

Annex 1: Measurement diagrams to Test Report 19-1-0055004T05a-A1

Number of pages:	54	Date of Report:	2020-Jul-29
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:	AEV spol. s.r.o.
Test Object / Tested Device(s):	Wireless sensor part / wireless Seat Belt Reminder - seat unit		
FCC ID:	2AVXWWSBRS001	ISED:	25953-WSBRS001
Testing has been carried out in accordance with:	Title 47 CFR, Chapter I FCC Regulations, Subchapter A Subpart C: §15.247 (DTS) , RSS-247, Issue 2 (DTS) RSS-Gen., Issue 5 Deviations, modifications or clarifications (if any) to above mentioned documents are written in each section under "Test method and limit".		

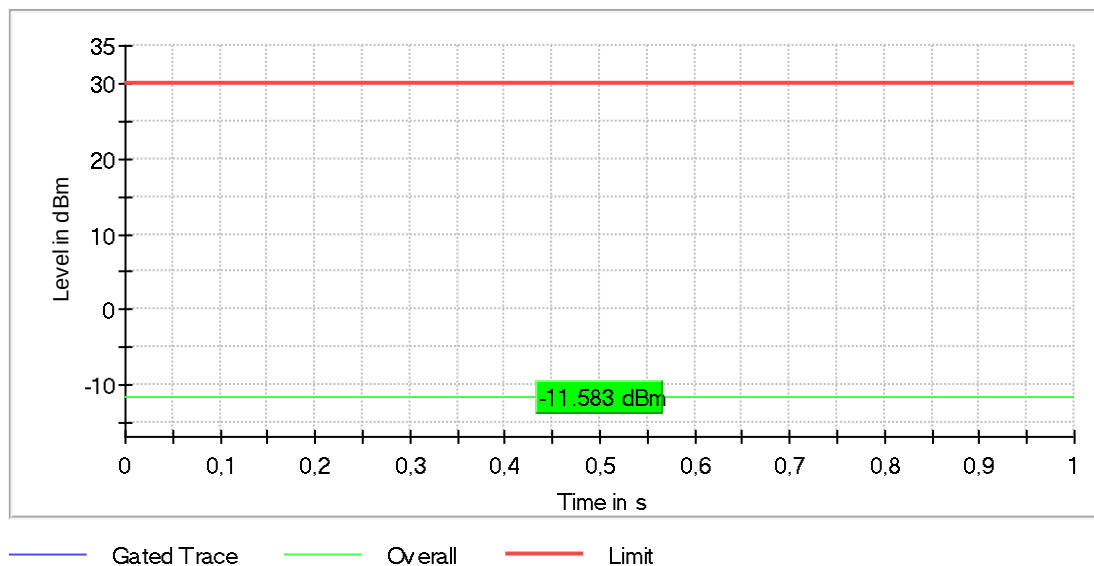
1 Measurement diagrams

RF output power (2402 MHz; BT-LE_GFSK (-8 dBm); 2 MHz)

Test according to FCC title 47 part 15 §15.247(b), KDB 558074 D01 DTS Meas Guidance v04 and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
2402.000000	-11.6	30.0	-11.6	100.000	PASS



OSP PowerMeter settings

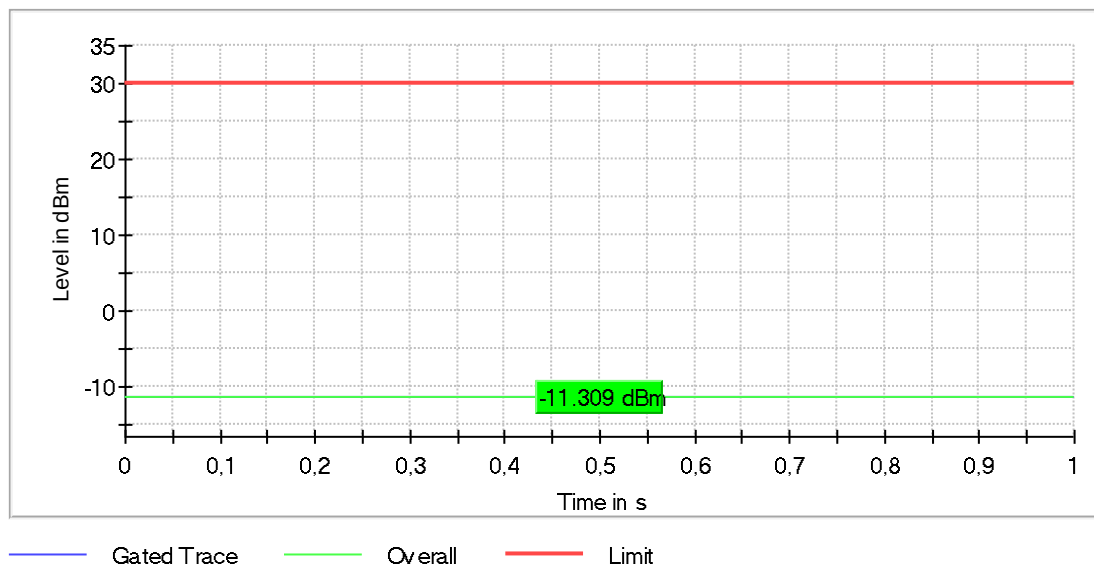
Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

RF output power (2440 MHz; BT-LE_GFSK (-8 dBm); 2 MHz)

Test according to FCC title 47 part 15 §15.247(b), KDB 558074 D01 DTS Meas Guidance v04 and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
2440.000000	-11.3	30.0	-11.3	100.000	PASS



OSP PowerMeter settings

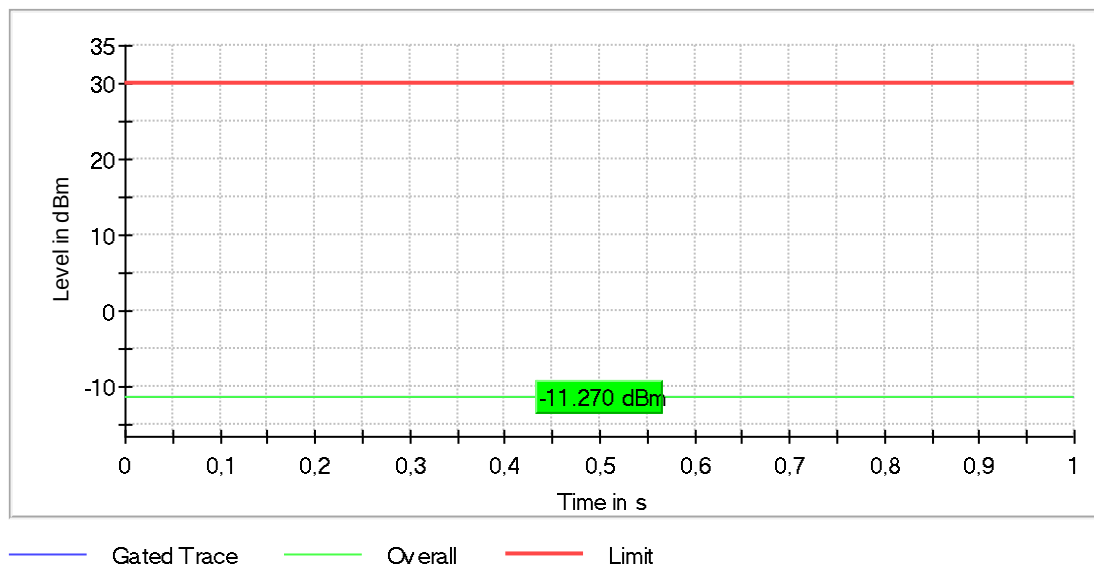
Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

RF output power (2480 MHz; BT-LE_GFSK (-8 dBm); 2 MHz)

Test according to FCC title 47 part 15 §15.247(b), KDB 558074 D01 DTS Meas Guidance v04 and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
2480.000000	-11.3	30.0	-11.3	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

Minimum Emission Bandwidth 6 dB (2402 MHz; BT-LE_GFSK (-8 dBm); 2 MHz)

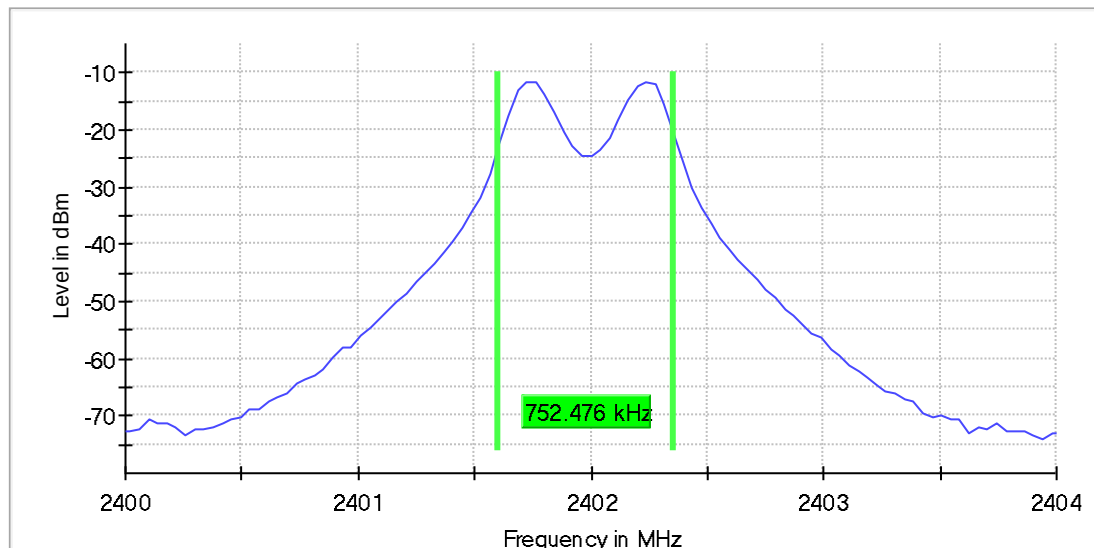
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04 and ANSI C63.10-2013

6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2402.000000	0.752476	0.500000	---	2401.603960	2402.356436

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

DUT Frequency (MHz)	Max Level (dBm)	Result
2402.000000	-11.7	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.40000 GHz	2.40000 GHz
Stop Frequency	2.40400 GHz	2.40400 GHz
Span	4.000 MHz	4.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	101	~ 80
SweepTime	1.000 ms	AUTO
Reference Level	-20.000 dBm	-20.000 dBm
Attenuation	0.000 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	5 / 5	5
Max Stable Difference	0.00 dB	0.50 dB

Minimum Emission Bandwidth 6 dB (2440 MHz; BT-LE_GFSK (-8 dBm); 2 MHz)

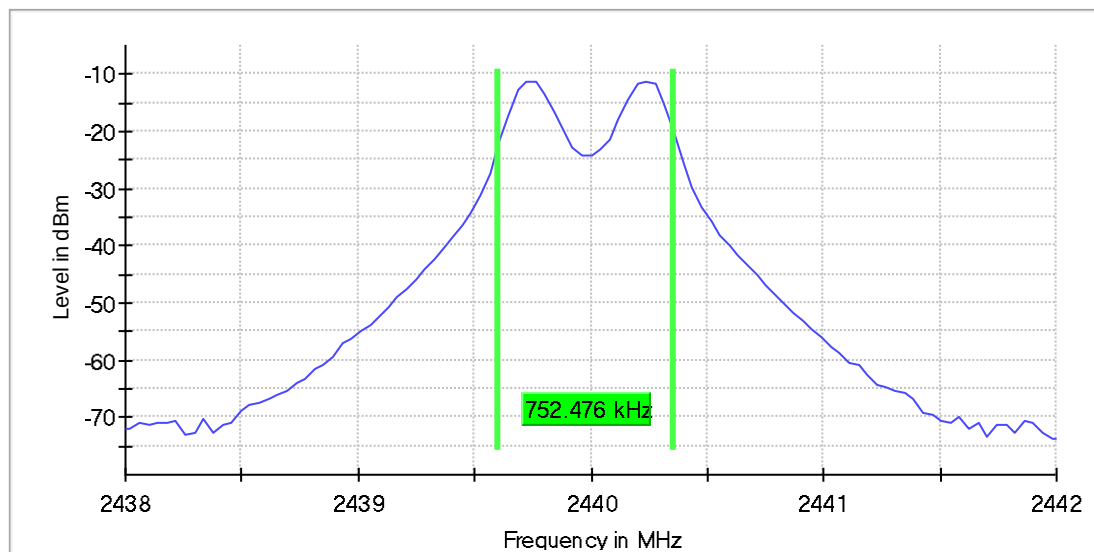
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04 and ANSI C63.10-2013

6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2440.000000	0.752476	0.500000	---	2439.603960	2440.356436

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

DUT Frequency (MHz)	Max Level (dBm)	Result
2440.000000	-11.3	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.43800 GHz	2.43800 GHz
Stop Frequency	2.44200 GHz	2.44200 GHz
Span	4.000 MHz	4.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	101	~ 80
SweepTime	1.000 ms	AUTO
Reference Level	-20.000 dBm	-20.000 dBm
Attenuation	0.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off

Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	6 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.03 dB	0.50 dB

Minimum Emission Bandwidth 6 dB (2480 MHz; BT-LE_GFSK (-8 dBm); 2 MHz)

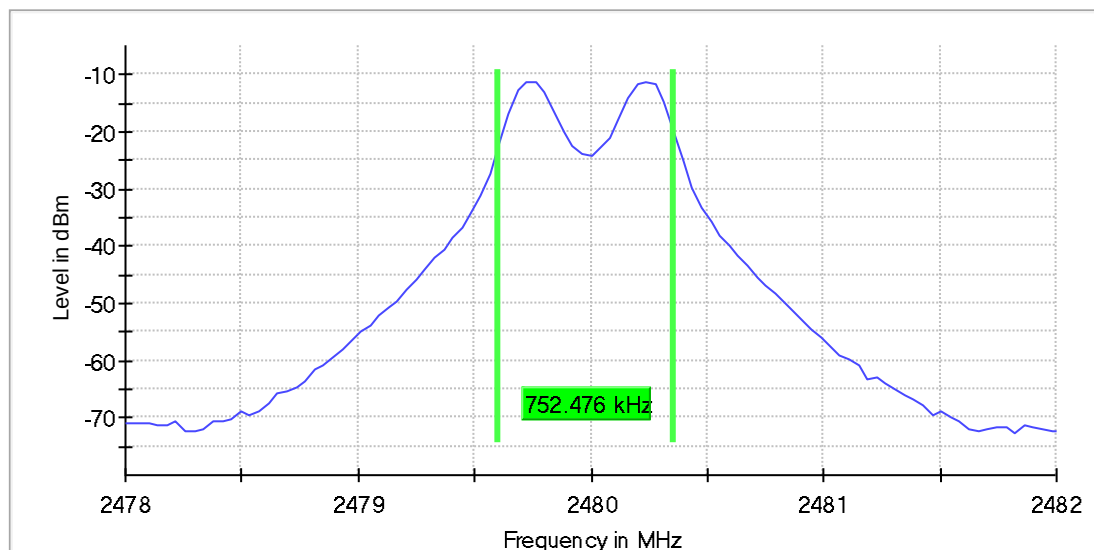
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04 and ANSI C63.10-2013

6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2480.000000	0.752476	0.500000	---	2479.603960	2480.356436

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

DUT Frequency (MHz)	Max Level (dBm)	Result
2480.000000	-11.1	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.47800 GHz	2.47800 GHz
Stop Frequency	2.48200 GHz	2.48200 GHz
Span	4.000 MHz	4.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	101	~ 80
Sweeptime	1.000 ms	AUTO
Reference Level	-20.000 dBm	-20.000 dBm
Attenuation	0.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB

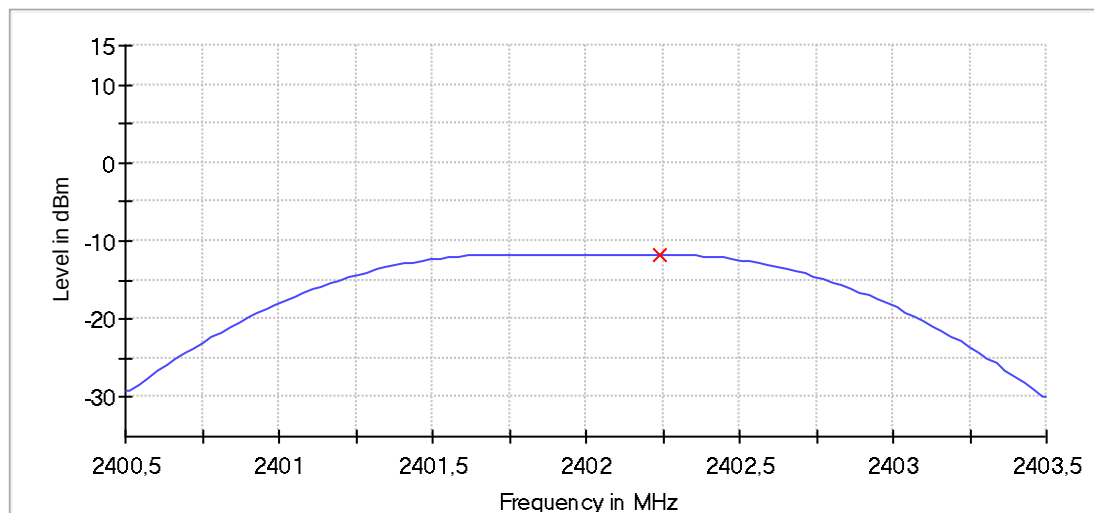
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	6 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.13 dB	0.50 dB

Peak output power (Sweep) (2402 MHz; BT-LE_GFSK (-8 dBm); 2 MHz)

Test according to FCC title 47 part 15 §15.247(b), KDB 558074 D01 DTS Meas Guidance v04 and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Peak Power (dBm)	Limit Max (dBm)	Result
2402.000000	-11.7	30.0	PASS



— Connector 1 × Peak Connector 1

Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.40050 GHz	2.40050 GHz
Stop Frequency	2.40350 GHz	2.40350 GHz
Span	3.000 MHz	3.000 MHz
RBW	1.000 MHz	>= 752.477 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	0.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB

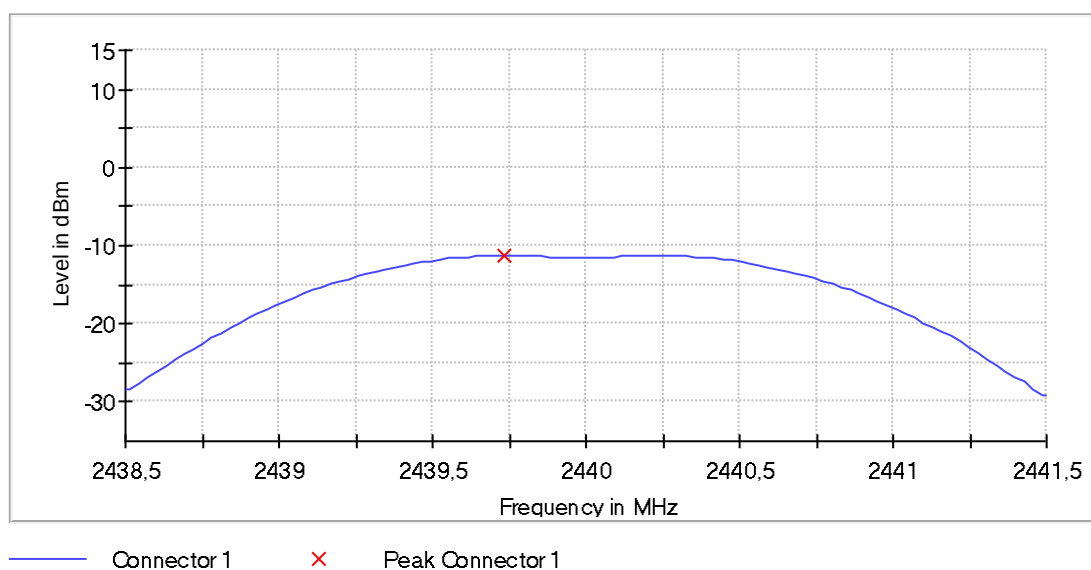
Run	4 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.05 dB	0.50 dB

Peak output power (Sweep) (2440 MHz; BT-LE_GFSK (-8 dBm); 2 MHz)

Test according to FCC title 47 part 15 §15.247(b), KDB 558074 D01 DTS Meas Guidance v04 and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Peak Power (dBm)	Limit Max (dBm)	Result
2440.000000	-11.3	30.0	PASS



Measurement

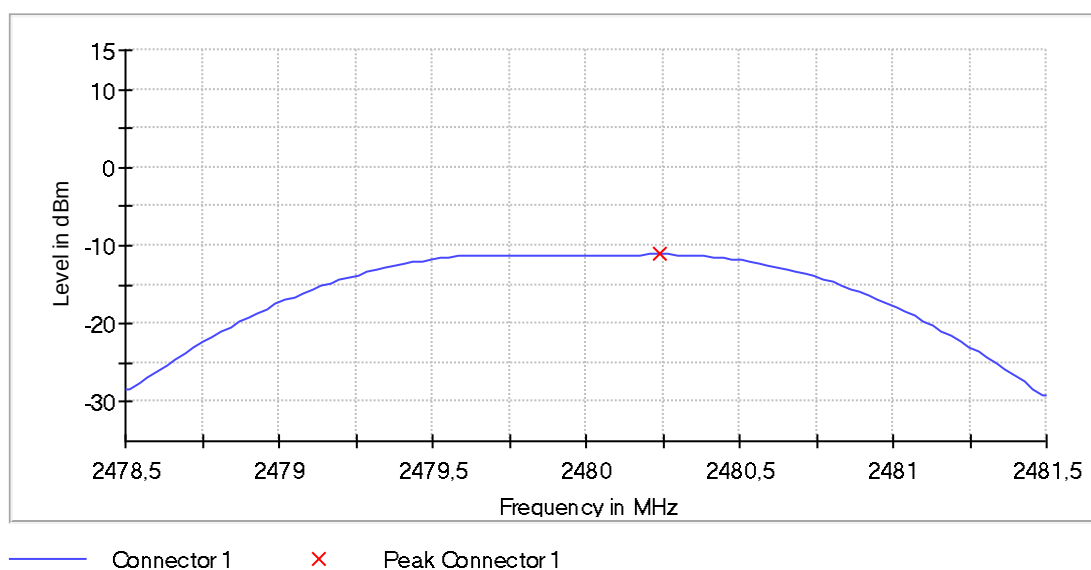
Setting	Instrument Value	Target Value
Start Frequency	2.43850 GHz	2.43850 GHz
Stop Frequency	2.44150 GHz	2.44150 GHz
Span	3.000 MHz	3.000 MHz
RBW	1.000 MHz	≥ 752.477 kHz
VBW	3.000 MHz	≥ 3.000 MHz
SweepPoints	101	~ 101
SweepTime	1.000 ms	AUTO
Reference Level	-10.000 dBm	-10.000 dBm
Attenuation	0.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	4 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.01 dB	0.50 dB

Peak output power (Sweep) (2480 MHz; BT-LE_GFSK (-8 dBm); 2 MHz)

Test according to FCC title 47 part 15 §15.247(b), KDB 558074 D01 DTS Meas Guidance v04 and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Peak Power (dBm)	Limit Max (dBm)	Result
2480.000000	-11.1	30.0	PASS



Measurement

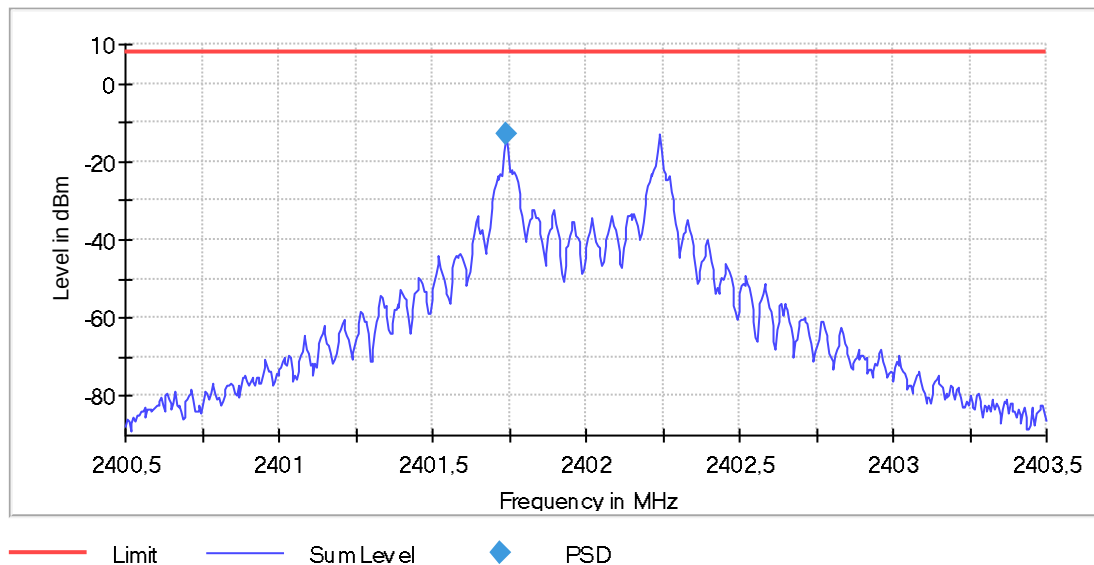
Setting	Instrument Value	Target Value
Start Frequency	2.47850 GHz	2.47850 GHz
Stop Frequency	2.48150 GHz	2.48150 GHz
Span	3.000 MHz	3.000 MHz
RBW	1.000 MHz	≥ 752.477 kHz
VBW	3.000 MHz	≥ 3.000 MHz
SweepPoints	101	~ 101
SweepTime	1.000 ms	AUTO
Reference Level	-10.000 dBm	-10.000 dBm
Attenuation	0.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	4 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.06 dB	0.50 dB

Power Spectral Density (2402 MHz; BT-LE_GFSK (-8 dBm); 2 MHz)

Test according to FCC title 47 part 15 §15.247(a),(e), KDB 558074 D01 DTS Meas Guidance v04 and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2402.000000	2401.742500	-12.964	8.0	PASS



Measurement

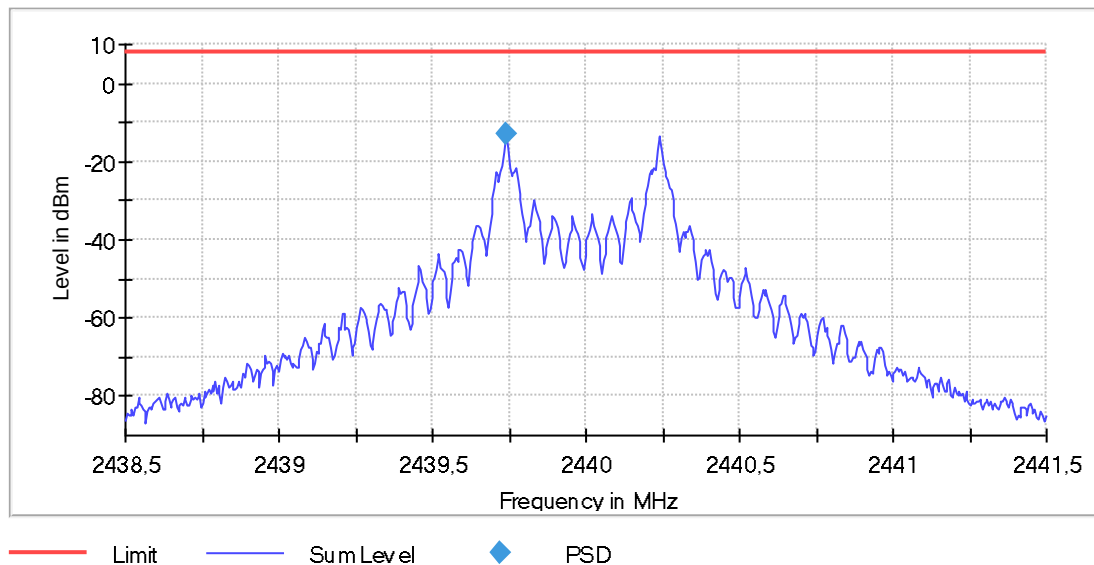
Setting	Instrument Value	Target Value
Start Frequency	2.40050 GHz	2.40050 GHz
Stop Frequency	2.40350 GHz	2.40350 GHz
Span	3.000 MHz	3.000 MHz
RBW	10.000 kHz	<= 10.000 kHz
VBW	30.000 kHz	>= 30.000 kHz
SweepPoints	600	~ 600
Sweeptime	12.000 ms	12.000 ms
Reference Level	-20.000 dBm	-20.000 dBm
Attenuation	0.000 dB	AUTO
Detector	RMS	RMS
SweepCount	1	1
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	Sweep
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	13 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.50 dB

Power Spectral Density (2440 MHz; BT-LE_GFSK (-8 dBm); 2 MHz)

Test according to FCC title 47 part 15 §15.247(a),(e), KDB 558074 D01 DTS Meas Guidance v04 and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2440.000000	2439.737500	-12.818	8.0	PASS



Measurement

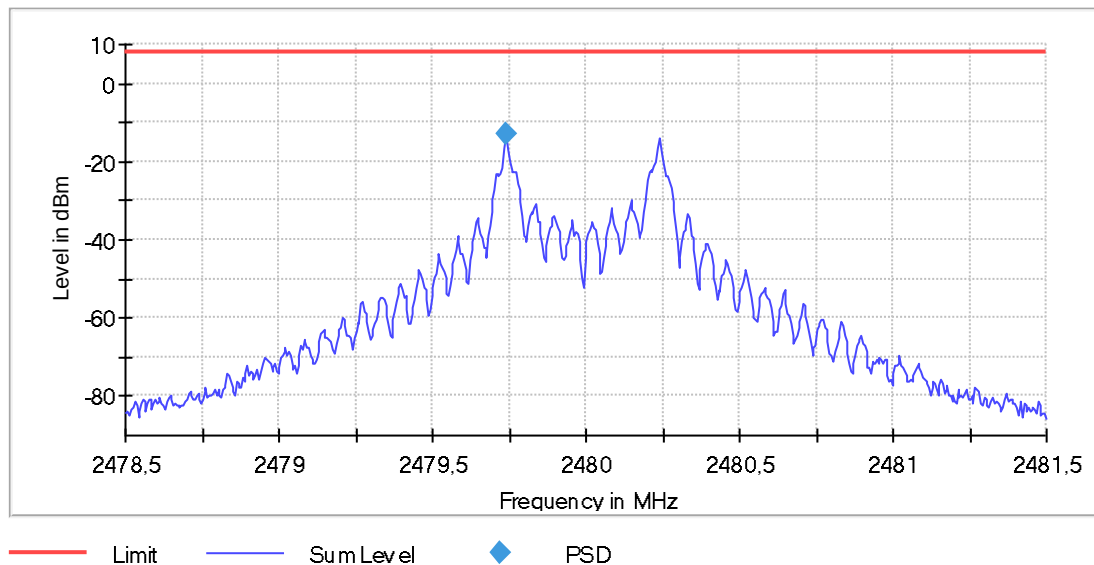
Setting	Instrument Value	Target Value
Start Frequency	2.43850 GHz	2.43850 GHz
Stop Frequency	2.44150 GHz	2.44150 GHz
Span	3.000 MHz	3.000 MHz
RBW	10.000 kHz	<= 10.000 kHz
VBW	30.000 kHz	>= 30.000 kHz
SweepPoints	600	~ 600
SweepTime	12.000 ms	12.000 ms
Reference Level	-20.000 dBm	-20.000 dBm
Attenuation	0.000 dB	AUTO
Detector	RMS	RMS
SweepCount	1	1
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	18 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.50 dB

Power Spectral Density (2480 MHz; BT-LE_GFSK (-8 dBm); 2 MHz)

Test according to FCC title 47 part 15 §15.247(a),(e), KDB 558074 D01 DTS Meas Guidance v04 and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2480.000000	2479.737500	-12.902	8.0	PASS



Measurement

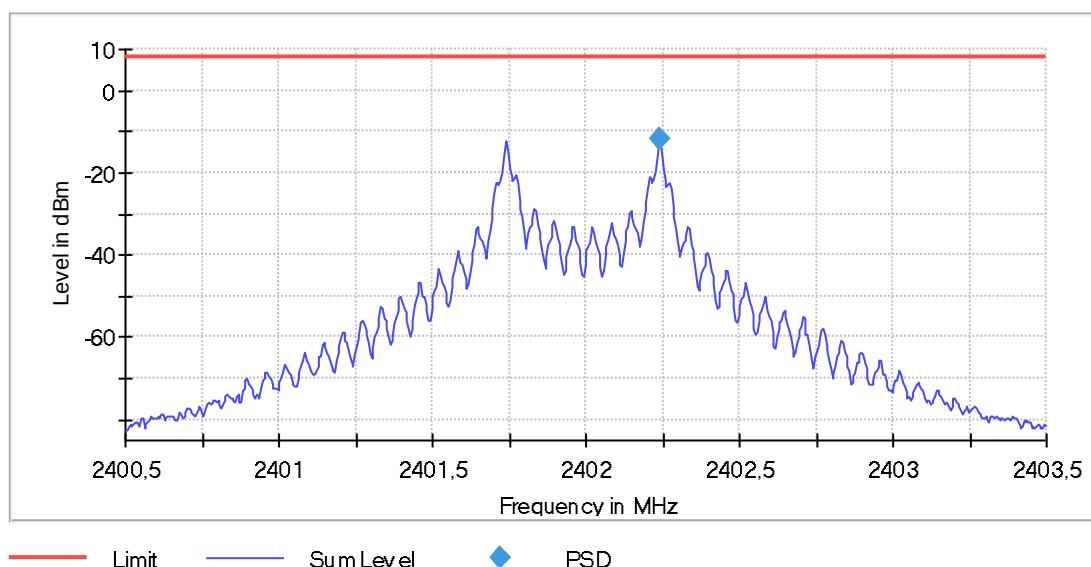
Setting	Instrument Value	Target Value
Start Frequency	2.47850 GHz	2.47850 GHz
Stop Frequency	2.48150 GHz	2.48150 GHz
Span	3.000 MHz	3.000 MHz
RBW	10.000 kHz	<= 10.000 kHz
VBW	30.000 kHz	>= 30.000 kHz
SweepPoints	600	~ 600
SweepTime	12.000 ms	12.000 ms
Reference Level	-20.000 dBm	-20.000 dBm
Attenuation	0.000 dB	AUTO
Detector	RMS	RMS
SweepCount	1	1
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	Sweep
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	19 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.50 dB

Peak Power Spectral Density (2402 MHz; BT-LE_GFSK (-8 dBm); 2 MHz)

Test according to FCC title 47 part 15 §15.247(a),(e), KDB 558074 D01 DTS Meas Guidance v04 and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2402.000000	2402.242500	-11.911	8.0	PASS



Measurement

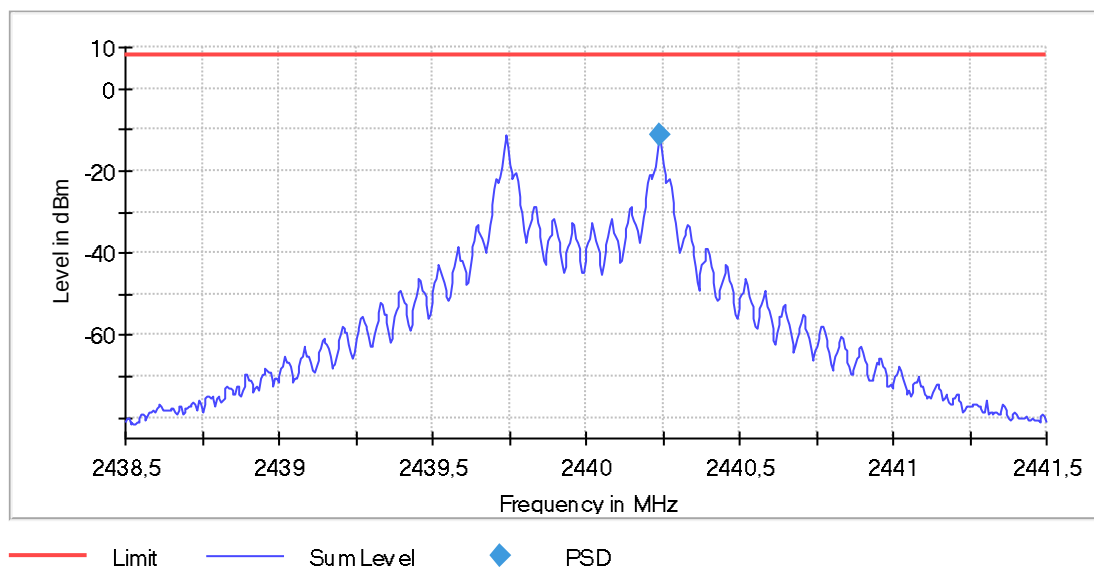
Setting	Instrument Value	Target Value
Start Frequency	2.40050 GHz	2.40050 GHz
Stop Frequency	2.40350 GHz	2.40350 GHz
Span	3.000 MHz	3.000 MHz
RBW	10.000 kHz	<= 10.000 kHz
VBW	30.000 kHz	>= 30.000 kHz
SweepPoints	600	~ 600
SweepTime	3.000 ms	AUTO
Reference Level	-20.000 dBm	-20.000 dBm
Attenuation	0.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	Sweep
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	5 / max. 150	max. 150
Stable	2 / 2	2
Max Stable Difference	0.19 dB	0.50 dB

Peak Power Spectral Density (2440 MHz; BT-LE_GFSK (-8 dBm); 2 MHz)

Test according to FCC title 47 part 15 §15.247(a),(e), KDB 558074 D01 DTS Meas Guidance v04 and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2440.000000	2440.242500	-11.445	8.0	PASS



Measurement

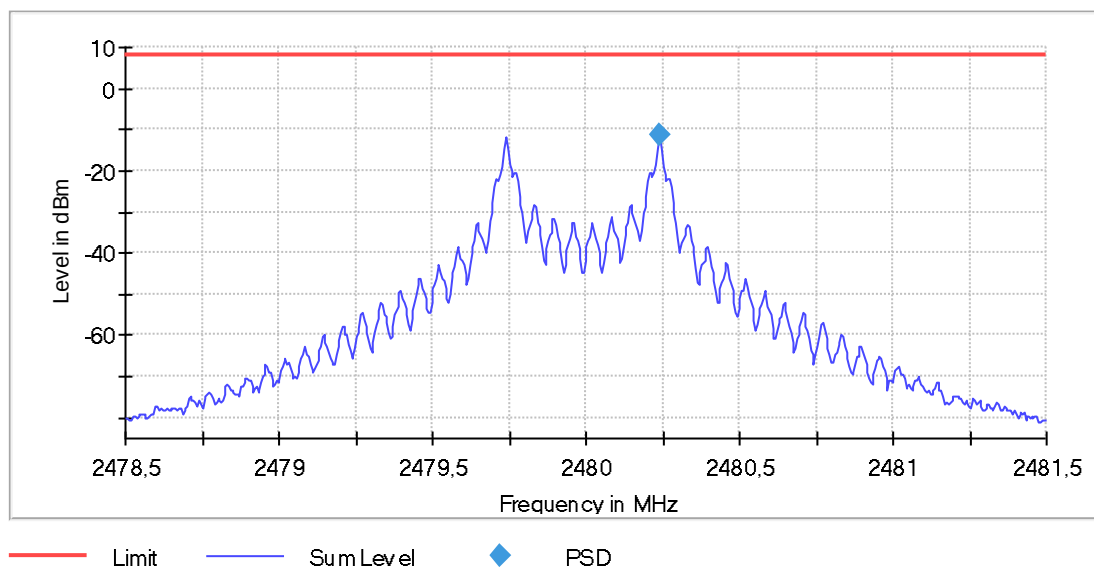
Setting	Instrument Value	Target Value
Start Frequency	2.43850 GHz	2.43850 GHz
Stop Frequency	2.44150 GHz	2.44150 GHz
Span	3.000 MHz	3.000 MHz
RBW	10.000 kHz	<= 10.000 kHz
VBW	30.000 kHz	>= 30.000 kHz
SweepPoints	600	~ 600
SweepTime	3.000 ms	AUTO
Reference Level	-20.000 dBm	-20.000 dBm
Attenuation	0.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	Sweep
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	5 / max. 150	max. 150
Stable	2 / 2	2
Max Stable Difference	0.09 dB	0.50 dB

Peak Power Spectral Density (2480 MHz; BT-LE_GFSK (-8 dBm); 2 MHz)

Test according to FCC title 47 part 15 §15.247(a),(e), KDB 558074 D01 DTS Meas Guidance v04 and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2480.000000	2480.242500	-11.293	8.0	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	10.000 kHz	<= 10.000 kHz
VBW	30.000 kHz	>= 30.000 kHz
SweepPoints	600	~ 600
SweepTime	3.000 ms	AUTO
Reference Level	-20.000 dBm	-20.000 dBm
Attenuation	0.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	Sweep
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	6 / max. 150	max. 150
Stable	2 / 2	2
Max Stable Difference	0.41 dB	0.50 dB

Occupied Channel Bandwidth 99% (2402 MHz; BT-LE_GFSK (-8 dBm); 2 MHz)

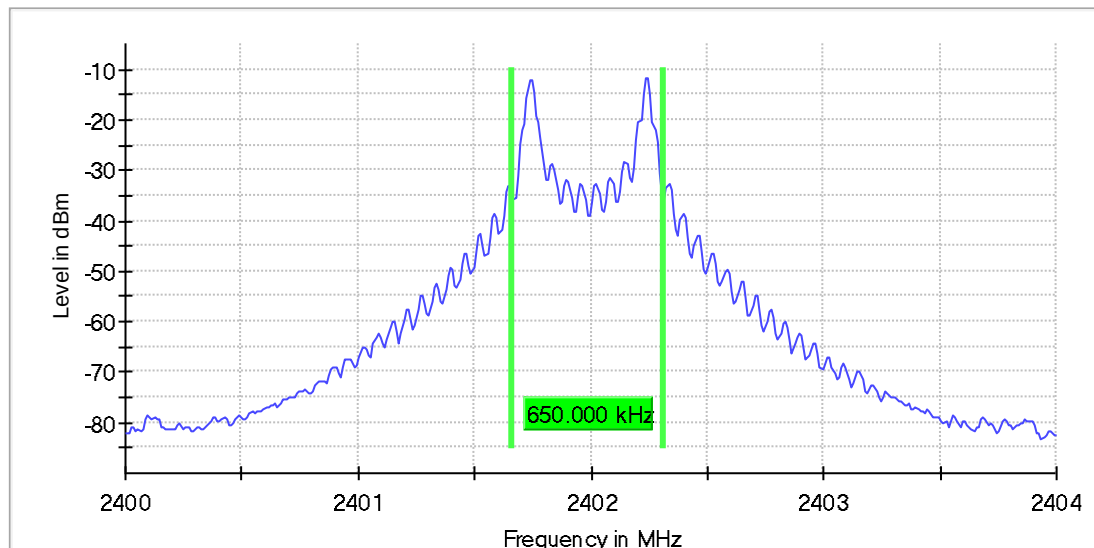
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04 and ANSI C63.10-2013

99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2402.000000	0.650000	---	---	2401.665000	2402.315000

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

DUT Frequency (MHz)	Result
2402.000000	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.40000 GHz	2.40000 GHz
Stop Frequency	2.40400 GHz	2.40400 GHz
Span	4.000 MHz	4.000 MHz
RBW	20.000 kHz	>= 20.000 kHz
VBW	100.000 kHz	>= 60.000 kHz
SweepPoints	400	~ 400
SweepTime	210.000 µs	AUTO
Reference Level	-20.000 dBm	-20.000 dBm
Attenuation	0.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
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	6 / max. 150	max. 150

Stable	3 / 3	3
Max Stable Difference	0.03 dB	0.30 dB

Occupied Channel Bandwidth 99% (2440 MHz; BT-LE_GFSK (-8 dBm); 2 MHz)

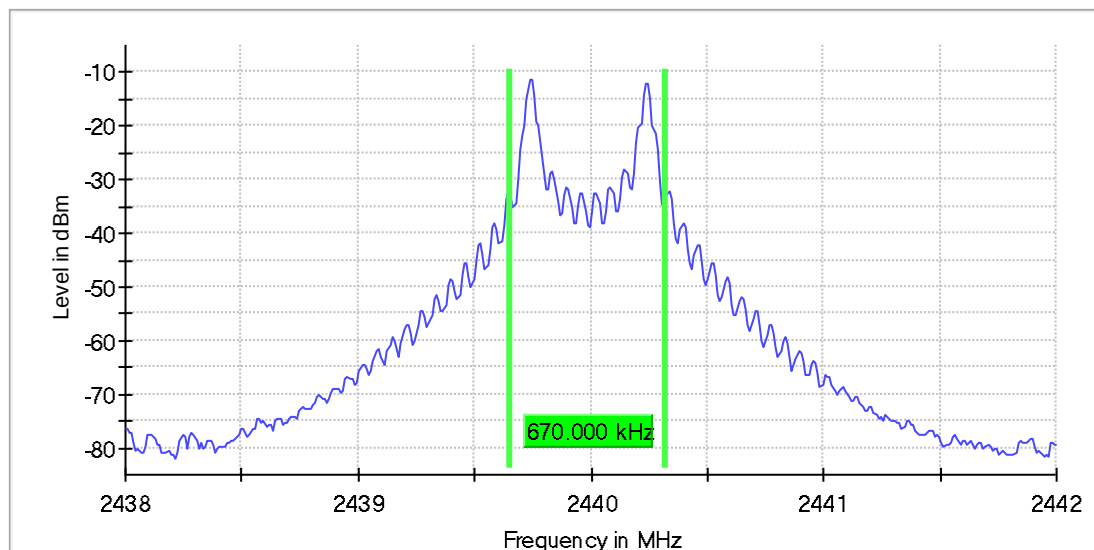
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04 and ANSI C63.10-2013

99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2440.000000	0.670000	---	---	2439.655000	2440.325000

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

DUT Frequency (MHz)	Result
2440.000000	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.43800 GHz	2.43800 GHz
Stop Frequency	2.44200 GHz	2.44200 GHz
Span	4.000 MHz	4.000 MHz
RBW	20.000 kHz	>= 20.000 kHz
VBW	100.000 kHz	>= 60.000 kHz
SweepPoints	400	~ 400
Sweeptime	210.000 µs	AUTO
Reference Level	-20.000 dBm	-20.000 dBm
Attenuation	0.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
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	6 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.30 dB

Occupied Channel Bandwidth 99% (2480 MHz; BT-LE_GFSK (-8 dBm); 2 MHz)

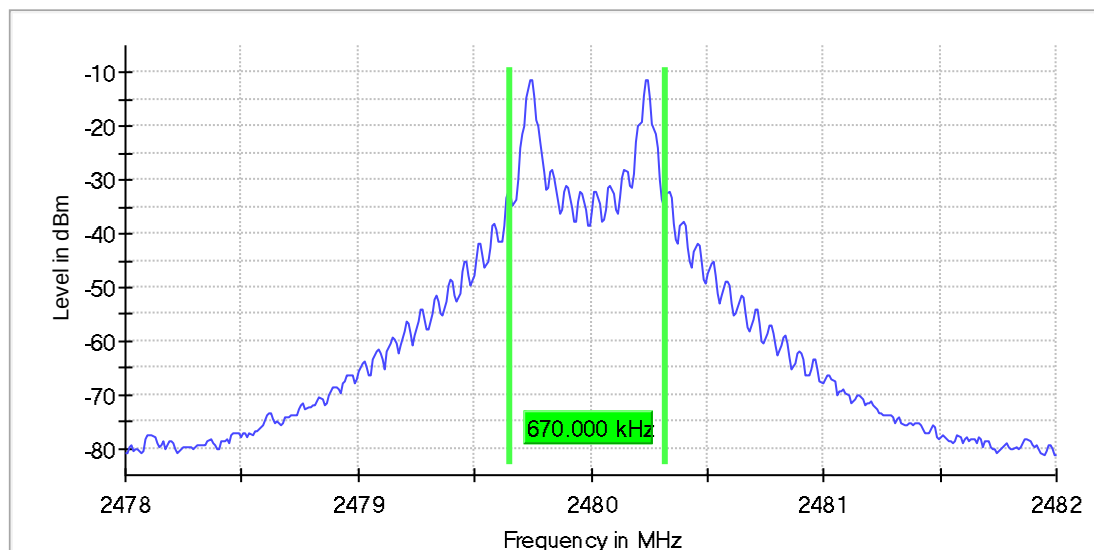
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04 and ANSI C63.10-2013

99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2480.000000	0.670000	---	---	2479.655000	2480.325000

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

DUT Frequency (MHz)	Result
2480.000000	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.47800 GHz	2.47800 GHz
Stop Frequency	2.48200 GHz	2.48200 GHz
Span	4.000 MHz	4.000 MHz
RBW	20.000 kHz	>= 20.000 kHz
VBW	100.000 kHz	>= 60.000 kHz
SweepPoints	400	~ 400
Sweeptime	210.000 µs	AUTO
Reference Level	-20.000 dBm	-20.000 dBm
Attenuation	0.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
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	9 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.15 dB	0.30 dB

Tx Spurious Emission (2402 MHz; BT-LE_GFSK (-8 dBm); 2 MHz)

Test according to FCC title 47 part 15 §15.247(d), KDB 558074 D01 DTS Meas Guidance v04 and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Result
2402.000000	PASS

Final measurements

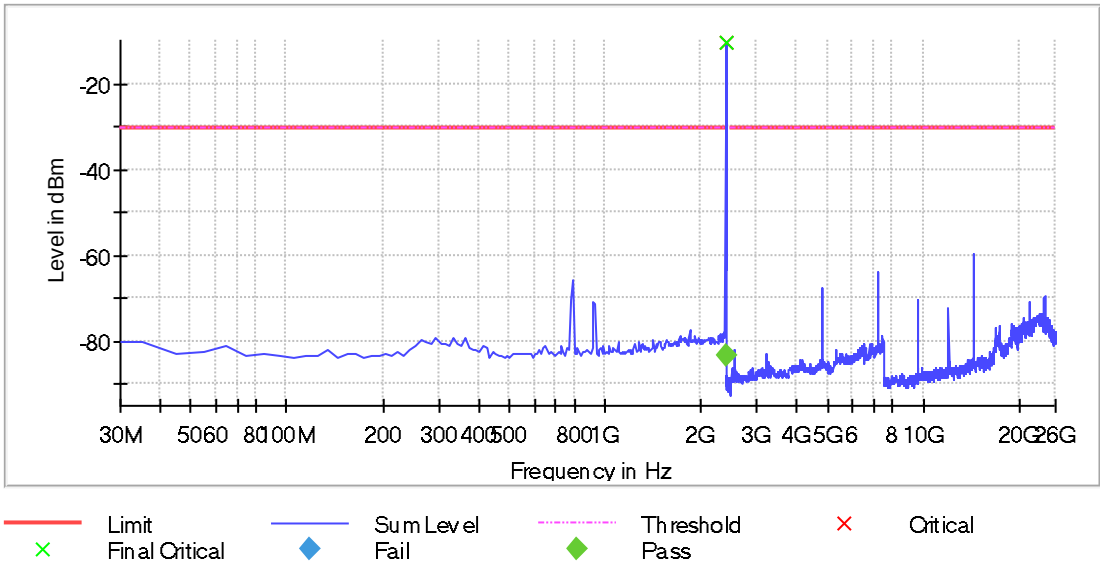
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
2399.958664	-11.3	-83.2	-30.3	52.9	PASS

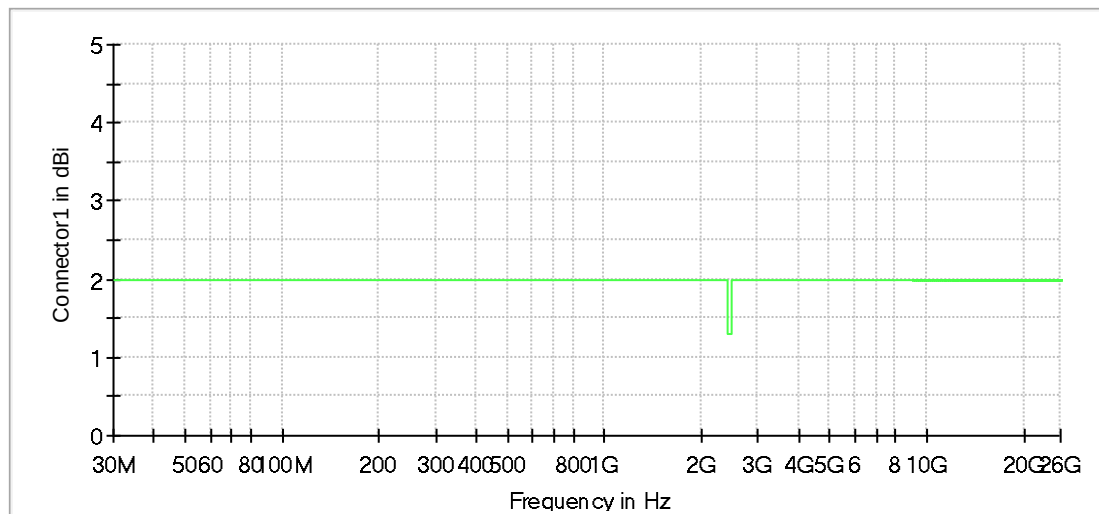
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
2395.021008	-10.6	-19.6	-30.3
14411.652465	-59.7	29.4	-30.3
7205.789099	-63.8	33.5	-30.3
791.785714	-65.6	35.3	-30.3
4807.166065	-67.7	37.4	-30.3
24026.133128	-69.4	39.2	-30.3
24016.138865	-70.1	39.8	-30.3
781.827731	-70.4	40.1	-30.3
9604.412133	-70.6	40.3	-30.3
21617.515831	-71.0	40.7	-30.3
921.239496	-71.1	40.8	-30.3
931.197479	-71.4	41.1	-30.3
12013.029431	-72.1	41.9	-30.3
23576.391309	-73.7	43.4	-30.3
23196.609329	-73.8	43.5	-30.3

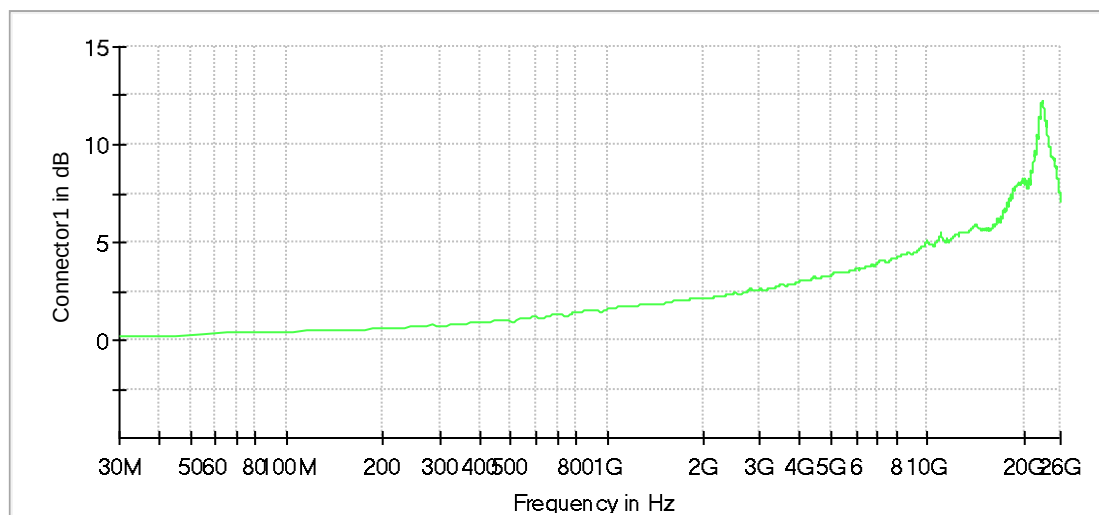
Measurement Settings

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

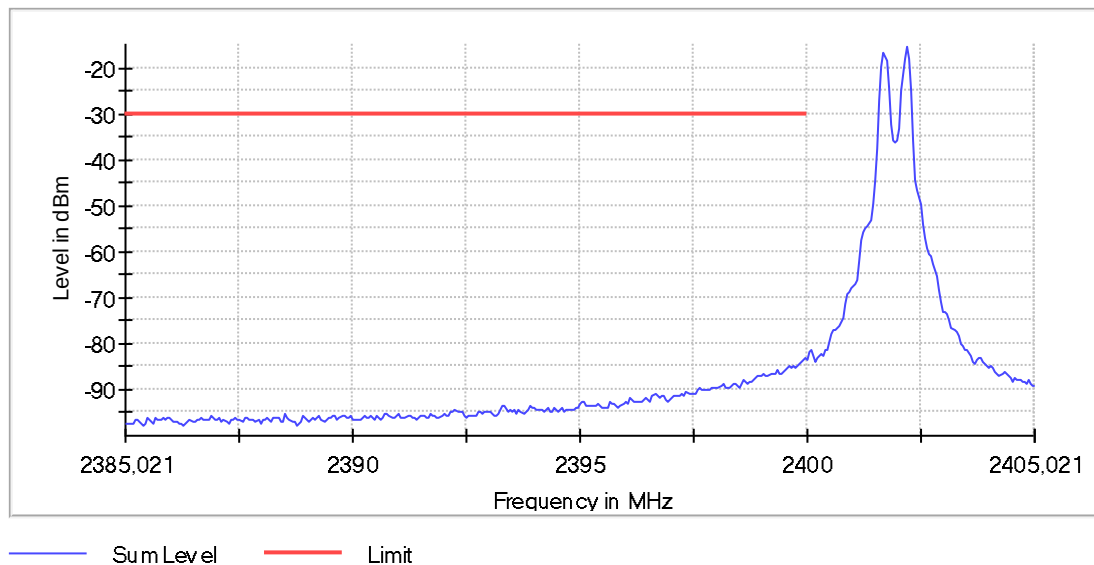




Connector1



Connector1



Pre Measurement 1

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

Final Measurement 1

Setting	Instrument Value	Target Value
RBW	100.000 kHz	≤ 100.000 kHz
VBW	300.000 kHz	≥ 300.000 kHz
SweepPoints	401	~ 401
SweepTime	1.010 ms	AUTO
Reference Level	-10.000 dBm	-10.000 dBm
Attenuation	0.000 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 (2440 MHz; BT-LE_GFSK (-8 dBm); 2 MHz)

Test according to FCC title 47 part 15 §15.247(d), KDB 558074 D01 DTS Meas Guidance v04 and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Result
2440.000000	PASS

Final measurements

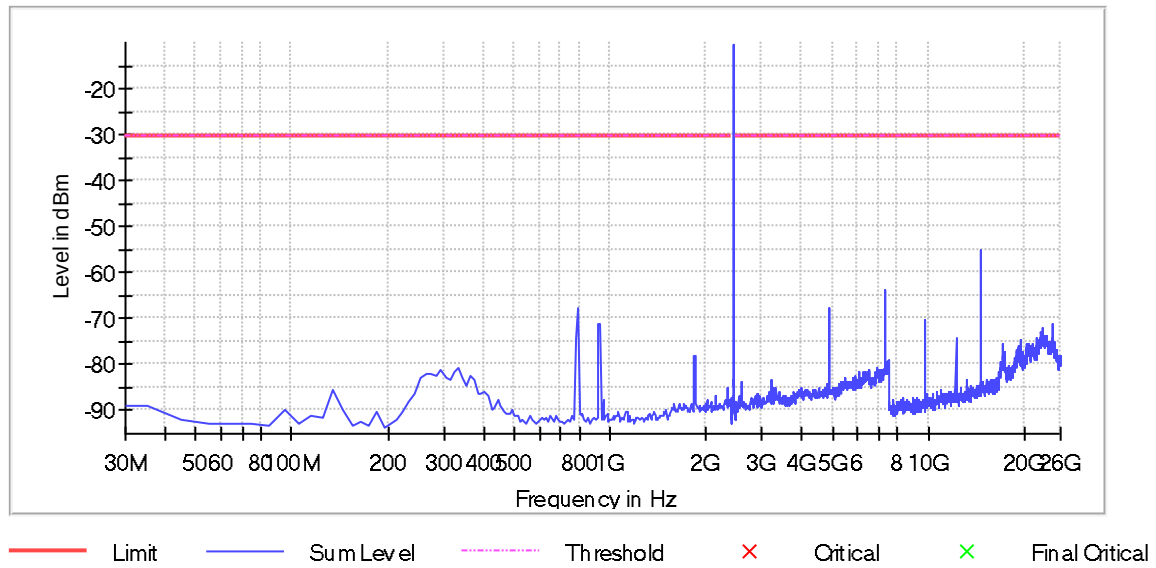
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

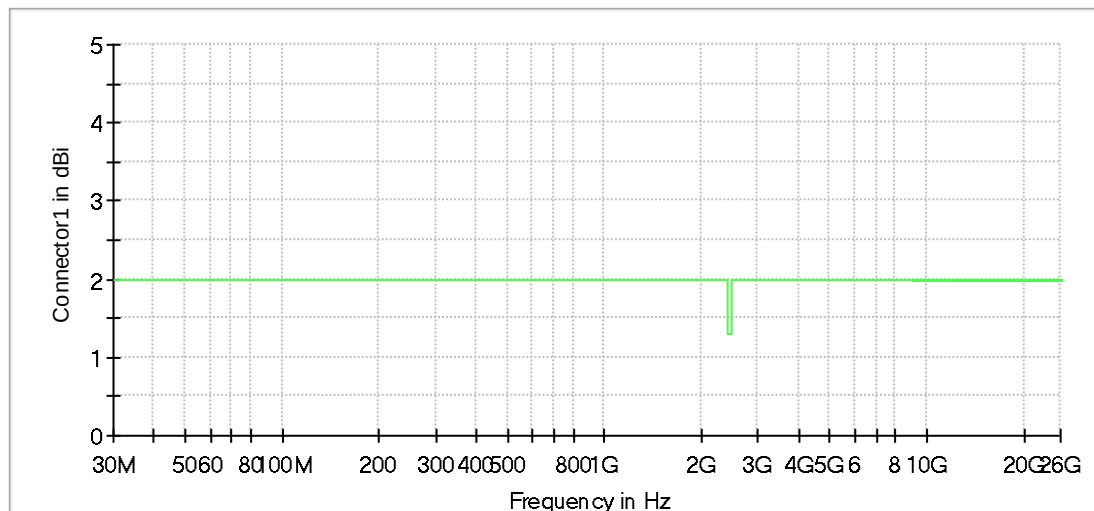
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
14641.520506	-55.0	24.4	-30.5
7325.720251	-63.7	33.2	-30.5
7315.725988	-63.7	33.2	-30.5
4877.125903	-67.5	36.9	-30.5
791.785714	-67.8	37.3	-30.5
9754.326073	-70.2	39.7	-30.5
9764.320336	-70.3	39.8	-30.5
24395.920846	-71.2	40.7	-30.5
931.197479	-71.2	40.7	-30.5
921.239496	-71.3	40.8	-30.5
22926.764237	-71.8	41.3	-30.5
24405.915108	-72.2	41.7	-30.5
22876.792924	-72.8	42.3	-30.5
22666.913408	-73.0	42.5	-30.5
22936.758500	-73.3	42.7	-30.5

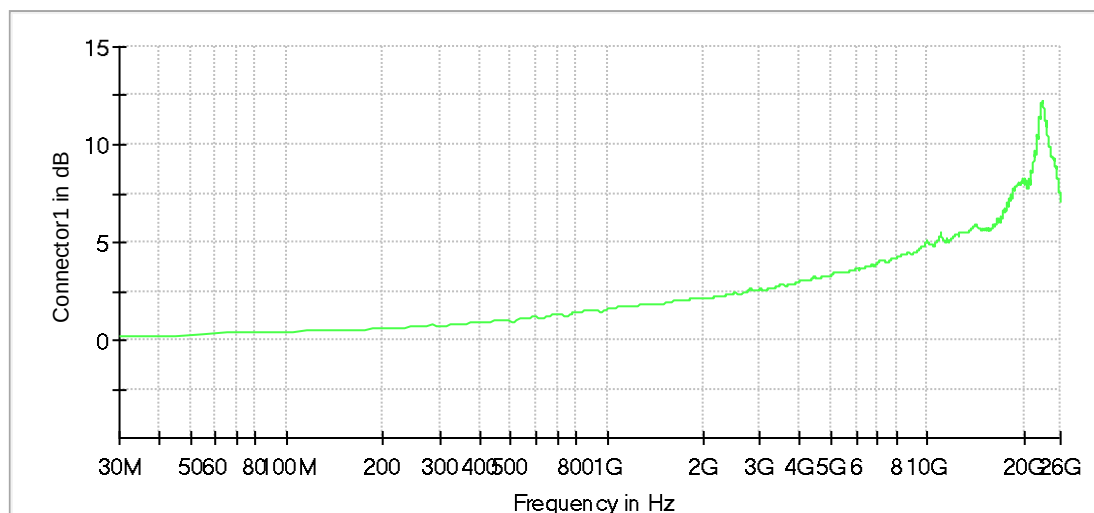
Measurement Settings

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





Connector1



Connector1

Pre Measurement 1

Setting	Instrument Value	Target Value
RBW	100.000 kHz	≤ 100.000 kHz
VBW	300.000 kHz	≥ 300.000 kHz
SweepPoints	238	~ 238
SweepTime	23.700 ms	AUTO
Reference Level	-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	8 / max. 40	max. 40
Stable	3 / 3	3
Max Stable Difference	0.43 dB	0.50 dB

Tx Spurious Emission (2480 MHz; BT-LE_GFSK (-8 dBm); 2 MHz)

Test according to FCC title 47 part 15 §15.247(d), KDB 558074 D01 DTS Meas Guidance v04 and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Result
2480.000000	PASS

Final measurements

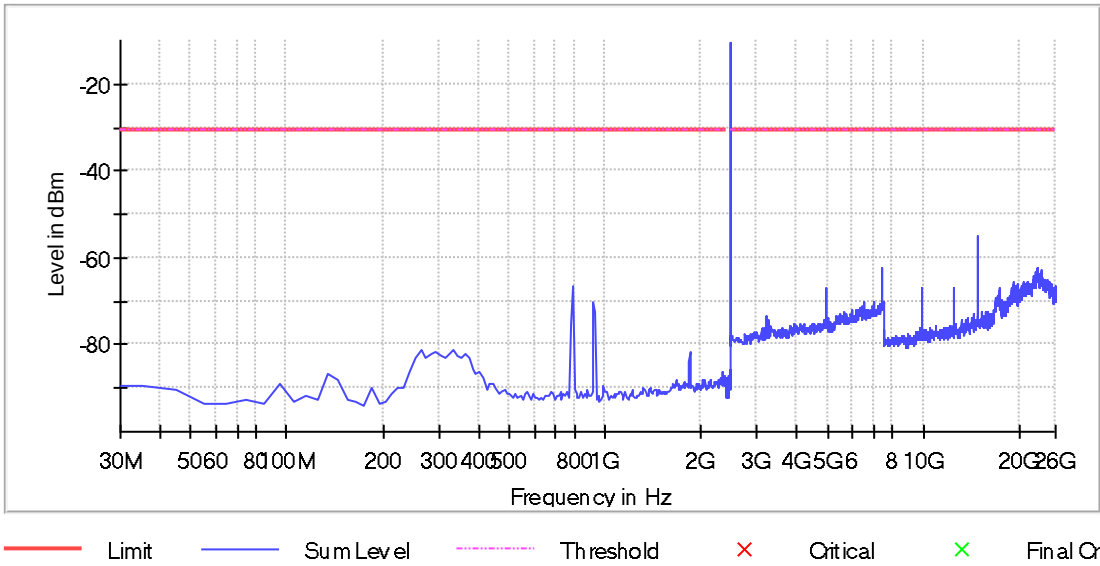
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

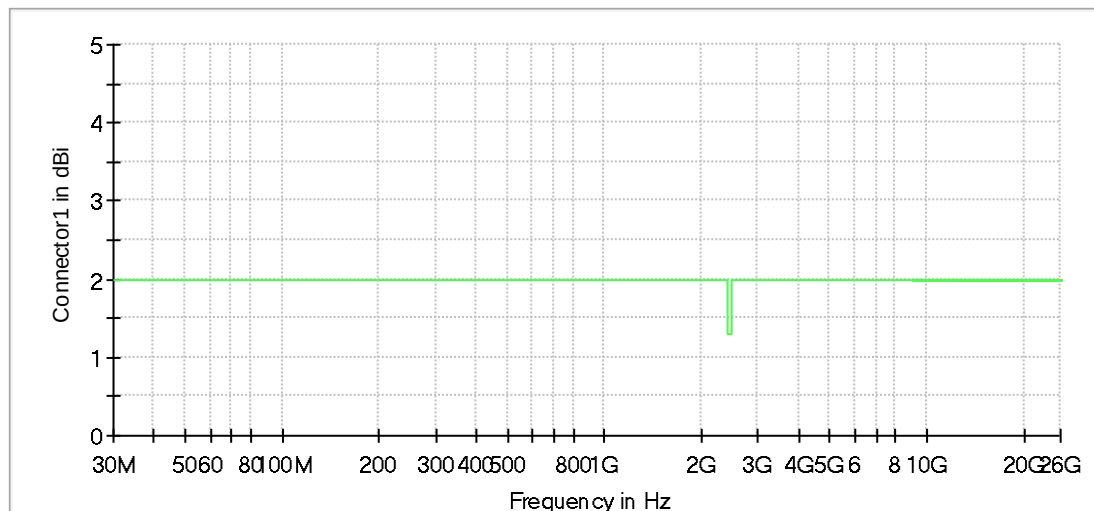
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
14881.382809	-54.9	24.4	-30.5
7445.651402	-62.3	31.8	-30.5
22696.896196	-62.3	31.8	-30.5
22966.741288	-62.3	31.8	-30.5
22946.752762	-62.5	32.0	-30.5
22776.850297	-62.9	32.4	-30.5
23596.379834	-63.0	32.5	-30.5
22457.033893	-63.2	32.7	-30.5
23416.483107	-63.3	32.8	-30.5
7435.657140	-63.5	33.0	-30.5
22926.764237	-63.5	33.0	-30.5
23516.425733	-63.5	33.0	-30.5
22936.758500	-63.6	33.1	-30.5
22876.792924	-63.7	33.2	-30.5
22986.729813	-63.8	33.3	-30.5

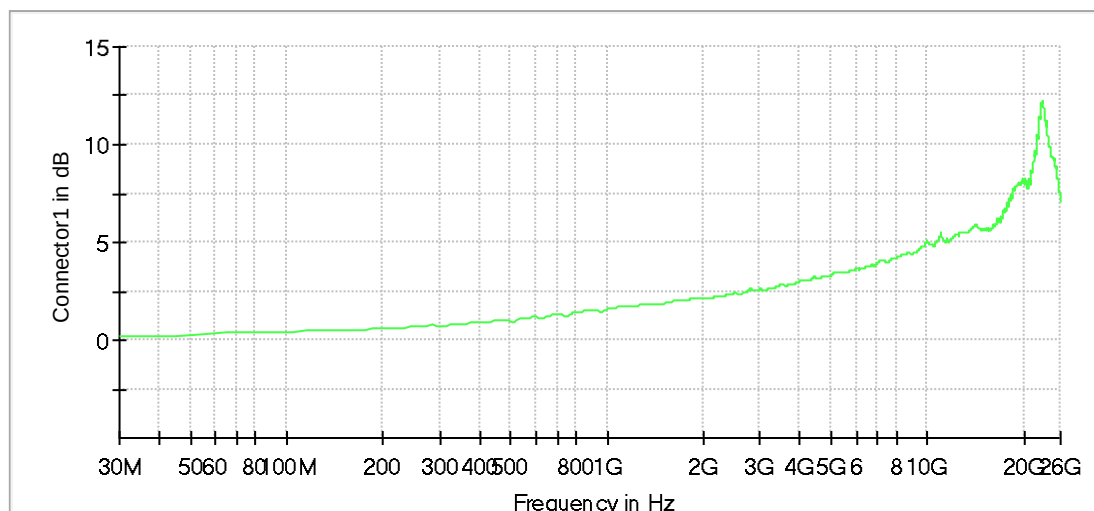
Measurement Settings

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





Connector1



Connector1

Pre Measurement 1

Setting	Instrument Value	Target Value
RBW	100.000 kHz	≤ 100.000 kHz
VBW	300.000 kHz	≥ 300.000 kHz
SweepPoints	238	~ 238
SweepTime	23.700 ms	AUTO
Reference Level	-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	7 / max. 40	max. 40
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.50 dB

2.01a_BT_LE_low_standing

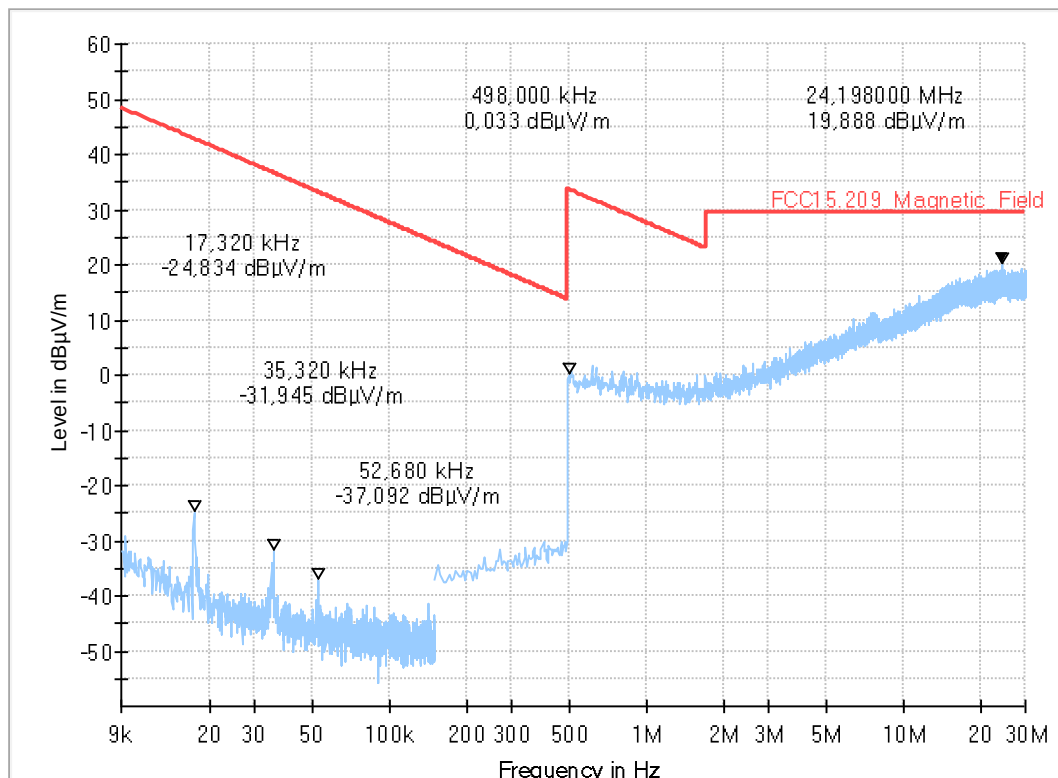
Common Information

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 polarizationpolarization
Used Filter:	bypass
Test Standard:	FCC 15.205 § 15.209; RSS-Gen: Issue 5
Operator:	TFra
Operating Mode:	BLE TX 2402 MHz
Power during tests:	3V DC
Environmental Conditions::	Humidity : 40% rH; Temperature: 20 °C
EUT Setup:	1
Verdict:	Passed

EUT Information

PMT number:	19-1-00550S105_C01
Manufacturer:	AEV spol. s r.o.

Full Spectrum



2.01b_BT_LE_low_laying

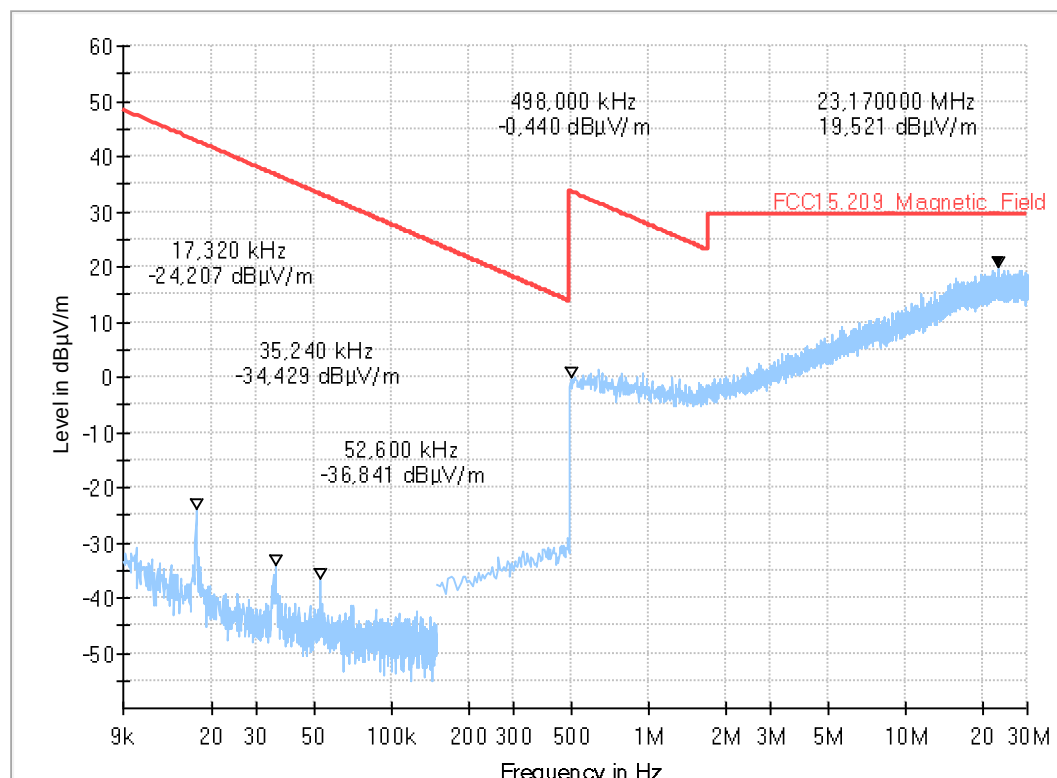
Common Information

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 polarization
Used Filter:	bypass
Test Standard:	FCC 15.205 § 15.209; RSS-Gen: Issue 5
Operator:	TFra
Operating Mode:	BLE TX 2402 MHz
Power during tests:	3V DC
Environmental Conditions:	Humidity : 40% rH; Temperature: 20 °C
EUT Setup:	1
Verdict:	Passed

EUT Information

PMT number:	19-1-00550S105_C01
Manufacturer:	AEV spol. s r.o.

Full Spectrum



2.02a_BT_LE_mid_standing

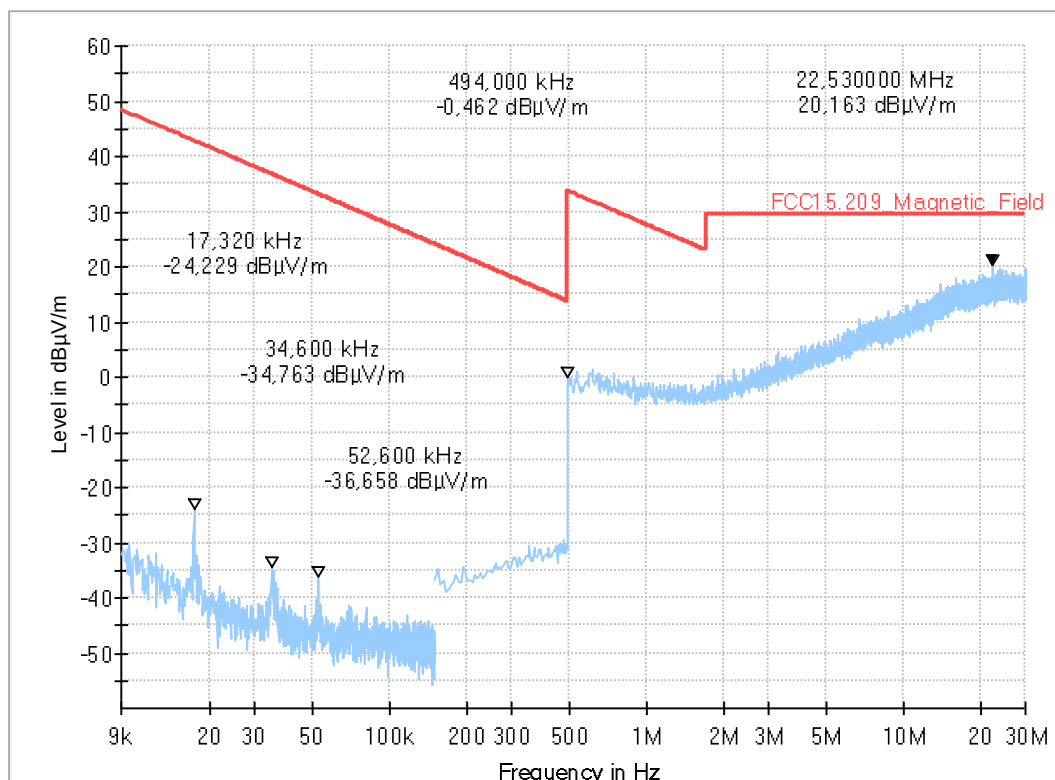
Common Information

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 polarization
Used Filter:	bypass
Test Standard:	FCC 15.205 § 15.209; RSS-Gen: Issue 5
Operator:	TFra
Operating Mode:	BLE TX 2440 MHz
Power during tests:	3V DC
Environmental Conditions:	Humidity : 40% rH; Temperature: 20 °C
EUT Setup:	1
Verdict:	Passed

EUT Information

PMT number:	19-1-00550S105_C01
Manufacturer:	AEV spol. s r.o.

Full Spectrum



2.02b_BT_LE_mid_laying

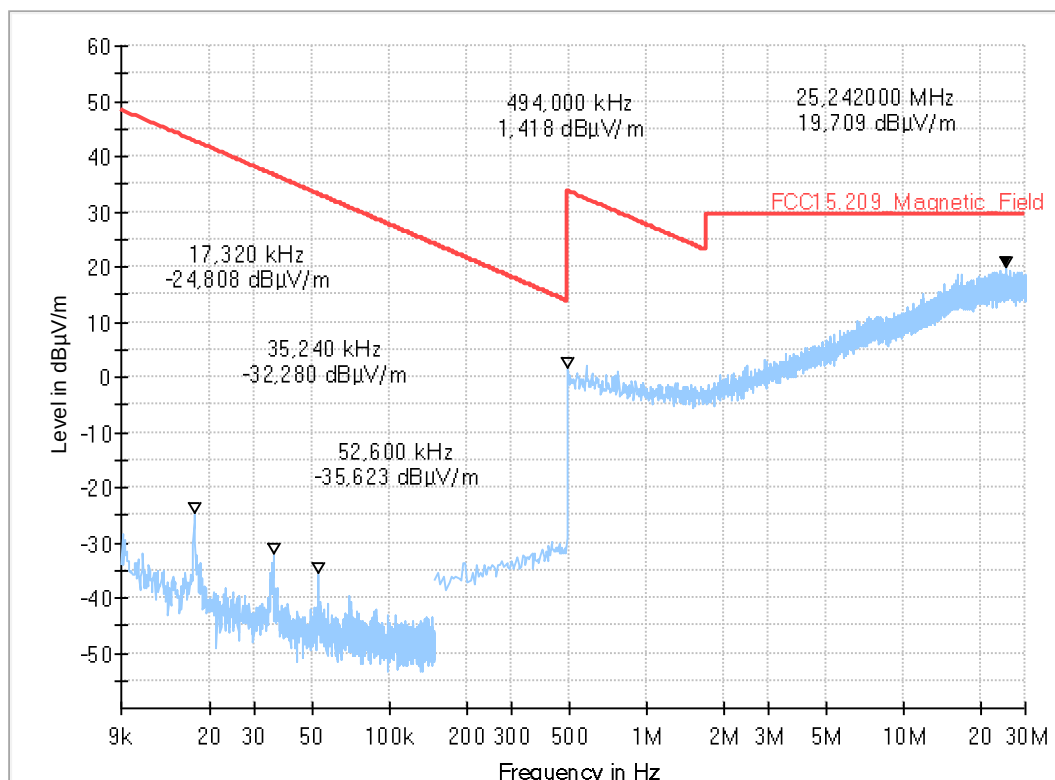
Common Information

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 polarization
Used Filter:	bypass
Test Standard:	FCC 15.205 § 15.209; RSS-Gen: Issue 5
Operator:	TFra
Operating Mode:	BLE TX 2440 MHz
Power during tests:	3V DC
Environmental Conditions::	Humidity : 40% rH; Temperature: 20 °C
EUT Setup:	1
Verdict:	Passed

EUT Information

PMT number:	19-1-00550S105_C01
Manufacturer:	AEV spol. s r.o.

Full Spectrum



2.03a_BT_LE_high_standing

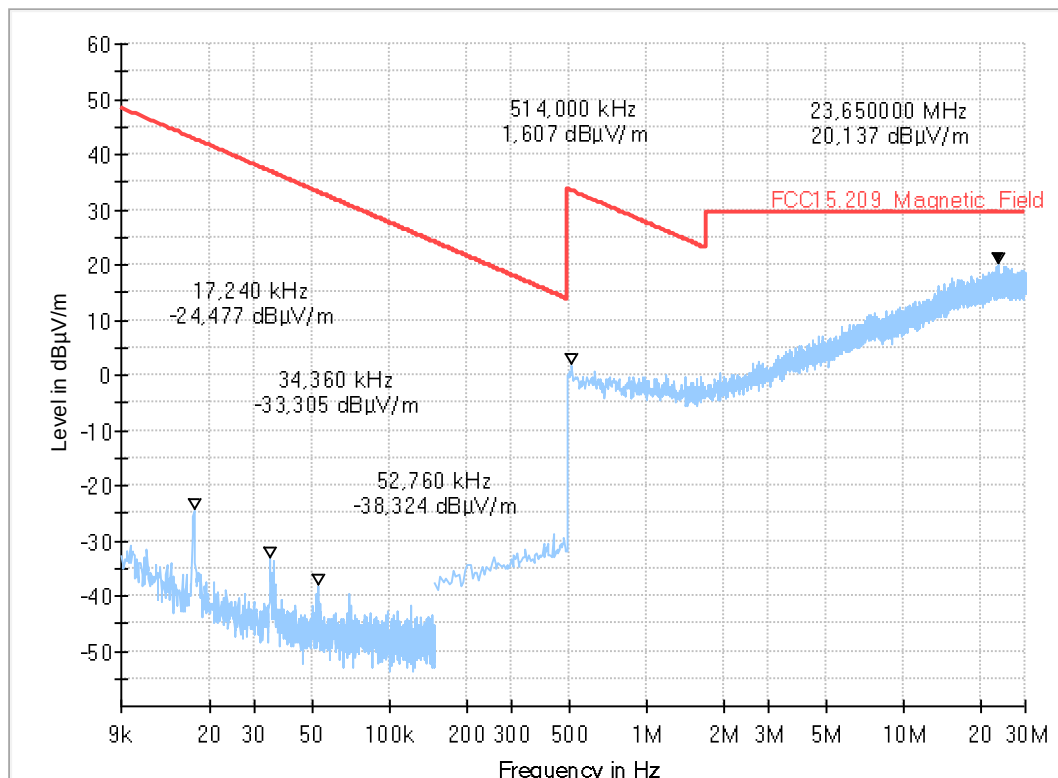
Common Information

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 polarization
Used Filter:	bypass
Test Standard:	FCC 15.205 § 15.209; RSS-Gen: Issue 5
Operator:	TFra
Operating Mode:	BLE TX 2480 MHz
Power during tests:	3V DC
Environmental Conditions:	Humidity : 40% rH; Temperature: 20 °C
EUT Setup:	1
Verdict:	Passed

EUT Information

PMT number:	19-1-00550S105_C01
Manufacturer:	AEV spol. s r.o.

Full Spectrum



2.03b_BT_LE_high_laying

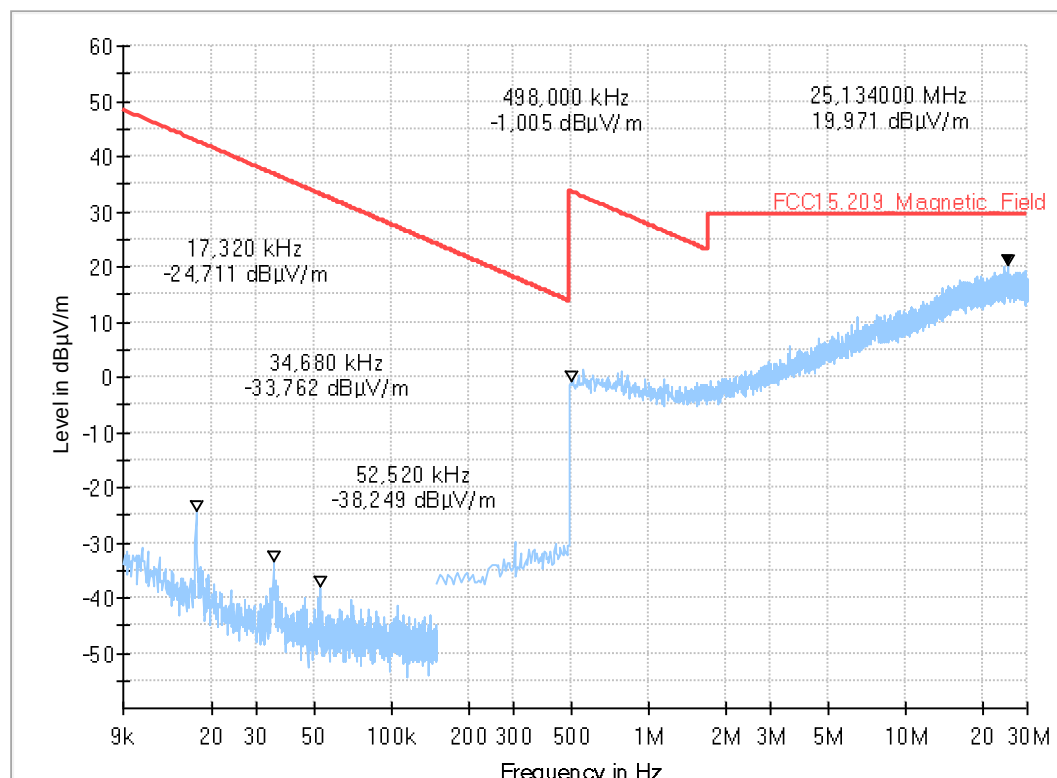
Common Information

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 polarization
Used Filter:	bypass
Test Standard:	FCC 15.205 § 15.209; RSS-Gen: Issue 5
Operator:	TFra
Operating Mode:	BLE TX 2480 MHz
Power during tests:	3V DC
Environmental Conditions:	Humidity : 40% rH; Temperature: 20 °C
EUT Setup:	1
Verdict:	Passed

EUT Information

PMT number:	19-1-00550S105_C01
Manufacturer:	AEV spol. s r.o.

Full Spectrum



3.01a_BT_LE_low_standing

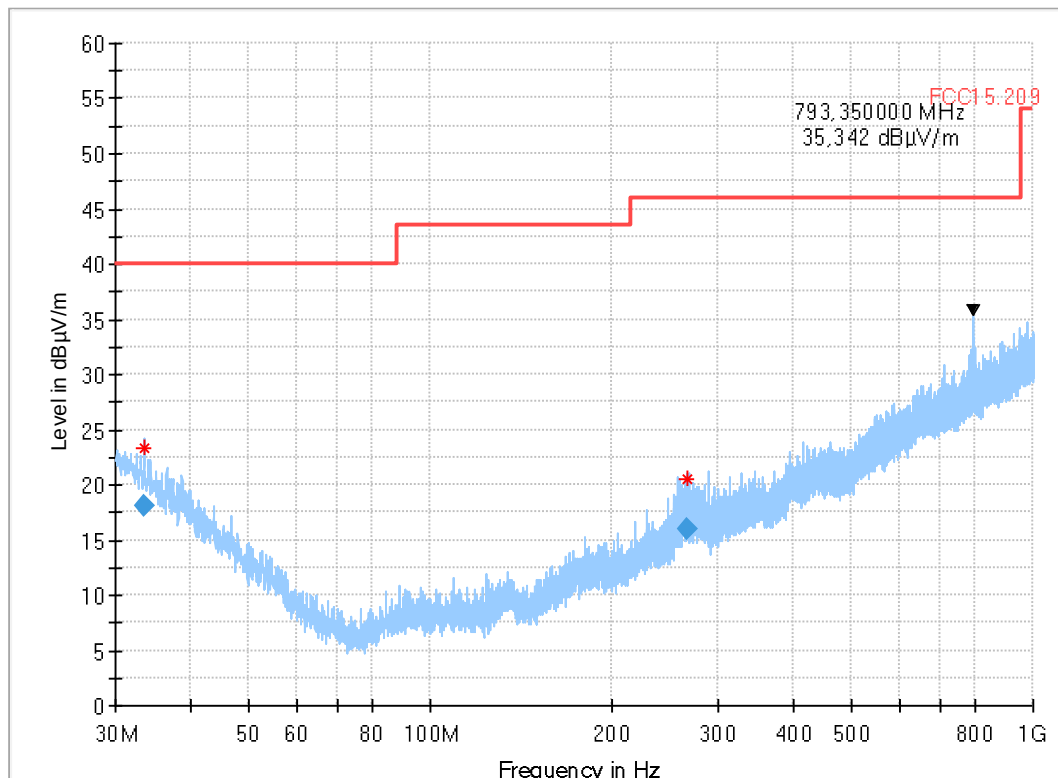
Common Information

Test Description: Electric Field Strength Measurement
 Test Spec.: FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5
 Antenna: receiving antenna is directed to all sides
 Operating Mode: BLE TX 2402 MHz
 Environmental Conditions: Humidity : 40% rH; Temperature: 20 °C
 Operator: TFra
 Verdict: Passed

EUT Information

PMT number: 19-1-00550S105_C01
 Manufacturer: AEV spol. s r.o.

Full Spectrum



Remark: The peak at 793.35 MHz is known external disturbance and does not come from EUT.

Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin	Meas. Time (ms)	Bandwidth	Height	Pol	Azimuth	Corr. (dB/m)
33.410000	18.05	40.00	21.95	1000.0	120.000	155.0	V	10.0	20.0
265.984000	15.88	46.00	30.12	1000.0	120.000	190.0	V	71.0	14.2

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

Frequency (MHz)	Comment
33.410000	11:33:12 - 08.07.2020
265.984000	11:39:02 - 08.07.2020

3.01b_BT_LE_low_laying

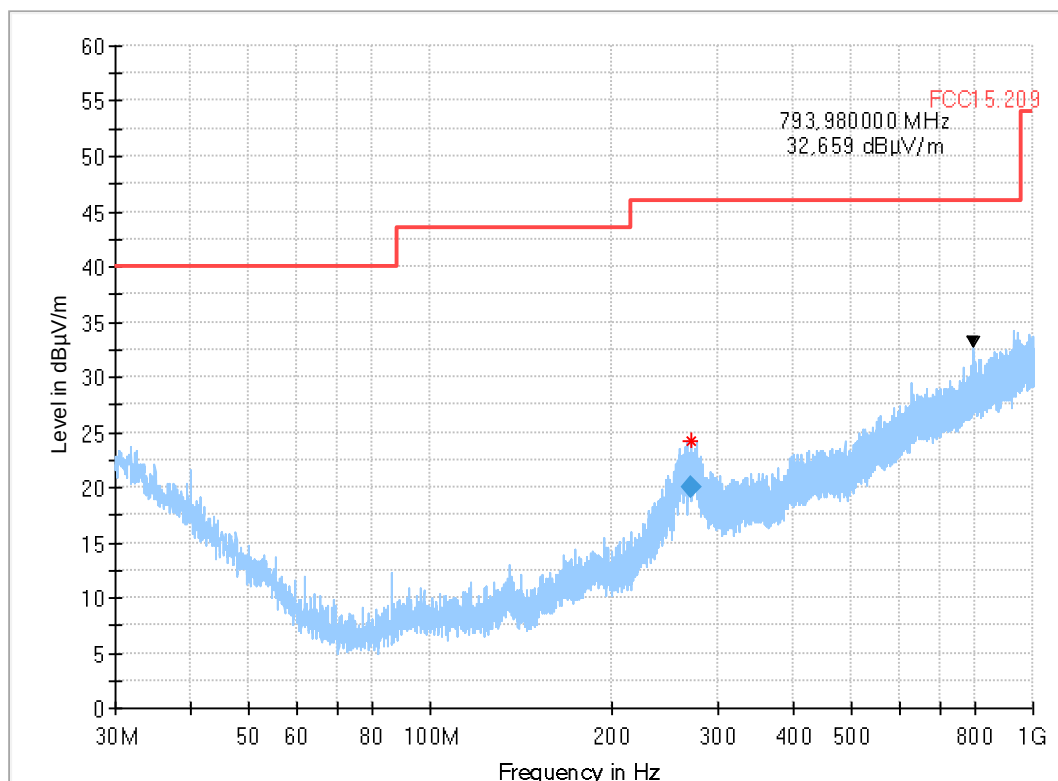
Common Information

Test Description:	Electric Field Strength Measurement
Test Spec.:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5
Antenna:	receiving antenna is directed to all sides
Operating Mode:	BLE TX 2402 MHz
Environmental Conditions:	Humidity : 40% rH; Temperature: 20 °C
Operator:	TFra
Verdict:	Passed

EUT Information

PMT number:	19-1-00550S105_C01
Manufacturer:	AEV spol. s r.o.

Full Spectrum



Remark: The peak at 793.98 MHz is known external disturbance and does not come from EUT.

Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin	Meas. Time (ms)	Bandwidth (Hz)	Height	Pol	Azimuth	Corr. (dB/m)
271.486000	20.07	46.00	25.93	1000.0	120.000	127.0	H	172.0	14.6

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

Frequency (MHz)	Comment
271.486000	11:14:57 - 08.07.2020

3.02a_BT_LE_mid_standing

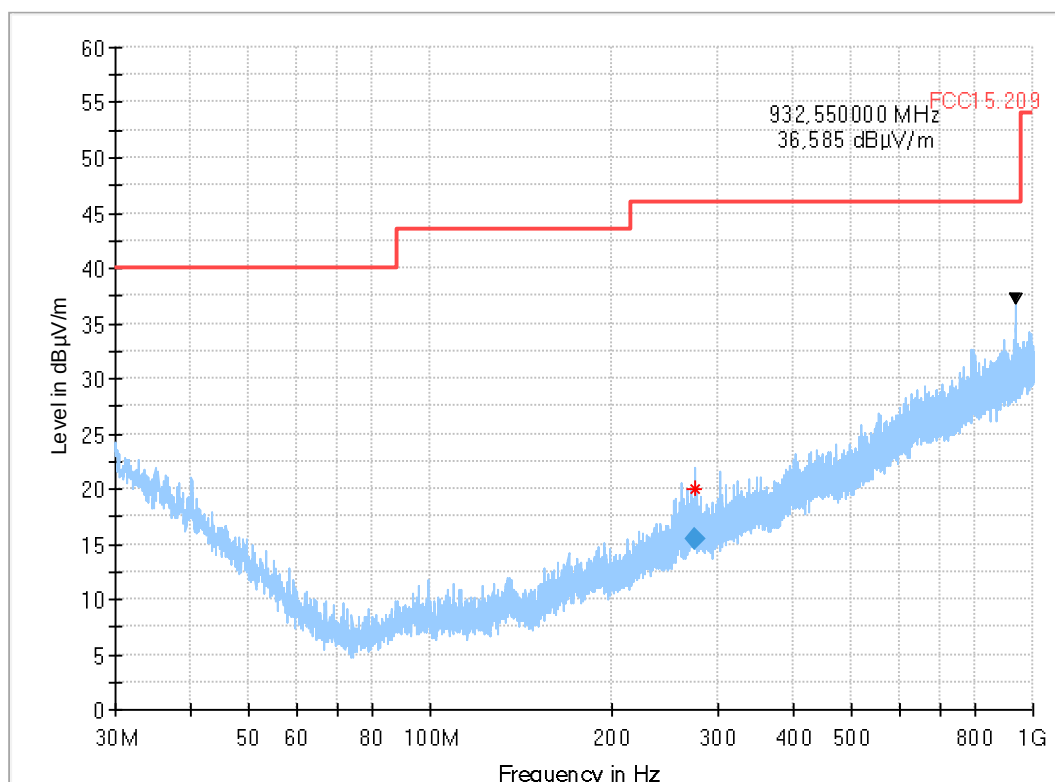
Common Information

Test Description:	Electric Field Strength Measurement
Test Spec.:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5
Antenna:	receiving antenna is directed to all sides
Operating Mode:	BLE TX 2440 MHz
Environmental Conditions:	Humidity : 40% rH; Temperature: 20 °C
Operator:	TFra
Verdict:	Passed

EUT Information

PMT number:	19-1-00550S105_C01
Manufacturer:	AEV spol. s r.o.

Full Spectrum



Remark: The peak at 932.58 MHz is known external disturbance and does not come from EUT.

Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin	Meas. Time (ms)	Bandwidth (Hz)	Height	Pol	Azimuth	Corr. (dB/m)
275.496000	15.51	46.00	30.49	1000.0	120.000	180.0	V	243.0	14.7

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

Frequency (MHz)	Comment
275.496000	12:24:14 - 08.07.2020

3.02b_BT_LE_mid_laying

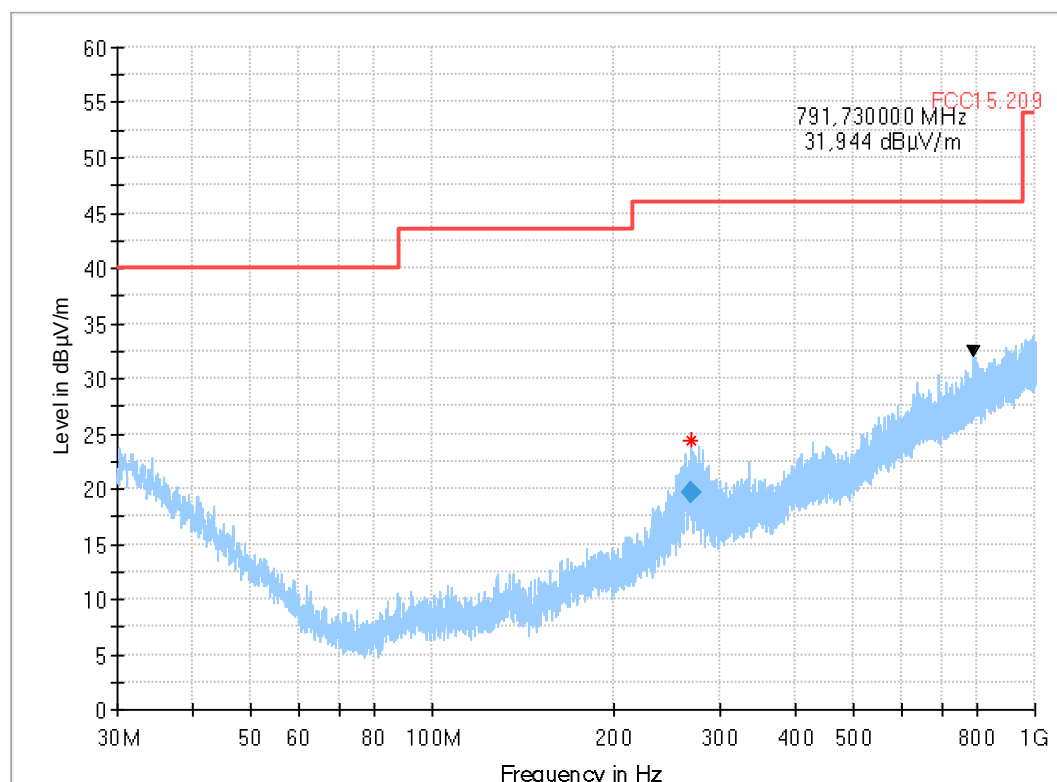
Common Information

Test Description:	Electric Field Strength Measurement
Test Spec.:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5
Antenna:	receiving antenna is directed to all sides
Operating Mode:	BLE TX 2440 MHz
Environmental Conditions:	Humidity : 40% rH; Temperature: 20 °C
Operator:	TFra
Verdict:	Passed

EUT Information

PMT number:	19-1-00550S105_C01
Manufacturer:	AEV spol. s r.o.

Full Spectrum



Remark: The peak at 791.73 MHz is known external disturbance and does not come from EUT.

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin	Meas. Time (ms)	Bandwidth (Hz)	Height	Pol	Azimuth	Corr. (dB/m)
268.370000	19.72	46.00	26.28	1000.0	120.000	128.0	H	132.0	14.5

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

Frequency (MHz)	Comment
268.370000	12:03:38 - 08.07.2020

3.03a_BT_LE_high_standing

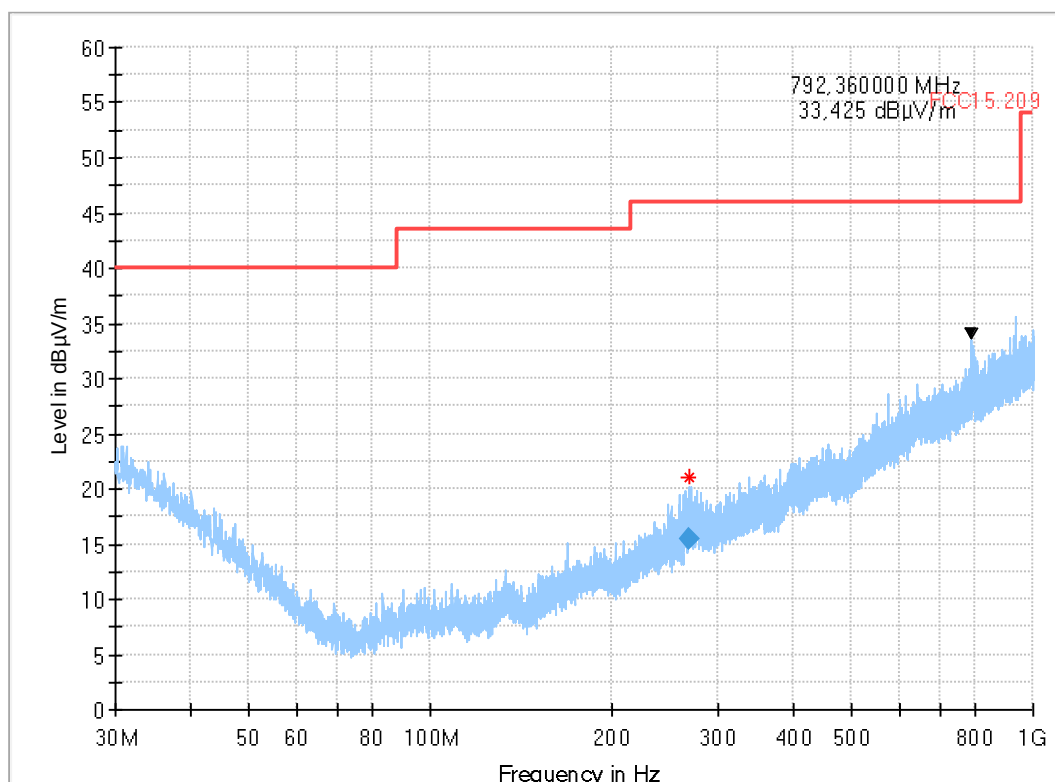
Common Information

Test Description:	Electric Field Strength Measurement
Test Spec.:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5
Antenna:	receiving antenna is directed to all sides
Operating Mode:	BLE TX 2480 MHz
Environmental Conditions:	Humidity : 40% rH; Temperature: 20 °C
Operator:	TFra
Verdict:	Passed

EUT Information

PMT number:	19-1-00550S105_C01
Manufacturer:	AEV spol. s r.o.

Full Spectrum



Remark: The peak at 792.36 MHz is known external disturbance and does not come from EUT.

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin	Meas. Time (ms)	Bandwidth (Hz)	Height	Pol	Azimuth	Corr. (dB/m)
267.954000	15.48	46.00	30.52	1000.0	120.000	222.0	V	249.0	14.4

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

Frequency (MHz)	Comment
267.954000	13:04:53 - 08.07.2020

3.03b_BT_LE_high_laying

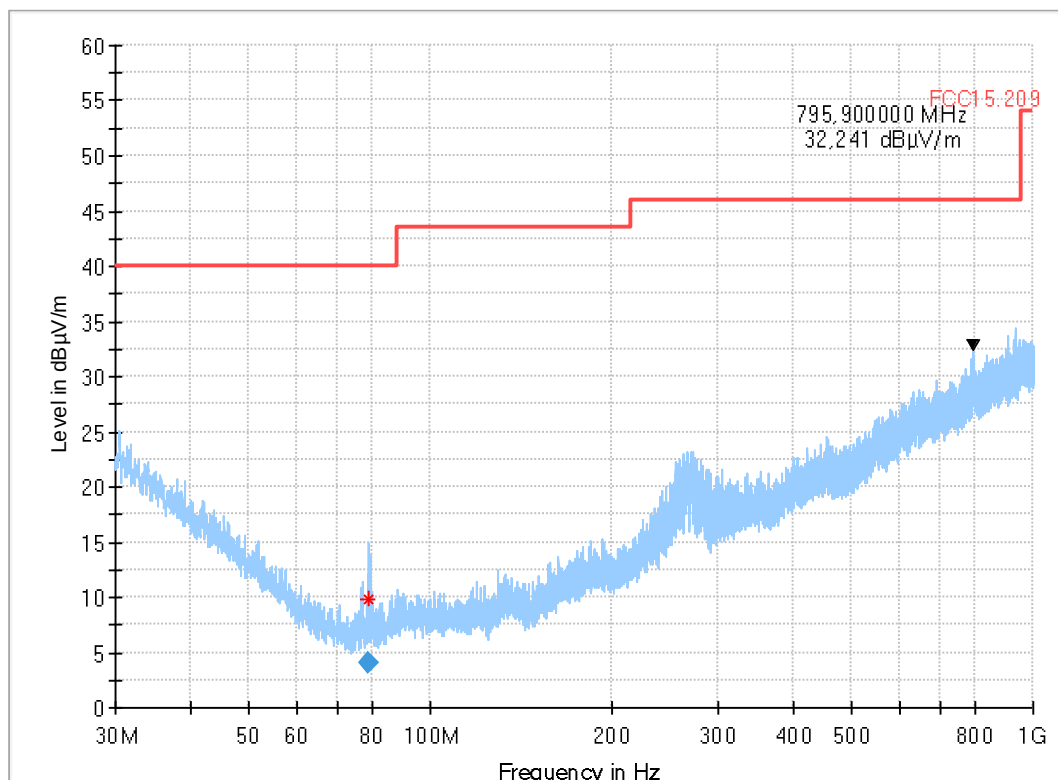
Common Information

Test Description:	Electric Field Strength Measurement
Test Spec.:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5
Antenna:	receiving antenna is directed to all sides
Operating Mode:	BLE TX 2480 MHz
Environmental Conditions:	Humidity : 40% rH; Temperature: 20 °C
Operator:	TFra
Verdict:	Passed

EUT Information

PMT number:	19-1-00550S105_C01
Manufacturer:	AEV spol. s r.o.

Full Spectrum



Remark: The peak at 795.90 MHz is known external disturbance and does not come from EUT.

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin	Meas. Time (ms)	Bandwidth (Hz)	Height	Pol	Azimuth	Corr. (dB/m)
78.856000	3.96	40.00	36.04	1000.0	120.000	285.0	H	150.0	6.8

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

Frequency (MHz)	Comment
78.856000	12:46:25 - 08.07.2020

4.04a_BT_LE_low

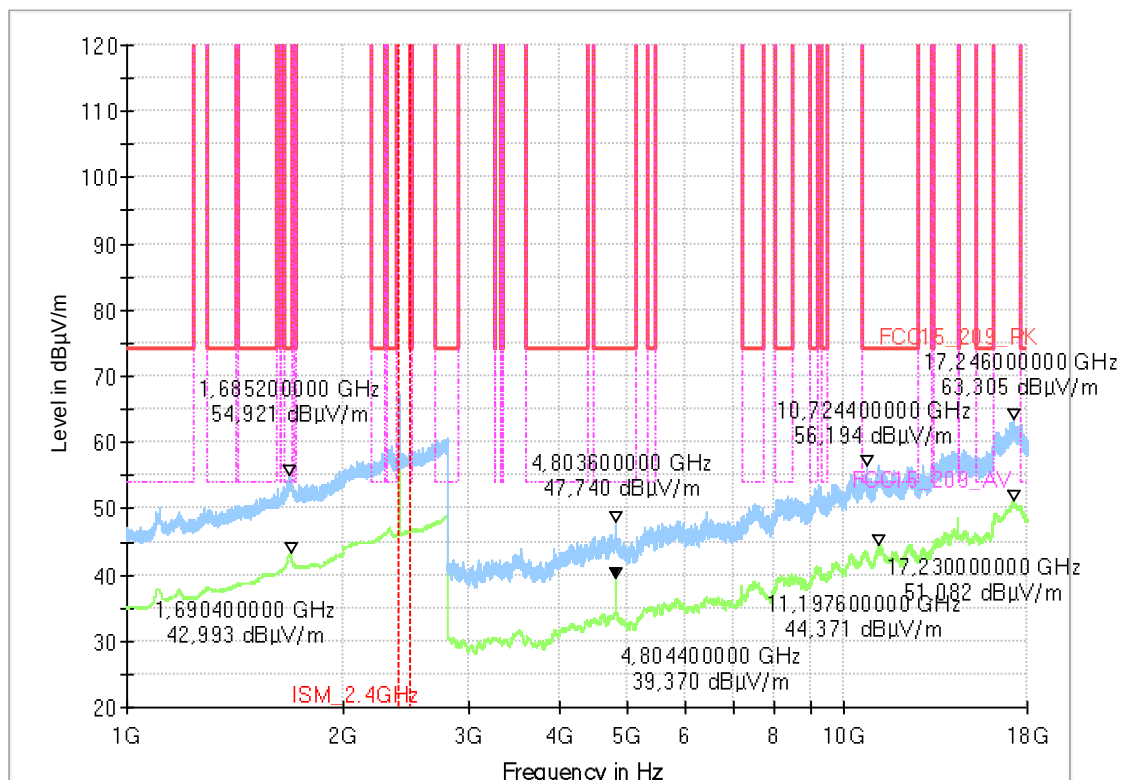
Common Information

Test Description:	Radiated field strength emission in 3 m 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 polarization:	horizontal/vertical
Environmental Conditions::	Humidity : 51% rH; Temperature: 21 °C
Operating Mode:	BLE TX LOW
Operator:	tfa
Comment:	Channel no. low
EUT Setup:	1
Verdict:	Passed

EUT Information

PMT number:	19-1-00550S103_C01
Manufacturer:	AEV spol. s r.o.

Full Spectrum



4.05a_BT_LE_mid

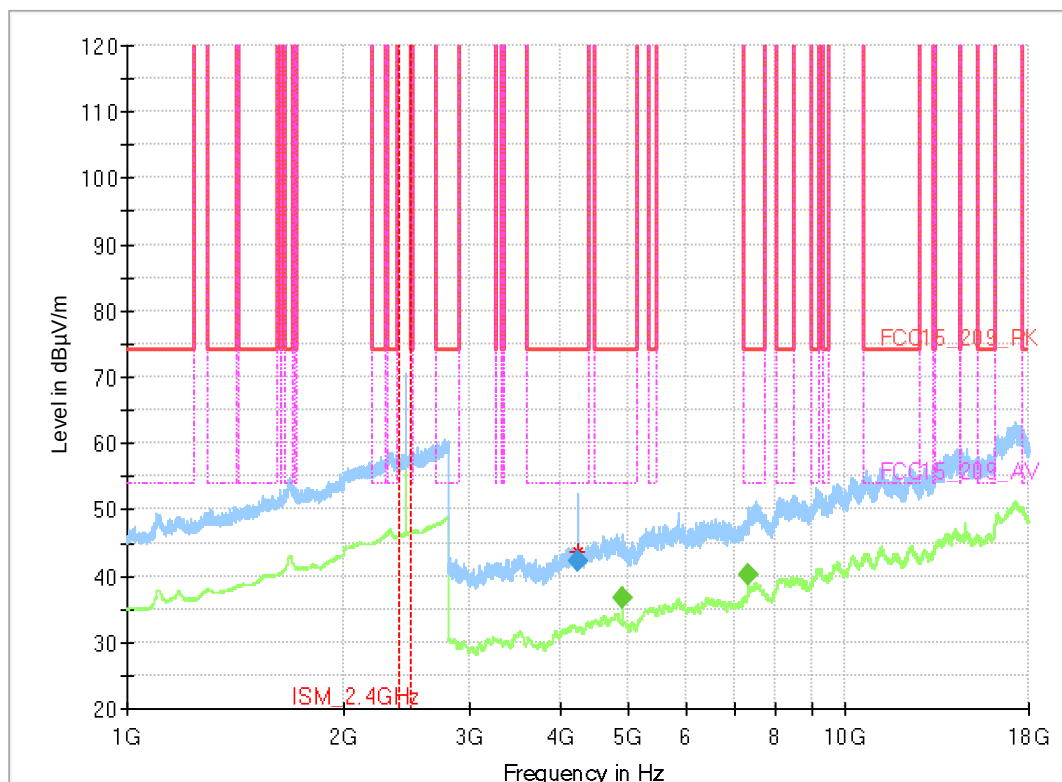
Common Information

Test Description:	Radiated field strength emission in 3 m 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 polarization:	horizontal/vertical
Environmental Conditions::	Humidity : 51% rH; Temperature: 21 °C
Operating Mode:	BLE TX mid
Operator:	npe
Comment:	Channel no. middle
EUT Setup:	1
Verdict:	Passed

EUT Information

PMT number:	19-1-00550S103_C01
Manufacturer:	AEV spol. s r.o.

Full Spectrum



Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin	Meas. Time (ms)	Bandwidth	Height	Pol	Azimuth	Elevation
4236.800000	42.08	---	74.00	31.92	100.0	1000.000	155.0	H	156.0	0.0
4880.400000	---	36.80	54.00	17.20	100.0	1000.000	155.0	H	170.0	90.0
7319.200000	---	40.21	54.00	13.79	100.0	1000.000	155.0	H	8.0	90.0

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

Frequency (MHz)	Corr. (dB/m)	Comment
4236.800000	4	09:23:14 - 07.07.2020
4880.400000	6	09:26:16 - 07.07.2020
7319.200000	13	09:24:51 - 07.07.2020

4.06a_BT_LE_high

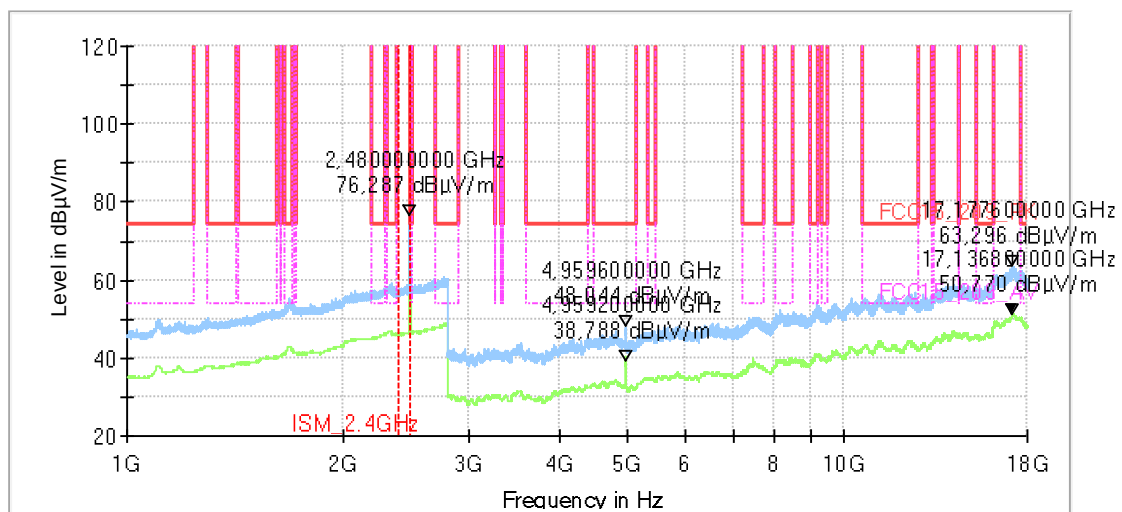
Common Information

Test Description:	Radiated field strength emission in 3 m 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 polarization:	horizontal/vertical
Environmental Conditions::	Humidity : 51% rH; Temperature: 21 °C
Operating Mode:	BLE TX high
Operator:	npe
Comment:	Channel high, 2480 MHz
EUT Setup:	1
Verdict:	Passed

EUT Information

PMT number:	19-1-00550S103_C01
Manufacturer:	AEV spol. s r.o.

Full Spectrum



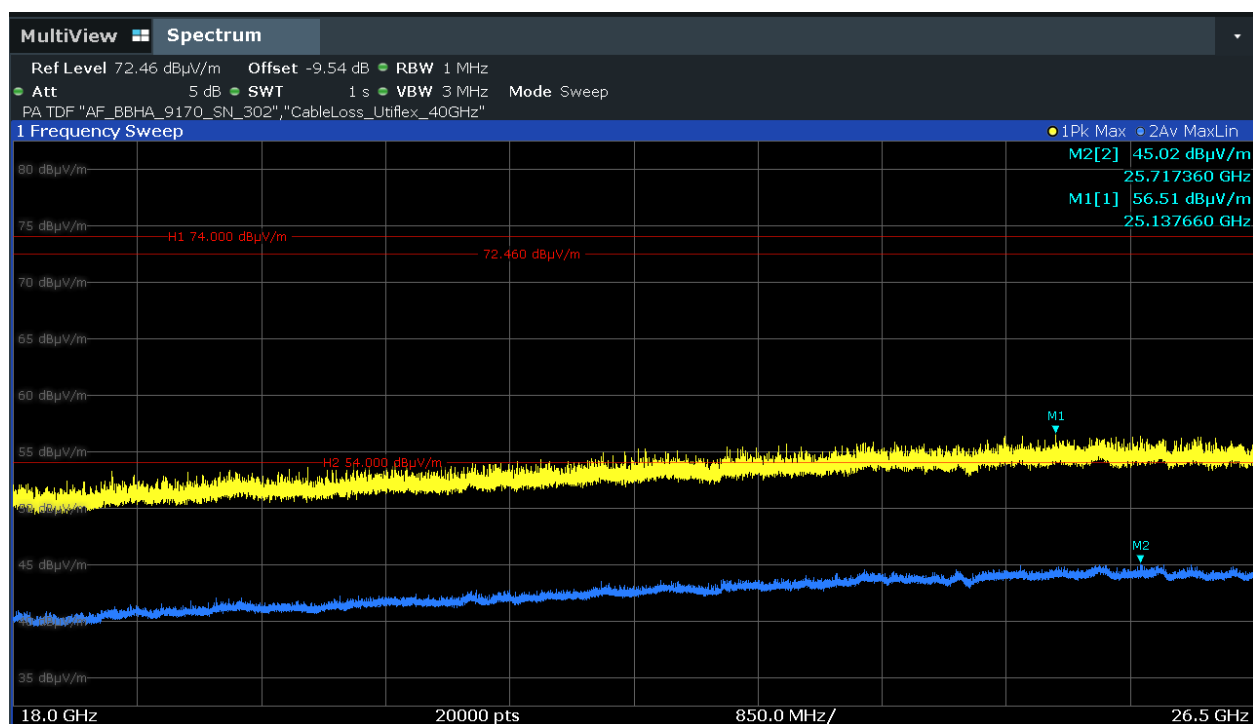
4.04b_BT_LE_low

Common Information

Test Description:	Radiated field strength emission in 1 m distance
Test Site:	Fully Anechoic Chamber (FAC2)
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5
Antenna polarization:	horizontal/vertical
Environmental Conditions:	Humidity : 51% rH; Temperature: 21 °C
Operating Mode:	BLE TX low
Operator:	npe
Comment:	Channel low, 2402 MHz
EUT Setup:	1
Verdict:	Passed

EUT Information

PMT number:	19-1-00550S103_C01
Manufacturer:	AEV spol. s r.o.



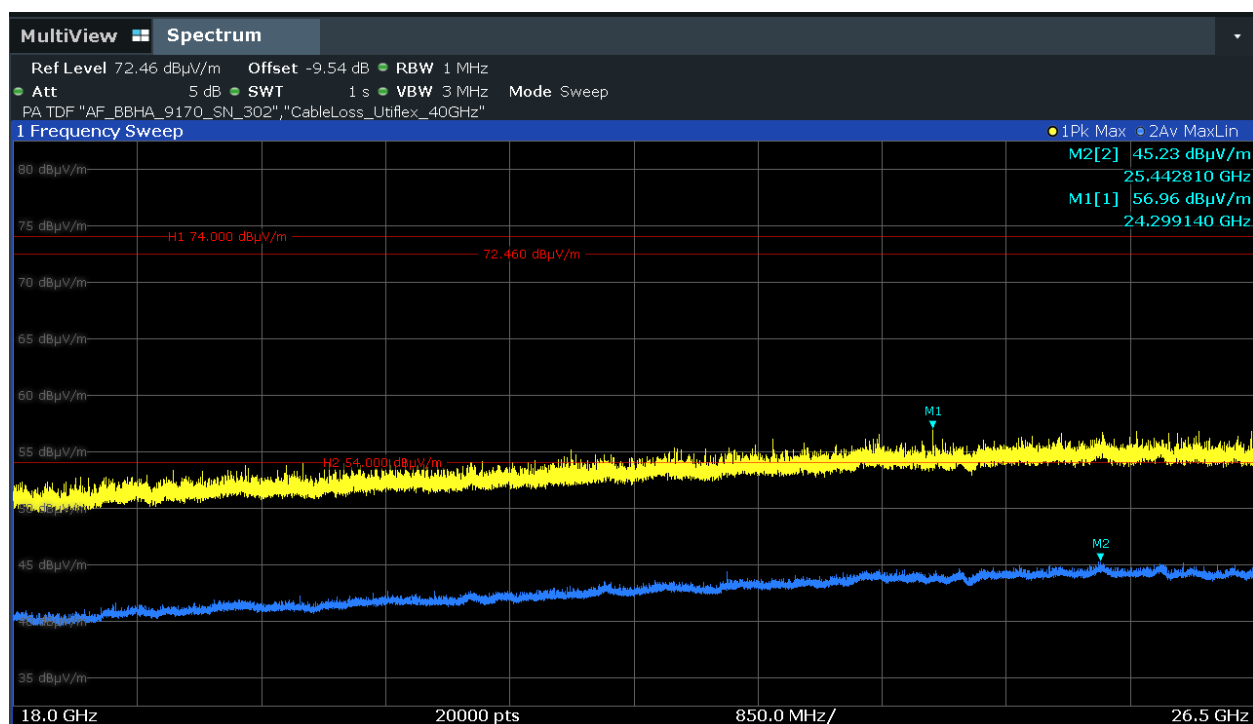
4.05b_BT_LE_mid

Common Information

Test Description:	Radiated field strength emission in 1 m distance
Test Site:	Fully Anechoic Chamber (FAC2)
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5
Antenna polarization:	horizontal/vertical
Environmental Conditions:	Humidity : 51% rH; Temperature: 21 °C
Operating Mode:	BLE TX mid
Operator:	npe
Comment:	Channel mid, 2442 MHz
EUT Setup:	1
Verdict:	Passed

EUT Information

PMT number:	19-1-00550S103_C01
Manufacturer:	AEV spol. s r.o.



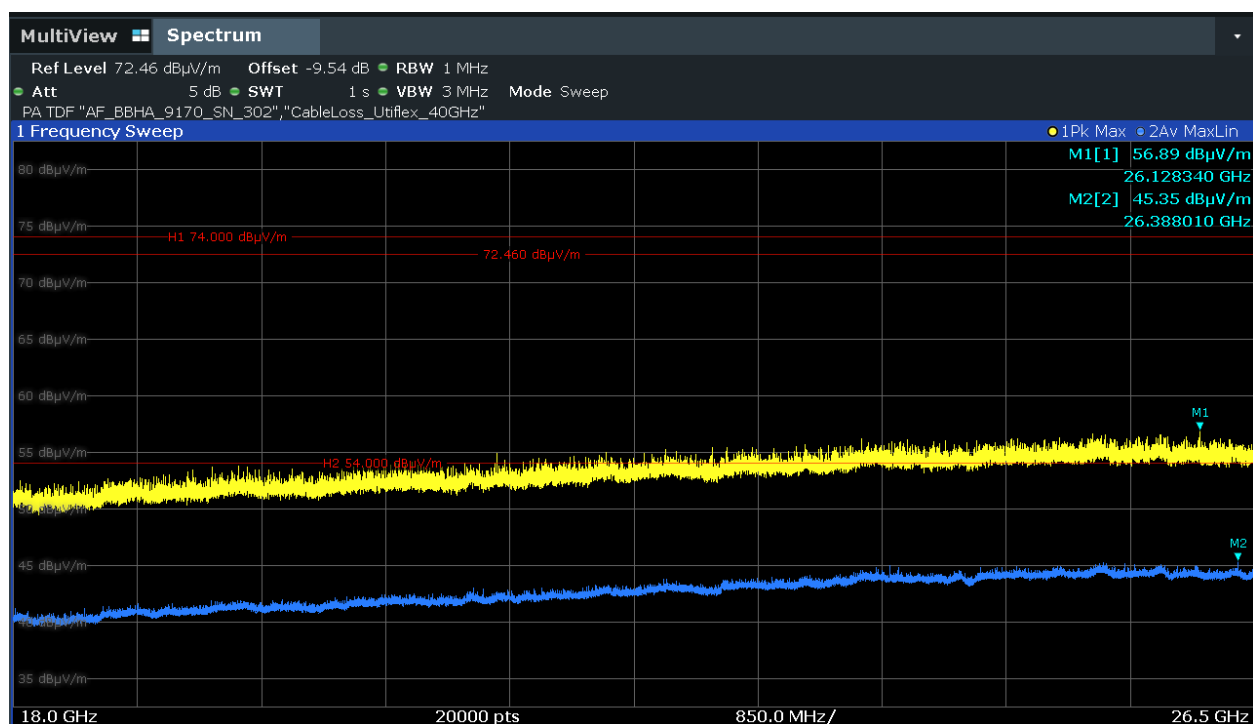
4.06b_BT_LE_high

Common Information

Test Description:	Radiated field strength emission in 1 m distance
Test Site:	Fully Anechoic Chamber (FAC2)
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5
Antenna polarization:	horizontal/vertical
Environmental Conditions:	Humidity : 51% rH; Temperature: 21 °C
Operating Mode:	BLE TX high
Operator:	npe
Comment:	Channel mid, 2480 MHz
EUT Setup:	1
Verdict:	Passed

EUT Information

PMT number:	19-1-00550S103_C01
Manufacturer:	AEV spol. s r.o.



9.01_BE_BT_LE_low

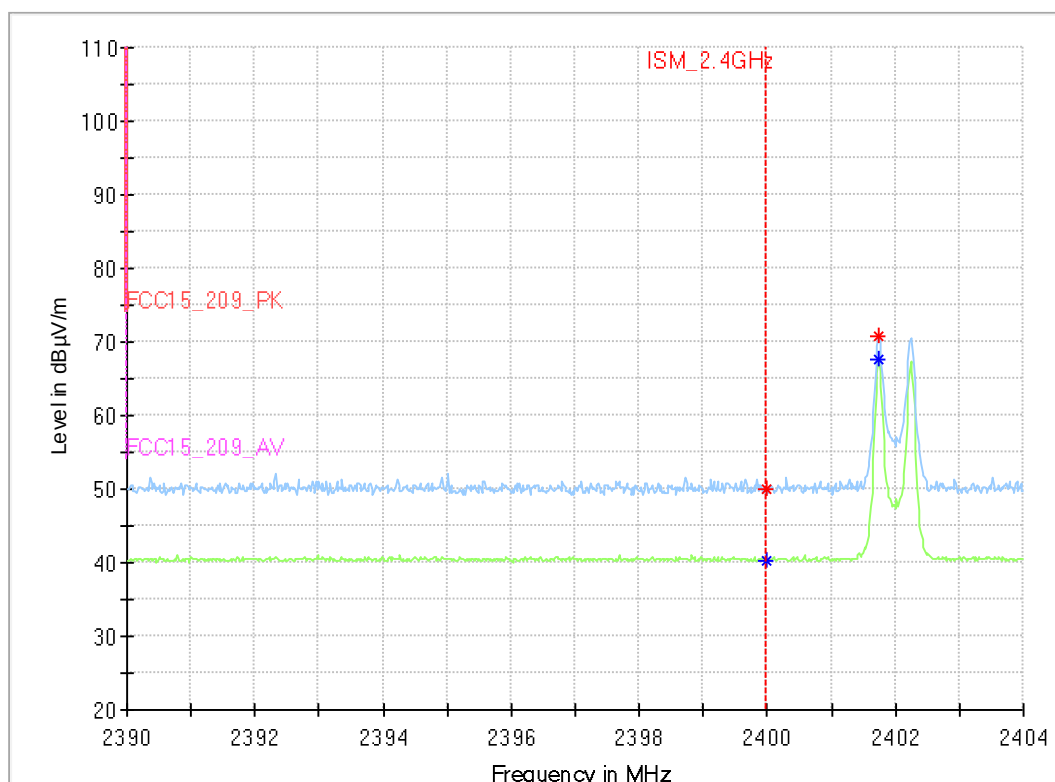
Common Information

Test Description:	Band-Edge: Radiated Field Strength Emissions Emissions in 3 m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0
Test Standard:	FCC 15.231&15.209 Intentional Radiator / RSS-Gen, Issue 5
Antenna polarization:	horizontal/vertical
Environmental Conditions::	Humidity : 51% rH; Temperature: 21 °C
Operating Mode:	BT_Low Channel
Operator:	Mah
Comment:	Channel no. low
EUT Setup:	1
Verdict:	Passed

EUT Information

PMT number:	19-1-00550S103_C01
Manufacturer:	AEV spol. s r.o.

Full Spectrum



Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	RMS (dBμV/m)	Limit (dBμV/m)	Margin	Meas. Time (ms)	Bandwidth	Height	Pol	Azimuth	Elevation
2400.000000	---	40.24	150.00	109.76	---	---	155.0	H	0.0	90.0
2400.000000	50.07	---	150.00	99.93	---	---	155.0	V	252.0	0.0
2401.740000	70.74	---	150.00	79.26	---	---	155.0	H	203.0	0.0
2401.740000	---	67.59	150.00	82.41	---	---	155.0	H	203.0	0.0

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

Frequency (MHz)	Corr. (dB/m)	Comment
2400.000000	36	08:45:44 - 13.07.2020
2400.000000	36	08:45:38 - 13.07.2020
2401.740000	36	08:45:50 - 13.07.2020
2401.740000	36	08:45:49 - 13.07.2020

9.02_BE_BT_LE_high

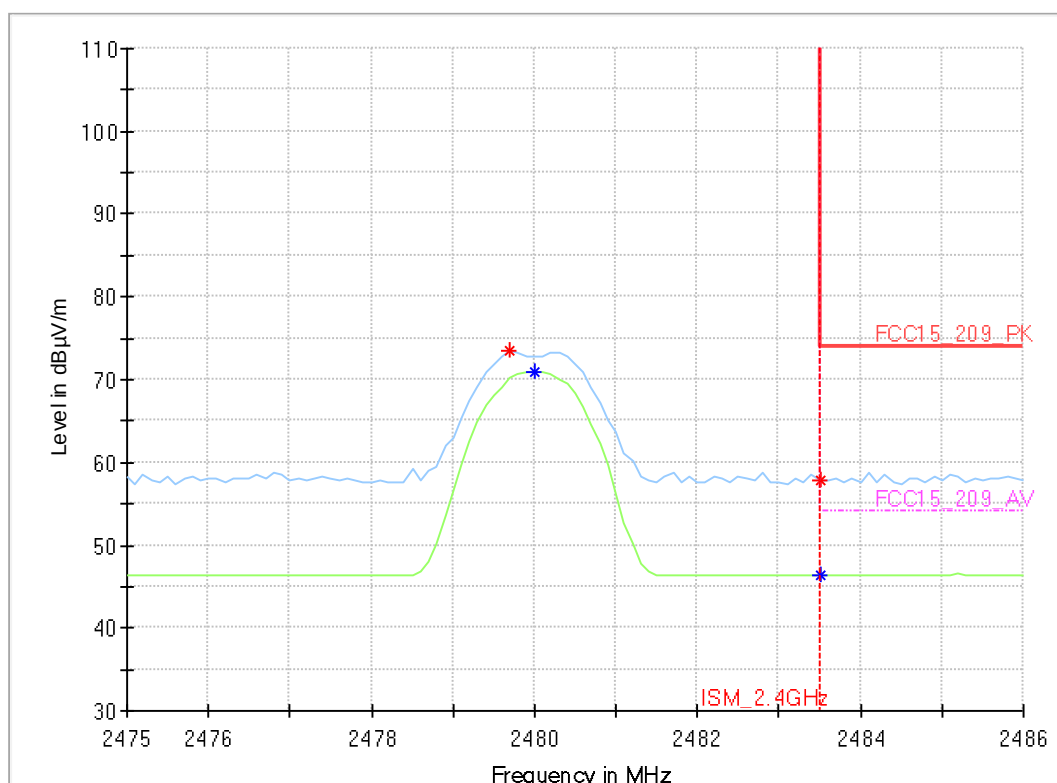
Common Information

Test Description:	Band-Edge: Radiated Field Strength Emissions Emissions in 3 m 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 polarization:	horizontal/vertical
Environmental Conditions::	Humidity : 51% rH; Temperature: 21 °C
Operating Mode:	BT_High Channel
Operator:	Mah/TFra
Comment:	Channel no.high
EUT Setup:	1
Verdict:	Passed

EUT Information

PMT number:	19-1-00550S103_C01
Manufacturer:	AEV spol. s r.o.

Full Spectrum



Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	RMS (dBμV/m)	Limit (dBμV/m)	Margin	Meas. Time (ms)	Bandwidth	Height	Pol	Azimuth	Elevation
2479.700000	73.56	---	150.00	76.44	---	---	155.0	H	196.0	0.0
2480.000000	---	70.89	150.00	79.11	---	---	155.0	H	196.0	0.0
2483.500000	---	46.39	54.00	7.61	---	---	155.0	V	208.0	90.0
2483.500000	57.92	---	74.00	16.08	---	---	155.0	V	208.0	90.0

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

Frequency (MHz)	Corr. (dB/m)	Comment
2479.700000	36	09:06:44 - 13.07.2020
2480.000000	36	09:06:49 - 13.07.2020
2483.500000	36	09:07:02 - 13.07.2020
2483.500000	36	09:06:57 - 13.07.2020

End Of Annex 1