

Annex 1: Measurement diagrams to Test Report 19-1-0137403T02a-A1

Number of pages:	72	Date of Report:	2020-Dec-04
Testing company:	CETECOM GmbH Im Teelbruch 116 45219 Essen Germany Tel. + 49 (0) 20 54 / 95 19-0 Fax: + 49 (0) 20 54 / 95 19-150	Applicant:	Bosch Healthcare Solutions GmbH
Test Object / Tested Device(s):	System for quantitative measurement of fractional nitric oxide (FeNO) in human breath, Vivatmo pro (Base Station)		
FCC ID:	2AVQ9VMPBS1	IC:	25928-VMPBS1
Testing has been carried out in accordance with:	Title 47 CFR, Chapter I FCC Regulations, Subchapter A §15.247 (DTS) ISED-Regulations RSS-Gen, Issue 5 RSS 247, Issue 2 Deviations, modifications or clarifications (if any) to above mentioned documents are written in each section under "Test method and limit".		



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1 Measurement diagrams

1.1 AC-Power Lines Conducted Emissions

1.01 BT Classic

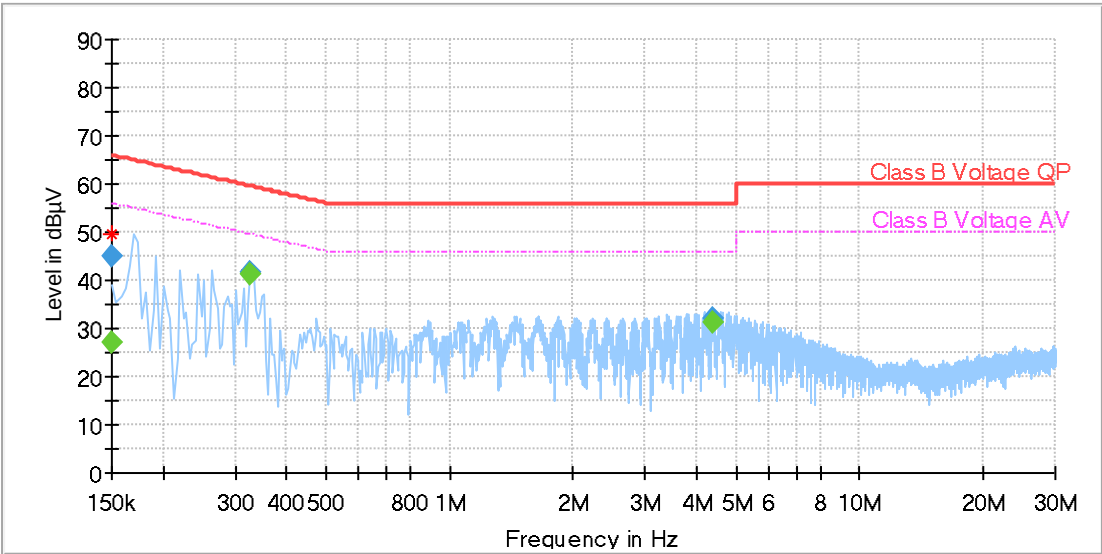
Common Information

Test Description:	Conducted Voltage Measurement Class B
Test Site Location:	Conducted Emission, CETECOM GmbH Essen
Test Software:	R&S EMC32 v9.15
Test Standard:	FCC 15.107, FCC 15.207
Operating Mode:	bt classic
Measured on line:	N/L1
Diagram details:	Shows the peak values as a sum of measured ports in maxhold mode
Environmental Conditions:	Humidity : 50% rH; Temperature: 18 °C
Operator:	Mah
Comments:	--
EUT Setup:	--
Verdict:	Pass

EUT Information

PMT number:	19-1-01374S23_C01
Date received:	--

Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	PE	Corr. (dB)
0.150000	44.93	---	66.00	21.07	1000.0	9.000	N	GND	0.1
0.150000	---	27.08	56.00	28.92	1000.0	9.000	N	GND	0.1
0.327188	41.63	---	59.52	17.89	1000.0	9.000	L1	GND	0.1
0.327188	---	41.28	49.52	8.24	1000.0	9.000	L1	GND	0.1
4.378438	---	31.29	46.00	14.71	1000.0	9.000	N	GND	0.3
4.378438	32.22	---	56.00	23.78	1000.0	9.000	N	GND	0.3

1.11 BT Classic+Charging

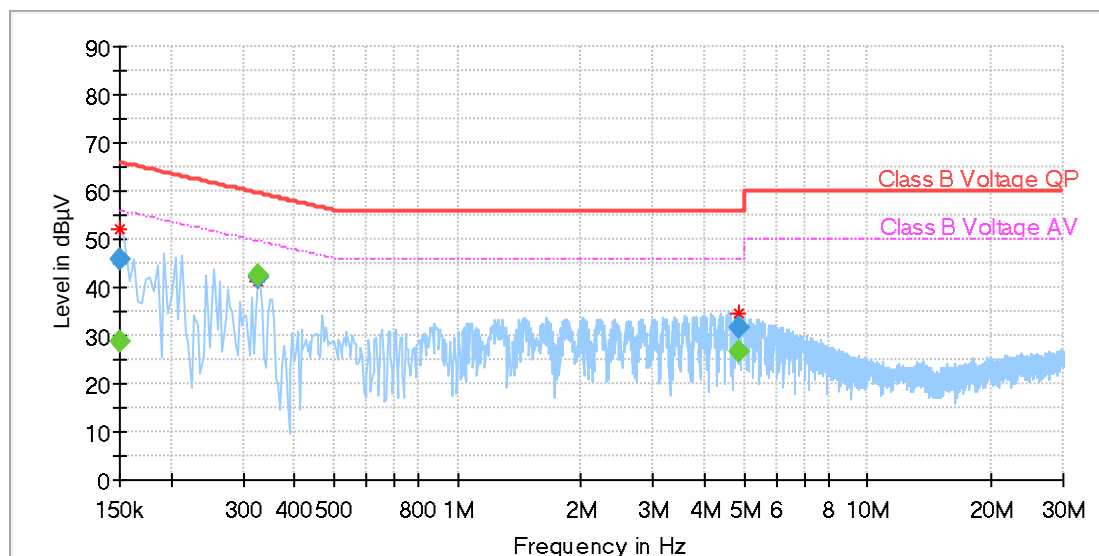
Common Information

Test Description:	Conducted Voltage Measurement Class B
Test Site Location:	Conducted Emission, CETECOM GmbH Essen
Test Software:	R&S EMC32 v9.15
Test Standard:	FCC 15.107, FCC 15.207
Operating Mode:	bt classic + charging
Measured on line:	N/L1
Diagram details:	Shows the peak values as a sum of measured ports in maxhold mode
Environmental Conditions:	Humidity : 50% rH; Temperature: 18 °C
Operator:	Mah
Comments:	--
EUT Setup:	--
Verdict:	Pass

EUT Information

PMT number:	19-1-01374S23_C01
Date received:	--

Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	PE	Corr. (dB)
0.150000	---	28.75	56.00	27.25	1000.0	9.000	L1	GND	0.1
0.150000	45.93	---	66.00	20.07	1000.0	9.000	L1	GND	0.1
0.327188	---	42.36	49.52	7.16	1000.0	9.000	L1	GND	0.1
0.327188	42.26	---	59.52	17.26	1000.0	9.000	L1	GND	0.1
4.822188	---	26.60	46.00	19.40	1000.0	9.000	N	GND	0.3
4.822188	31.82	---	56.00	24.18	1000.0	9.000	N	GND	0.3

1.2 Conducted measurements

Emission Bandwidth 20 dB

Mode	DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	BE Left (MHz)	BE Right (MHz)
non-Hopping [GFSK]; 2402 MHz	2402.0000	1.395000	---	---	2401.2975	2402.6925
non-Hopping [GFSK]; 2441 MHz	2441.0000	0.940000	---	---	2440.5425	2441.4825
non-Hopping [GFSK]; 2480 MHz	2480.0000	0.940000	---	---	2479.5475	2480.4875
non-Hopping [8PSK]; 2402MHz	2402.0000	1.380000	---	---	2401.3125	2402.6925
non-Hopping [8PSK]; 2441MHz	2441.0000	1.375000	---	---	2440.3175	2441.6925
non-Hopping [8PSK]; 2480MHz	2480.0000	1.395000	---	---	2479.3075	2480.7025

Occupied Channel Bandwidth 99%

Mode	DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	BE Left (MHz)	BE Right (MHz)
non-Hopping [GFSK]; 2402 MHz	2402.0000	1.240000	---	---	2401.3725	2402.6125
non-Hopping [GFSK]; 2441 MHz	2441.0000	0.925000	---	---	2440.5425	2441.4675
non-Hopping [GFSK]; 2480 MHz	2480.0000	0.925000	---	---	2479.5475	2480.4725
non-Hopping [8PSK]; 2402MHz	2402.0000	1.230000	---	---	2401.3775	2402.6075
non-Hopping [8PSK]; 2441MHz	2441.0000	1.235000	---	---	2440.3775	2441.6125
non-Hopping [8PSK]; 2480MHz	2480.0000	1.250000	---	---	2479.3725	2480.6225

Peak output power (Sweep)

Mode	DUT Frequency (MHz)	Peak Power (dBm)	Limit Max (dBm)	Result
non-Hopping [GFSK]	2402.000000	6.0	21.0	PASS
non-Hopping [GFSK]	2441.000000	8.9	21.0	PASS
non-Hopping [GFSK]	2480.000000	10.3	21.0	PASS
non-Hopping [8PSK]	2402.000000	4.2	21.0	PASS
non-Hopping [8PSK]	2441.000000	4.3	21.0	PASS
non-Hopping [8PSK]	2480.000000	4.3	21.0	PASS

RF output power

Mode	DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	DutyCycle (%)	Result
non-Hopping [GFSK]; 2402 MHz	2402.0000	6.1	21.0	100.000	PASS
non-Hopping [GFSK]; 2441 MHz	2441.0000	7.0	21.0	100.000	PASS
non-Hopping [GFSK]; 2480 MHz	2480.0000	6.8	21.0	100.000	PASS
non-Hopping [8PSK]; 2402 MHz	2402.0000	1.5	21.0	100.000	PASS
non-Hopping [8PSK]; 2441 MHz	2441.0000	1.7	21.0	100.000	PASS
non-Hopping [8PSK]; 2480 MHz	2480.0000	1.7	21.0	100.000	PASS

Hopping Frequencies

Mode	Channels	Limit Min	Limit Max	Result
Hopping [GFSK]; (frequency independent;MHz	79	15	---	PASS

Carrier Frequency Separation

Mode	DUT Frequency (MHz)	Frequency Separation (MHz)	Limit Min (MHz)	Limit Max (MHz)	Center Frequency low Channel (MHz)	Center Frequency high Channel (MHz)
Hopping [GFSK]; 2402 MHz	2402.0000	0.980198	0.666667	---	2401.995050	2402.975248
Hopping [GFSK]; 2441 MHz	2441.0000	0.980198	0.666667	---	2440.995050	2441.975248
Hopping [GFSK]; 2480 MHz	2480.0000	1.009900	0.666667	---	2478.995050	2480.004950

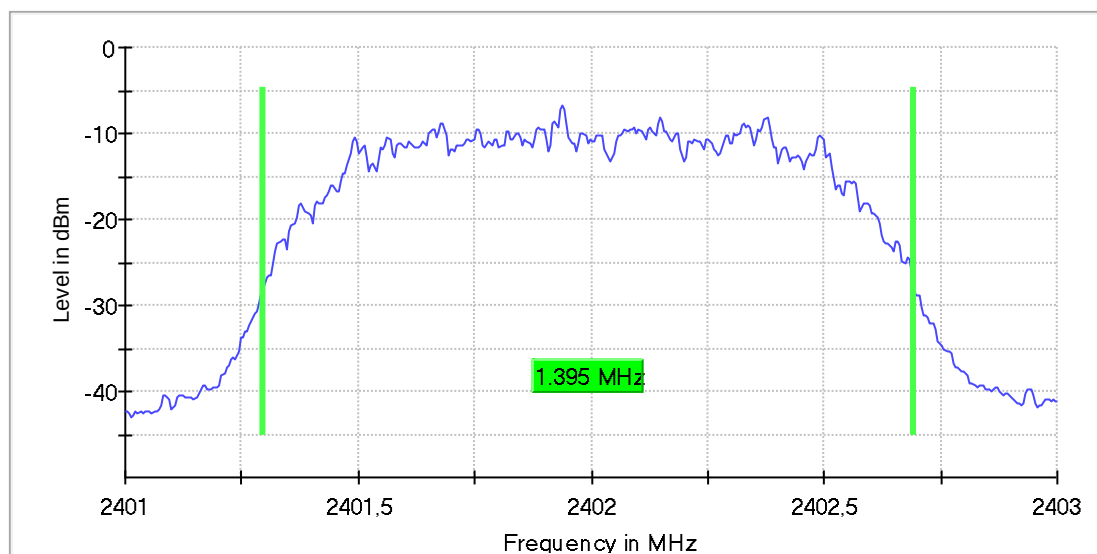
Emission Bandwidth 20 dB (2402 MHz; non-Hopping [GFSK] (10 dBm); 1 MHz; Test Mode)

20 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	BE Left (MHz)	BE Right (MHz)
2402.000000	1.395000	---	---	2401.297500	2402.692500

(continuation of the "20 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2402.000000	-6.7	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.40100 GHz	2.40100 GHz
Stop Frequency	2.40300 GHz	2.40300 GHz
Span	2.000 MHz	2.000 MHz
RBW	10.000 kHz	>= 10.000 kHz
VBW	30.000 kHz	>= 30.000 kHz
SweepPoints	400	~ 400
SweepTime	419.000 μ s	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	33 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.15 dB	0.50 dB

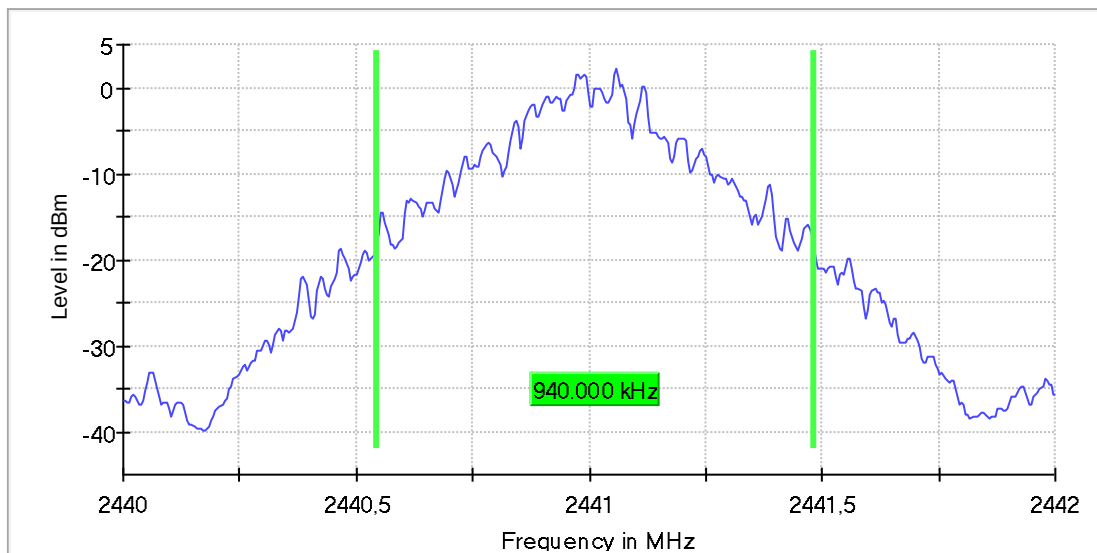
Emission Bandwidth 20 dB (2441 MHz; non-Hopping [GFSK] (10 dBm); 1 MHz; Test Mode)

20 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	BE Left (MHz)	BE Right (MHz)
2441.000000	0.940000	---	---	2440.542500	2441.482500

(continuation of the "20 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2441.000000	2.3	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.44000 GHz	2.44000 GHz
Stop Frequency	2.44200 GHz	2.44200 GHz
Span	2.000 MHz	2.000 MHz
RBW	10.000 kHz	>= 10.000 kHz
VBW	30.000 kHz	>= 30.000 kHz
SweepPoints	400	~ 400
Sweeptime	419.000 µs	AUTO
Reference Level	-10.000 dBm	-10.000 dBm
Attenuation	0.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	32 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.14 dB	0.50 dB

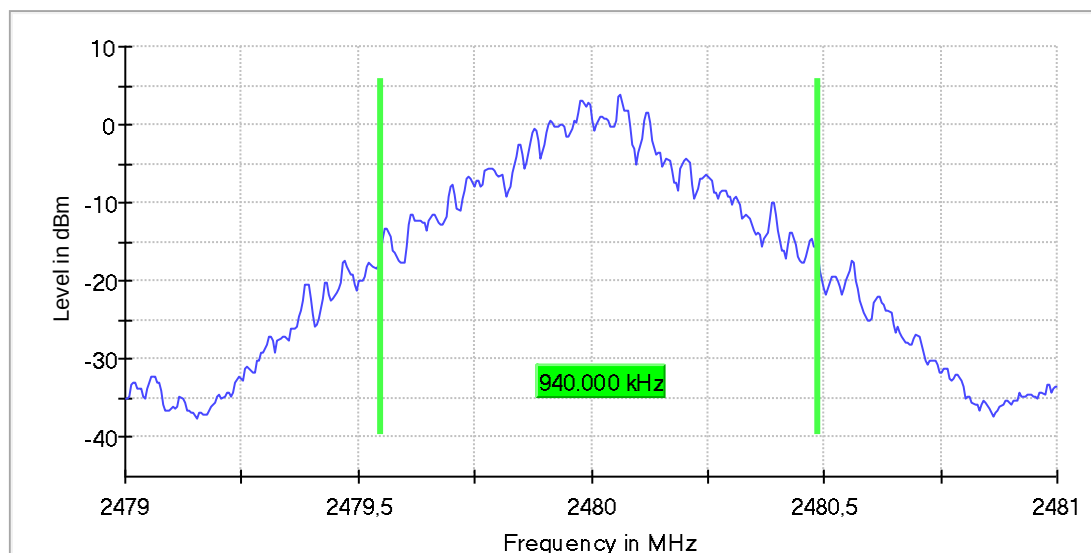
Emission Bandwidth 20 dB (2480 MHz; non-Hopping [GFSK] (10 dBm); 1 MHz; Test Mode)

20 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	BE Left (MHz)	BE Right (MHz)
2480.000000	0.940000	---	---	2479.547500	2480.487500

(continuation of the "20 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2480.000000	4.0	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.47900 GHz	2.47900 GHz
Stop Frequency	2.48100 GHz	2.48100 GHz
Span	2.000 MHz	2.000 MHz
RBW	10.000 kHz	>= 10.000 kHz
VBW	30.000 kHz	>= 30.000 kHz
SweepPoints	400	~ 400
SweepTime	419.000 µs	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	11 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.33 dB	0.50 dB

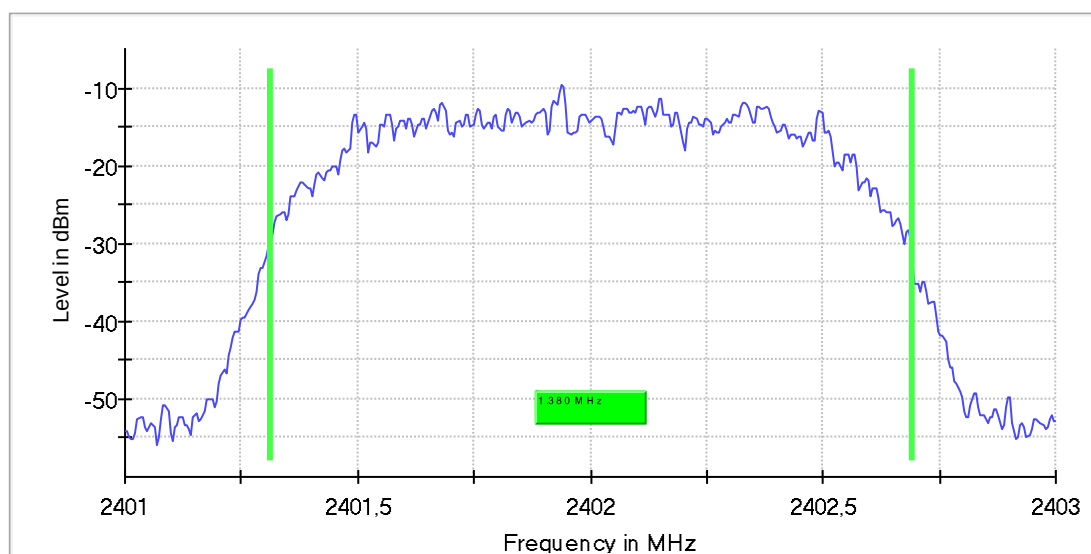
Emission Bandwidth 20 dB (2402 MHz; non-Hopping [8PSK] (10 dBm); 1 MHz; Test Mode)

20 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2402.000000	1.380000	---	---	2401.312500	2402.692500

(continuation of the "20 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2402.000000	-9.6	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.40100 GHz	2.40100 GHz
Stop Frequency	2.40300 GHz	2.40300 GHz
Span	2.000 MHz	2.000 MHz
RBW	10.000 kHz	>= 10.000 kHz
VBW	30.000 kHz	>= 30.000 kHz
SweepPoints	400	~ 400
SweepTime	419.000 μ s	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	6 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.18 dB	0.50 dB

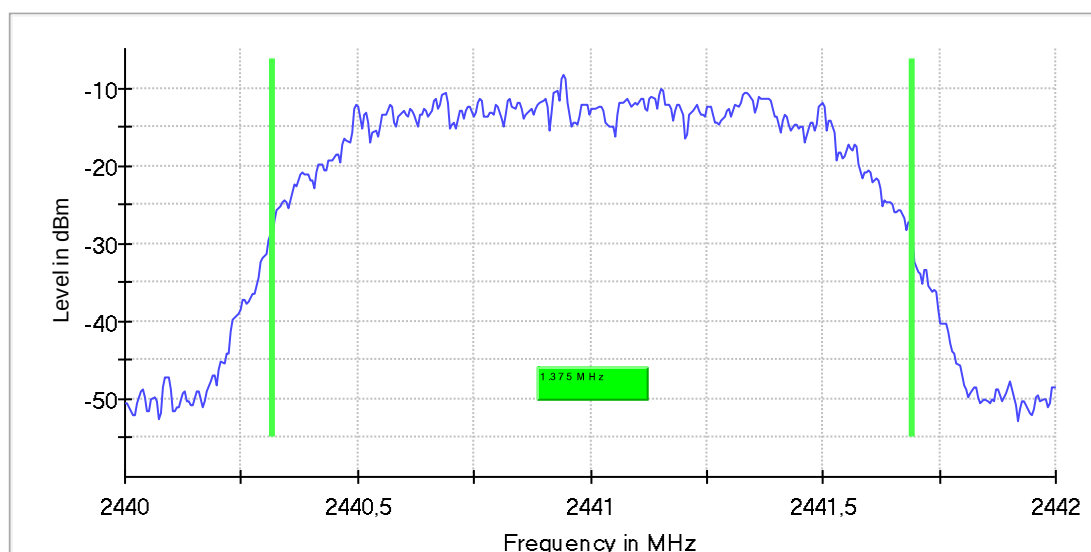
Emission Bandwidth 20 dB (2441 MHz; non-Hopping [8PSK] (10 dBm); 1 MHz; Test Mode)

20 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2441.000000	1.375000	---	---	2440.317500	2441.692500

(continuation of the "20 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2441.000000	-8.4	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.44000 GHz	2.44000 GHz
Stop Frequency	2.44200 GHz	2.44200 GHz
Span	2.000 MHz	2.000 MHz
RBW	10.000 kHz	>= 10.000 kHz
VBW	30.000 kHz	>= 30.000 kHz
SweepPoints	400	~ 400
SweepTime	419.000 μ s	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	6 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.14 dB	0.50 dB

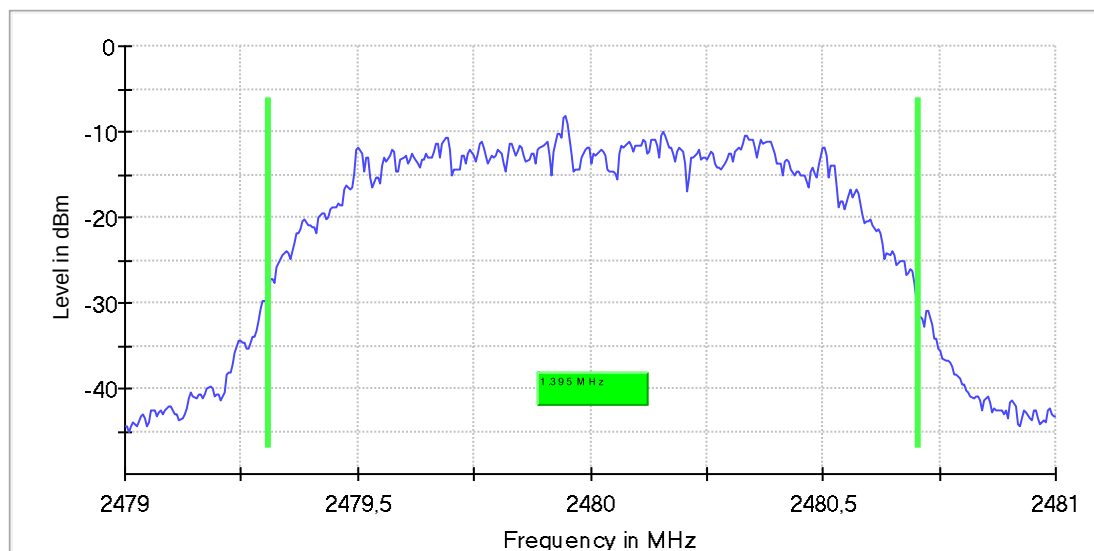
Emission Bandwidth 20 dB (2480 MHz; non-Hopping [8PSK] (10 dBm); 1 MHz; Test Mode)

20 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2480.000000	1.395000	---	---	2479.307500	2480.702500

(continuation of the "20 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2480.000000	-8.1	PASS



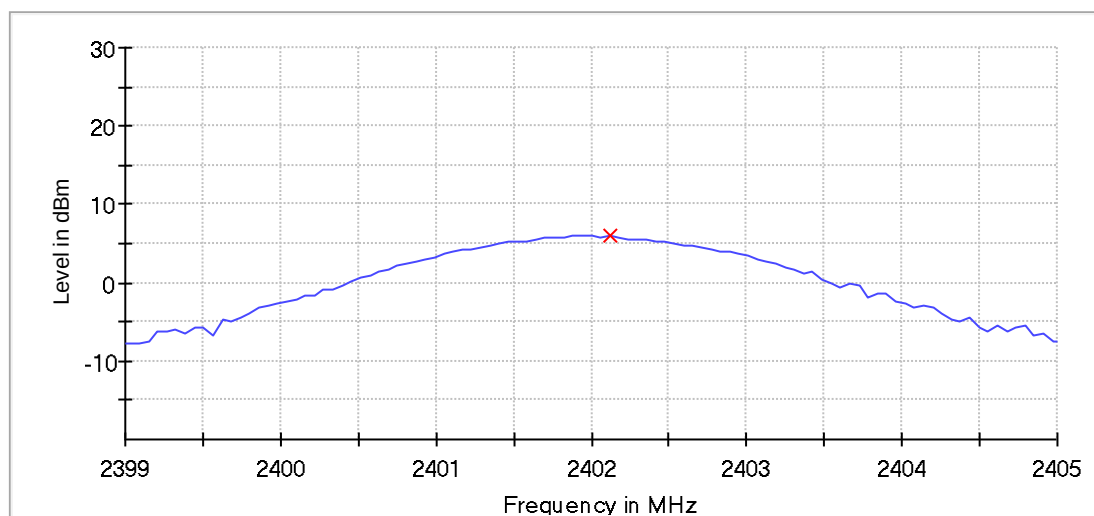
Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.47900 GHz	2.47900 GHz
Stop Frequency	2.48100 GHz	2.48100 GHz
Span	2.000 MHz	2.000 MHz
RBW	10.000 kHz	>= 10.000 kHz
VBW	30.000 kHz	>= 30.000 kHz
SweepPoints	400	~ 400
Sweptime	419.000 μ s	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	6 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.21 dB	0.50 dB

Peak output power (Sweep) (2402 MHz; non-Hopping [GFSK] (10 dBm); 1 MHz; Test Mode)

Result

DUT Frequency (MHz)	Peak Power (dBm)	Limit Max (dBm)	Result
2402.000000	6.0	21.0	PASS



— Connector 1 × Peak Connector 1

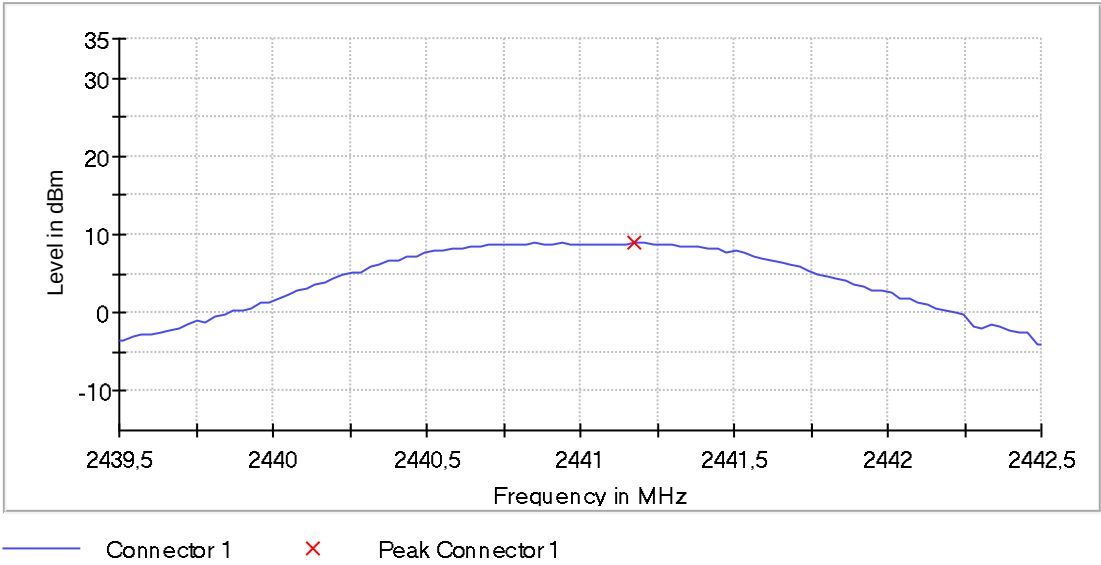
Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.39900 GHz	2.39900 GHz
Stop Frequency	2.40500 GHz	2.40500 GHz
Span	6.000 MHz	6.000 MHz
RBW	2.000 MHz	>= 1.395 MHz
VBW	10.000 MHz	>= 6.000 MHz
SweepPoints	101	~ 101
SweepTime	1.000 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	7 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.50 dB

Peak output power (Sweep) (2441 MHz; non-Hopping [GFSK] (10 dBm); 1 MHz; Test Mode)

Result

DUT Frequency (MHz)	Peak Power (dBm)	Limit Max (dBm)	Result
2441.000000	8.9	21.0	PASS



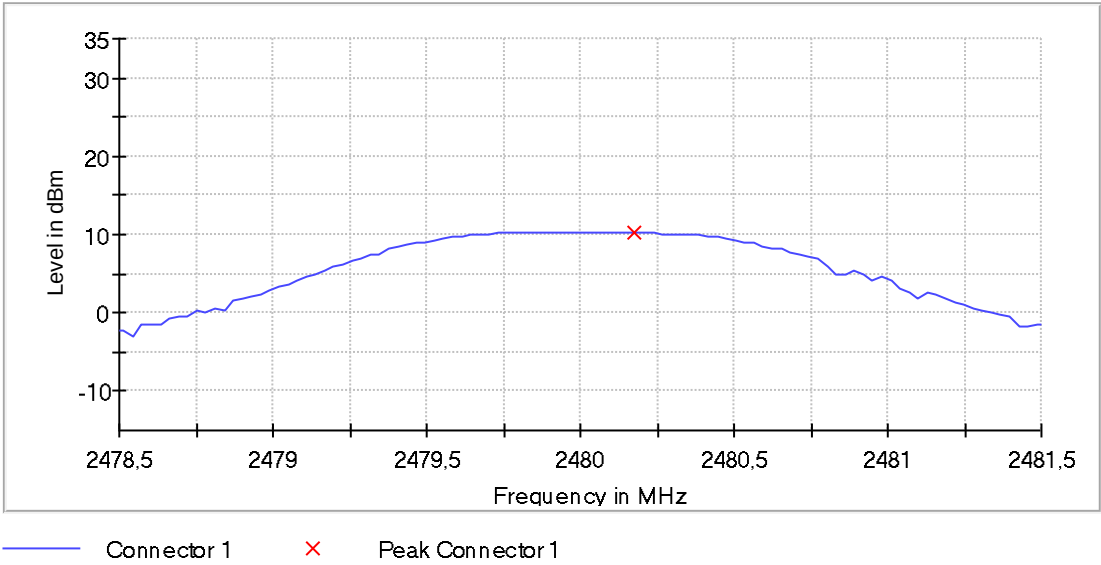
Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.43950 GHz	2.43950 GHz
Stop Frequency	2.44250 GHz	2.44250 GHz
Span	3.000 MHz	3.000 MHz
RBW	1.000 MHz	>= 940.001 kHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	101	~ 101
SweepTime	1.000 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	7 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.50 dB

Peak output power (Sweep) (2480 MHz; non-Hopping [GFSK] (10 dBm); 1 MHz; Test Mode)

Result

DUT Frequency (MHz)	Peak Power (dBm)	Limit Max (dBm)	Result
2480.000000	10.3	21.0	PASS



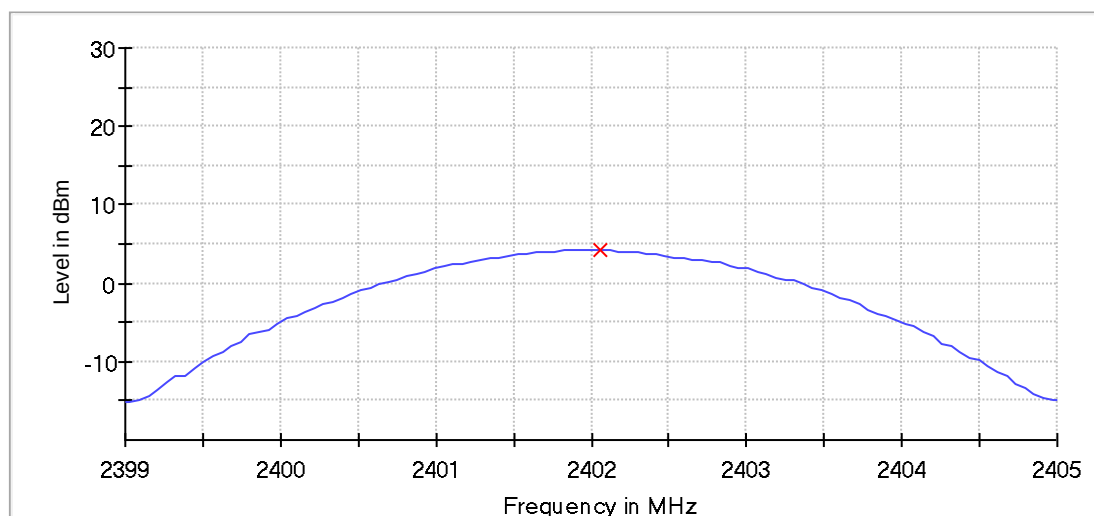
Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.47850 GHz	2.47850 GHz
Stop Frequency	2.48150 GHz	2.48150 GHz
Span	3.000 MHz	3.000 MHz
RBW	1.000 MHz	>= 940.001 kHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	101	~ 101
SweepTime	1.000 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	7 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.50 dB

Peak output power (Sweep) (2402 MHz; Single [8PSK] (10 dBm); 1 MHz; Test Mode)

Result

DUT Frequency (MHz)	Peak Power (dBm)	Limit Max (dBm)	Result
2402.000000	4.2	21.0	PASS



— Connector 1 × Peak Connector 1

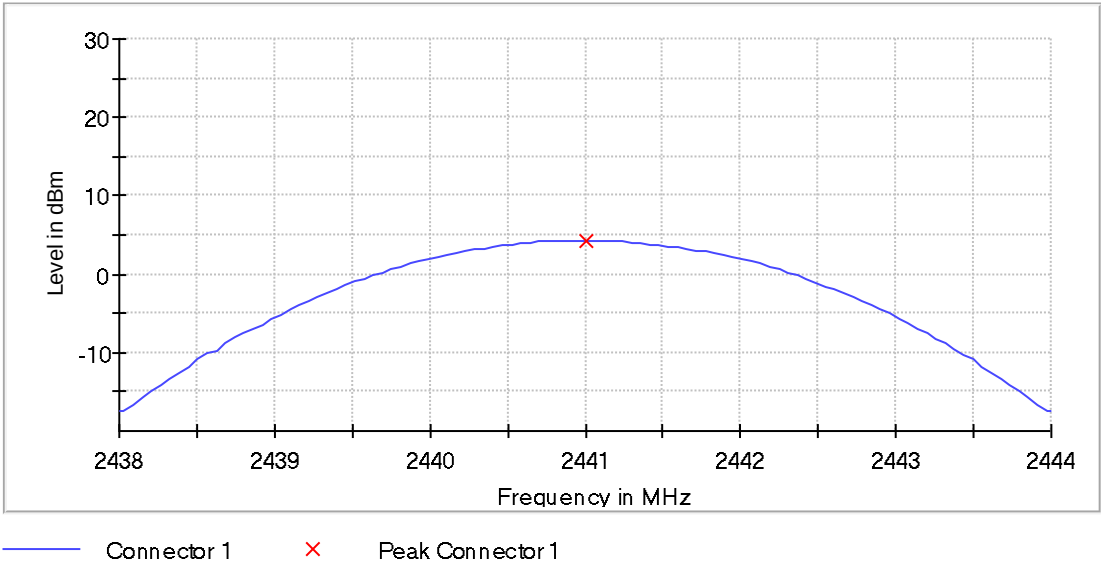
Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.39900 GHz	2.39900 GHz
Stop Frequency	2.40500 GHz	2.40500 GHz
Span	6.000 MHz	6.000 MHz
RBW	2.000 MHz	>= 1.000 MHz
VBW	10.000 MHz	>= 6.000 MHz
SweepPoints	101	~ 101
SweepTime	1.000 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	4 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.20 dB	0.50 dB

Peak output power (Sweep) (2441 MHz; Single [8PSK] (10 dBm); 1 MHz; Test Mode)

Result

DUT Frequency (MHz)	Peak Power (dBm)	Limit Max (dBm)	Result
2441.000000	4.3	21.0	PASS



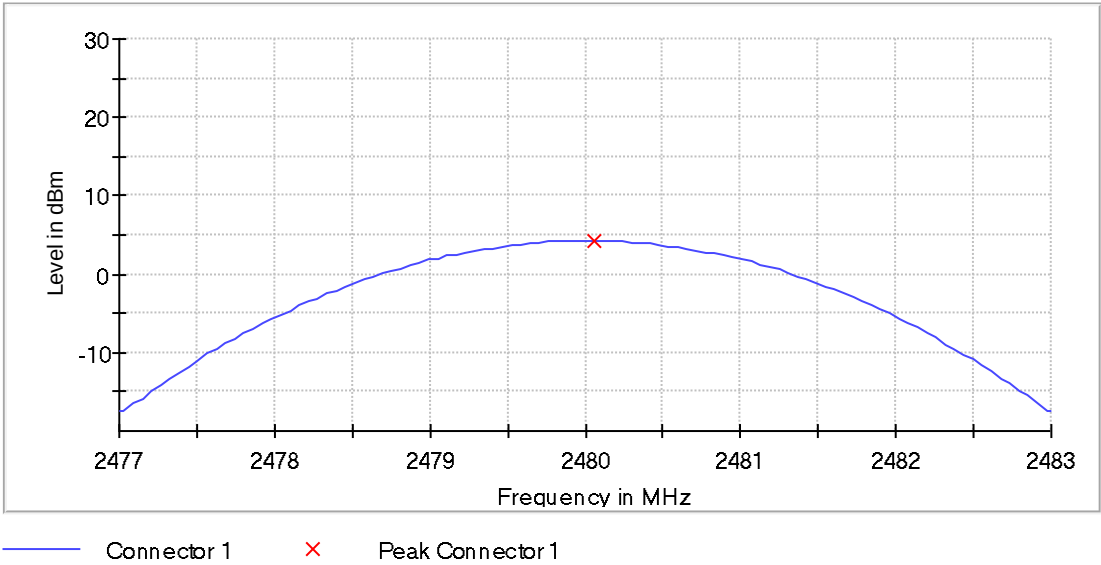
Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.43800 GHz	2.43800 GHz
Stop Frequency	2.44400 GHz	2.44400 GHz
Span	6.000 MHz	6.000 MHz
RBW	2.000 MHz	>= 1.000 MHz
VBW	10.000 MHz	>= 6.000 MHz
SweepPoints	101	~ 101
SweepTime	1.000 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	4 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.12 dB	0.50 dB

Peak output power (Sweep) (2480 MHz; Single [8PSK] (10 dBm); 1 MHz; Test Mode)

Result

DUT Frequency (MHz)	Peak Power (dBm)	Limit Max (dBm)	Result
2480.000000	4.3	21.0	PASS



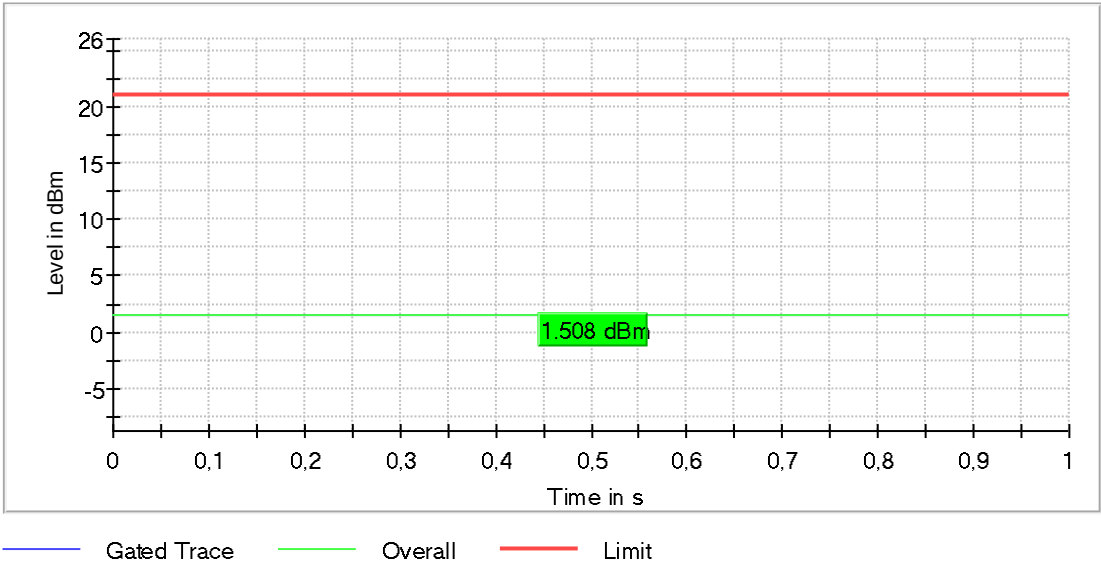
Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.47700 GHz	2.47700 GHz
Stop Frequency	2.48300 GHz	2.48300 GHz
Span	6.000 MHz	6.000 MHz
RBW	2.000 MHz	>= 1.000 MHz
VBW	10.000 MHz	>= 6.000 MHz
SweepPoints	101	~ 101
SweepTime	1.000 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	4 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.09 dB	0.50 dB

RF output power (2402 MHz; Single [8PSK] (10 dBm); 1 MHz; Test Mode)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
2402.000000	1.5	21.0	1.5	100.000	PASS



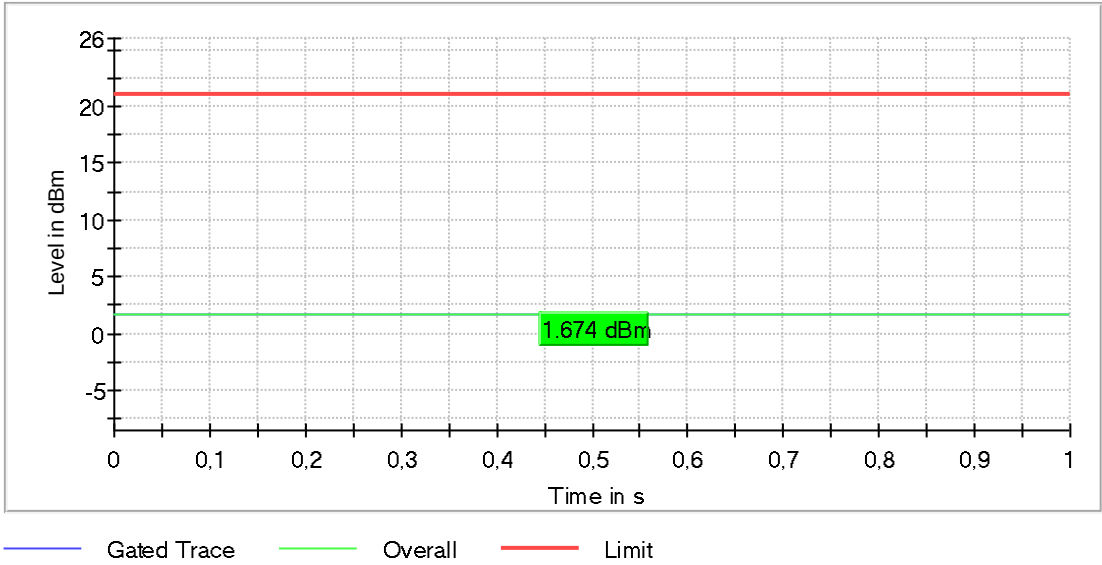
OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 µs	1.000 µs

RF output power (2441 MHz; Single [8PSK] (10 dBm); 1 MHz; Test Mode)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
2441.000000	1.7	21.0	1.7	100.000	PASS



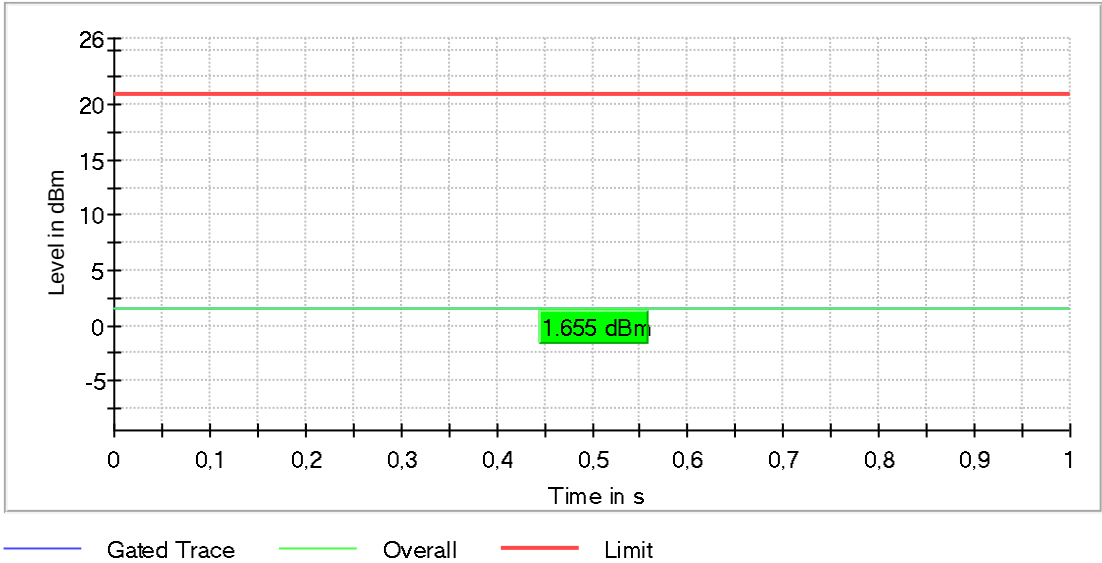
OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

RF output power (2480 MHz; Single [8PSK] (10 dBm); 1 MHz; Test Mode)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
2480.000000	1.7	21.0	1.7	100.000	PASS



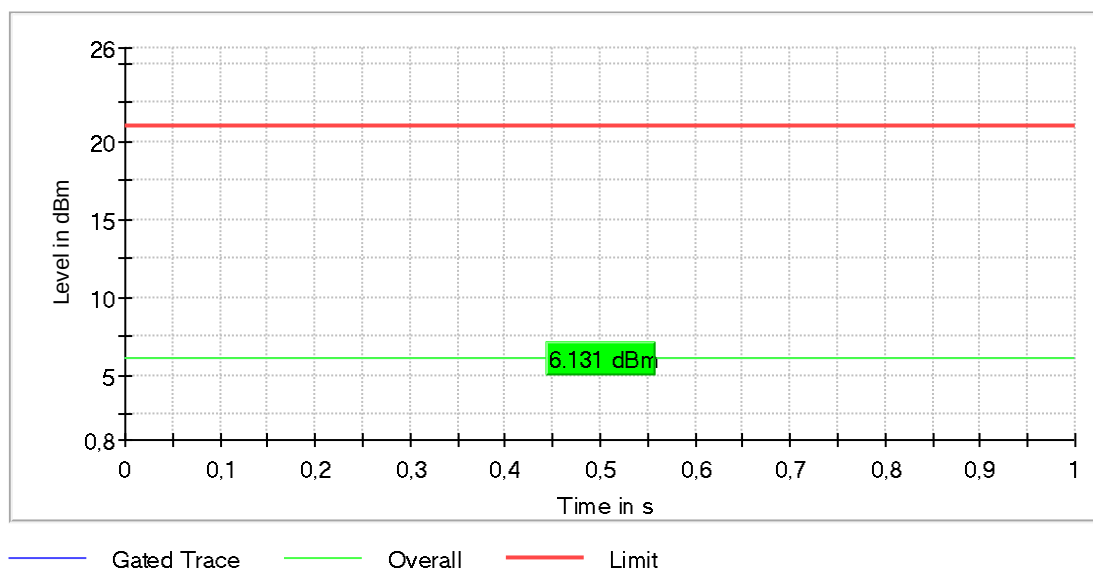
OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

RF output power (2402 MHz; non-Hopping [GFSK] (10 dBm); 1 MHz; Test Mode)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
2402.000000	6.1	21.0	6.1	100.000	PASS



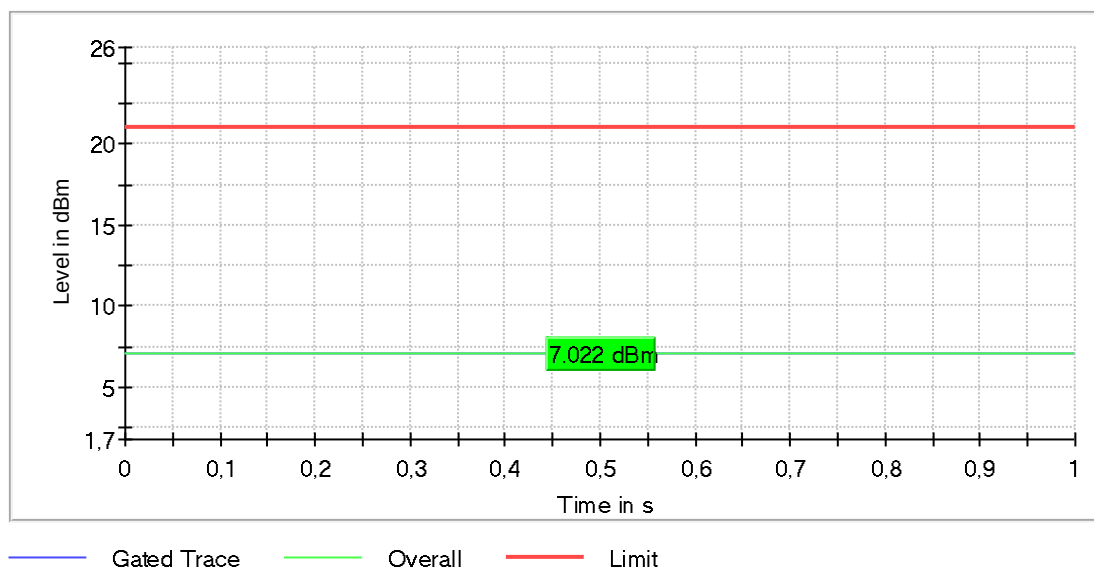
OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

RF output power (2441 MHz; non-Hopping [GFSK] (10 dBm); 1 MHz; Test Mode)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
2441.000000	7.0	21.0	7.0	100.000	PASS



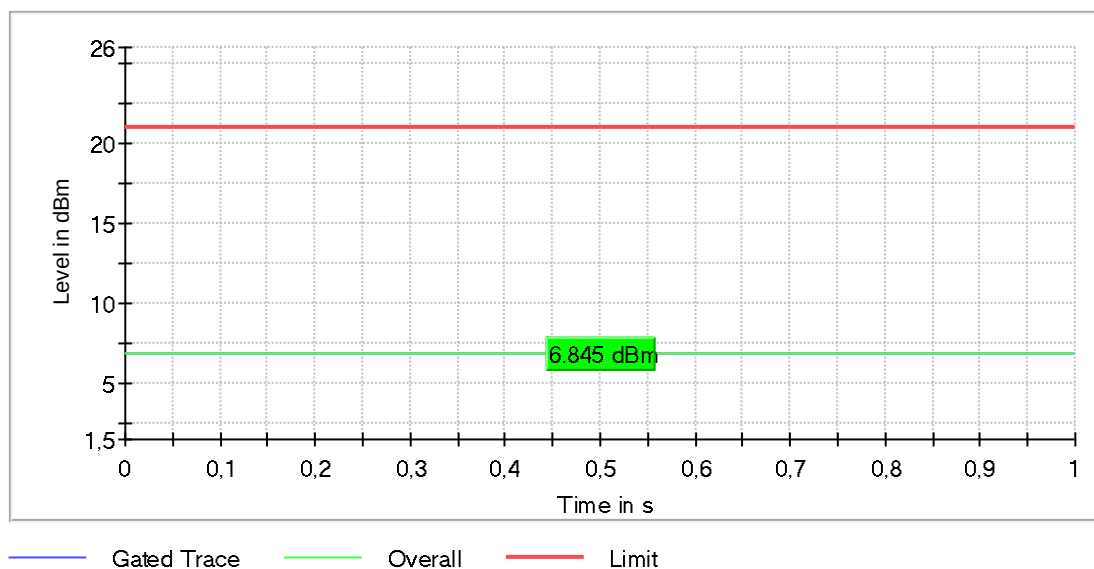
OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

RF output power (2480 MHz; non-Hopping [GFSK] (10 dBm); 1 MHz; Test Mode)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
2480.000000	6.8	21.0	6.8	100.000	PASS



OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

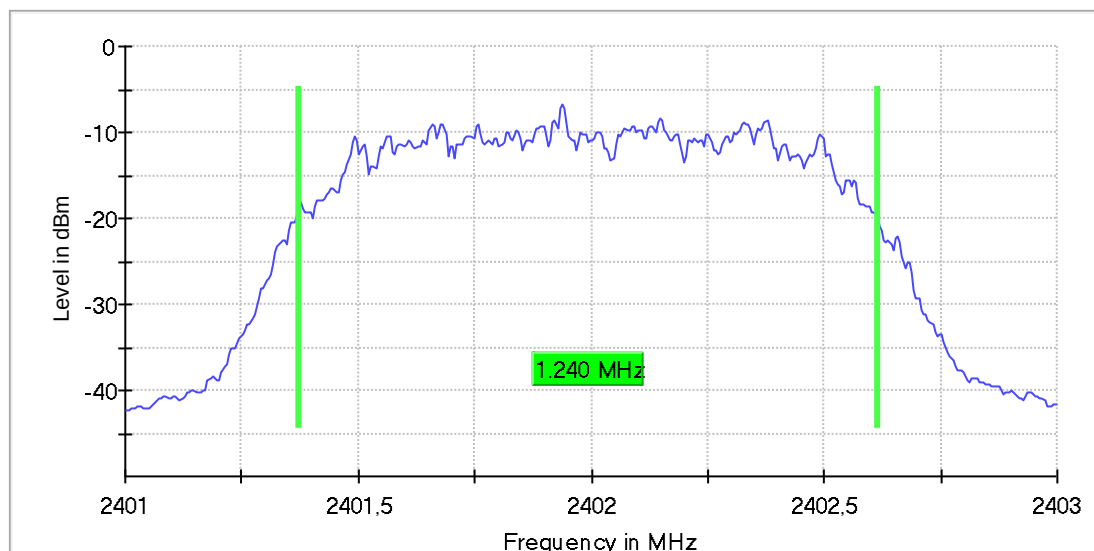
Occupied Channel Bandwidth 99% (2402 MHz; non-Hopping [GFSK] (10 dBm); 1 MHz; Test Mode)

99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	BE Left (MHz)	BE Right (MHz)
2402.000000	1.240000	---	---	2401.372500	2402.612500

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

DUT Frequency (MHz)	Result
2402.000000	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.40100 GHz	2.40100 GHz
Stop Frequency	2.40300 GHz	2.40300 GHz
Span	2.000 MHz	2.000 MHz
RBW	10.000 kHz	>= 10.000 kHz
VBW	30.000 kHz	>= 30.000 kHz
SweepPoints	400	~ 400
SweepTime	419.000 µs	AUTO
Reference Level	-10.000 dBm	-10.000 dBm
Attenuation	0.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	500	500
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	39 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.04 dB	0.30 dB

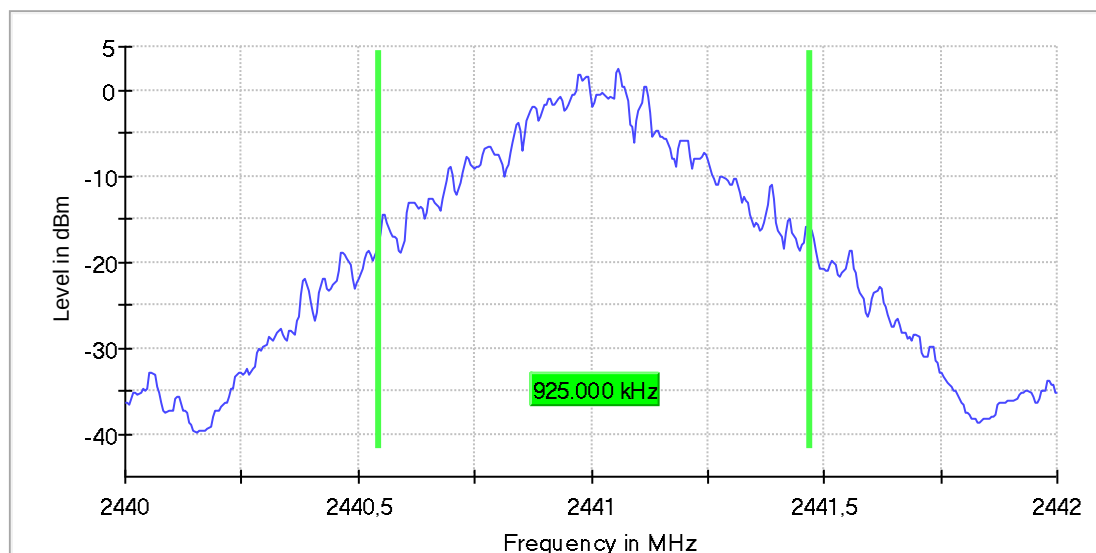
Occupied Channel Bandwidth 99% (2441 MHz; non-Hopping [GFSK] (10 dBm); 1 MHz; Test Mode)

99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	BE Left (MHz)	BE Right (MHz)
2441.000000	0.925000	---	---	2440.542500	2441.467500

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

DUT Frequency (MHz)	Result
2441.000000	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.44000 GHz	2.44000 GHz
Stop Frequency	2.44200 GHz	2.44200 GHz
Span	2.000 MHz	2.000 MHz
RBW	10.000 kHz	>= 10.000 kHz
VBW	30.000 kHz	>= 30.000 kHz
SweepPoints	400	~ 400
Sweeptime	419.000 μ s	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	500	500
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	14 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.27 dB	0.30 dB

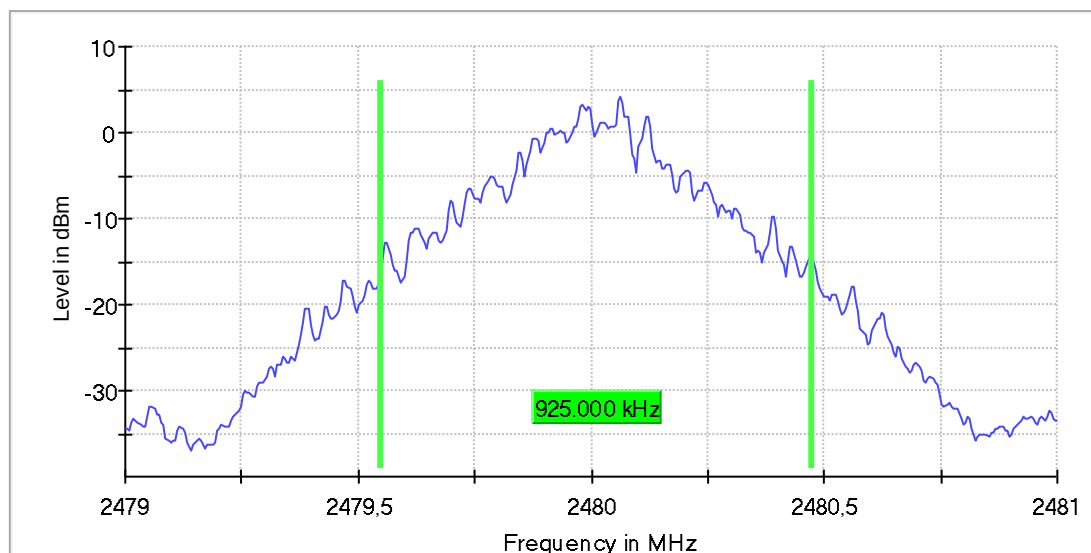
Occupied Channel Bandwidth 99% (2480 MHz; non-Hopping [GFSK] (10 dBm); 1 MHz; Test Mode)

99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	BE Left (MHz)	BE Right (MHz)
2480.000000	0.925000	---	---	2479.547500	2480.472500

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

DUT Frequency (MHz)	Result
2480.000000	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.47900 GHz	2.47900 GHz
Stop Frequency	2.48100 GHz	2.48100 GHz
Span	2.000 MHz	2.000 MHz
RBW	10.000 kHz	>= 10.000 kHz
VBW	30.000 kHz	>= 30.000 kHz
SweepPoints	400	~ 400
Sweeptime	419.000 μ s	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	500	500
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	21 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.21 dB	0.30 dB

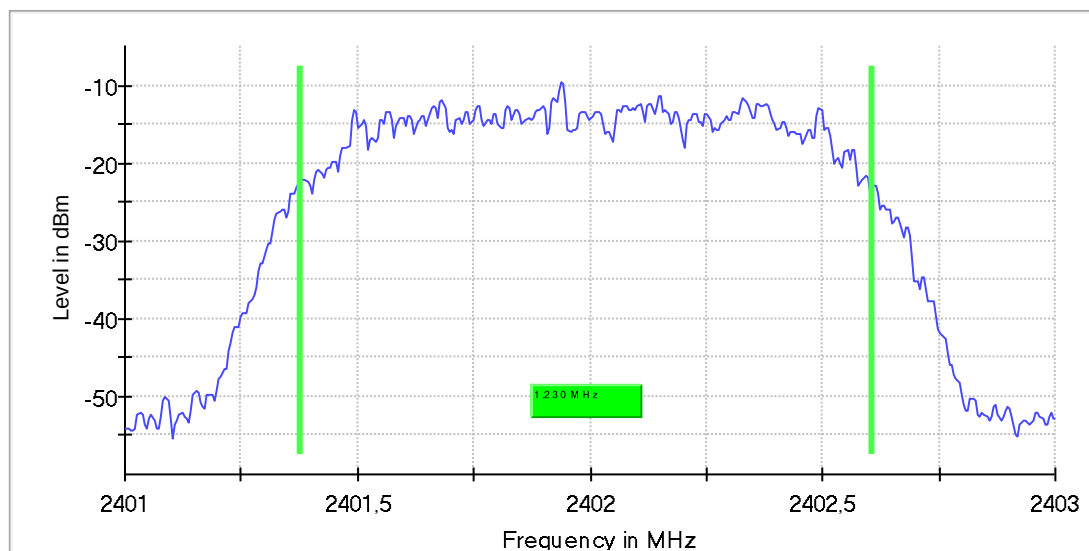
Occupied Channel Bandwidth 99% (2402 MHz; non-Hopping [8PSK] (10 dBm); 1 MHz; Test Mode)

99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2402.000000	1.230000	---	---	2401.377500	2402.607500

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

DUT Frequency (MHz)	Result
2402.000000	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.40100 GHz	2.40100 GHz
Stop Frequency	2.40300 GHz	2.40300 GHz
Span	2.000 MHz	2.000 MHz
RBW	10.000 kHz	>= 10.000 kHz
VBW	30.000 kHz	>= 30.000 kHz
SweepPoints	400	~ 400
SweepTime	419.000 μ s	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	500	500
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	7 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.18 dB	0.30 dB

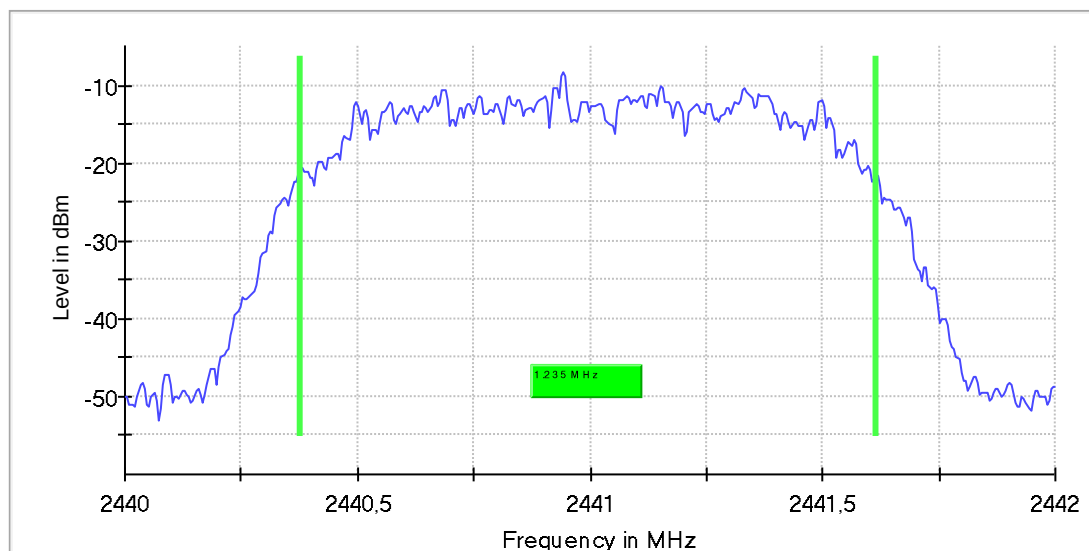
Occupied Channel Bandwidth 99% (2441 MHz; non-Hopping [8PSK] (10 dBm); 1 MHz; Test Mode)

99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2441.000000	1.235000	---	---	2440.377500	2441.612500

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

DUT Frequency (MHz)	Result
2441.000000	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.44000 GHz	2.44000 GHz
Stop Frequency	2.44200 GHz	2.44200 GHz
Span	2.000 MHz	2.000 MHz
RBW	10.000 kHz	>= 10.000 kHz
VBW	30.000 kHz	>= 30.000 kHz
SweepPoints	400	~ 400
SweepTime	419.000 µs	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	500	500
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	5 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.13 dB	0.30 dB

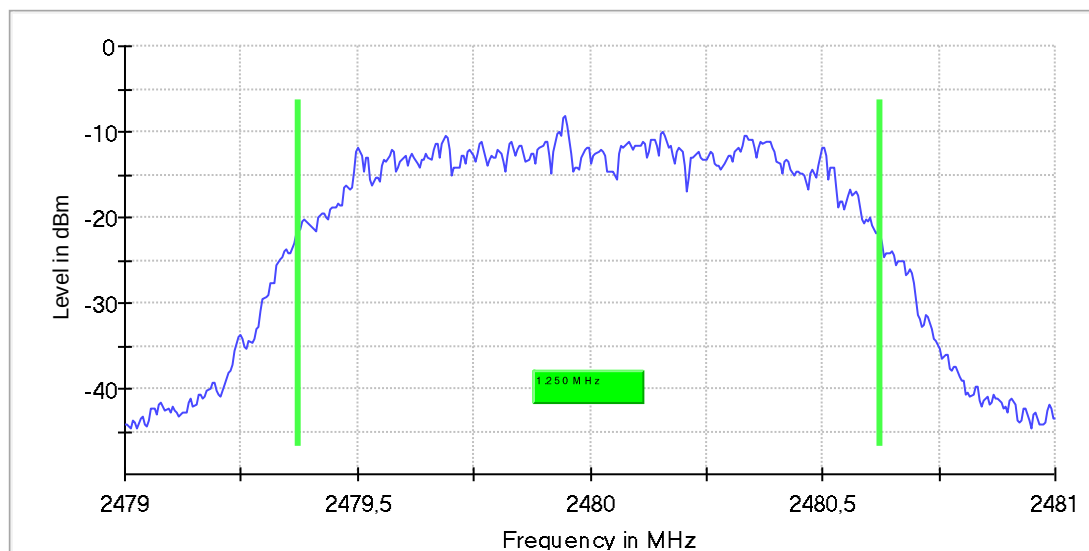
Occupied Channel Bandwidth 99% (2480 MHz; non-Hopping [8PSK] (10 dBm); 1 MHz; Test Mode)

99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2480.000000	1.250000	---	---	2479.372500	2480.622500

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

DUT Frequency (MHz)	Result
2480.000000	PASS



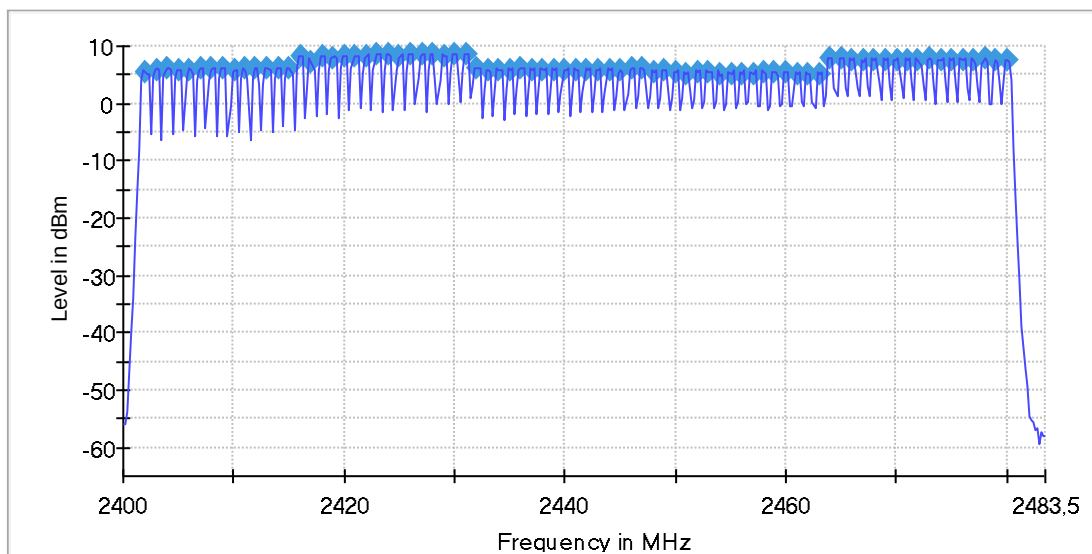
Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.47900 GHz	2.47900 GHz
Stop Frequency	2.48100 GHz	2.48100 GHz
Span	2.000 MHz	2.000 MHz
RBW	10.000 kHz	>= 10.000 kHz
VBW	30.000 kHz	>= 30.000 kHz
SweepPoints	400	~ 400
Sweptime	419.000 μ s	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	500	500
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	4 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.16 dB	0.30 dB

Hopping Frequencies (frequency independent; Hopping [GFSK] (10 dBm); 1 MHz)

Channels

Channels	Limit Min	Limit Max	Result
79	15	---	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.40000 GHz	2.40000 GHz
Stop Frequency	2.48350 GHz	2.48350 GHz
Span	83.500 MHz	83.500 MHz
RBW	200.000 kHz	≤ 299.000 kHz
VBW	200.000 kHz	≥ 200.000 kHz
SweepPoints	418	~ 418
SweepTime	1.000 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	83 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.31 dB	0.50 dB

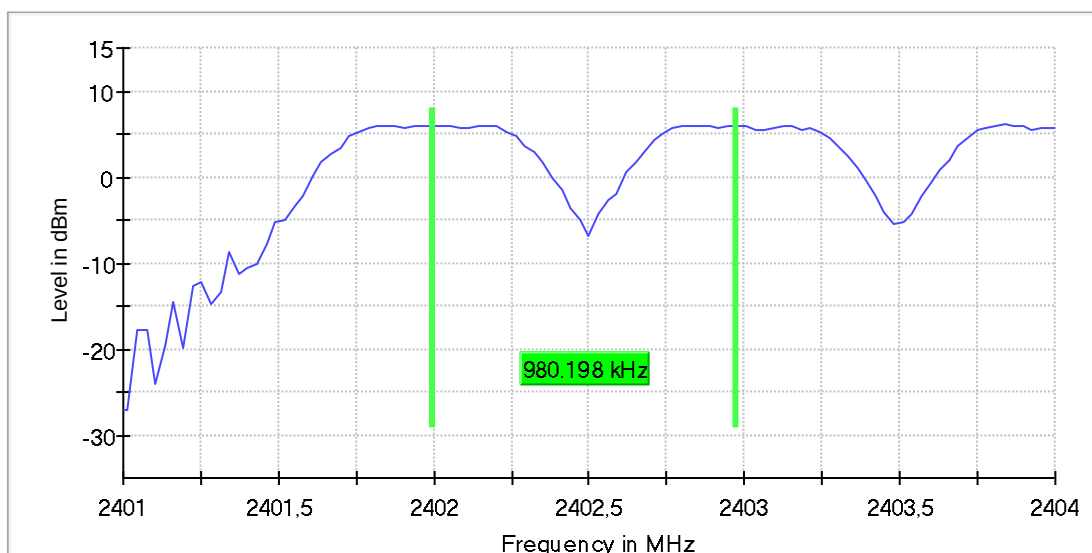
Carrier Frequency Separation (2402 MHz; Hopping [GFSK] (10 dBm); 1 MHz)

Result

DUT Frequency (MHz)	Frequency Separation (MHz)	Limit Min (MHz)	Limit Max (MHz)	Center Frequency low Channel (MHz)	Center Frequency high Channel (MHz)
2402.000000	0.980198	0.666667	---	2401.995050	2402.975248

(continuation of the "Result" table from column 6 ...)

DUT Frequency (MHz)	Result
2402.000000	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.40100 GHz	2.40100 GHz
Stop Frequency	2.40400 GHz	2.40400 GHz
Span	3.000 MHz	3.000 MHz
RBW	300.000 kHz	<= 300.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	101	~ 10
SweepTime	1.000 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	Sweep
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	25 / max. 150	max. 150
Stable	10 / 10	10
Max Stable Difference	0.00 dB	0.50 dB

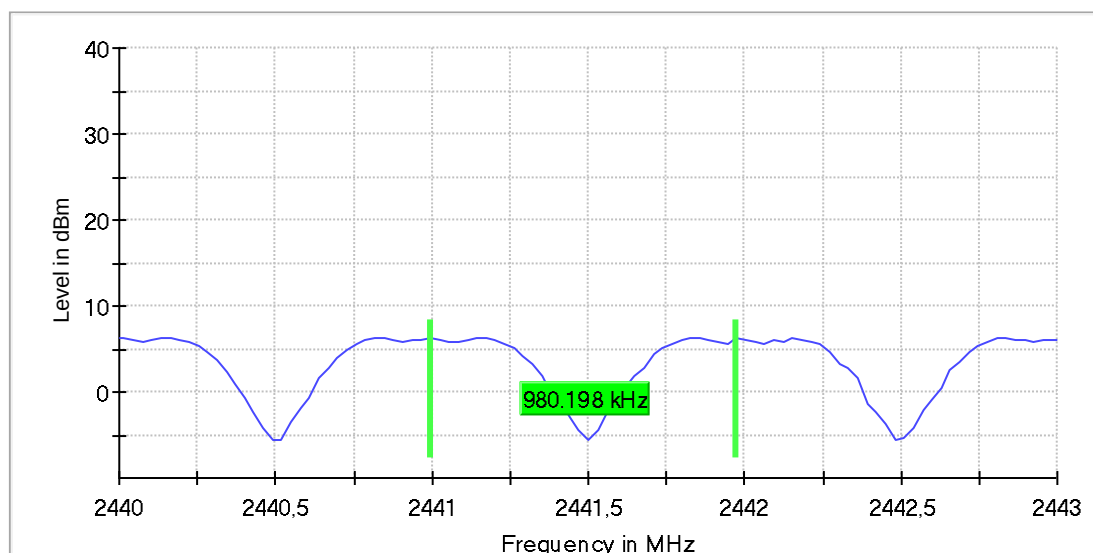
Carrier Frequency Separation (2441 MHz; Hopping [GFSK] (10 dBm); 1 MHz)

Result

DUT Frequency (MHz)	Frequency Separation (MHz)	Limit Min (MHz)	Limit Max (MHz)	Center Frequency low Channel (MHz)	Center Frequency high Channel (MHz)
2441.000000	0.980198	0.666667	---	2440.995050	2441.975248

(continuation of the "Result" table from column 6 ...)

DUT Frequency (MHz)	Result
2441.000000	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.44000 GHz	2.44000 GHz
Stop Frequency	2.44300 GHz	2.44300 GHz
Span	3.000 MHz	3.000 MHz
RBW	300.000 kHz	<= 300.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	101	~ 10
SweepTime	1.000 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	Sweep
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	26 / max. 150	max. 150
Stable	10 / 10	10
Max Stable Difference	0.00 dB	0.50 dB

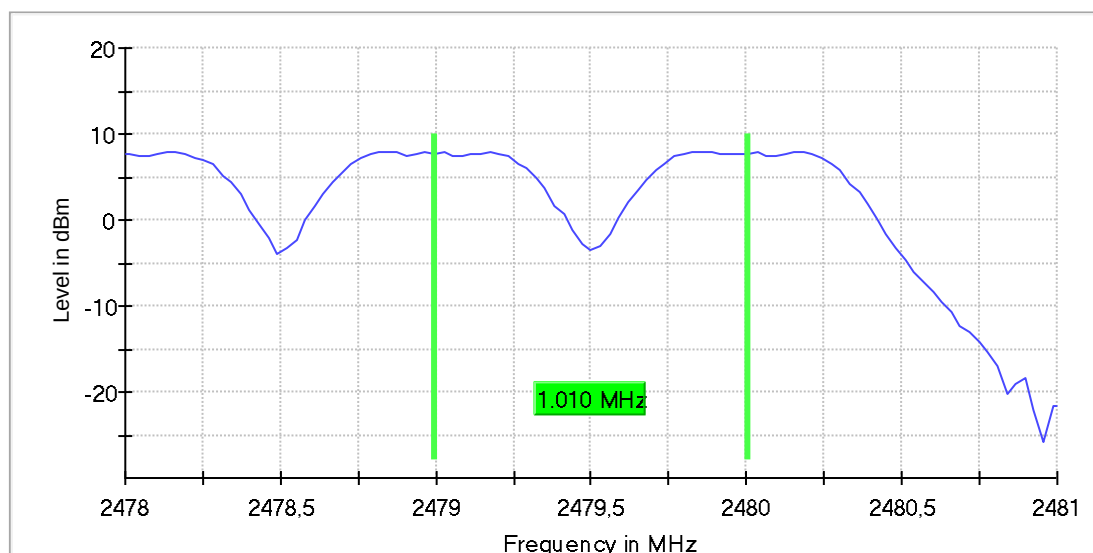
Carrier Frequency Separation (2480 MHz; Hopping [GFSK] (10 dBm); 1 MHz)

Result

DUT Frequency (MHz)	Frequency Separation (MHz)	Limit Min (MHz)	Limit Max (MHz)	Center Frequency low Channel (MHz)	Center Frequency high Channel (MHz)
2480.000000	1.009900	0.666667	---	2478.995050	2480.004950

(continuation of the "Result" table from column 6 ...)

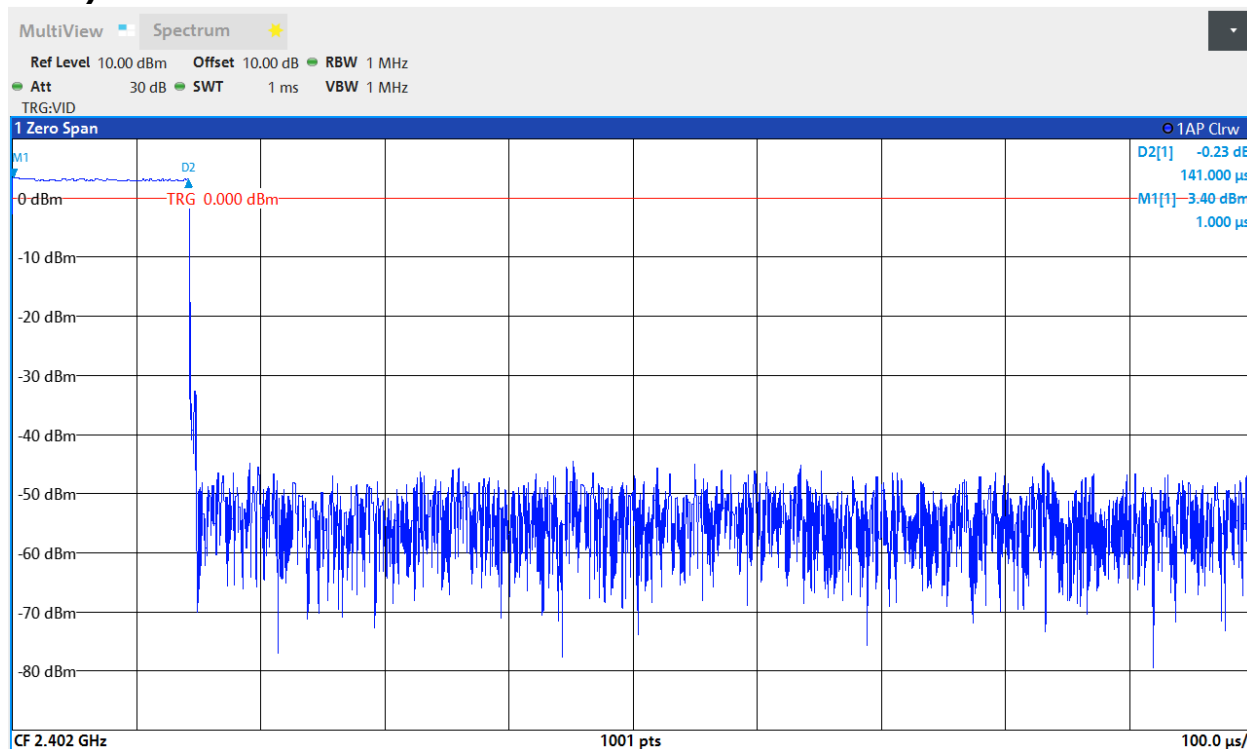
DUT Frequency (MHz)	Result
2480.000000	PASS



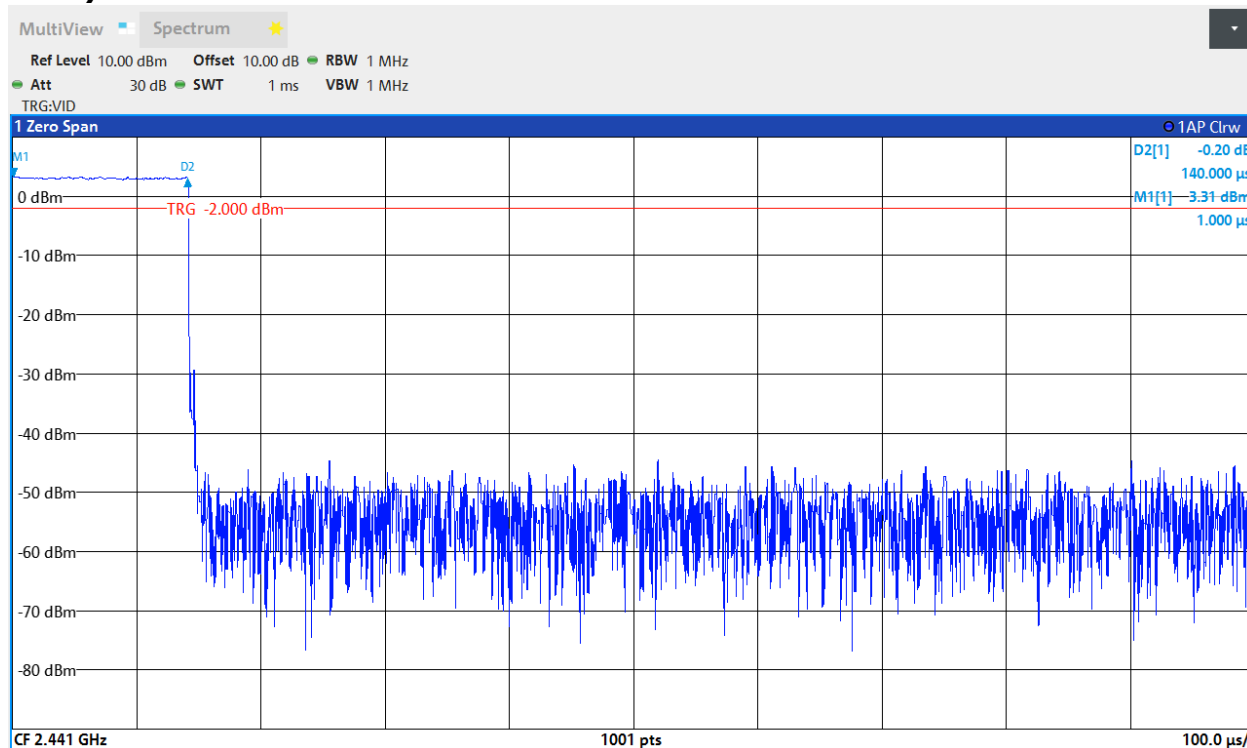
Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.47800 GHz	2.47800 GHz
Stop Frequency	2.48100 GHz	2.48100 GHz
Span	3.000 MHz	3.000 MHz
RBW	300.000 kHz	<= 300.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	101	~ 10
SweepTime	1.000 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	Sweep
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	23 / max. 150	max. 150
Stable	10 / 10	10
Max Stable Difference	0.01 dB	0.50 dB

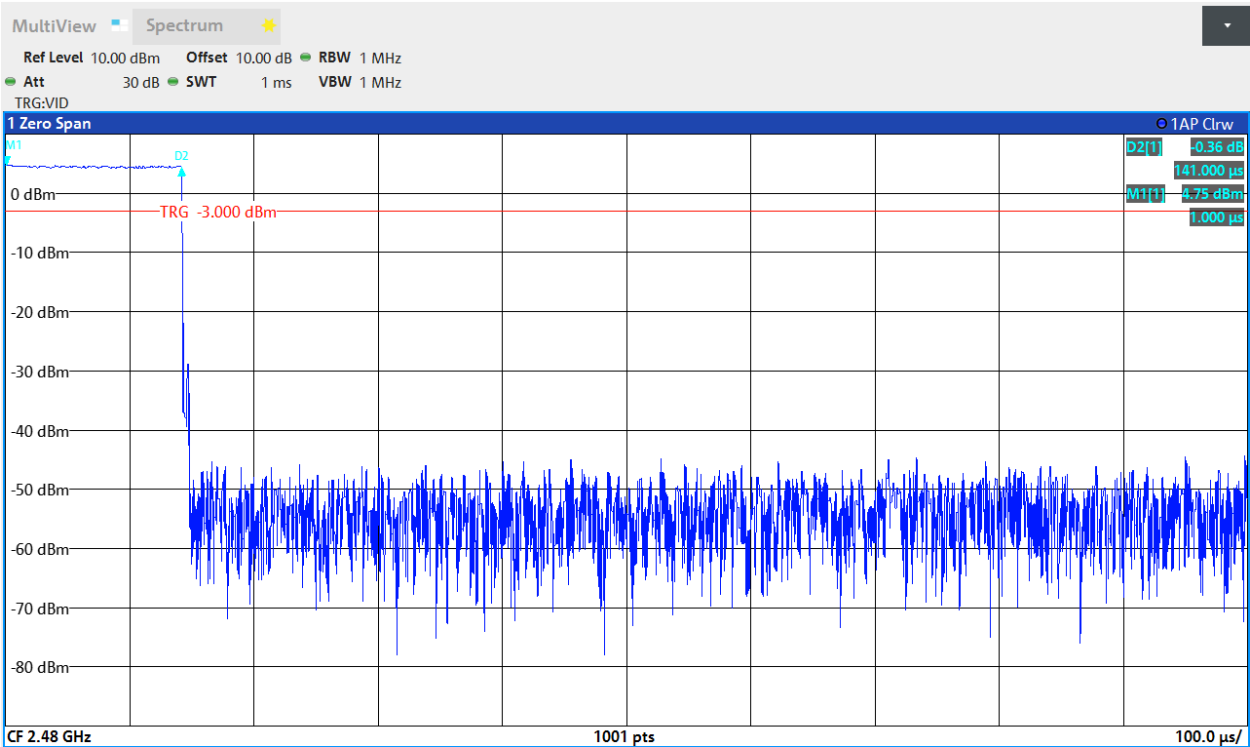
Channel occupancy time (2402 MHz; Hopping [GFSK] (10 dBm); 1 MHz)



Channel occupancy time (2441 MHz; Hopping [GFSK] (10 dBm); 1 MHz)



Channel occupancy time (2480 MHz; Hopping [GFSK] (10 dBm); 1 MHz)



Tx Spurious Emission (2402 MHz; non-Hopping [GFSK] (10 dBm); 1 MHz; Test Mode)

Result

DUT Frequency (MHz)	Result
2402.000000	PASS

Final measurements

Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
2399.659412	-2.7	-67.7	-31.7	35.9	PASS

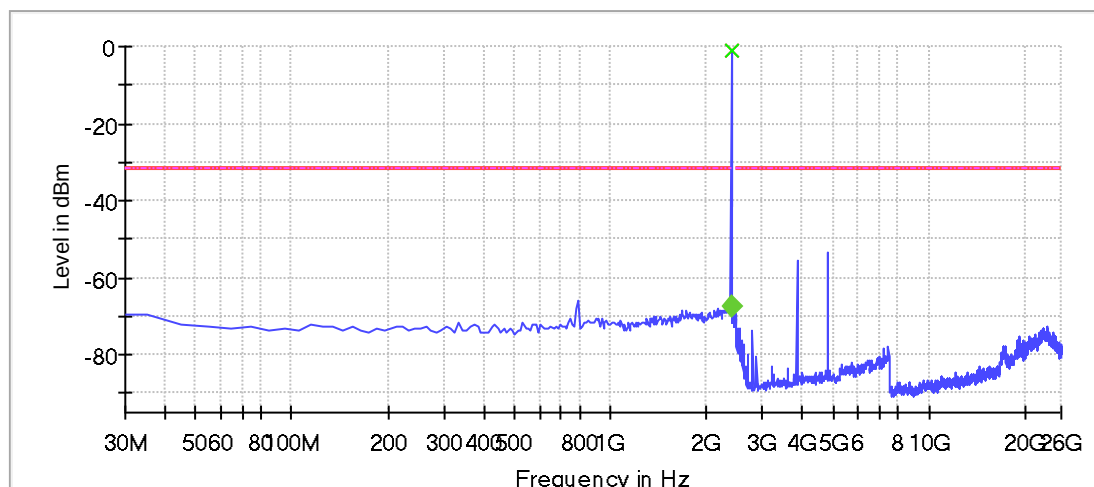
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
2395.021008	-0.8	-30.9	-31.7
4807.166065	-53.3	21.6	-31.7
3847.716851	-55.3	23.6	-31.7
791.785714	-66.0	34.2	-31.7
2165.987395	-67.9	36.2	-31.7
2385.063025	-68.0	36.3	-31.7
2355.189076	-68.0	36.3	-31.7
781.827731	-68.1	36.4	-31.7
2265.567227	-68.3	36.6	-31.7
2195.861345	-68.3	36.6	-31.7
1737.794118	-68.3	36.6	-31.7
1678.046218	-68.4	36.7	-31.7
2315.357143	-68.4	36.7	-31.7
2215.777311	-68.5	36.8	-31.7
2335.273109	-68.5	36.8	-31.7

Measurement Settings

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

Pre Measurements

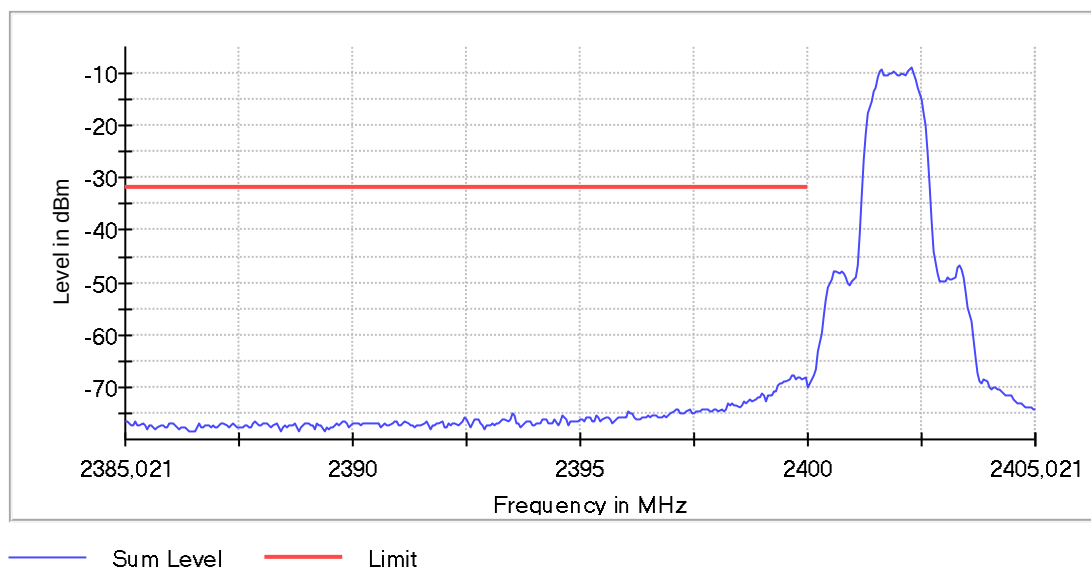


x Limit Final Critical
 ◆ Sum Level Fail
 ◆ Threshold Pass
 x Critical

Pre Measurement 1

Setting	Instrument Value	Target Value
RBW	100.000 kHz	≤ 100.000 kHz
VBW	300.000 kHz	≥ 300.000 kHz
SweepPoints	238	~ 238
Sweptime	23.700 ms	AUTO
Reference Level	-10.000 dBm	-30.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	3	3
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	4 / max. 40	max. 40
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.50 dB

Final Measurements



Final Measurement 1

Setting	Instrument Value	Target Value
RBW	100.000 kHz	≤ 100.000 kHz
VBW	300.000 kHz	≥ 300.000 kHz
SweepPoints	401	~ 401
Sweptime	1.000 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	20.000 dB	AUTO
Detector	Sample	Sample
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Average Linear	Average Linear
SweepType	Sweep	AUTO
Preamp	off	off

Tx Spurious Emission (2441 MHz; non-Hopping [GFSK] (10 dBm); 1 MHz; Test Mode)

Result

DUT Frequency (MHz)	Result
2441.000000	PASS

Final measurements

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

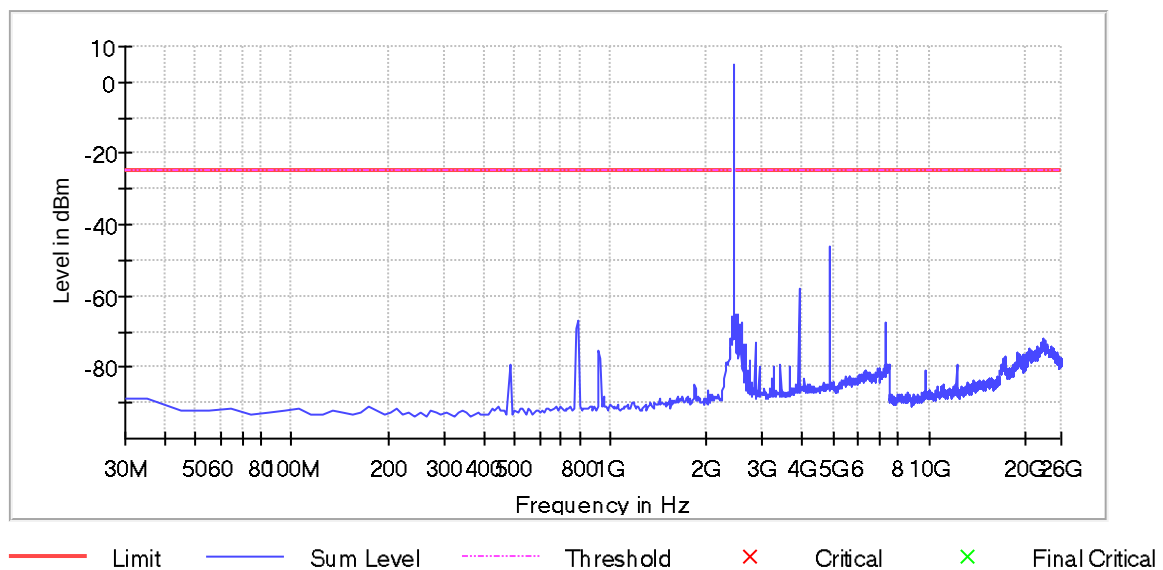
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
4877.125903	-46.0	21.1	-24.9
4887.120166	-47.8	22.9	-24.9
3907.682427	-57.7	32.9	-24.9
2518.479919	-65.3	40.4	-24.9
791.785714	-67.1	42.2	-24.9
2588.439758	-67.6	42.7	-24.9
7325.720251	-67.6	42.7	-24.9
2548.462707	-68.0	43.1	-24.9
781.827731	-69.1	44.2	-24.9
2395.021008	-71.8	47.0	-24.9
2385.063025	-71.9	47.0	-24.9
22806.833085	-71.9	47.0	-24.9
22946.752762	-72.4	47.5	-24.9
23086.672439	-72.6	47.7	-24.9
22906.775712	-72.7	47.8	-24.9

Measurement Settings

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

Pre Measurements



Pre Measurement 1

Setting	Instrument Value	Target Value
RBW	100.000 kHz	≤ 100.000 kHz
VBW	300.000 kHz	≥ 300.000 kHz
SweepPoints	238	~ 238
SweepTime	23.700 ms	AUTO
Reference Level	-30.000 dBm	-30.000 dBm
Attenuation	0.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	3	3
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	10 / max. 40	max. 40
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.50 dB

Tx Spurious Emission (2480 MHz; non-Hopping [GFSK] (10 dBm); 1 MHz; Test Mode)

Result

DUT Frequency (MHz)	Result
2480.000000	PASS

Final measurements

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

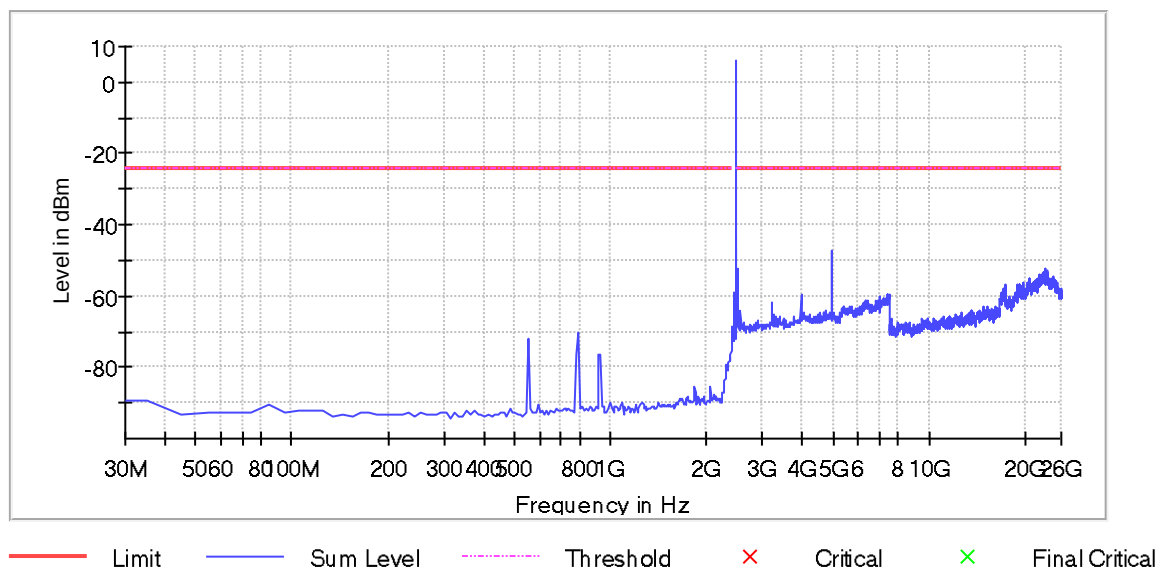
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
4957.080004	-47.0	23.0	-24.0
23066.683914	-52.1	28.1	-24.0
2498.491394	-52.4	28.4	-24.0
23506.431470	-52.7	28.7	-24.0
22966.741288	-53.1	29.1	-24.0
22986.729813	-53.2	29.2	-24.0
22946.752762	-53.3	29.2	-24.0
22756.861772	-53.4	29.4	-24.0
22686.901934	-53.4	29.4	-24.0
23536.414258	-53.5	29.5	-24.0
23376.506056	-53.5	29.5	-24.0
23446.465895	-53.6	29.6	-24.0
23386.500319	-53.7	29.7	-24.0
22866.798661	-53.8	29.8	-24.0
22816.827348	-53.8	29.8	-24.0

Measurement Settings

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

Pre Measurements



Pre Measurement 1

Setting	Instrument Value	Target Value
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	238	~ 238
SweepTime	23.700 ms	AUTO
Reference Level	-30.000 dBm	-30.000 dBm
Attenuation	0.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	3	3
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	6 / max. 40	max. 40
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.50 dB

Tx Spurious Emission (2402 MHz; non-Hopping [8PSK] (10 dBm); 1 MHz; Test Mode)

Result

DUT Frequency (MHz)	Result
2402.000000	PASS

Final measurements

Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
2399.908789	-1.3	-68.1	-21.3	46.8	PASS

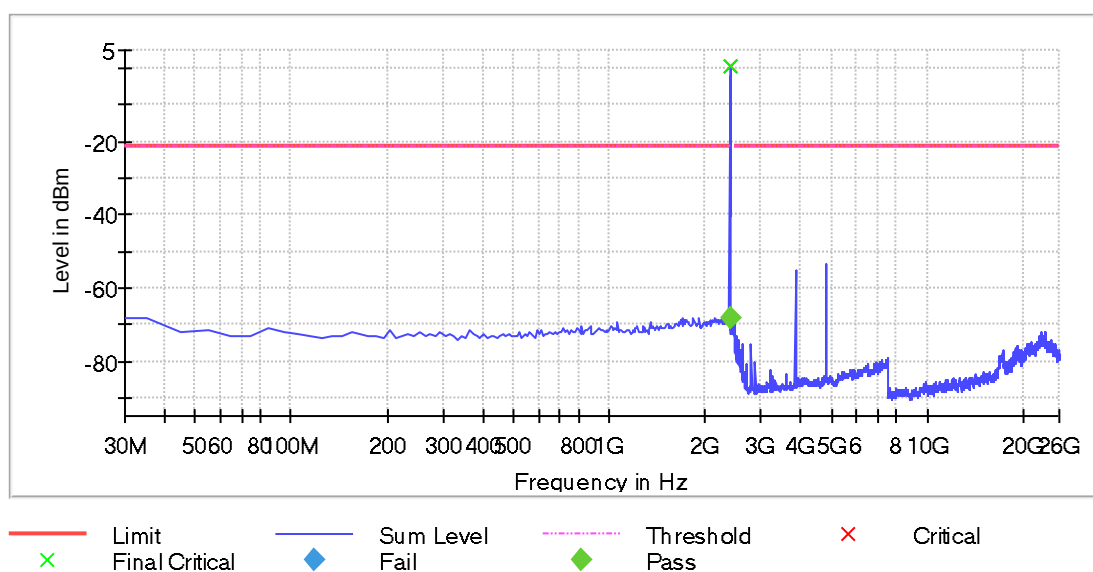
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
2395.021008	0.7	-22.0	-21.3
4807.166065	-53.5	32.2	-21.3
3847.716851	-55.1	33.8	-21.3
2365.147059	-67.4	46.1	-21.3
2355.189076	-67.6	46.3	-21.3
2325.315126	-67.7	46.4	-21.3
2335.273109	-68.0	46.6	-21.3
30.000000	-68.1	46.8	-21.3
2385.063025	-68.1	46.8	-21.3
34.978992	-68.1	46.8	-21.3
2285.483193	-68.2	46.8	-21.3
1697.962185	-68.2	46.9	-21.3
2295.441176	-68.3	47.0	-21.3
2345.231092	-68.3	47.0	-21.3
2255.609244	-68.3	47.0	-21.3

Measurement Settings

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

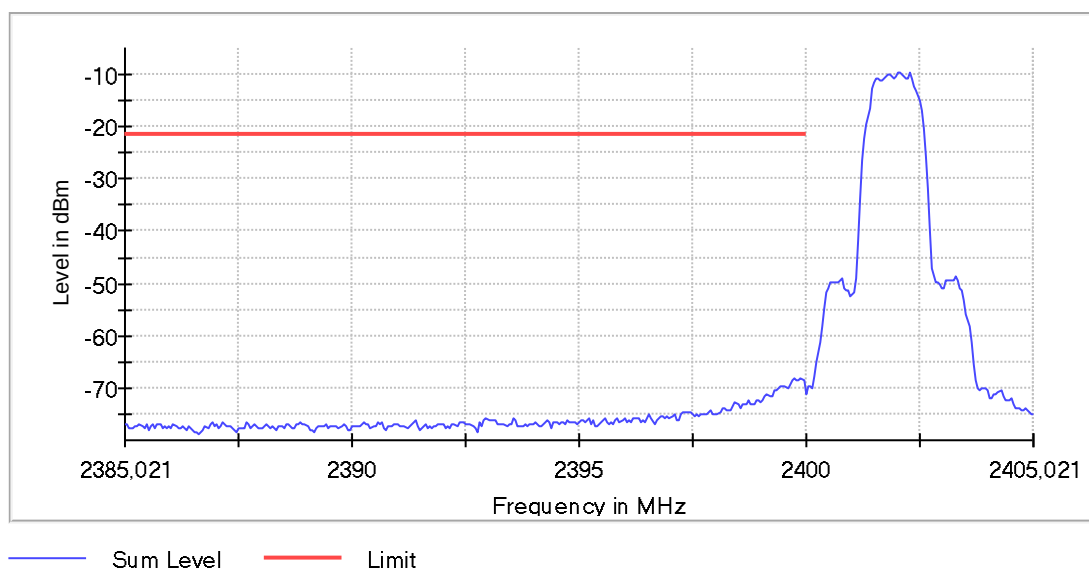
Pre Measurement Plot



Pre Measurement 1

Setting	Instrument Value	Target Value
RBW	100.000 kHz	≤ 100.000 kHz
VBW	300.000 kHz	≥ 300.000 kHz
SweepPoints	238	~ 238
SweepTime	23.700 ms	AUTO
Reference Level	-10.000 dBm	-30.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	3	3
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	8 / max. 40	max. 40
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.50 dB

Final Measurement Plot



Final Measurement 1

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

Tx Spurious Emission (2441 MHz; non-Hopping [8PSK] (10 dBm); 1 MHz; Test Mode)

Result

DUT Frequency (MHz)	Result
2441.000000	PASS

Final measurements

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

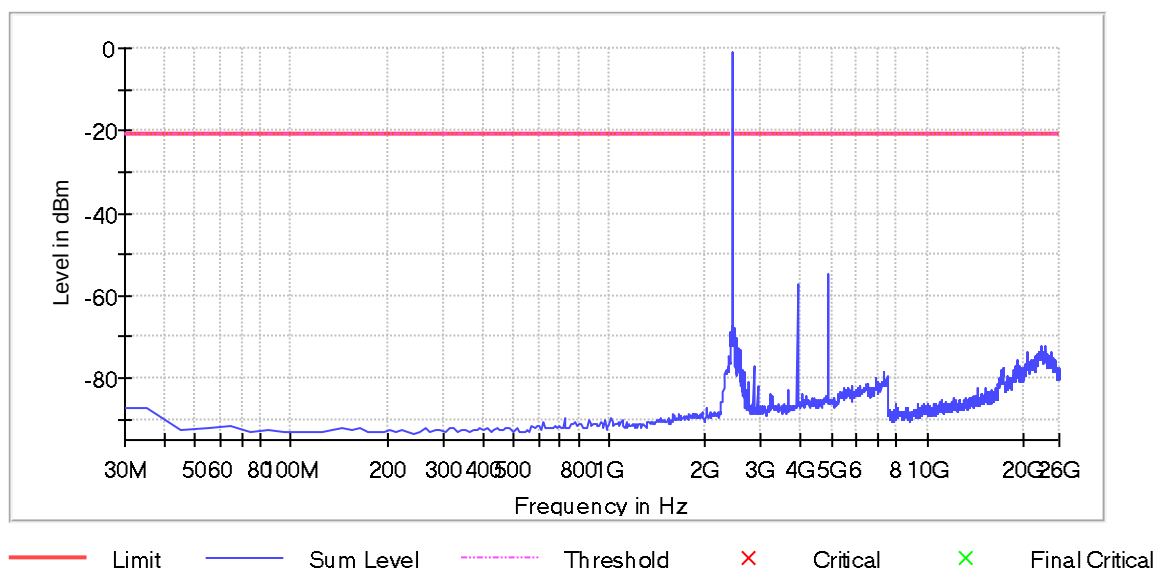
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
4887.120166	-54.8	34.0	-20.8
4877.125903	-55.0	34.2	-20.8
3907.682427	-57.0	36.2	-20.8
2518.479919	-70.2	49.4	-20.8
22746.867510	-72.2	51.5	-20.8
23536.414258	-72.4	51.7	-20.8
2558.456970	-72.5	51.8	-20.8
22836.815873	-72.6	51.8	-20.8
22986.729813	-73.2	52.4	-20.8
2588.439758	-73.2	52.4	-20.8
2548.462707	-73.3	52.5	-20.8
22806.833085	-73.5	52.7	-20.8
23016.712601	-73.6	52.8	-20.8
22856.804399	-73.7	52.9	-20.8
20578.112516	-73.7	52.9	-20.8

Measurement Settings

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

Pre Measurements



Pre Measurement 1

Setting	Instrument Value	Target Value
RBW	100.000 kHz	≤ 100.000 kHz
VBW	300.000 kHz	≥ 300.000 kHz
SweepPoints	238	~ 238
SweepTime	23.700 ms	AUTO
Reference Level	-30.000 dBm	-30.000 dBm
Attenuation	0.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	3	3
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	12 / max. 40	max. 40
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.50 dB

Tx Spurious Emission (2480 MHz; non-Hopping [8PSK] (10 dBm); 1 MHz; Test Mode)

Result

DUT Frequency (MHz)	Result
2480.000000	PASS

Final measurements

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

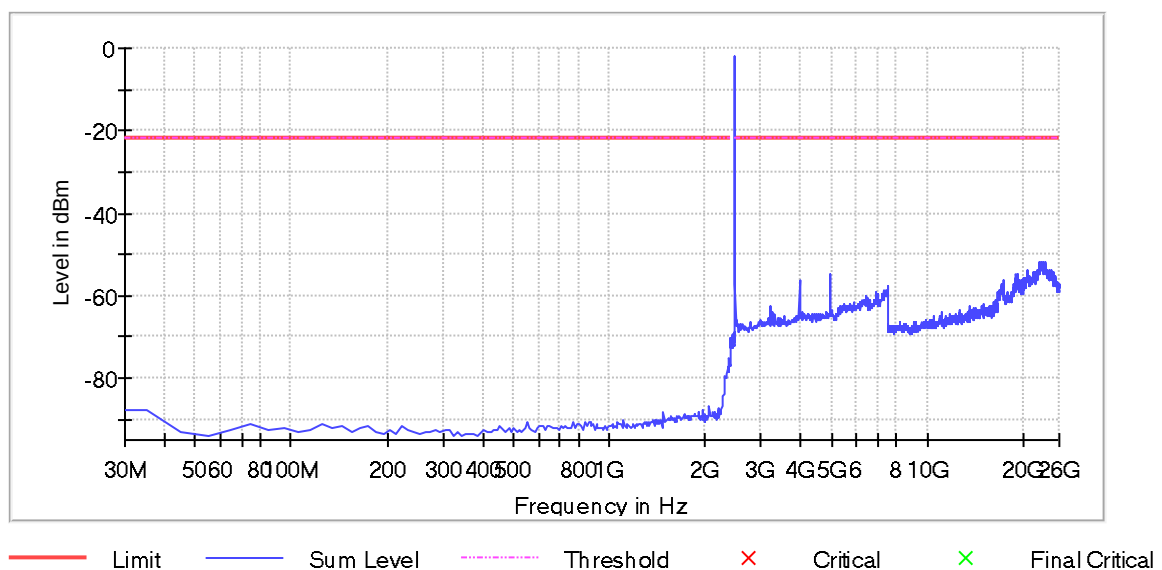
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
22996.724076	-51.8	29.8	-21.9
22976.735550	-51.8	29.8	-21.9
23016.712601	-51.8	29.9	-21.9
22646.924883	-51.9	30.0	-21.9
23466.454420	-52.0	30.1	-21.9
22836.815873	-52.2	30.2	-21.9
22926.764237	-52.2	30.3	-21.9
23086.672439	-52.3	30.4	-21.9
23416.483107	-52.3	30.4	-21.9
22487.016681	-52.3	30.4	-21.9
22956.747025	-52.3	30.4	-21.9
23076.678177	-52.4	30.5	-21.9
22896.781449	-52.6	30.7	-21.9
23126.649490	-52.6	30.7	-21.9
23066.683914	-52.7	30.7	-21.9

Measurement Settings

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

Pre Measurements



Pre Measurement 1

Setting	Instrument Value	Target Value
RBW	100.000 kHz	≤ 100.000 kHz
VBW	300.000 kHz	≥ 300.000 kHz
SweepPoints	238	~ 238
SweepTime	23.700 ms	AUTO
Reference Level	-30.000 dBm	-30.000 dBm
Attenuation	0.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	3	3
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	10 / max. 40	max. 40
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.50 dB

1.3 Radiated measurements

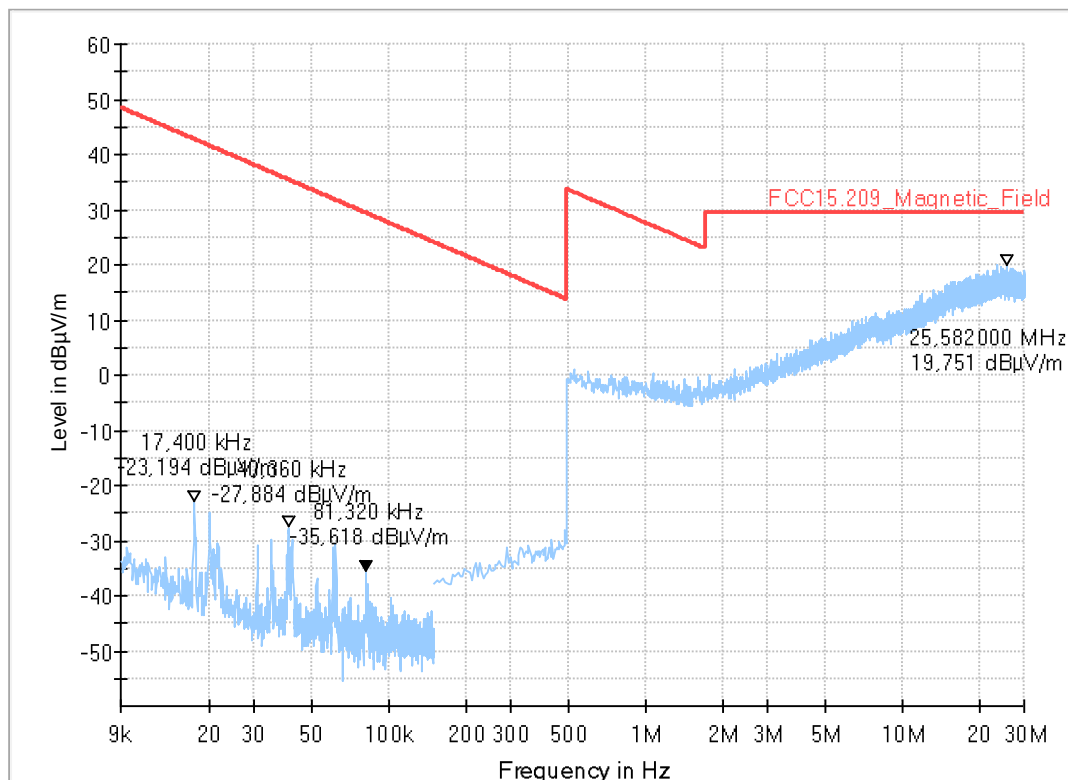
2.01a_BT_8PSK_low_standing

Common Information

Test Description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test Site Location:	Ref.-Nr. 441 Semi Anechoic Chamber (SAC1) with 3 m measurement distance
Version of Testsoftware:	EMC32 V10.50.0
Distance correction:	used accord. table, pls. see test report
Technical Data:	Please see page 2 for detailed data of measurement setup
Rec. antenna (pre-scan):	height 1.00 m, parallel and 90° to EUT polarisation
Used Filter:	bypass
Test Standard:	FCC 15.205 § 15.209; RSS-Gen: Issue 5
Operator:	TFa
Operating Mode:	BT TX ch2402
Power during tests:	120V/60Hz
Comment 1:	Channel low
Comment 2:	--
Environmental Conditions:	Humidity : 50% rH; Temperature: 20 °C
EUT Setup:	1
Verdict:	Pass
Comment:	--

EUT Information

PMT number:	19-1-01374S23_C01
Manufacturer:	Bosch Healthcare Solutions GmbH
	Full Spectrum



2.01b_BT_8PSK_low_laying

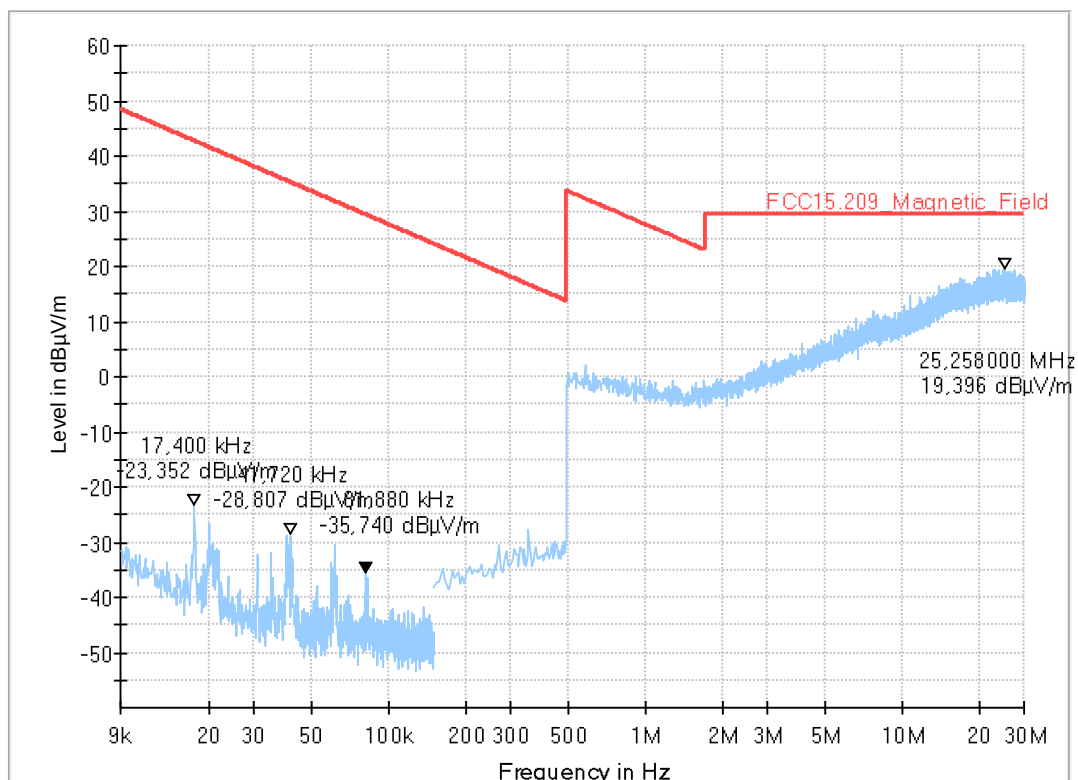
Common Information

Test Description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test Site Location:	Ref.-Nr. 441 Semi Anechoic Chamber (SAC1) with 3 m measurement distance
Version of Testsoftware:	EMC32 V10.50.0
Distance correction:	used accord. table, pls. see test report
Technical Data:	Please see page 2 for detailed data of measurement setup
Rec. antenna (pre-scan):	height 1.00 m, parallel and 90° to EUT polarisation
Used Filter:	bypass
Test Standard:	FCC 15.205 § 15.209; RSS-Gen: Issue 5

Operator:	TFa
Operating Mode:	BT TX ch2402
Power during tests:	120V/60Hz
Comment 1:	Channel low
Comment 2:	--
Environmental Conditions::	Humidity : 50% rH; Temperature: 20 °C
EUT Setup:	1
Verdict:	Pass
Comment:	--

EUT Information

PMT number:	19-1-01374S23_C01
Manufacturer:	Bosch Healthcare Solutions GmbH
	Full Spectrum



2.02a_BT_GFSK_mid_standing

Common Information

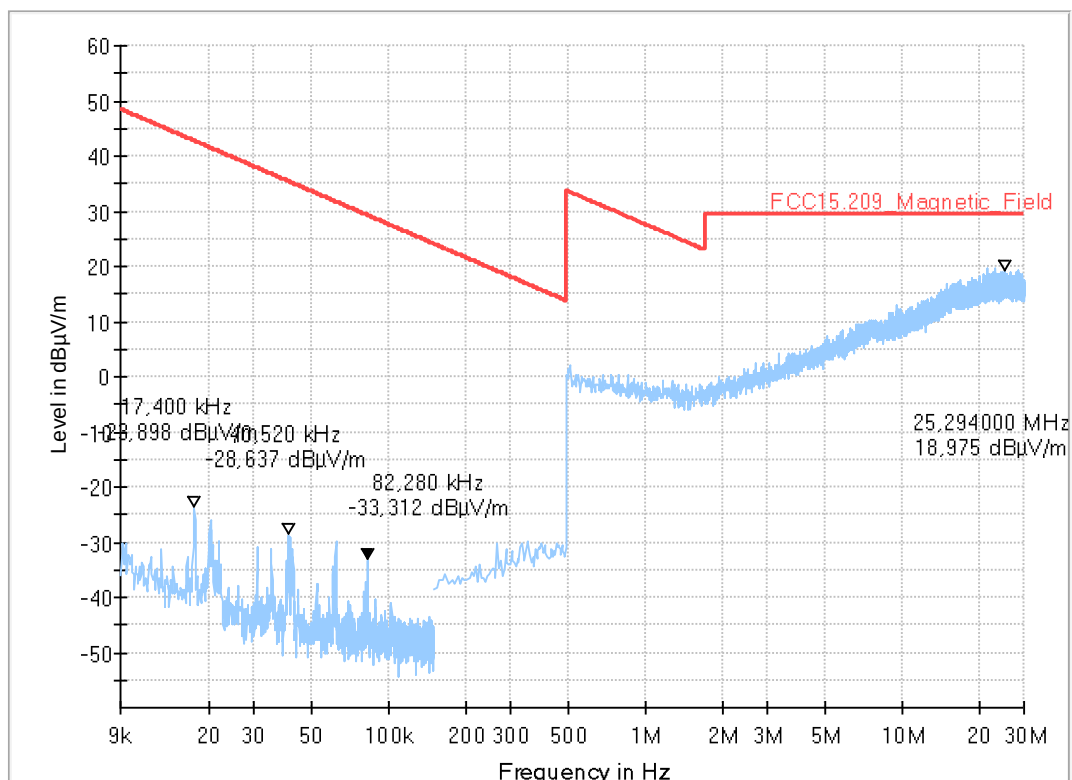
Test Description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test Site Location:	Ref.-Nr. 441 Semi Anechoic Chamber (SAC1) with 3 m measurement distance
Version of Testsoftware:	EMC32 V10.50.0
Distance correction:	used accord. table, pls. see test report
Technical Data:	Please see page 2 for detailed data of measurement setup
Rec. antenna (pre-scan):	height 1.00 m, parallel and 90° to EUT polarisation
Used Filter:	bypass
Test Standard:	FCC 15.205 § 15.209; RSS-Gen: Issue 5

Operator:	TFa
Operating Mode:	BT TX ch2441
Power during tests:	120V/60Hz
Comment 1:	Channel middle
Comment 2:	--
Environmental Conditions:	Humidity : 50% rH; Temperature: 20 °C
EUT Setup:	1
Verdict:	Pass
Comment:	--

EUT Information

PMT number:	19-1-01374S23_C01
Manufacturer:	Bosch Healthcare Solutions GmbH

Full Spectrum



2.02b_BT_GFSK_mid_laying

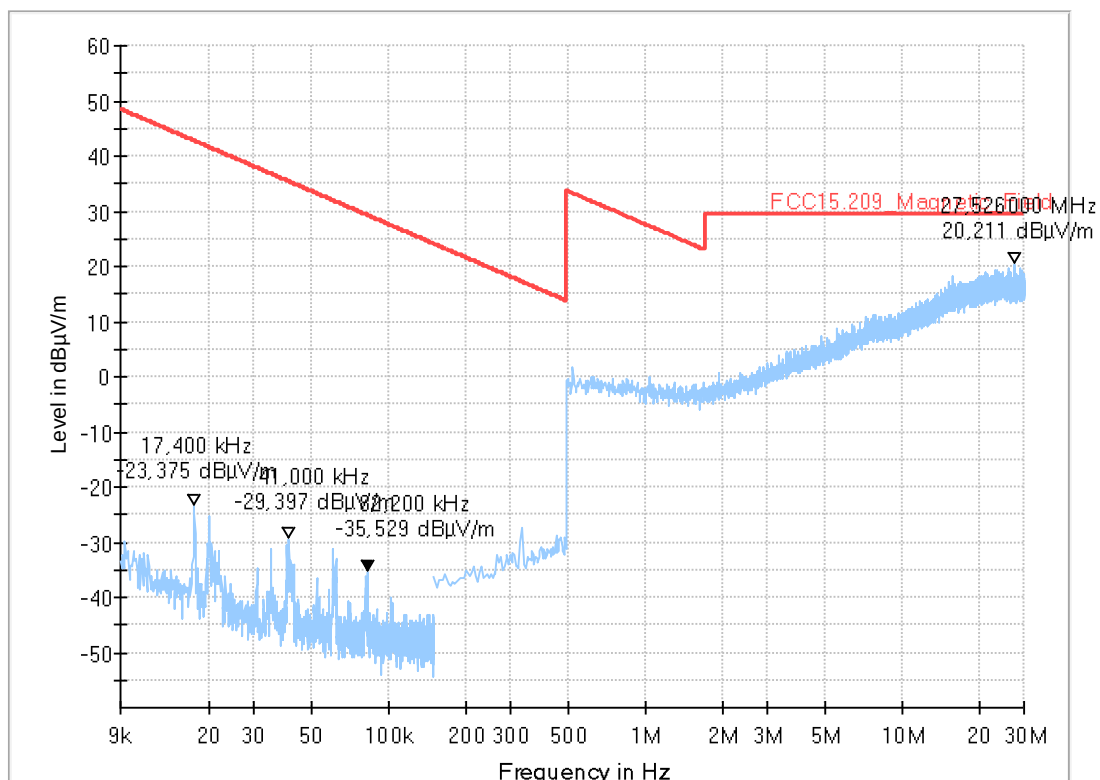
Common Information

Test Description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test Site Location:	Ref.-Nr. 441 Semi Anechoic Chamber (SAC1) with 3 m measurement distance
Version of Testsoftware:	EMC32 V10.50.0
Distance correction:	used accord. table, pls. see test report
Technical Data:	Please see page 2 for detailed data of measurement setup
Rec. antenna (pre-scan):	height 1.00 m, parallel and 90° to EUT polarisation
Used Filter:	bypass
Test Standard:	FCC 15.205 § 15.209; RSS-Gen: Issue 5

Operator:	TFa
Operating Mode:	BT TX ch2441
Power during tests:	120V/60Hz
Comment 1:	Channel middle
Comment 2:	--
Environmental Conditions::	Humidity : 50% rH; Temperature: 20 °C
EUT Setup:	1
Verdict:	Pass
Comment:	--

EUT Information

PMT number:	19-1-01374S23_C01
Manufacturer:	Bosch Healthcare Solutions GmbH
	Full Spectrum



2.03a_BT_GFSK_high_standing

Common Information

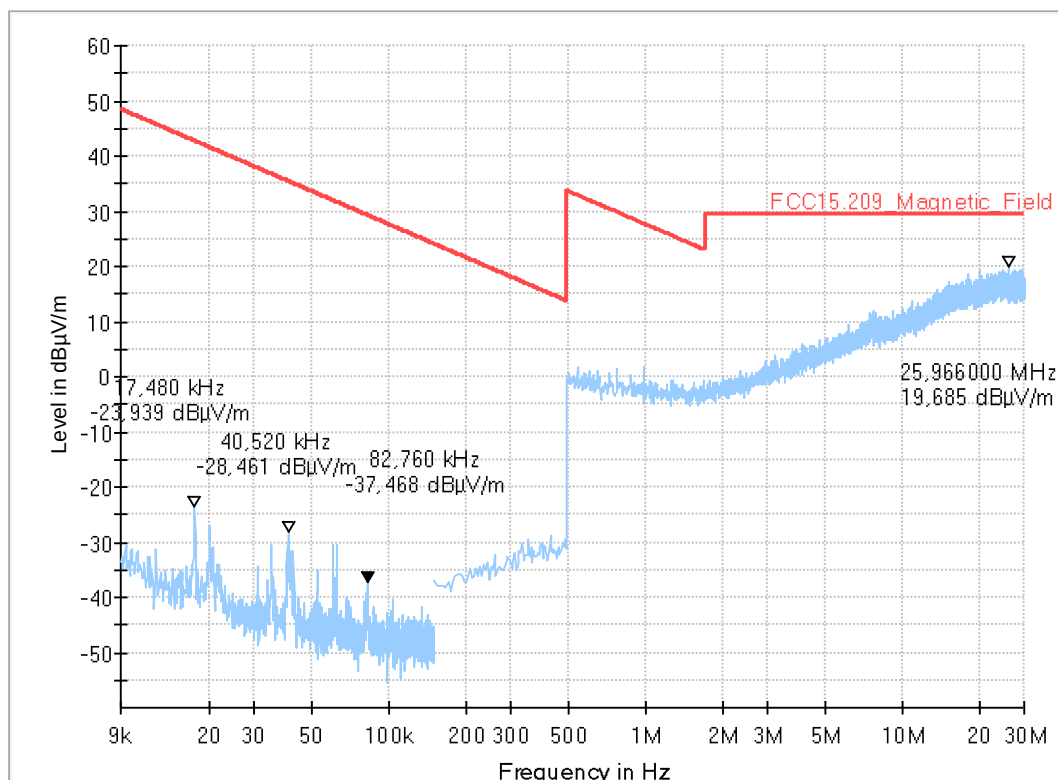
Test Description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test Site Location:	Ref.-Nr. 441 Semi Anechoic Chamber (SAC1) with 3 m measurement distance
Version of Testsoftware:	EMC32 V10.50.0
Distance correction:	used accord. table, pls. see test report
Technical Data:	Please see page 2 for detailed data of measurement setup
Rec. antenna (pre-scan):	height 1.00 m, parallel and 90° to EUT polarisation
Used Filter:	bypass
Test Standard:	FCC 15.205 § 15.209; RSS-Gen: Issue 5

Operator:	TFa
Operating Mode:	BT TX ch2480
Power during tests:	120V/60Hz
Comment 1:	Channel high
Comment 2:	--
Environmental Conditions:	Humidity : 50% rH; Temperature: 20 °C
EUT Setup:	1
Verdict:	Pass
Comment:	--

EUT Information

PMT number:	19-1-01374S23_C01
Manufacturer:	Bosch Healthcare Solutions GmbH

Full Spectrum



2.03b_BT_GFSK_high_laying

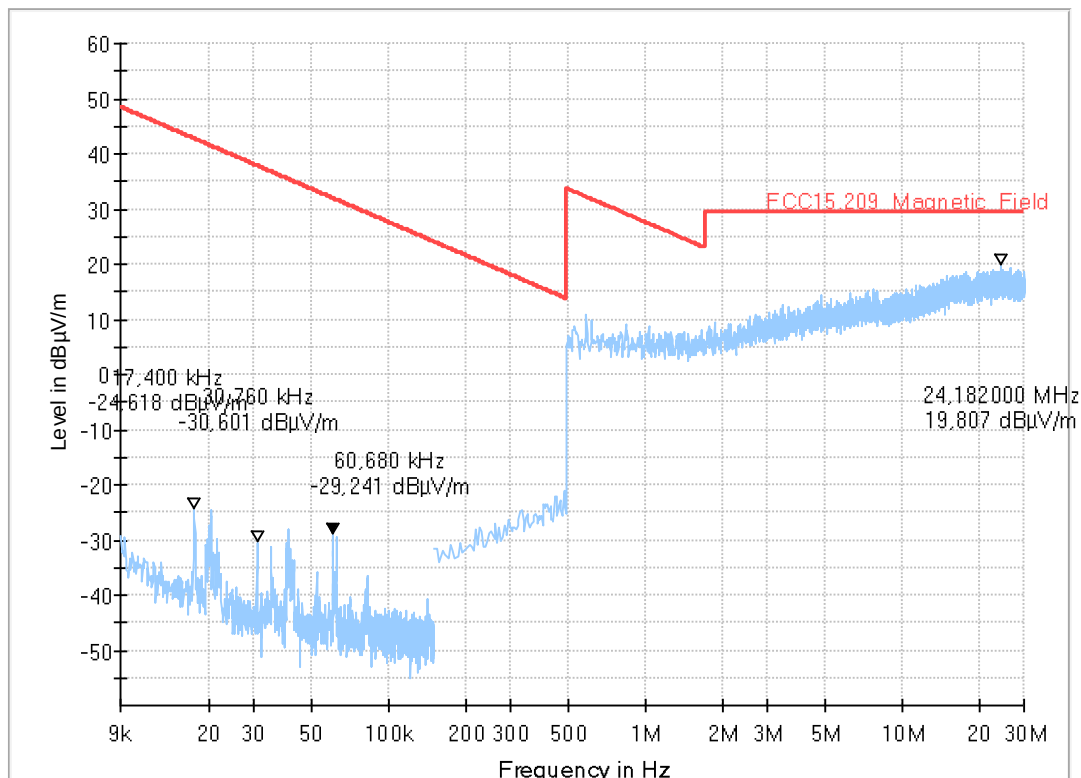
Common Information

Test Description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test Site Location:	Ref.-Nr. 441 Semi Anechoic Chamber (SAC1) with 3 m measurement distance
Version of Testsoftware:	EMC32 V10.50.0
Distance correction:	used accord. table, pls. see test report
Technical Data:	Please see page 2 for detailed data of measurement setup
Rec. antenna (pre-scan):	height 1.00 m, parallel and 90° to EUT polarisation
Used Filter:	bypass
Test Standard:	FCC 15.205 § 15.209; RSS-Gen: Issue 5

Operator:	TFa
Operating Mode:	BT TX ch2480
Power during tests:	120V/60Hz
Comment 1:	Channel high
Comment 2:	--
Environmental Conditions::	Humidity : 50% rH; Temperature: 20 °C
EUT Setup:	1
Verdict:	Pass
Comment:	--

EUT Information

PMT number:	19-1-01374S23_C01
Manufacturer:	Bosch Healthcare Solutions GmbH
	Full Spectrum

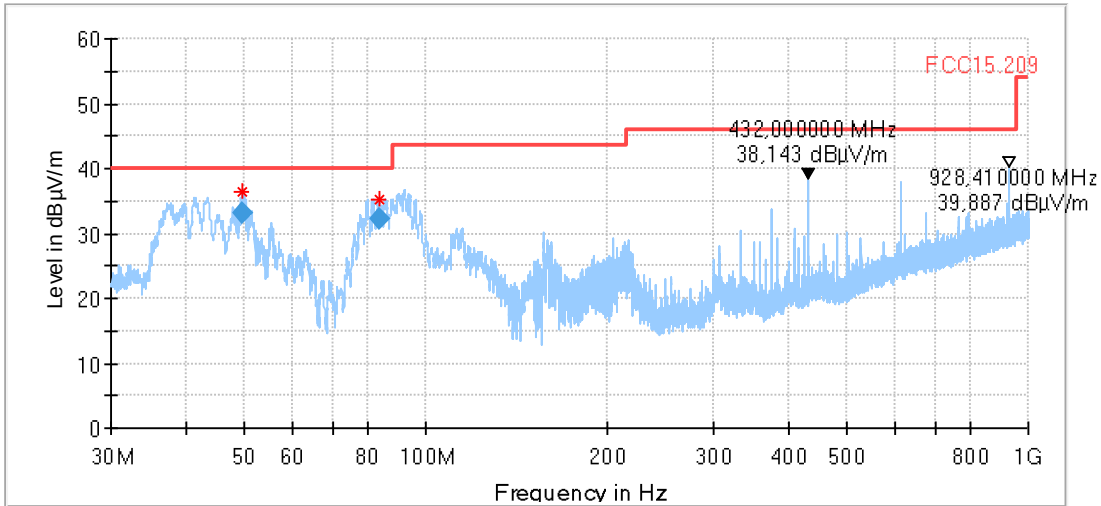


3.01a_BT_8PSK_low_standing

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.205&15.209 RSS Gen Issue 5 Intentional Radiator
Antenna polarisation:	horizontal/vertical
1.7Operating Mode:	BT Classic TX 8PSK ch2402
Environmental Conditions::	Humidity : 71% rH; Temperature: 21 °C
Operator:	npe
Verdict:	Pass

Full Spectrum



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

Final_Result

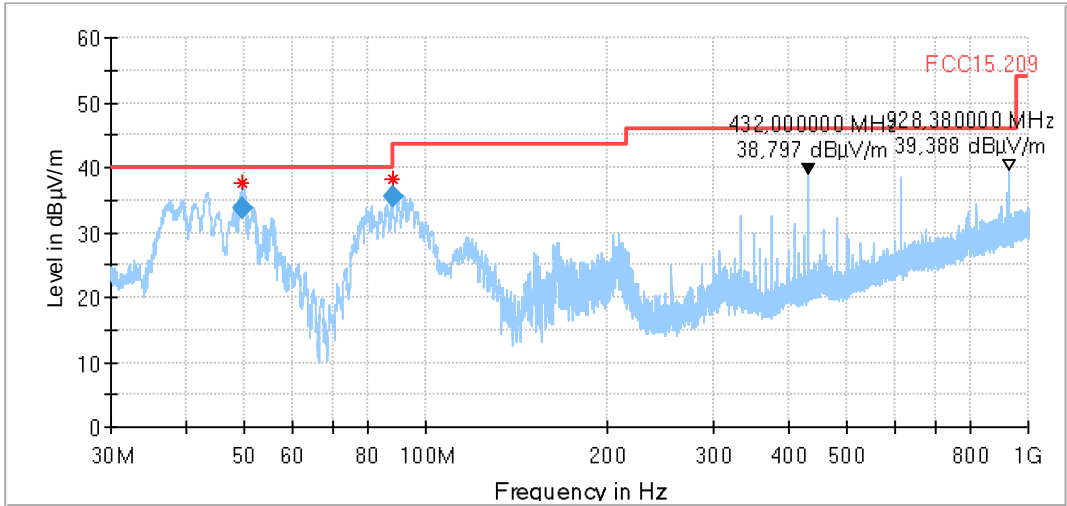
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
49.586000	33.15	40.00	6.85	1000.0	120.000	105.0	V	195.0	13.1
83.652000	32.26	40.00	7.74	1000.0	120.000	127.0	V	295.0	7.6

3.01b_BT_8PSK_low_laying

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.205&15.209 RSS Gen Issue 5 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operating Mode:	BT Classic TX 8PSK ch2402
Environmental Conditions:	Humidity : 71% rH; Temperature: 21 °C
Operator:	npe
Verdict:	Pass

Full Spectrum



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

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
49.576000	33.62	40.00	6.38	1000.0	120.000	109.0	V	262.0	13.1
87.906000	35.43	40.00	4.57	1000.0	120.000	359.0	H	202.0	8.1

3.02a_BT_GFSK_mid_standing

Common Information

Test Description:

Test Site:

Test Standard:

Antenna polarisation:

Operating Mode:

Environmental Conditions:

Operator:

Verdict:

Radiated field strength emission in 3m distance

CETECOM GmbH Essen

FCC 15.205&15.209 RSS Gen Issue 5 Intentional Radiator

horizontal/vertical

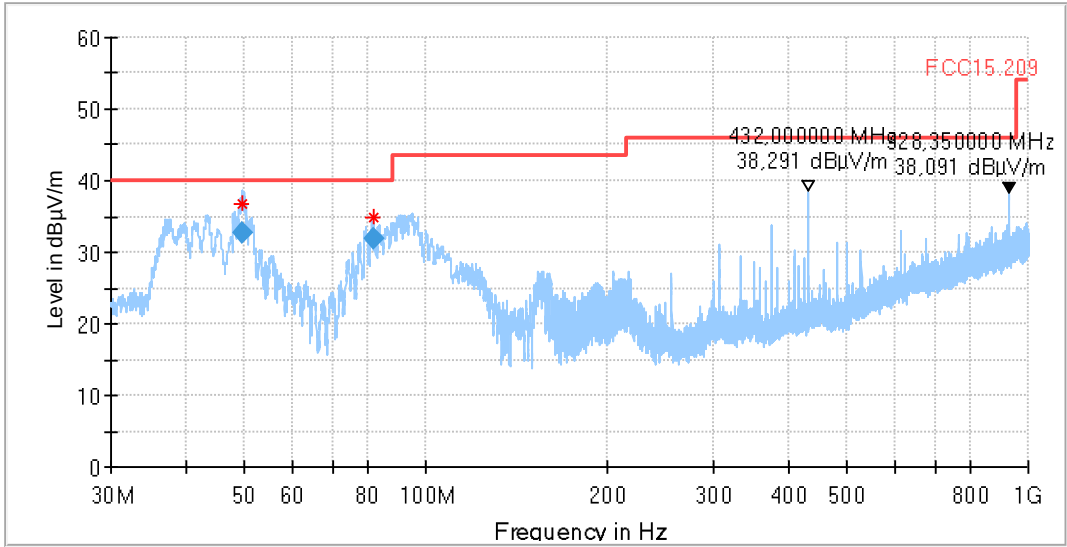
BT Classic TX GFSK ch2440

Humidity : 60% rH; Temperature: 20 °C

tfa

Pass

Full Spectrum



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

Final Result

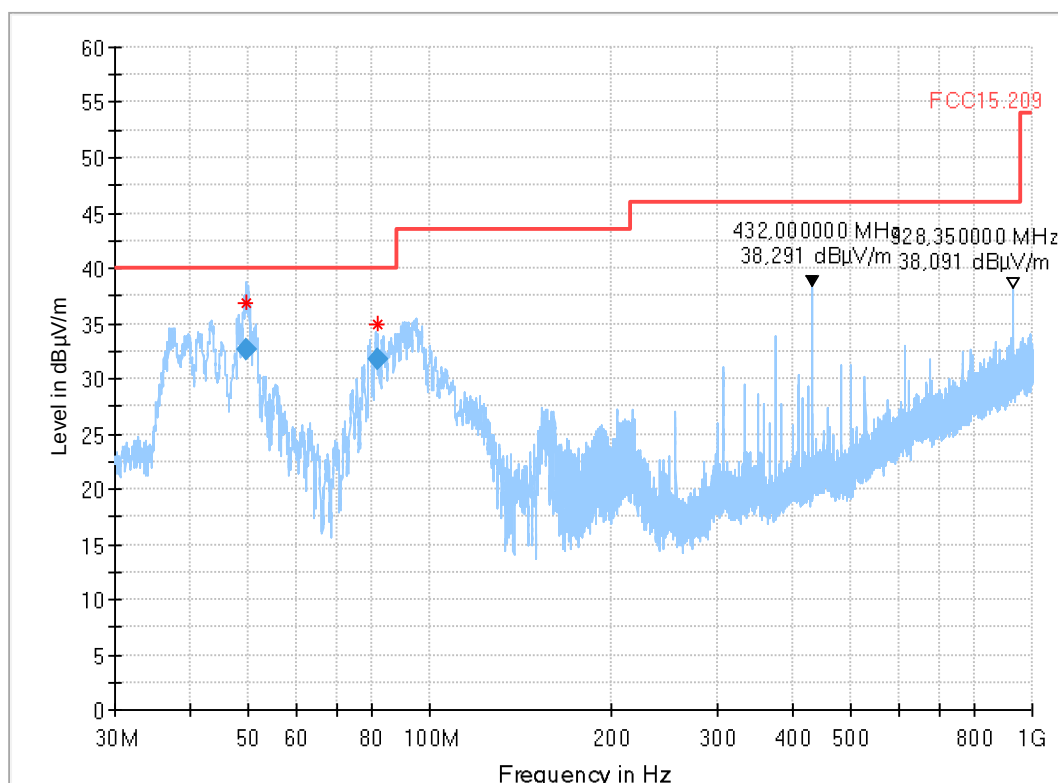
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
49.622000	32.66	40.00	7.34	1000.0	120.000	112.0	V	202.0	13.1
81.606000	31.76	40.00	8.24	1000.0	120.000	137.0	V	255.0	7.3

3.02b_BT_GFSK_mid_laying

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.205&15.209 RSS Gen Issue 5 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operating Mode:	BT Classic TX GFSK ch2440
Environmental Conditions:	Humidity : 60% rH; Temperature: 20 °C
Operator:	tfa
Verdict:	Pass

Full Spectrum



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

Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
49.622000	32.66	40.00	7.34	1000.0	120.000	112.0	V	202.0	13.1
81.606000	31.76	40.00	8.24	1000.0	120.000	137.0	V	255.0	7.3

(continuation of the "Final_Result" table from column 16 ...)

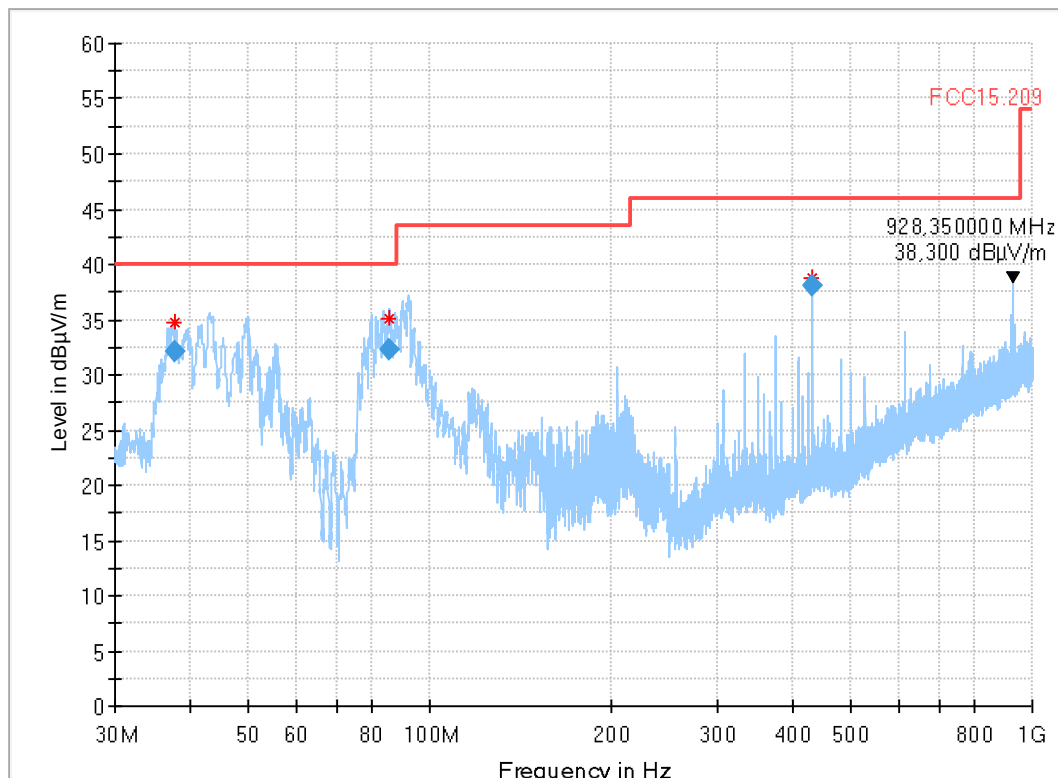
Frequency (MHz)	Comment
49.622000	15:45:17 - 17.08.2020
81.606000	15:50:12 - 17.08.2020

3.03a_BT_GFSK_high_standing

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.205&15.209 RSS Gen Issue 5 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operating Mode:	BT Classic TX 2DH1 ch2480
Environmental Conditions:	Humidity : 71% rH; Temperature: 21 °C
Operator:	npe
Verdict:	Pass

Full Spectrum



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

Final Result

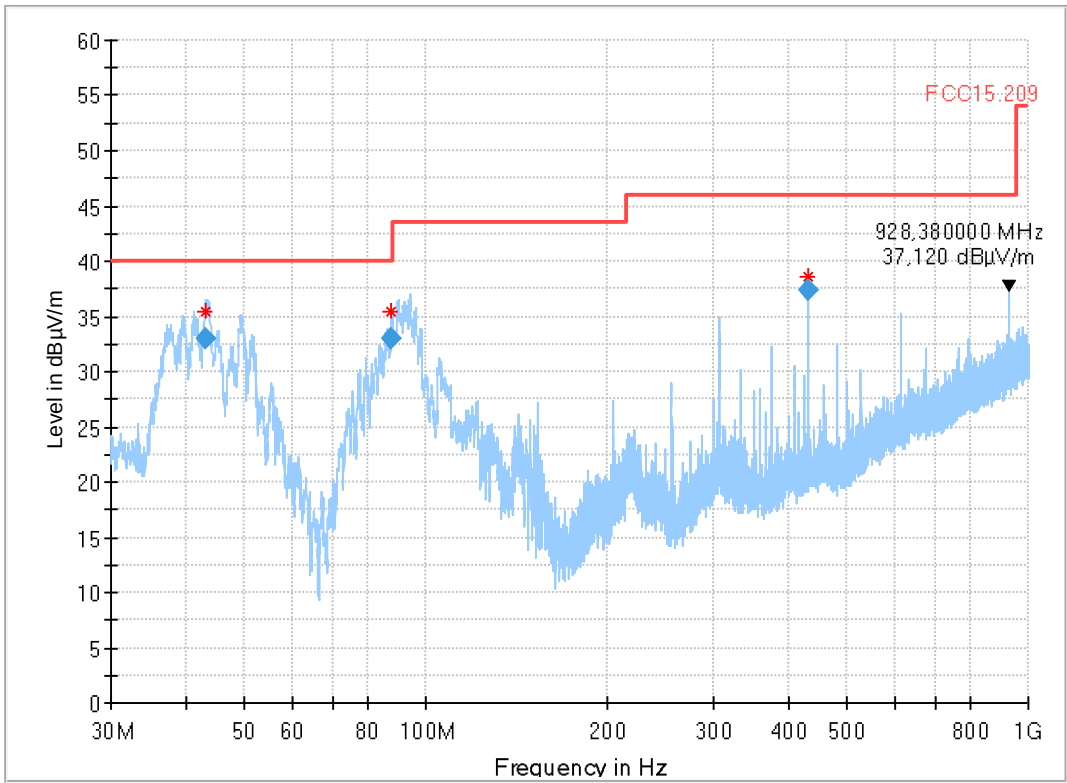
Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
37.764000	32.12	40.00	7.88	1000.0	120.000	212.0	H	162.0	18.1
85.656000	32.35	40.00	7.65	1000.0	120.000	145.0	V	278.0	7.9
431.992000	38.09	46.00	7.91	1000.0	120.000	105.0	V	192.0	19.3

3.03b_BT_GFSK_high_laying

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.205&15.209 RSS Gen Issue 5 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operating mode:	BT Classic TX 2DH1 ch2480
Environmental Conditions:	Humidity : 71% rH; Temperature: 21 °C
Operator:	npe
Verdict:	Pass

Full Spectrum



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

Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
43.182000	32.93	40.00	7.07	1000.0	120.000	109.0	V	194.0	15.8
87.802000	32.93	40.00	7.07	1000.0	120.000	139.0	V	320.0	8.1
431.992000	37.29	46.00	8.71	1000.0	120.000	105.0	V	175.0	19.3

4.01a_BT_8PSK_low

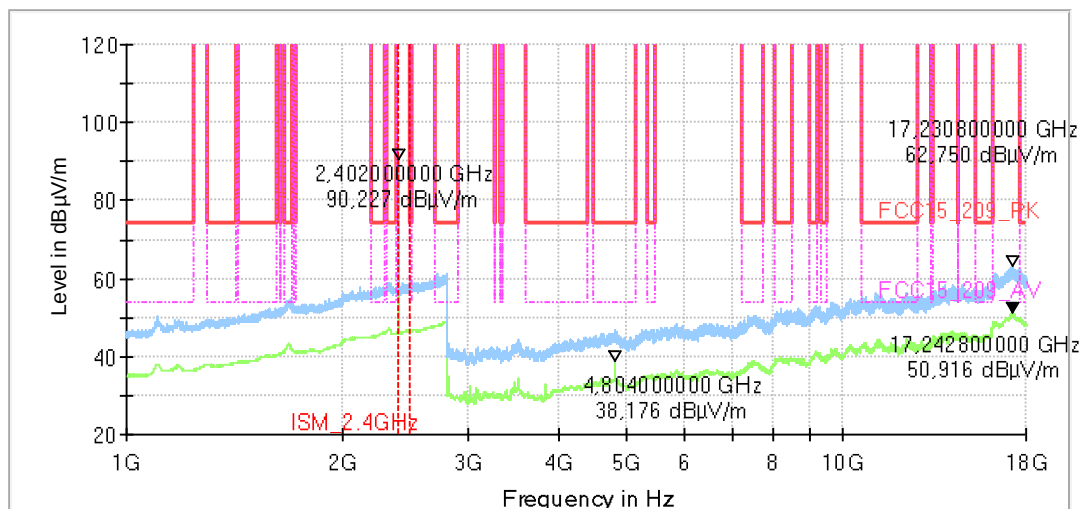
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5
Antenna polarisation:	horizontal/vertical
Operating Mode:	BT 8PSK ch low
Operator:	npe
Comment:	--
Comment2:	--
EUT Setup:	1
Verdict:	Pass

EUT Information

PMT number:	19-1-01374S23_C01
Manufacturer:	Bosch Healthcare Solutions GmbH

Full Spectrum



4.02a_BT_GFSK_mid

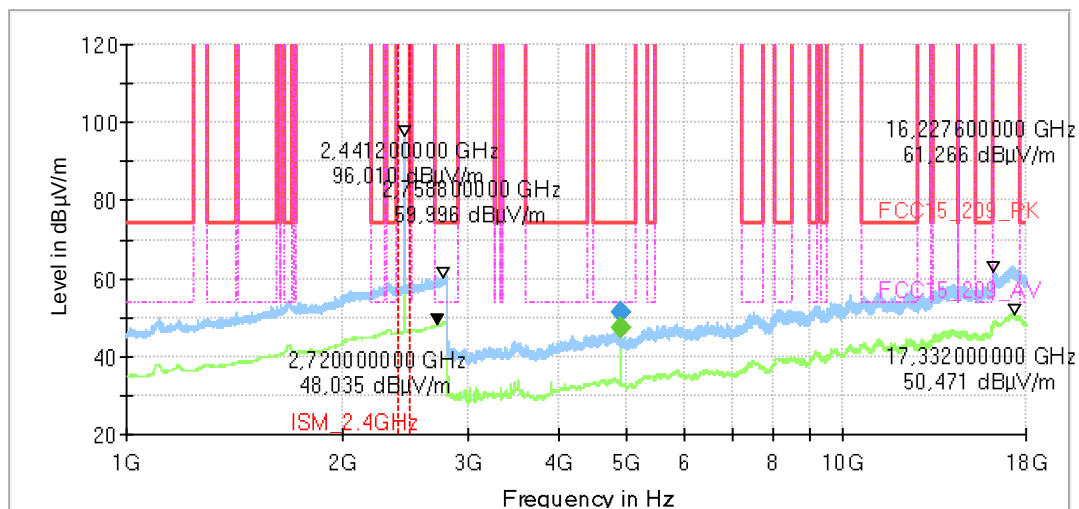
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5
Antenna polarisation:	horizontal/vertical
Operating Mode:	BT GFSK ch mid
Operator:	npe
Comment:	--
Comment2:	--
EUT Setup:	1
Verdict:	Pass

EUT Information

PMT number:	19-1-01374S23_C01
Manufacturer:	Bosch Healthcare Solutions GmbH

Full Spectrum



Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)
4882.000000	---	47.35	54.00	6.65	100.0	1000.000	155.0	V	60.0	90.0
4882.400000	51.27	---	74.00	22.73	100.0	1000.000	155.0	V	226.0	90.0

4.03a_BT_GFSK_high

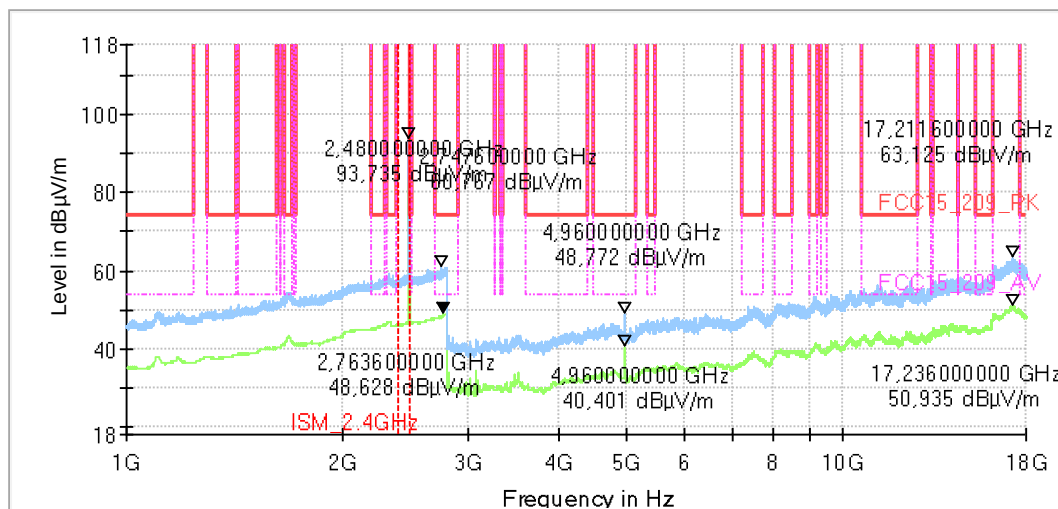
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5
Antenna polarisation:	horizontal/vertical
Operating Mode:	BT GFSK ch high
Operator:	npe
Comment:	--
Comment2:	--
EUT Setup:	1
Verdict:	Pass

EUT Information

PMT number:	19-1-01374S23_C01
Manufacturer:	Bosch Healthcare Solutions GmbH

Full Spectrum



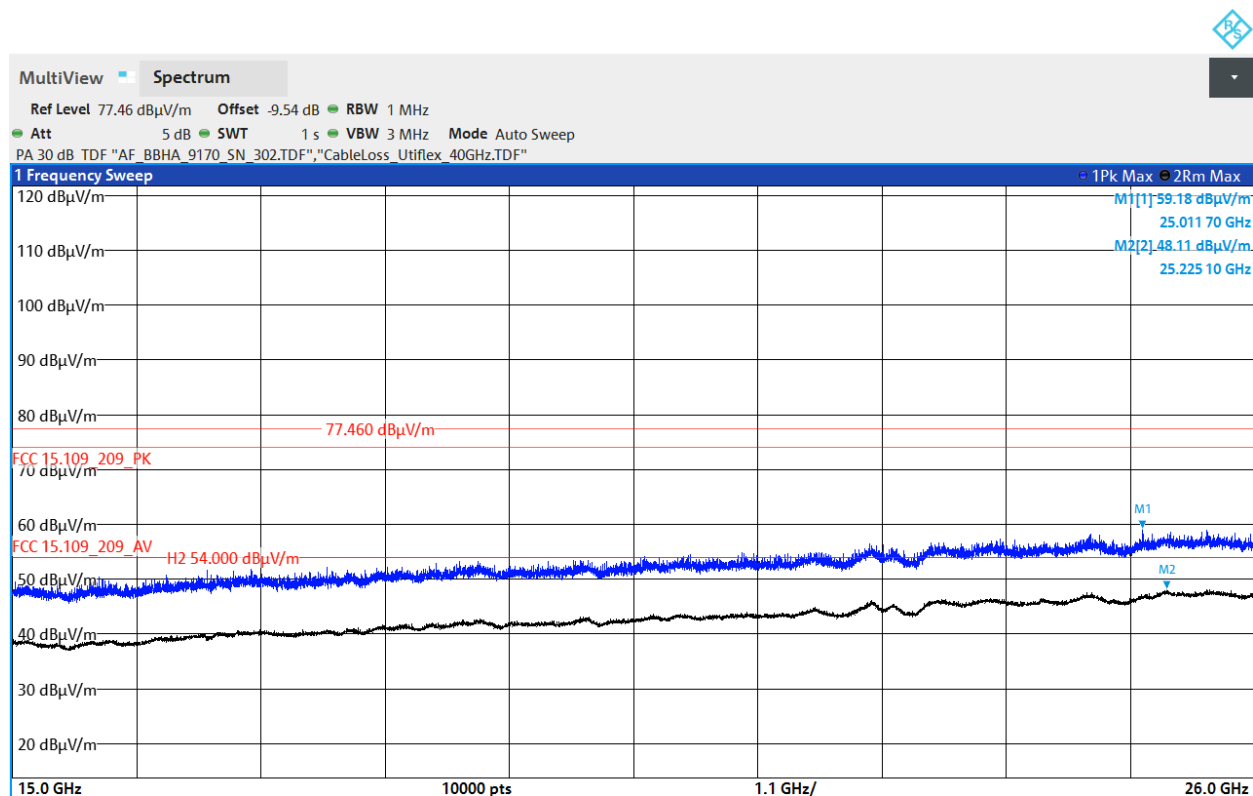
4.01b_BT_8PSK_low

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5
Antenna polarisation:	horizontal/vertical
Operating Mode:	BT 8PSK ch low
Operator:	npe
Comment:	--
Comment2:	--
EUT Setup:	1
Verdict:	Pass

EUT Information

PMT number:	19-1-01374S23_C01
Manufacturer:	Bosch Healthcare Solutions GmbH



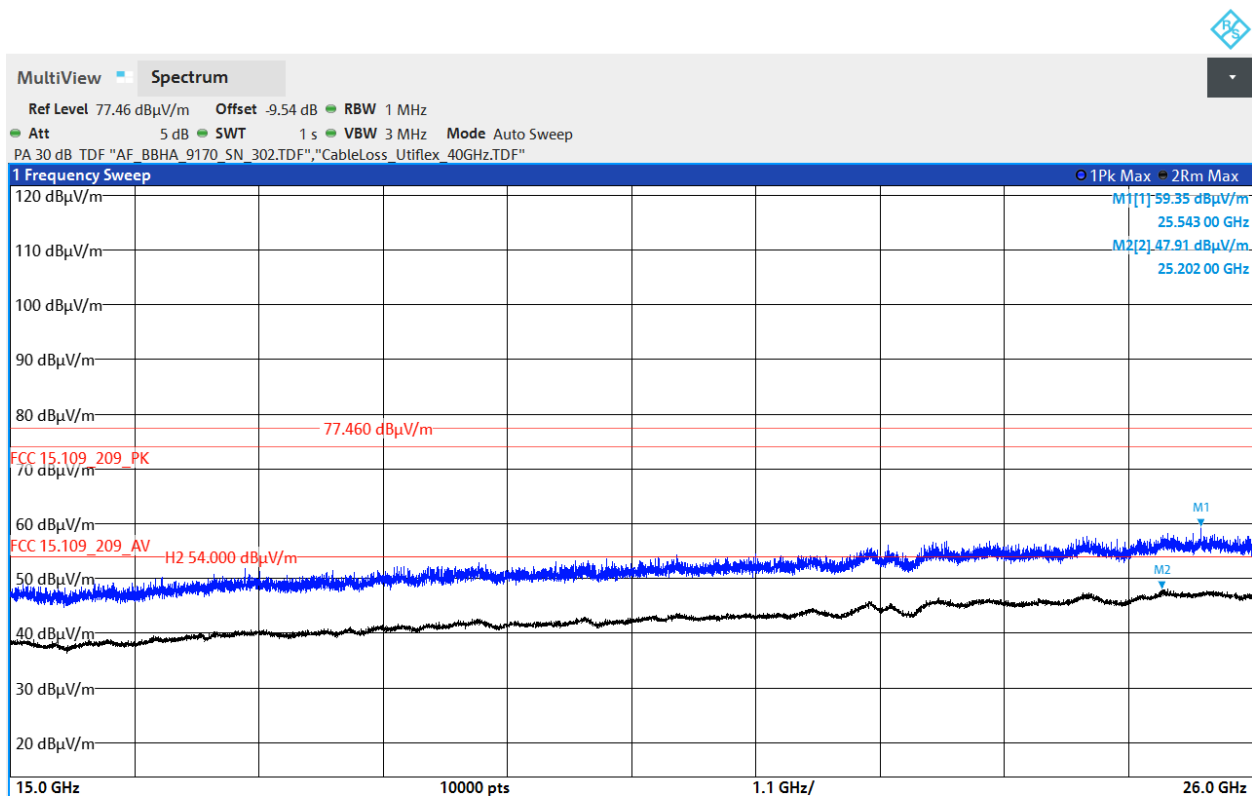
4.02b_BT_GFSK_mid

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5
Antenna polarisation:	horizontal/vertical
Operating Mode:	BT GFSK ch mid
Operator:	npe
Comment:	--
Comment2:	--
EUT Setup:	1
Verdict:	Pass

EUT Information

PMT number:	19-1-01374S23_C01
Manufacturer:	Bosch Healthcare Solutions GmbH



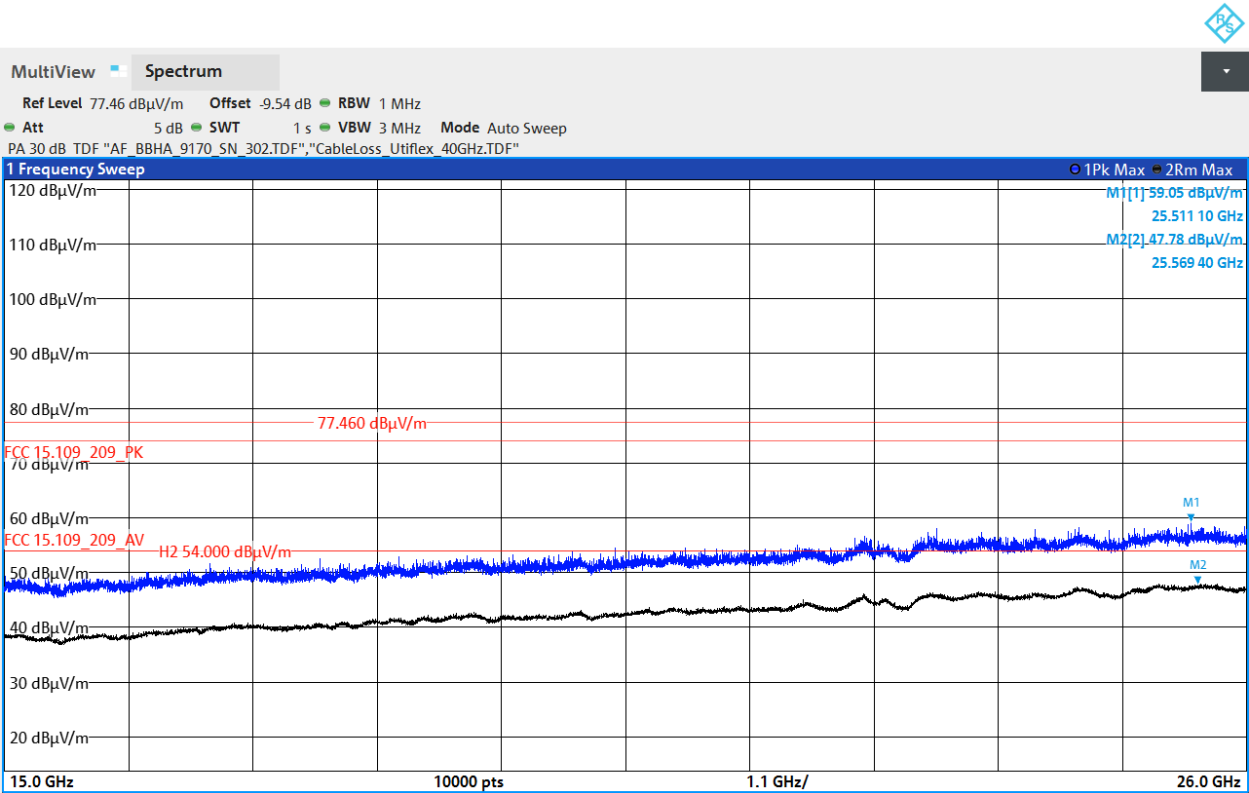
4.03b_BT_GFSK_high

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5
Antenna polarisation:	horizontal/vertical
Operating Mode:	BT GFSK ch high
Operator:	npe
Comment:	--
Comment2:	--
EUT Setup:	1
Verdict:	Pass

EUT Information

PMT number:	19-1-01374S23_C01
Manufacturer:	Bosch Healthcare Solutions GmbH



9.01_BE_BT_GFSK_low

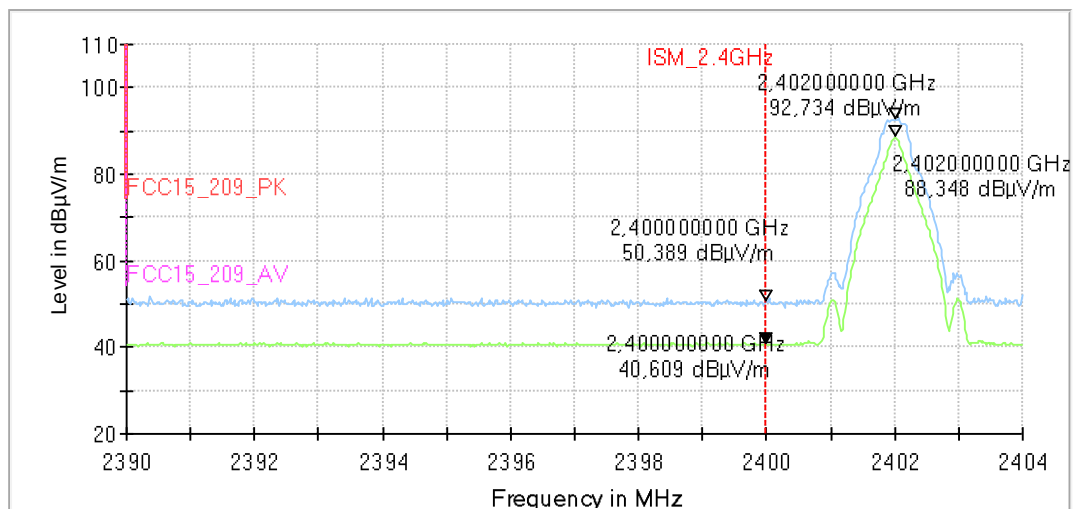
Common Information

Test Description:	Band-Edge: Radiated Field Strength Emissions Emissions in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5
Antenna polarisation:	horizontal/vertical
Operating Mode:	BT GFSK ch low
Operator:	npe
Comment:	--
Comment2:	--
EUT Setup:	1
Verdict:	Pass

EUT Information

PMT number:	19-1-01374S23_C01
Manufacturer:	Bosch Healthcare Solutions GmbH

Full Spectrum



9.02_BE_BT_GFSK_high

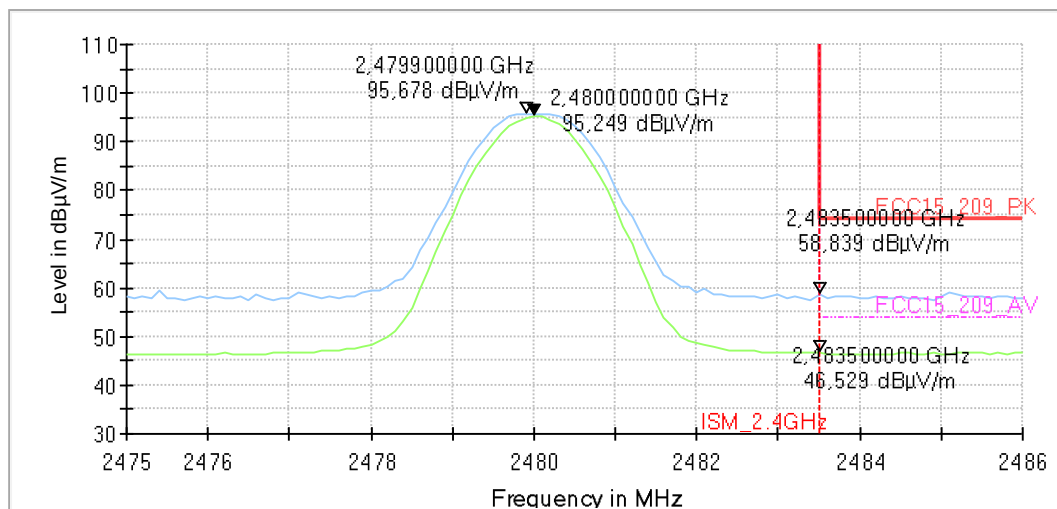
Common Information

Test Description:	Band-Edge: Radiated Field Strength Emissions Emissions in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5
Antenna polarisation:	horizontal/vertical
Operating Mode:	BT GFSK ch high
Operator:	npe
Comment:	--
Comment2:	--
EUT Setup:	1
Verdict:	Pass

EUT Information

PMT number:	19-1-01374S23_C01
Manufacturer:	Bosch Healthcare Solutions GmbH

Full Spectrum



9.05_BE_BT_8PSK_low

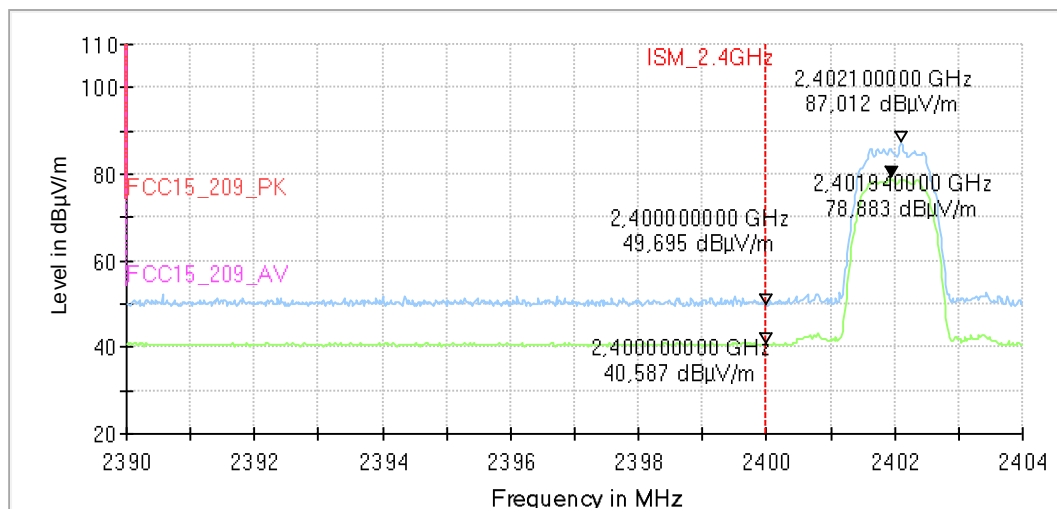
Common Information

Test Description:	Band-Edge: Radiated Field Strength Emissions Emissions in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5
Antenna polarisation:	horizontal/vertical
Operating Mode:	BT 8PSK ch low
Operator:	npe
Comment:	--
Comment2:	--
EUT Setup:	1
Verdict:	Pass

EUT Information

PMT number:	19-1-01374S23_C01
Manufacturer:	Bosch Healthcare Solutions GmbH

Full Spectrum



9.06_BE_BT_8PSK_high

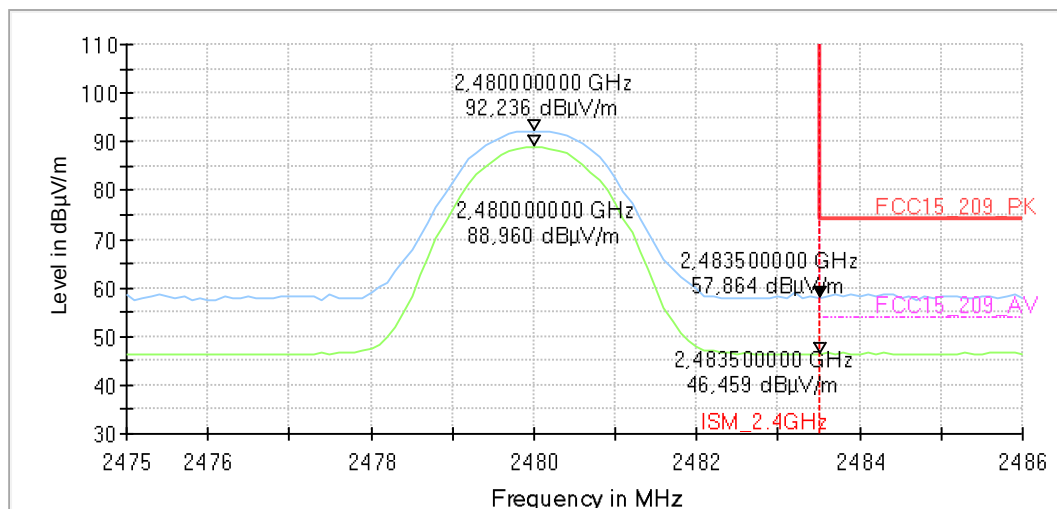
Common Information

Test Description:	Band-Edge: Radiated Field Strength Emissions Emissions in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5
Antenna polarisation:	horizontal/vertical
Operating Mode:	BT 8PSK ch low
Operator:	npe
Comment:	--
Comment2:	--
EUT Setup:	1
Verdict:	Pass

EUT Information

PMT number:	19-1-01374S23_C01
Manufacturer:	Bosch Healthcare Solutions GmbH

Full Spectrum



9.07_BE_BT_hopping_low

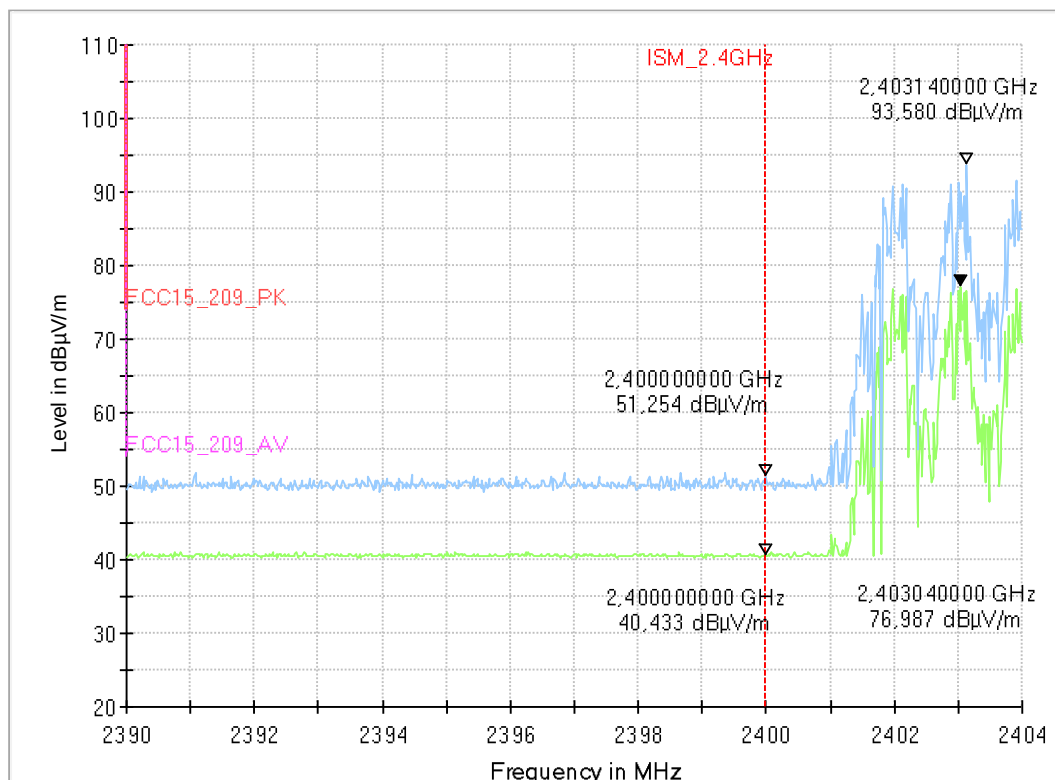
Common Information

Test Description:	Band-Edge: Radiated Field Strength Emissions Emissions in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5
Antenna polarisation:	horizontal/vertical
Operating Mode:	BT_hopping_all_channels
Operator:	TFra
Comment:	--
Comment2:	--
EUT Setup:	1
Verdict:	Pass

EUT Information

PMT number:	19-1-01374S23_C01
Manufacturer:	Bosch Healthcare Solutions GmbH

Full Spectrum



9.08_BE_BT_hopping_high

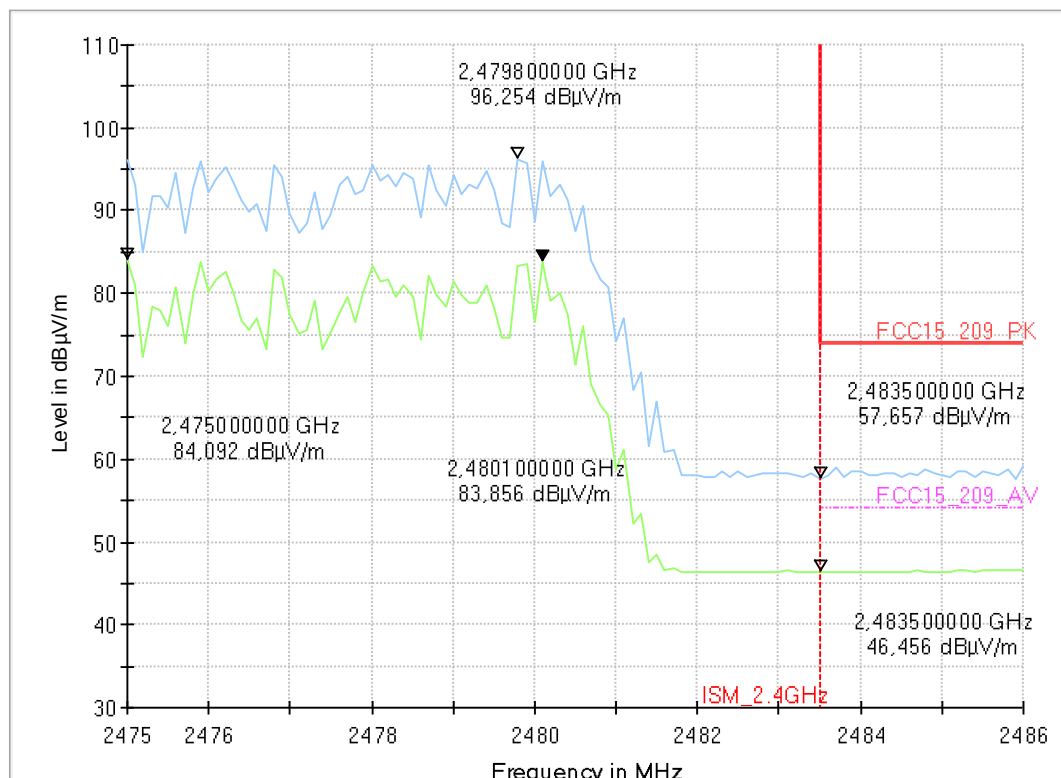
Common Information

Test Description:	Band-Edge: Radiated Field Strength Emissions Emissions in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5
Antenna polarisation:	horizontal/vertical
Operating Mode:	BT_hopping_all_channels
Operator:	TFra
Comment:	--
Comment2:	--
EUT Setup:	1
Verdict:	Pass

EUT Information

PMT number:	19-1-01374S23_C01
Manufacturer:	Bosch Healthcare Solutions GmbH

Full Spectrum



End Of Annex 1