

## Measurement Results

No.1-5116/22-01-03\_Annex\_MR\_A1

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### Log file - conducted results

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## Table of Content

|                                                                                  |    |
|----------------------------------------------------------------------------------|----|
| EUT Information                                                                  | 3  |
| Common 2G4 # Peak output power 3MHz/3MHz ~ BT Classic Basic rate                 | 4  |
| FCC 15.247 # Maximum peak conducted output power FHSS ~ BT Classic Basic rate    | 8  |
| FCC 15.247 # Maximum peak conducted output power FHSS ~ BT Classic EDR Pi/4DQPSK | 12 |
| FCC 15.247 # Maximum peak conducted output power FHSS ~ BT Classic EDR 8DPSK     | 16 |
| FCC 15.247, ISED RSS247 # Bandwidth 99PCT and 20dB ~ BT Classic Basic rate       | 20 |
| FCC 15.247, ISED RSS247 # Bandwidth 99PCT and 20dB ~ BT Classic EDR Pi/4DQPSK    | 30 |
| FCC 15.247, ISED RSS247 # Bandwidth 99PCT and 20dB ~ BT Classic EDR 8DPSK        | 40 |
| FCC 15.247 # Carrier frequency separation FHSS ~ BT Classic Basic rate           | 50 |
| FCC 15.247 # Number of hopping channels FHSS ~ BT Classic Basic rate             | 53 |
| FCC 15.247 # TX spurious conducted 20dBc ~ BT Classic Basic rate                 | 58 |
| FCC 15.247 # TX spurious conducted 20dBc ~ BT Classic EDR Pi/4DQPSK              | 65 |
| FCC 15.247 # TX spurious conducted 20dBc ~ BT Classic EDR 8DPSK                  | 72 |

## EUT Information

| EUT DEFINITION       |                    |
|----------------------|--------------------|
| Manufacturer         | BURY Sp. z o.o.    |
| Type                 | Car Gate (CG3)     |
| Serial Number        | Conducted sample 3 |
| Setup Number         | 1.0                |
| Version SW           | X600               |
| Version FW           | NI                 |
| Version HW           | H04                |
| Comment 1            |                    |
| Comment 2            |                    |
| Temperature [°C] Min | -40                |
| Temperature [°C] Nom | 20                 |
| Temperature [°C] Max | 85                 |
| Voltage [V] Min      | 6                  |
| Voltage [V] Nom      | 12                 |
| Voltage [V] Max      | 16                 |

## Common 2G4 # Peak output power 3MHz/3MHz ~ BT Classic Basic rate

| Test References                   |                                                               |
|-----------------------------------|---------------------------------------------------------------|
| TC Start                          | 14.11.2022 16:24:32                                           |
| Ambit Temp [°C]   Humidity [rel%] | 26.1   34                                                     |
| System Version                    | 3.3.1.8                                                       |
| Test Specification                | Common 2G4 - none                                             |
| Test Method                       |                                                               |
| TC Version                        | 0.0.1                                                         |
| My Description                    | Peak Output Power conducted 3MHz/3MHz - BT Classic Basic Rate |
| Add. 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                                 | LOOPback                                              |
| Perform Inquiry                          | Yes                                                   |
| EUT BT Address (if Inquiry No)           | 0123456789AB                                          |
| Signaling BT Address                     | BABEBEDADBAD                                          |
| Switch Matrix & Pathcompensation enabled | Yes                                                   |

| Test Parameter                                   |                                        |
|--------------------------------------------------|----------------------------------------|
| Technology to test                               | BT Classic Basic rate                  |
| Antenna Port used                                | 1                                      |
| 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 | Yes   No                               |
| Additional Path Loss [dB]                        | 0                                      |
| Switched Path                                    | EUT - SignalingUnit - SpectrumAnalyzer |

| Test Equipment                                                    |  |
|-------------------------------------------------------------------|--|
| Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103809,3.70     |  |
| Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.62       |  |
| Switch matrix,CTCadvanced,RSM-1 NI DAQ,29655273,NI                |  |
| Power supply,Agilent Technologies,N5767A,US14J1569P,B.00.06,REV:F |  |

## Test at TX 2402 MHz

### RESULT: Reference Power cond.

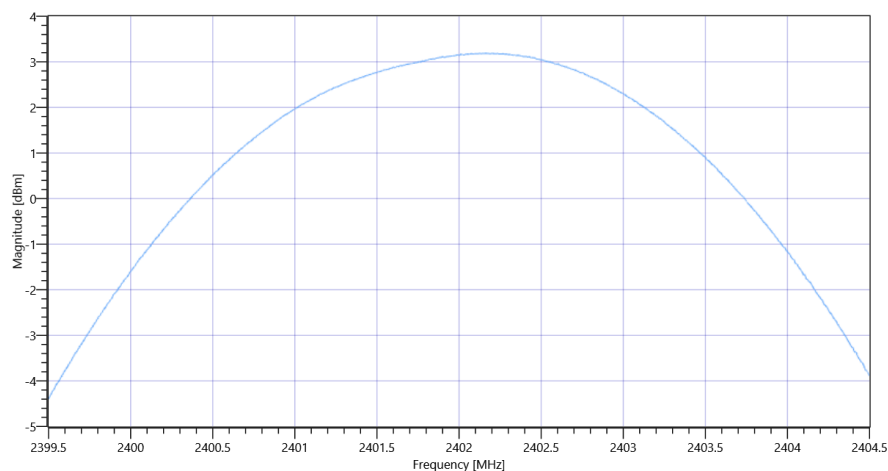
| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 3.08     | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2402.200 | MHz  | INFO    |

### READ SA SETTINGS:

|                                                      |                        |
|------------------------------------------------------|------------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 13.08   10.09   20     |
| Start [MHz]   Stop [MHz]                             | 2399.500   2404.500    |
| RBW [MHz]   VBW [MHz]                                | 3.000000   3.000000    |
| Detector   TraceMode                                 | POS   MAXH             |
| Sweep: Time [ms]   Count   Points per Section   Type | 1000   10   1001   SWE |

### RESULT

| Test Description  | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------|-------------|-------------|----------|------|---------|
| Peak Power        | ---         | ---         | 3.19     | dBm  | INFO    |
| Peak Power        | ---         | ---         | 2.084491 | mW   | INFO    |
| Frequency at Peak | ---         | ---         | 2402.2   | MHz  | INFO    |



Common 2G4 # Peak output power 3MHz-3MHz ~ BT Classic Basic rate

## Test at TX 2441 MHz

### RESULT: Reference Power cond.

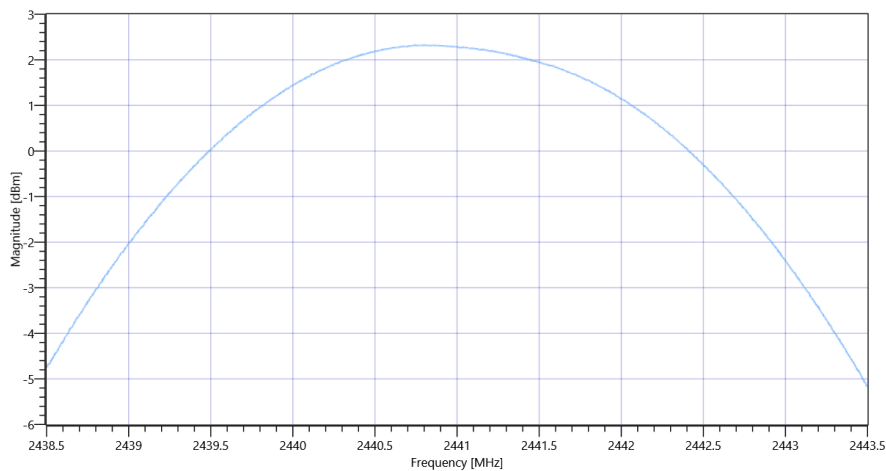
| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 2.16     | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2440.800 | MHz  | INFO    |

### READ SA SETTINGS:

|                                                      |                        |
|------------------------------------------------------|------------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 12.16   10.1   20      |
| Start [MHz]   Stop [MHz]                             | 2438.500   2443.500    |
| RBW [MHz]   VBW [MHz]                                | 3.000000   3.000000    |
| Detector   TraceMode                                 | POS   MAXH             |
| Sweep: Time [ms]   Count   Points per Section   Type | 1000   10   1001   SWE |

### RESULT

| Test Description  | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------|-------------|-------------|----------|------|---------|
| Peak Power        | ---         | ---         | 2.32     | dBm  | INFO    |
| Peak Power        | ---         | ---         | 1.706082 | mW   | INFO    |
| Frequency at Peak | ---         | ---         | 2440.74  | MHz  | INFO    |



Common 2G4 # Peak output power 3MHz-3MHz ~ BT Classic Basic rate

## Test at TX 2480 MHz

### RESULT: Reference Power cond.

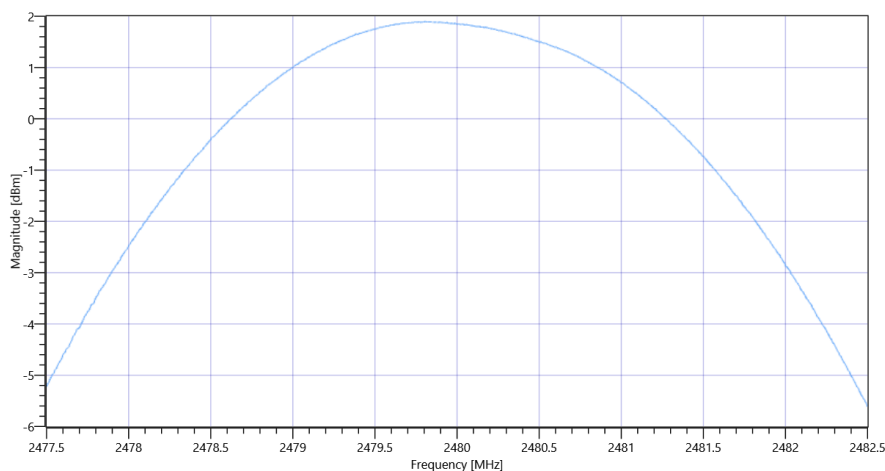
| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 1.79     | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2479.800 | MHz  | INFO    |

### READ SA SETTINGS:

|                                                      |                        |
|------------------------------------------------------|------------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 11.79   10.15   20     |
| Start [MHz]   Stop [MHz]                             | 2477.500   2482.500    |
| RBW [MHz]   VBW [MHz]                                | 3.000000   3.000000    |
| Detector   TraceMode                                 | POS   MAXH             |
| Sweep: Time [ms]   Count   Points per Section   Type | 1000   10   1001   SWE |

### RESULT

| Test Description  | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------|-------------|-------------|----------|------|---------|
| Peak Power        | ---         | ---         | 1.9      | dBm  | INFO    |
| Peak Power        | ---         | ---         | 1.548817 | mW   | INFO    |
| Frequency at Peak | ---         | ---         | 2479.805 | MHz  | INFO    |



Common 2G4 # Peak output power 3MHz-3MHz ~ BT Classic Basic rate

General verdict

PASS

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

### Test References

|                                   |                                                                             |
|-----------------------------------|-----------------------------------------------------------------------------|
| TC Start                          | 14.11.2022 17:07:57                                                         |
| Ambit Temp [°C]   Humidity [rel%] | 26.0   34                                                                   |
| System Version                    | 3.3.1.8                                                                     |
| Test Specification                | FCC 15.247 -                                                                |
| Test Method                       |                                                                             |
| TC Version                        | 0.0.1                                                                       |
| My Description                    | FCC 15.247 Maximum Peak Output Power Conducted FHSS - BT Classic Basic Rate |
| Add. 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                                 | LOOPback                                              |
| Perform Inquiry                          | No                                                    |
| EUT BT Address (if Inquiry No)           | 00167329972B                                          |
| Signaling BT Address                     | BABEBEDADB                                            |
| Switch Matrix & Pathcompensation enabled | Yes                                                   |

### Test Parameter

|                                                  |                                        |
|--------------------------------------------------|----------------------------------------|
| Technology to test                               | BT Classic Basic rate                  |
| Antenna Port used                                | 1                                      |
| 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 | Yes   No                               |
| Additional Path Loss [dB]                        | 0                                      |
| Switched Path                                    | EUT - SignalingUnit - SpectrumAnalyzer |

### Test Equipment

|                                                                  |
|------------------------------------------------------------------|
| Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103809,3.70    |
| Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.62      |
| Switch matrix,CTCadvanced,RSM-1 NI DAQ,29655273,NI               |
| Power supply,Agilent Technologies,N5767A,US14J1569PB,00.06,REV:F |

## Test at TX 2402 MHz

### RESULT: Reference Power cond.

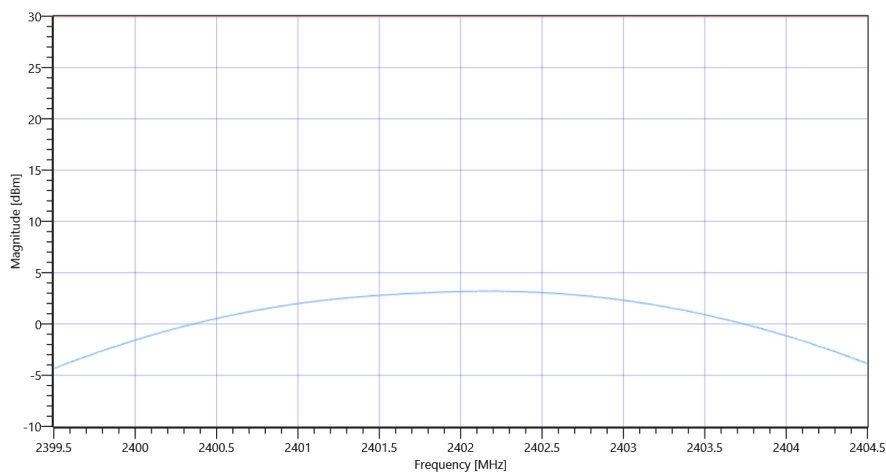
| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 3.06     | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2402.200 | MHz  | INFO    |

### READ SA SETTINGS:

|                                                      |                        |
|------------------------------------------------------|------------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 13.06   10.09   20     |
| 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

| Test Description  | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------|-------------|-------------|----------|------|---------|
| Peak Power        | ---         | 30.00       | 3.2      | dBm  | PASS    |
| Peak Power        | ---         | 1000        | 2.089296 | mW   | PASS    |
| Frequency at Peak | ---         | ---         | 2402.19  | MHz  | INFO    |



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

## Test at TX 2441 MHz

### RESULT: Reference Power cond.

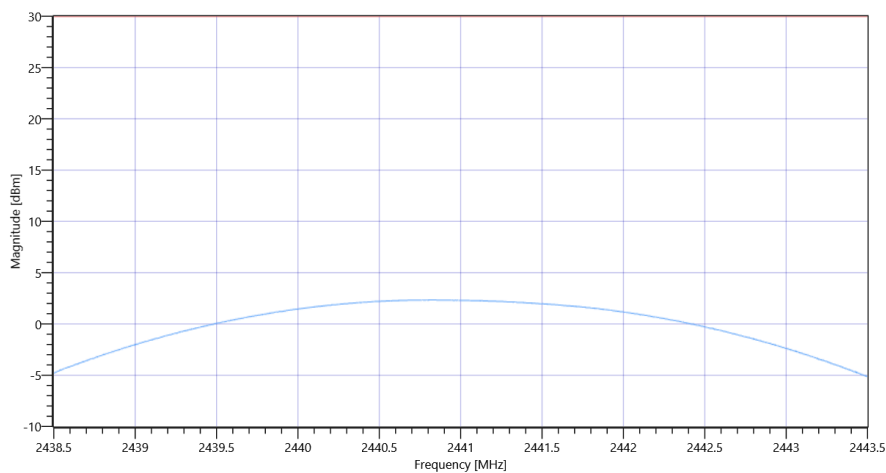
| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 2.16     | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2440.800 | MHz  | INFO    |

### READ SA SETTINGS:

|                                                      |                        |
|------------------------------------------------------|------------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 12.16   10.1   20      |
| 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

| Test Description  | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------|-------------|-------------|----------|------|---------|
| Peak Power        | ---         | 30.00       | 2.35     | dBm  | PASS    |
| Peak Power        | ---         | 1000        | 1.717908 | mW   | PASS    |
| Frequency at Peak | ---         | ---         | 2440.83  | MHz  | INFO    |



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

## Test at TX 2480 MHz

### RESULT: Reference Power cond.

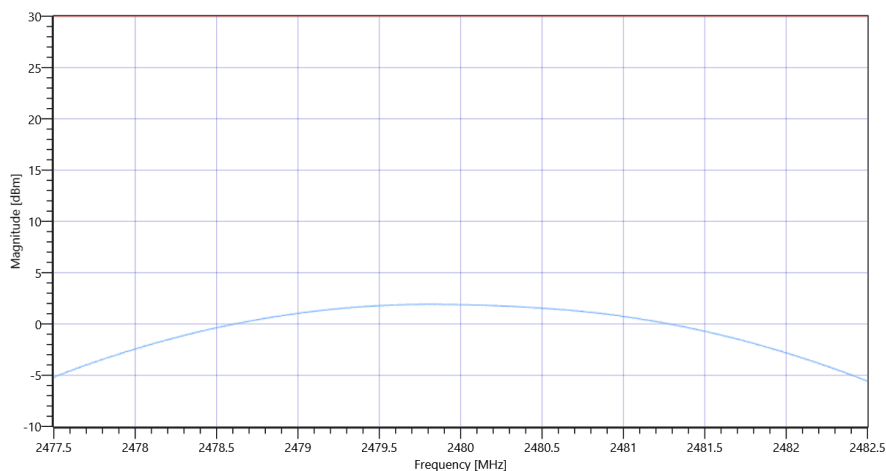
| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 1.82     | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2479.800 | MHz  | INFO    |

### READ SA SETTINGS:

|                                                      |                        |
|------------------------------------------------------|------------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 11.82   10.15   20     |
| 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

| Test Description  | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------|-------------|-------------|----------|------|---------|
| Peak Power        | ---         | 30.00       | 1.92     | dBm  | PASS    |
| Peak Power        | ---         | 1000        | 1.555966 | mW   | PASS    |
| Frequency at Peak | ---         | ---         | 2479.82  | MHz  | INFO    |



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

General verdict

PASS

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

### Test References

|                                   |                                                                                |
|-----------------------------------|--------------------------------------------------------------------------------|
| TC Start                          | 14.11.2022 17:40:24                                                            |
| Ambit Temp [°C]   Humidity [rel%] | 25.8   34                                                                      |
| System Version                    | 3.3.1.8                                                                        |
| Test Specification                | FCC 15.247 -                                                                   |
| Test Method                       |                                                                                |
| TC Version                        | 0.0.1                                                                          |
| My Description                    | FCC 15.247 Maximum Peak Output Power Conducted FHSS - BT Classic EDR Pi/4DQPSK |
| Add. 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                                 | LOOPback                                              |
| Perform Inquiry                          | No                                                    |
| EUT BT Address (if Inquiry No)           | 00167329972B                                          |
| Signaling BT Address                     | BABEBEDADB                                            |
| Switch Matrix & Pathcompensation enabled | Yes                                                   |

### Test Parameter

|                                                  |                                        |
|--------------------------------------------------|----------------------------------------|
| Technology to test                               | BT Classic EDR Pi/4DQPSK               |
| Antenna Port used                                | 1                                      |
| 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 | Yes   No                               |
| Additional Path Loss [dB]                        | 0                                      |
| Switched Path                                    | EUT - SignalingUnit - SpectrumAnalyzer |

### Test Equipment

|                                                                  |
|------------------------------------------------------------------|
| Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103809,3.70    |
| Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.62      |
| Switch matrix,CTCadvanced,RSM-1 NI DAQ,29655273,NI               |
| Power supply,Agilent Technologies,N5767A,US14J1569PB,00.06,REV:F |

## Test at TX 2402 MHz

### RESULT: Reference Power cond.

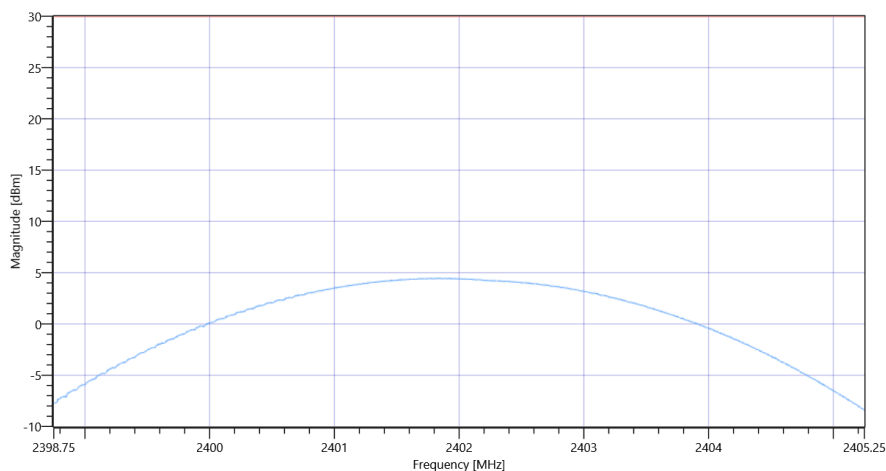
| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 3.28     | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2401.900 | MHz  | INFO    |

### READ SA SETTINGS:

|                                                      |                        |
|------------------------------------------------------|------------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 13.28   10.09   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

| Test Description  | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------|-------------|-------------|----------|------|---------|
| Peak Power        | ---         | 30.00       | 4.45     | dBm  | PASS    |
| Peak Power        | ---         | 1000        | 2.786121 | mW   | PASS    |
| Frequency at Peak | ---         | ---         | 2401.851 | MHz  | INFO    |



FCC 15.247 # Maximum peak conducted output power FHSS ~ BT Classic EDR Pi-4QPSK

## Test at TX 2441 MHz

### RESULT: Reference Power cond.

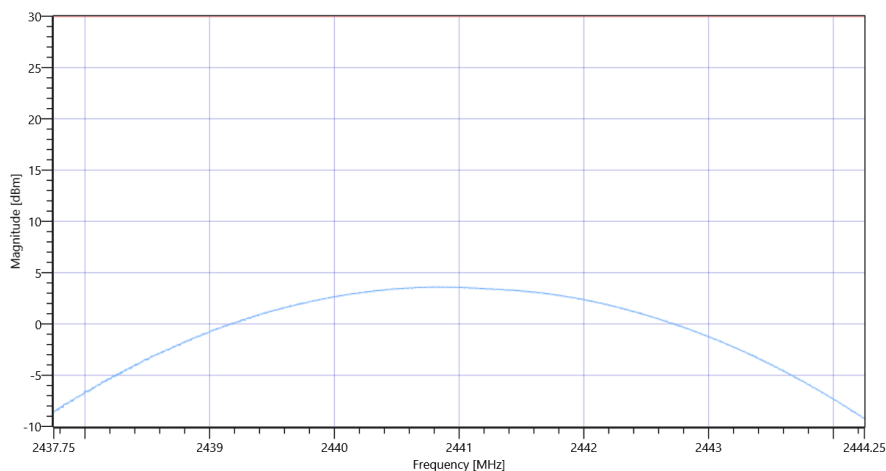
| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 2.28     | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2440.800 | MHz  | INFO    |

### READ SA SETTINGS:

|                                                      |                        |
|------------------------------------------------------|------------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 12.28   10.1   20      |
| 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

| Test Description  | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------|-------------|-------------|----------|------|---------|
| Peak Power        | ---         | 30.00       | 3.6      | dBm  | PASS    |
| Peak Power        | ---         | 1000        | 2.290868 | mW   | PASS    |
| Frequency at Peak | ---         | ---         | 2440.805 | MHz  | INFO    |



FCC 15.247 # Maximum peak conducted output power FHSS ~ BT Classic EDR Pi-4QPSK

## Test at TX 2480 MHz

### RESULT: Reference Power cond.

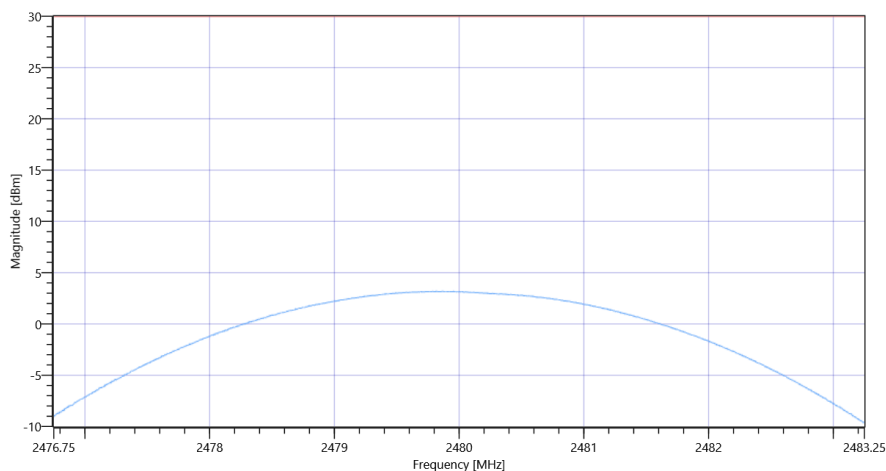
| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 1.91     | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2479.900 | MHz  | INFO    |

### READ SA SETTINGS:

|                                                      |                        |
|------------------------------------------------------|------------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 11.91   10.15   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

| Test Description  | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------|-------------|-------------|----------|------|---------|
| Peak Power        | ---         | 30.00       | 3.19     | dBm  | PASS    |
| Peak Power        | ---         | 1000        | 2.084491 | mW   | PASS    |
| Frequency at Peak | ---         | ---         | 2479.864 | MHz  | INFO    |



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

General verdict

PASS

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

### Test References

|                                   |                                                                            |
|-----------------------------------|----------------------------------------------------------------------------|
| TC Start                          | 14.11.2022 18:07:44                                                        |
| Ambit Temp [°C]   Humidity [rel%] | 26.3   33                                                                  |
| System Version                    | 3.3.1.8                                                                    |
| Test Specification                | FCC 15.247 -                                                               |
| Test Method                       |                                                                            |
| TC Version                        | 0.0.1                                                                      |
| My Description                    | FCC 15.247 Maximum Peak Output Power Conducted FHSS - BT Classic EDR 8DPSK |
| Add. 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                                 | LOOPback                                              |
| Perform Inquiry                          | No                                                    |
| EUT BT Address (if Inquiry No)           | 00167329972B                                          |
| Signaling BT Address                     | BABEBEDADB                                            |
| Switch Matrix & Pathcompensation enabled | Yes                                                   |

### Test Parameter

|                                                  |                                        |
|--------------------------------------------------|----------------------------------------|
| Technology to test                               | BT Classic EDR 8DPSK                   |
| Antenna Port used                                | 1                                      |
| 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 | Yes   No                               |
| Additional Path Loss [dB]                        | 0                                      |
| Switched Path                                    | EUT - SignalingUnit - SpectrumAnalyzer |

### Test Equipment

|                                                                  |
|------------------------------------------------------------------|
| Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103809,3.70    |
| Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.62      |
| Switch matrix,CTCadvanced,RSM-1 NI DAQ,29655273,NI               |
| Power supply,Agilent Technologies,N5767A,US14J1569PB,00.06,REV:F |

## Test at TX 2402 MHz

### RESULT: Reference Power cond.

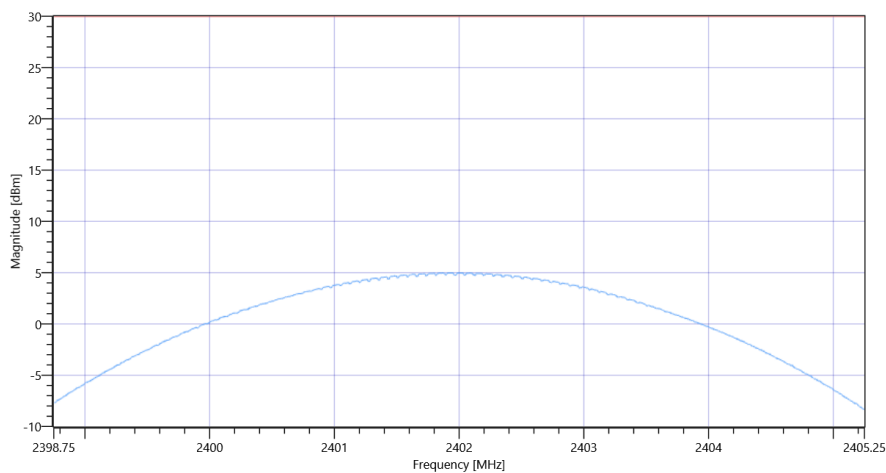
| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 3.44     | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2402.000 | MHz  | INFO    |

### READ SA SETTINGS:

|                                                      |                        |
|------------------------------------------------------|------------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 13.44   10.09   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

| Test Description  | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------|-------------|-------------|----------|------|---------|
| Peak Power        | ---         | 30.00       | 4.97     | dBm  | PASS    |
| Peak Power        | ---         | 1000        | 3.140509 | mW   | PASS    |
| Frequency at Peak | ---         | ---         | 2401.994 | MHz  | INFO    |



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

## Test at TX 2441 MHz

### RESULT: Reference Power cond.

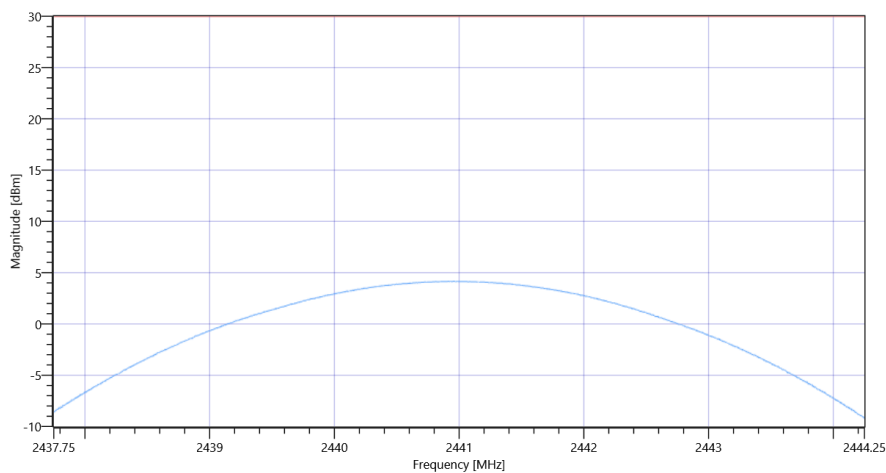
| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 2.07     | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2440.900 | MHz  | INFO    |

### READ SA SETTINGS:

|                                                      |                        |
|------------------------------------------------------|------------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 12.07   10.1   20      |
| 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

| Test Description  | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------|-------------|-------------|----------|------|---------|
| Peak Power        | ---         | 30.00       | 4.15     | dBm  | PASS    |
| Peak Power        | ---         | 1000        | 2.60016  | mW   | PASS    |
| Frequency at Peak | ---         | ---         | 2440.929 | MHz  | INFO    |



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

## Test at TX 2480 MHz

### RESULT: Reference Power cond.

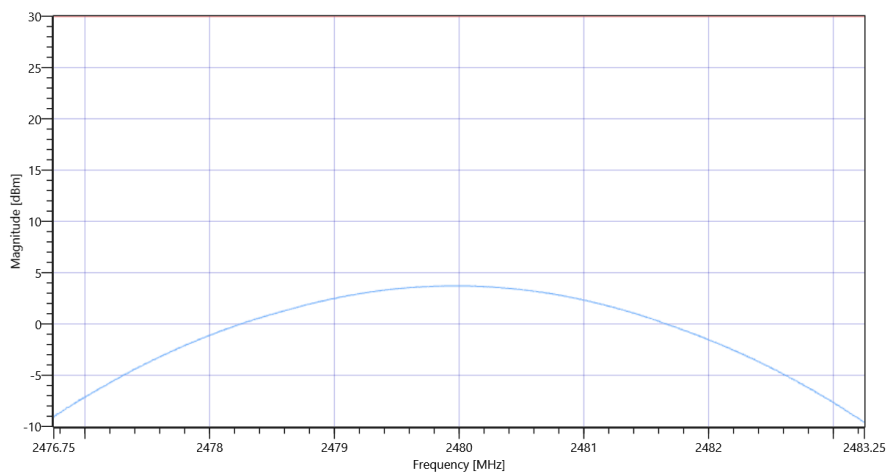
| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 2.22     | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2480.000 | MHz  | INFO    |

### READ SA SETTINGS:

|                                                      |                        |
|------------------------------------------------------|------------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 12.22   10.15   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

| Test Description  | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------|-------------|-------------|----------|------|---------|
| Peak Power        | ---         | 30.00       | 3.71     | dBm  | PASS    |
| Peak Power        | ---         | 1000        | 2.349633 | mW   | PASS    |
| Frequency at Peak | ---         | ---         | 2479.994 | MHz  | INFO    |



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

General verdict

PASS

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

| Test References                   |                                                                |
|-----------------------------------|----------------------------------------------------------------|
| TC Start                          | 14.11.2022 17:14:43                                            |
| Ambit Temp [°C]   Humidity [rel%] | 26.0   34                                                      |
| System Version                    | 3.3.1.8                                                        |
| Test Specification                | FCC 15.247, ISED RSS247 -                                      |
| Test Method                       |                                                                |
| TC Version                        | 0.0.2                                                          |
| My Description                    | FCC 15.247 Bandwidth 99PCT - 20dB FHSS - BT Classic Basic Rate |
| Add. 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                                 | LOOPback                                              |
| Perform Inquiry                          | No                                                    |
| EUT BT Address (if Inquiry No)           | 00167329972B                                          |
| Signaling BT Address                     | BABEBEDADBAD                                          |
| Switch Matrix & Pathcompensation enabled | Yes                                                   |

| Test Parameter                                   |                                        |
|--------------------------------------------------|----------------------------------------|
| Technology to test                               | BT Classic Basic rate                  |
| Antenna Port used                                | 1                                      |
| 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 | Yes   No                               |
| Additional Path Loss [dB]                        | 0                                      |
| Switched Path                                    | EUT - SignalingUnit - SpectrumAnalyzer |

| Test Equipment                                                    |  |
|-------------------------------------------------------------------|--|
| Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103809,3.70     |  |
| Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.62       |  |
| Switch matrix,CTCadvanced,RSM-1 NI DAQ,29655273,NI                |  |
| Power supply,Agilent Technologies,N5767A,US14J1569P,B.00.06,REV:F |  |

## Test at TX 2402 MHz

### RESULT: Reference Power cond.

| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 3.12     | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2402.100 | MHz  | INFO    |

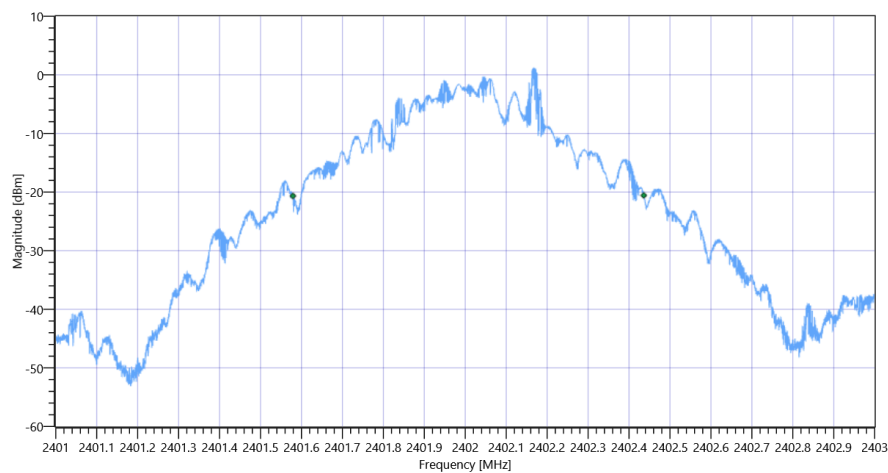
### READ SA SETTINGS:

|                                                      |                        |
|------------------------------------------------------|------------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 8.12   10.09   15      |
| 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 |

### RESULT

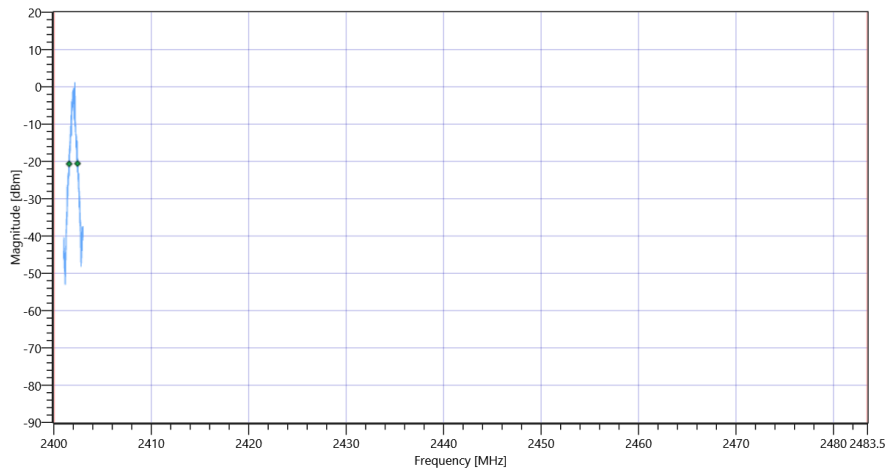
| Test Description | Lower Limit | Upper Limit | Measured  | Unit | Verdict |
|------------------|-------------|-------------|-----------|------|---------|
| Bandwidth 99%    | ---         | ---         | 857.000   | kHz  | INFO    |
| T1 99%           | 2400.000000 | ---         | 2401.5792 | MHz  | PASS    |
| T2 99%           | ---         | 2483.500000 | 2402.4360 | MHz  | PASS    |

### Plot: Bandwidth only



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

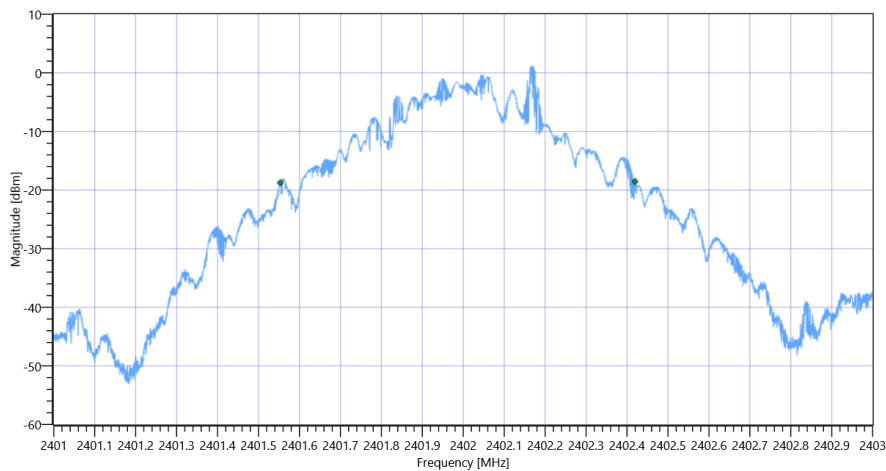
### Plot: Bandwidth within Band



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

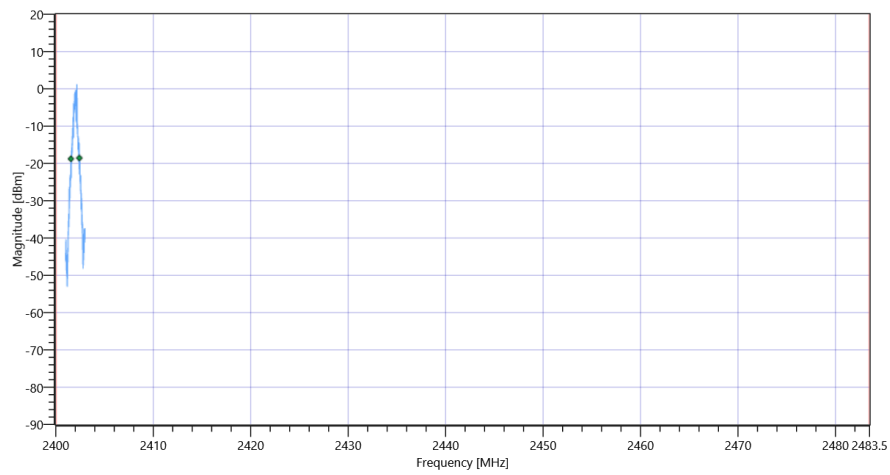
| RESULT           |             |             |           |      |         |
|------------------|-------------|-------------|-----------|------|---------|
| Test Description | Lower Limit | Upper Limit | Measured  | Unit | Verdict |
| Bandwidth 20dB   | ---         | ---         | 866       | kHz  | INFO    |
| T1 20dB          | 2400.000000 | ---         | 2401.5532 | MHz  | PASS    |
| T2 20dB          | ---         | 2483.500000 | 2402.4196 | MHz  | PASS    |

Plot: Bandwidth only



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

Plot: Bandwidth within Band



## Test at TX 2441 MHz

### RESULT: Reference Power cond.

| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 2.22     | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2440.800 | MHz  | INFO    |

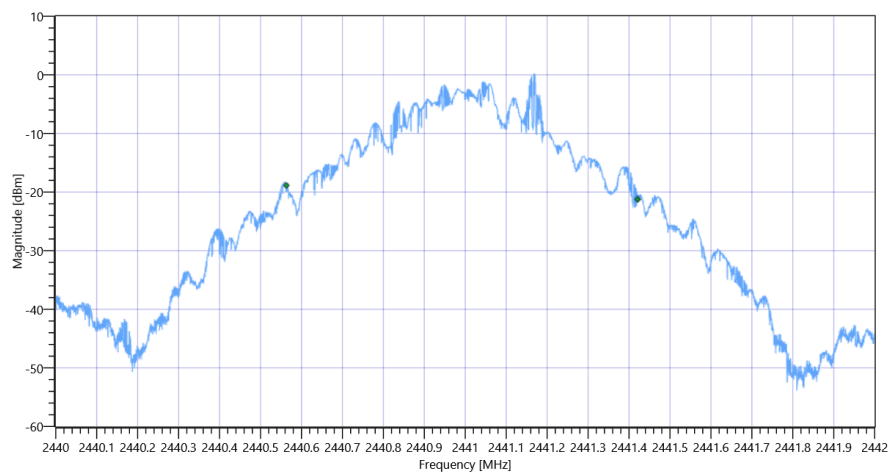
### READ SA SETTINGS:

|                                                      |                        |
|------------------------------------------------------|------------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 7.22   10.1   15       |
| 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 |

### RESULT

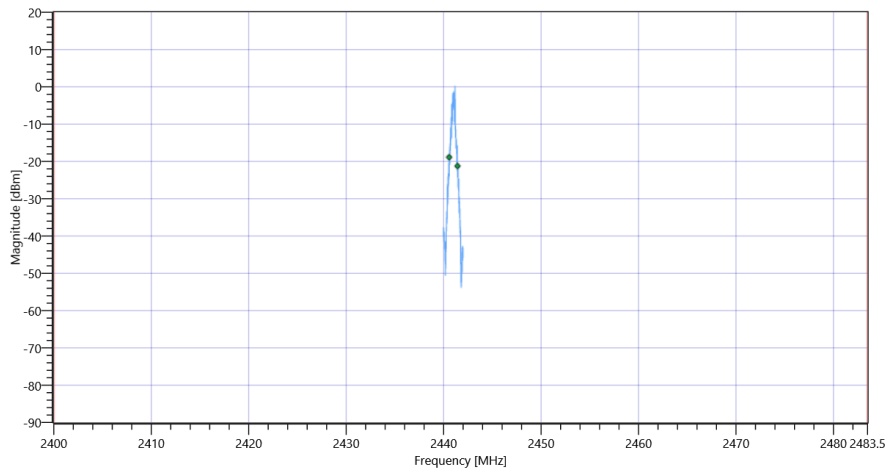
| Test Description | Lower Limit | Upper Limit | Measured  | Unit | Verdict |
|------------------|-------------|-------------|-----------|------|---------|
| Bandwidth 99%    | ---         | ---         | 858.000   | kHz  | INFO    |
| T1 99%           | 2400.000000 | ---         | 2440.5630 | MHz  | PASS    |
| T2 99%           | ---         | 2483.500000 | 2441.4210 | MHz  | PASS    |

## Plot: Bandwidth only



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

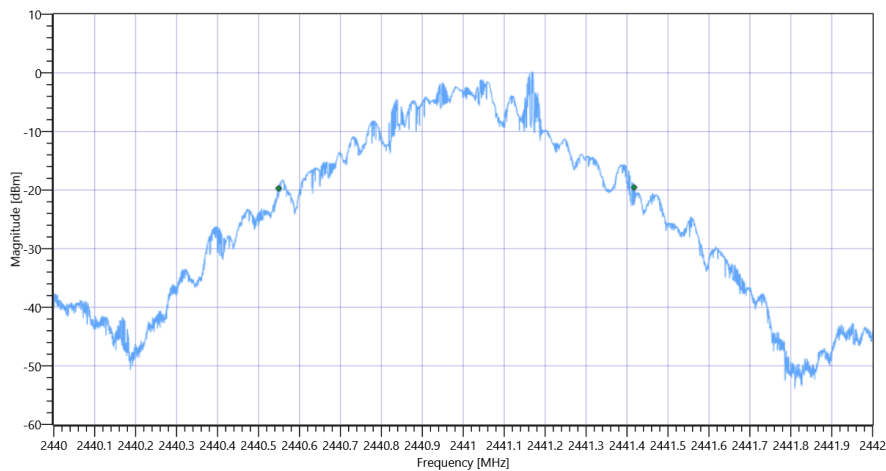
## Plot: Bandwidth within Band



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

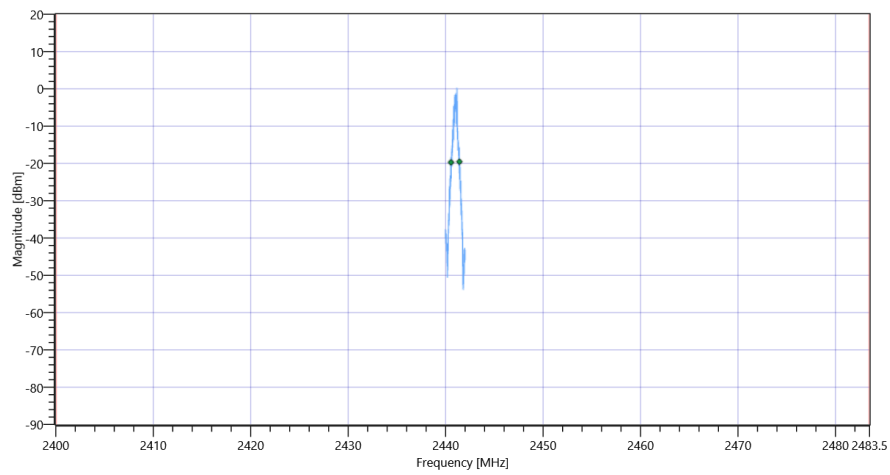
| RESULT           |             |             |           |      |         |
|------------------|-------------|-------------|-----------|------|---------|
| Test Description | Lower Limit | Upper Limit | Measured  | Unit | Verdict |
| Bandwidth 20dB   | ---         | ---         | 868       | kHz  | INFO    |
| T1 20dB          | 2400.000000 | ---         | 2440.5490 | MHz  | PASS    |
| T2 20dB          | ---         | 2483.500000 | 2441.4172 | MHz  | PASS    |

Plot: Bandwidth only



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

Plot: Bandwidth within Band



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

## Test at TX 2480 MHz

### RESULT: Reference Power cond.

| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 1.77     | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2479.900 | MHz  | INFO    |

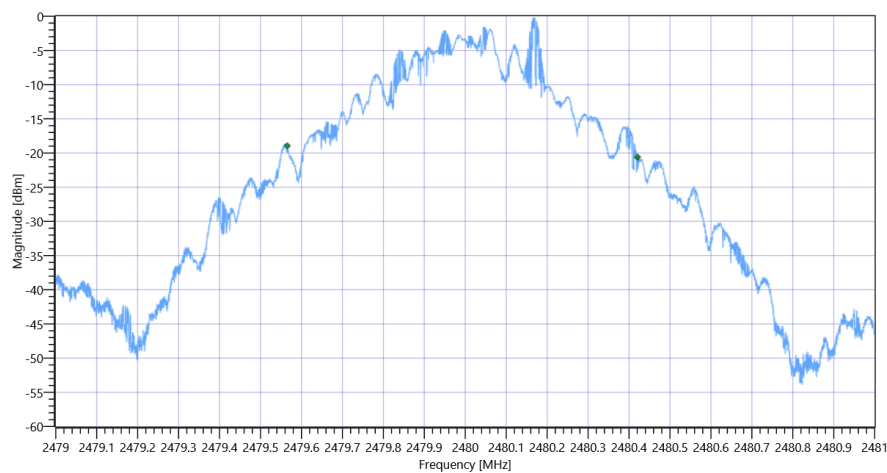
### READ SA SETTINGS:

|                                                      |                        |
|------------------------------------------------------|------------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 6.77   10.15   15      |
| 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 |

### RESULT

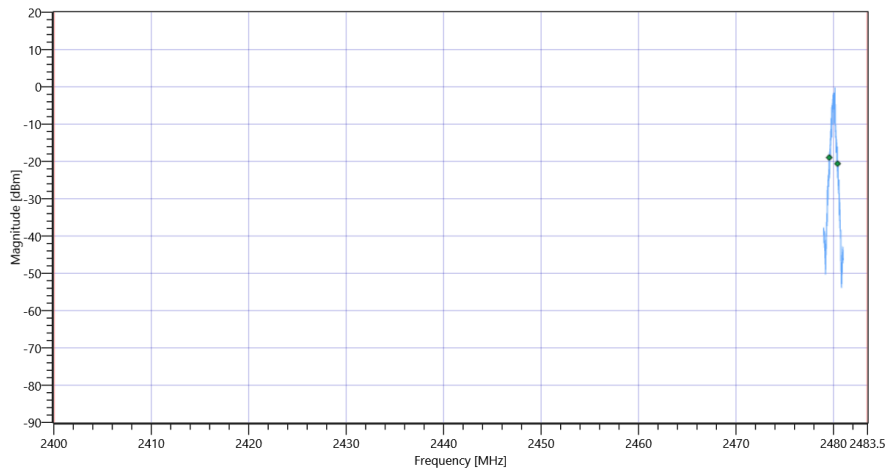
| Test Description | Lower Limit | Upper Limit | Measured  | Unit | Verdict |
|------------------|-------------|-------------|-----------|------|---------|
| Bandwidth 99%    | ---         | ---         | 855.000   | kHz  | INFO    |
| T1 99%           | 2400.000000 | ---         | 2479.5652 | MHz  | PASS    |
| T2 99%           | ---         | 2483.500000 | 2480.4206 | MHz  | PASS    |

### Plot: Bandwidth only



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

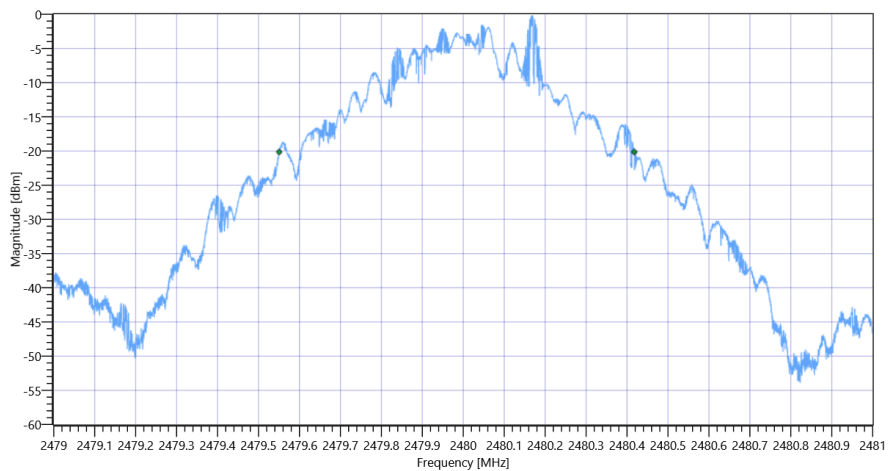
### Plot: Bandwidth within Band



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

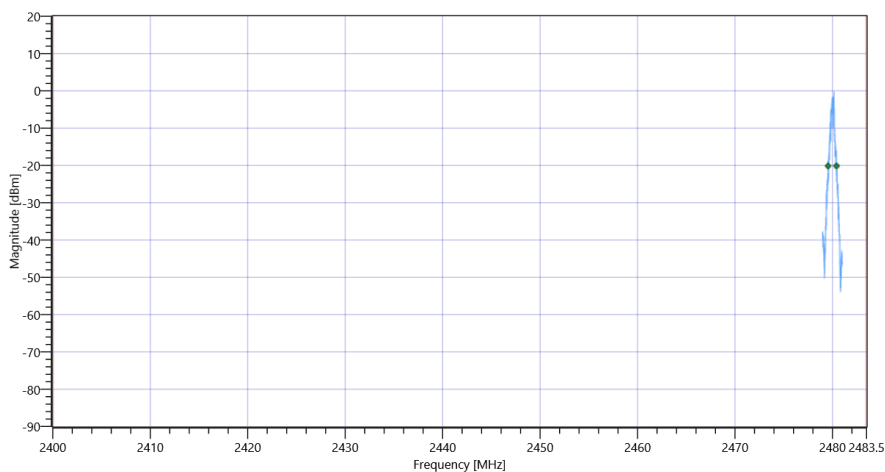
| RESULT           |             |             |           |      |         |
|------------------|-------------|-------------|-----------|------|---------|
| Test Description | Lower Limit | Upper Limit | Measured  | Unit | Verdict |
| Bandwidth 20dB   | ---         | ---         | 867       | kHz  | INFO    |
| T1 20dB          | 2400.000000 | ---         | 2479.5504 | MHz  | PASS    |
| T2 20dB          | ---         | 2483.500000 | 2480.4178 | MHz  | PASS    |

Plot: Bandwidth only



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

Plot: Bandwidth within Band



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

General verdict

PASS

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

### Test References

|                                   |                                                                   |
|-----------------------------------|-------------------------------------------------------------------|
| TC Start                          | 14.11.2022 17:42:07                                               |
| Ambit Temp [°C]   Humidity [rel%] | 25.8   34                                                         |
| System Version                    | 3.3.1.8                                                           |
| Test Specification                | FCC 15.247, ISED RSS247 -                                         |
| Test Method                       |                                                                   |
| TC Version                        | 0.0.2                                                             |
| My Description                    | FCC 15.247 Bandwidth 99PCT - 20dB FHSS - BT Classic EDR Pi/4DQPSK |
| Add. 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                                 | LOOPback                                              |
| Perform Inquiry                          | No                                                    |
| EUT BT Address (if Inquiry No)           | 00167329972B                                          |
| Signaling BT Address                     | BABEBEDADBAD                                          |
| Switch Matrix & Pathcompensation enabled | Yes                                                   |

### Test Parameter

|                                                  |                                        |
|--------------------------------------------------|----------------------------------------|
| Technology to test                               | BT Classic EDR Pi/4DQPSK               |
| Antenna Port used                                | 1                                      |
| 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 | Yes   No                               |
| Additional Path Loss [dB]                        | 0                                      |
| Switched Path                                    | EUT - SignalingUnit - SpectrumAnalyzer |

### Test Equipment

|                                                                  |
|------------------------------------------------------------------|
| Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103809,3.70    |
| Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.62      |
| Switch matrix,CTCadvanced,RSM-1 NI DAQ,29655273,NI               |
| Power supply,Agilent Technologies,N5767A,US14J1569PB,00.06,REV:F |

## Test at TX 2402 MHz

### RESULT: Reference Power cond.

| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 3.24     | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2401.900 | MHz  | INFO    |

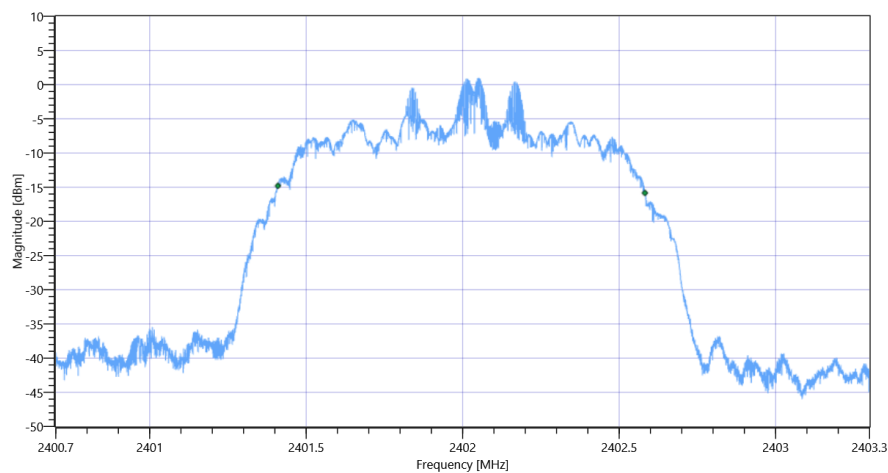
### READ SA SETTINGS:

|                                                      |                        |
|------------------------------------------------------|------------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 8.24   10.09   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 |

### RESULT

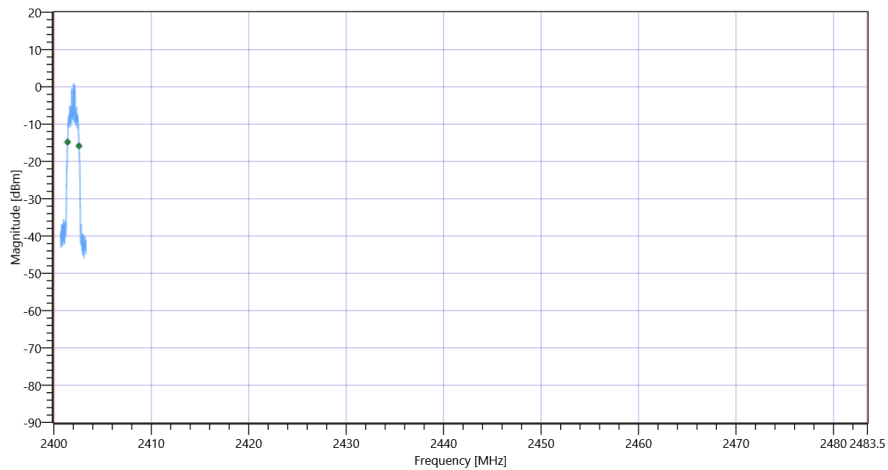
| Test Description | Lower Limit | Upper Limit | Measured  | Unit | Verdict |
|------------------|-------------|-------------|-----------|------|---------|
| Bandwidth 99%    | ---         | ---         | 1172.000  | kHz  | INFO    |
| T1 99%           | 2400.000000 | ---         | 2401.4096 | MHz  | PASS    |
| T2 99%           | ---         | 2483.500000 | 2402.5821 | MHz  | PASS    |

### Plot: Bandwidth only



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

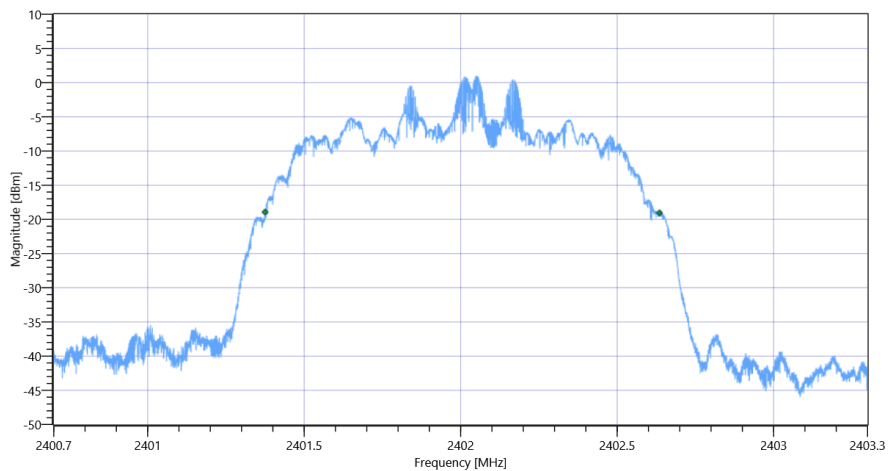
### Plot: Bandwidth within Band



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

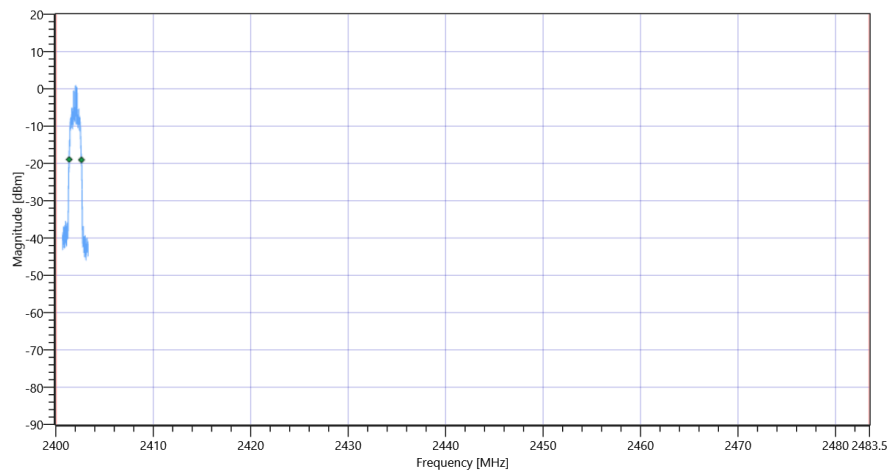
| RESULT           |             |             |           |      |         |
|------------------|-------------|-------------|-----------|------|---------|
| Test Description | Lower Limit | Upper Limit | Measured  | Unit | Verdict |
| Bandwidth 20dB   | ---         | ---         | 1260      | kHz  | INFO    |
| T1 20dB          | 2400.000000 | ---         | 2401.3747 | MHz  | PASS    |
| T2 20dB          | ---         | 2483.500000 | 2402.6352 | MHz  | PASS    |

Plot: Bandwidth only



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

Plot: Bandwidth within Band



## Test at TX 2441 MHz

### RESULT: Reference Power cond.

| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 2.29     | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2441.100 | MHz  | INFO    |

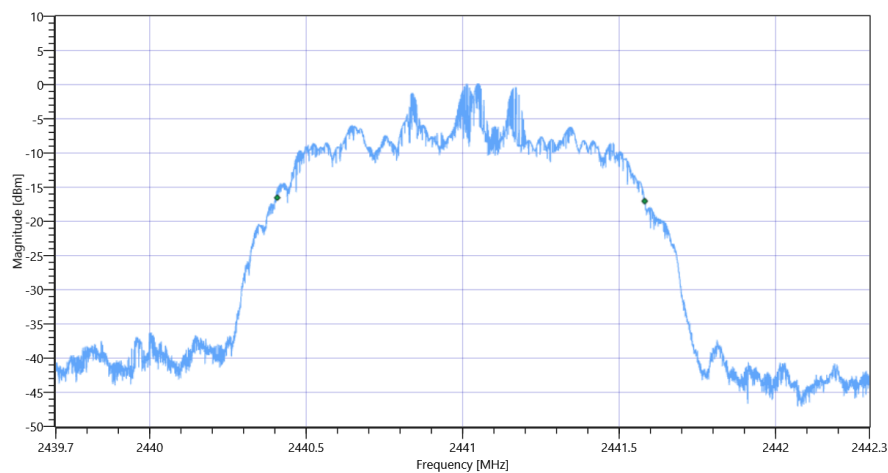
### READ SA SETTINGS:

|                                                      |                        |
|------------------------------------------------------|------------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 7.29   10.1   15       |
| 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 |

### RESULT

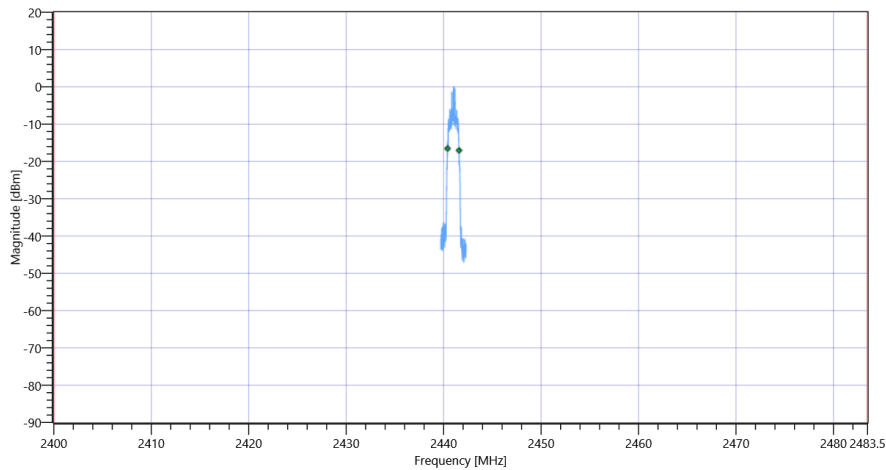
| Test Description | Lower Limit | Upper Limit | Measured  | Unit | Verdict |
|------------------|-------------|-------------|-----------|------|---------|
| Bandwidth 99%    | ---         | ---         | 1174.000  | kHz  | INFO    |
| T1 99%           | 2400.000000 | ---         | 2440.4075 | MHz  | PASS    |
| T2 99%           | ---         | 2483.500000 | 2441.5816 | MHz  | PASS    |

### Plot: Bandwidth only



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

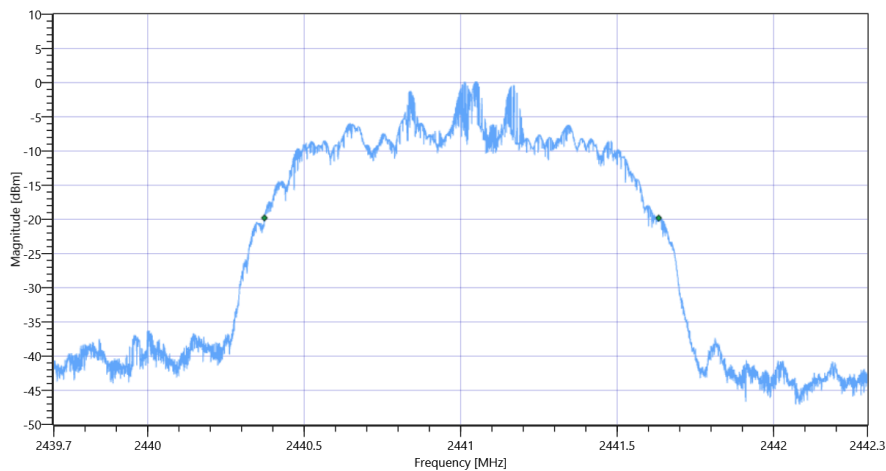
### Plot: Bandwidth within Band



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

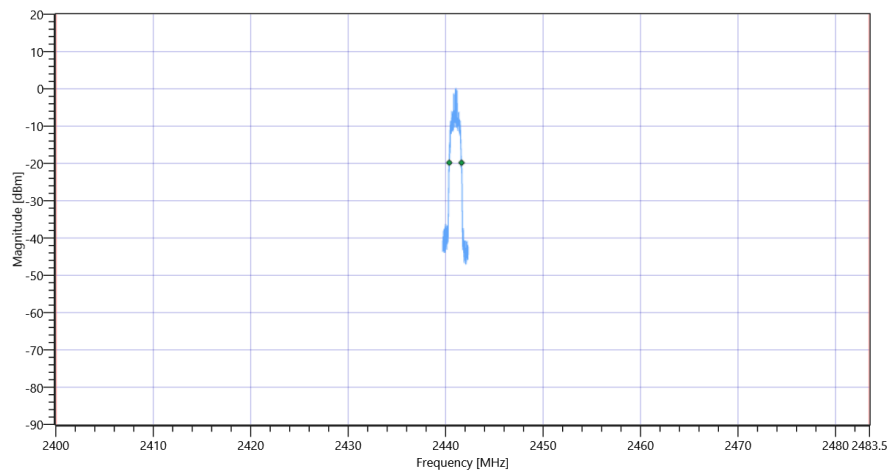
| RESULT           |             |             |           |      |         |
|------------------|-------------|-------------|-----------|------|---------|
| Test Description | Lower Limit | Upper Limit | Measured  | Unit | Verdict |
| Bandwidth 20dB   | ---         | ---         | 1260      | kHz  | INFO    |
| T1 20dB          | 2400.000000 | ---         | 2440.3729 | MHz  | PASS    |
| T2 20dB          | ---         | 2483.500000 | 2441.6328 | MHz  | PASS    |

Plot: Bandwidth only



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

Plot: Bandwidth within Band



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

## Test at TX 2480 MHz

### RESULT: Reference Power cond.

| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 1.93     | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2479.800 | MHz  | INFO    |

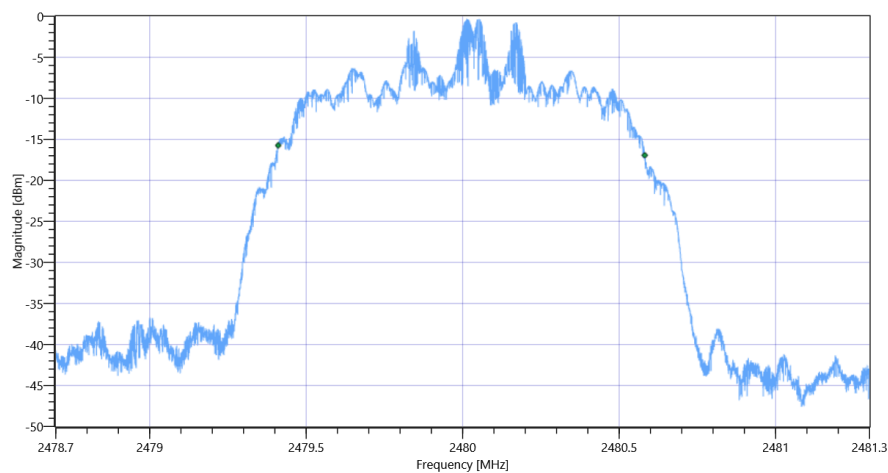
### READ SA SETTINGS:

|                                                      |                        |
|------------------------------------------------------|------------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 6.93   10.15   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 |

### RESULT

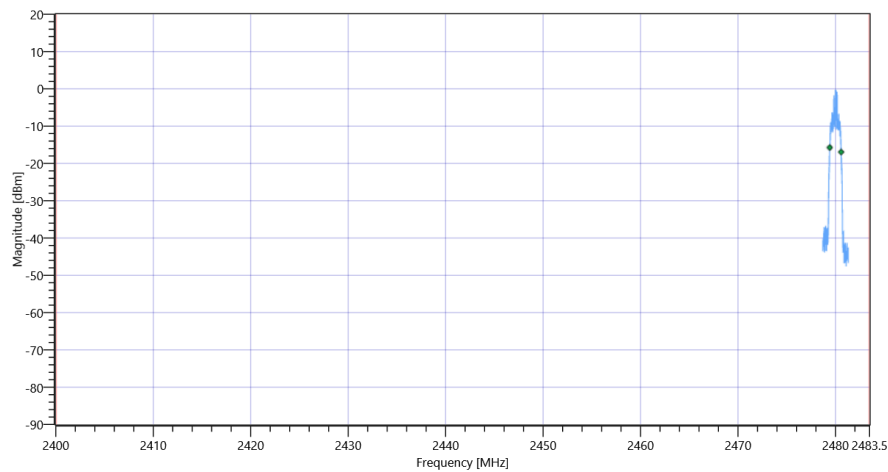
| Test Description | Lower Limit | Upper Limit | Measured  | Unit | Verdict |
|------------------|-------------|-------------|-----------|------|---------|
| Bandwidth 99%    | ---         | ---         | 1171.000  | kHz  | INFO    |
| T1 99%           | 2400.000000 | ---         | 2479.4106 | MHz  | PASS    |
| T2 99%           | ---         | 2483.500000 | 2480.5818 | MHz  | PASS    |

### Plot: Bandwidth only



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

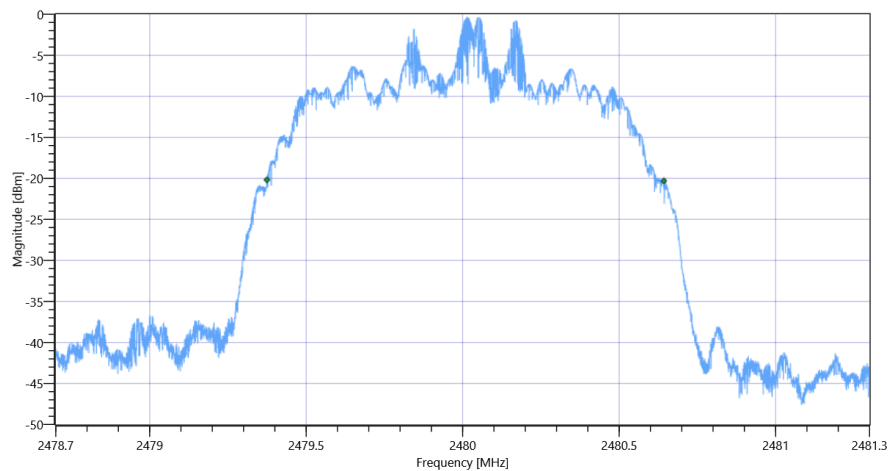
### Plot: Bandwidth within Band



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

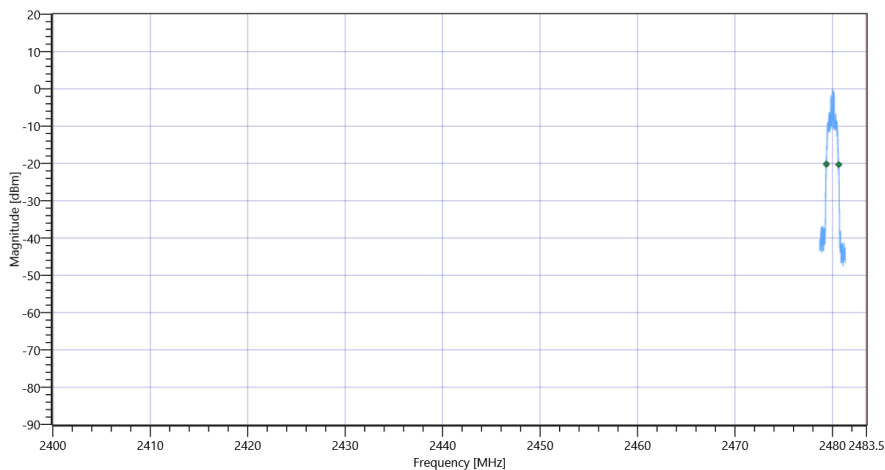
| RESULT           |             |             |           |      |         |
|------------------|-------------|-------------|-----------|------|---------|
| Test Description | Lower Limit | Upper Limit | Measured  | Unit | Verdict |
| Bandwidth 20dB   | ---         | ---         | 1268      | kHz  | INFO    |
| T1 20dB          | 2400.000000 | ---         | 2479.3744 | MHz  | PASS    |
| T2 20dB          | ---         | 2483.500000 | 2480.6427 | MHz  | PASS    |

Plot: Bandwidth only



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

Plot: Bandwidth within Band



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

General verdict

PASS

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

### Test References

|                                   |                                                               |
|-----------------------------------|---------------------------------------------------------------|
| TC Start                          | 14.11.2022 18:09:27                                           |
| Ambit Temp [°C]   Humidity [rel%] | 26.3   33                                                     |
| System Version                    | 3.3.1.8                                                       |
| Test Specification                | FCC 15.247, ISED RSS247 -                                     |
| Test Method                       |                                                               |
| TC Version                        | 0.0.2                                                         |
| My Description                    | FCC 15.247 Bandwidth 99PCT - 20dB FHSS - BT Classic EDR 8DPSK |
| Add. 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                                 | LOOPback                                              |
| Perform Inquiry                          | No                                                    |
| EUT BT Address (if Inquiry No)           | 00167329972B                                          |
| Signaling BT Address                     | BABEBEDADB                                            |
| Switch Matrix & Pathcompensation enabled | Yes                                                   |

### Test Parameter

|                                                  |                                        |
|--------------------------------------------------|----------------------------------------|
| Technology to test                               | BT Classic EDR 8DPSK                   |
| Antenna Port used                                | 1                                      |
| 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 | Yes   No                               |
| Additional Path Loss [dB]                        | 0                                      |
| Switched Path                                    | EUT - SignalingUnit - SpectrumAnalyzer |

### Test Equipment

|                                                                  |
|------------------------------------------------------------------|
| Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103809,3.70    |
| Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.62      |
| Switch matrix,CTCadvanced,RSM-1 NI DAQ,29655273,NI               |
| Power supply,Agilent Technologies,N5767A,US14J1569PB,00.06,REV:F |

## Test at TX 2402 MHz

### RESULT: Reference Power cond.

| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 3.51     | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2402.100 | MHz  | INFO    |

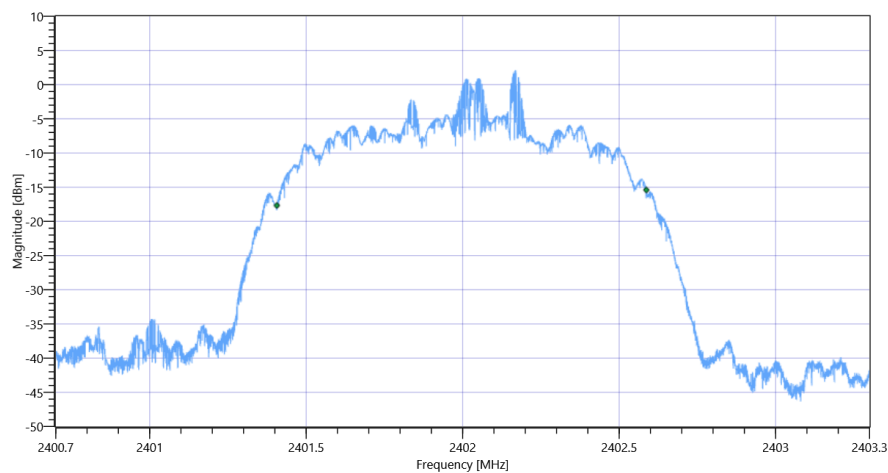
### READ SA SETTINGS:

|                                                      |                        |
|------------------------------------------------------|------------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 8.51   10.09   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 |

### RESULT

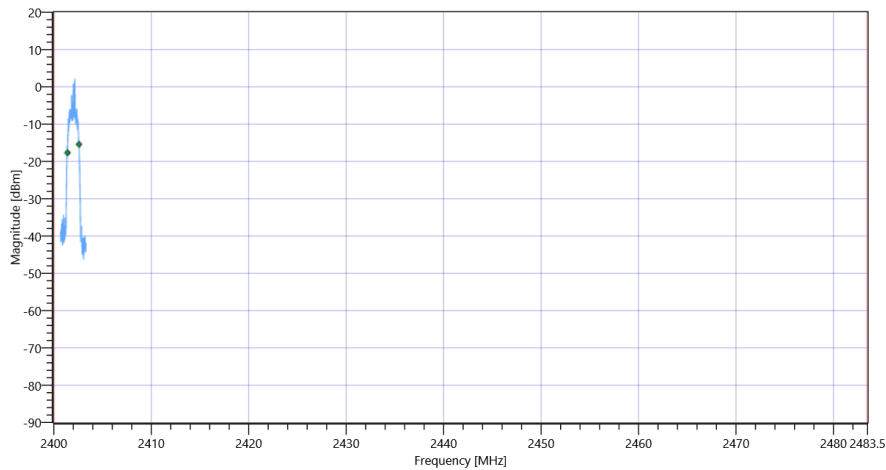
| Test Description | Lower Limit | Upper Limit | Measured  | Unit | Verdict |
|------------------|-------------|-------------|-----------|------|---------|
| Bandwidth 99%    | ---         | ---         | 1181.000  | kHz  | INFO    |
| T1 99%           | 2400.000000 | ---         | 2401.4062 | MHz  | PASS    |
| T2 99%           | ---         | 2483.500000 | 2402.5868 | MHz  | PASS    |

### Plot: Bandwidth only



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

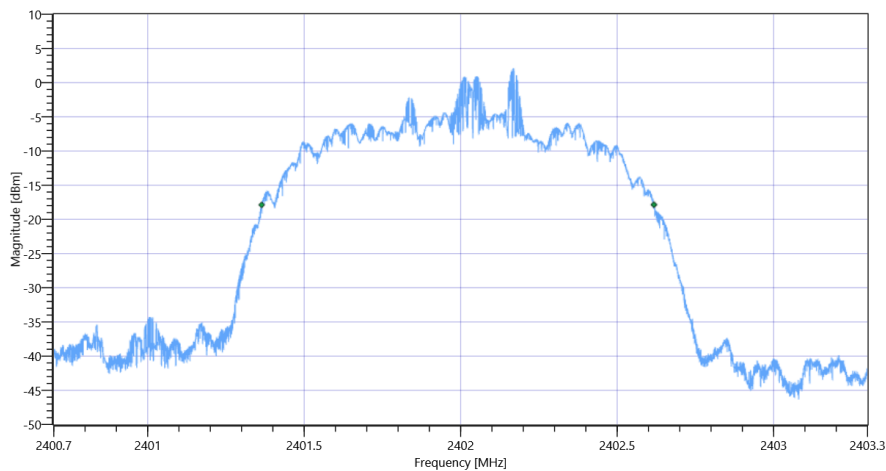
### Plot: Bandwidth within Band



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

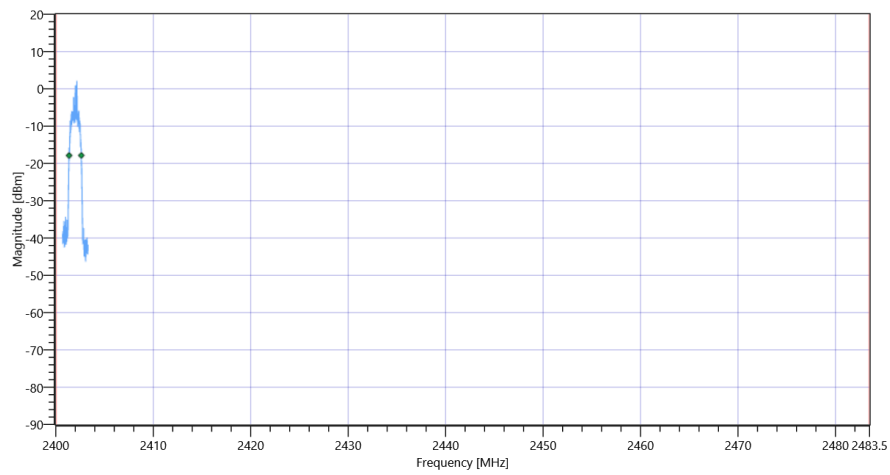
| RESULT           |             |             |           |      |         |
|------------------|-------------|-------------|-----------|------|---------|
| Test Description | Lower Limit | Upper Limit | Measured  | Unit | Verdict |
| Bandwidth 20dB   | ---         | ---         | 1253      | kHz  | INFO    |
| T1 20dB          | 2400.000000 | ---         | 2401.3640 | MHz  | PASS    |
| T2 20dB          | ---         | 2483.500000 | 2402.6175 | MHz  | PASS    |

Plot: Bandwidth only



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

Plot: Bandwidth within Band



## Test at TX 2441 MHz

### RESULT: Reference Power cond.

| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 2.56     | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2441.000 | MHz  | INFO    |

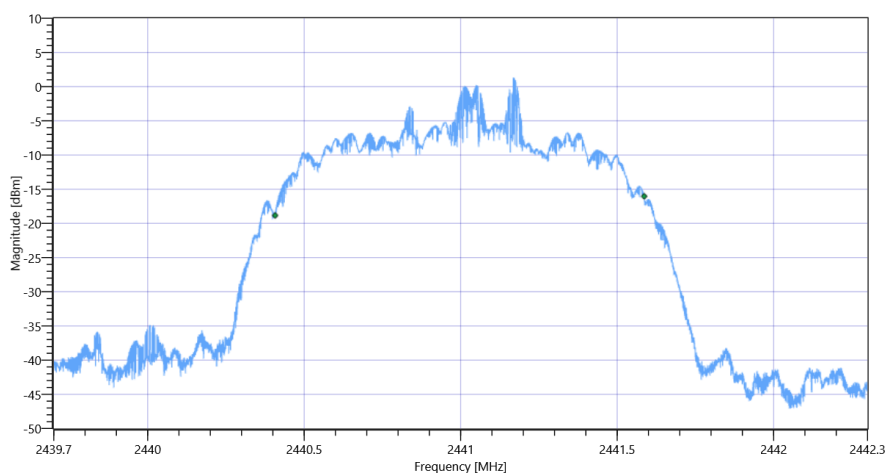
### READ SA SETTINGS:

|                                                      |                        |
|------------------------------------------------------|------------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 7.56   10.1   15       |
| 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 |

### RESULT

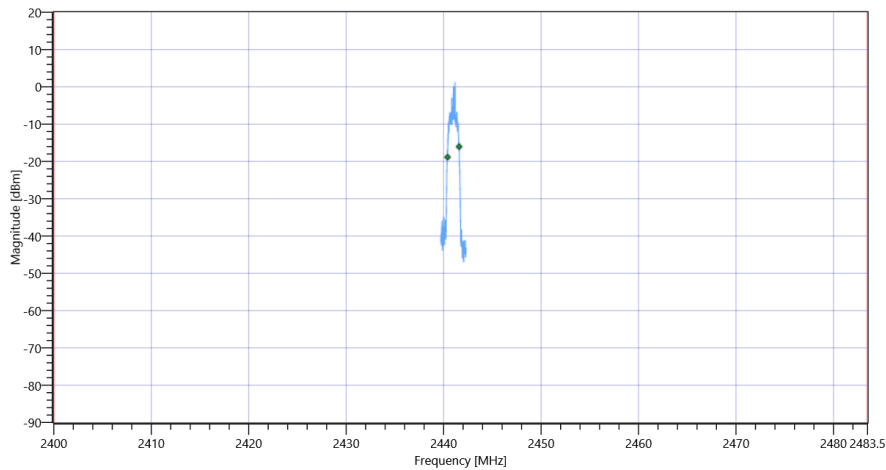
| Test Description | Lower Limit | Upper Limit | Measured  | Unit | Verdict |
|------------------|-------------|-------------|-----------|------|---------|
| Bandwidth 99%    | ---         | ---         | 1179.000  | kHz  | INFO    |
| T1 99%           | 2400.000000 | ---         | 2440.4073 | MHz  | PASS    |
| T2 99%           | ---         | 2483.500000 | 2441.5862 | MHz  | PASS    |

## Plot: Bandwidth only



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

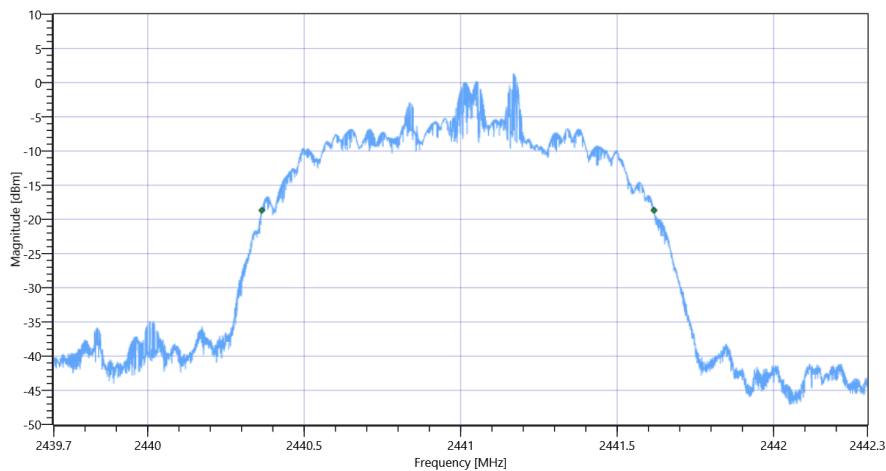
## Plot: Bandwidth within Band



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

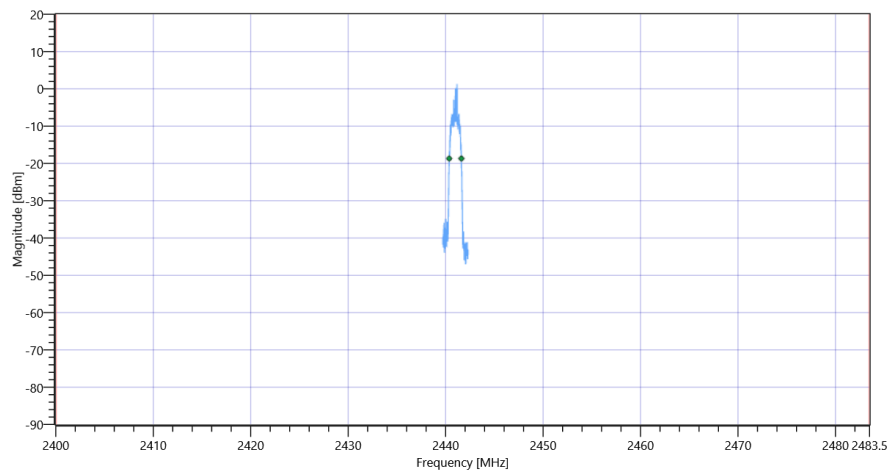
| RESULT           |             |             |           |      |         |
|------------------|-------------|-------------|-----------|------|---------|
| Test Description | Lower Limit | Upper Limit | Measured  | Unit | Verdict |
| Bandwidth 20dB   | ---         | ---         | 1253      | kHz  | INFO    |
| T1 20dB          | 2400.000000 | ---         | 2440.3646 | MHz  | PASS    |
| T2 20dB          | ---         | 2483.500000 | 2441.6178 | MHz  | PASS    |

Plot: Bandwidth only



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

Plot: Bandwidth within Band



## Test at TX 2480 MHz

### RESULT: Reference Power cond.

| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 1.95     | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2480.100 | MHz  | INFO    |

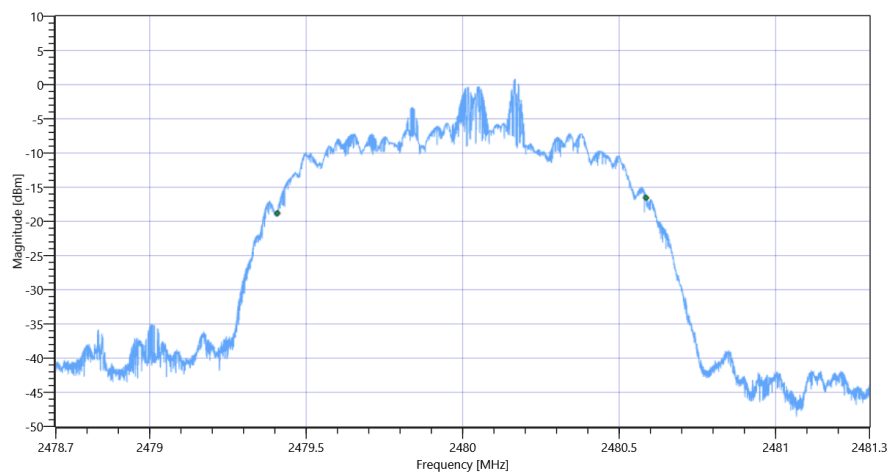
### READ SA SETTINGS:

|                                                      |                        |
|------------------------------------------------------|------------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 6.95   10.15   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 |

### RESULT

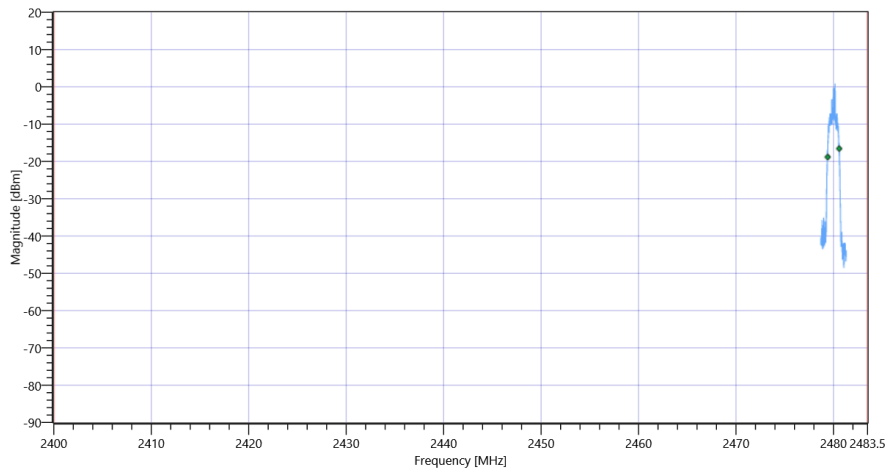
| Test Description | Lower Limit | Upper Limit | Measured  | Unit | Verdict |
|------------------|-------------|-------------|-----------|------|---------|
| Bandwidth 99%    | ---         | ---         | 1178.000  | kHz  | INFO    |
| T1 99%           | 2400.000000 | ---         | 2479.4078 | MHz  | PASS    |
| T2 99%           | ---         | 2483.500000 | 2480.5857 | MHz  | PASS    |

### Plot: Bandwidth only



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

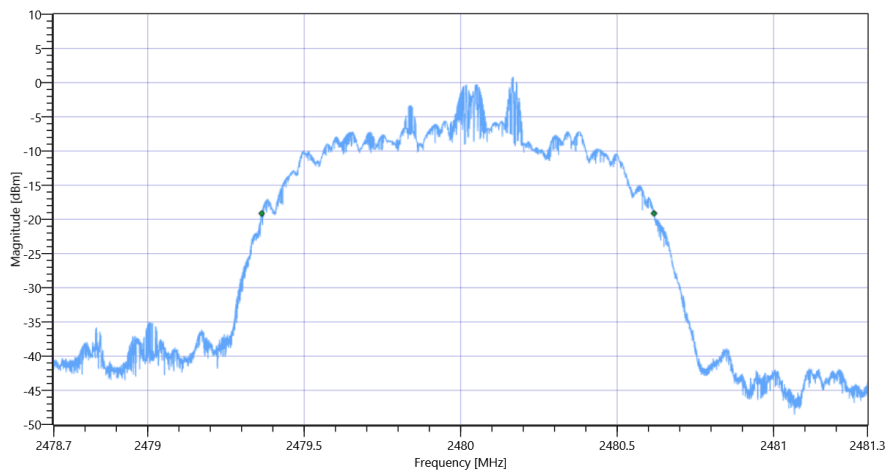
### Plot: Bandwidth within Band



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

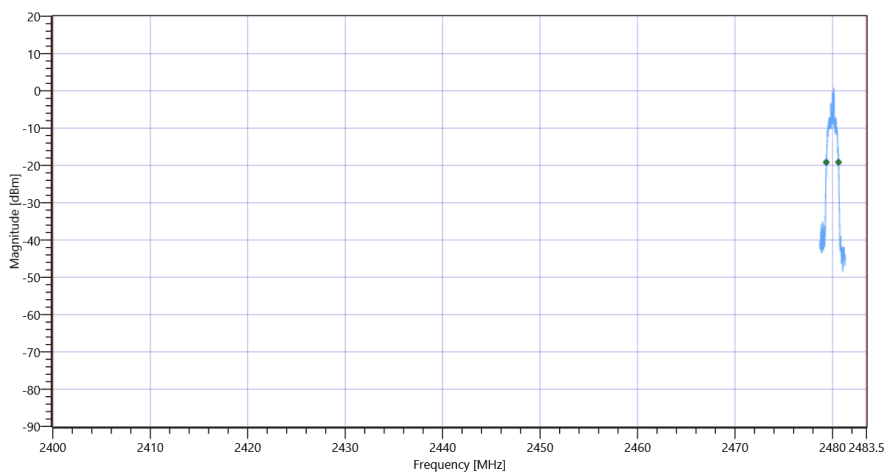
| RESULT           |             |             |           |      |         |
|------------------|-------------|-------------|-----------|------|---------|
| Test Description | Lower Limit | Upper Limit | Measured  | Unit | Verdict |
| Bandwidth 20dB   | ---         | ---         | 1253      | kHz  | INFO    |
| T1 20dB          | 2400.000000 | ---         | 2479.3643 | MHz  | PASS    |
| T2 20dB          | ---         | 2483.500000 | 2480.6178 | MHz  | PASS    |

Plot: Bandwidth only



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

Plot: Bandwidth within Band



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

General verdict

PASS

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

| Test References                   |                                                                      |
|-----------------------------------|----------------------------------------------------------------------|
| TC Start                          | 15.11.2022 09:57:56                                                  |
| Ambit Temp [°C]   Humidity [rel%] | not enabled   not enabled                                            |
| System Version                    | 3.3.1.8                                                              |
| Test Specification                | FCC 15.247 -                                                         |
| Test Method                       |                                                                      |
| TC Version                        | 0.0.1                                                                |
| My Description                    | FCC 15.247 Carrier Frequency Separation FHSS - BT Classic Basic Rate |
| Add. 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                                 | LOOPback                                              |
| Perform Inquiry                          | No                                                    |
| EUT BT Address (if Inquiry No)           | 00167329972B                                          |
| Signaling BT Address                     | BABEBEDADB                                            |
| Switch Matrix & Pathcompensation enabled | Yes                                                   |

| Test Parameter                                   |                                        |
|--------------------------------------------------|----------------------------------------|
| Technology to test                               | BT Classic Basic rate                  |
| Antenna Port used                                | 1                                      |
| 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 | Yes   No                               |
| Additional Path Loss [dB]                        | 0                                      |
| Switched Path                                    | EUT - SignalingUnit - SpectrumAnalyzer |

| Test Equipment                                                   |  |
|------------------------------------------------------------------|--|
| Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103809,3.70    |  |
| Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.62      |  |
| Switch matrix,CTCadvanced,RSM-1 NI DAQ,29655273,NI               |  |
| Power supply,Agilent Technologies,N5767A,US14J1569PB,00.06,REV:F |  |

## Test at TX hopping MHz

### RESULT: Reference Power cond.

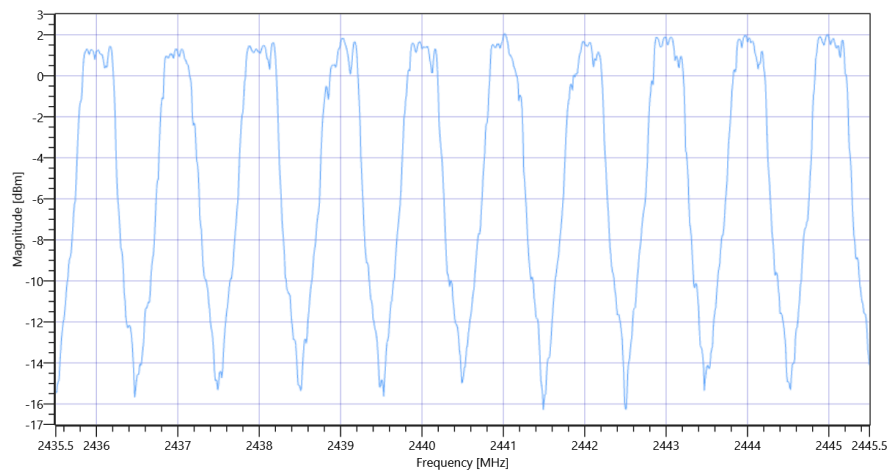
| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 3.18     | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2465.870 | MHz  | INFO    |

### READ SA SETTINGS:

|                                                      |                        |
|------------------------------------------------------|------------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 8.18   9.9   15        |
| 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

| Test 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    |
| 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    |



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

General verdict

PASS

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

| Test References                   |                                                                    |
|-----------------------------------|--------------------------------------------------------------------|
| TC Start                          | 15.11.2022 08:38:57                                                |
| Ambit Temp [°C]   Humidity [rel%] | 27.5   32                                                          |
| System Version                    | 3.3.1.8                                                            |
| Test Specification                | FCC 15.247 -                                                       |
| Test Method                       |                                                                    |
| TC Version                        | 0.0.1                                                              |
| My Description                    | FCC 15.247 Number Of Hopping Channels FHSS - BT Classic Basic Rate |
| Add. 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                                 | LOOPback                                              |
| Perform Inquiry                          | No                                                    |
| EUT BT Address (if Inquiry No)           | 00167329972B                                          |
| Signaling BT Address                     | BABEBEDADBAD                                          |
| Switch Matrix & Pathcompensation enabled | Yes                                                   |

| Test Parameter                                   |                                        |
|--------------------------------------------------|----------------------------------------|
| Technology to test                               | BT Classic Basic rate                  |
| Antenna Port used                                | 1                                      |
| 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 | Yes   No                               |
| Additional Path Loss [dB]                        | 0                                      |
| Switched Path                                    | EUT - SignalingUnit - SpectrumAnalyzer |

| Test Equipment                                                   |  |
|------------------------------------------------------------------|--|
| Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103809,3.70    |  |
| Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.62      |  |
| Switch matrix,CTCadvanced,RSM-1 NI DAQ,29655273,NI               |  |
| Power supply,Agilent Technologies,N5767A,US14J1569PB,00.06,REV:F |  |

## Test at TX hopping MHz

### RESULT: Reference Power cond.

| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 3.27     | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2467.870 | MHz  | INFO    |

### READ SA SETTINGS:

|                                                      |                       |
|------------------------------------------------------|-----------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 8.27   10.1   15      |
| 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   1500   1001   SWE |

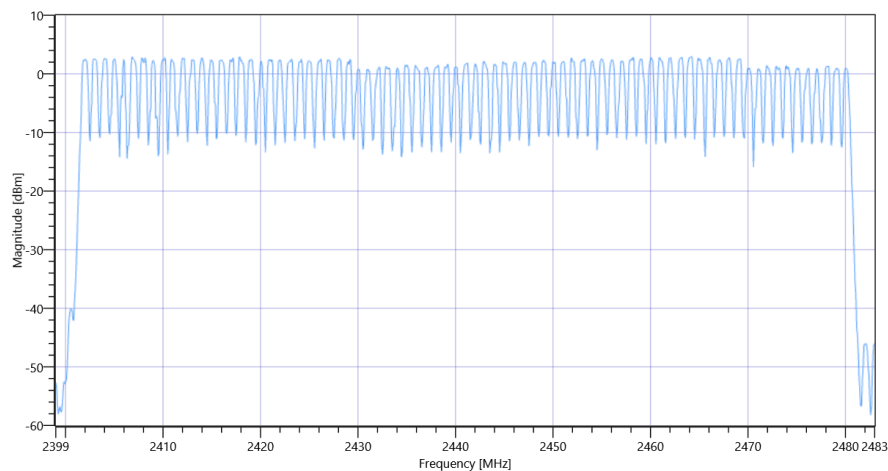
### RESULT

| Test Description       | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|------------------------|-------------|-------------|----------|------|---------|
| Hopp channel (rounded) | ---         | ---         | 2402     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2403     | MHz  | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2404     | MHz  | INFO    |
| 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    |

| RESULT                 |             |             |          |      |         |
|------------------------|-------------|-------------|----------|------|---------|
| Test Description       | Lower Limit | Upper Limit | Measured | Unit | Verdict |
| 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    |
| 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    |

| RESULT                 |             |             |          |      |         |
|------------------------|-------------|-------------|----------|------|---------|
| Test Description       | Lower Limit | Upper Limit | Measured | Unit | Verdict |
| 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    |
| 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    |

| RESULT                 |             |             |          |        |         |
|------------------------|-------------|-------------|----------|--------|---------|
| Test Description       | Lower Limit | Upper Limit | Measured | Unit   | Verdict |
| Hopp channel (rounded) | ---         | ---         | 2477     | MHz    | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2478     | MHz    | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2479     | MHz    | INFO    |
| Hopp channel (rounded) | ---         | ---         | 2480     | MHz    | INFO    |
| Σ Hopping channels     | 15          | ---         | 79       | Number | PASS    |



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

General verdict

PASS

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

| Test References                   |                                                                                                                  |
|-----------------------------------|------------------------------------------------------------------------------------------------------------------|
| TC Start                          | 14.11.2022 17:17:45                                                                                              |
| Ambit Temp [°C]   Humidity [rel%] | 26.0   34                                                                                                        |
| System Version                    | 3.3.1.8                                                                                                          |
| Test Specification                | FCC 15.247 -                                                                                                     |
| Test Method                       | IF DTS then 8.5 DTS emissions in non-restricted frequency bands:<br>Subclause 11.11 of ANSI C63.10 is applicable |
| TC Version                        | 0.0.1                                                                                                            |
| My Description                    | FCC 15.247 TX Emissions Conducted FHSS - BT Classic Basic Rate                                                   |
| Add. 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                                 | LOOPback                                              |
| Perform Inquiry                          | No                                                    |
| EUT BT Address (if Inquiry No)           | 00167329972B                                          |
| Signaling BT Address                     | BABEBEDADBAD                                          |
| Switch Matrix & Pathcompensation enabled | Yes                                                   |

| Test Parameter                                   |                                        |
|--------------------------------------------------|----------------------------------------|
| Technology to test                               | BT Classic Basic rate                  |
| Antenna Port used                                | 1                                      |
| 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 | Yes   No                               |
| Additional Path Loss [dB]                        | 0                                      |
| Switched Path                                    | EUT - SignalingUnit - SpectrumAnalyzer |

| Test Equipment                                                    |  |
|-------------------------------------------------------------------|--|
| Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103809,3.70     |  |
| Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.62       |  |
| Switch matrix,CTCadvanced,RSM-1 NI DAQ,29655273,NI                |  |
| Power supply,Agilent Technologies,N5767A,US14J1569P,B.00.06,REV:F |  |

## Test at TX 2402 MHz

### RESULT: Reference Power cond.

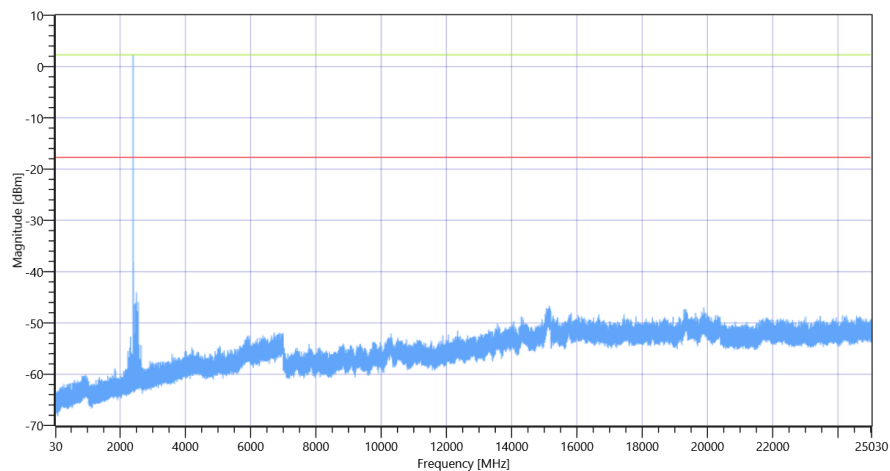
| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 3.12     | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2402.200 | MHz  | INFO    |

### READ SA SETTINGS:

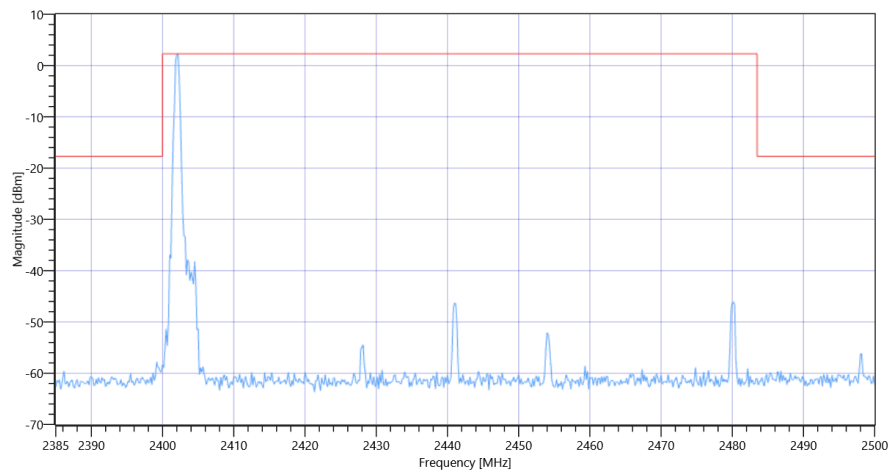
|                                                      |                       |
|------------------------------------------------------|-----------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 3.12   0   20         |
| Start [MHz]   Stop [MHz]                             | 24530.000   25030.000 |
| RBW [MHz]   VBW [MHz]                                | 0.100000   0.300000   |
| Detector   TraceMode                                 | POS   MAXH            |
| Sweep: Time [ms]   Count   Points per Section   Type | 200   25   3001   SWE |

### RESULT

| Test Description                   | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|------------------------------------|-------------|-------------|----------|------|---------|
| Reference @<br>2402.17 MHz         | ---         | ---         | 2.29     | dBm  | INFO    |
| No peaks detected                  | ---         | ---         |          |      | PASS    |
| Lowest margin to<br>limit 2506 MHz | 0           | ---         | 26.33    | dB   | INFO    |



FCC 15.247 # TX spurious conducted 20dBc ~ BT Classic Basic rate 2402



FCC 15.247 # TX spurious conducted 20dBc ~ BT Classic Basic rate 2402

## Test at TX 2441 MHz

### RESULT: Reference Power cond.

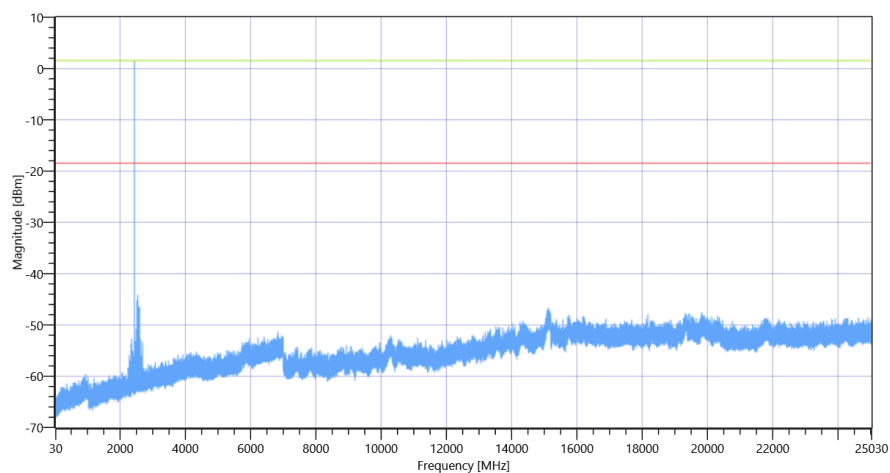
| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 2.24     | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2440.800 | MHz  | INFO    |

### READ SA SETTINGS:

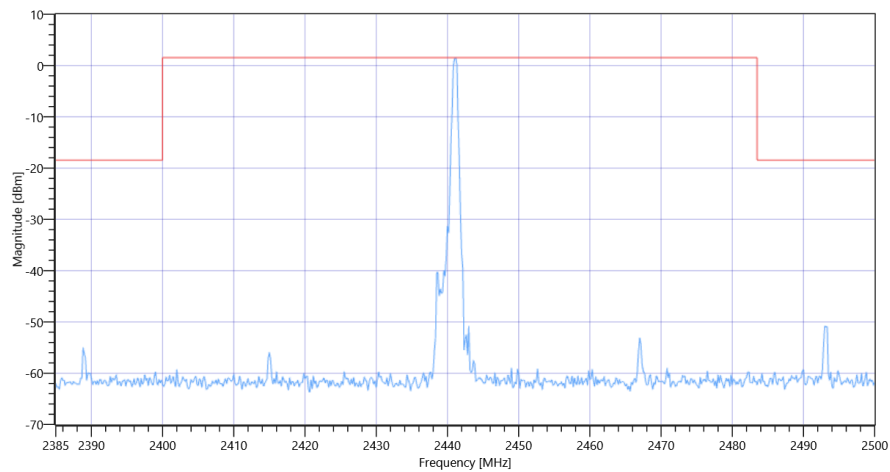
|                                                      |                       |
|------------------------------------------------------|-----------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 2.25   0   20         |
| Start [MHz]   Stop [MHz]                             | 24530.000   25030.000 |
| RBW [MHz]   VBW [MHz]                                | 0.100000   0.300000   |
| Detector   TraceMode                                 | POS   MAXH            |
| Sweep: Time [ms]   Count   Points per Section   Type | 200   25   3001   SWE |

### RESULT

| Test Description                       | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|----------------------------------------|-------------|-------------|----------|------|---------|
| Reference @<br>2441.17 MHz             | ---         | ---         | 1.52     | dBm  | INFO    |
| No peaks detected                      | ---         | ---         |          |      | PASS    |
| Lowest margin to<br>limit 2544.833 MHz | 0           | ---         | 25.68    | dB   | INFO    |



FCC 15.247 # TX spurious conducted 20dBc ~ BT Classic Basic rate 2441



FCC 15.247 # TX spurious conducted 20dBc ~ BT Classic Basic rate 2441

## Test at TX 2480 MHz

### RESULT: Reference Power cond.

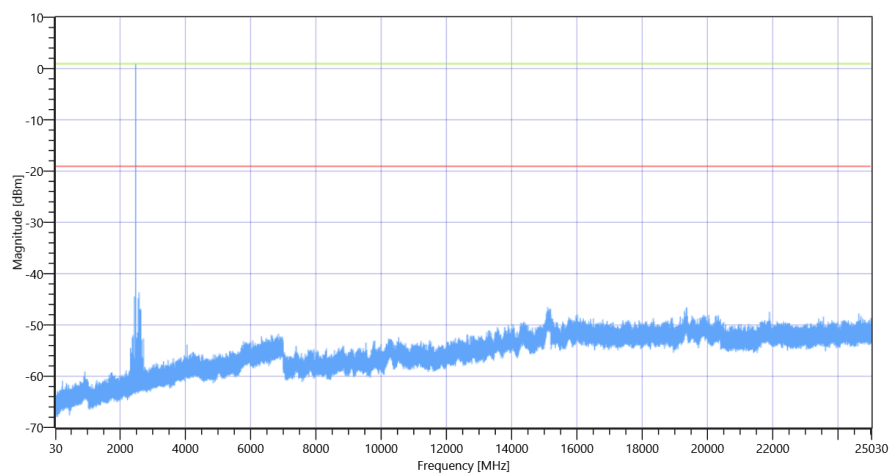
| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 1.80     | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2479.800 | MHz  | INFO    |

### READ SA SETTINGS:

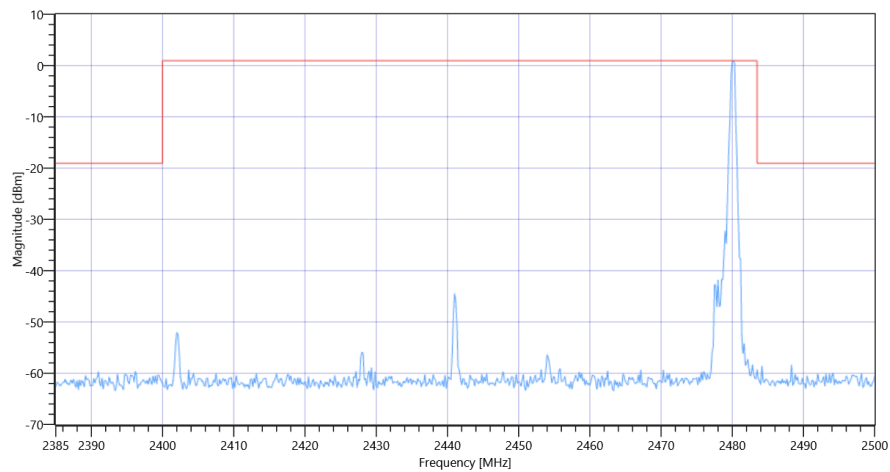
|                                                      |                       |
|------------------------------------------------------|-----------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 1.80   0   20         |
| Start [MHz]   Stop [MHz]                             | 24530.000   25030.000 |
| RBW [MHz]   VBW [MHz]                                | 0.100000   0.300000   |
| Detector   TraceMode                                 | POS   MAXH            |
| Sweep: Time [ms]   Count   Points per Section   Type | 200   25   3001   SWE |

### RESULT

| Test Description                       | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|----------------------------------------|-------------|-------------|----------|------|---------|
| Reference @<br>2480.17 MHz             | ---         | ---         | 0.93     | dBm  | INFO    |
| No peaks detected                      | ---         | ---         |          |      | PASS    |
| Lowest margin to<br>limit 2583.833 MHz | 0           | ---         | 24.57    | dB   | INFO    |



FCC 15.247 # TX spurious conducted 20dBc ~ BT Classic Basic rate 2480



FCC 15.247 # TX spurious conducted 20dBc ~ BT Classic Basic rate 2480

General verdict

PASS

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

| Test References                   |                                                                                                                  |
|-----------------------------------|------------------------------------------------------------------------------------------------------------------|
| TC Start                          | 14.11.2022 17:45:06                                                                                              |
| Ambit Temp [°C]   Humidity [rel%] | 25.8   34                                                                                                        |
| System Version                    | 3.3.1.8                                                                                                          |
| Test Specification                | FCC 15.247 -                                                                                                     |
| Test Method                       | IF DTS then 8.5 DTS emissions in non-restricted frequency bands:<br>Subclause 11.11 of ANSI C63.10 is applicable |
| TC Version                        | 0.0.1                                                                                                            |
| My Description                    | FCC 15.247 TX Emissions Conducted FHSS - BT Classic EDR<br>Pi/4DQPSK                                             |
| Add. 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                                 | LOOPback                                              |
| Perform Inquiry                          | No                                                    |
| EUT BT Address (if Inquiry No)           | 00167329972B                                          |
| Signaling BT Address                     | BABEBEDADBAD                                          |
| Switch Matrix & Pathcompensation enabled | Yes                                                   |

| Test Parameter                                   |                                        |
|--------------------------------------------------|----------------------------------------|
| Technology to test                               | BT Classic EDR Pi/4DQPSK               |
| Antenna Port used                                | 1                                      |
| 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 | Yes   No                               |
| Additional Path Loss [dB]                        | 0                                      |
| Switched Path                                    | EUT - SignalingUnit - SpectrumAnalyzer |

| Test Equipment                                                    |  |
|-------------------------------------------------------------------|--|
| Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103809,3.70     |  |
| Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.62       |  |
| Switch matrix,CTCadvanced,RSM-1 NI DAQ,29655273,NI                |  |
| Power supply,Agilent Technologies,N5767A,US14J1569P,B.00.06,REV:F |  |

## Test at TX 2402 MHz

### RESULT: Reference Power cond.

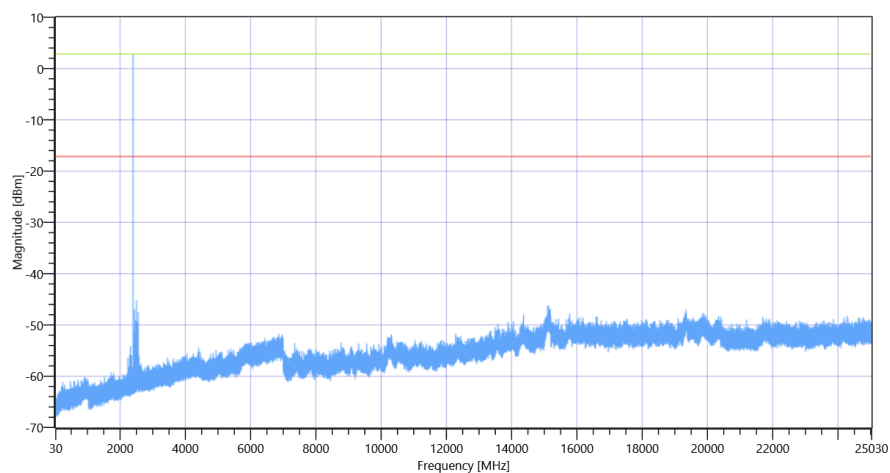
| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 3.58     | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2401.900 | MHz  | INFO    |

### READ SA SETTINGS:

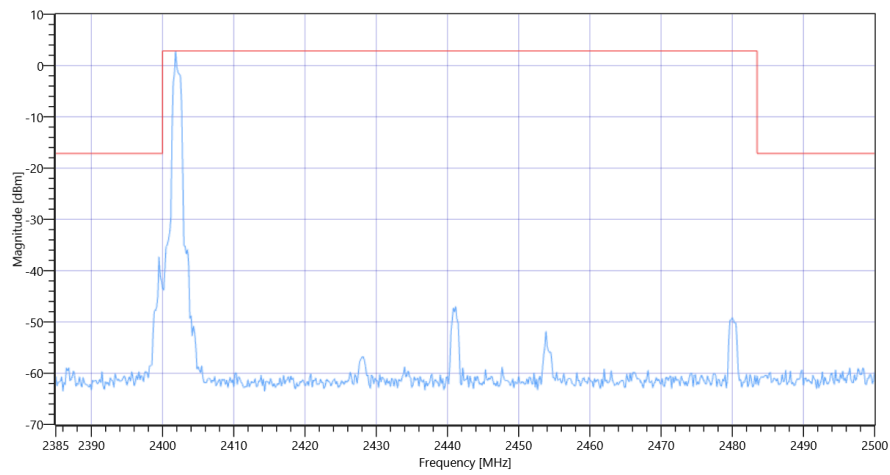
|                                                      |                       |
|------------------------------------------------------|-----------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 3.58   0   20         |
| Start [MHz]   Stop [MHz]                             | 24530.000   25030.000 |
| RBW [MHz]   VBW [MHz]                                | 0.100000   0.300000   |
| Detector   TraceMode                                 | POS   MAXH            |
| Sweep: Time [ms]   Count   Points per Section   Type | 200   25   3001   SWE |

### RESULT

| Test Description                     | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------------------------|-------------|-------------|----------|------|---------|
| Reference @<br>2401.83 MHz           | ---         | ---         | 2.83     | dBm  | INFO    |
| No peaks detected                    | ---         | ---         |          |      | PASS    |
| Lowest margin to<br>limit 2399.5 MHz | 0           | ---         | 20.13    | dB   | INFO    |



FCC 15.247 # TX spurious conducted 20dBc ~ BT Classic EDR Pi-4QPSK 2402



FCC 15.247 # TX spurious conducted 20dBc ~ BT Classic EDR Pi-4QPSK 2402

## Test at TX 2441 MHz

### RESULT: Reference Power cond.

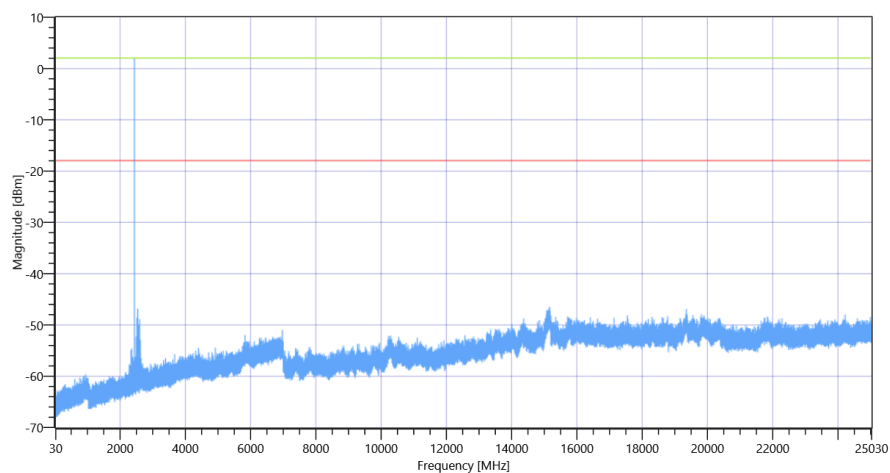
| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 2.70     | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2441.200 | MHz  | INFO    |

### READ SA SETTINGS:

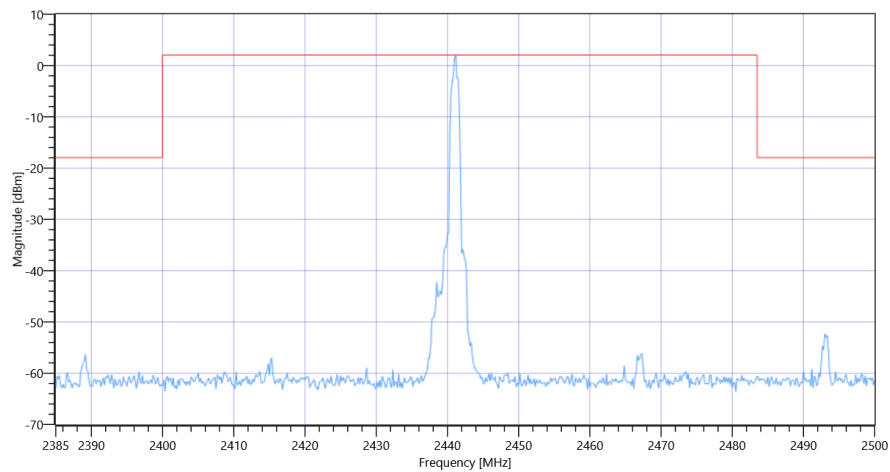
|                                                      |                       |
|------------------------------------------------------|-----------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 2.70   0   20         |
| Start [MHz]   Stop [MHz]                             | 24530.000   25030.000 |
| RBW [MHz]   VBW [MHz]                                | 0.100000   0.300000   |
| Detector   TraceMode                                 | POS   MAXH            |
| Sweep: Time [ms]   Count   Points per Section   Type | 200   25   3001   SWE |

### RESULT

| Test Description                 | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|----------------------------------|-------------|-------------|----------|------|---------|
| Reference @<br>2441.17 MHz       | ---         | ---         | 2.02     | dBm  | INFO    |
| No peaks detected                | ---         | ---         |          |      | PASS    |
| Lowest margin to<br>limit 30 MHz | 0           | ---         | -134.76  | dB   | INFO    |



FCC 15.247 # TX spurious conducted 20dBc ~ BT Classic EDR Pi-4QPSK 2441



FCC 15.247 # TX spurious conducted 20dBc ~ BT Classic EDR Pi-4QPSK 2441

## Test at TX 2480 MHz

### RESULT: Reference Power cond.

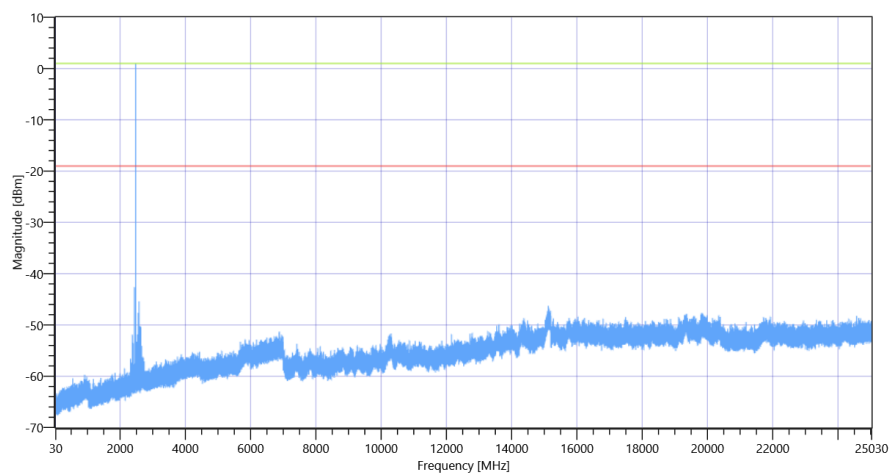
| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 2.17     | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2479.800 | MHz  | INFO    |

### READ SA SETTINGS:

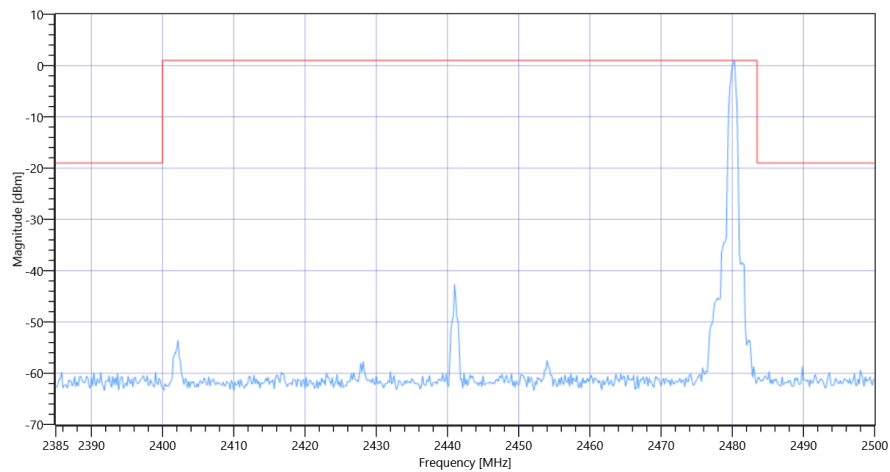
|                                                      |                       |
|------------------------------------------------------|-----------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 2.17   0   20         |
| Start [MHz]   Stop [MHz]                             | 24530.000   25030.000 |
| RBW [MHz]   VBW [MHz]                                | 0.100000   0.300000   |
| Detector   TraceMode                                 | POS   MAXH            |
| Sweep: Time [ms]   Count   Points per Section   Type | 200   25   3001   SWE |

### RESULT

| Test Description                   | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|------------------------------------|-------------|-------------|----------|------|---------|
| Reference @<br>2480.33 MHz         | ---         | ---         | 0.96     | dBm  | INFO    |
| No peaks detected                  | ---         | ---         |          |      | PASS    |
| Lowest margin to<br>limit 2584 MHz | 0           | ---         | 26.37    | dB   | INFO    |



FCC 15.247 # TX spurious conducted 20dBc ~ BT Classic EDR Pi-4QPSK 2480



FCC 15.247 # TX spurious conducted 20dBc ~ BT Classic EDR Pi-4DQPSK 2480

General verdict

PASS

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

| Test References                   |                                                                                                                  |
|-----------------------------------|------------------------------------------------------------------------------------------------------------------|
| TC Start                          | 14.11.2022 18:12:28                                                                                              |
| Ambit Temp [°C]   Humidity [rel%] | 26.3   33                                                                                                        |
| System Version                    | 3.3.1.8                                                                                                          |
| Test Specification                | FCC 15.247 -                                                                                                     |
| Test Method                       | IF DTS then 8.5 DTS emissions in non-restricted frequency bands:<br>Subclause 11.11 of ANSI C63.10 is applicable |
| TC Version                        | 0.0.1                                                                                                            |
| My Description                    | FCC 15.247 TX Emissions Conducted FHSS - BT Classic EDR 8DPSK                                                    |
| Add. 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                                 | LOOPback                                              |
| Perform Inquiry                          | No                                                    |
| EUT BT Address (if Inquiry No)           | 00167329972B                                          |
| Signaling BT Address                     | BABEBEDADBAD                                          |
| Switch Matrix & Pathcompensation enabled | Yes                                                   |

| Test Parameter                                   |                                        |
|--------------------------------------------------|----------------------------------------|
| Technology to test                               | BT Classic EDR 8DPSK                   |
| Antenna Port used                                | 1                                      |
| 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 | Yes   No                               |
| Additional Path Loss [dB]                        | 0                                      |
| Switched Path                                    | EUT - SignalingUnit - SpectrumAnalyzer |

| Test Equipment                                                    |  |
|-------------------------------------------------------------------|--|
| Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103809,3.70     |  |
| Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.62       |  |
| Switch matrix,CTCadvanced,RSM-1 NI DAQ,29655273,NI                |  |
| Power supply,Agilent Technologies,N5767A,US14J1569P,B.00.06,REV:F |  |

## Test at TX 2402 MHz

### RESULT: Reference Power cond.

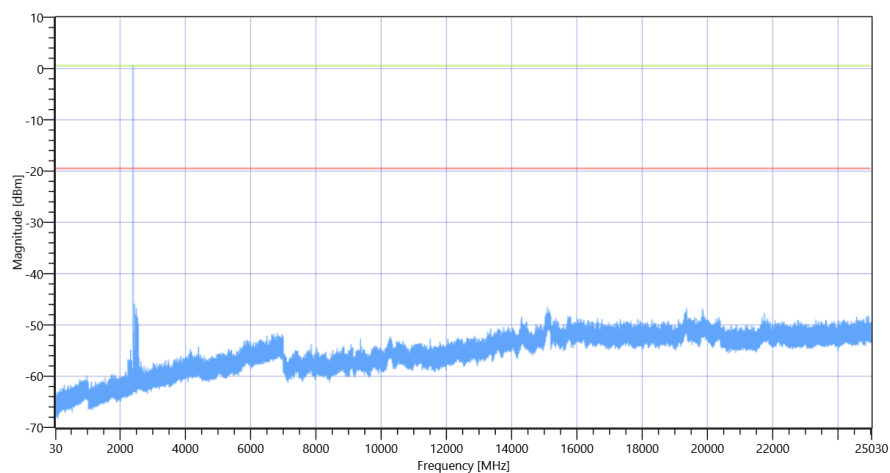
| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 3.21     | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2402.100 | MHz  | INFO    |

### READ SA SETTINGS:

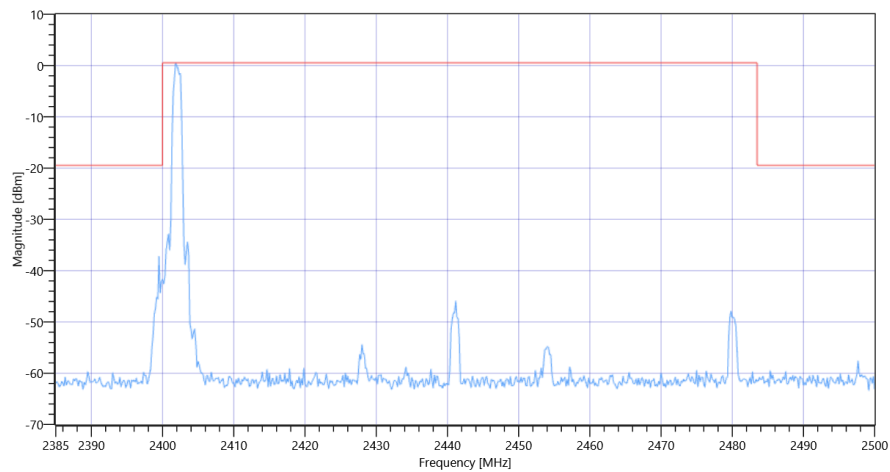
|                                                      |                       |
|------------------------------------------------------|-----------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 3.21   0   20         |
| Start [MHz]   Stop [MHz]                             | 24530.000   25030.000 |
| RBW [MHz]   VBW [MHz]                                | 0.100000   0.300000   |
| Detector   TraceMode                                 | POS   MAXH            |
| Sweep: Time [ms]   Count   Points per Section   Type | 200   25   3001   SWE |

### RESULT

| Test Description                     | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------------------------|-------------|-------------|----------|------|---------|
| Reference @<br>2401.83 MHz           | ---         | ---         | 0.53     | dBm  | INFO    |
| No peaks detected                    | ---         | ---         |          |      | PASS    |
| Lowest margin to<br>limit 2399.5 MHz | 0           | ---         | 17.75    | dB   | INFO    |



FCC 15.247 # TX spurious conducted 20dBc ~ BT Classic EDR 8DPSK 2402



FCC 15.247 # TX spurious conducted 20dBc ~ BT Classic EDR 8DPSK 2402

## Test at TX 2441 MHz

### RESULT: Reference Power cond.

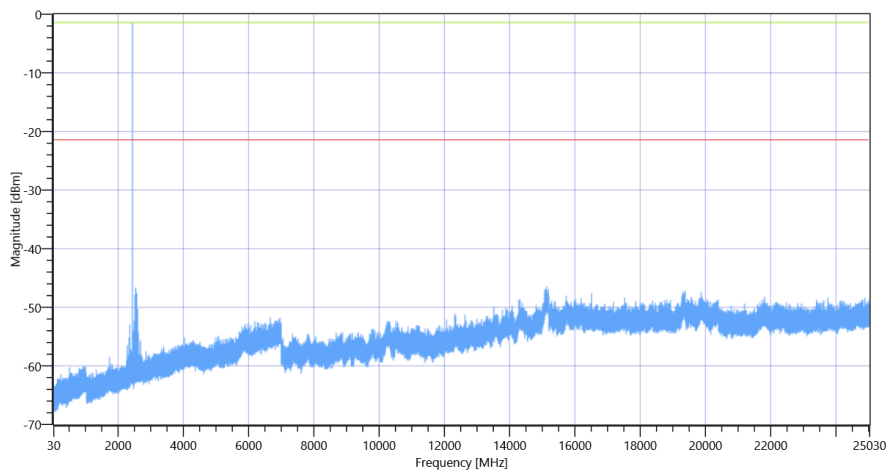
| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 2.59     | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2440.900 | MHz  | INFO    |

### READ SA SETTINGS:

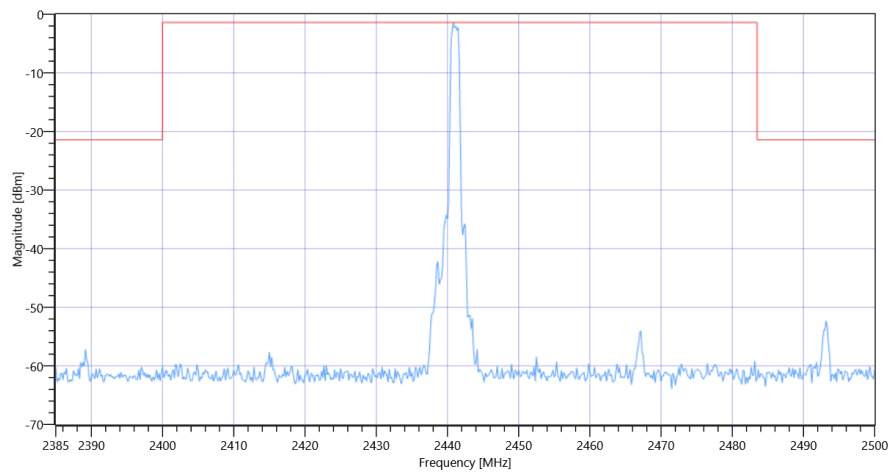
|                                                      |                       |
|------------------------------------------------------|-----------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 2.59   0   20         |
| Start [MHz]   Stop [MHz]                             | 24530.000   25030.000 |
| RBW [MHz]   VBW [MHz]                                | 0.100000   0.300000   |
| Detector   TraceMode                                 | POS   MAXH            |
| Sweep: Time [ms]   Count   Points per Section   Type | 200   25   3001   SWE |

### RESULT

| Test Description                           | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------------------------------|-------------|-------------|----------|------|---------|
| Reference @<br>2440.83 MHz                 | ---         | ---         | -1.41    | dBm  | INFO    |
| No peaks detected                          | ---         | ---         |          |      | PASS    |
| Lowest margin to<br>limit 15126.167<br>MHz | 0           | ---         | 25.03    | dB   | INFO    |



FCC 15.247 # TX spurious conducted 20dBc ~ BT Classic EDR 8DPSK 2441



FCC 15.247 # TX spurious conducted 20dBc ~ BT Classic EDR 8DPSK 2441

## Test at TX 2480 MHz

### RESULT: Reference Power cond.

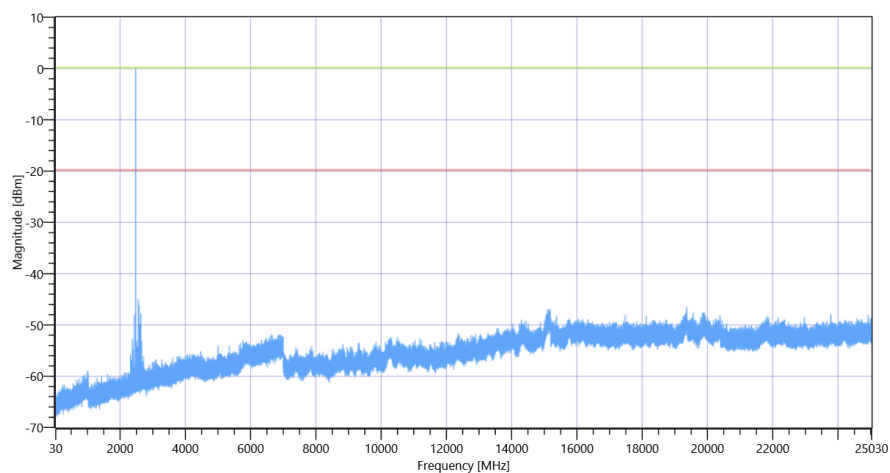
| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 1.90     | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2479.700 | MHz  | INFO    |

### READ SA SETTINGS:

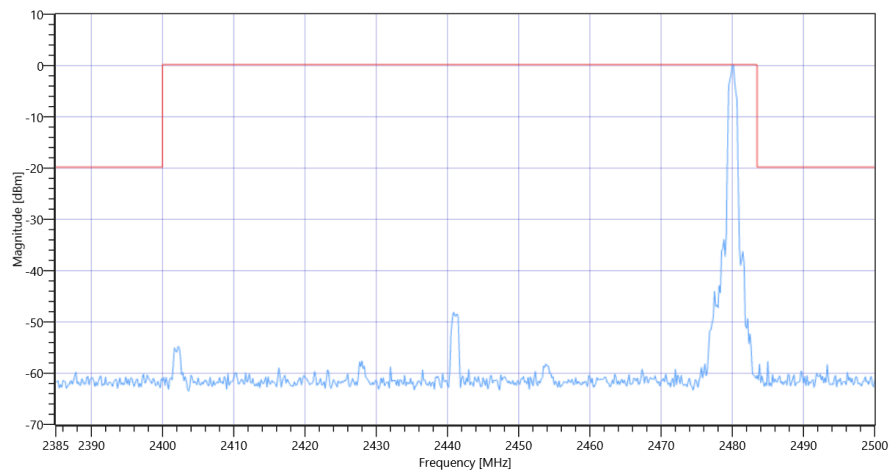
|                                                      |                       |
|------------------------------------------------------|-----------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 1.90   0   20         |
| Start [MHz]   Stop [MHz]                             | 24530.000   25030.000 |
| RBW [MHz]   VBW [MHz]                                | 0.100000   0.300000   |
| Detector   TraceMode                                 | POS   MAXH            |
| Sweep: Time [ms]   Count   Points per Section   Type | 200   25   3001   SWE |

### RESULT

| Test Description                   | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|------------------------------------|-------------|-------------|----------|------|---------|
| Reference @<br>2480.17 MHz         | ---         | ---         | 0.19     | dBm  | INFO    |
| No peaks detected                  | ---         | ---         |          |      | PASS    |
| Lowest margin to<br>limit 2558 MHz | 0           | ---         | 25.18    | dB   | INFO    |



FCC 15.247 # TX spurious conducted 20dBc ~ BT Classic EDR 8DPSK 2480



FCC 15.247 # TX spurious conducted 20dBc ~ BT Classic EDR 8DPSK 2480

General verdict

PASS

- END OF DOCUMENT -