPSK |
| Information                                   |                                                                                |

### EUT Common Settings BT Classic

|                                    |                                                       |
|------------------------------------|-------------------------------------------------------|
| Intermodulation value N            | 3                                                     |
| Image freq. Low   Mid   High [MHz] | 0   0   0                                             |
| Power class                        | 1                                                     |
| Power control                      | No                                                    |
| Longest supported packet type      | DH5                                                   |
| RF Supported                       | Basic Rate True   EDR Pi/4DQPSK True   EDR 8DPSK True |
| Testmode                           | None                                                  |
| Perform inquiry                    | Yes                                                   |
| EUT BT address (if inquiry No)     | 0123456789AB                                          |
| Signaling BT address               | BABEBEDADBAD                                          |

### Equipment

|                                                               |
|---------------------------------------------------------------|
| Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.70 |
| Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0            |

### Test Parameter

|                                                  |                          |
|--------------------------------------------------|--------------------------|
| Technology to test                               | BT Classic EDR Pi/4DQPSK |
| EUT port                                         | EUT1                     |
| Temperature                                      | nom                      |
| Voltage                                          | nom                      |
| Frequency low to test                            | True   Freq [MHz] 2402   |
| Frequency mid to test                            | True   Freq [MHz] 2441   |
| Frequency high to test                           | True   Freq [MHz] 2480   |
| Auto control enabled power supply   Climatic Box | No   No                  |
| Additional path loss [dB]                        | 0.7                      |

## Test Parameter

|                |                                           |
|----------------|-------------------------------------------|
| Full path type | EUT_SA_GEN_SIG                            |
| Full path name | EUT1.MP.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/ |
| Switch bits    | 00010001:00010001:00000000:00000001       |

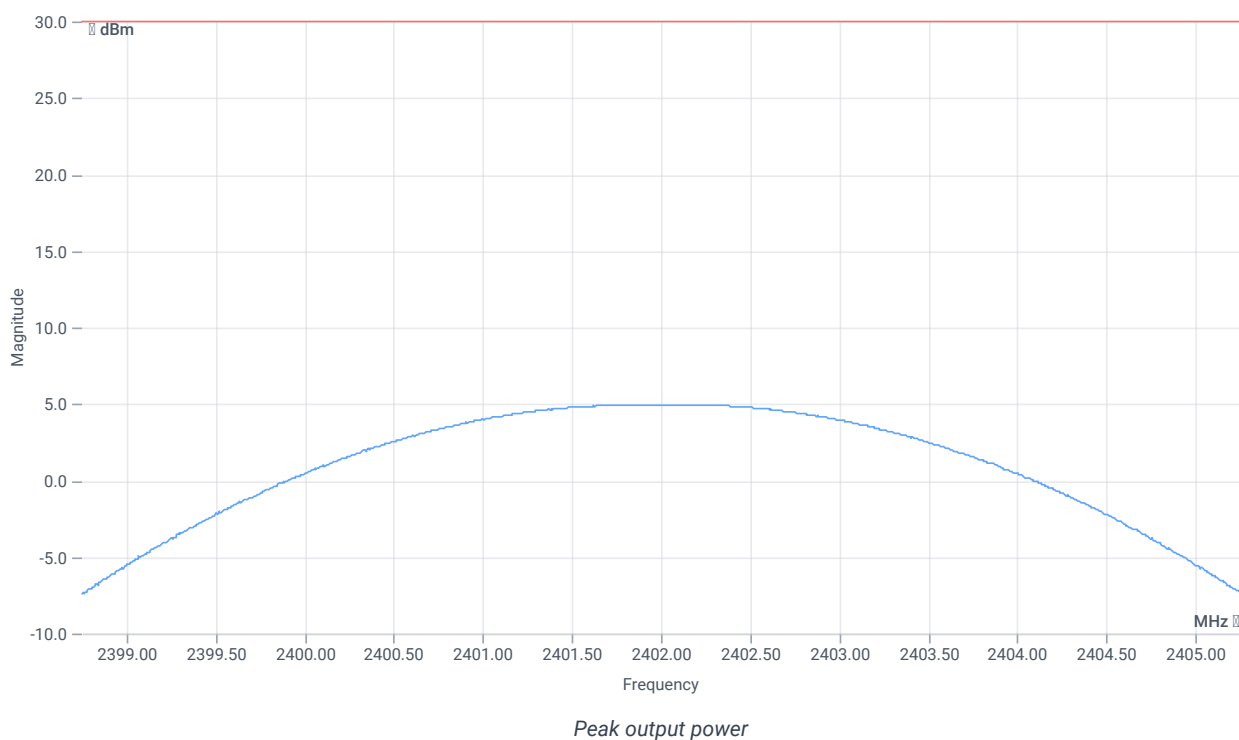
## Test at TX 2402 MHz

RESULT: Reference power cond.

| DESCRIPTION                   | LOWER LIMIT | UPPER LIMIT | MEASURED | UNIT | VERDICT |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. power<br>1MHz/1MHz cond. | ---         | ---         | 4.11     | dBm  | INFO    |
| Ref. frequency                | ---         | ---         | 2402.200 | MHz  | INFO    |

### READ SA SETTINGS:

|                                                      |                        |
|------------------------------------------------------|------------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 14.11   9.26   20      |
| Start [MHz]   Stop [MHz]                             | 2398.750   2405.250    |
| RBW [MHz]   VBW [MHz]                                | 3.000000   10.000000   |
| Detector   TraceMode                                 | POS   MAXH             |
| Sweep: time [ms]   count   points per Section   type | 1000   10   1001   SWE |



### RESULT

| DESCRIPTION       | LOWER LIMIT | UPPER LIMIT | MEASURED | UNIT | VERDICT |
|-------------------|-------------|-------------|----------|------|---------|
| Peak power        | ---         | 30.00       | 4.96     | dBm  | PASS    |
| Peak power        | ---         | 1000        | 3.133286 | mW   | PASS    |
| Frequency at peak | ---         | ---         | 2402.123 | MHz  | INFO    |

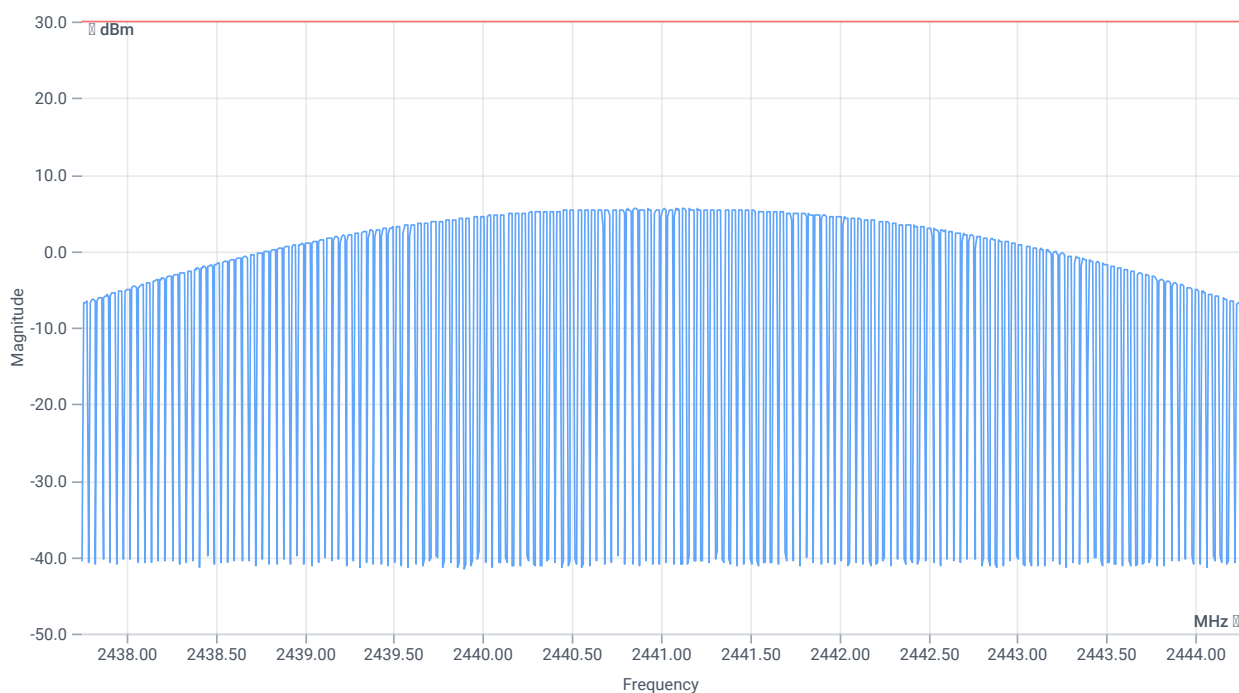
## Test at TX 2441 MHz

RESULT: Reference power cond.

| DESCRIPTION                   | LOWER LIMIT | UPPER LIMIT | MEASURED | UNIT | VERDICT |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. power<br>1MHz/1MHz cond. | ---         | ---         | 4.38     | dBm  | INFO    |
| Ref. frequency                | ---         | ---         | 2440.800 | MHz  | INFO    |

### READ SA SETTINGS:

|                                                      |                        |
|------------------------------------------------------|------------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 14.38   9.28   25      |
| Start [MHz]   Stop [MHz]                             | 2437.750   2444.250    |
| RBW [MHz]   VBW [MHz]                                | 3.000000   10.000000   |
| Detector   TraceMode                                 | POS   MAXH             |
| Sweep: time [ms]   count   points per Section   type | 1000   10   1001   SWE |



### RESULT

| DESCRIPTION       | LOWER LIMIT | UPPER LIMIT | MEASURED | UNIT | VERDICT |
|-------------------|-------------|-------------|----------|------|---------|
| Peak power        | ---         | 30.00       | 5.47     | dBm  | PASS    |
| Peak power        | ---         | 1000        | 3.523709 | mW   | PASS    |
| Frequency at peak | ---         | ---         | 2441.201 | MHz  | INFO    |

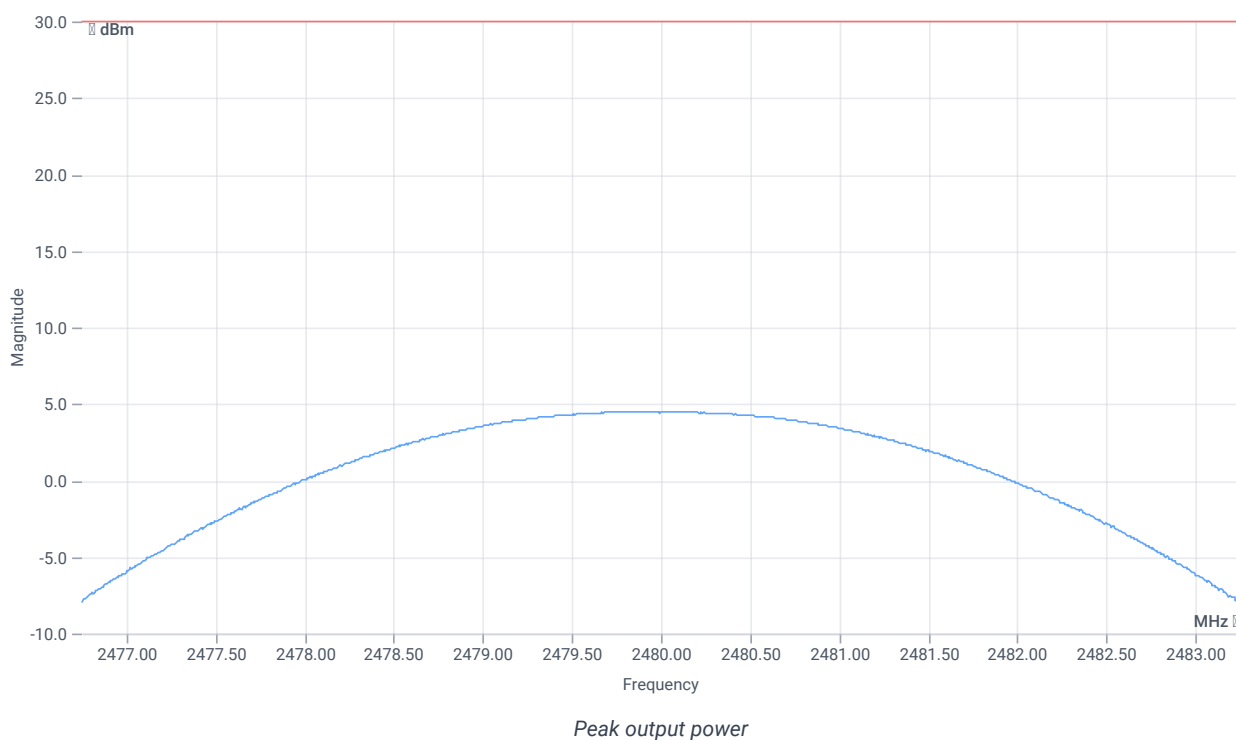
## Test at TX 2480 MHz

RESULT: Reference power cond.

| DESCRIPTION                   | LOWER LIMIT | UPPER LIMIT | MEASURED | UNIT | VERDICT |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. power<br>1MHz/1MHz cond. | ---         | ---         | 3.49     | dBm  | INFO    |
| Ref. frequency                | ---         | ---         | 2480.200 | MHz  | INFO    |

### READ SA SETTINGS:

|                                                      |                        |
|------------------------------------------------------|------------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 13.49   9.41   20      |
| Start [MHz]   Stop [MHz]                             | 2476.750   2483.250    |
| RBW [MHz]   VBW [MHz]                                | 3.000000   10.000000   |
| Detector   TraceMode                                 | POS   MAXH             |
| Sweep: time [ms]   count   points per Section   type | 1000   10   1001   SWE |



### RESULT

| DESCRIPTION       | LOWER LIMIT | UPPER LIMIT | MEASURED | UNIT | VERDICT |
|-------------------|-------------|-------------|----------|------|---------|
| Peak power        | ---         | 30.00       | 4.47     | dBm  | PASS    |
| Peak power        | ---         | 1000        | 2.798981 | mW   | PASS    |
| Frequency at peak | ---         | ---         | 2479.89  | MHz  | INFO    |

Verdict

PASS

## FCC 15.247 # Maximum peak conducted output power FHSS ~ BT Classic EDR 8DPSK

### References

|                                               |                                                                            |
|-----------------------------------------------|----------------------------------------------------------------------------|
| TC start                                      | 12.05.2026 13:38:49                                                        |
| Ambit temp (test rack) [°C]   humidity [rel%] | not enabled   not enabled                                                  |
| System version                                | 6.0.6.0                                                                    |
| Standard   Version                            | FCC 15.247   NI                                                            |
| Method                                        |                                                                            |
| Description                                   | FCC 15.247 Maximum peak output power conducted FHSS - BT Classic EDR 8DPSK |
| Information                                   |                                                                            |

### EUT Common Settings BT Classic

|                                    |                                                       |
|------------------------------------|-------------------------------------------------------|
| Intermodulation value N            | 3                                                     |
| Image freq. Low   Mid   High [MHz] | 0   0   0                                             |
| Power class                        | 1                                                     |
| Power control                      | No                                                    |
| Longest supported packet type      | DH5                                                   |
| RF Supported                       | Basic Rate True   EDR Pi/4DQPSK True   EDR 8DPSK True |
| Testmode                           | None                                                  |
| Perform inquiry                    | Yes                                                   |
| EUT BT address (if inquiry No)     | 0123456789AB                                          |
| Signaling BT address               | BABEBEDADBAD                                          |

### Equipment

|                                                               |
|---------------------------------------------------------------|
| Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.70 |
| Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0            |

### Test Parameter

|                                                  |                        |
|--------------------------------------------------|------------------------|
| Technology to test                               | BT Classic EDR 8DPSK   |
| EUT port                                         | EUT1                   |
| Temperature                                      | nom                    |
| Voltage                                          | nom                    |
| Frequency low to test                            | True   Freq [MHz] 2402 |
| Frequency mid to test                            | True   Freq [MHz] 2441 |
| Frequency high to test                           | True   Freq [MHz] 2480 |
| Auto control enabled power supply   Climatic Box | No   No                |
| Additional path loss [dB]                        | 0.7                    |

## Test Parameter

|                |                                           |
|----------------|-------------------------------------------|
| Full path type | EUT_SA_GEN_SIG                            |
| Full path name | EUT1.MP.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/ |
| Switch bits    | 00010001:00010001:00000000:00000001       |

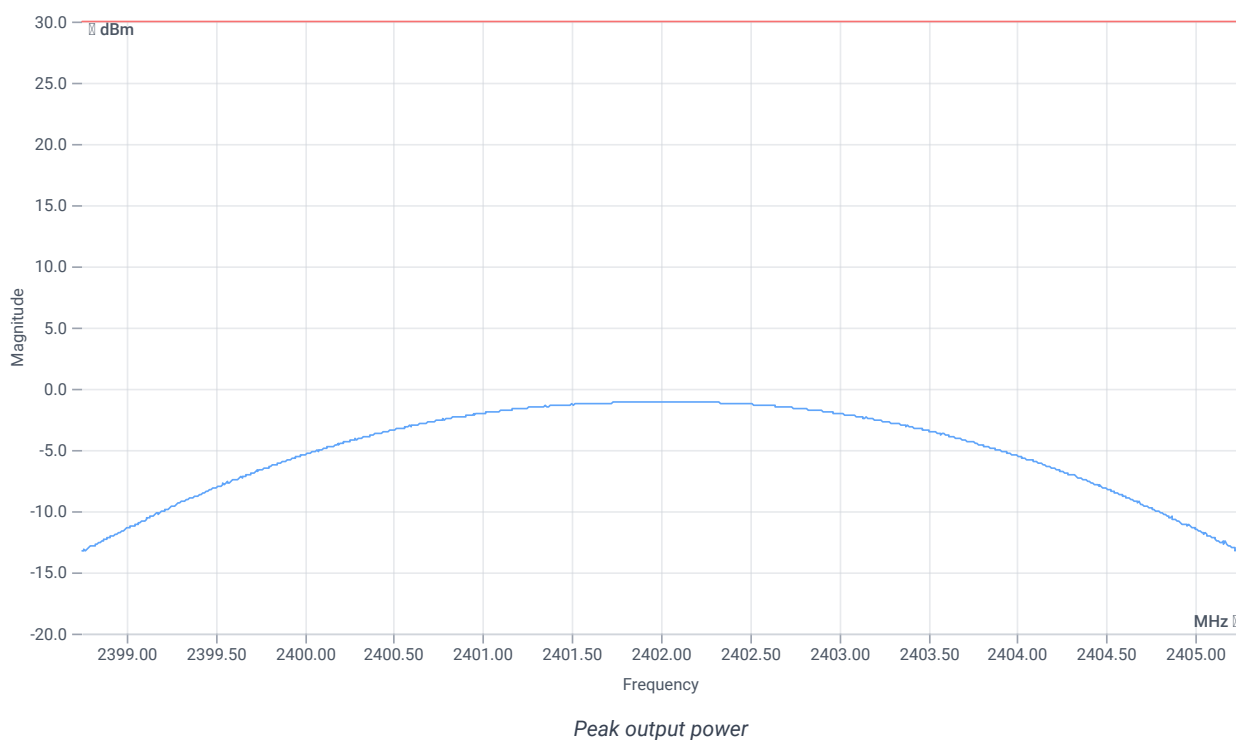
## Test at TX 2402 MHz

RESULT: Reference power cond.

| DESCRIPTION                   | LOWER LIMIT | UPPER LIMIT | MEASURED | UNIT | VERDICT |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. power<br>1MHz/1MHz cond. | ---         | ---         | -1.93    | dBm  | INFO    |
| Ref. frequency                | ---         | ---         | 2402.100 | MHz  | INFO    |

### READ SA SETTINGS:

|                                                      |                        |
|------------------------------------------------------|------------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 8.07   9.26   15       |
| Start [MHz]   Stop [MHz]                             | 2398.750   2405.250    |
| RBW [MHz]   VBW [MHz]                                | 3.000000   10.000000   |
| Detector   TraceMode                                 | POS   MAXH             |
| Sweep: time [ms]   count   points per Section   type | 1000   10   1001   SWE |



### RESULT

| DESCRIPTION       | LOWER LIMIT | UPPER LIMIT | MEASURED | UNIT | VERDICT |
|-------------------|-------------|-------------|----------|------|---------|
| Peak power        | ---         | 30.00       | -1.07    | dBm  | PASS    |
| Peak power        | ---         | 1000        | 0.781628 | mW   | PASS    |
| Frequency at peak | ---         | ---         | 2401.987 | MHz  | INFO    |

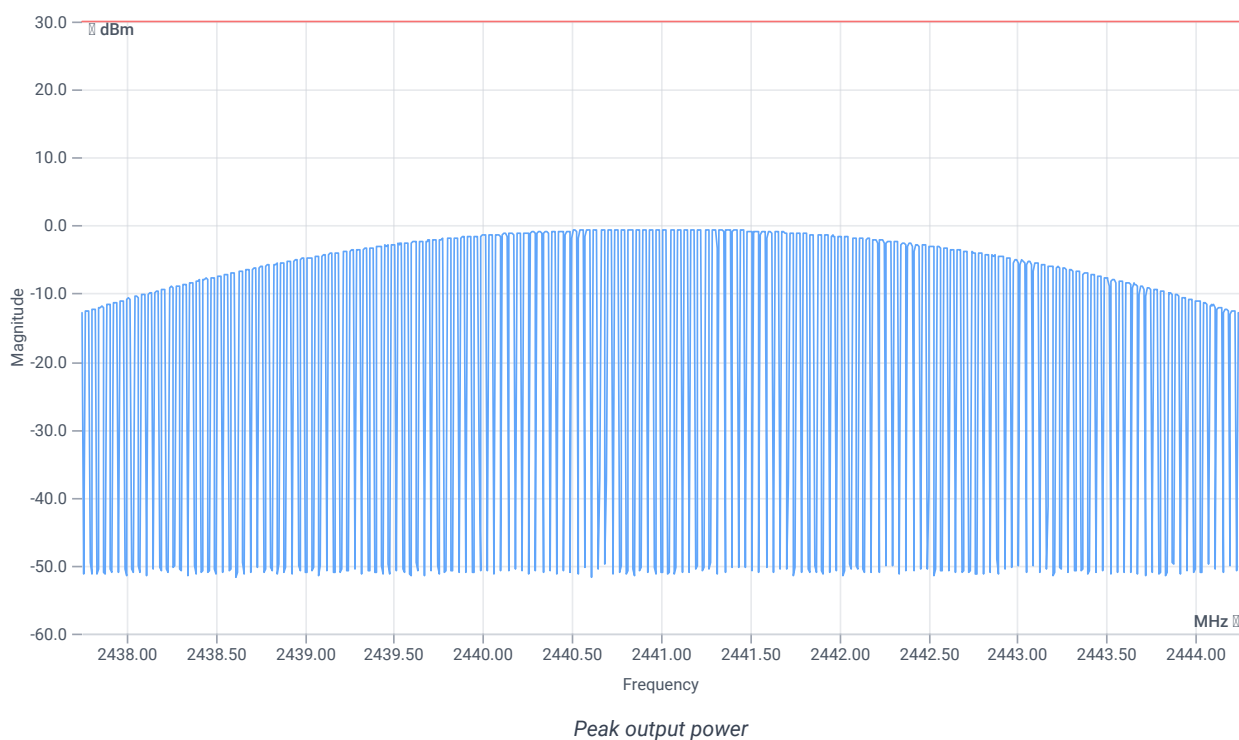
## Test at TX 2441 MHz

RESULT: Reference power cond.

| DESCRIPTION                   | LOWER LIMIT | UPPER LIMIT | MEASURED | UNIT | VERDICT |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. power<br>1MHz/1MHz cond. | ---         | ---         | -1.39    | dBm  | INFO    |
| Ref. frequency                | ---         | ---         | 2440.800 | MHz  | INFO    |

### READ SA SETTINGS:

|                                                      |                        |
|------------------------------------------------------|------------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 8.61   9.28   15       |
| Start [MHz]   Stop [MHz]                             | 2437.750   2444.250    |
| RBW [MHz]   VBW [MHz]                                | 3.000000   10.000000   |
| Detector   TraceMode                                 | POS   MAXH             |
| Sweep: time [ms]   count   points per Section   type | 1000   10   1001   SWE |



### RESULT

| DESCRIPTION       | LOWER LIMIT | UPPER LIMIT | MEASURED | UNIT | VERDICT |
|-------------------|-------------|-------------|----------|------|---------|
| Peak power        | ---         | 30.00       | -0.57    | dBm  | PASS    |
| Peak power        | ---         | 1000        | 0.877001 | mW   | PASS    |
| Frequency at peak | ---         | ---         | 2440.909 | MHz  | INFO    |

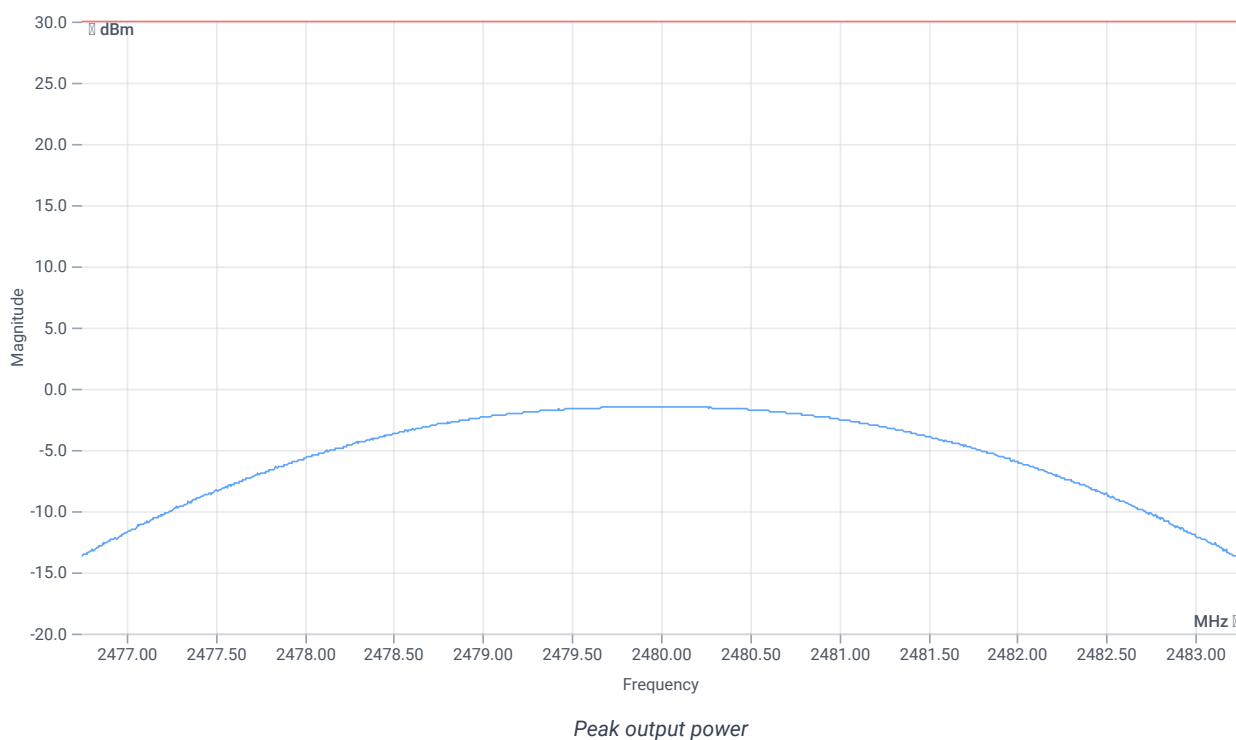
## Test at TX 2480 MHz

RESULT: Reference power cond.

| DESCRIPTION                   | LOWER LIMIT | UPPER LIMIT | MEASURED | UNIT | VERDICT |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. power<br>1MHz/1MHz cond. | ---         | ---         | -2.53    | dBm  | INFO    |
| Ref. frequency                | ---         | ---         | 2480.100 | MHz  | INFO    |

### READ SA SETTINGS:

|                                                      |                        |
|------------------------------------------------------|------------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 7.47   9.41   15       |
| Start [MHz]   Stop [MHz]                             | 2476.750   2483.250    |
| RBW [MHz]   VBW [MHz]                                | 3.000000   10.000000   |
| Detector   TraceMode                                 | POS   MAXH             |
| Sweep: time [ms]   count   points per Section   type | 1000   10   1001   SWE |



### RESULT

| DESCRIPTION       | LOWER LIMIT | UPPER LIMIT | MEASURED | UNIT | VERDICT |
|-------------------|-------------|-------------|----------|------|---------|
| Peak power        | ---         | 30.00       | -1.45    | dBm  | PASS    |
| Peak power        | ---         | 1000        | 0.716143 | mW   | PASS    |
| Frequency at peak | ---         | ---         | 2480.013 | MHz  | INFO    |

Verdict

PASS

## FCC 15.247 # Number of hopping channels FHSS ~ BT Classic Basic rate

### References

|                                               |                                                                    |
|-----------------------------------------------|--------------------------------------------------------------------|
| TC start                                      | 12.05.2026 10:46:51                                                |
| Ambit temp (test rack) [°C]   humidity [rel%] | not enabled   not enabled                                          |
| System version                                | 6.0.6.0                                                            |
| Standard   Version                            | FCC 15.247   NI                                                    |
| Method                                        |                                                                    |
| Description                                   | FCC 15.247 Number of hopping Channels FHSS - BT Classic Basic Rate |
| Information                                   |                                                                    |

### EUT Common Settings BT Classic

|                                    |                                                       |
|------------------------------------|-------------------------------------------------------|
| Intermodulation value N            | 3                                                     |
| Image freq. Low   Mid   High [MHz] | 0   0   0                                             |
| Power class                        | 1                                                     |
| Power control                      | No                                                    |
| Longest supported packet type      | DH5                                                   |
| RF Supported                       | Basic Rate True   EDR Pi/4DQPSK True   EDR 8DPSK True |
| Testmode                           | None                                                  |
| Perform inquiry                    | Yes                                                   |
| EUT BT address (if inquiry No)     | 0123456789AB                                          |
| Signaling BT address               | BABEBEDADBAD                                          |

### Equipment

|                                                               |
|---------------------------------------------------------------|
| Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.70 |
| Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0            |

### Test Parameter

|                                                  |                         |
|--------------------------------------------------|-------------------------|
| Technology to test                               | BT Classic Basic rate   |
| EUT port                                         | EUT1                    |
| Temperature                                      | nom                     |
| Voltage                                          | nom                     |
| Frequency low to test                            | False   Freq [MHz] 2402 |
| Frequency mid to test                            | False   Freq [MHz] 2441 |
| Frequency high to test                           | False   Freq [MHz] 2480 |
| Auto control enabled power supply   Climatic Box | No   No                 |
| Additional path loss [dB]                        | 0.7                     |

## Test Parameter

|                |                                           |
|----------------|-------------------------------------------|
| Full path type | EUT_SA_GEN_SIG                            |
| Full path name | EUT1.MP.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/ |
| Switch bits    | 00010001:00010001:00000000:00000001       |

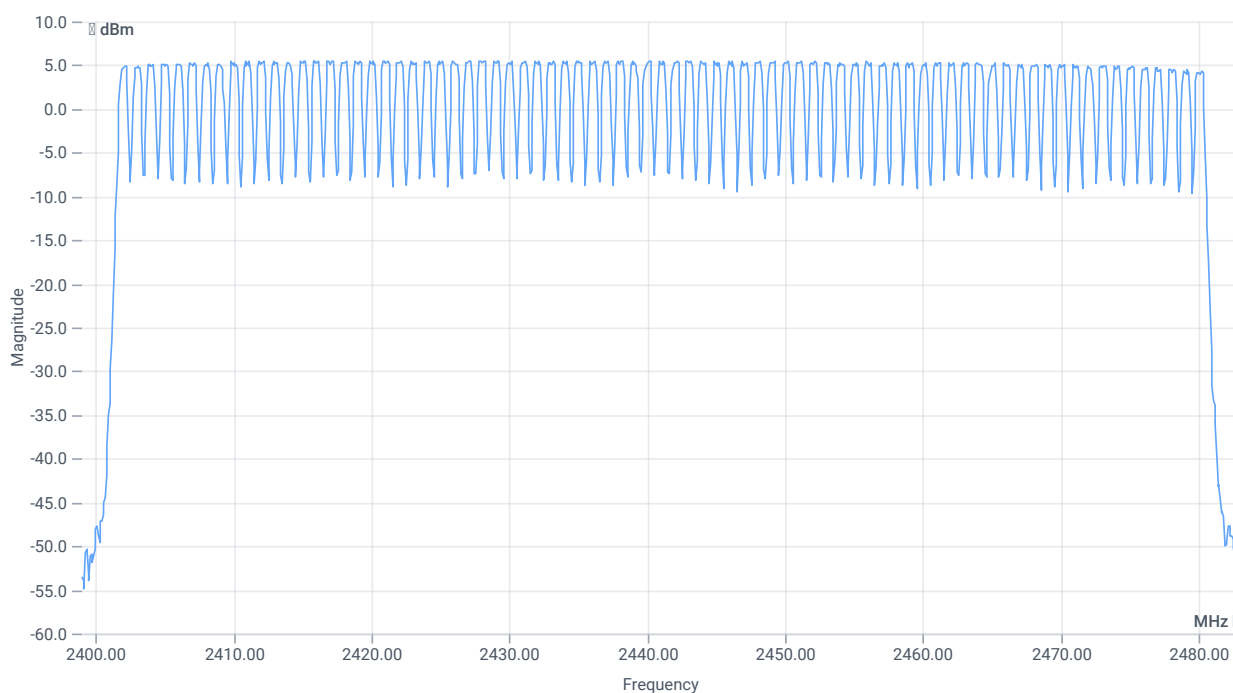
## Test at TX hopping MHz

RESULT: Reference power cond.

| DESCRIPTION                   | LOWER LIMIT | UPPER LIMIT | MEASURED | UNIT | VERDICT |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. power<br>1MHz/1MHz cond. | ---         | ---         | 5.58     | dBm  | INFO    |
| Ref. frequency                | ---         | ---         | 2422.120 | MHz  | INFO    |

### READ SA SETTINGS:

|                                                      |                        |
|------------------------------------------------------|------------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 10.58   9.28   20      |
| Start [MHz]   Stop [MHz]                             | 2399.000   2483.000    |
| RBW [MHz]   VBW [MHz]                                | 0.200000   0.500000    |
| Detector   TraceMode                                 | POS   MAXH             |
| Sweep: time [ms]   count   points per Section   type | 1   10000   1001   SWE |



Number of hopping channels

### RESULT

| DESCRIPTION               | LOWER LIMIT | UPPER LIMIT | MEASURED | UNIT | VERDICT |
|---------------------------|-------------|-------------|----------|------|---------|
| Hopp channel<br>(rounded) | ---         | ---         | 2402     | MHz  | INFO    |
| Hopp channel<br>(rounded) | ---         | ---         | 2403     | MHz  | INFO    |
| Hopp channel<br>(rounded) | ---         | ---         | 2404     | MHz  | INFO    |

## RESULT

| DESCRIPTION            | LOWER LIMIT | UPPER LIMIT | MEASURED | UNIT | VERDICT |
|------------------------|-------------|-------------|----------|------|---------|
| Hopp channel (rounded) | ---         | ---         | 2405     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2406     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2407     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2408     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2409     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2410     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2411     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2412     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2413     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2414     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2415     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2416     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2417     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2418     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2419     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2420     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2421     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2422     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2423     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2424     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2425     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2426     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2427     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2428     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2429     | MHz  | INFO    |

## RESULT

| DESCRIPTION            | LOWER LIMIT | UPPER LIMIT | MEASURED | UNIT | VERDICT |
|------------------------|-------------|-------------|----------|------|---------|
| Hopp channel (rounded) | ---         | ---         | 2430     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2431     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2432     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2433     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2434     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2435     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2436     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2437     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2438     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2439     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2440     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2441     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2442     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2443     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2444     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2445     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2446     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2447     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2448     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2449     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2450     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2451     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2452     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2453     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2454     | MHz  | INFO    |

## RESULT

| DESCRIPTION            | LOWER LIMIT | UPPER LIMIT | MEASURED | UNIT | VERDICT |
|------------------------|-------------|-------------|----------|------|---------|
| Hopp channel (rounded) | ---         | ---         | 2455     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2456     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2457     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2458     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2459     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2460     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2461     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2462     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2463     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2464     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2465     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2466     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2467     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2468     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2469     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2470     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2471     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2472     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2473     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2474     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2475     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2476     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2477     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2478     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2479     | MHz  | INFO    |

## RESULT

| DESCRIPTION               | LOWER LIMIT | UPPER LIMIT | MEASURED | UNIT   | VERDICT |
|---------------------------|-------------|-------------|----------|--------|---------|
| Hopp channel (rounded)    | ---         | ---         | 2480     | MHz    | INFO    |
| $\Sigma$ Hopping channels | 15          | ---         | 79       | Number | PASS    |

Verdict

PASS

## FCC 15.247 # TX spurious conducted 20dBc ~ BT Classic Basic rate

### References

|                                               |                                                                                                                  |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| TC start                                      | 12.05.2026 10:56:45                                                                                              |
| Ambit temp (test rack) [°C]   humidity [rel%] | not enabled   not enabled                                                                                        |
| System version                                | 6.0.6.0                                                                                                          |
| Standard   Version                            | FCC 15.247   NI                                                                                                  |
| Method                                        | IF DTS then 8.5 DTS emissions in non-restricted frequency bands:<br>Subclause 11.11 of ANSI C63.10 is applicable |
| Description                                   | FCC 15.247 TX emissions conducted FHSS - BT Classic Basic Rate                                                   |
| Information                                   |                                                                                                                  |

### EUT Common Settings BT Classic

|                                    |                                                       |
|------------------------------------|-------------------------------------------------------|
| Intermodulation value N            | 3                                                     |
| Image freq. Low   Mid   High [MHz] | 0   0   0                                             |
| Power class                        | 1                                                     |
| Power control                      | No                                                    |
| Longest supported packet type      | DH5                                                   |
| RF Supported                       | Basic Rate True   EDR Pi/4DQPSK True   EDR 8DPSK True |
| Testmode                           | None                                                  |
| Perform inquiry                    | Yes                                                   |
| EUT BT address (if inquiry No)     | 0123456789AB                                          |
| Signaling BT address               | BABEBEDADBAD                                          |

### Equipment

|                                                               |
|---------------------------------------------------------------|
| Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.70 |
| Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0            |

### Test Parameter

|                                                  |                        |
|--------------------------------------------------|------------------------|
| Technology to test                               | BT Classic Basic rate  |
| EUT port                                         | EUT1                   |
| Temperature                                      | nom                    |
| Voltage                                          | nom                    |
| Frequency low to test                            | True   Freq [MHz] 2402 |
| Frequency mid to test                            | True   Freq [MHz] 2441 |
| Frequency high to test                           | True   Freq [MHz] 2480 |
| Auto control enabled power supply   Climatic Box | No   No                |
| Additional path loss [dB]                        | 0.7                    |
| Full path type                                   | EUT_SA_GEN_SIG         |

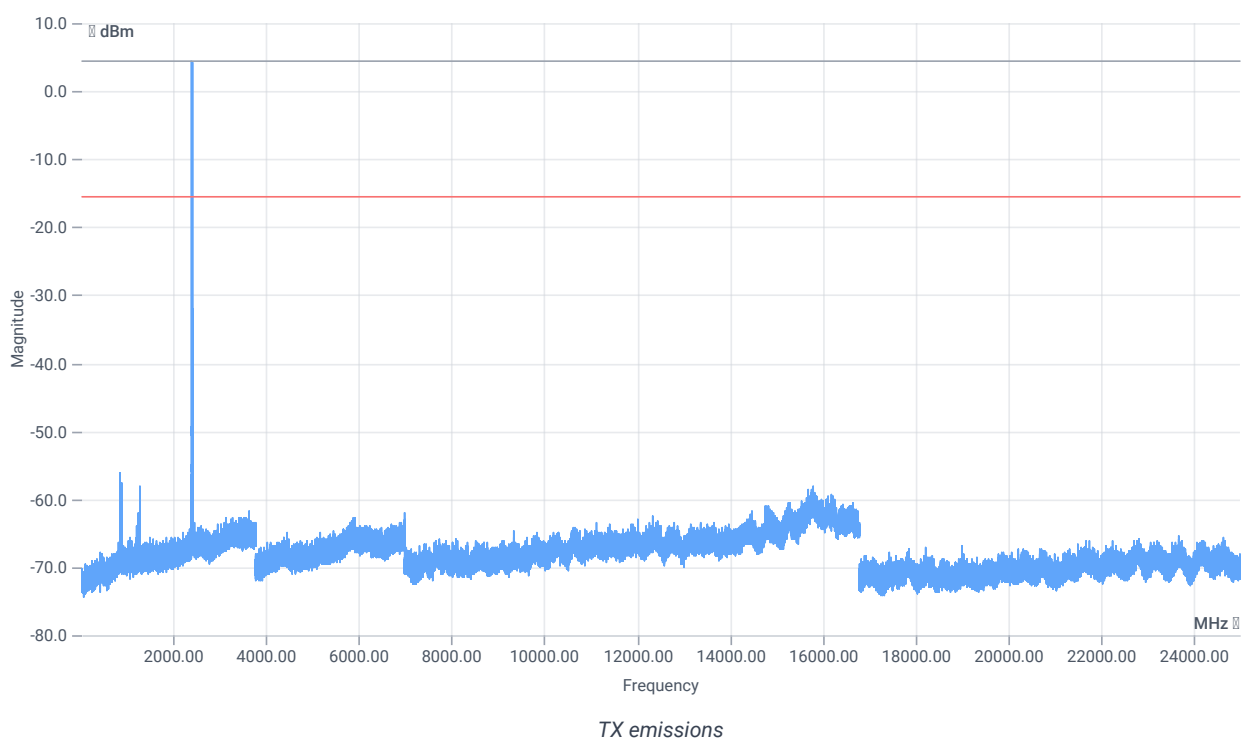
## Test Parameter

|                |                                           |
|----------------|-------------------------------------------|
| Full path name | EUT1.MP.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/ |
| Switch bits    | 00010001:00010001:00000000:00000001       |

## Test at TX 2402 MHz

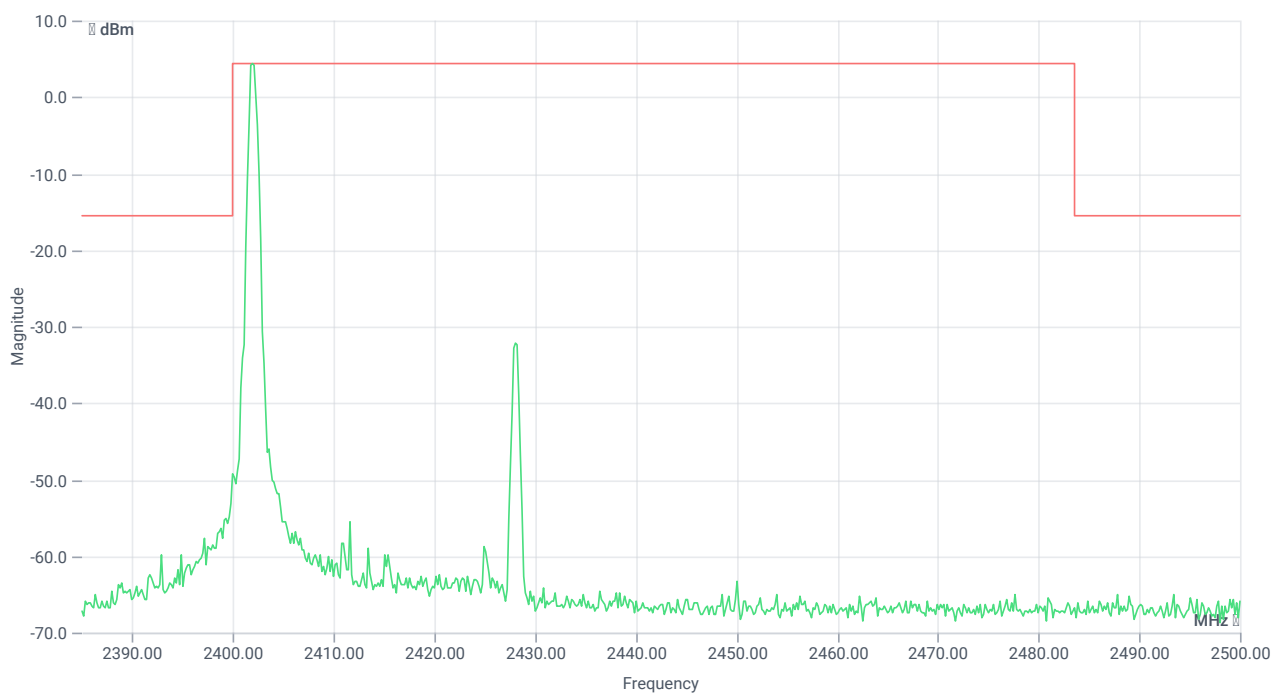
RESULT: Reference power cond.

| DESCRIPTION                   | LOWER LIMIT | UPPER LIMIT | MEASURED | UNIT | VERDICT |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. power<br>1MHz/1MHz cond. | ---         | ---         | 5.03     | dBm  | INFO    |
| Ref. frequency                | ---         | ---         | 2402.200 | MHz  | INFO    |



### READ SA SETTINGS:

|                                                      |                       |
|------------------------------------------------------|-----------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 5.03   17.06   5      |
| Start [MHz]   Stop [MHz]                             | 24780.000   25000.000 |
| RBW [MHz]   VBW [MHz]                                | 0.100000   0.300000   |
| Detector   TraceMode                                 | POS   MAXH            |
| Sweep: time [ms]   count   points per Section   type | 200   25   1501   SWE |



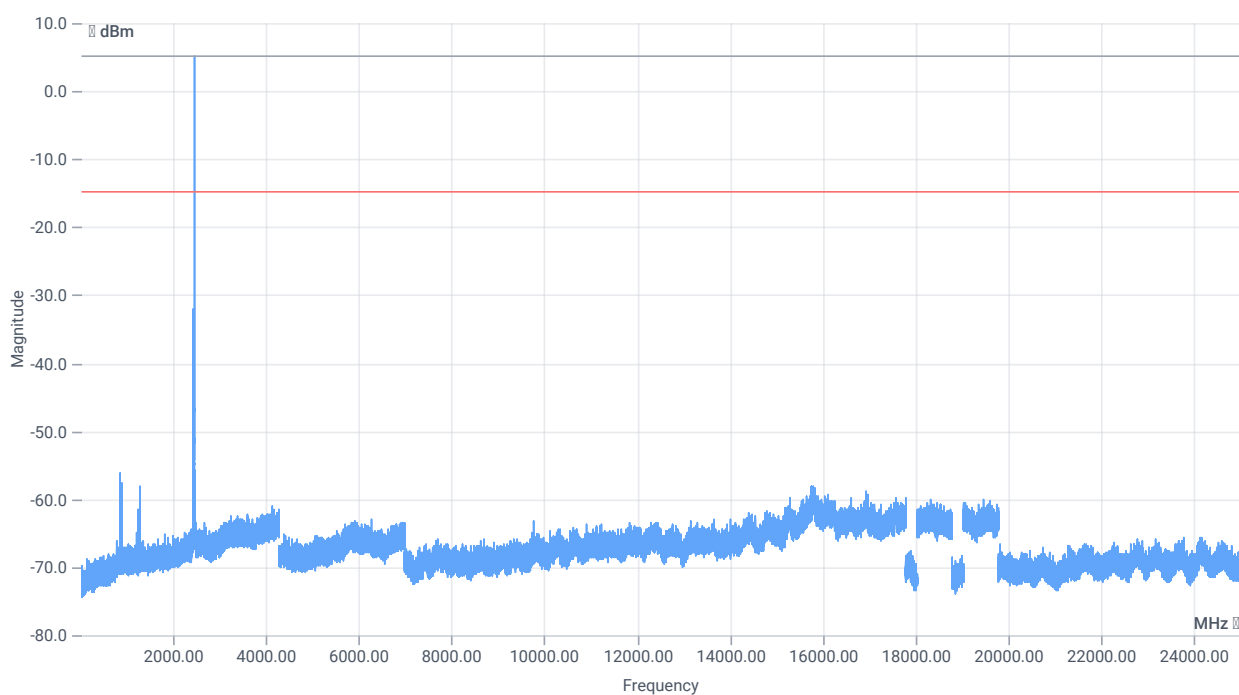
## RESULT

| DESCRIPTION                         | LOWER LIMIT | UPPER LIMIT | MEASURED | UNIT | VERDICT |
|-------------------------------------|-------------|-------------|----------|------|---------|
| Reference @ 2402.00 MHz             | ---         | ---         | 4.41     | dBm  | INFO    |
| No peaks detected                   | ---         | ---         |          |      | PASS    |
| Lowest margin to limit 2399.833 MHz | 0           | ---         | 37.46    | dB   | INFO    |

## Test at TX 2441 MHz

RESULT: Reference power cond.

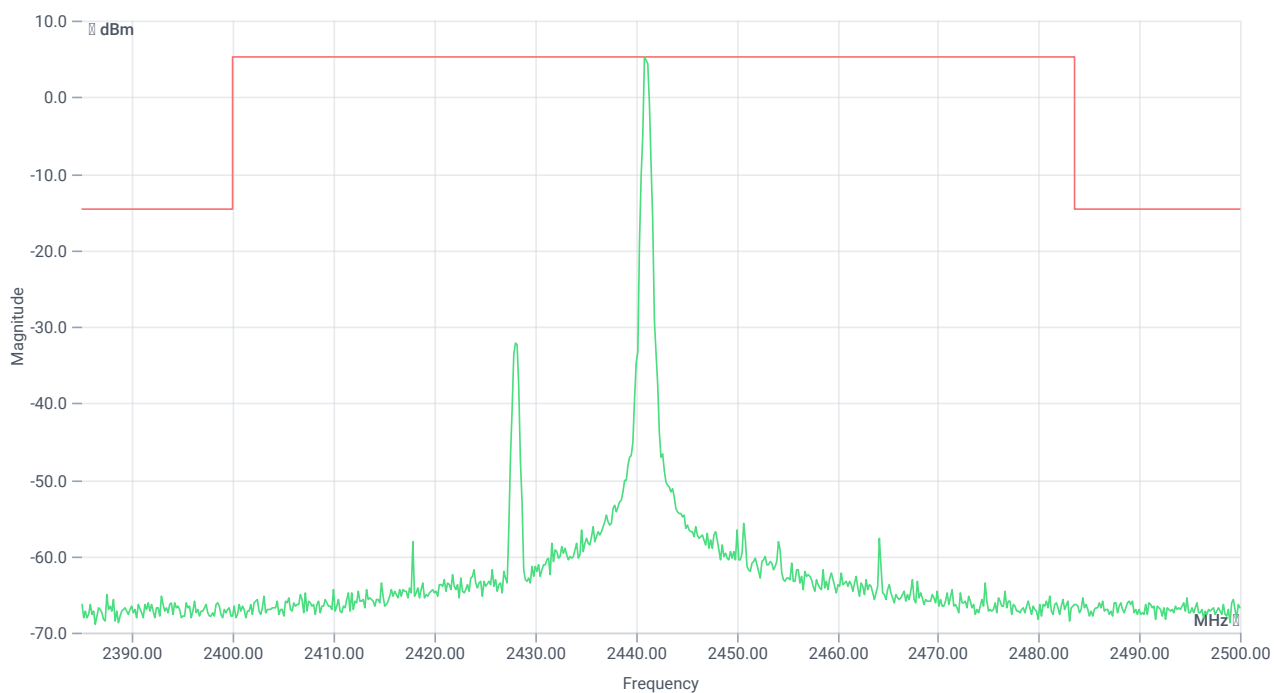
| DESCRIPTION                   | LOWER LIMIT | UPPER LIMIT | MEASURED | UNIT | VERDICT |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. power<br>1MHz/1MHz cond. | ---         | ---         | 5.53     | dBm  | INFO    |
| Ref. frequency                | ---         | ---         | 2441.100 | MHz  | INFO    |



TX emissions

### READ SA SETTINGS:

|                                                      |                       |
|------------------------------------------------------|-----------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 5.53   17.06   5      |
| Start [MHz]   Stop [MHz]                             | 24780.000   25000.000 |
| RBW [MHz]   VBW [MHz]                                | 0.100000   0.300000   |
| Detector   TraceMode                                 | POS   MAXH            |
| Sweep: time [ms]   count   points per Section   type | 200   25   1501   SWE |



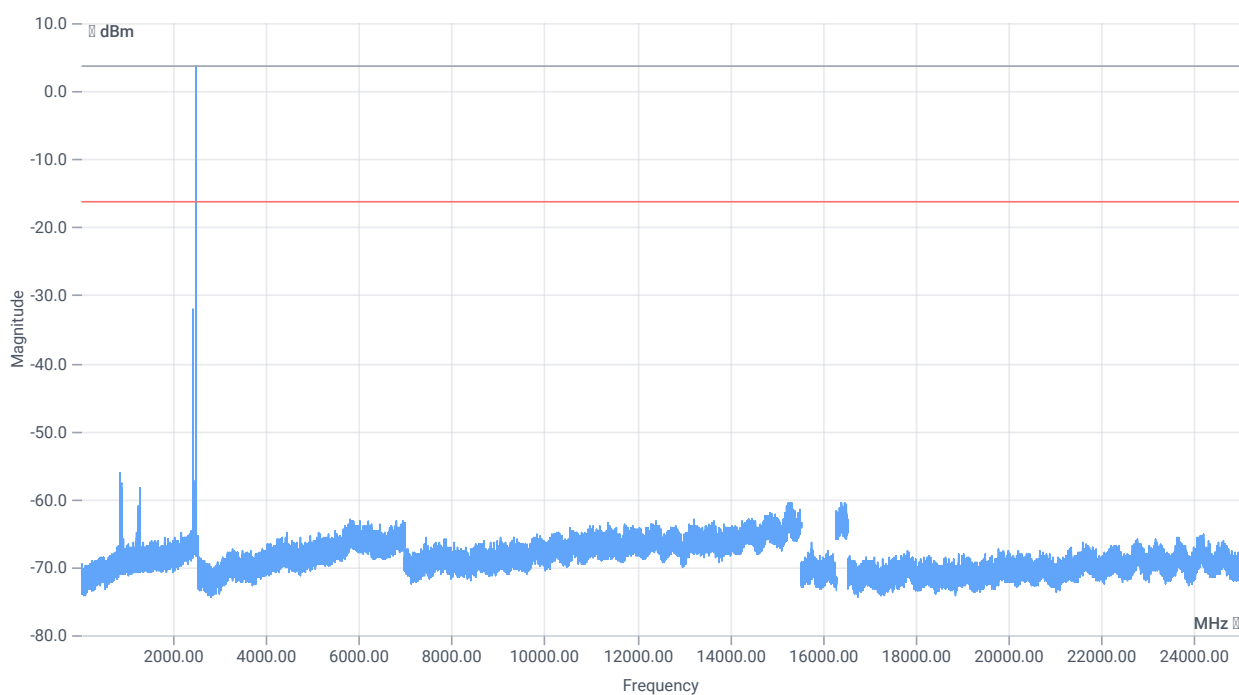
## RESULT

| DESCRIPTION                        | LOWER LIMIT | UPPER LIMIT | MEASURED | UNIT | VERDICT |
|------------------------------------|-------------|-------------|----------|------|---------|
| Reference @ 2440.83 MHz            | ---         | ---         | 5.26     | dBm  | INFO    |
| No peaks detected                  | ---         | ---         |          |      | PASS    |
| Lowest margin to limit 862.667 MHz | 0           | ---         | 41.48    | dB   | INFO    |

## Test at TX 2480 MHz

RESULT: Reference power cond.

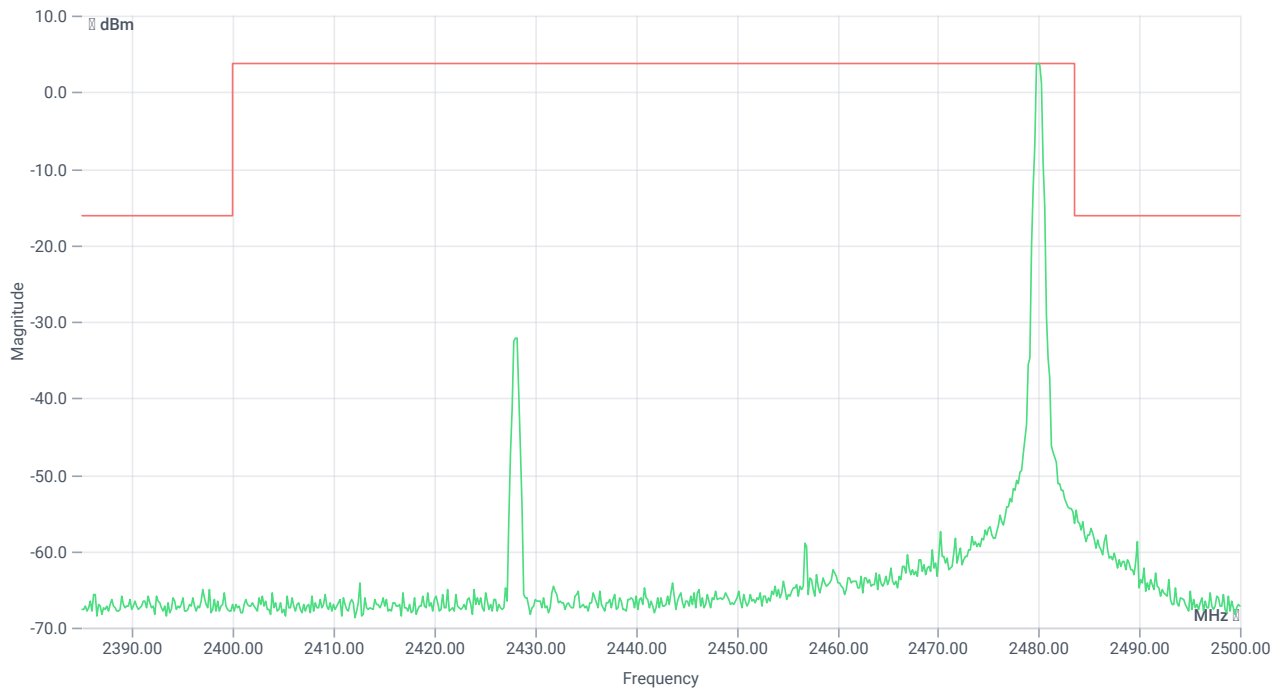
| DESCRIPTION                   | LOWER LIMIT | UPPER LIMIT | MEASURED | UNIT | VERDICT |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. power<br>1MHz/1MHz cond. | ---         | ---         | 4.51     | dBm  | INFO    |
| Ref. frequency                | ---         | ---         | 2480.200 | MHz  | INFO    |



TX emissions

## READ SA SETTINGS:

|                                                      |                       |
|------------------------------------------------------|-----------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 4.51   17.06   5      |
| Start [MHz]   Stop [MHz]                             | 24780.000   25000.000 |
| RBW [MHz]   VBW [MHz]                                | 0.100000   0.300000   |
| Detector   TraceMode                                 | POS   MAXH            |
| Sweep: time [ms]   count   points per Section   type | 200   25   1501   SWE |



## RESULT

| DESCRIPTION                         | LOWER LIMIT | UPPER LIMIT | MEASURED | UNIT | VERDICT |
|-------------------------------------|-------------|-------------|----------|------|---------|
| Reference @ 2480.00 MHz             | ---         | ---         | 3.73     | dBm  | INFO    |
| No peaks detected                   | ---         | ---         |          |      | PASS    |
| Lowest margin to limit 2483.667 MHz | 0           | ---         | 38.43    | dB   | INFO    |

Verdict

PASS

## FCC 15.247 # TX spurious conducted 20dBc ~ BT Classic EDR Pi/4DQPSK

### References

|                                               |                                                                                                                  |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| TC start                                      | 12.05.2026 11:52:05                                                                                              |
| Ambit temp (test rack) [°C]   humidity [rel%] | not enabled   not enabled                                                                                        |
| System version                                | 6.0.6.0                                                                                                          |
| Standard   Version                            | FCC 15.247   NI                                                                                                  |
| Method                                        | IF DTS then 8.5 DTS emissions in non-restricted frequency bands:<br>Subclause 11.11 of ANSI C63.10 is applicable |
| Description                                   | FCC 15.247 TX emissions conducted FHSS - BT Classic EDR<br>Pi/4DQPSK                                             |
| Information                                   |                                                                                                                  |

### EUT Common Settings BT Classic

|                                    |                                                       |
|------------------------------------|-------------------------------------------------------|
| Intermodulation value N            | 3                                                     |
| Image freq. Low   Mid   High [MHz] | 0   0   0                                             |
| Power class                        | 1                                                     |
| Power control                      | No                                                    |
| Longest supported packet type      | DH5                                                   |
| RF Supported                       | Basic Rate True   EDR Pi/4DQPSK True   EDR 8DPSK True |
| Testmode                           | None                                                  |
| Perform inquiry                    | Yes                                                   |
| EUT BT address (if inquiry No)     | 0123456789AB                                          |
| Signaling BT address               | BABEBEDADBAD                                          |

### Equipment

|                                                               |
|---------------------------------------------------------------|
| Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.70 |
| Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0            |

### Test Parameter

|                                                  |                          |
|--------------------------------------------------|--------------------------|
| Technology to test                               | BT Classic EDR Pi/4DQPSK |
| EUT port                                         | EUT1                     |
| Temperature                                      | nom                      |
| Voltage                                          | nom                      |
| Frequency low to test                            | True   Freq [MHz] 2402   |
| Frequency mid to test                            | True   Freq [MHz] 2441   |
| Frequency high to test                           | True   Freq [MHz] 2480   |
| Auto control enabled power supply   Climatic Box | No   No                  |
| Additional path loss [dB]                        | 0.7                      |

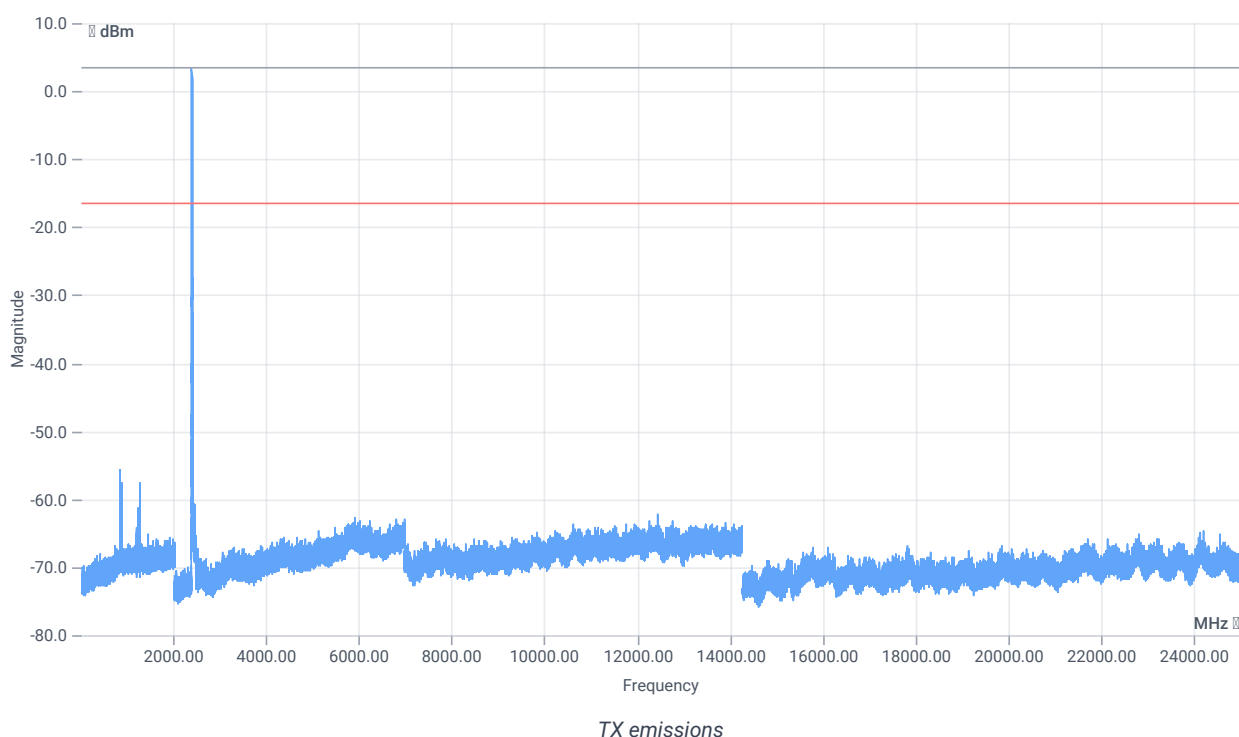
## Test Parameter

|                |                                           |
|----------------|-------------------------------------------|
| Full path type | EUT_SA_GEN_SIG                            |
| Full path name | EUT1.MP.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/ |
| Switch bits    | 00010001:00010001:00000000:00000001       |

## Test at TX 2402 MHz

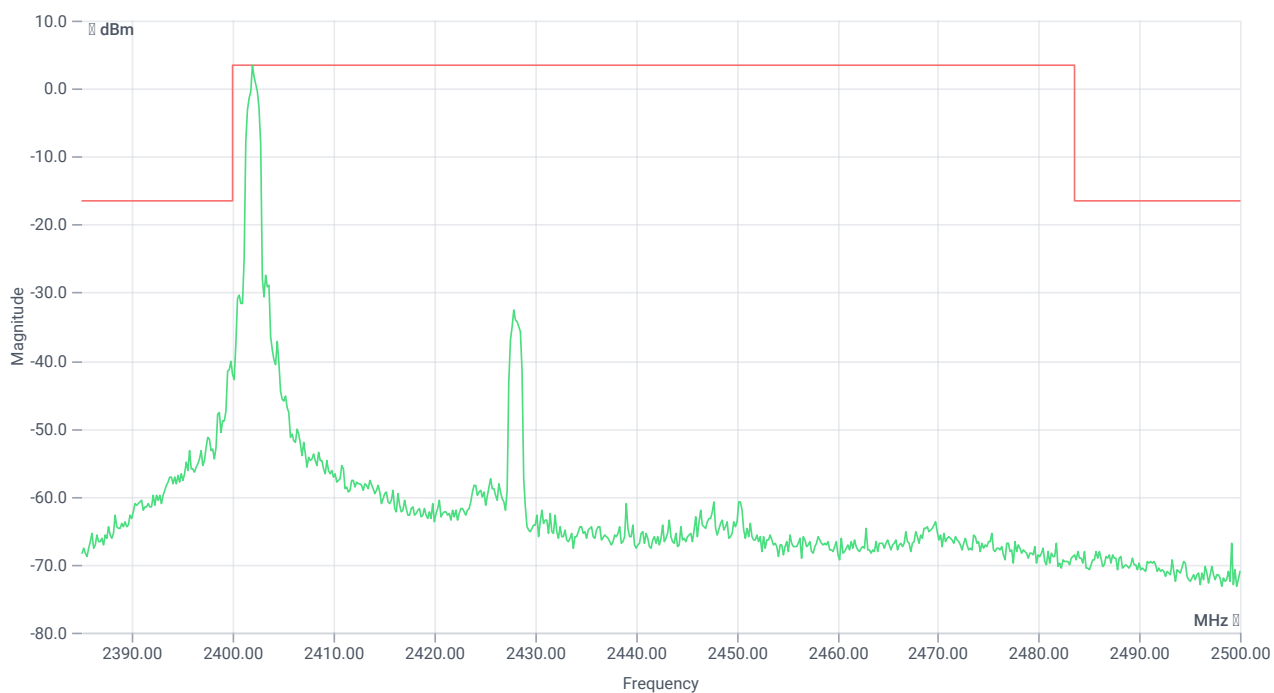
RESULT: Reference power cond.

| DESCRIPTION                   | LOWER LIMIT | UPPER LIMIT | MEASURED | UNIT | VERDICT |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. power<br>1MHz/1MHz cond. | ---         | ---         | 4.02     | dBm  | INFO    |
| Ref. frequency                | ---         | ---         | 2402.200 | MHz  | INFO    |



## READ SA SETTINGS:

|                                                      |                       |
|------------------------------------------------------|-----------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 4.02   17.06   5      |
| Start [MHz]   Stop [MHz]                             | 24780.000   25000.000 |
| RBW [MHz]   VBW [MHz]                                | 0.100000   0.300000   |
| Detector   TraceMode                                 | POS   MAXH            |
| Sweep: time [ms]   count   points per Section   type | 200   25   1501   SWE |



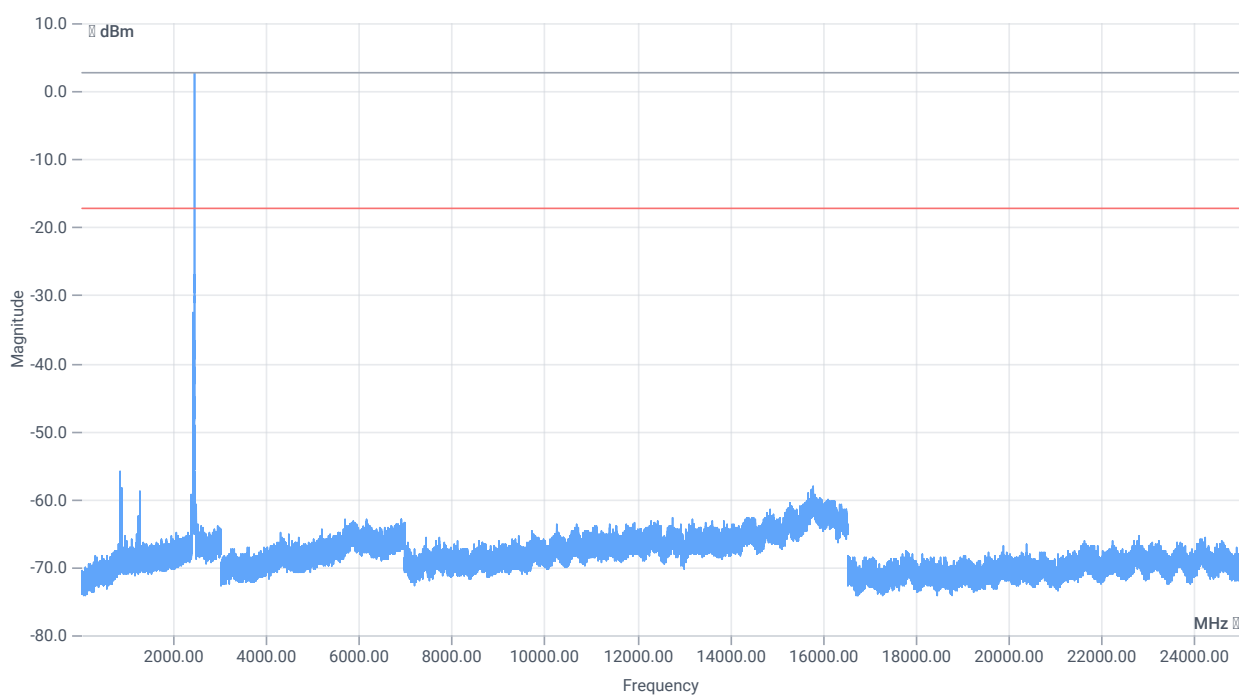
## RESULT

| DESCRIPTION                         | LOWER LIMIT | UPPER LIMIT | MEASURED | UNIT | VERDICT |
|-------------------------------------|-------------|-------------|----------|------|---------|
| Reference @ 2402.00 MHz             | ---         | ---         | 3.42     | dBm  | INFO    |
| No peaks detected                   | ---         | ---         |          |      | PASS    |
| Lowest margin to limit 2399.833 MHz | 0           | ---         | 23.56    | dB   | INFO    |

## Test at TX 2441 MHz

RESULT: Reference power cond.

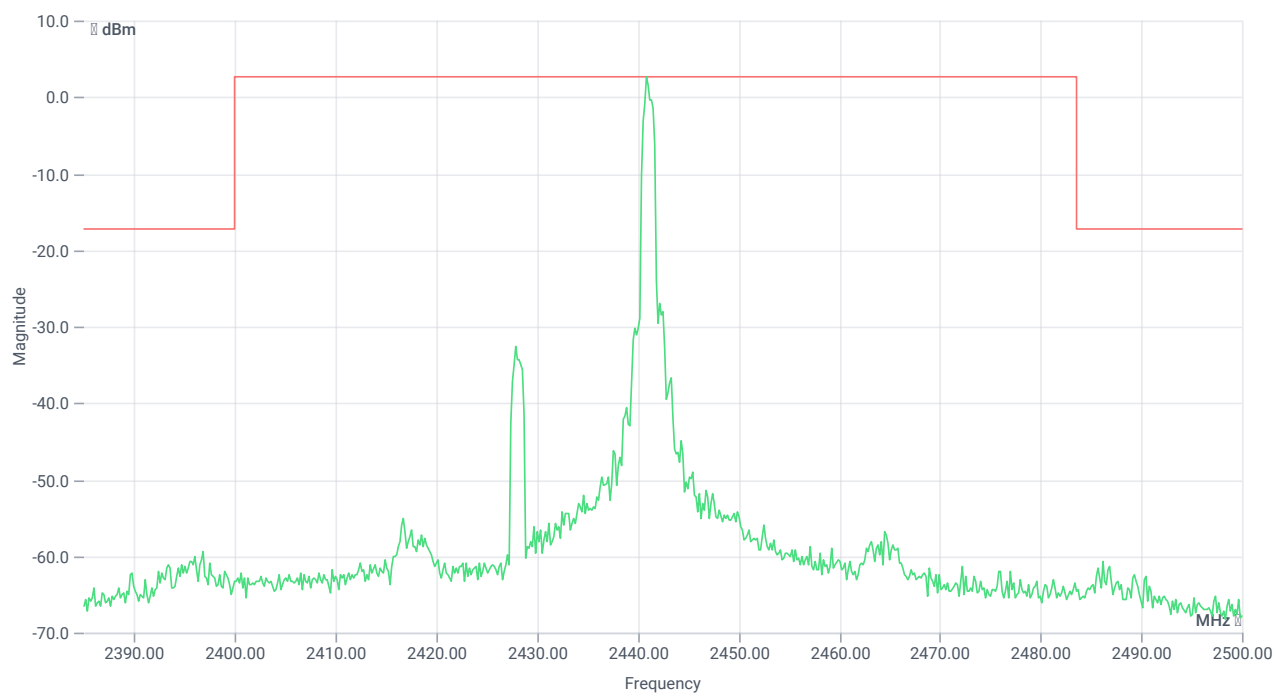
| DESCRIPTION                   | LOWER LIMIT | UPPER LIMIT | MEASURED | UNIT | VERDICT |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. power<br>1MHz/1MHz cond. | ---         | ---         | 4.70     | dBm  | INFO    |
| Ref. frequency                | ---         | ---         | 2441.100 | MHz  | INFO    |



TX emissions

## READ SA SETTINGS:

|                                                      |                       |
|------------------------------------------------------|-----------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 4.70   17.06   5      |
| Start [MHz]   Stop [MHz]                             | 24780.000   25000.000 |
| RBW [MHz]   VBW [MHz]                                | 0.100000   0.300000   |
| Detector   TraceMode                                 | POS   MAXH            |
| Sweep: time [ms]   count   points per Section   type | 200   25   1501   SWE |



TX emissions band zoomed

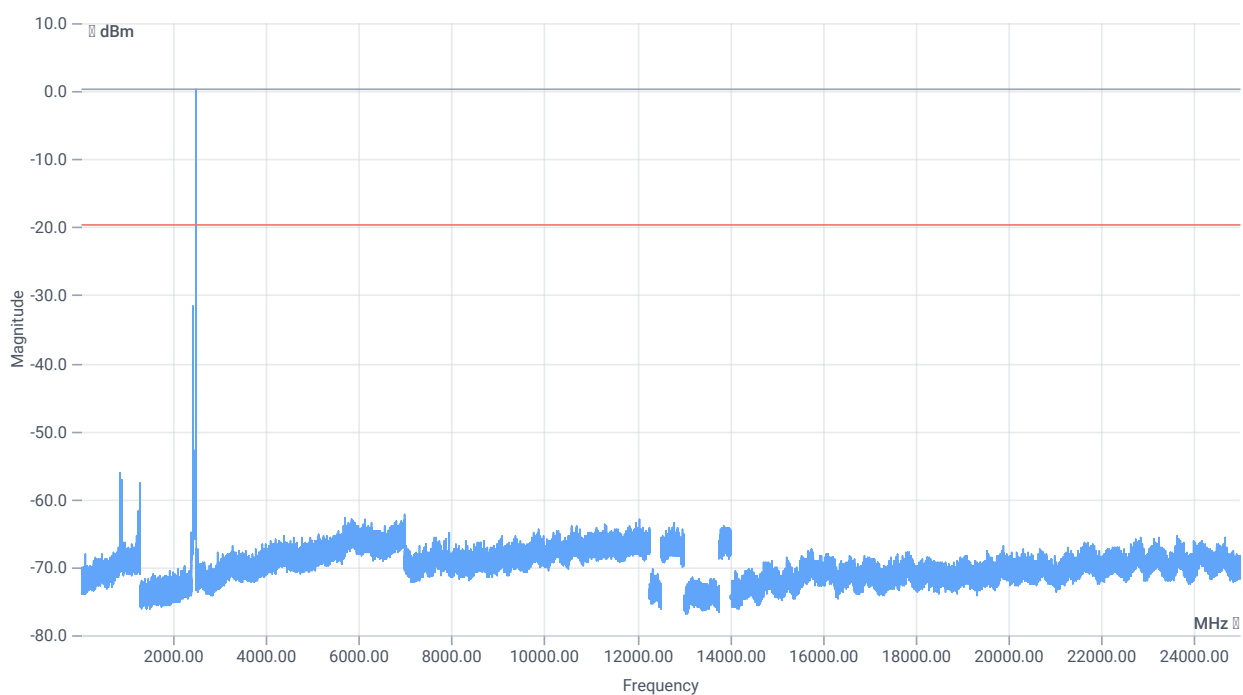
## RESULT

| DESCRIPTION                        | LOWER LIMIT | UPPER LIMIT | MEASURED | UNIT | VERDICT |
|------------------------------------|-------------|-------------|----------|------|---------|
| Reference @ 2440.83 MHz            | ---         | ---         | 2.69     | dBm  | INFO    |
| No peaks detected                  | ---         | ---         |          |      | PASS    |
| Lowest margin to limit 863.667 MHz | 0           | ---         | 38.59    | dB   | INFO    |

## Test at TX 2480 MHz

RESULT: Reference power cond.

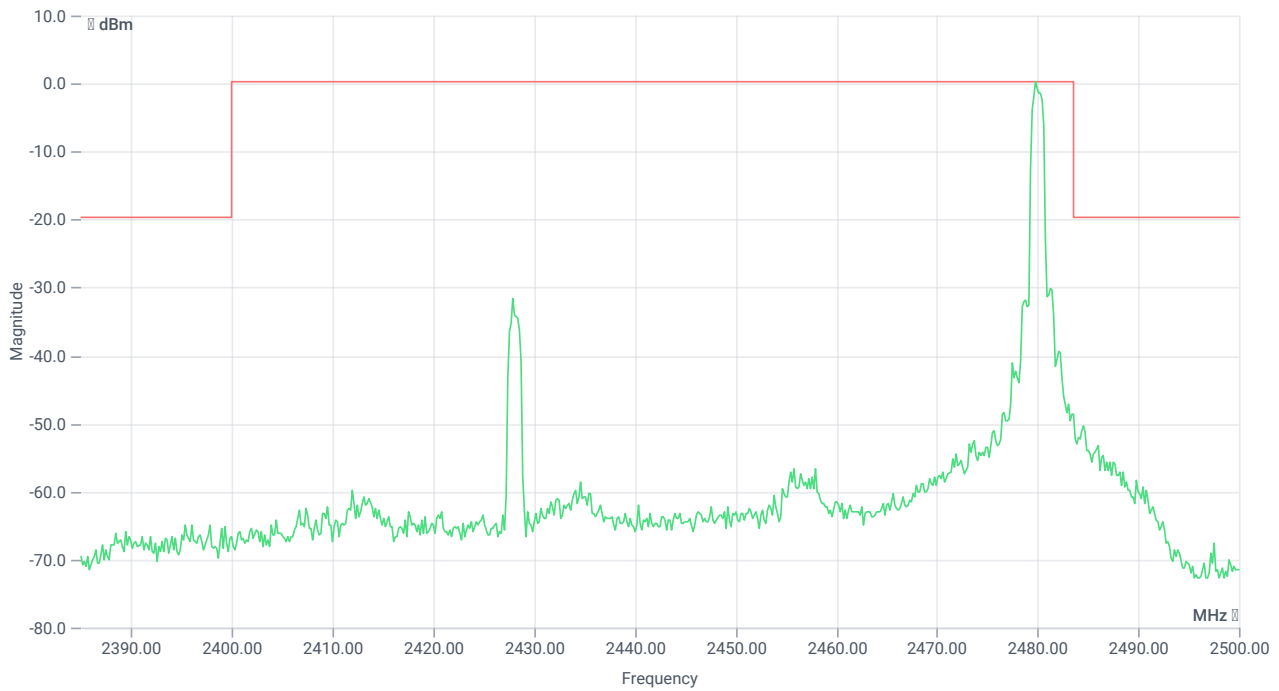
| DESCRIPTION                   | LOWER LIMIT | UPPER LIMIT | MEASURED | UNIT | VERDICT |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. power<br>1MHz/1MHz cond. | ---         | ---         | 3.47     | dBm  | INFO    |
| Ref. frequency                | ---         | ---         | 2480.100 | MHz  | INFO    |



TX emissions

## READ SA SETTINGS:

|                                                      |                       |
|------------------------------------------------------|-----------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 3.47   17.06   5      |
| Start [MHz]   Stop [MHz]                             | 24780.000   25000.000 |
| RBW [MHz]   VBW [MHz]                                | 0.100000   0.300000   |
| Detector   TraceMode                                 | POS   MAXH            |
| Sweep: time [ms]   count   points per Section   type | 200   25   1501   SWE |



## RESULT

| DESCRIPTION                       | LOWER LIMIT | UPPER LIMIT | MEASURED | UNIT | VERDICT |
|-----------------------------------|-------------|-------------|----------|------|---------|
| Reference @ 2479.83 MHz           | ---         | ---         | 0.32     | dBm  | INFO    |
| No peaks detected                 | ---         | ---         |          |      | PASS    |
| Lowest margin to limit 2484.5 MHz | 0           | ---         | 30.56    | dB   | INFO    |

Verdict

PASS

## FCC 15.247 # TX spurious conducted 20dBc ~ BT Classic EDR 8DPSK

### References

|                                               |                                                                                                                  |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| TC start                                      | 12.05.2026 13:43:08                                                                                              |
| Ambit temp (test rack) [°C]   humidity [rel%] | not enabled   not enabled                                                                                        |
| System version                                | 6.0.6.0                                                                                                          |
| Standard   Version                            | FCC 15.247   NI                                                                                                  |
| Method                                        | IF DTS then 8.5 DTS emissions in non-restricted frequency bands:<br>Subclause 11.11 of ANSI C63.10 is applicable |
| Description                                   | FCC 15.247 TX emissions conducted FHSS - BT Classic EDR 8DPSK                                                    |
| Information                                   |                                                                                                                  |

### EUT Common Settings BT Classic

|                                    |                                                       |
|------------------------------------|-------------------------------------------------------|
| Intermodulation value N            | 3                                                     |
| Image freq. Low   Mid   High [MHz] | 0   0   0                                             |
| Power class                        | 1                                                     |
| Power control                      | No                                                    |
| Longest supported packet type      | DH5                                                   |
| RF Supported                       | Basic Rate True   EDR Pi/4DQPSK True   EDR 8DPSK True |
| Testmode                           | None                                                  |
| Perform inquiry                    | Yes                                                   |
| EUT BT address (if inquiry No)     | 0123456789AB                                          |
| Signaling BT address               | BABEBEDADBAD                                          |

### Equipment

|                                                               |
|---------------------------------------------------------------|
| Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.70 |
| Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0            |

### Test Parameter

|                                                  |                        |
|--------------------------------------------------|------------------------|
| Technology to test                               | BT Classic EDR 8DPSK   |
| EUT port                                         | EUT1                   |
| Temperature                                      | nom                    |
| Voltage                                          | nom                    |
| Frequency low to test                            | True   Freq [MHz] 2402 |
| Frequency mid to test                            | True   Freq [MHz] 2441 |
| Frequency high to test                           | True   Freq [MHz] 2480 |
| Auto control enabled power supply   Climatic Box | No   No                |
| Additional path loss [dB]                        | 0.7                    |
| Full path type                                   | EUT_SA_GEN_SIG         |

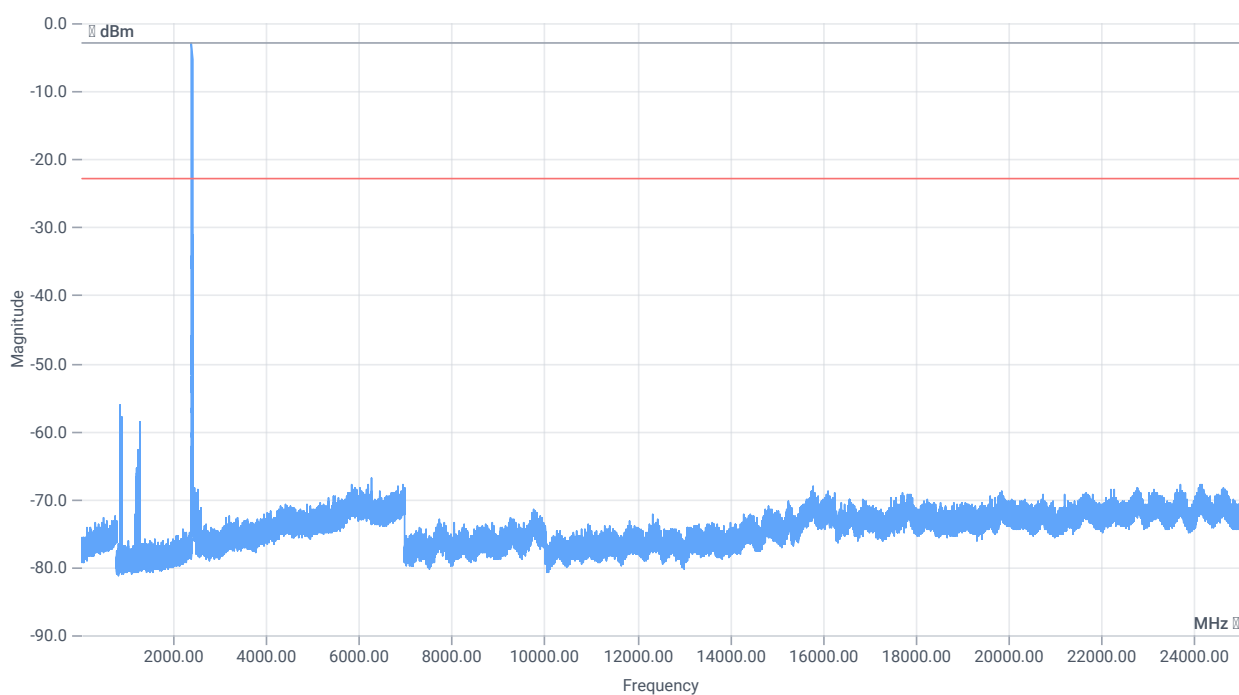
## Test Parameter

|                |                                           |
|----------------|-------------------------------------------|
| Full path name | EUT1.MP.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/ |
| Switch bits    | 00010001:00010001:00000000:00000001       |

## Test at TX 2402 MHz

RESULT: Reference power cond.

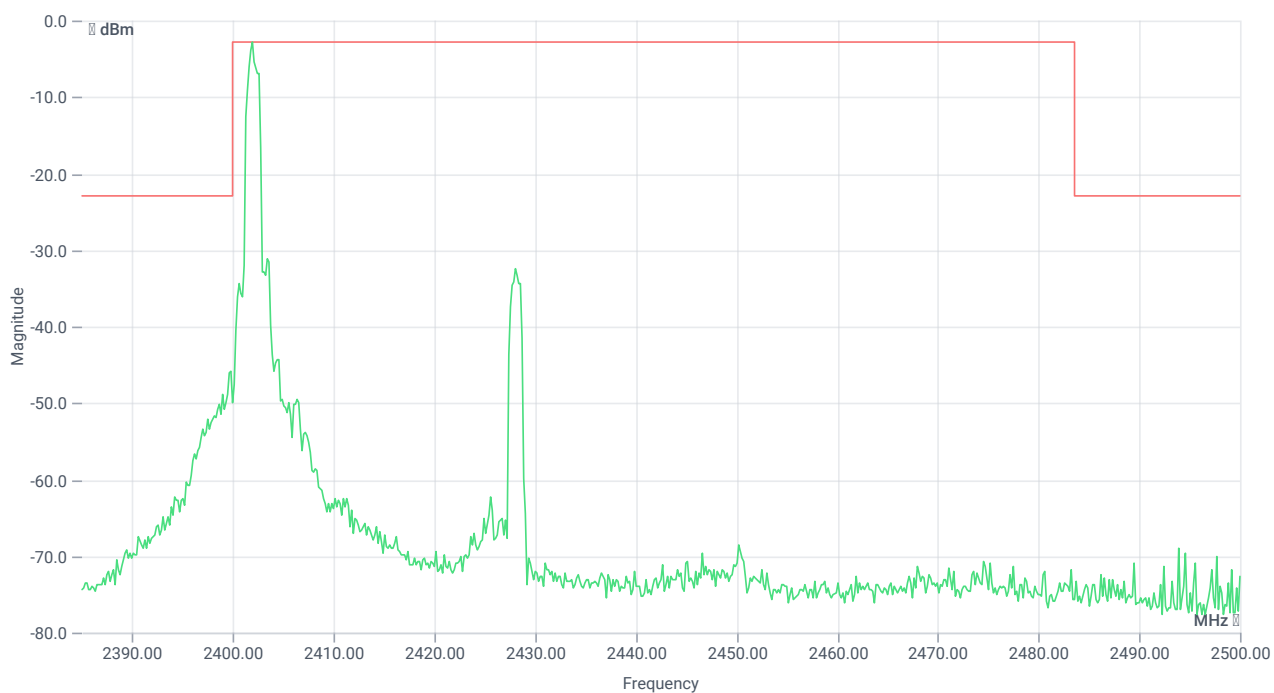
| DESCRIPTION                   | LOWER LIMIT | UPPER LIMIT | MEASURED | UNIT | VERDICT |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. power<br>1MHz/1MHz cond. | ---         | ---         | -2.18    | dBm  | INFO    |
| Ref. frequency                | ---         | ---         | 2402.100 | MHz  | INFO    |



TX emissions

## READ SA SETTINGS:

|                                                      |                       |
|------------------------------------------------------|-----------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | -2.18   17.06   0     |
| Start [MHz]   Stop [MHz]                             | 24780.000   25000.000 |
| RBW [MHz]   VBW [MHz]                                | 0.100000   0.300000   |
| Detector   TraceMode                                 | POS   MAXH            |
| Sweep: time [ms]   count   points per Section   type | 200   25   1501   SWE |



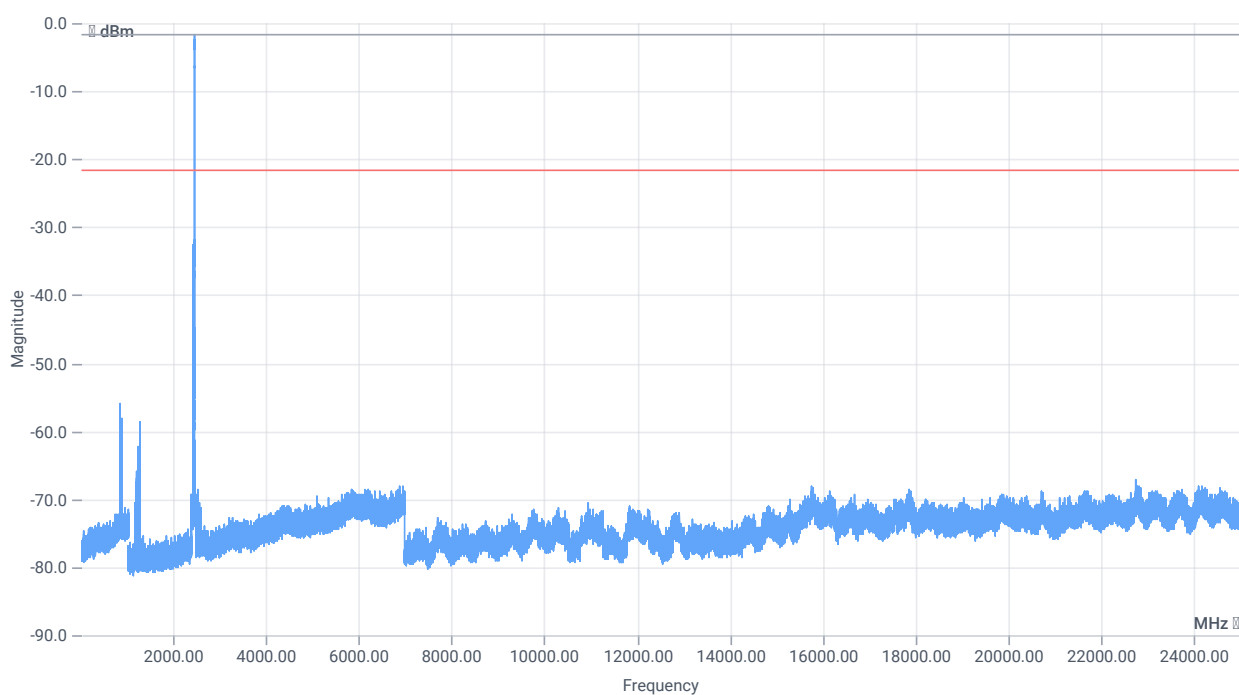
## RESULT

| DESCRIPTION                         | LOWER LIMIT | UPPER LIMIT | MEASURED | UNIT | VERDICT |
|-------------------------------------|-------------|-------------|----------|------|---------|
| Reference @ 2402.00 MHz             | ---         | ---         | -2.89    | dBm  | INFO    |
| No peaks detected                   | ---         | ---         |          |      | PASS    |
| Lowest margin to limit 2399.833 MHz | 0           | ---         | 22.98    | dB   | INFO    |

## Test at TX 2441 MHz

RESULT: Reference power cond.

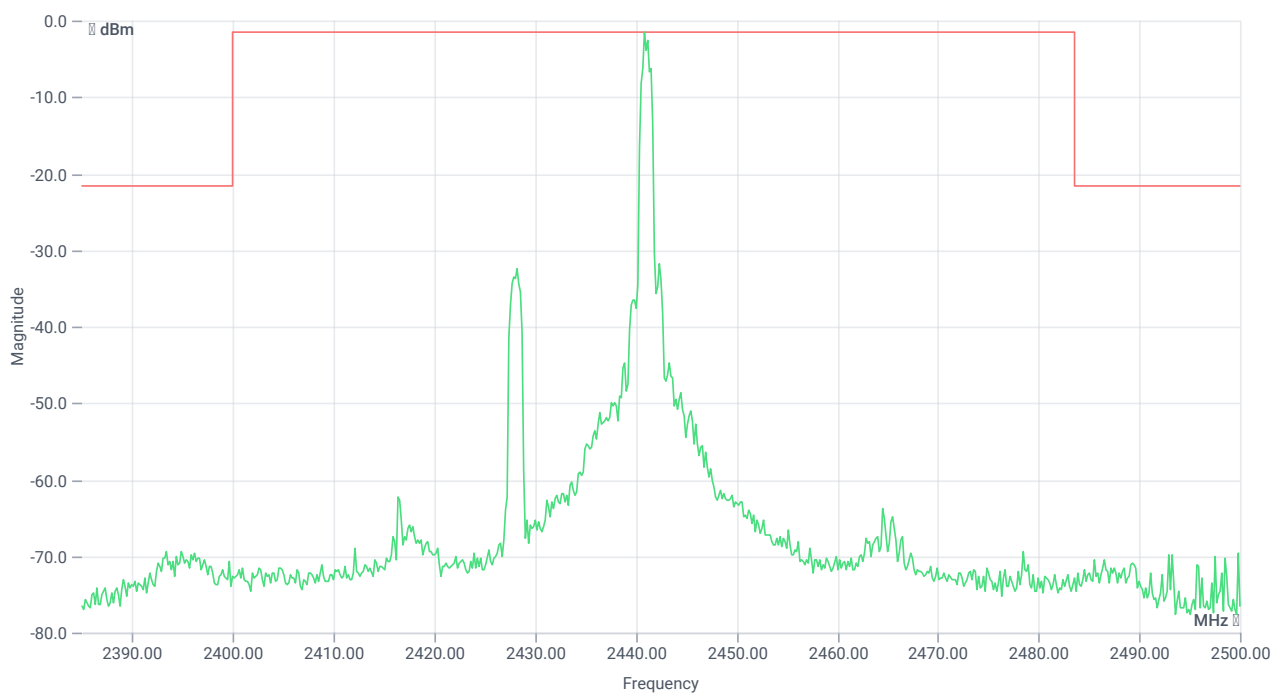
| DESCRIPTION                   | LOWER LIMIT | UPPER LIMIT | MEASURED | UNIT | VERDICT |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. power<br>1MHz/1MHz cond. | ---         | ---         | -1.73    | dBm  | INFO    |
| Ref. frequency                | ---         | ---         | 2440.700 | MHz  | INFO    |



TX emissions

### READ SA SETTINGS:

|                                                      |                       |
|------------------------------------------------------|-----------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | -1.73   17.06   0     |
| Start [MHz]   Stop [MHz]                             | 24780.000   25000.000 |
| RBW [MHz]   VBW [MHz]                                | 0.100000   0.300000   |
| Detector   TraceMode                                 | POS   MAXH            |
| Sweep: time [ms]   count   points per Section   type | 200   25   1501   SWE |



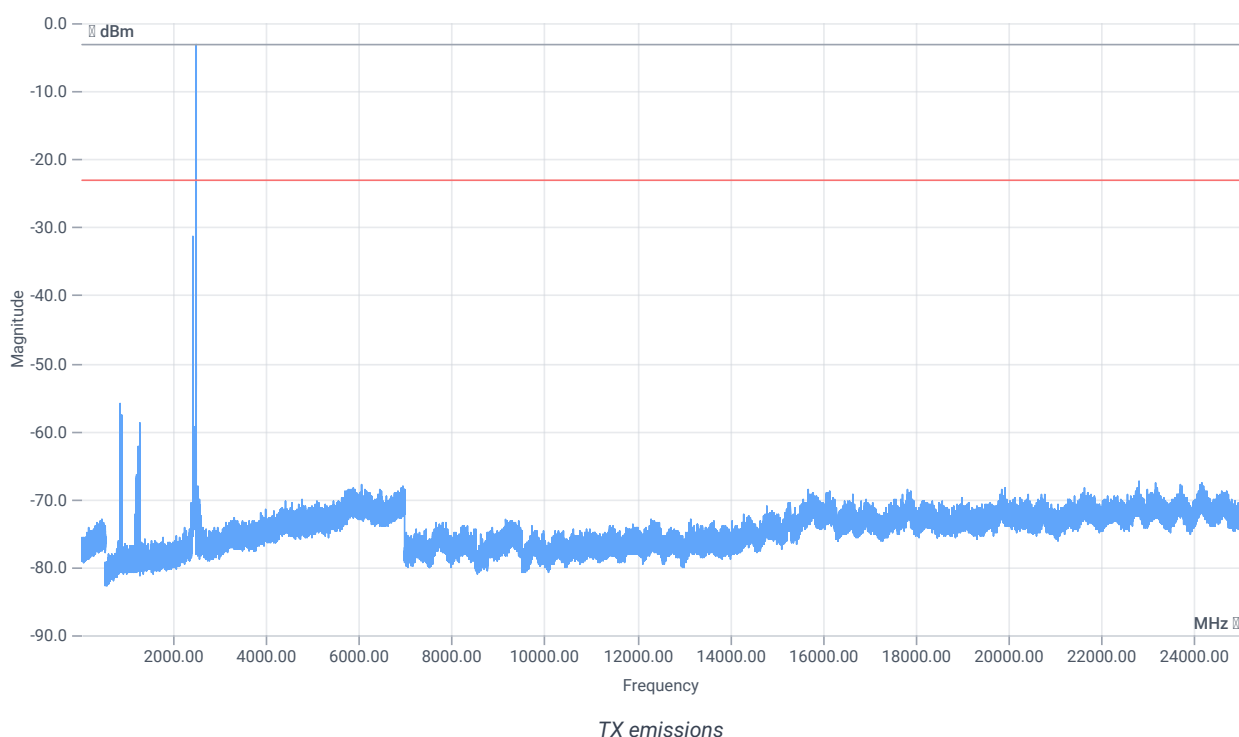
## RESULT

| DESCRIPTION                        | LOWER LIMIT | UPPER LIMIT | MEASURED | UNIT | VERDICT |
|------------------------------------|-------------|-------------|----------|------|---------|
| Reference @ 2440.83 MHz            | ---         | ---         | -1.61    | dBm  | INFO    |
| No peaks detected                  | ---         | ---         |          |      | PASS    |
| Lowest margin to limit 863.833 MHz | 0           | ---         | 34.25    | dB   | INFO    |

## Test at TX 2480 MHz

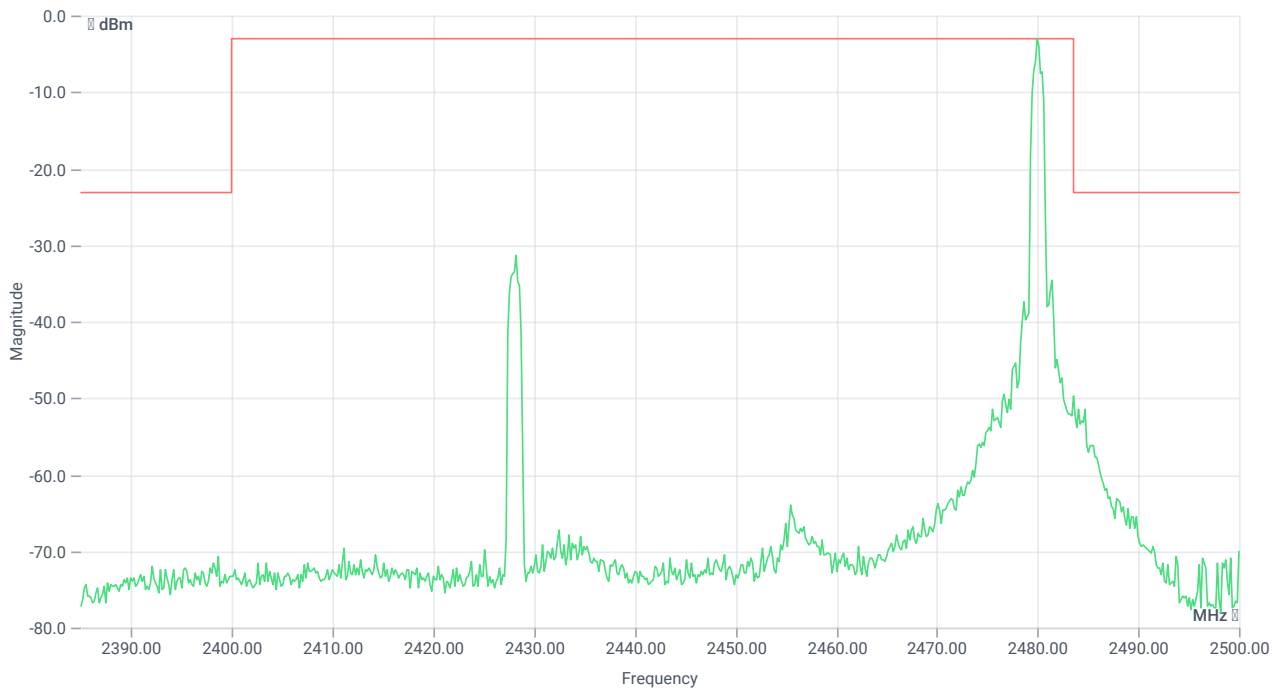
RESULT: Reference power cond.

| DESCRIPTION                   | LOWER LIMIT | UPPER LIMIT | MEASURED | UNIT | VERDICT |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. power<br>1MHz/1MHz cond. | ---         | ---         | -2.64    | dBm  | INFO    |
| Ref. frequency                | ---         | ---         | 2479.800 | MHz  | INFO    |



### READ SA SETTINGS:

|                                                      |                       |
|------------------------------------------------------|-----------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | -2.64   17.06   0     |
| Start [MHz]   Stop [MHz]                             | 24780.000   25000.000 |
| RBW [MHz]   VBW [MHz]                                | 0.100000   0.300000   |
| Detector   TraceMode                                 | POS   MAXH            |
| Sweep: time [ms]   count   points per Section   type | 200   25   1501   SWE |



TX emissions band zoomed

## RESULT

| DESCRIPTION                         | LOWER LIMIT | UPPER LIMIT | MEASURED | UNIT | VERDICT |
|-------------------------------------|-------------|-------------|----------|------|---------|
| Reference @ 2480.00 MHz             | ---         | ---         | -3.06    | dBm  | INFO    |
| No peaks detected                   | ---         | ---         |          |      | PASS    |
| Lowest margin to limit 2484.667 MHz | 0           | ---         | 28.36    | dB   | INFO    |

Verdict

PASS

- END OF DOCUMENT -