Measurement Results

1-0573/20-01-08_Annex_MR_A_1

Test logging

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2021.08.10 14:49:39 +02'00'

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Table of Content

IUT Summary

IUT DEFINITION & Common settings	
Manufacturer	beyerdynamic GmbH & Co. KG
Type	Blue Byrd 2nd Generation
Serial No. | Setup No.	BD Address 0022BB760016 | 1.0
SW Version | HW Version	NI | NI
Comment 1 | 2	|
Tlow | Tmid | Thigh [°C]	-10 | 22 | 55
Vlow | Vmid | Vhigh [V] @Imax [A]	3 | 3.8 | 4.35 @1
Auto Control enabled Power Supply | Climatic Box	No | No
Additional Path Loss [dB]	0.7

IUT Common Settings BT Classic	
Intermodulation Value N	3
Image Freq. Low | Mid | High [MHz]	0 | 0 | 0
Power Class	2
Power Control	Enhanced
Longest Supported Packet Type	DH5
RF Supported	Basic Rate True | EDR Pi/4DQPSK True | EDR 8DPSK True
Testmode	LOOPback
Perform Inquiry	No
IUT BT Address	0022BB76003A
Signaling BT Addess	BABEBEDADBAD
Switch Matrix & Pathcompensation enabled	Yes

1. Common2G4 Peak OP 3MHz/3MHz ~ BT Classic Basic rate

Test References	
TC Start	09.12.2020 14:50:24
Ambit Temp [°C] | Humidity [rel%]	22.8 | 27
System Version	1.0.1.2
Test Specification	None
Test Method	
Class / TC Version	TC_VM_Common2G4_Peak_Output_Power_Conducted_3MHz_3MHz_V01 Version: 0.0.1
My Description	Peak Output Power conducted 3MHz/3MHz - BT Classic Basic Rate
Add. Information	

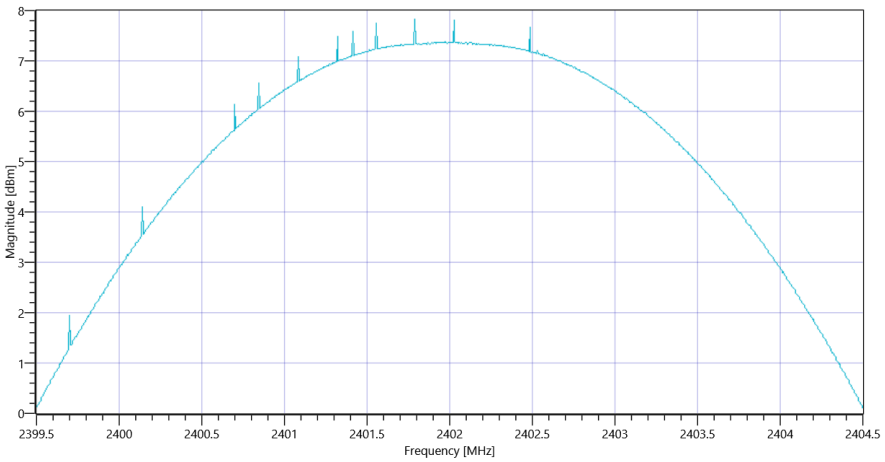
Test Parameter	
Technology to test	BT Classic Basic rate
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	True | Freq [MHz] 2402
Frequency mid to test	True | Freq [MHz] 2441
Frequency high to test	True | Freq [MHz] 2480
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SigBT: Rohde&Schwarz,CMW,1201.0002k75/100683,3.7.170 | SA: Rohde&Schwarz,FSV-30,1321.3008K30/103809,3.70

Test at TX 2402 MHz

BT Classic Connection check					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Connection result	---	---	---	---	TCON

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	17.45 | 10.79 | 25
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	---	---	7.83	dBm	Info
Peak Power	---	---	6.067363	mW	Info
Frequency at Peak	---	---	2401.79	MHz	Info



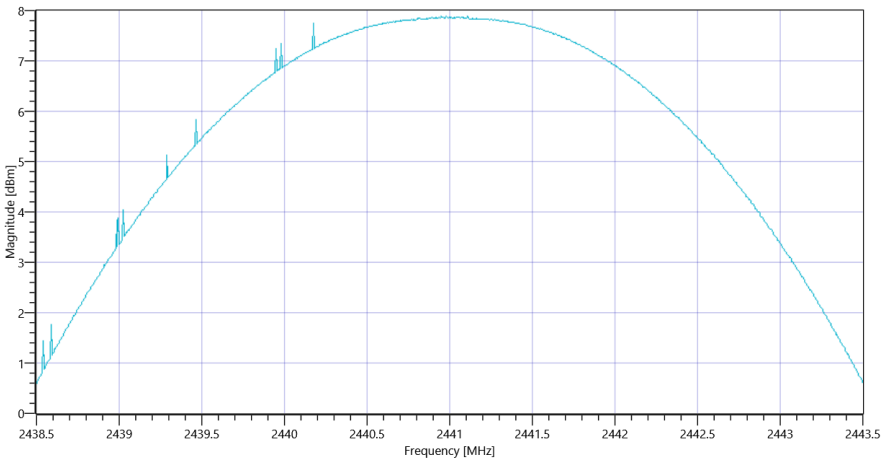
Plot_Common2G4 Peak OP 3MHz-3MHz ~ BT Classic Basic rate_09122020_145056.png

Test at TX 2441 MHz

BT Classic Connection check					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Connection result	---	---	---	---	TCON

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	17.94 | 10.8 | 25
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	---	---	7.89	dBm	Info
Peak Power	---	---	6.151769	mW	Info
Frequency at Peak	---	---	2440.98	MHz	Info



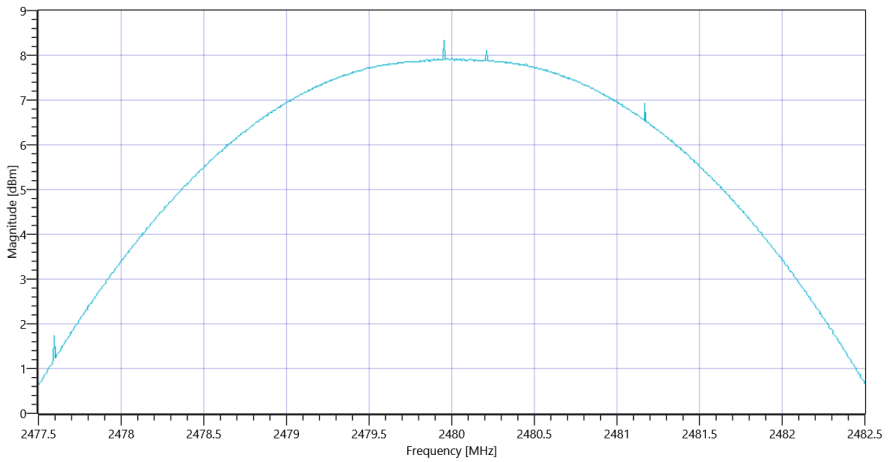
Plot_Common2G4 Peak OP 3MHz-3MHz ~ BT Classic Basic rate_09122020_145122.png

Test at TX 2480 MHz

BT Classic Connection check					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Connection result	---	---	---	---	TCON

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	17.85 | 10.85 | 25
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	---	---	8.32	dBm	Info
Peak Power	---	---	6.792036	mW	Info
Frequency at Peak	---	---	2479.955	MHz	Info



Plot_Common2G4 Peak OP 3MHz-3MHz ~ BT Classic Basic rate_09122020_145148.png

TEST FINISHED		
General Verdict	09.12.2020 14:51:48 / RT: 84 s	PASS

2. Common2G4 Peak OP 3MHz/3MHz ~ BT Classic EDR Pi/4DQPSK

Test References	
TC Start	09.12.2020 15:12:23
Ambit Temp [°C] | Humidity [rel%]	22.8 | 27
System Version	1.0.1.2
Test Specification	None
Test Method	
Class / TC Version	TC_VM_Common2G4_Peak_Output_Power_Conducted_3MHz_3MHz_V01 Version: 0.0.1
My Description	Peak Output Power conducted 3MHz/3MHz - BT Classic EDR Pi/4DQPSK
Add. Information	

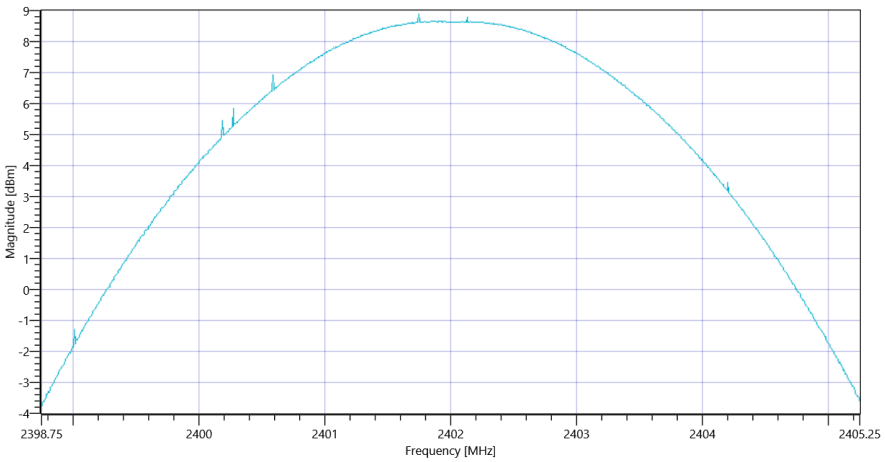
Test Parameter	
Technology to test	BT Classic EDR Pi/4DQPSK
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	True | Freq [MHz] 2402
Frequency mid to test	True | Freq [MHz] 2441
Frequency high to test	True | Freq [MHz] 2480
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SigBT: Rohde&Schwarz,CMW,1201.0002k75/100683,3.7.170 | SA: Rohde&Schwarz,FSV-30,1321.3008K30/103809,3.70

Test at TX 2402 MHz

BT Classic Connection check					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Connection result	---	---	---	---	TCON

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	17.66 | 10.79 | 25
Start [MHz] | Stop [MHz]	2398.750 | 2405.250
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	---	---	8.88	dBm	Info
Peak Power	---	---	7.726806	mW	Info
Frequency at Peak	---	---	2401.747	MHz	Info



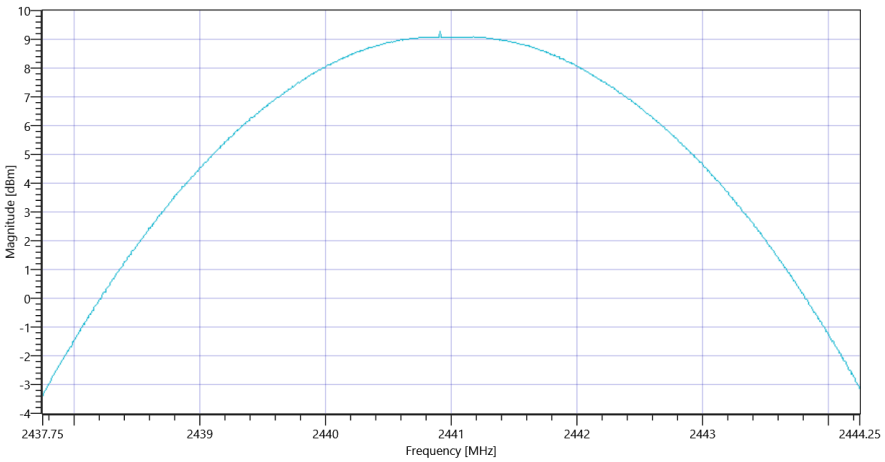
Plot_Common2G4 Peak OP 3MHz-3MHz ~ BT Classic EDR Pi-4DQPSK_09122020_151258.png

Test at TX 2441 MHz

BT Classic Connection check					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Connection result	---	---	---	---	TCON

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	18.44 | 10.8 | 25
Start [MHz] | Stop [MHz]	2437.750 | 2444.250
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	---	---	9.29	dBm	Info
Peak Power	---	---	8.491805	mW	Info
Frequency at Peak	---	---	2440.909	MHz	Info



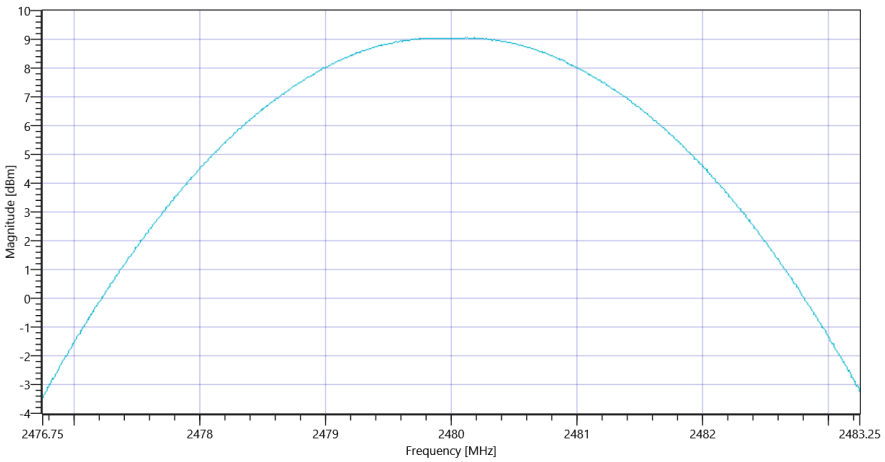
Plot_Common2G4 Peak OP 3MHz-3MHz ~ BT Classic EDR Pi-4DQPSK_09122020_151324.png

Test at TX 2480 MHz

BT Classic Connection check					
Test Description	**Lower Limit**	**Upper Limit**	**Measured**	**Unit**	**Verdict**
Connection result	---	---	---	---	TCON

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	18.26 | 10.85 | 25
Start [MHz] | Stop [MHz]	2476.750 | 2483.250
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	---	---	9.05	dBm	Info
Peak Power	---	---	8.035261	mW	Info
Frequency at Peak	---	---	2480.188	MHz	Info



Plot_Common2G4 Peak OP 3MHz-3MHz ~ BT Classic EDR Pi-4DQPSK_09122020_151351.png

TEST FINISHED		
General Verdict	09.12.2020 15:13:52 / RT: 88 s	PASS

3. Common2G4 Peak OP 3MHz/3MHz ~ BT Classic EDR 8DPSK

Test References	
TC Start	09.12.2020 15:33:56
Ambit Temp [°C] | Humidity [rel%]	22.8 | 27
System Version	1.0.1.2
Test Specification	None
Test Method	
Class / TC Version	TC_VM_Common2G4_Peak_Output_Power_Conducted_3MHz_3MHz_V01 Version: 0.0.1
My Description	Peak Output Power conducted 3MHz/3MHz - BT Classic EDR 8DPSK
Add. Information	

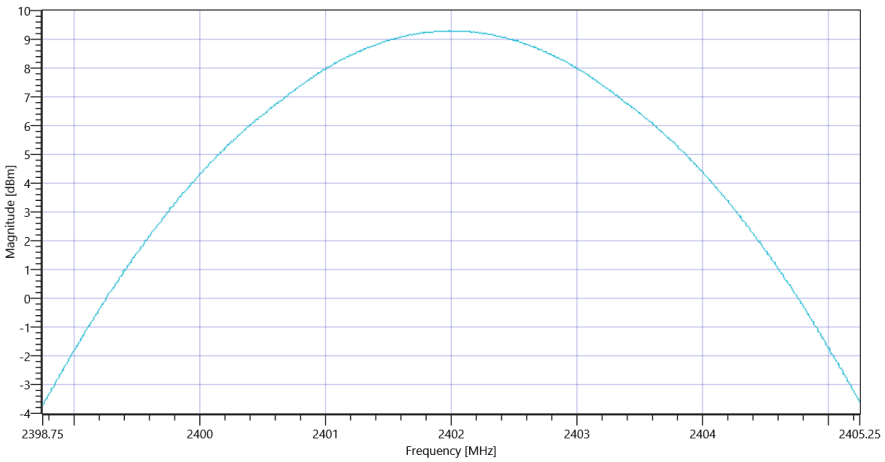
Test Parameter	
Technology to test	BT Classic EDR 8DPSK
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	True | Freq [MHz] 2402
Frequency mid to test	True | Freq [MHz] 2441
Frequency high to test	True | Freq [MHz] 2480
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SigBT: Rohde&Schwarz,CMW,1201.0002k75/100683,3.7.170 | SA: Rohde&Schwarz,FSV-30,1321.3008K30/103809,3.70

Test at TX 2402 MHz

BT Classic Connection check					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Connection result	---	---	---	---	TCON

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	17.96 | 10.79 | 25
Start [MHz] | Stop [MHz]	2398.750 | 2405.250
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	---	---	9.3	dBm	Info
Peak Power	---	---	8.51138	mW	Info
Frequency at Peak	---	---	2401.987	MHz	Info



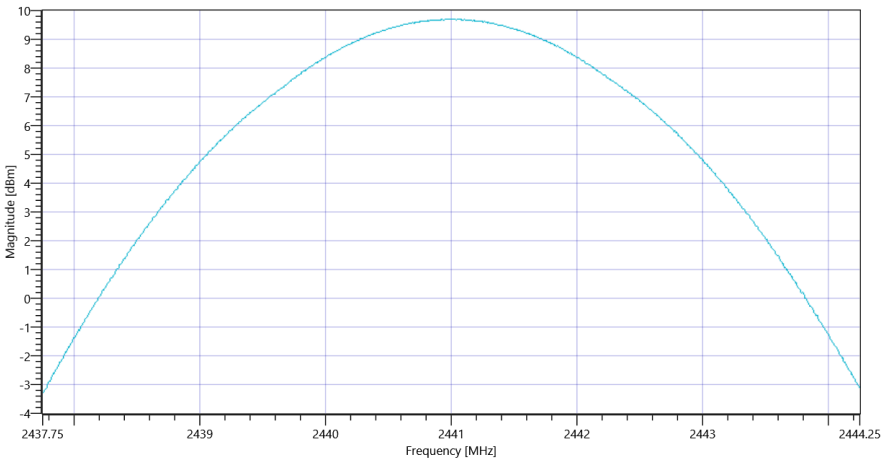
Plot_Common2G4 Peak OP 3MHz-3MHz ~ BT Classic EDR 8DPSK_09122020_153429.png

Test at TX 2441 MHz

BT Classic Connection check					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Connection result	---	---	---	---	TCON

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	18.33 | 10.8 | 25
Start [MHz] | Stop [MHz]	2437.750 | 2444.250
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	---	---	9.7	dBm	Info
Peak Power	---	---	9.332543	mW	Info
Frequency at Peak	---	---	2440.961	MHz	Info



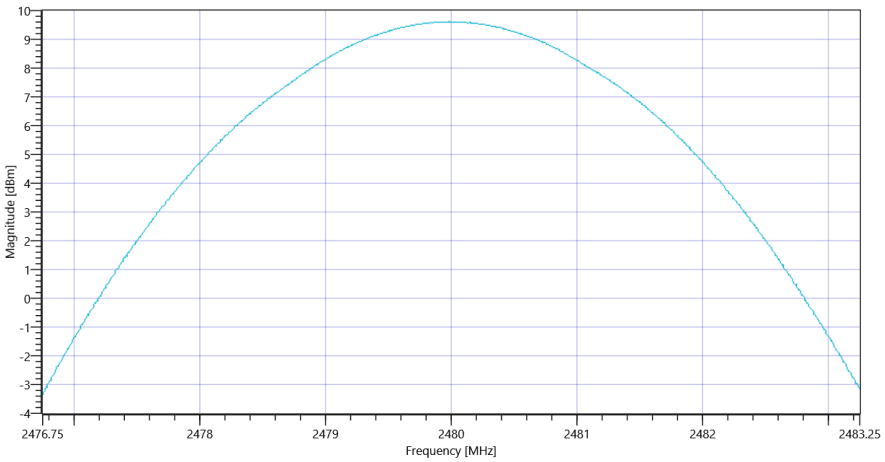
Plot_Common2G4 Peak OP 3MHz-3MHz ~ BT Classic EDR 8DPSK_09122020_153455.png

Test at TX 2480 MHz

BT Classic Connection check					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Connection result	---	---	---	---	TCON

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	18.46 | 10.85 | 25
Start [MHz] | Stop [MHz]	2476.750 | 2483.250
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	---	---	9.61	dBm	Info
Peak Power	---	---	9.141132	mW	Info
Frequency at Peak	---	---	2479.98	MHz	Info



Plot_Common2G4 Peak OP 3MHz-3MHz ~ BT Classic EDR 8DPSK_09122020_153521.png

TEST FINISHED		
General Verdict	09.12.2020 15:35:21 / RT: 85 s	PASS

4. FCC Part 15.247 Bandwidth 99PCT-20dB ~ BT Classic Basic rate

Test References	
TC Start	09.12.2020 14:55:36
Ambit Temp [°C] | Humidity [rel%]	22.8 | 27
System Version	1.0.1.2
Test Specification	FCC Part 15.247
Test Method	
Class / TC Version	TC_VM_FCC15247_Bandwidth_99PCT_20dB_DTS_FHSS_V01 Version: 0.0.2
My Description	FCC 15.247 Bandwidth 99PCT - 20dB FHSS - BT Classic Basic Rate
Add. Information	

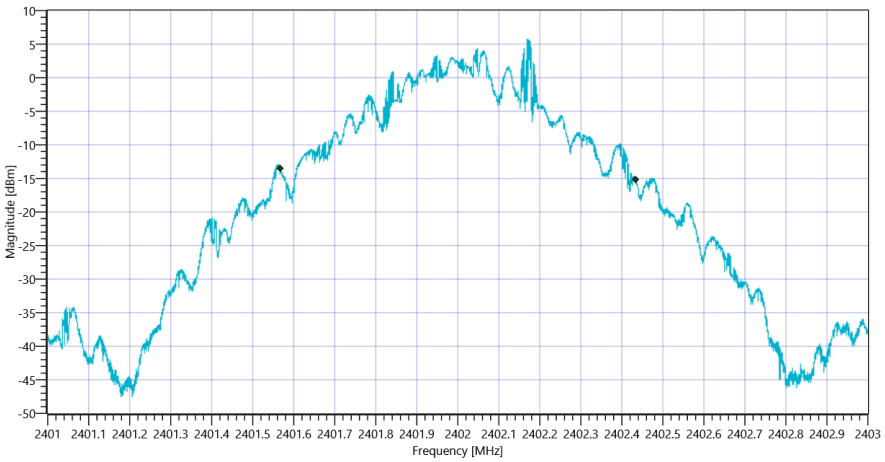
Test Parameter	
Technology to test	BT Classic Basic rate
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	True | Freq [MHz] 2402
Frequency mid to test	True | Freq [MHz] 2441
Frequency high to test	True | Freq [MHz] 2480
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SigBT: Rohde&Schwarz,CMW,1201.0002k75/100683,3.7.170 | SA: Rohde&Schwarz,FSV-30,1321.3008K30/103809,3.70

Test at TX 2402 MHz

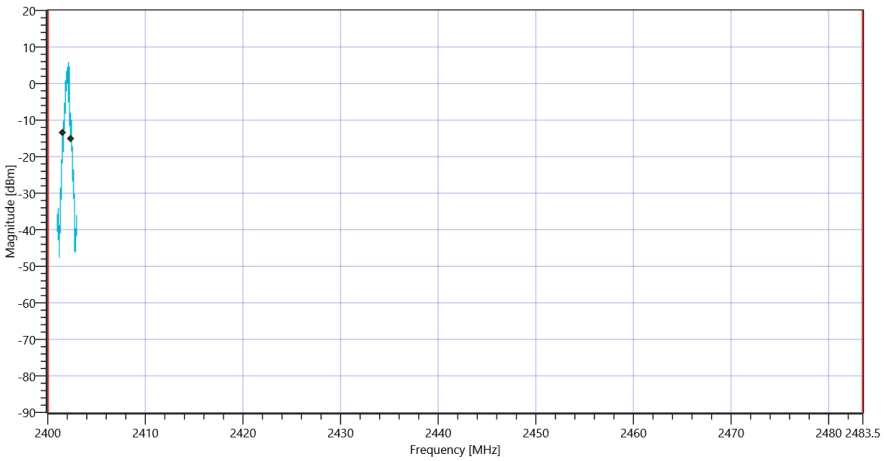
BT Classic Connection check					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Connection result	---	---	---	---	TCON

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	12.49 | 10.79 | 20
Start [MHz] | Stop [MHz]	2401.000 | 2403.000
RBW [MHz] | VBW [MHz]	0.020000 | 0.100000
Detector | TraceMode	POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	50 | 200 | 10001 | SWE

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	867	kHz	INFO
T1 99%	2400.000000	---	2401.5680	MHz	PASS
T2 99%	---	2483.500000	2402.4348	MHz	PASS



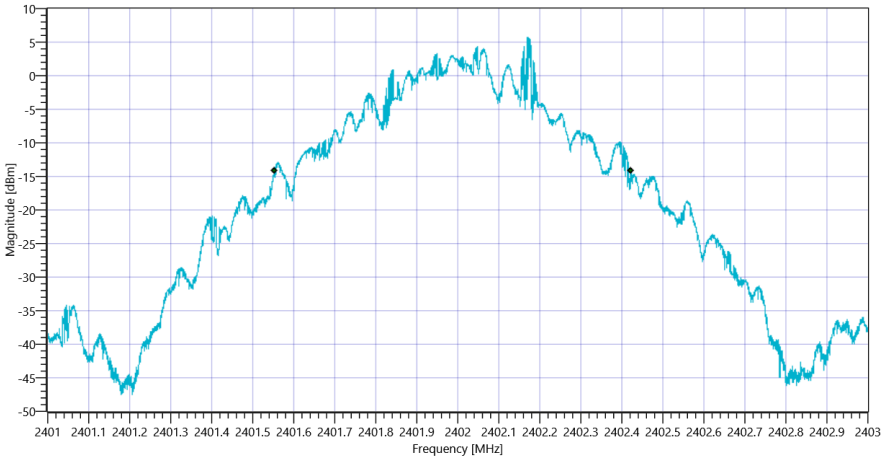
Plot_FCC Part 15.247 Bandwidth 99PCT-20dB ~ BT Classic Basic rate 99PCT_09122020_145608.png



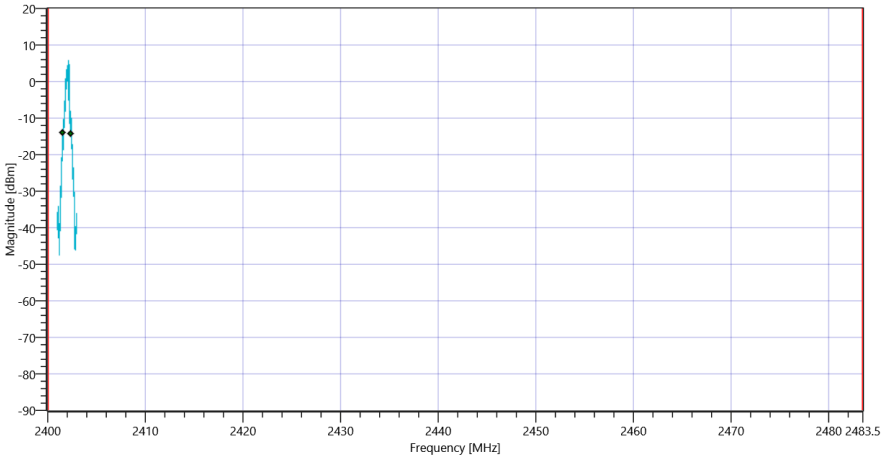
Plot_FCC Part 15.247 Bandwidth 99PCT-20dB ~ BT Classic Basic rate_09122020_145611.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 20dB	---	---	870	kHz	INFO
T1 20DB	2400.000000	---	2401.5528	MHz	PASS

T2 20dB	---	2483.500000	2402.4224	MHz	PASS



Plot_FCC Part 15.247 Bandwidth 99PCT-20dB ~ BT Classic Basic rate 20dB_09122020_145616.png



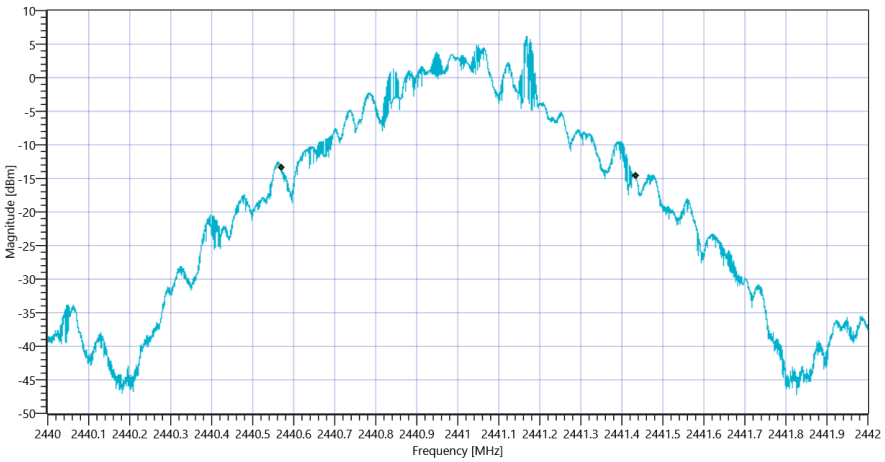
Plot_FCC Part 15.247 Bandwidth 99PCT-20dB ~ BT Classic Basic rate_09122020_145619.png

Test at TX 2441 MHz

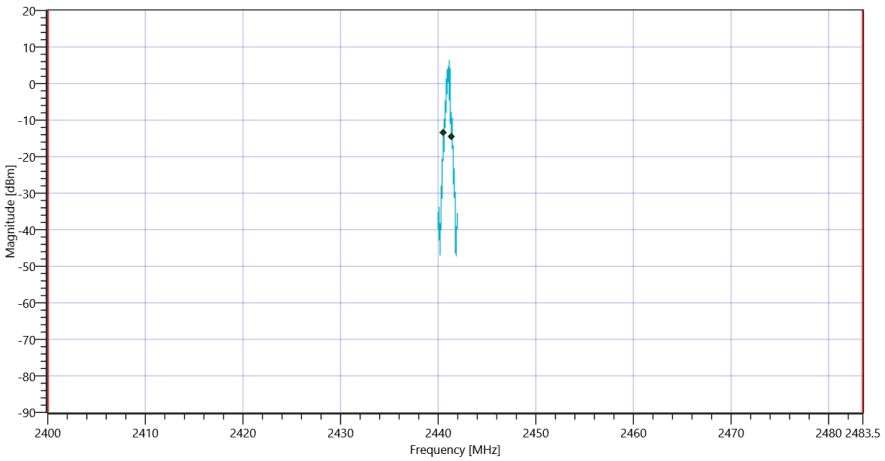
BT Classic Connection check					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Connection result	---	---	---	---	TCON

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	12.97 | 10.8 | 20
Start [MHz] | Stop [MHz]	2440.000 | 2442.000
RBW [MHz] | VBW [MHz]	0.020000 | 0.100000
Detector | TraceMode	POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	50 | 200 | 10001 | SWE

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	864	kHz	INFO
T1 99%	2400.000000	---	2440.5694	MHz	PASS
T2 99%	---	2483.500000	2441.4336	MHz	PASS



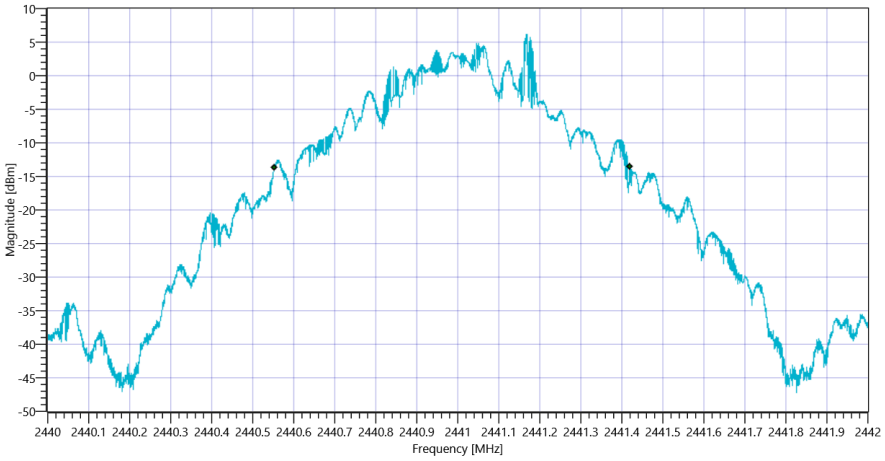
Plot_FCC Part 15.247 Bandwidth 99PCT-20dB ~ BT Classic Basic rate 99PCT_09122020_145646.png



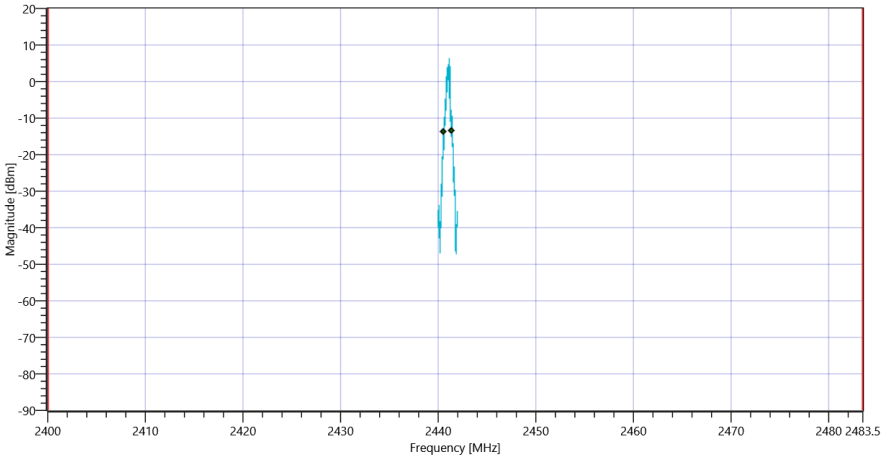
Plot_FCC Part 15.247 Bandwidth 99PCT-20dB ~ BT Classic Basic rate_09122020_145650.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 20dB	---	---	868	kHz	INFO
T1 20DB	2400.000000	---	2440.5528	MHz	PASS

T2 20dB	---	2483.500000	2441.4208	MHz	PASS



Plot_FCC Part 15.247 Bandwidth 99PCT-20dB ~ BT Classic Basic rate 20dB_09122020_145655.png



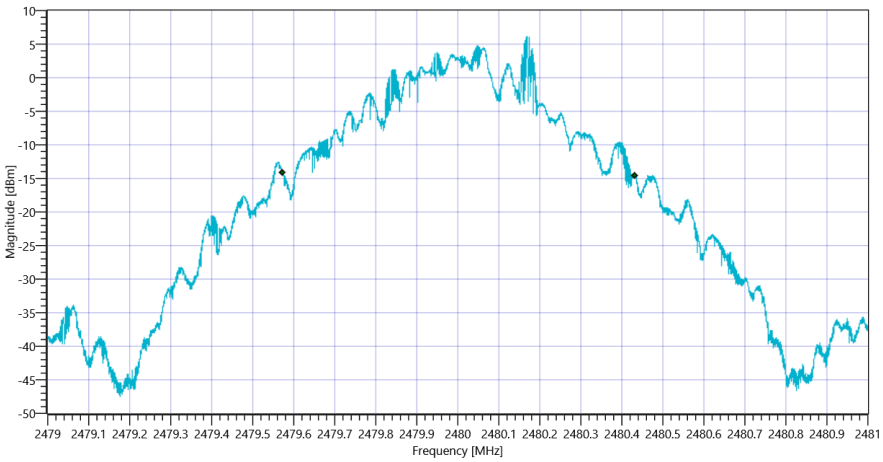
Plot_FCC Part 15.247 Bandwidth 99PCT-20dB ~ BT Classic Basic rate_09122020_145658.png

Test at TX 2480 MHz

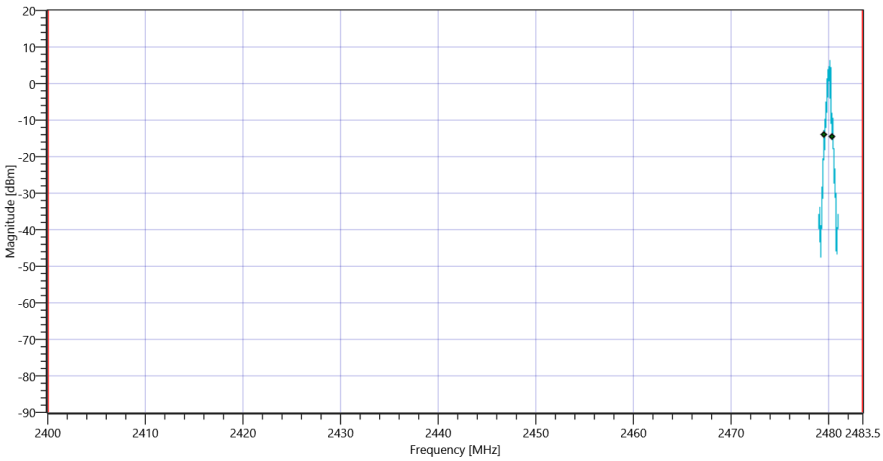
BT Classic Connection check					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Connection result	---	---	---	---	TCON

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	12.87 | 10.85 | 20
Start [MHz] | Stop [MHz]	2479.000 | 2481.000
RBW [MHz] | VBW [MHz]	0.020000 | 0.100000
Detector | TraceMode	POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	50 | 200 | 10001 | SWE

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	859	kHz	INFO
T1 99%	2400.000000	---	2479.5716	MHz	PASS
T2 99%	---	2483.500000	2480.4310	MHz	PASS



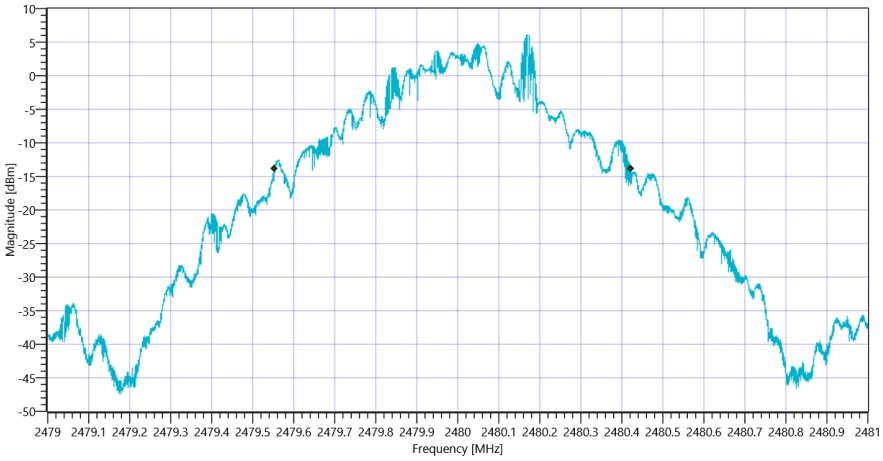
Plot_FCC Part 15.247 Bandwidth 99PCT-20dB ~ BT Classic Basic rate 99PCT_09122020_145726.png



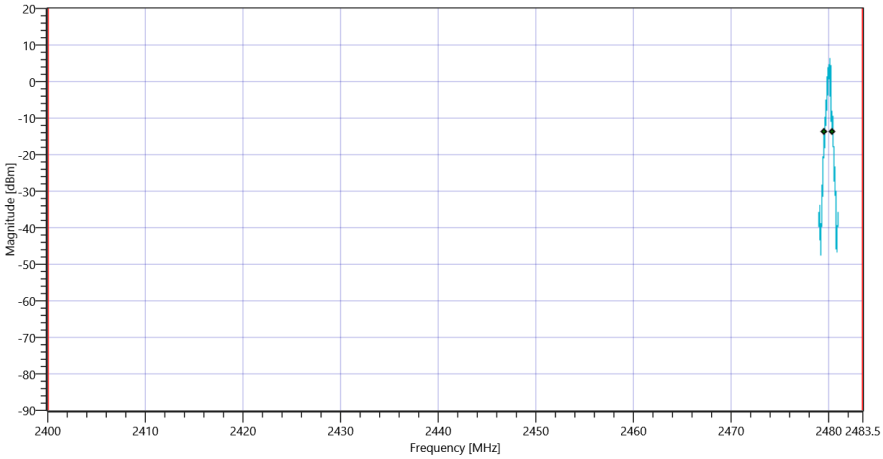
Plot_FCC Part 15.247 Bandwidth 99PCT-20dB ~ BT Classic Basic rate_09122020_145730.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 20dB	---	---	868	kHz	INFO
T1 20DB	2400.000000	---	2479.5534	MHz	PASS

T2 20dB	---	2483.500000	2480.4212	MHz	PASS



Plot_FCC Part 15.247 Bandwidth 99PCT-20dB ~ BT Classic Basic rate 20dB_09122020_145735.png



Plot_FCC Part 15.247 Bandwidth 99PCT-20dB ~ BT Classic Basic rate_09122020_145738.png

TEST FINISHED		
General Verdict	09.12.2020 14:57:39 / RT: 122 s	PASS

5. FCC Part 15.247 Bandwidth 99PCT-20dB ~ BT Classic EDR Pi/4DQPSK

Test References	
TC Start	09.12.2020 15:17:05
Ambit Temp [°C] | Humidity [rel%]	22.8 | 27
System Version	1.0.1.2
Test Specification	FCC Part 15.247
Test Method	
Class / TC Version	TC_VM_FCC15247_Bandwidth_99PCT_20dB_DTS_FHSS_V01 Version: 0.0.2
My Description	FCC 15.247 Bandwidth 99PCT - 20dB FHSS - BT Classic EDR Pi/4DQPSK
Add. Information	

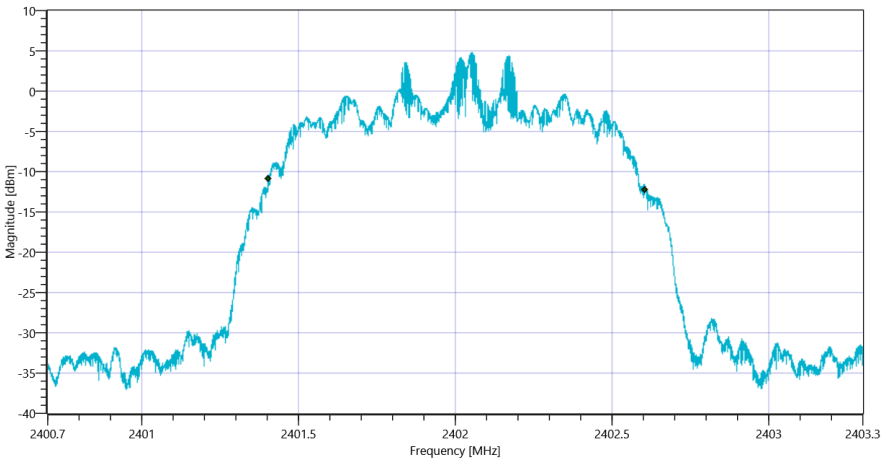
Test Parameter	
Technology to test	BT Classic EDR Pi/4DQPSK
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	True | Freq [MHz] 2402
Frequency mid to test	True | Freq [MHz] 2441
Frequency high to test	True | Freq [MHz] 2480
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SigBT: Rohde&Schwarz,CMW,1201.0002k75/100683,3.7.170 | SA: Rohde&Schwarz,FSV-30,1321.3008K30/103809,3.70

Test at TX 2402 MHz

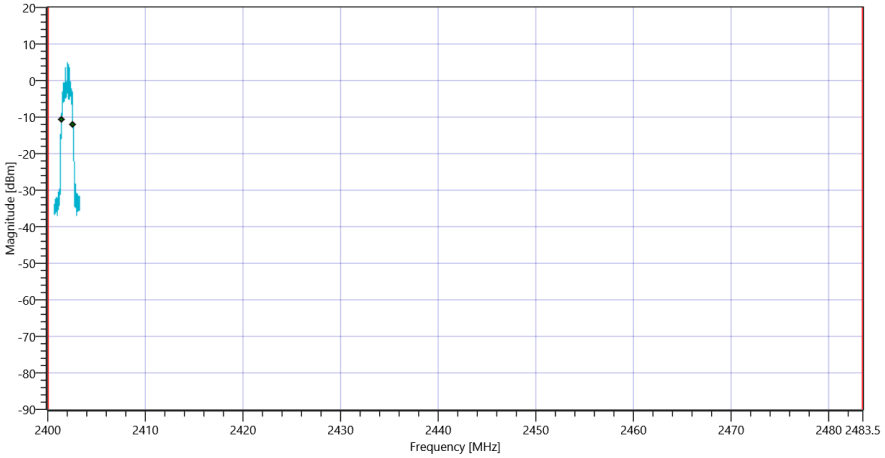
BT Classic Connection check					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Connection result	---	---	---	---	TCON

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	12.70 | 10.79 | 20
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%	---	---	1200	kHz	INFO
T1 99%	2400.000000	---	2401.4054	MHz	PASS
T2 99%	---	2483.500000	2402.6055	MHz	PASS



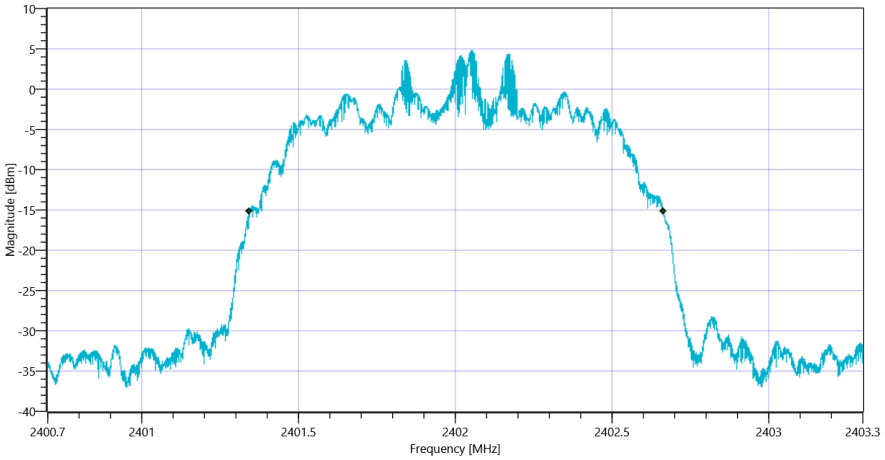
Plot_FCC Part 15.247 Bandwidth 99PCT-20dB ~ BT Classic EDR Pi-4DQPSK 99PCT_09122020_151737.png



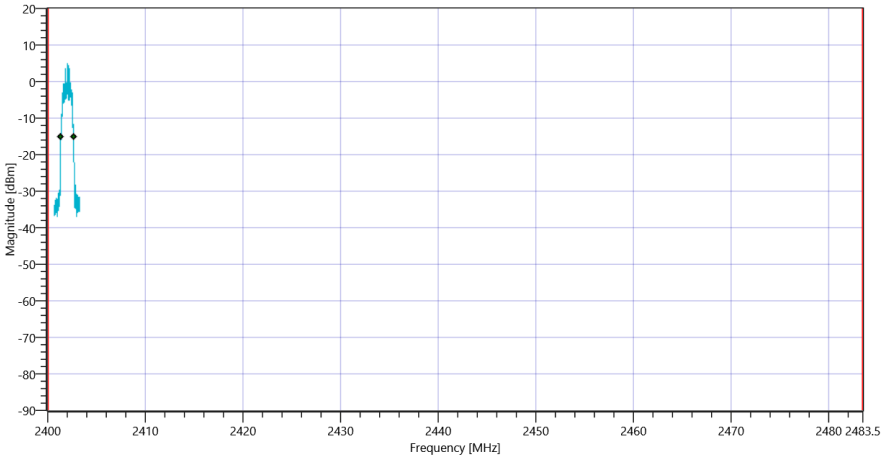
Plot_FCC Part 15.247 Bandwidth 99PCT-20dB ~ BT Classic EDR Pi-4DQPSK_09122020_151740.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 20dB	---	---	1321	kHz	INFO
T1 20DB	2400.000000	---	2401.3435	MHz	PASS

T2 20dB	---	2483.500000	2402.6648	MHz	PASS



Plot_FCC Part 15.247 Bandwidth 99PCT-20dB ~ BT Classic EDR Pi-4DQPSK 20dB_09122020_151745.png



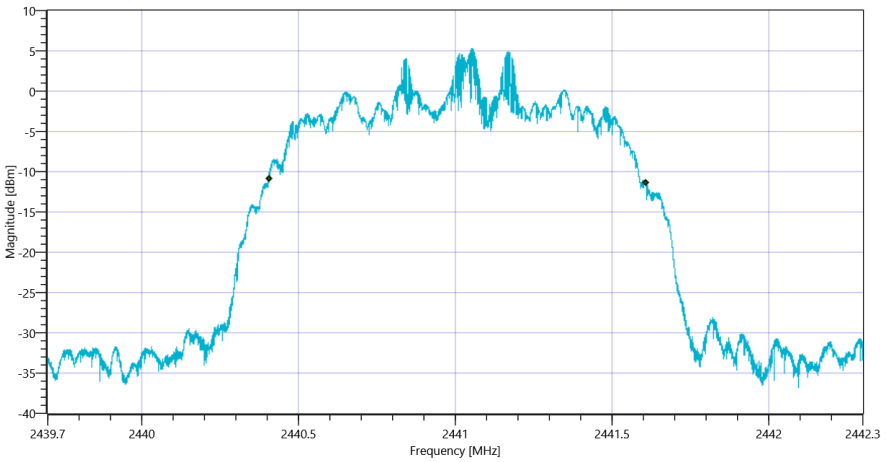
Plot_FCC Part 15.247 Bandwidth 99PCT-20dB ~ BT Classic EDR Pi-4DQPSK_09122020_151748.png

Test at TX 2441 MHz

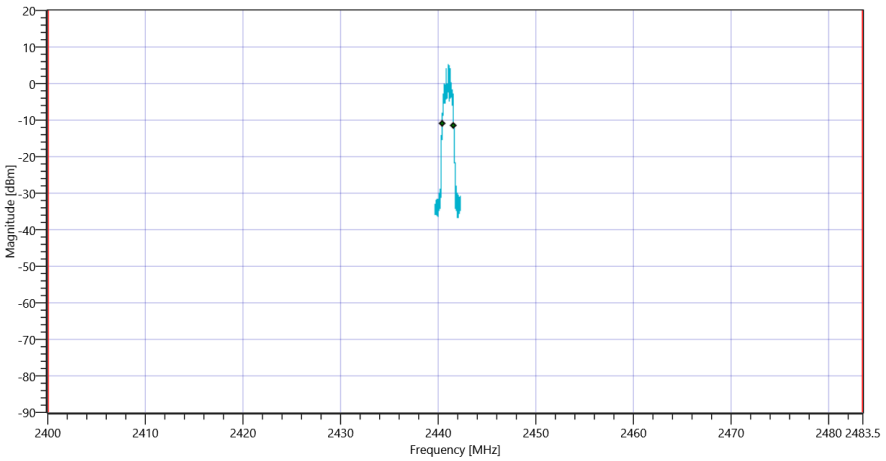
BT Classic Connection check					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Connection result	---	---	---	---	TCON

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	13.33 | 10.8 | 20
Start [MHz] | Stop [MHz]	2439.700 | 2442.300
RBW [MHz] | VBW [MHz]	0.030000 | 0.100000
Detector | TraceMode	POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	50 | 200 | 10001 | SWE

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	1201	kHz	INFO
T1 99%	2400.000000	---	2440.4060	MHz	PASS
T2 99%	---	2483.500000	2441.6073	MHz	PASS



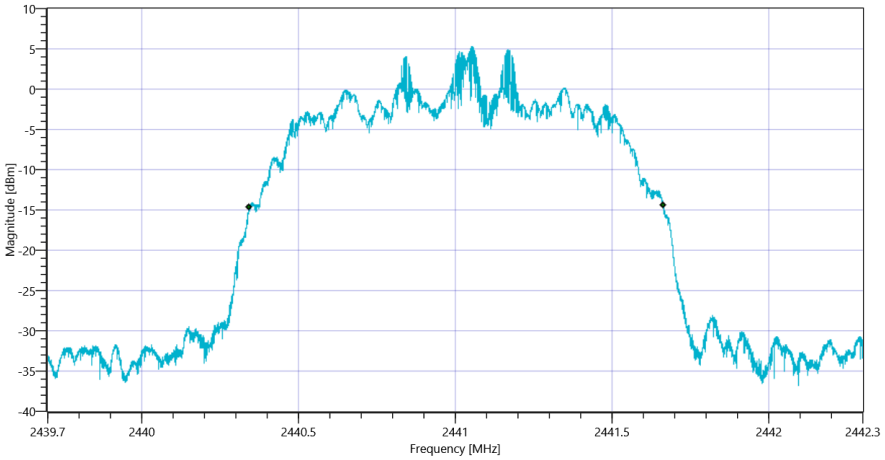
Plot_FCC Part 15.247 Bandwidth 99PCT-20dB ~ BT Classic EDR Pi-4DQPSK 99PCT_09122020_151815.png



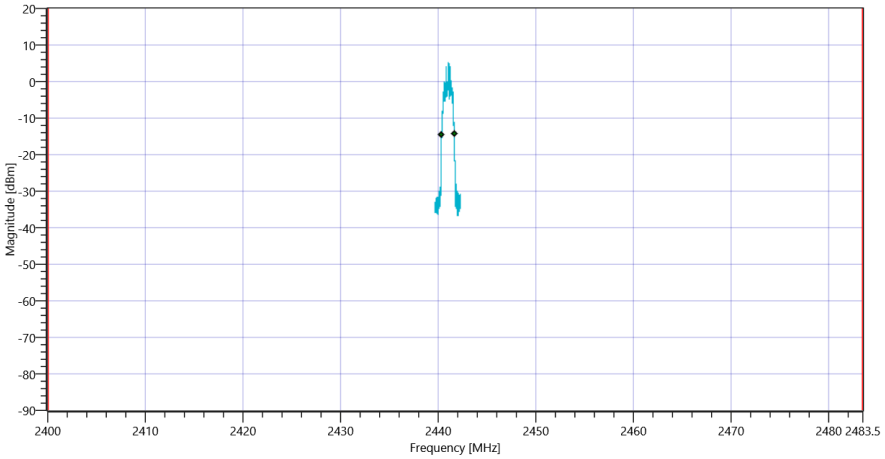
Plot_FCC Part 15.247 Bandwidth 99PCT-20dB ~ BT Classic EDR Pi-4DQPSK_09122020_151819.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 20dB	---	---	1321	kHz	INFO
T1 20DB	2400.000000	---	2440.3440	MHz	PASS

T2 20dB	---	2483.500000	2441.6646	MHz	PASS



Plot_FCC Part 15.247 Bandwidth 99PCT-20dB ~ BT Classic EDR Pi-4DQPSK 20dB_09122020_151824.png



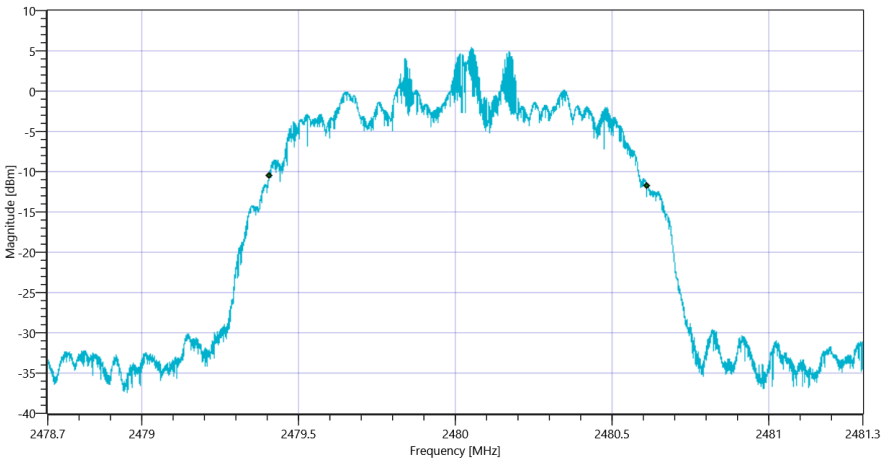
Plot_FCC Part 15.247 Bandwidth 99PCT-20dB ~ BT Classic EDR Pi-4DQPSK_09122020_151827.png

Test at TX 2480 MHz

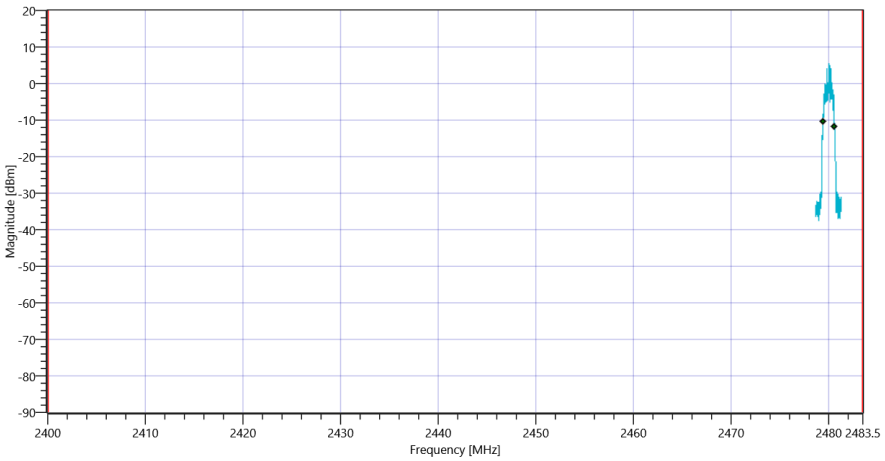
BT Classic Connection check					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Connection result	---	---	---	---	TCON

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	13.08 | 10.85 | 20
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%	---	---	1204	kHz	INFO
T1 99%	2400.000000	---	2479.4065	MHz	PASS
T2 99%	---	2483.500000	2480.6107	MHz	PASS



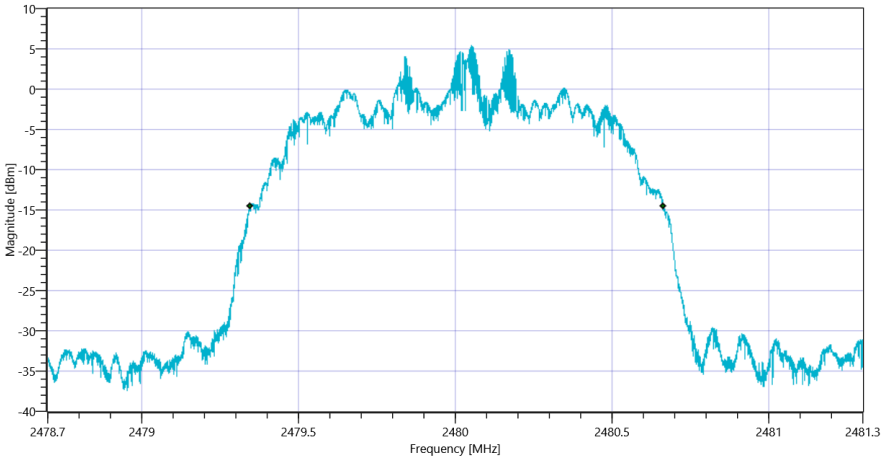
Plot_FCC Part 15.247 Bandwidth 99PCT-20dB ~ BT Classic EDR Pi-4DQPSK 99PCT_09122020_151856.png



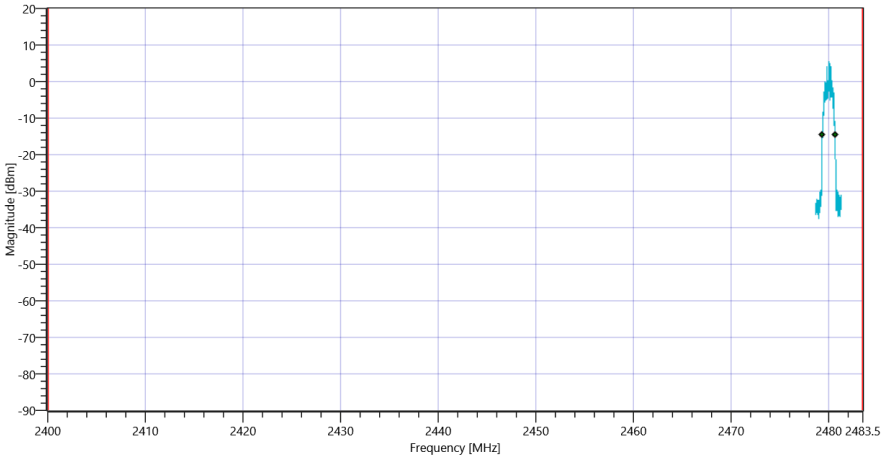
Plot_FCC Part 15.247 Bandwidth 99PCT-20dB ~ BT Classic EDR Pi-4DQPSK_09122020_151900.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 20dB	---	---	1318	kHz	INFO
T1 20DB	2400.000000	---	2479.3464	MHz	PASS

T2 20dB	---	2483.500000	2480.6646	MHz	PASS



Plot_FCC Part 15.247 Bandwidth 99PCT-20dB ~ BT Classic EDR Pi-4DQPSK 20dB_09122020_151905.png



Plot_FCC Part 15.247 Bandwidth 99PCT-20dB ~ BT Classic EDR Pi-4DQPSK_09122020_151909.png

TEST FINISHED		
General Verdict	09.12.2020 15:19:09 / RT: 124 s	PASS

6. FCC Part 15.247 Bandwidth 99PCT-20dB ~ BT Classic EDR 8DPSK

Test References	
TC Start	09.12.2020 15:39:47
Ambit Temp [°C] | Humidity [rel%]	22.8 | 27
System Version	1.0.1.2
Test Specification	FCC Part 15.247
Test Method	
Class / TC Version	TC_VM_FCC15247_Bandwidth_99PCT_20dB_DTS_FHSS_V01 Version: 0.0.2
My Description	FCC 15.247 Bandwidth 99PCT - 20dB FHSS - BT Classic EDR 8DPSK
Add. Information	

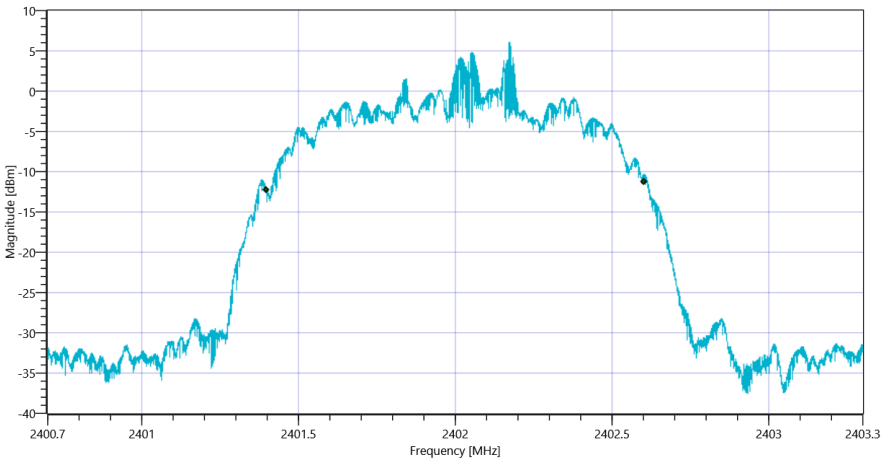
Test Parameter	
Technology to test	BT Classic EDR 8DPSK
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	True | Freq [MHz] 2402
Frequency mid to test	True | Freq [MHz] 2441
Frequency high to test	True | Freq [MHz] 2480
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SigBT: Rohde&Schwarz,CMW,1201.0002k75/100683,3.7.170 | SA: Rohde&Schwarz,FSV-30,1321.3008K30/103809,3.70

Test at TX 2402 MHz

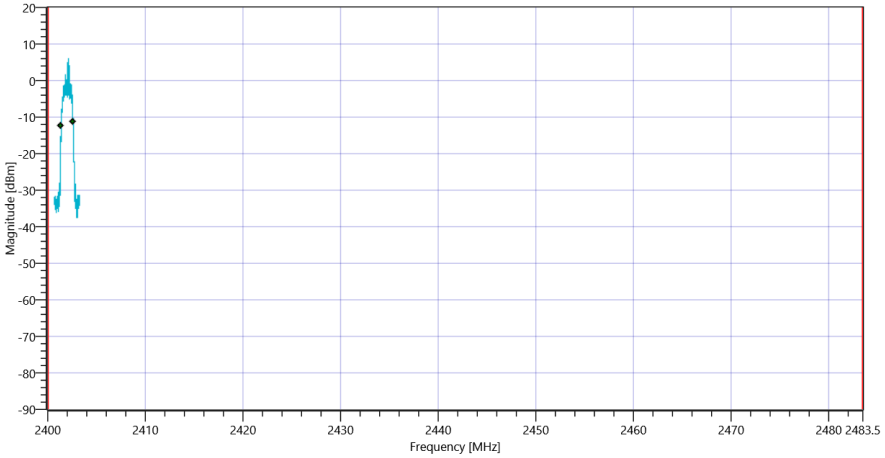
BT Classic Connection check					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Connection result	---	---	---	---	TCON

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	12.93 | 10.79 | 20
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%	---	---	1207	kHz	INFO
T1 99%	2400.000000	---	2401.3961	MHz	PASS
T2 99%	---	2483.500000	2402.6034	MHz	PASS



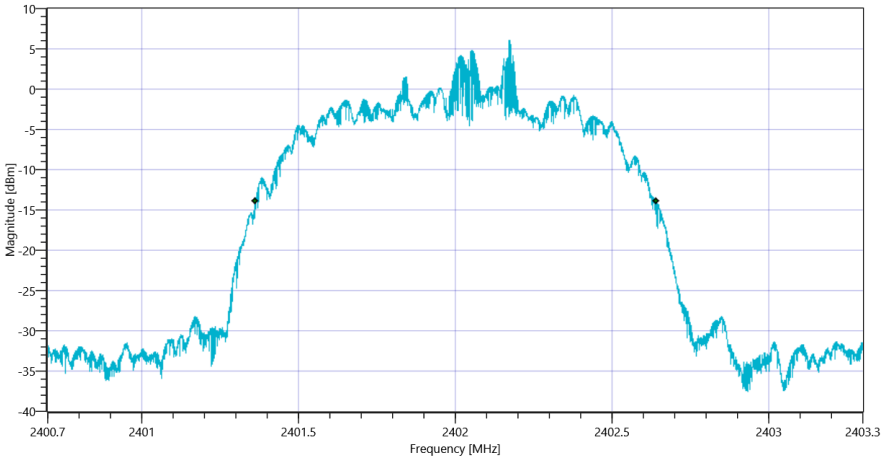
Plot_FCC Part 15.247 Bandwidth 99PCT-20dB ~ BT Classic EDR 8DPSK 99PCT_09122020_154020.png



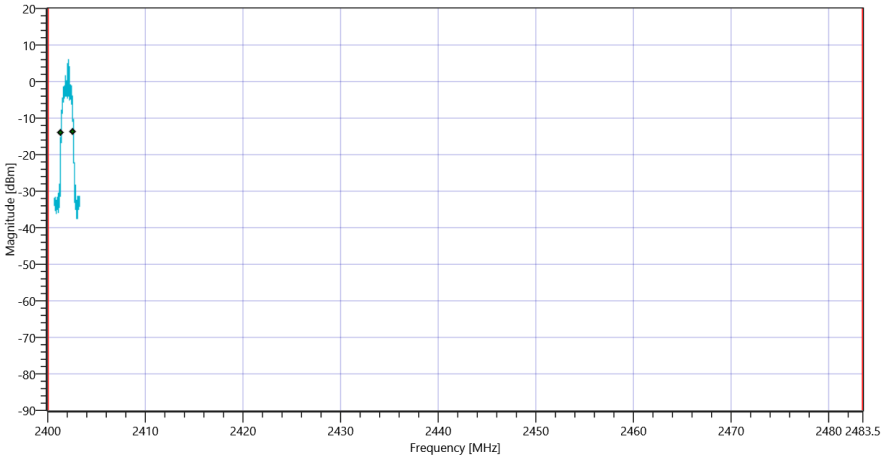
Plot_FCC Part 15.247 Bandwidth 99PCT-20dB ~ BT Classic EDR 8DPSK_09122020_154024.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 20dB	---	---	1278	kHz	INFO
T1 20DB	2400.000000	---	2401.3630	MHz	PASS

T2 20dB	---	2483.500000	2402.6414	MHz	PASS



Plot_FCC Part 15.247 Bandwidth 99PCT-20dB ~ BT Classic EDR 8DPSK 20dB_09122020_154028.png



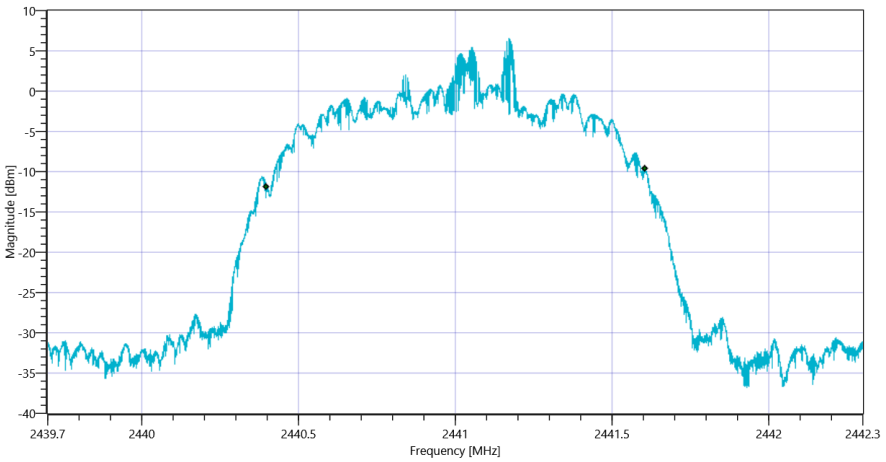
Plot_FCC Part 15.247 Bandwidth 99PCT-20dB ~ BT Classic EDR 8DPSK_09122020_154032.png

Test at TX 2441 MHz

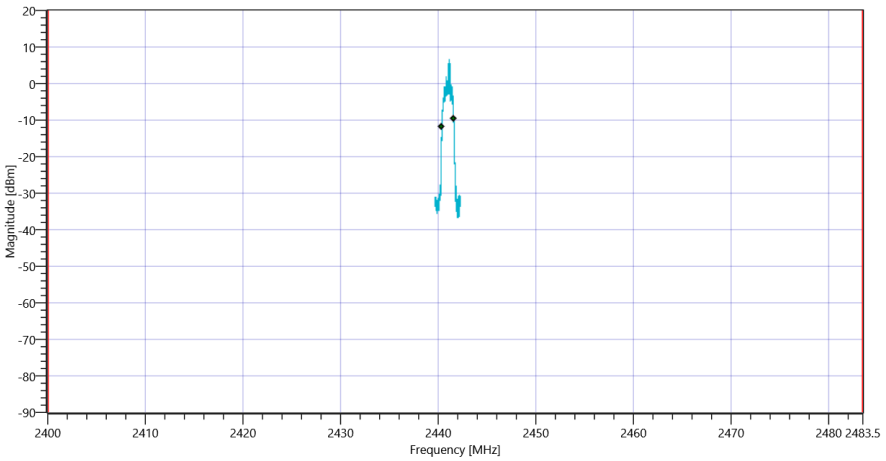
BT Classic Connection check					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Connection result	---	---	---	---	TCON

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	13.47 | 10.8 | 20
Start [MHz] | Stop [MHz]	2439.700 | 2442.300
RBW [MHz] | VBW [MHz]	0.030000 | 0.100000
Detector | TraceMode	POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	50 | 200 | 10001 | SWE

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	1205	kHz	INFO
T1 99%	2400.000000	---	2440.3989	MHz	PASS
T2 99%	---	2483.500000	2441.6044	MHz	PASS



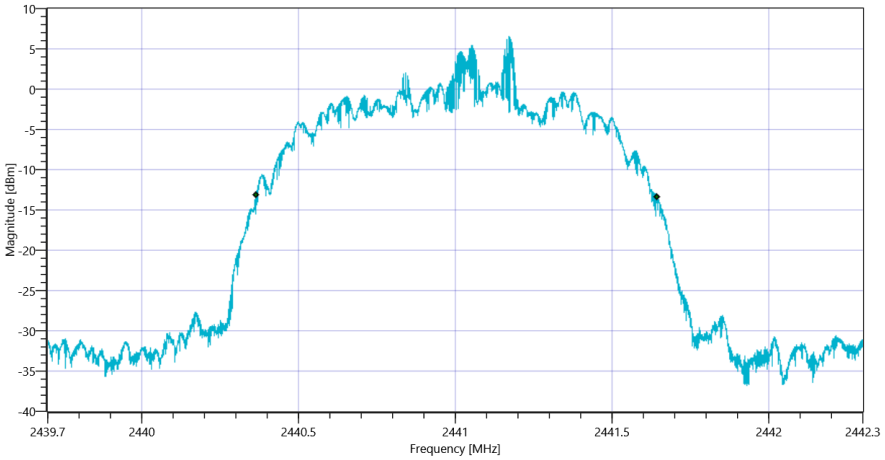
Plot_FCC Part 15.247 Bandwidth 99PCT-20dB ~ BT Classic EDR 8DPSK 99PCT_09122020_154059.png



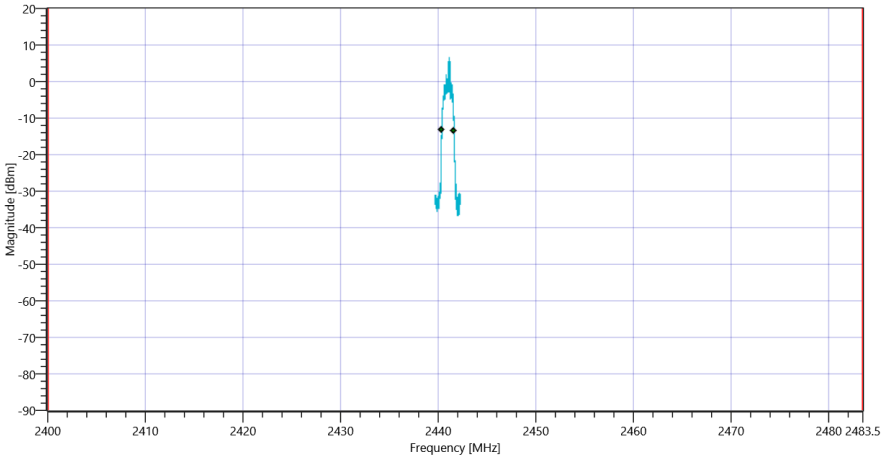
Plot_FCC Part 15.247 Bandwidth 99PCT-20dB ~ BT Classic EDR 8DPSK_09122020_154103.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 20dB	---	---	1282	kHz	INFO
T1 20DB	2400.000000	---	2440.3640	MHz	PASS

T2 20dB	---	2483.500000	2441.6456	MHz	PASS



Plot_FCC Part 15.247 Bandwidth 99PCT-20dB ~ BT Classic EDR 8DPSK 20dB_09122020_154108.png



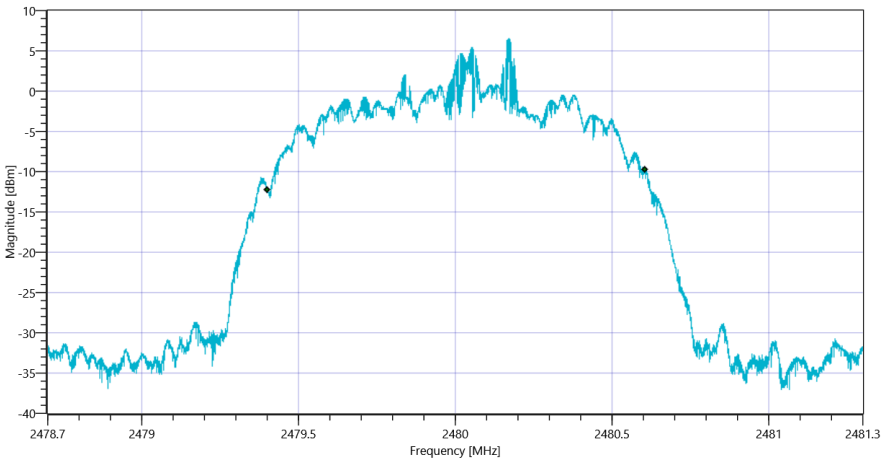
Plot_FCC Part 15.247 Bandwidth 99PCT-20dB ~ BT Classic EDR 8DPSK_09122020_154111.png

Test at TX 2480 MHz

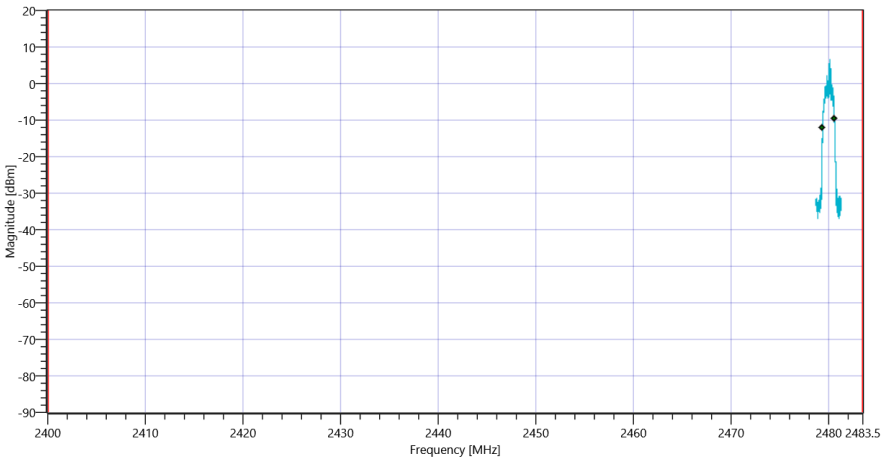
BT Classic Connection check					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Connection result	---	---	---	---	TCON

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	13.48 | 10.85 | 20
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%	---	---	1205	kHz	INFO
T1 99%	2400.000000	---	2479.4010	MHz	PASS
T2 99%	---	2483.500000	2480.6063	MHz	PASS



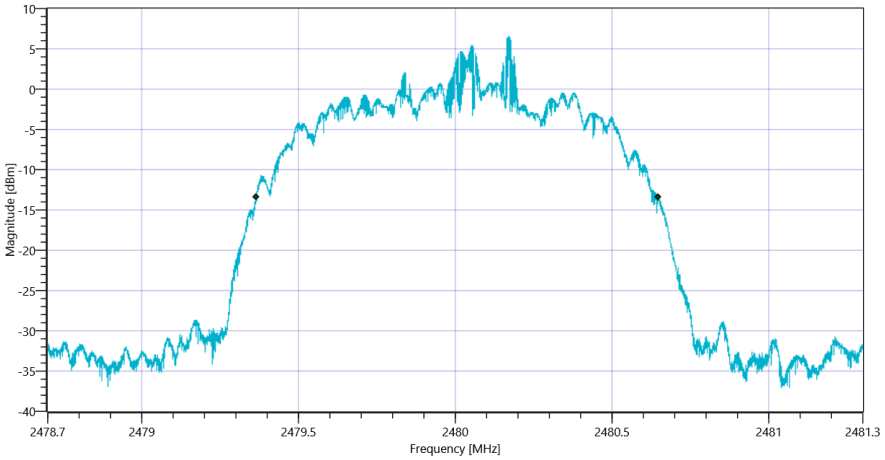
Plot_FCC Part 15.247 Bandwidth 99PCT-20dB ~ BT Classic EDR 8DPSK 99PCT_09122020_154140.png



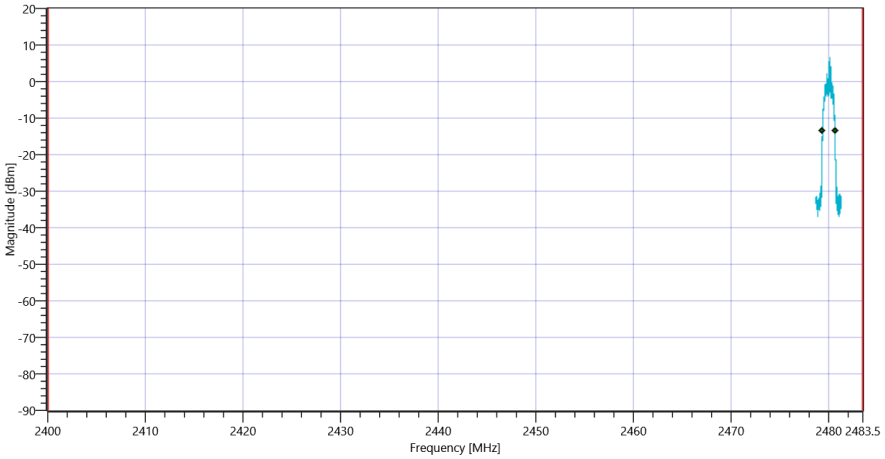
Plot_FCC Part 15.247 Bandwidth 99PCT-20dB ~ BT Classic EDR 8DPSK_09122020_154143.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 20dB	---	---	1283	kHz	INFO
T1 20DB	2400.000000	---	2479.3651	MHz	PASS

T2 20dB	---	2483.500000	2480.6479	MHz	PASS



Plot_FCC Part 15.247 Bandwidth 99PCT-20dB ~ BT Classic EDR 8DPSK 20dB_09122020_154148.png



Plot_FCC Part 15.247 Bandwidth 99PCT-20dB ~ BT Classic EDR 8DPSK_09122020_154152.png

TEST FINISHED		
General Verdict	09.12.2020 15:41:52 / RT: 125 s	PASS

7. FCC Part 15.247 TX Spurious Conduced ~ BT Classic Basic rate

Test References	
TC Start	09.12.2020 14:57:43
Ambit Temp [°C] | Humidity [rel%]	22.8 | 27
System Version	1.0.1.2
Test Specification	FCC Part 15.247
Test Method	IF DTS then 8.5 DTS emissions in non-restricted frequency bands: Subclause 11.11 of ANSI C63.10 is applicable.
Class / TC Version	TC_VM_FCC15247_TX_Emissions_Conducted_V01 Version: 0.0.1
My Description	FCC 15.247 TX Emissions Conducted FHSS - BT Classic Basic Rate
Add. Information	

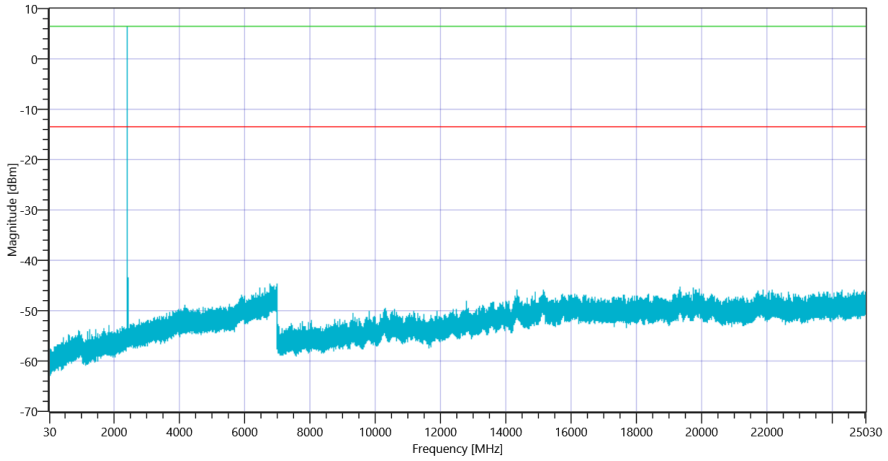
Test Parameter	
Technology to test	BT Classic Basic rate
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	True | Freq [MHz] 2402
Frequency mid to test	True | Freq [MHz] 2441
Frequency high to test	True | Freq [MHz] 2480
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SigBT: Rohde&Schwarz,CMW,1201.0002k75/100683,3.7.170 | SA: Rohde&Schwarz,FSV-30,1321.3008K30/103809,3.70

Test at TX 2402 MHz

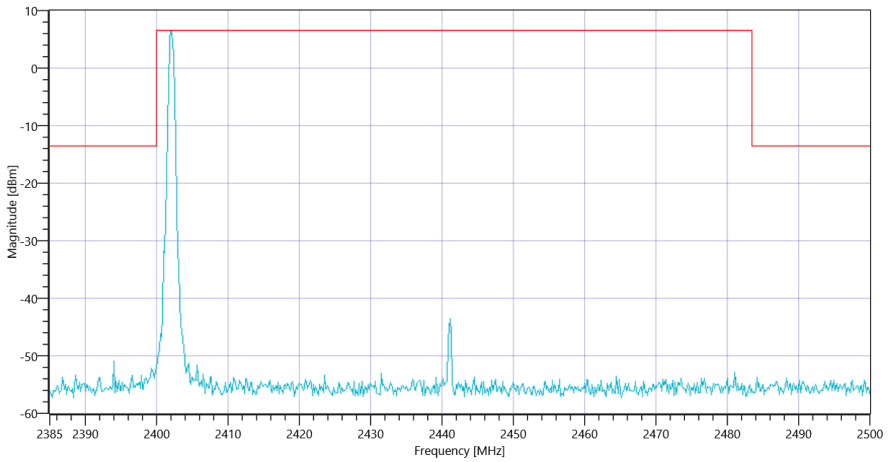
BT Classic Connection check					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Connection result	---	---	---	---	TCON

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	7.48 | 0 | 25
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	500 | 8 | 3001 | SWE

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Reference @ 2402.00 MHz	---	---	6.51	dBm	INFO
No peaks detected	---	---			PASS
Lowest margin to limit 6785.833 MHz	0	---	31.16	dB	INFO



Plot_FCC Part 15.247 TX Spurious Conduced ~ BT Classic Basic rate 2402_09122020_150235.png



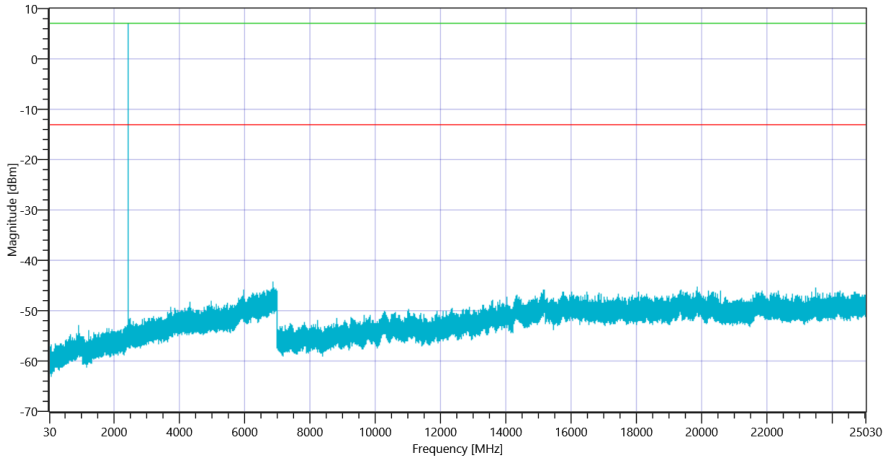
Plot_FCC Part 15.247 TX Spurious Conduced ~ BT Classic Basic rate 2402_09122020_150237.png

Test at TX 2441 MHz

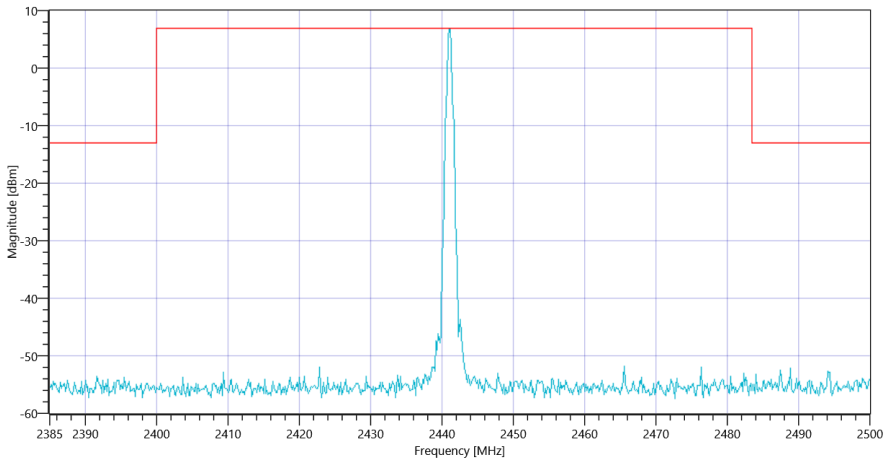
BT Classic Connection check					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Connection result	---	---	---	---	TCON

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	7.96 | 0 | 25
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	500 | 8 | 3001 | SWE

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Reference @ 2441.17 MHz	---	---	7.00	dBm	INFO
No peaks detected	---	---			PASS
Lowest margin to limit 6873.167 MHz	0	---	31.4	dB	INFO



Plot_FCC Part 15.247 TX Spurious Conduced ~ BT Classic Basic rate 2441_09122020_150725.png



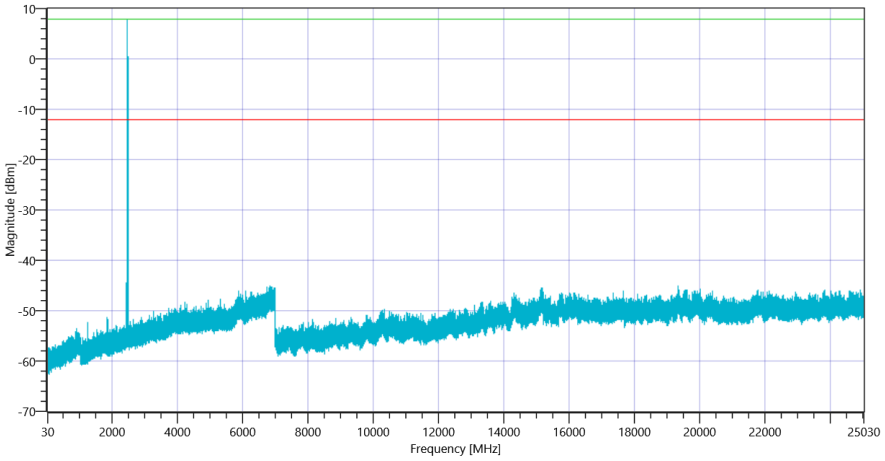
Plot_FCC Part 15.247 TX Spurious Conduced ~ BT Classic Basic rate 2441_09122020_150727.png

Test at TX 2480 MHz

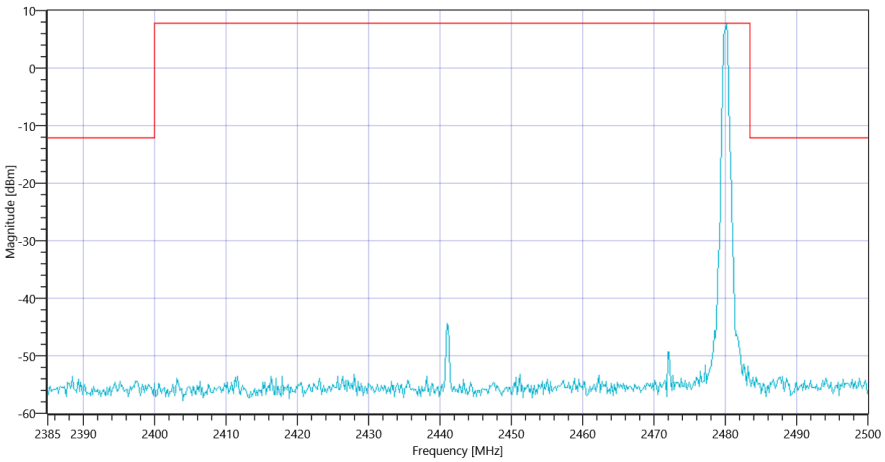
BT Classic Connection check					
Test Description	**Lower Limit**	**Upper Limit**	**Measured**	**Unit**	**Verdict**
Connection result	---	---	---	---	TCON

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	7.89 | 0 | 25
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	500 | 8 | 3001 | SWE

RESULT					
Test Description	**Lower Limit**	**Upper Limit**	**Measured**	**Unit**	**Verdict**
Reference @ 2480.17 MHz	---	---	7.87	dBm	INFO
No peaks detected	---	---			PASS
Lowest margin to limit 6852.667 MHz	0	---	32.9	dB	INFO



Plot_FCC Part 15.247 TX Spurious Conduced ~ BT Classic Basic rate 2480_09122020_151215.png



Plot_FCC Part 15.247 TX Spurious Conduced ~ BT Classic Basic rate 2480_09122020_151217.png

TEST FINISHED		
General Verdict	09.12.2020 15:12:19 / RT: 875 s	PASS

8. FCC Part 15.247 TX Spurious Conduced ~ BT Classic EDR Pi/4DQPSK

Test References	
TC Start	09.12.2020 15:19:14
Ambit Temp [°C] | Humidity [rel%]	22.8 | 27
System Version	1.0.1.2
Test Specification	FCC Part 15.247
Test Method	IF DTS then 8.5 DTS emissions in non-restricted frequency bands: Subclause 11.11 of ANSI C63.10 is applicable.
Class / TC Version	TC_VM_FCC15247_TX_Emissions_Conducted_V01 Version: 0.0.1
My Description	FCC 15.247 TX Emissions Conducted FHSS - BT Classic EDR Pi/4DQPSK
Add. Information	

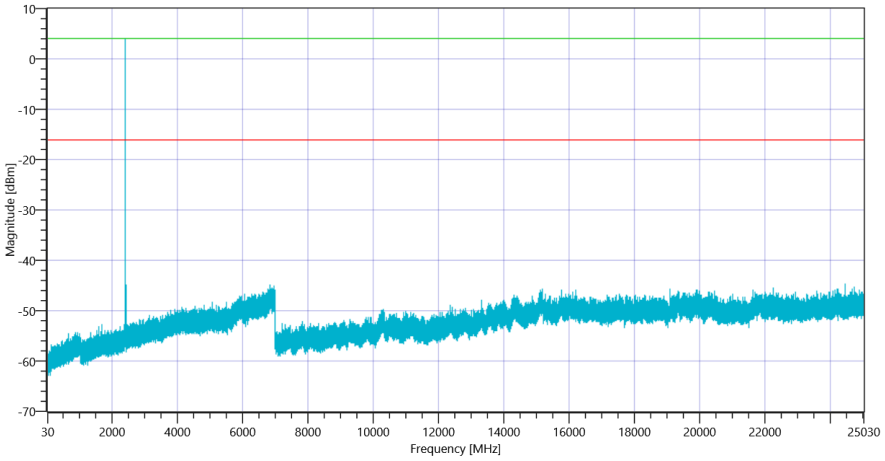
Test Parameter	
Technology to test	BT Classic EDR Pi/4DQPSK
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	True | Freq [MHz] 2402
Frequency mid to test	True | Freq [MHz] 2441
Frequency high to test	True | Freq [MHz] 2480
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SigBT: Rohde&Schwarz,CMW,1201.0002k75/100683,3.7.170 | SA: Rohde&Schwarz,FSV-30,1321.3008K30/103809,3.70

Test at TX 2402 MHz

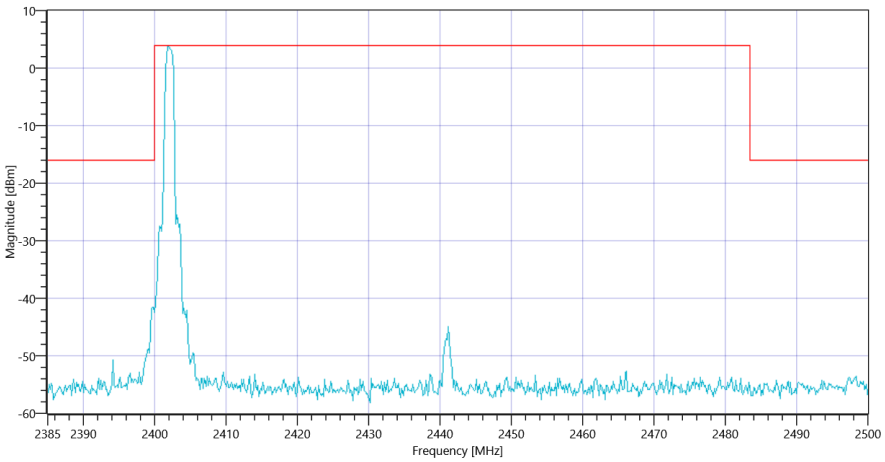
BT Classic Connection check					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Connection result	---	---	---	---	TCON

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	7.82 | 0 | 25
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	500 | 8 | 3001 | SWE

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Reference @ 2402.00 MHz	---	---	4.00	dBm	INFO
No peaks detected	---	---			PASS
Lowest margin to limit 2399.833 MHz	0	---	25.59	dB	INFO



Plot_FCC Part 15.247 TX Spurious Conduced ~ BT Classic EDR Pi-4DQPSK 2402_09122020_152407.png



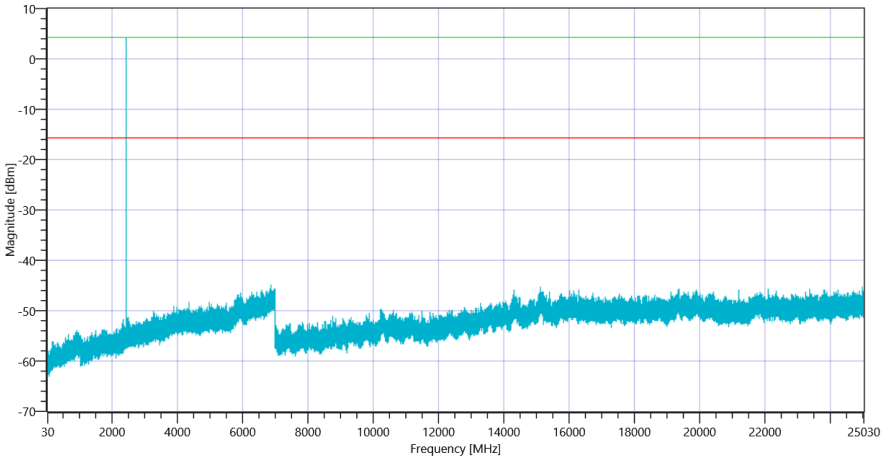
Plot_FCC Part 15.247 TX Spurious Conduced ~ BT Classic EDR Pi-4DQPSK 2402_09122020_152409.png

Test at TX 2441 MHz

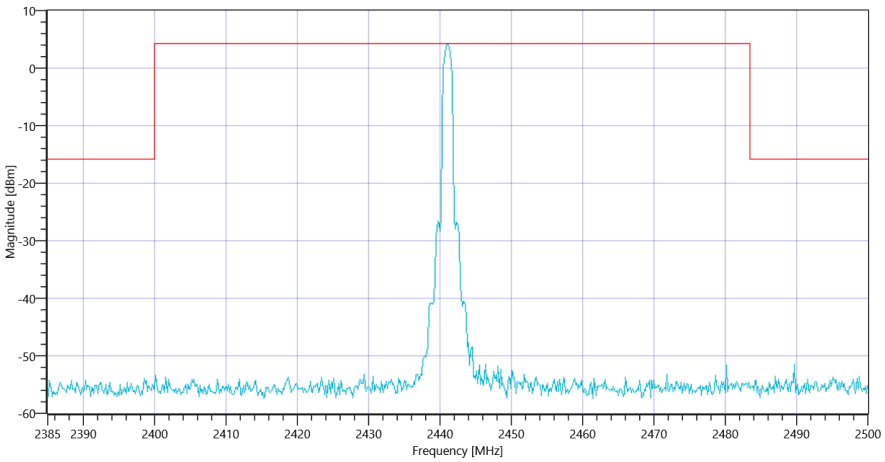
BT Classic Connection check					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Connection result	---	---	---	---	TCON

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	8.01 | 0 | 25
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	500 | 8 | 3001 | SWE

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Reference @ 2441.00 MHz	---	---	4.21	dBm	INFO
No peaks detected	---	---			PASS
Lowest margin to limit 30 MHz	0	---	-139.88	dB	INFO



Plot_FCC Part 15.247 TX Spurious Conduced ~ BT Classic EDR Pi-4DQPSK 2441_09122020_152857.png



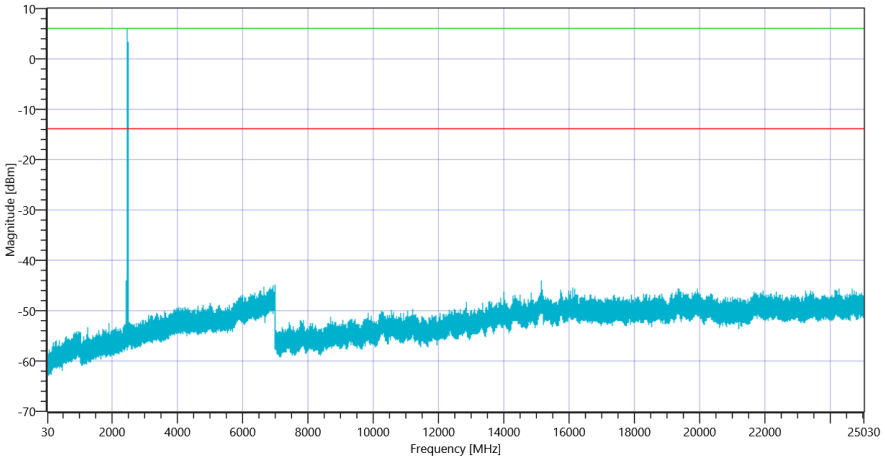
Plot_FCC Part 15.247 TX Spurious Conduced ~ BT Classic EDR Pi-4DQPSK 2441_09122020_152900.png

Test at TX 2480 MHz

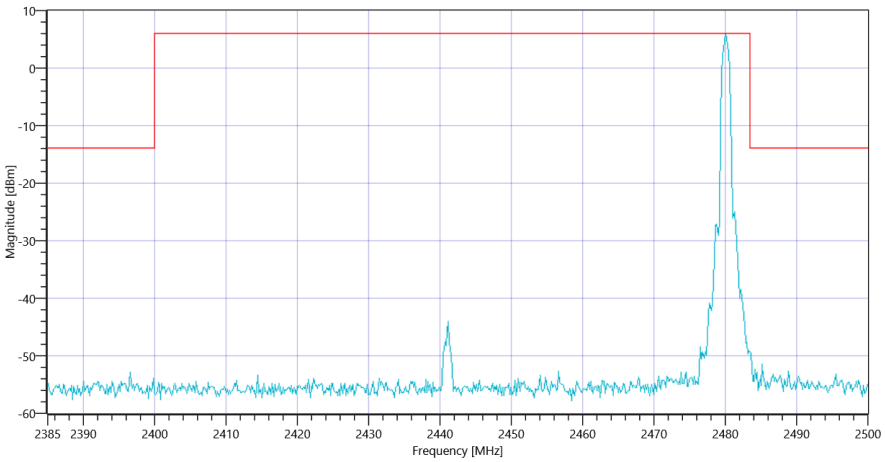
BT Classic Connection check					
Test Description	**Lower Limit**	**Upper Limit**	**Measured**	**Unit**	**Verdict**
Connection result	---	---	---	---	TCON

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	7.96 | 0 | 25
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	500 | 8 | 3001 | SWE

RESULT					
Test Description	**Lower Limit**	**Upper Limit**	**Measured**	**Unit**	**Verdict**
Reference @ 2480.00 MHz	---	---	6.07	dBm	INFO
No peaks detected	---	---			PASS
Lowest margin to limit 15144 MHz	0	---	30.14	dB	INFO



Plot_FCC Part 15.247 TX Spurious Conduced ~ BT Classic EDR Pi-4DQPSK 2480_09122020_153347.png



Plot_FCC Part 15.247 TX Spurious Conduced ~ BT Classic EDR Pi-4DQPSK 2480_09122020_153350.png

TEST FINISHED		
General Verdict	09.12.2020 15:33:51 / RT: 877 s	PASS

9. FCC Part 15.247 TX Spurious Conduced ~ BT Classic EDR 8DPSK

Test References	
TC Start	09.12.2020 15:41:57
Ambit Temp [°C] | Humidity [rel%]	22.8 | 27
System Version	1.0.1.2
Test Specification	FCC Part 15.247
Test Method	IF DTS then 8.5 DTS emissions in non-restricted frequency bands: Subclause 11.11 of ANSI C63.10 is applicable.
Class / TC Version	TC_VM_FCC15247_TX_Emissions_Conducted_V01 Version: 0.0.1
My Description	FCC 15.247 TX Emissions Conducted FHSS - BT Classic EDR 8DPSK
Add. Information	

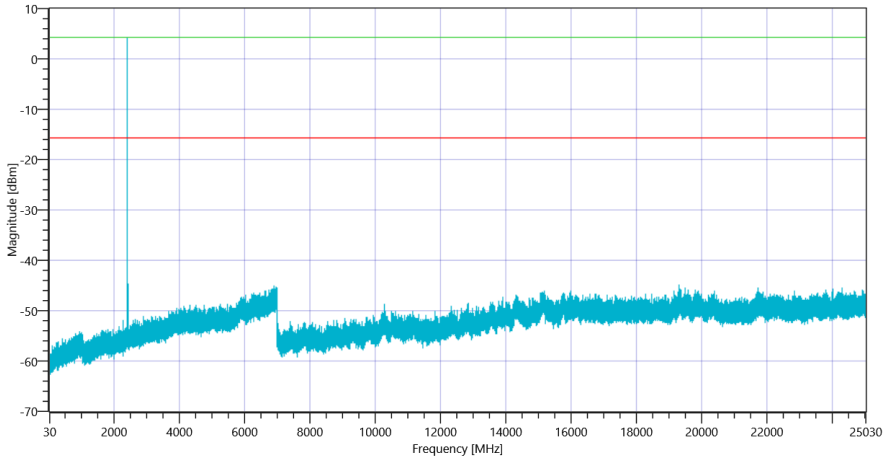
Test Parameter	
Technology to test	BT Classic EDR 8DPSK
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	True | Freq [MHz] 2402
Frequency mid to test	True | Freq [MHz] 2441
Frequency high to test	True | Freq [MHz] 2480
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SigBT: Rohde&Schwarz,CMW,1201.0002k75/100683,3.7.170 | SA: Rohde&Schwarz,FSV-30,1321.3008K30/103809,3.70

Test at TX 2402 MHz

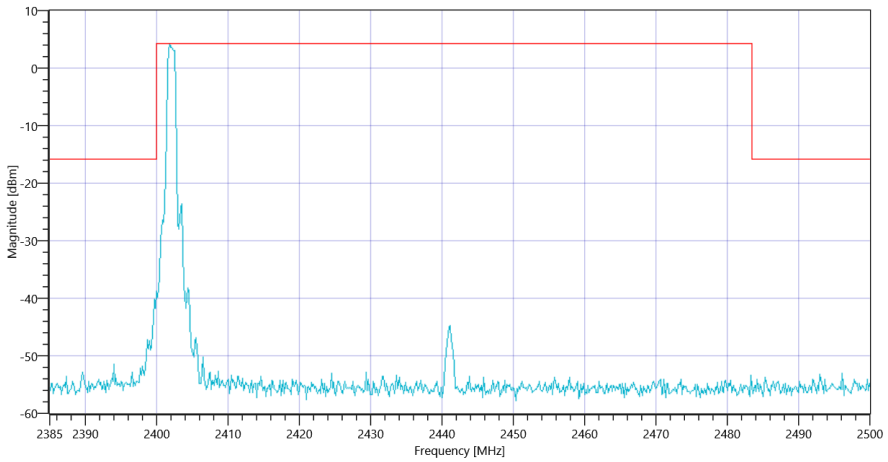
BT Classic Connection check					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Connection result	---	---	---	---	TCON

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	7.85 | 0 | 25
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	500 | 8 | 3001 | SWE

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Reference @ 2401.83 MHz	---	---	4.21	dBm	INFO
No peaks detected	---	---			PASS
Lowest margin to limit 2399.667 MHz	0	---	24.39	dB	INFO



Plot_FCC Part 15.247 TX Spurious Conduced ~ BT Classic EDR 8DPSK 2402_09122020_154649.png



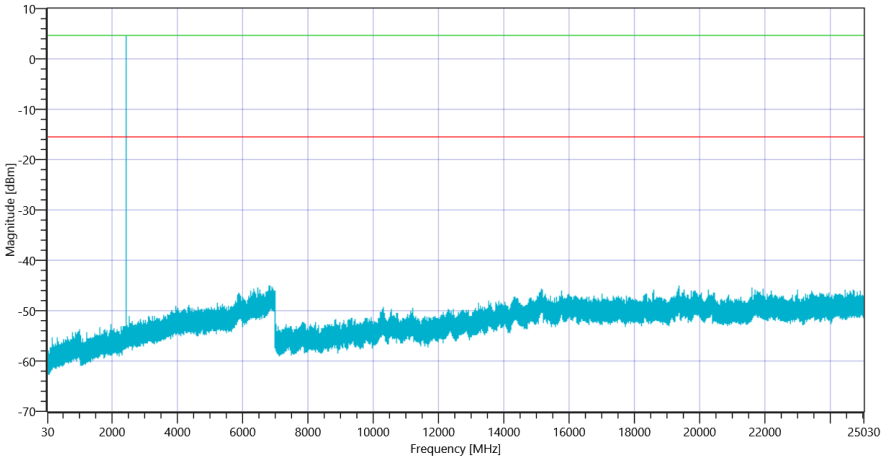
Plot_FCC Part 15.247 TX Spurious Conduced ~ BT Classic EDR 8DPSK 2402_09122020_154652.png

Test at TX 2441 MHz

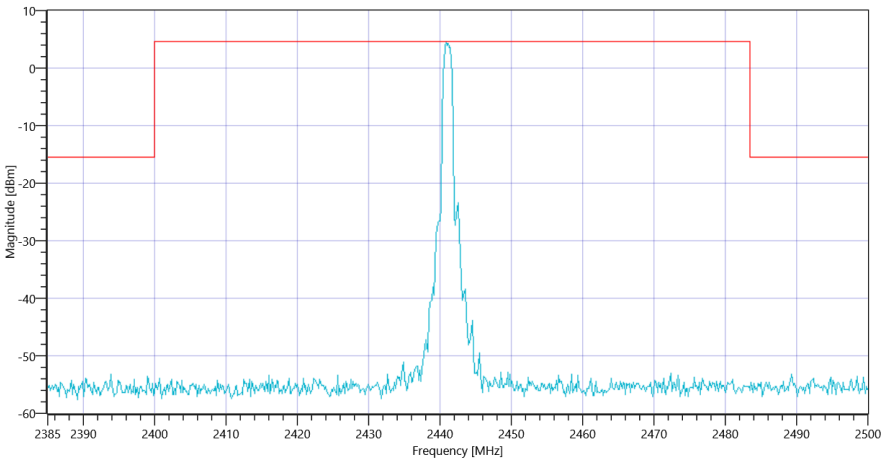
BT Classic Connection check					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Connection result	---	---	---	---	TCON

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	8.79 | 0 | 25
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	500 | 8 | 3001 | SWE

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Reference @ 2440.83 MHz	---	---	4.58	dBm	INFO
No peaks detected	---	---			PASS
Lowest margin to limit 19354.667 MHz	0	---	29.71	dB	INFO



Plot_FCC Part 15.247 TX Spurious Conduced ~ BT Classic EDR 8DPSK 2441_09122020_155139.png



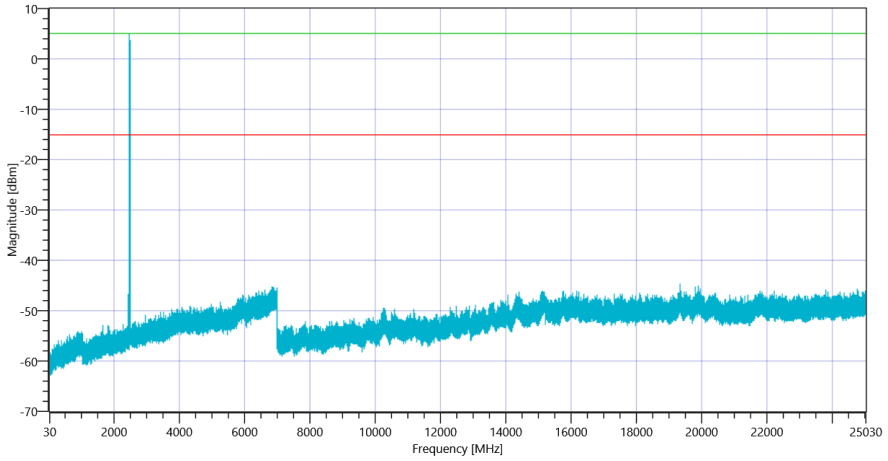
Plot_FCC Part 15.247 TX Spurious Conduced ~ BT Classic EDR 8DPSK 2441_09122020_155141.png

Test at TX 2480 MHz

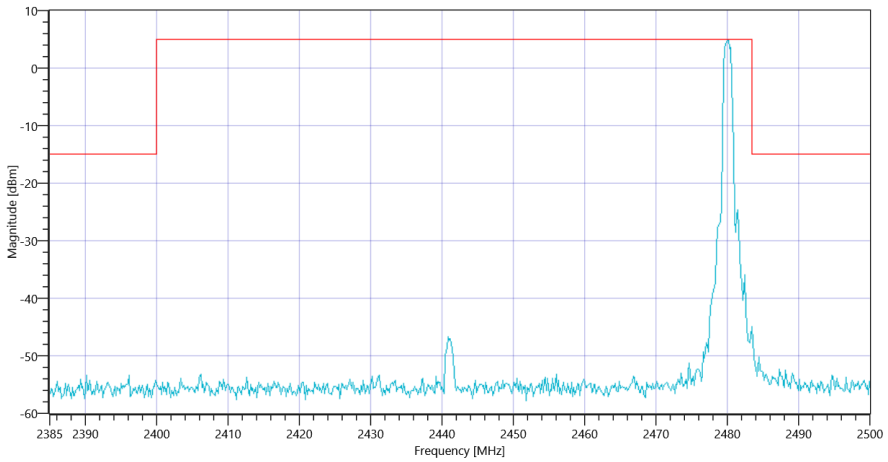
BT Classic Connection check					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Connection result	---	---	---	---	TCON

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	7.98 | 0 | 25
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	500 | 8 | 3001 | SWE

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Reference @ 2480.17 MHz	---	---	5.00	dBm	INFO
No peaks detected	---	---			PASS
Lowest margin to limit 19328.333 MHz	0	---	29.77	dB	INFO



Plot_FCC Part 15.247 TX Spurious Conduced ~ BT Classic EDR 8DPSK 2480_09122020_155629.png



Plot_FCC Part 15.247 TX Spurious Conduced ~ BT Classic EDR 8DPSK 2480_09122020_155632.png

TEST FINISHED		
General Verdict	09.12.2020 15:56:33 / RT: 875 s	PASS

10. FCC Part 15.247 Maximum Peak Conducted Output Power FHSS ~ BT Classic Basic rate

Test References	
TC Start	09.12.2020 14:51:52
Ambit Temp [°C] | Humidity [rel%]	22.8 | 27
System Version	1.0.1.2
Test Specification	FCC Part 15.247
Test Method	
Class / TC Version	TC_VM_FCC15247_Maximum_Peak_Conducted_Output_Power_FHSS_V01 Version: 0.0.1
My Description	FCC 15.247 Maximum Peak Output Power Conducted FHSS - BT Classic Basic Rate
Add. Information	

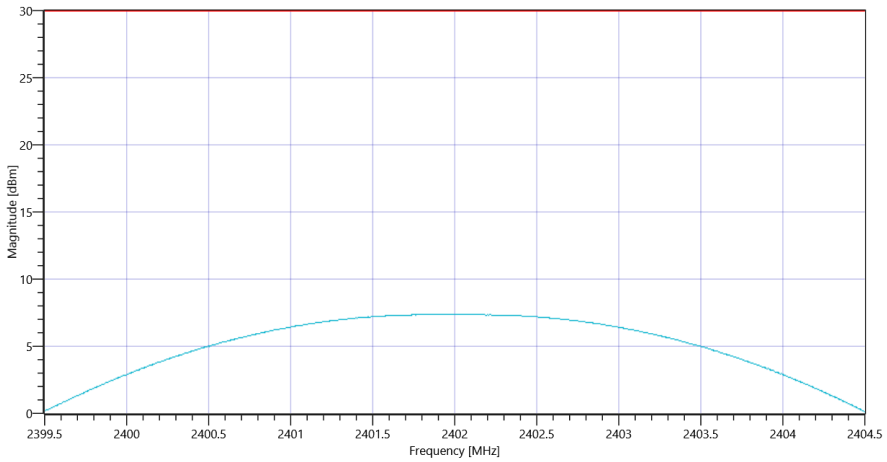
Test Parameter	
Technology to test	BT Classic Basic rate
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	True | Freq [MHz] 2402
Frequency mid to test	True | Freq [MHz] 2441
Frequency high to test	True | Freq [MHz] 2480
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SigBT: Rohde&Schwarz,CMW,1201.0002k75/100683,3.7.170 | SA: Rohde&Schwarz,FSV-30,1321.3008K30/103809,3.70

Test at TX 2402 MHz

BT Classic Connection check					
Test Description	**Lower Limit**	**Upper Limit**	**Measured**	**Unit**	**Verdict**
Connection result	---	---	---	---	TCON

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	17.47 | 10.79 | 25
Start [MHz] | Stop [MHz]	2399.500 | 2404.500
RBW [MHz] | VBW [MHz]	3.000000 | 10.000000
Detector | TraceMode	POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	1000 | 10 | 1001 | SWE

RESULT					
Test Description	**Lower Limit**	**Upper Limit**	**Measured**	**Unit**	**Verdict**
Peak Power	---	30.00	7.4	dBm	PASS
Peak Power	---	1000	5.495409	mW	PASS
Frequency at Peak	---	---	2401.96	MHz	Information



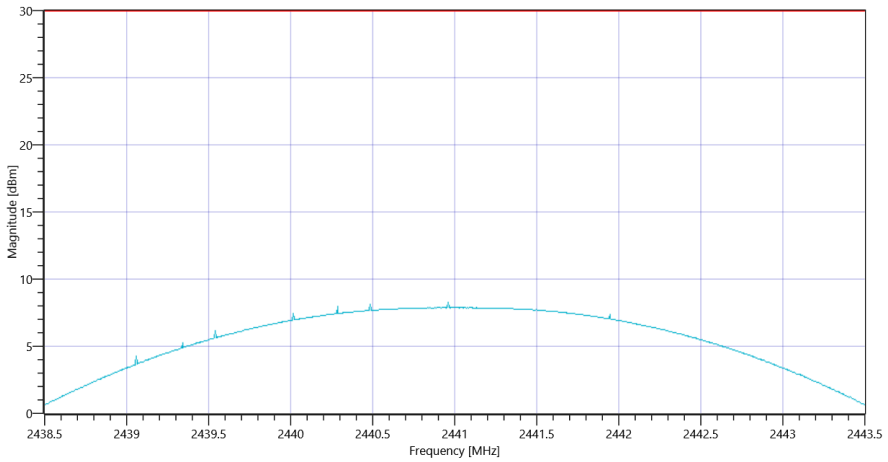
Plot_FCC Part 15.247 Maximum Peak Conducted Output Power FHSS ~ BT Classic Basic rate_09122020_145224.png

Test at TX 2441 MHz

BT Classic Connection check					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Connection result	---	---	---	---	TCON

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	17.96 | 10.8 | 25
Start [MHz] | Stop [MHz]	2438.500 | 2443.500
RBW [MHz] | VBW [MHz]	3.000000 | 10.000000
Detector | TraceMode	POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	1000 | 10 | 1001 | SWE

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peak Power	---	30.00	8.31	dBm	PASS
Peak Power	---	1000	6.776415	mW	PASS
Frequency at Peak	---	---	2440.96	MHz	Information



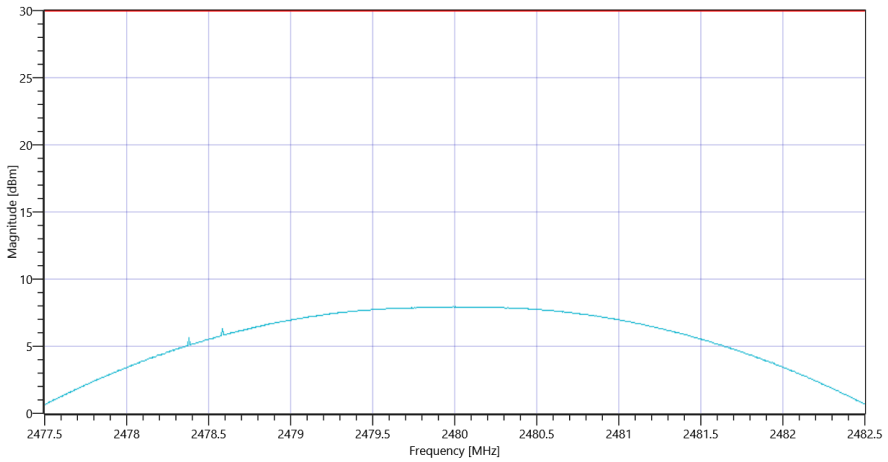
Plot_FCC Part 15.247 Maximum Peak Conducted Output Power FHSS ~ BT Classic Basic rate_09122020_145250.png

Test at TX 2480 MHz

BT Classic Connection check					
Test Description	**Lower Limit**	**Upper Limit**	**Measured**	**Unit**	**Verdict**
Connection result	---	---	---	---	TCON

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	17.85 | 10.85 | 25
Start [MHz] | Stop [MHz]	2477.500 | 2482.500
RBW [MHz] | VBW [MHz]	3.000000 | 10.000000
Detector | TraceMode	POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	1000 | 10 | 1001 | SWE

RESULT					
Test Description	**Lower Limit**	**Upper Limit**	**Measured**	**Unit**	**Verdict**
Peak Power	---	30.00	7.94	dBm	PASS
Peak Power	---	1000	6.223003	mW	PASS
Frequency at Peak	---	---	2479.99	MHz	Information



Plot_FCC Part 15.247 Maximum Peak Conducted Output Power FHSS ~ BT Classic Basic rate_09122020_145316.png

TEST FINISHED		
General Verdict	09.12.2020 14:53:16 / RT: 83 s	PASS

11. FCC Part 15.247 Maximum Peak Conducted Output Power FHSS ~ BT Classic EDR Pi/4DQPSK

Test References	
TC Start	09.12.2020 15:56:52
Ambit Temp [°C] | Humidity [rel%]	22.8 | 27
System Version	1.0.1.2
Test Specification	FCC Part 15.247
Test Method	
Class / TC Version	TC_VM_FCC15247_Maximum_Peak_Conducted_Output_Power_FHSS_V01 Version: 0.0.1
My Description	FCC 15.247 Maximum Peak Output Power Conducted FHSS - BT Classic EDR Pi/4DQPSK
Add. Information	

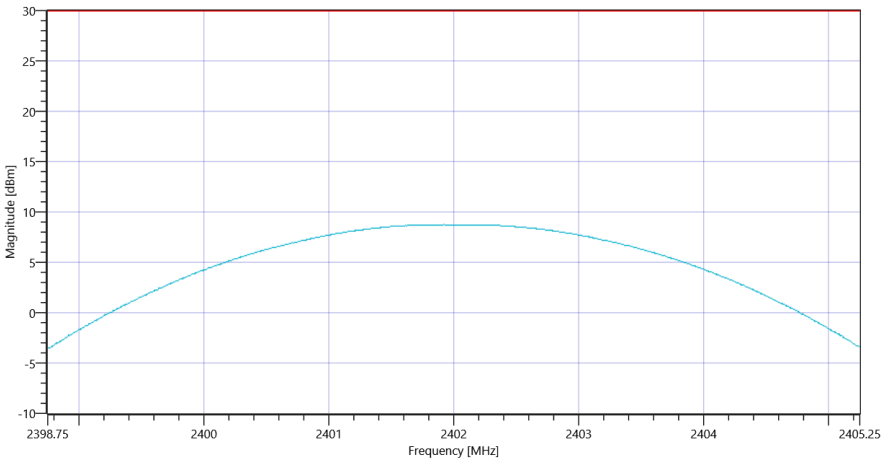
Test Parameter	
Technology to test	BT Classic EDR Pi/4DQPSK
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	True | Freq [MHz] 2402
Frequency mid to test	True | Freq [MHz] 2441
Frequency high to test	True | Freq [MHz] 2480
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SigBT: Rohde&Schwarz,CMW,1201.0002k75/100683,3.7.170 | SA: Rohde&Schwarz,FSV-30,1321.3008K30/103809,3.70

Test at TX 2402 MHz

BT Classic Connection check					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Connection result	---	---	---	---	TCON

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	17.97 | 10.79 | 25
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	8.74	dBm	PASS
Peak Power	---	1000	7.481695	mW	PASS
Frequency at Peak	---	---	2401.922	MHz	Information



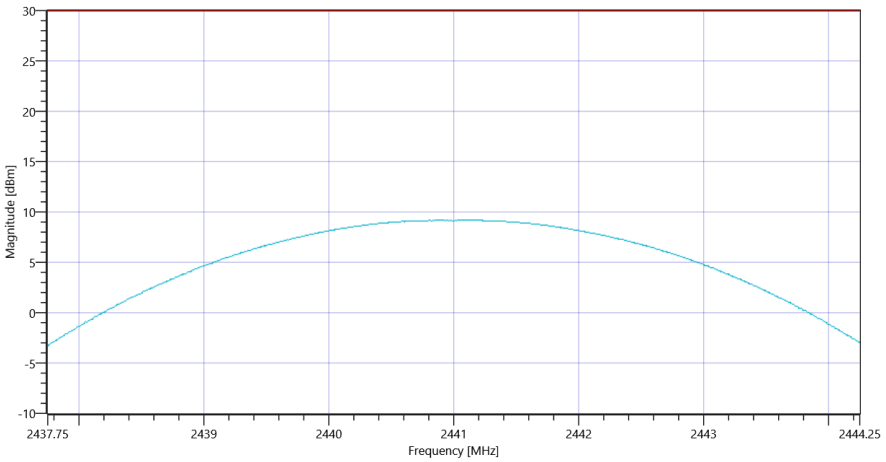
Plot_FCC Part 15.247 Maximum Peak Conducted Output Power FHSS ~ BT Classic EDR Pi-4DQPSK_09122020_155723.png

Test at TX 2441 MHz

BT Classic Connection check					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Connection result	---	---	---	---	TCON

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	18.61 | 10.8 | 25
Start [MHz] | Stop [MHz]	2437.750 | 2444.250
RBW [MHz] | VBW [MHz]	3.000000 | 10.000000
Detector | TraceMode	POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	1000 | 10 | 1001 | SWE

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peak Power	---	30.00	9.18	dBm	PASS
Peak Power	---	1000	8.279422	mW	PASS
Frequency at Peak	---	---	2441.11	MHz	Information



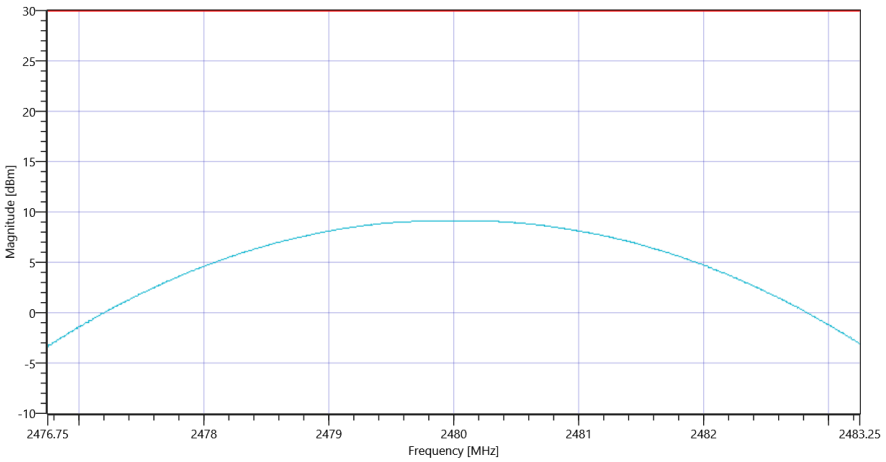
Plot_FCC Part 15.247 Maximum Peak Conducted Output Power FHSS ~ BT Classic EDR Pi-4DQPSK_09122020_155750.png

Test at TX 2480 MHz

BT Classic Connection check					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Connection result	---	---	---	---	TCON

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	18.13 | 10.85 | 25
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	9.14	dBm	PASS
Peak Power	---	1000	8.203515	mW	PASS
Frequency at Peak	---	---	2480.117	MHz	Information



Plot_FCC Part 15.247 Maximum Peak Conducted Output Power FHSS ~ BT Classic EDR Pi-4DQPSK_09122020_155816.png

TEST FINISHED		
General Verdict	09.12.2020 15:58:16 / RT: 84 s	PASS

12. FCC Part 15.247 Maximum Peak Conducted Output Power FHSS ~ BT Classic EDR 8DPSK

Test References	
TC Start	09.12.2020 15:35:26
Ambit Temp [°C] | Humidity [rel%]	22.8 | 27
System Version	1.0.1.2
Test Specification	FCC Part 15.247
Test Method	
Class / TC Version	TC_VM_FCC15247_Maximum_Peak_Conducted_Output_Power_FHSS_V01 Version: 0.0.1
My Description	FCC 15.247 Maximum Peak Output Power Conducted FHSS - BT Classic EDR 8DPSK
Add. Information	

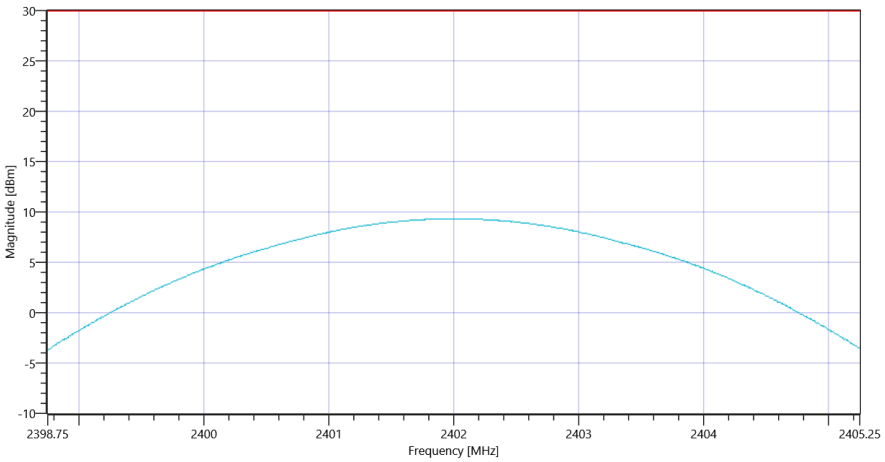
Test Parameter	
Technology to test	BT Classic EDR 8DPSK
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	True | Freq [MHz] 2402
Frequency mid to test	True | Freq [MHz] 2441
Frequency high to test	True | Freq [MHz] 2480
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SigBT: Rohde&Schwarz,CMW,1201.0002k75/100683,3.7.170 | SA: Rohde&Schwarz,FSV-30,1321.3008K30/103809,3.70

Test at TX 2402 MHz

BT Classic Connection check					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Connection result	---	---	---	---	TCON

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	18.08 | 10.79 | 25
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	9.33	dBm	PASS
Peak Power	---	1000	8.570378	mW	PASS
Frequency at Peak	---	---	2401.994	MHz	Information



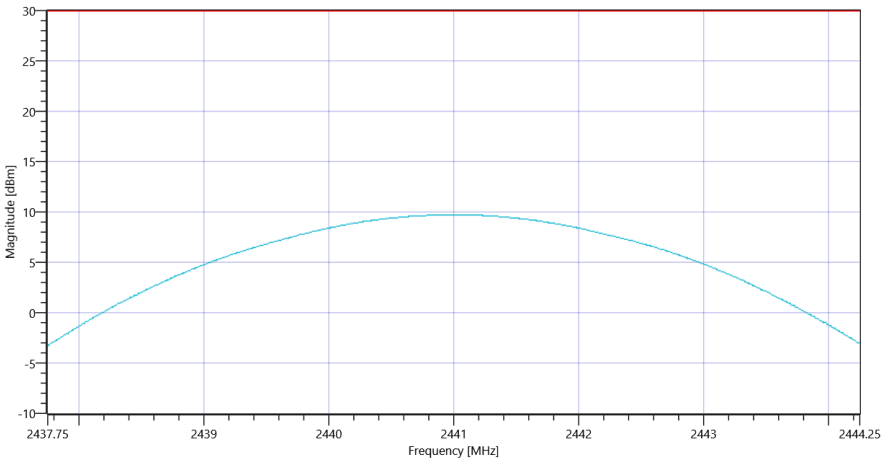
Plot_FCC Part 15.247 Maximum Peak Conducted Output Power FHSS ~ BT Classic EDR 8DPSK_09122020_153558.png

Test at TX 2441 MHz

BT Classic Connection check					
Test Description	**Lower Limit**	**Upper Limit**	**Measured**	**Unit**	**Verdict**
Connection result	---	---	---	---	TCON

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	18.28 | 10.8 | 25
Start [MHz] | Stop [MHz]	2437.750 | 2444.250
RBW [MHz] | VBW [MHz]	3.000000 | 10.000000
Detector | TraceMode	POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	1000 | 10 | 1001 | SWE

RESULT					
Test Description	**Lower Limit**	**Upper Limit**	**Measured**	**Unit**	**Verdict**
Peak Power	---	30.00	9.73	dBm	PASS
Peak Power	---	1000	9.397233	mW	PASS
Frequency at Peak	---	---	2440.942	MHz	Information



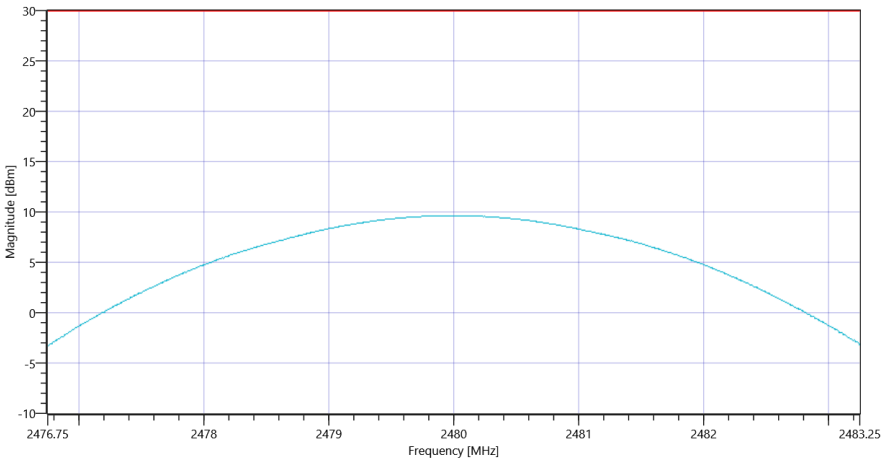
Plot_FCC Part 15.247 Maximum Peak Conducted Output Power FHSS ~ BT Classic EDR 8DPSK_09122020_153624.png

Test at TX 2480 MHz

BT Classic Connection check					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Connection result	---	---	---	---	TCON

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	18.61 | 10.85 | 25
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	9.64	dBm	PASS
Peak Power	---	1000	9.204496	mW	PASS
Frequency at Peak	---	---	2480.02	MHz	Information



Plot_FCC Part 15.247 Maximum Peak Conducted Output Power FHSS ~ BT Classic EDR 8DPSK_09122020_153650.png

TEST FINISHED		
General Verdict	09.12.2020 15:36:51 / RT: 84 s	PASS

13. FCC Part 15.247 Number Of Hopping Channels FHSS ~ BT Classic Basic rate

Test References	
TC Start	09.12.2020 15:58:42
Ambit Temp [°C] | Humidity [rel%]	22.8 | 27
System Version	1.0.1.2
Test Specification	FCC Part 15.247
Test Method	
Class / TC Version	TC_VM_FCC15247_Number_of_hopping_channels_FHSS_V01 Version: 0.0.1
My Description	FCC 15.247 Number Of Hopping Channels FHSS - BT Classic Basic Rate
Add. Information	

Test Parameter	
Technology to test	BT Classic Basic rate
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	False | Freq [MHz] 2402
Frequency mid to test	False | Freq [MHz] 2441
Frequency high to test	False | Freq [MHz] 2480
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SigBT: Rohde&Schwarz,CMW,1201.0002k75/100683,3.7.170 | SA: Rohde&Schwarz,FSV-30,1321.3008K30/103809,3.70

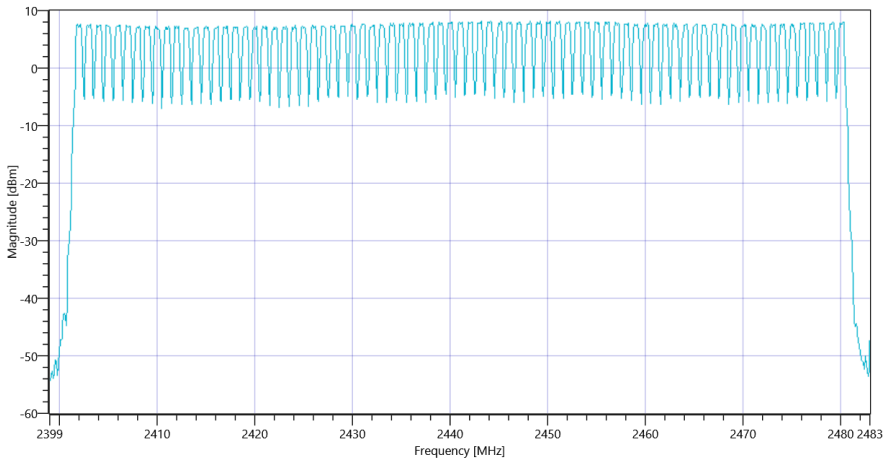
Test at TX hopping MHz

BT Classic Connection check					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Connection result	---	---	---	---	TCON

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	13.21 | 10.8 | 20
Start [MHz] | Stop [MHz]	2399.000 | 2483.000
RBW [MHz] | VBW [MHz]	0.200000 | 0.500000
Detector | TraceMode	POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	1 | 10000 | 1001 | SWE

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Hopp channel (rounded)	---	---	2402	MHz	Information
Hopp channel (rounded)	---	---	2403	MHz	Information
Hopp channel (rounded)	---	---	2404	MHz	Information
Hopp channel (rounded)	---	---	2405	MHz	Information
Hopp channel (rounded)	---	---	2406	MHz	Information
Hopp channel (rounded)	---	---	2407	MHz	Information
Hopp channel (rounded)	---	---	2408	MHz	Information
Hopp channel (rounded)	---	---	2409	MHz	Information
Hopp channel (rounded)	---	---	2410	MHz	Information
Hopp channel (rounded)	---	---	2411	MHz	Information
Hopp channel (rounded)	---	---	2412	MHz	Information
Hopp channel (rounded)	---	---	2413	MHz	Information
Hopp channel (rounded)	---	---	2414	MHz	Information
Hopp channel (rounded)	---	---	2415	MHz	Information
Hopp channel (rounded)	---	---	2416	MHz	Information
Hopp channel (rounded)	---	---	2417	MHz	Information
Hopp channel (rounded)	---	---	2418	MHz	Information
Hopp channel (rounded)	---	---	2419	MHz	Information
Hopp channel (rounded)	---	---	2420	MHz	Information
Hopp channel (rounded)	---	---	2421	MHz	Information
Hopp channel (rounded)	---	---	2422	MHz	Information
Hopp channel (rounded)	---	---	2423	MHz	Information
Hopp channel (rounded)	---	---	2424	MHz	Information
Hopp channel (rounded)	---	---	2425	MHz	Information
Hopp channel (rounded)	---	---	2426	MHz	Information
Hopp channel (rounded)	---	---	2427	MHz	Information
Hopp channel (rounded)	---	---	2428	MHz	Information
Hopp channel (rounded)	---	---	2429	MHz	Information
Hopp channel (rounded)	---	---	2430	MHz	Information
Hopp channel (rounded)	---	---	2431	MHz	Information
Hopp channel (rounded)	---	---	2432	MHz	Information
Hopp channel (rounded)	---	---	2433	MHz	Information
Hopp channel (rounded)	---	---	2434	MHz	Information
Hopp channel (rounded)	---	---	2435	MHz	Information
Hopp channel (rounded)	---	---	2436	MHz	Information
Hopp channel (rounded)	---	---	2437	MHz	Information
Hopp channel (rounded)	---	---	2438	MHz	Information
Hopp channel (rounded)	---	---	2439	MHz	Information
Hopp channel (rounded)	---	---	2440	MHz	Information
Hopp channel (rounded)	---	---	2441	MHz	Information
Hopp channel (rounded)	---	---	2442	MHz	Information
Hopp channel (rounded)	---	---	2443	MHz	Information

Hopp channel (rounded)	---	---	2444	MHz	Information
Hopp channel (rounded)	---	---	2445	MHz	Information
Hopp channel (rounded)	---	---	2446	MHz	Information
Hopp channel (rounded)	---	---	2447	MHz	Information
Hopp channel (rounded)	---	---	2448	MHz	Information
Hopp channel (rounded)	---	---	2449	MHz	Information
Hopp channel (rounded)	---	---	2450	MHz	Information
Hopp channel (rounded)	---	---	2451	MHz	Information
Hopp channel (rounded)	---	---	2452	MHz	Information
Hopp channel (rounded)	---	---	2453	MHz	Information
Hopp channel (rounded)	---	---	2454	MHz	Information
Hopp channel (rounded)	---	---	2455	MHz	Information
Hopp channel (rounded)	---	---	2456	MHz	Information
Hopp channel (rounded)	---	---	2457	MHz	Information
Hopp channel (rounded)	---	---	2458	MHz	Information
Hopp channel (rounded)	---	---	2459	MHz	Information
Hopp channel (rounded)	---	---	2460	MHz	Information
Hopp channel (rounded)	---	---	2461	MHz	Information
Hopp channel (rounded)	---	---	2462	MHz	Information
Hopp channel (rounded)	---	---	2463	MHz	Information
Hopp channel (rounded)	---	---	2464	MHz	Information
Hopp channel (rounded)	---	---	2465	MHz	Information
Hopp channel (rounded)	---	---	2466	MHz	Information
Hopp channel (rounded)	---	---	2467	MHz	Information
Hopp channel (rounded)	---	---	2468	MHz	Information
Hopp channel (rounded)	---	---	2469	MHz	Information
Hopp channel (rounded)	---	---	2470	MHz	Information
Hopp channel (rounded)	---	---	2471	MHz	Information
Hopp channel (rounded)	---	---	2472	MHz	Information
Hopp channel (rounded)	---	---	2473	MHz	Information
Hopp channel (rounded)	---	---	2474	MHz	Information
Hopp channel (rounded)	---	---	2475	MHz	Information
Hopp channel (rounded)	---	---	2476	MHz	Information
Hopp channel (rounded)	---	---	2477	MHz	Information
Hopp channel (rounded)	---	---	2478	MHz	Information
Hopp channel (rounded)	---	---	2479	MHz	Information
Hopp channel (rounded)	---	---	2480	MHz	Information
Σ Hopping channels	15	---	79	Number	PASS



Plot_FCC Part 15.247 Number Of Hopping Channels FHSS ~ BT Classic Basic rate_09122020_155929.png

TEST FINISHED

General Verdict	09.12.2020 15:59:29 / RT: 47 s	PASS

14. FCC Part 15.247 Carrier Frequency Separation FHSS ~ BT Classic Basic rate

Test References	
TC Start	09.12.2020 15:59:40
Ambit Temp [°C] | Humidity [rel%]	22.8 | 27
System Version	1.0.1.2
Test Specification	FCC Part 15.247
Test Method	
Class / TC Version	TC_VM_FCC15247_Carrier_Frequency_Separation_FHSS_V01 Version: 0.0.1
My Description	FCC 15.247 Carrier Frequency Separation FHSS - BT Classic Basic Rate
Add. Information	

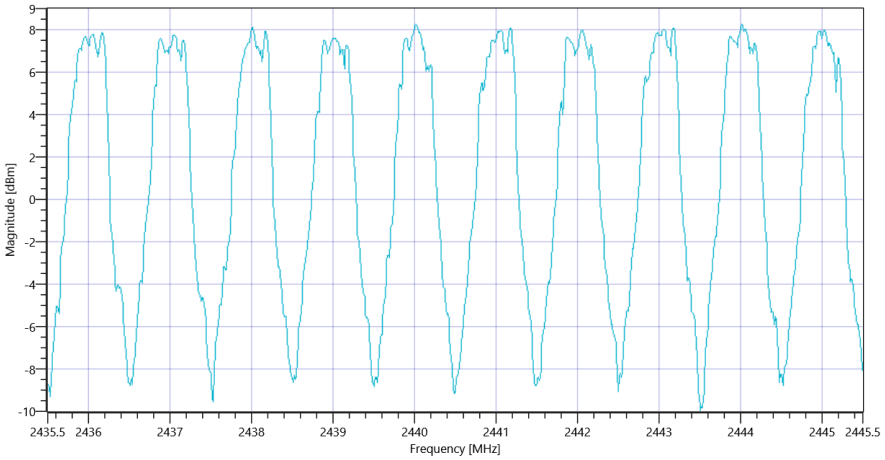
Test Parameter	
Technology to test	BT Classic Basic rate
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	False | Freq [MHz] 2402
Frequency mid to test	False | Freq [MHz] 2441
Frequency high to test	False | Freq [MHz] 2480
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SigBT: Rohde&Schwarz,CMW,1201.0002k75/100683,3.7.170 | SA: Rohde&Schwarz,FSV-30,1321.3008K30/103809,3.70

Test at TX hopping MHz

BT Classic Connection check					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Connection result	---	---	---	---	TCON

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	13.20 | 10.8 | 20
Start [MHz] | Stop [MHz]	2435.500 | 2445.500
RBW [MHz] | VBW [MHz]	0.100000 | 0.300000
Detector | TraceMode	POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	1 | 20000 | 1001 | SWE

RESULT					
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



Plot_FCC Part 15.247 Carrier Frequency Separation FHSS ~ BT Classic Basic rate_09122020_160137.png

TEST FINISHED		
General Verdict	09.12.2020 16:01:38 / RT: 118 s	PASS

15. FCC Part 15.247 Carrier Frequency Separation FHSS ~ BT Classic EDR Pi/4DQPSK

Test References	
TC Start	09.12.2020 15:15:02
Ambit Temp [°C] | Humidity [rel%]	22.8 | 27
System Version	1.0.1.2
Test Specification	FCC Part 15.247
Test Method	
Class / TC Version	TC_VM_FCC15247_Carrier_Frequency_Separation_FHSS_V01 Version: 0.0.1
My Description	FCC 15.247 Carrier Frequency Separation FHSS - BT Classic EDR Pi/4DQPSK
Add. Information	

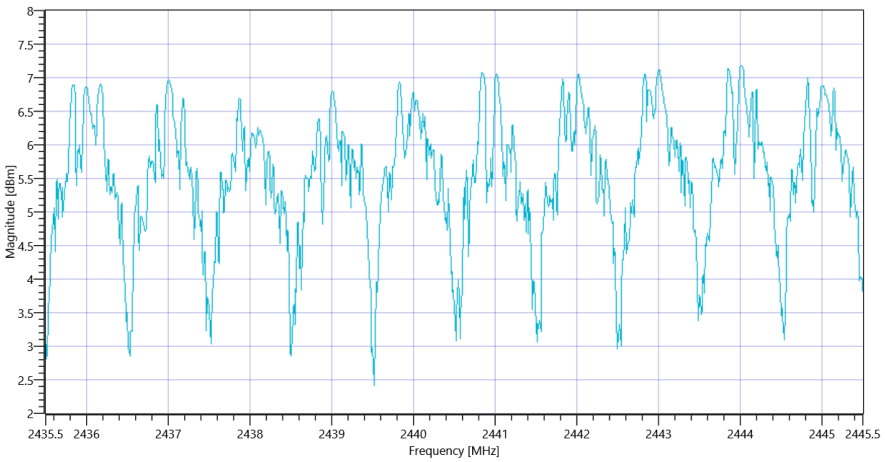
Test Parameter	
Technology to test	BT Classic EDR Pi/4DQPSK
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	False | Freq [MHz] 2402
Frequency mid to test	False | Freq [MHz] 2441
Frequency high to test	False | Freq [MHz] 2480
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SigBT: Rohde&Schwarz,CMW,1201.0002k75/100683,3.7.170 | SA: Rohde&Schwarz,FSV-30,1321.3008K30/103809,3.70

Test at TX hopping MHz

BT Classic Connection check					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Connection result	---	---	---	---	TCON

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	13.73 | 10.8 | 20
Start [MHz] | Stop [MHz]	2435.500 | 2445.500
RBW [MHz] | VBW [MHz]	0.200000 | 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)	0.867 (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)	0.867 (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)	0.867 (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)	0.867 (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)	0.867 (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)	0.867 (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)	0.867 (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)	0.867 (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)	0.867 (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



Plot_FCC Part 15.247 Carrier Frequency Separation FHSS ~ BT Classic EDR Pi-4DQPSK_09122020_151700.png

TEST FINISHED		
General Verdict	09.12.2020 15:17:00 / RT: 118 s	PASS

16. FCC Part 15.247 Carrier Frequency Separation FHSS ~ BT Classic EDR 8DPSK

Test References	
TC Start	09.12.2020 16:11:42
Ambit Temp [°C] | Humidity [rel%]	22.8 | 27
System Version	1.0.1.2
Test Specification	FCC Part 15.247
Test Method	
Class / TC Version	TC_VM_FCC15247_Carrier_Frequency_Separation_FHSS_V01 Version: 0.0.1
My Description	FCC 15.247 Carrier Frequency Separation FHSS - BT Classic EDR 8DPSK
Add. Information	

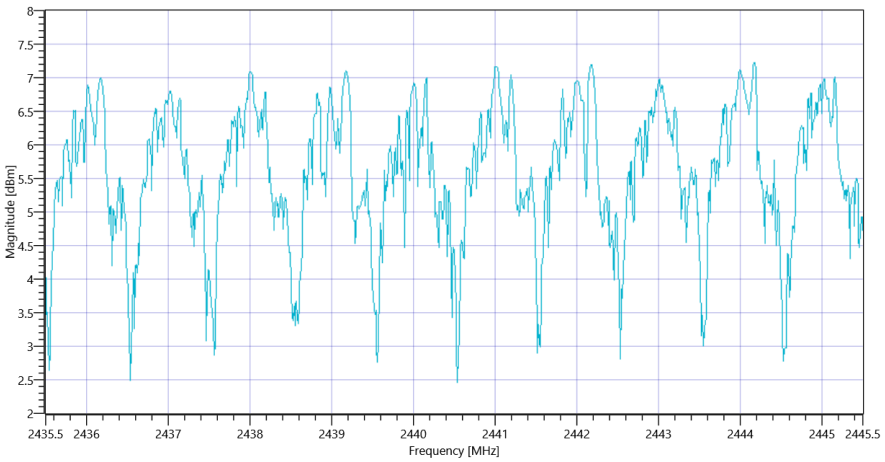
Test Parameter	
Technology to test	BT Classic EDR 8DPSK
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	False | Freq [MHz] 2402
Frequency mid to test	False | Freq [MHz] 2441
Frequency high to test	False | Freq [MHz] 2480
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SigBT: Rohde&Schwarz,CMW,1201.0002k75/100683,3.7.170 | SA: Rohde&Schwarz,FSV-30,1321.3008K30/103809,3.70

Test at TX hopping MHz

BT Classic Connection check					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Connection result	---	---	---	---	TCON

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	13.86 | 10.8 | 20
Start [MHz] | Stop [MHz]	2435.500 | 2445.500
RBW [MHz] | VBW [MHz]	0.200000 | 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)	0.867 (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)	0.867 (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)	0.867 (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)	0.867 (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)	0.867 (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)	0.867 (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)	0.867 (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)	0.867 (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)	0.867 (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



Plot_FCC Part 15.247 Carrier Frequency Separation FHSS ~ BT Classic EDR 8DPSK_09122020_161338.png

TEST FINISHED		
General Verdict	09.12.2020 16:13:39 / RT: 117 s	PASS

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