Annex 1: Measurement diagrams to
T E S T R E P O R T
No.: 17-1-0135301T01a

According to:
FCC Regulations
Part 15.209
Part 15.247

IC-Regulations
RSS-Gen, Issue 4
RSS-247, Issue 2

for

Husqvarna AB

Bluetooth Low-Energy Module HQ-BLE-1
582 87 12

FCC: ZASHQ-BLE-1A
ISED: 23307-HQBLE1A
PMN: HMI Board Type 12
HVIN: HMI Board Type 12

Laboratory Accreditation and Listings			
DAkkS Deutsche Akkreditierungsstelle D-PL-12047-01-01 Accredited EMC-Test Laboratory	FCC MRA US-EU 0003	Industry Canada Reg N.: 3462D-1 Reg. No.: 3462D-2 Reg. No.: 3462D-3	VCCI Voluntary Controls for Electromagnetic Emissions Reg. No.: R-2666 C-2914, T-1967, G-301
Wi Fi ALLIANCE AUTHORIZED RF LABORATORY	ctia Authorized™ Test Lab Lab Code: 20011130-00		
accredited according to DIN EN ISO/IEC 17025			

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1. Conducted RF-measurements on antenna port

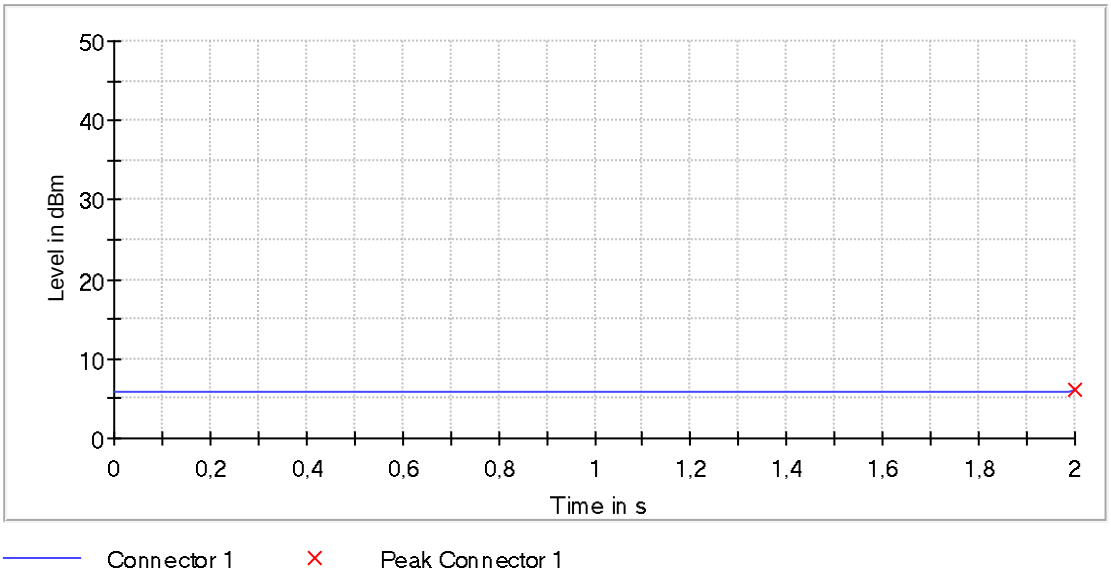
1.1. RF output Power

Peak output power (2402 MHz)

Test according to FCC title 47 part 15 §15.247(b), KDB 558074 D01 DTS Meas Guidance v03r05 and ANSI C63.10

Result

DUT Frequency (MHz)	Peak Power (dBm)	Limit Max (dBm)	Result
2402.000000	6.0	30.0	PASS



Peak Power 1

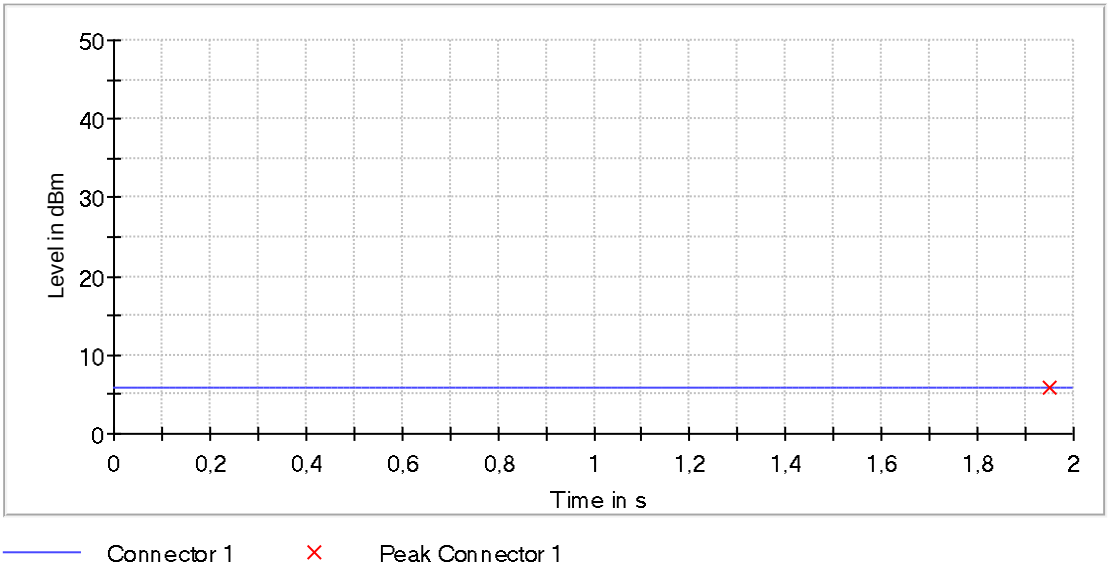
Peak Power_low_2402

Peak output power (2442 MHz)

Test according to FCC title 47 part 15 §15.247(b), KDB 558074 D01 DTS Meas Guidance v03r05 and ANSI C63.10

Result

DUT Frequency (MHz)	Peak Power (dBm)	Limit Max (dBm)	Result
2442.000000	6.0	30.0	PASS



Peak Power 1

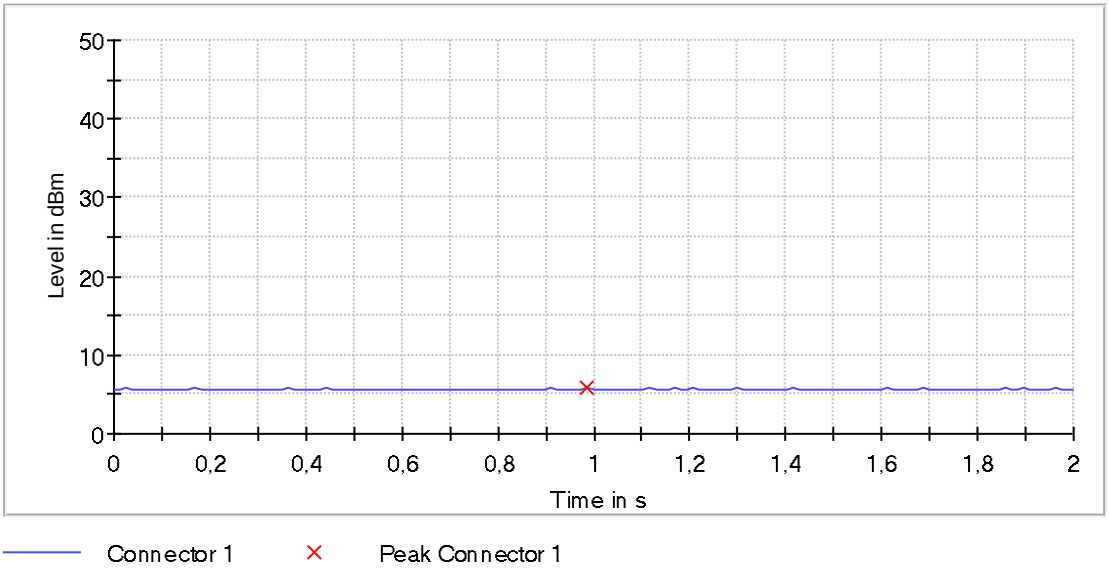
Peak Power_mid_2442

Peak output power (2480 MHz)

Test according to FCC title 47 part 15 §15.247(b), KDB 558074 D01 DTS Meas Guidance v03r05 and ANSI C63.10

Result

DUT Frequency (MHz)	Peak Power (dBm)	Limit Max (dBm)	Result
2480.000000	5.8	30.0	PASS



Peak Power 1

Peak Power_high_2480

1.2. Dutycyle

DutyCycle

Definition: Duty Cycle is defined as the ratio of the total transmitter 'on'-time to the observation period.

Frequency (MHz)	DutyCycle (%)	Limit Max (%)	Result
2402	100.000	---	PASS
2442	100.000	---	PASS
2480	100.000	---	PASS

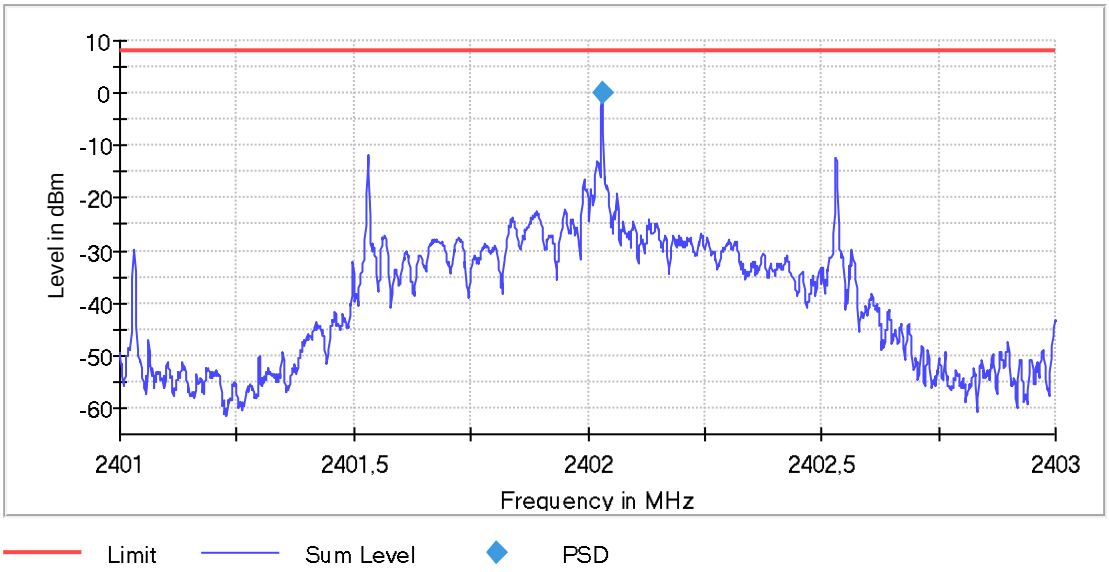
1.3.Power spectral density

Power Spectral Density (2402 MHz)

Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v03r05 and ANSI C63.10

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2402.000000	2402.030769	0.182	8.0	PASS



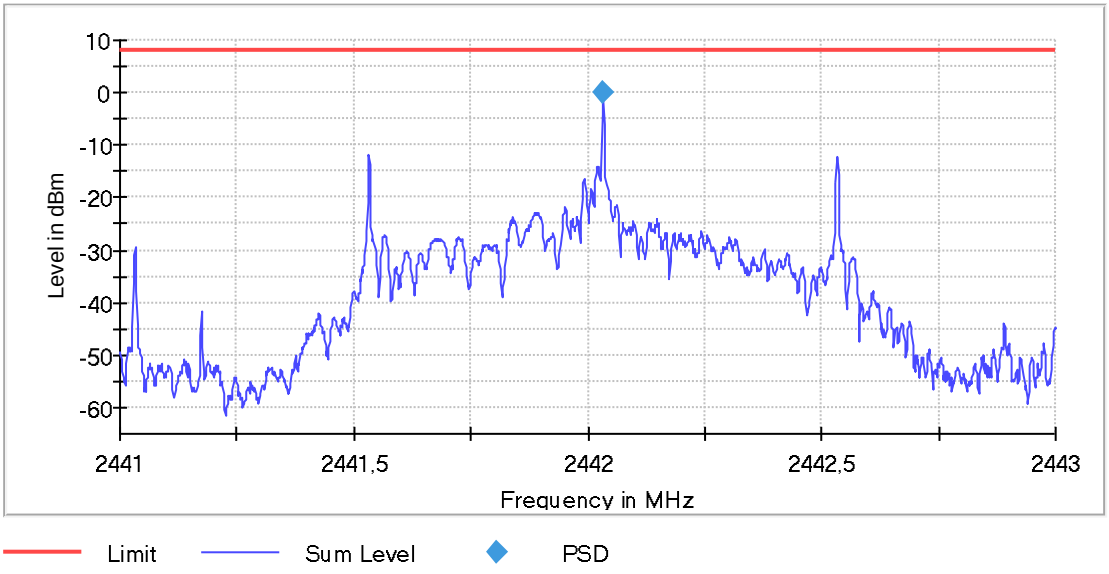
PSD Connector 1

Power Spectral Density (2442 MHz)

Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v03r05 and ANSI C63.10

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2442.000000	2442.032308	0.173	8.0	PASS



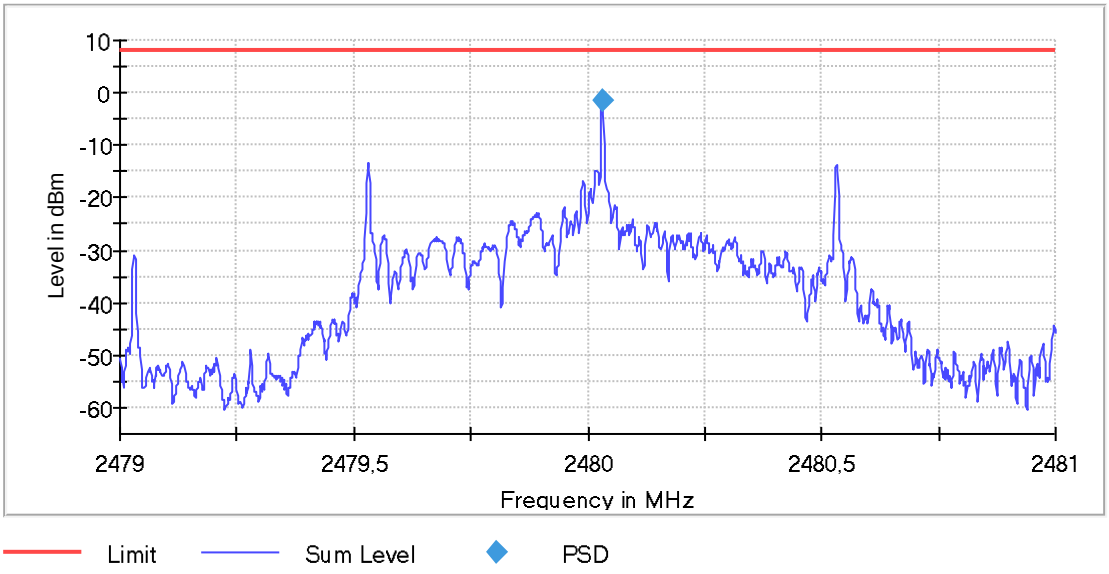
PSD Connector 1

Power Spectral Density (2480 MHz)

Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v03r05 and ANSI C63.10

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2480.000000	2480.030769	-1.652	8.0	PASS



PSD Connector 1

1.4. 6dB bandwidth

Minimum Emission Bandwidth 6 dB (2402 MHz)

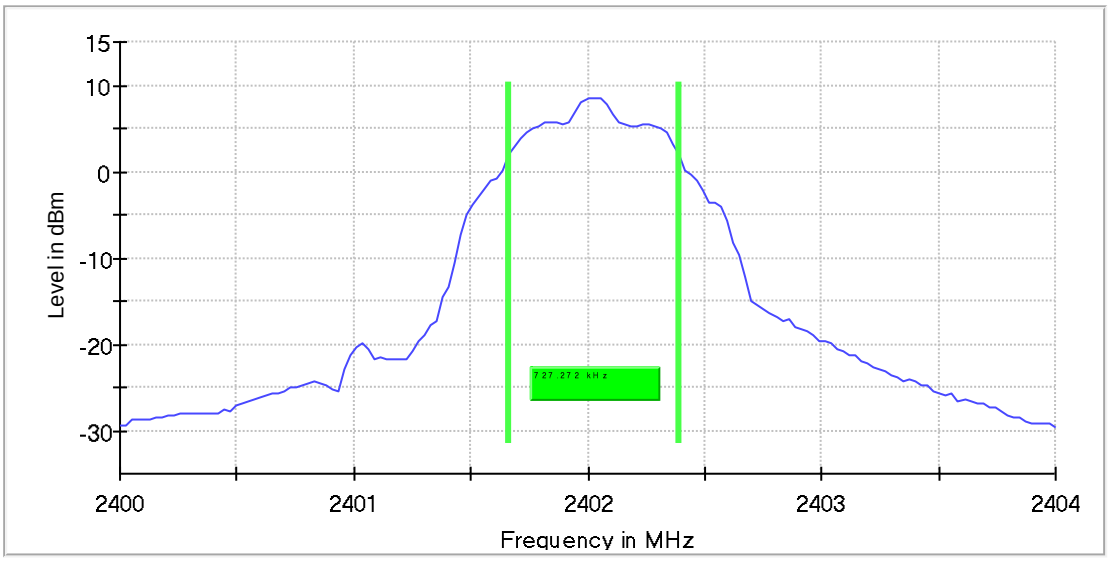
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v03r05 and ANSI C63.10

6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Max Level (dBm)
2402.000000	0.727272	0.500000	---	2401.662338	2402.389610	8.5

(continuation of the "6 dB Bandwidth" table from column 7 ...)

DUT Frequency (MHz)	Result
2402.000000	PASS



Bandwidth

Minimum Emission Bandwidth 6 dB (2442 MHz)

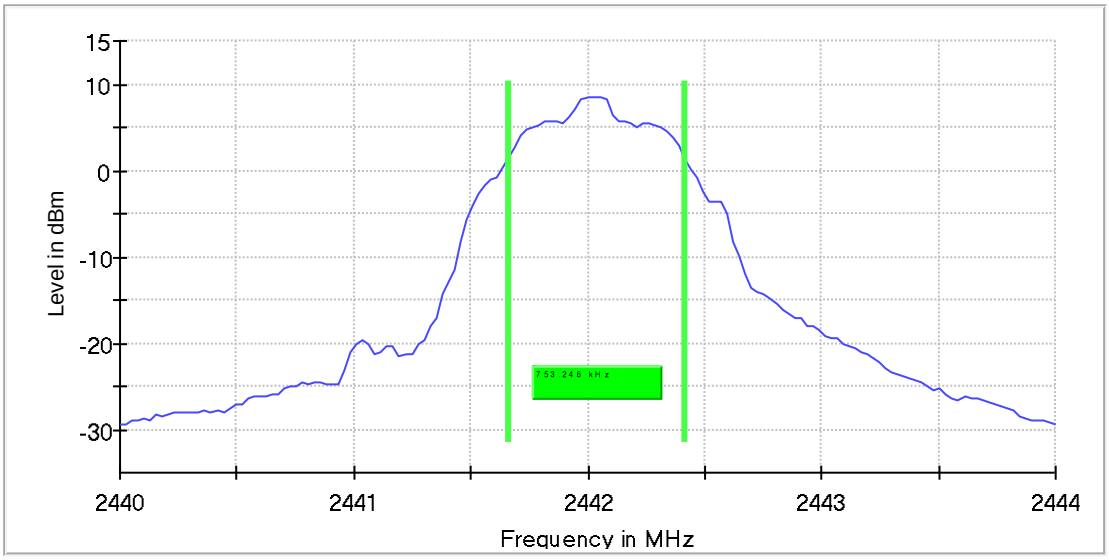
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v03r05 and ANSI C63.107

6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Max Level (dBm)
2442.000000	0.753246	0.500000	---	2441.662338	2442.415584	8.5

(continuation of the "6 dB Bandwidth" table from column 7 ...)

DUT Frequency (MHz)	Result
2442.000000	PASS



Bandwidth

Minimum Emission Bandwidth 6 dB (2480 MHz)

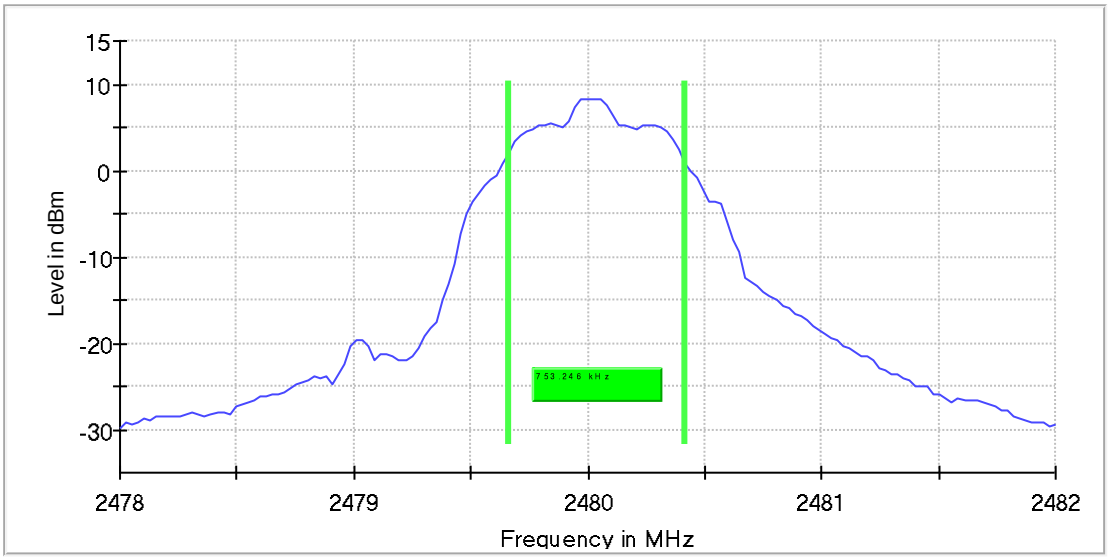
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v03r05 and ANSI C63.10

6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Max Level (dBm)
2480.000000	0.753246	0.500000	---	2479.662338	2480.415584	8.3

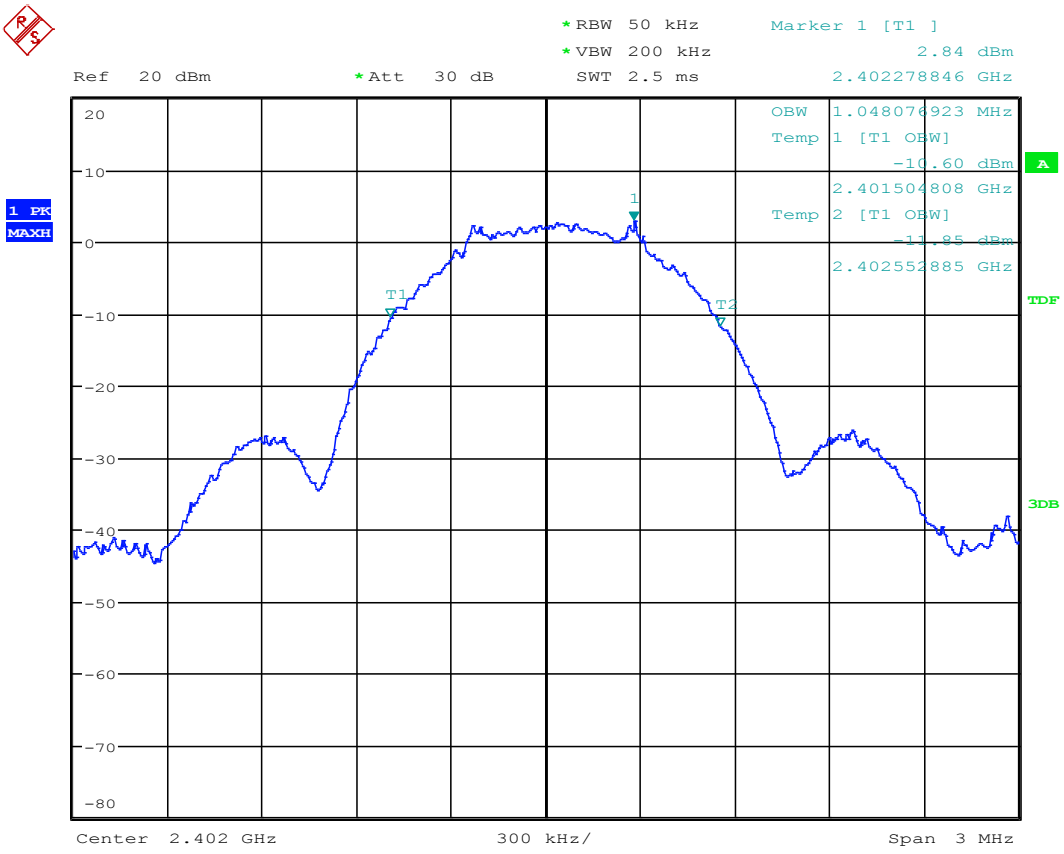
(continuation of the "6 dB Bandwidth" table from column 7 ...)

DUT Frequency (MHz)	Result
2480.000000	PASS



Bandwidth

1.5. 99% occupied channel bandwidth



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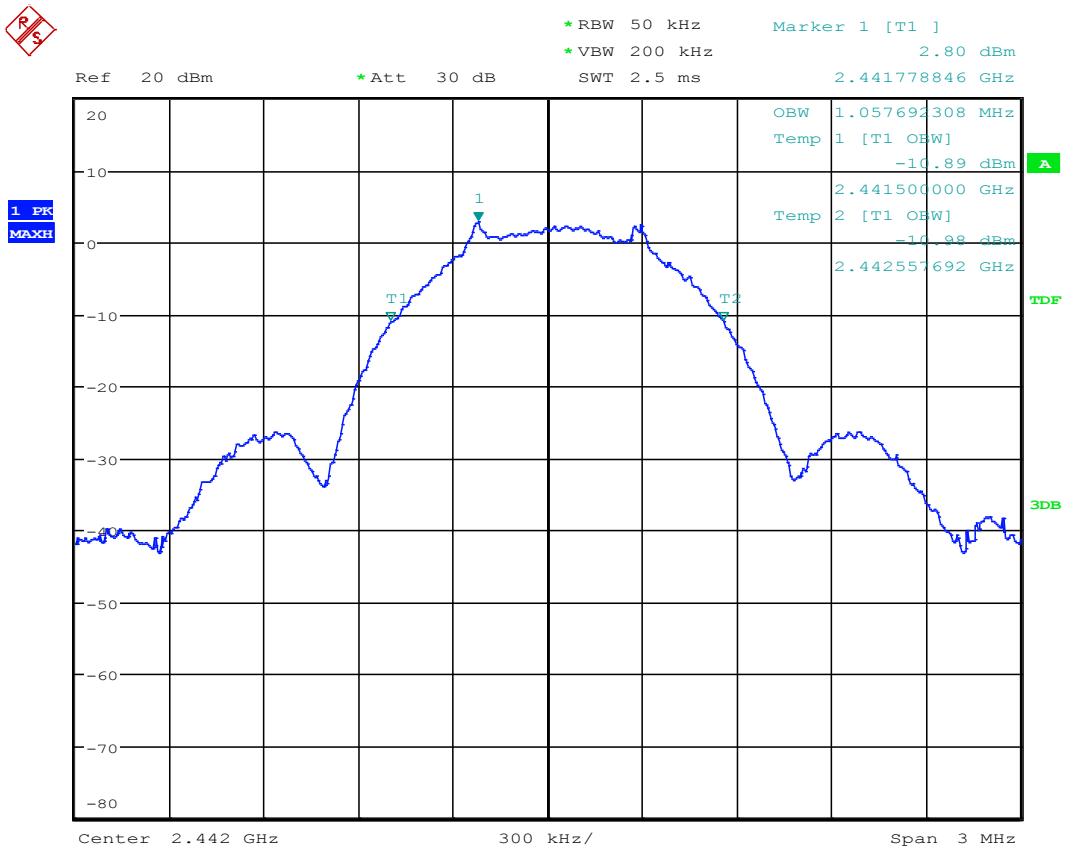
99%OBW_low_2402



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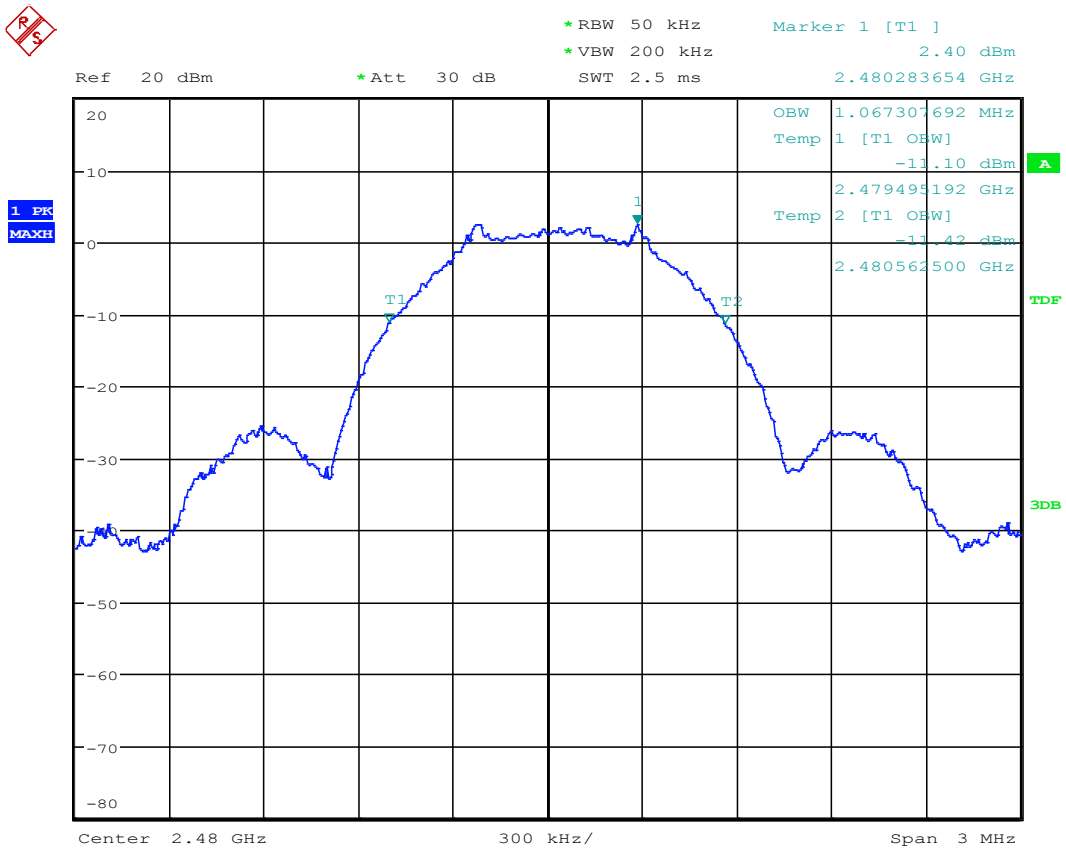
99%OBW_mid_2442



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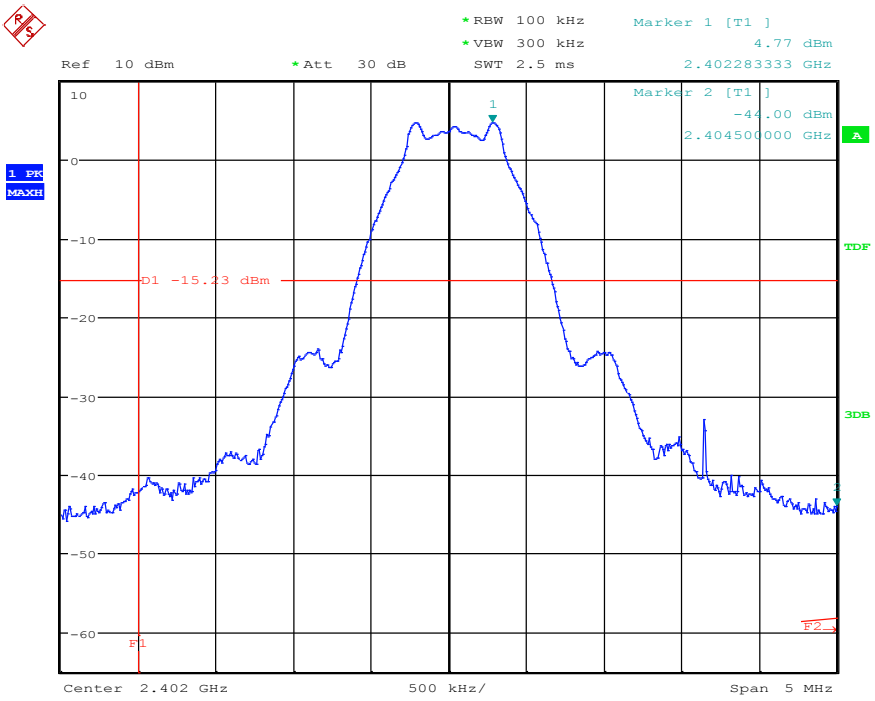
99%OBW_high_2480

1.6. 20dBc



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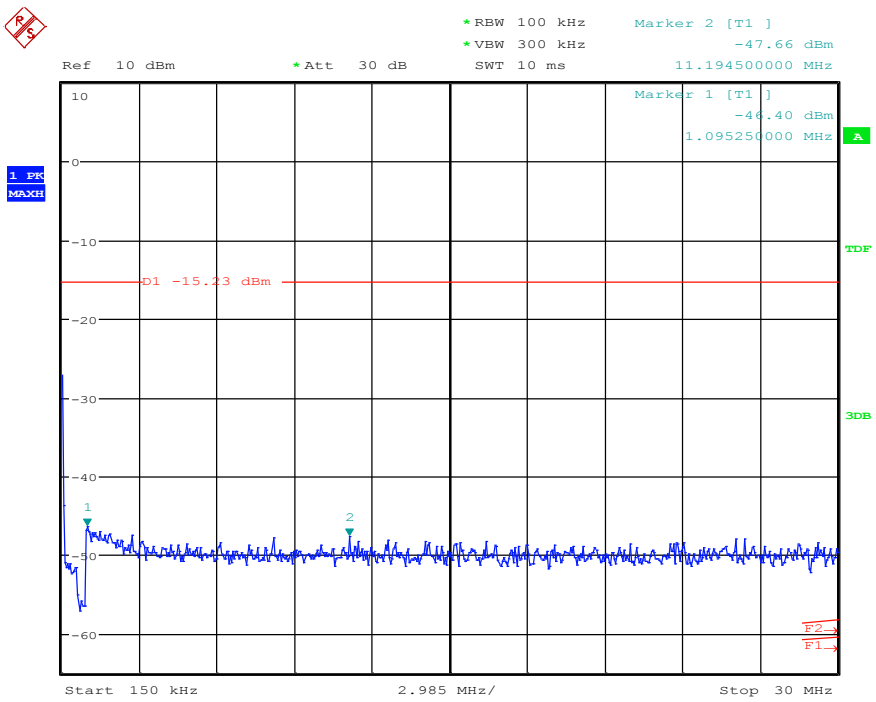
20dBc_ref_low_BT_LE



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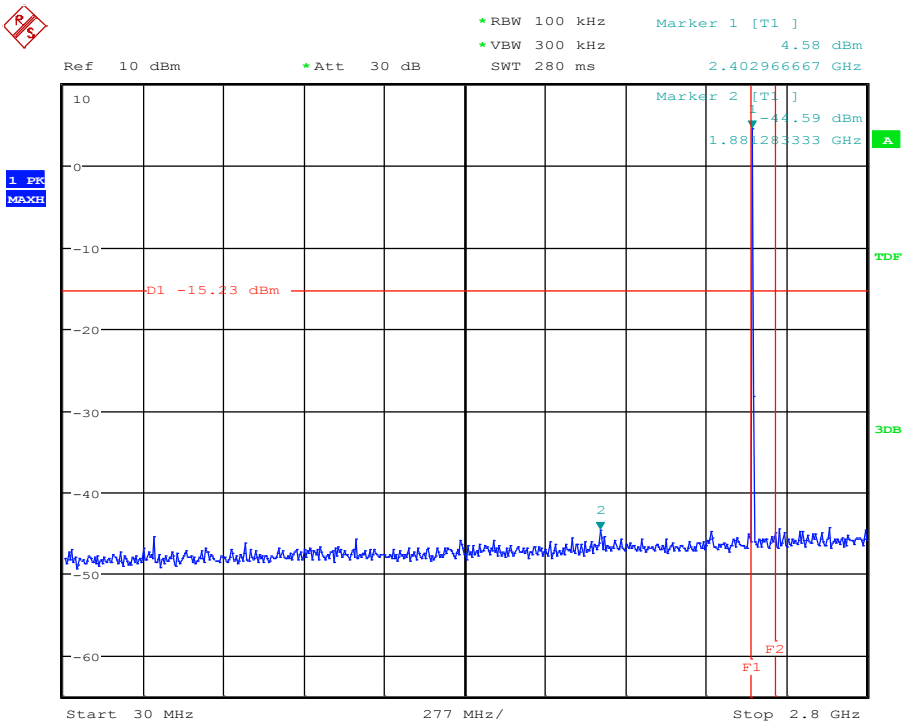
20dBc_150kHz-30MHz _low_BT_LE



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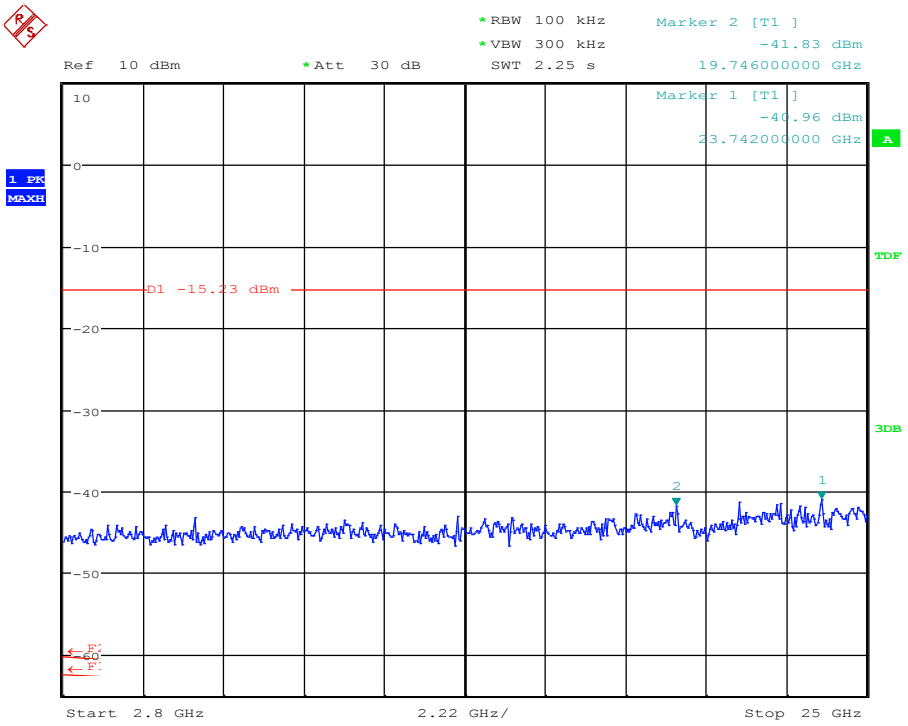
20dBc_30MHz-2.8GHz_low_BT_LE



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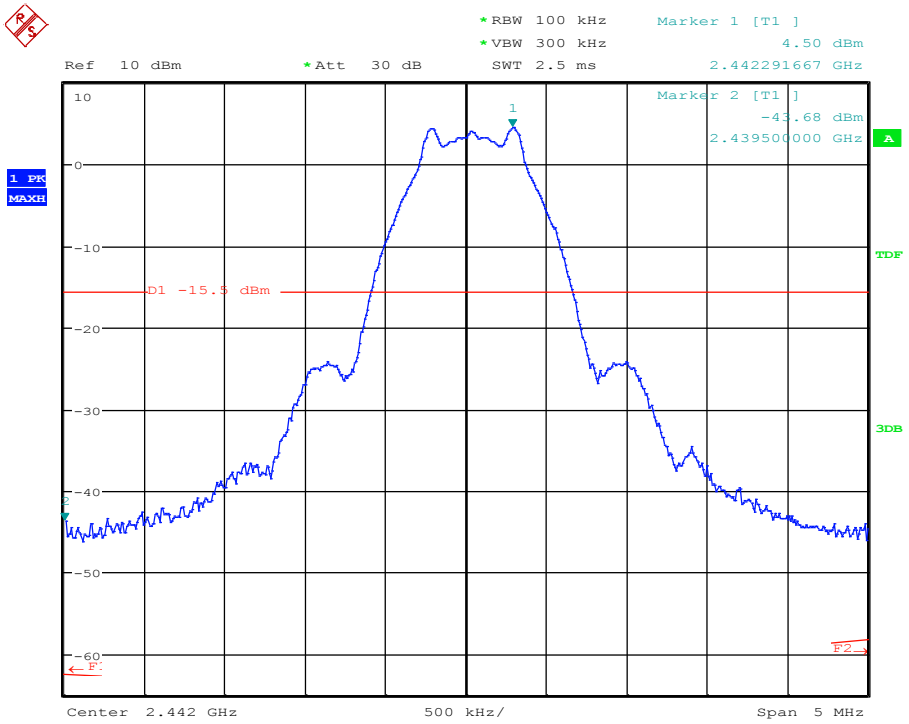
20dBc_2.8-25GHz_low_BT_LE



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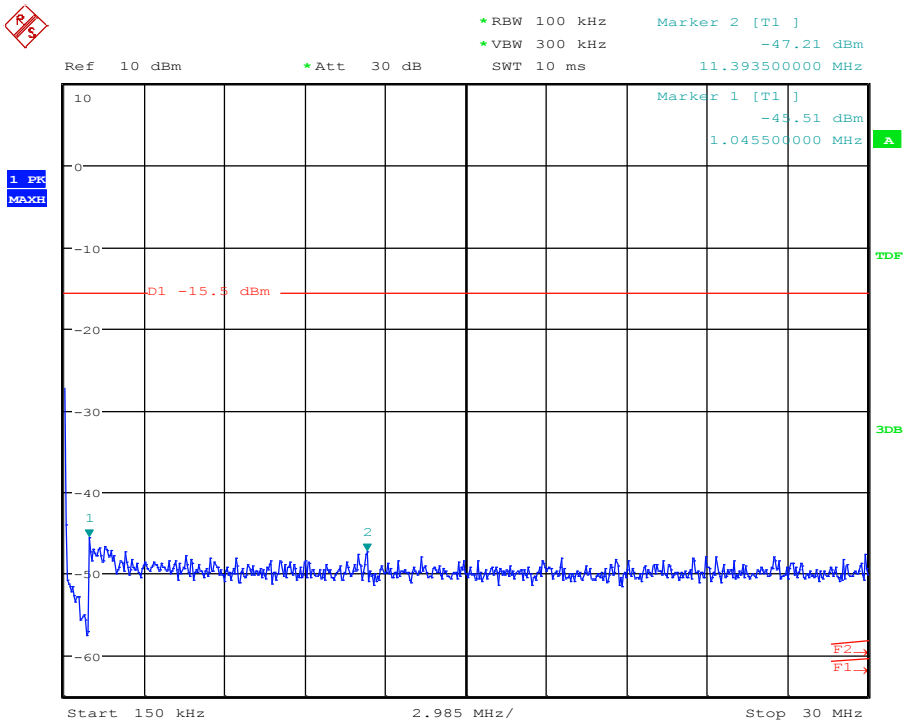
20dBc_ref_mid_BT_LE



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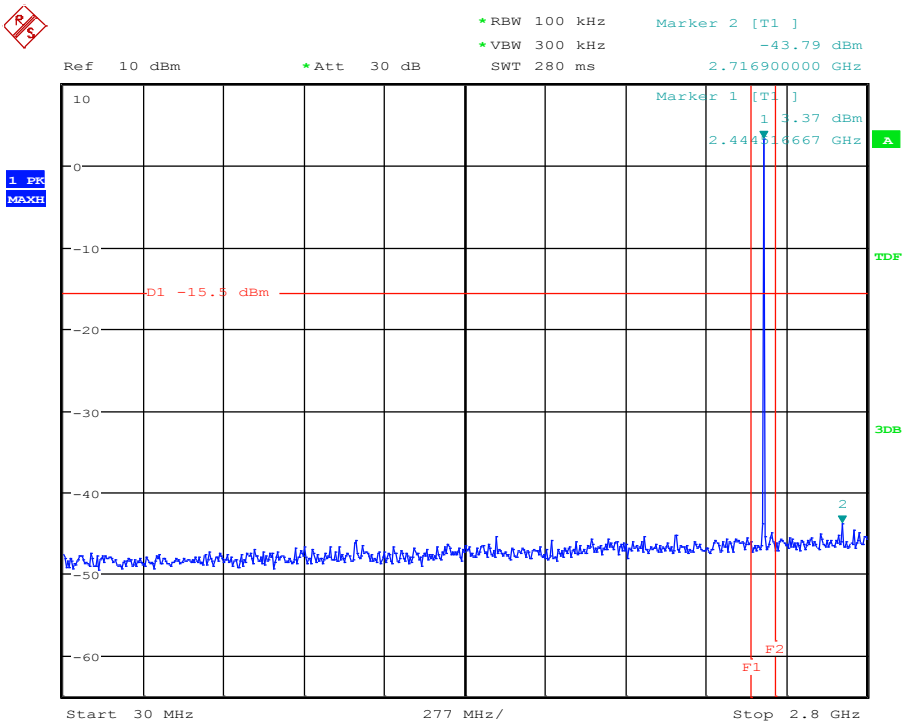
20dBc_150kHz-30MHz _mid_BT_LE



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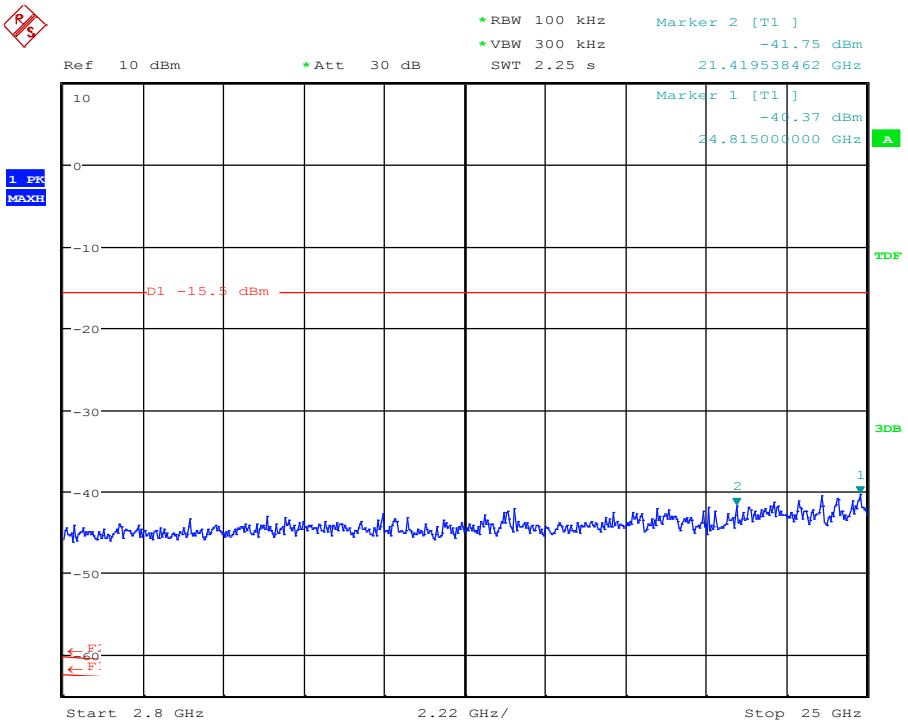
20dBc_30MHz-2.8GHz_mid_BT_LE



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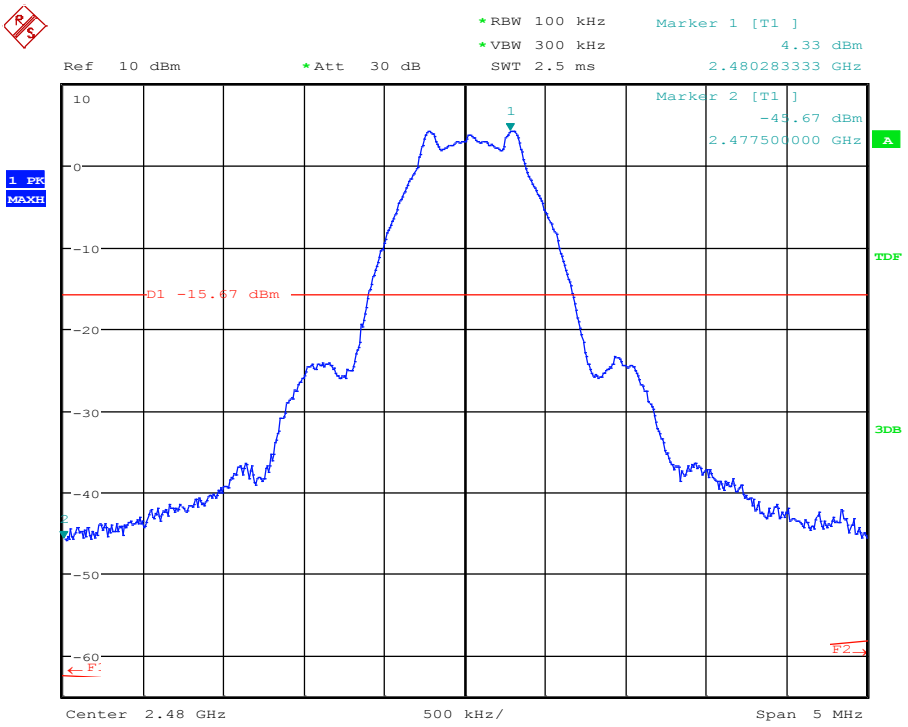
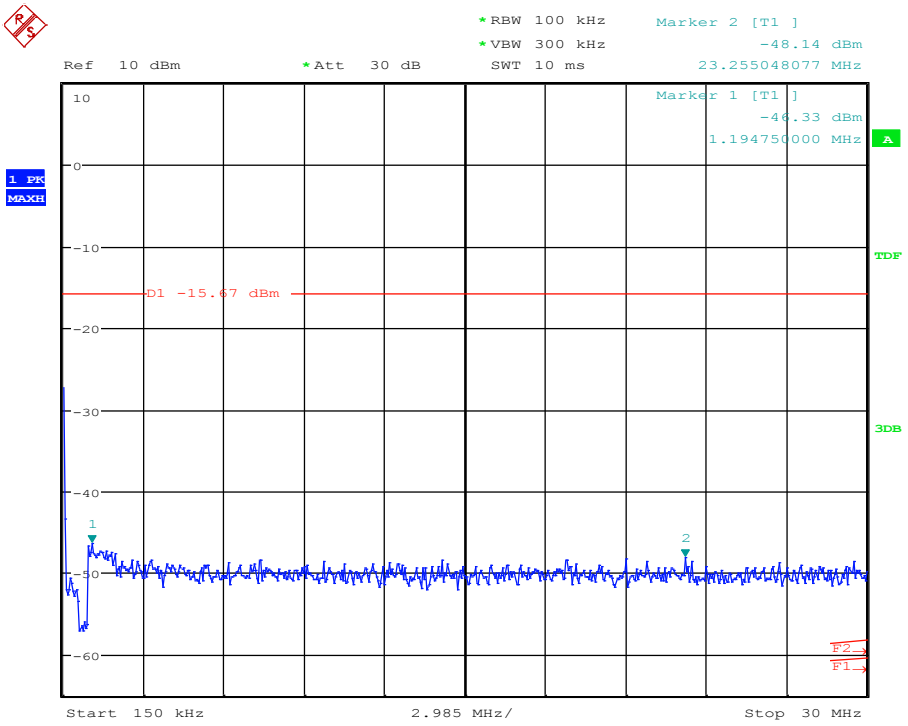
20dBc_2.8-25GHz_mid_BT_LE



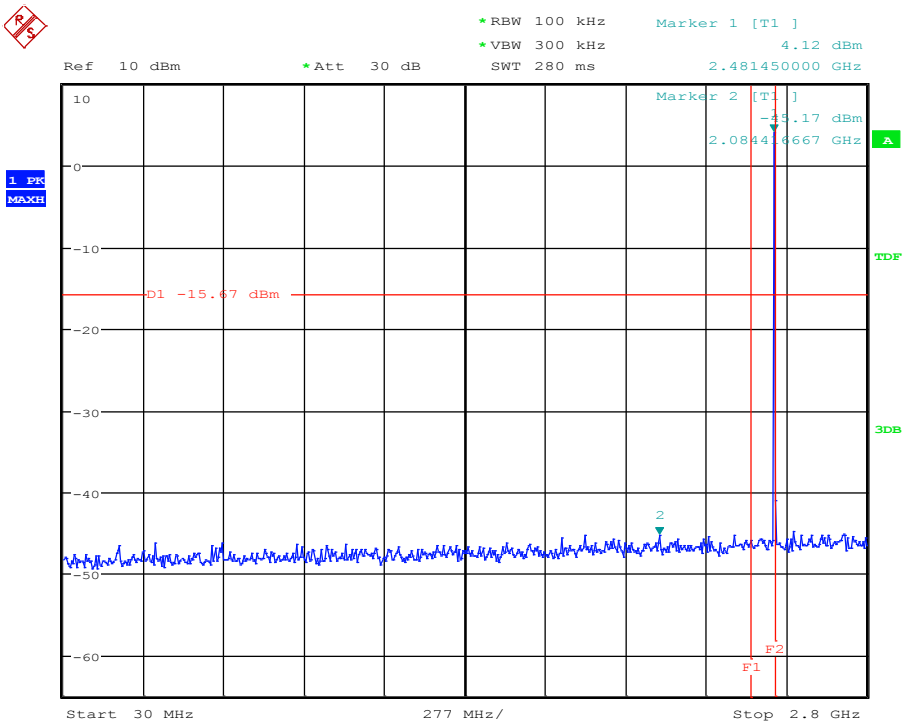
Date: 27.OCT.2017 17:00:45

20dBc_ref_high_BT_LE



Date: 27.OCT.2017 17:01:31

20dBc_150kHz-30MHz _high_BT_LE



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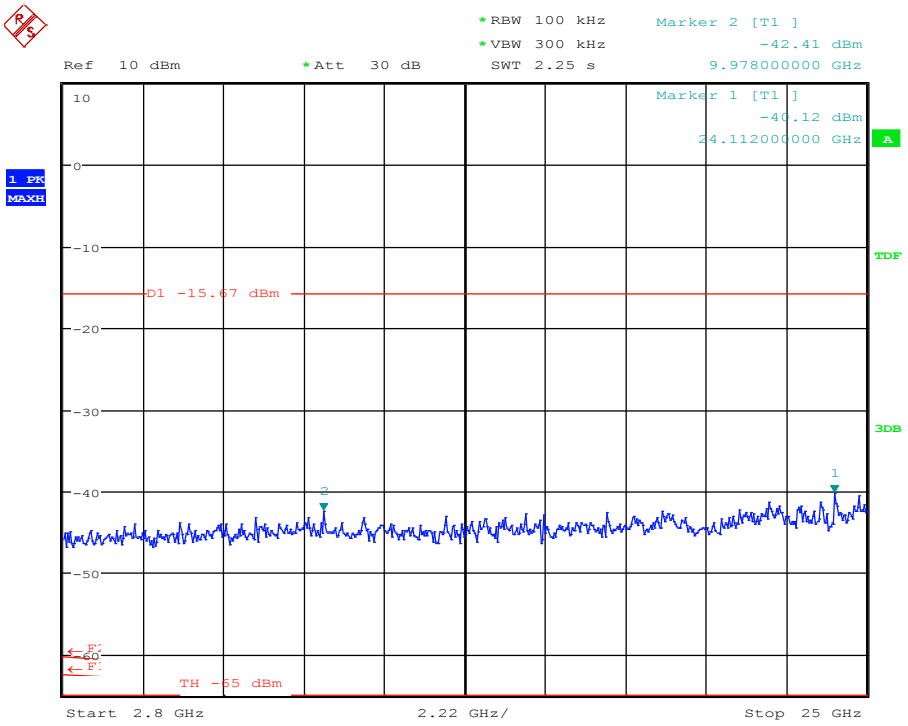
20dBc_30MHz-2.8GHz_high_BT_LE



Date: 27.OCT.2017 17:03:22

20dBc_2.8-25GHz_high_BT_LE

2. Radiated field strength measurements accord. §15.209&15.205

2.1. Magnetic field measurements f<30MHz

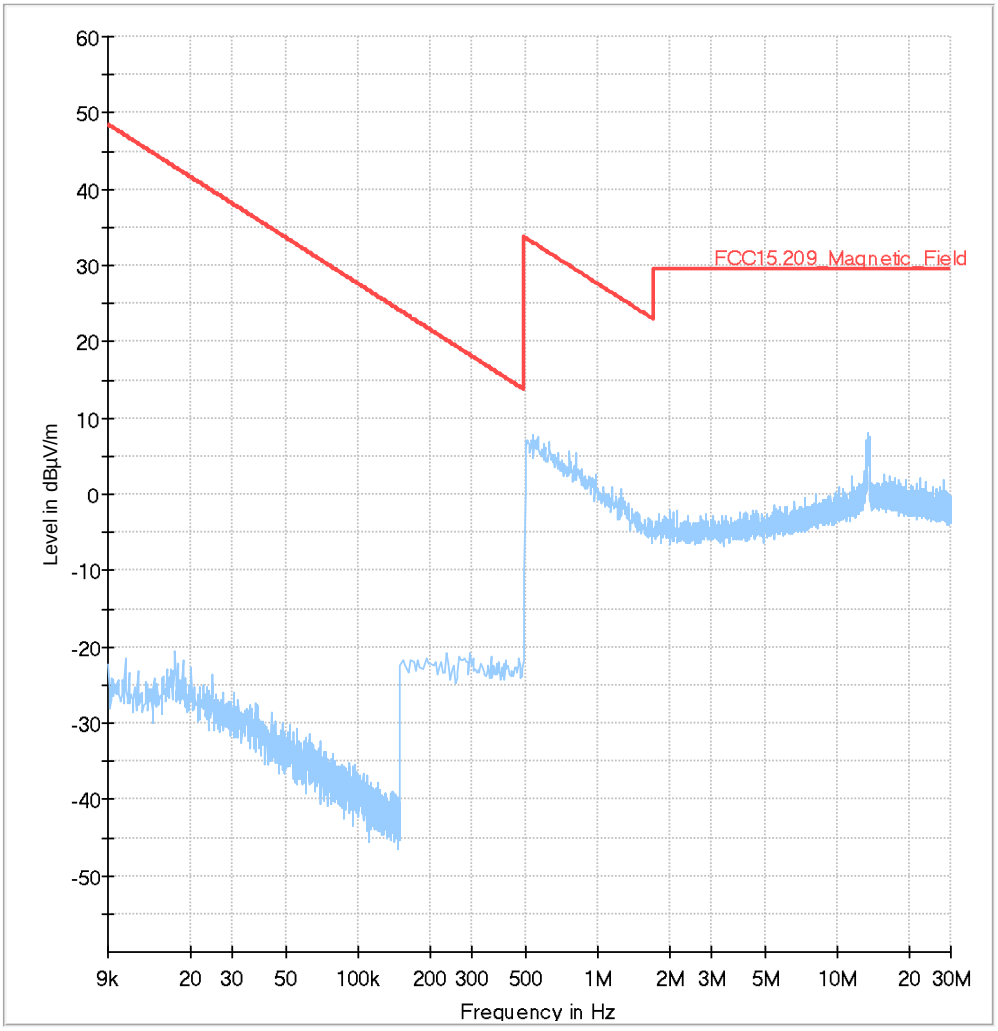
2.04_BT SOLUTION-BT-TX-LE Mode-GFSK-1 Mbps-Ch0-MAX

Common Information

Test Description:	Radiated field strength emissions 9kHz- 30 MHz
Operating Conditions:	Continuous TX-BT-LE Mode-GFSK-1 Mbps- Pattern Lenght37-Ch 0 (2402 MHz)-PWR MAX
Operator Name:	DLe
Comment:	

EUT Information

Manufacturer:	Husqvarna AB-
---	---
EUT:	BT Solution (lawn mower)II
EUT Model:	582 87 12
S/N:	172300024
HW version:	582 87 12
SW version:	37.2_BLE_Peripheral_release-10.5d
Test Software :	TifApp
Connected Interfaces:	Power Supplies + USB-Serial Cable
Power Supply:	3.3 V DC (for BT-LE Module) + 18 VDC (for Main PCB Board) using Laboratory Power Supplies



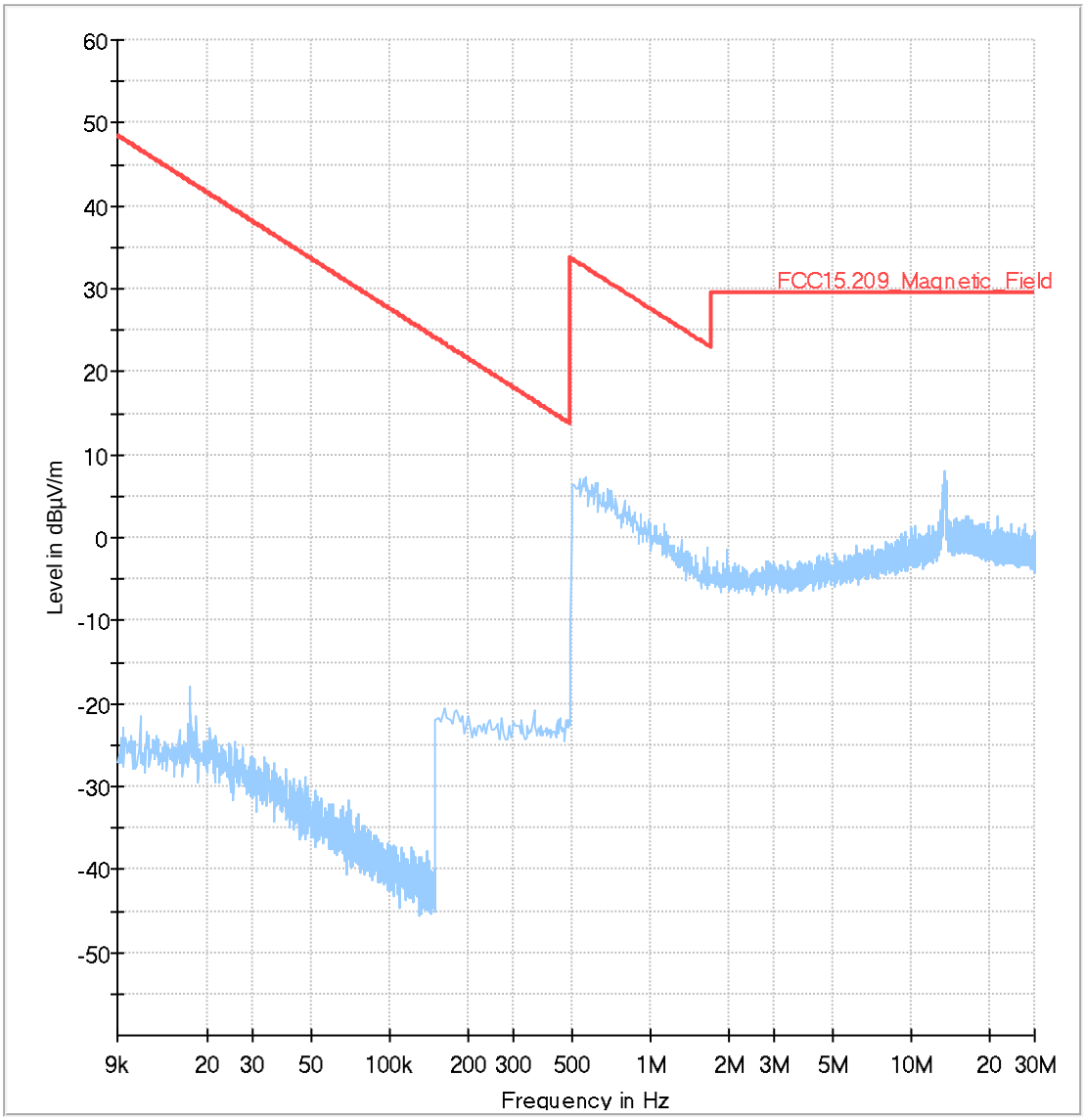
2.05_BT SOLUTION-BT-TX-LE Mode-GFSK-1 Mbps-Ch20-MAX

Common Information

Test Description:	Radiated field strength emissions 9kHz- 30 MHz
Operating Conditions:	Continuous TX-BT-LE Mode-GFSK-1 Mbps-Pattern Lenght37-Ch 20 (2442 MHz)-PWRMAX
Operator Name:	DLe
Comment:	

EUT Information

Manufacturer:	Husqvarna AB-
---	---
EUT:	BT Solution (lawn mower)II
EUT Model:	582 87 12
S/N:	172300024
HW version:	582 87 12
SW version:	37.2_BLE_Peripheral_release-10.5d
Test Software :	TifApp
Connected Interfaces:	Power Supplies + USB-Serial Cable
Power Supply:	3.3 V DC (for BT-LE Module) + 18 VDC (for Main PCB Board) using Laboratory Power Supplies



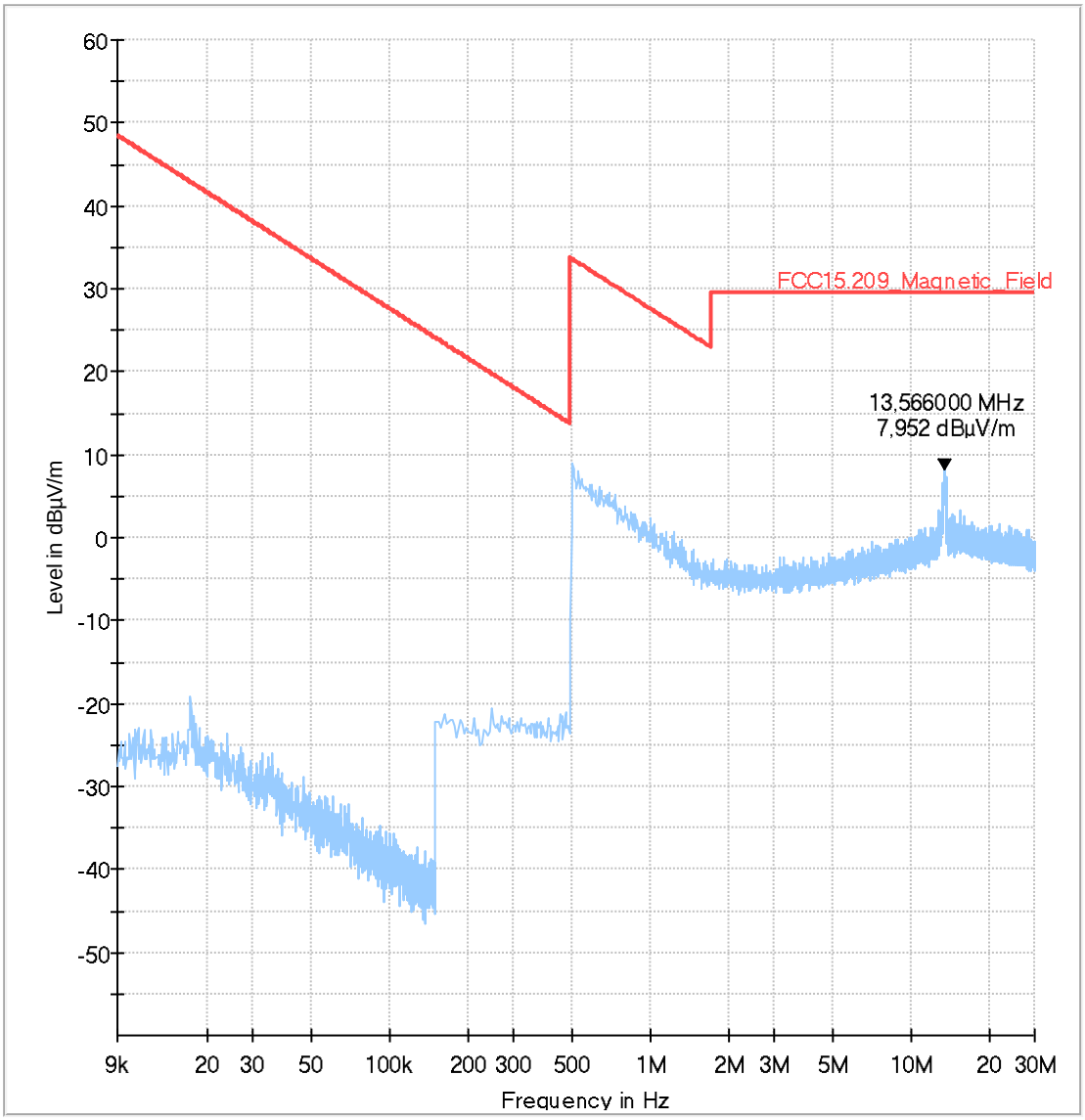
2.06_BT SOLUTION-BT-TX-LE Mode-GFSK-1 Mbps-Ch39-MAX

Common Information

Test Description:	Radiated field strength emissions 9kHz- 30 MHz
Operating Conditions:	Continuous TX-BT-LE Mode-GFSK-1 Mbps- Pattern Lenght37--Ch 39 (2480 MHz)- PWRMAX
Operator Name:	DLe
Comment:	

EUT Information

Manufacturer:	Husqvarna AB-
---	---
EUT:	BT Solution (lawn mower)II
EUT Model:	582 87 12
S/N:	172300024
HW version:	582 87 12
SW version:	37.2_BLE_Peripheral_release-10.5d
Test Software :	TifApp
Connected Interfaces:	Power Supplies + USB-Serial Cable
Power Supply:	3.3 V DC (for BT-LE Module) + 18 VDC (for Main PCB Board) using Laboratory Power Supplies



2.2. Field strength measurements 30MHz <f <1GHz

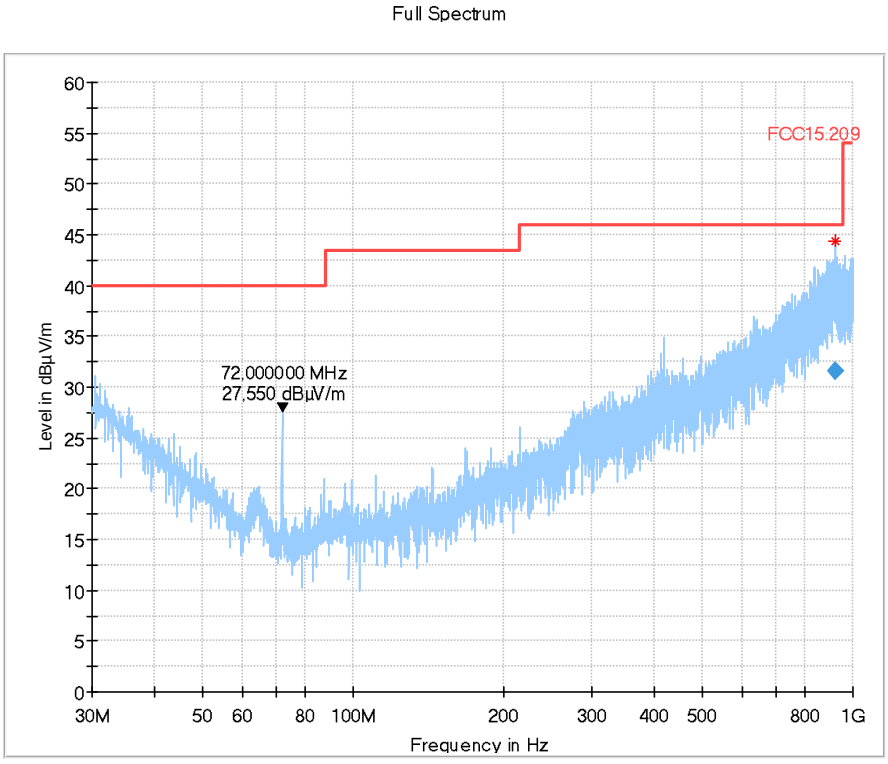
3.04_BT SOLUTION-BT-TX-LE Mode-GFSK-1 Mbps-Ch0-MAX

24.10.2017 Page 1 of 7

Test description:	Electric Field Strength Measurement
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC32 V9.25.0
Distance correction:	not used
Used filter:	not used
Technical Data:	please see page 2 for detailed data of measurement setup
Test specification.:	FCC 15.209; RSS-Gen: Issue 3
Operator:	TFr
Operating conditions:	Continuous TX-BT-LE Mode-GFSK-1 Mbps- Pattern Lenght37-Ch 0 (2402 MHz)-PWR MAX
Power during tests:	18V and 3.3V

EUT Information

Manufacturer:	Husqvarna AB-
---	---
EUT:	BT Solution (lawn mower)II
EUT Model:	582 87 12
S/N:	172300024
HW version:	582 87 12
SW version:	37.2_BLE_Peripheral_release-10.5d
Test Software :	TifApp
Connected Interfaces:	Power Supplies + USB-Serial Cable
Power Supply:	3.3 V DC (for BT-LE Module) + 18 VDC (for Main PCB Board) using Laboratory Power Supplies



Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
918.964000	31.54	46.00	14.46	1000.0	120.000	360.0	V	0.0	90.0	26.5

3.05_BT SOLUTION-BT-TX-LE Mode-GFSK-1 Mbps-Ch19-MAX

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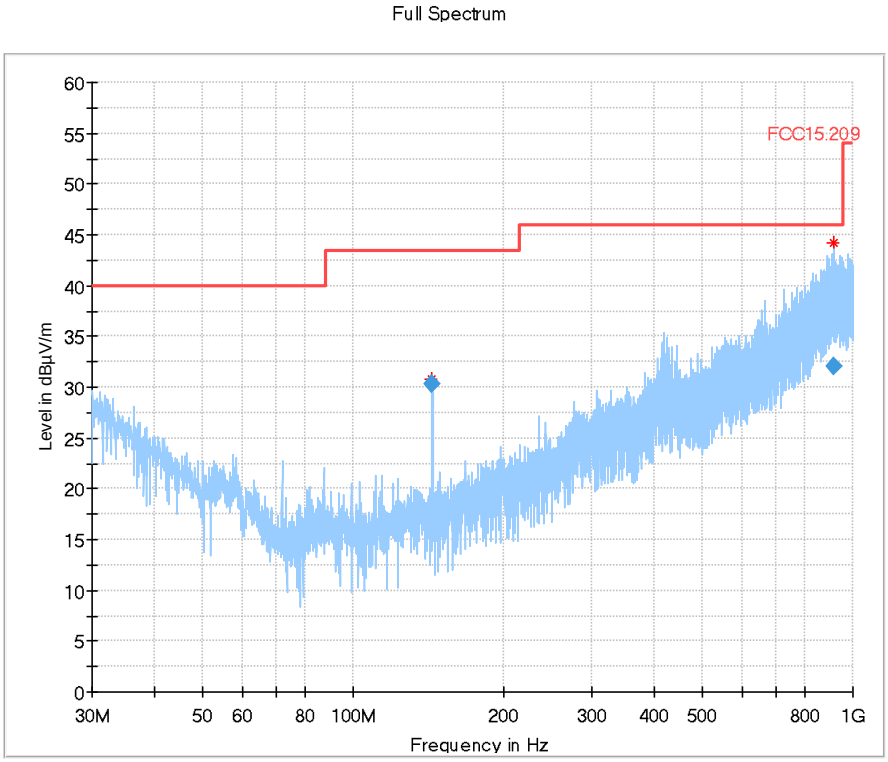
Test description:	Electric Field Strength Measurement
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC32 V9.25.0
Distance correction:	not used
Used filter:	not used
Technical Data:	please see page 2 for detailed data of measurement setup
Test specification.:	FCC 15.209; RSS-Gen: Issue 3
Operator:	DLe
Operating conditions:	Continuous TX-BT-LE Mode-GFSK-1 Mbps-Pattern Lenght37-Ch 19 (2440 MHz)-PWRMAX
Power during tests:	18V and 3.3V

EUT Information

Manufacturer:	Husqvarna AB-
---	---
EUT:	BT Solution (lawn mower)II
EUT Model:	582 87 12
S/N:	172300024
HW version:	582 87 12
SW version:	37.2_BLE_Peripheral_release-10.5d
Test Software :	TifApp
Connected Interfaces:	Power Supplies + USB-Serial Cable
Power Supply:	3.3 V DC (for BT-LE Module) + 18 VDC (for Main PCB Board) using Laboratory Power Supplies



Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
144.004000	30.39	43.50	13.11	1000.0	120.000	105.0	V	219.0	90.0	8.6
916.488000	32.03	46.00	13.97	1000.0	120.000	344.0	V	127.0	90.0	26.7

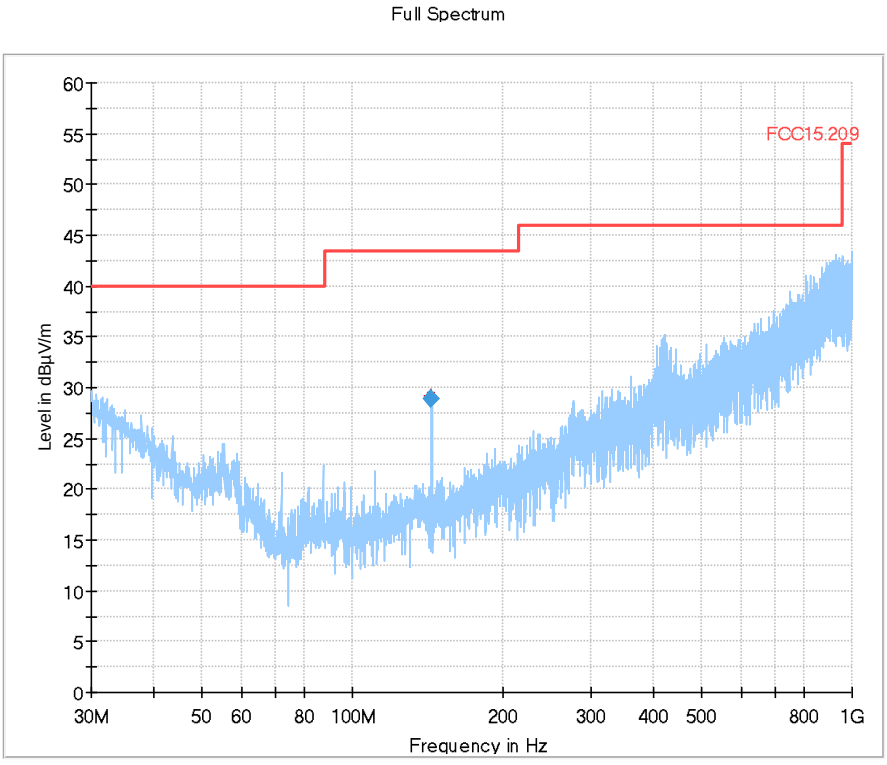
3.06_BT SOLUTION-BT-TX-LE Mode-GFSK-1 Mbps-Ch39-MAX

25.10.2017 Page 1 of 4

Test description:	Electric Field Strength Measurement
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC32 V9.25.0
Distance correction:	not used
Used filter:	not used
Technical Data:	please see page 2 for detailed data of measurement setup
Test specification.:	FCC 15.209; RSS-Gen: Issue 3
Operator:	DLe
Operating conditions:	Continuous TX-BT-LE Mode-GFSK-1 Mbps- Pattern Lenght37--Ch 39 (2480 MHz)- PWRMAX
Power during tests:	18V and 3.3V

EUT Information

Manufacturer:	Husqvarna AB-
---	---
EUT:	BT Solution (lawn mower)II
EUT Model:	582 87 12
S/N:	172300024
HW version:	582 87 12
SW version:	37.2_BLE_Peripheral_release-10.5d
Test Software :	TifApp
Connected Interfaces:	Power Supplies + USB-Serial Cable
Power Supply:	3.3 V DC (for BT-LE Module) + 18 VDC (for Main PCB Board) using Laboratory Power Supplies



Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
144.004000	28.84	43.50	14.66	1000.0	120.000	105.0	V	227.0	0.0	8.6

2.3. Field strength measurements 1GHz < f < 18GHz

4.04_BT SOLUTION-BT-TX-LE Mode-GFSK-1 Mbps-Ch0-MAX

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 4
Antenna polarisation:	horizontal/vertical
Operation mode:	Continuous TX-BT-LE Mode-GFSK-1 Mbps- Pattern Lenght37-Ch 0 (2402 MHz)-PWR MAX
Operator Name:	SLO

EUT Information

Manufacturer:	Husqvarna AB-
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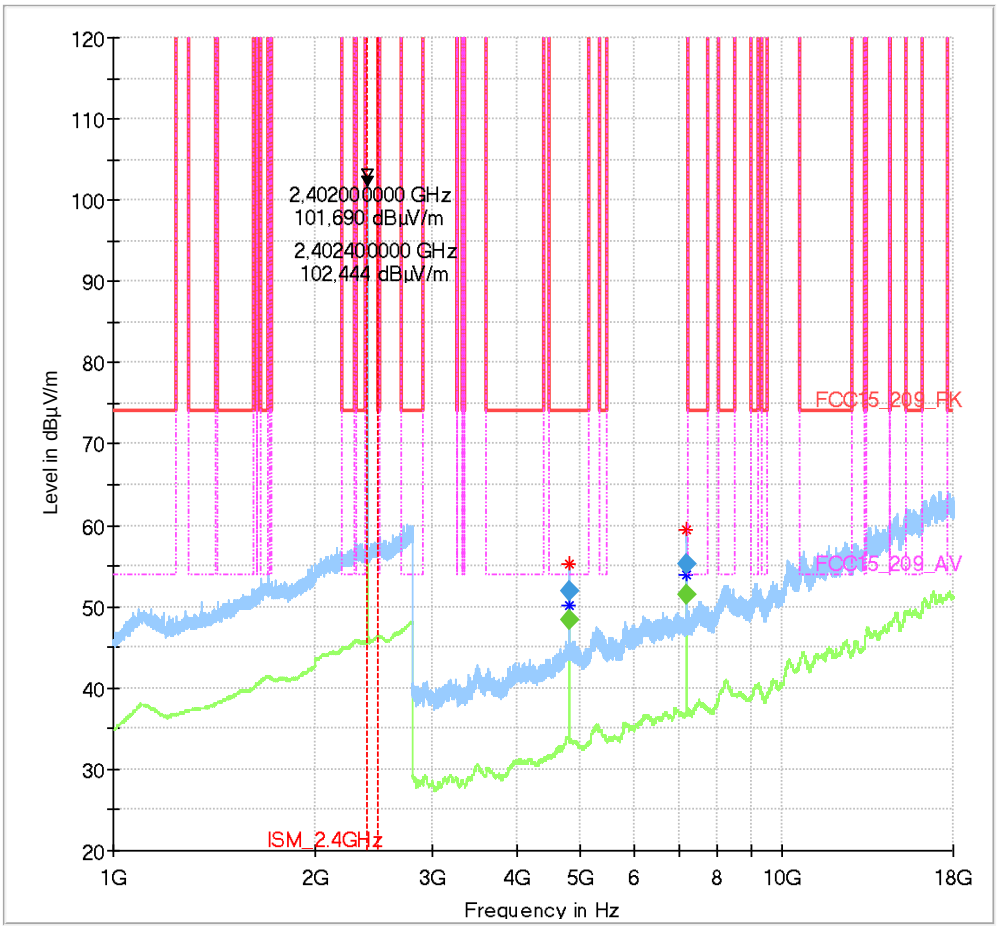
EUT:	BT Solution (lawn mower)II
EUT Model:	582 87 12
S/N:	172300024
HW version:	582 87 12
SW version:	37.2_BLE_Peripheral_release-10.5d
Test Software :	TifApp
Connected Interfaces:	Power Supplies + USB-Serial Cable
Power Supply:	3.3 V DC (for BT-LE Module) + 18 VDC (for Main PCB Board) using Laboratory Power Supplies



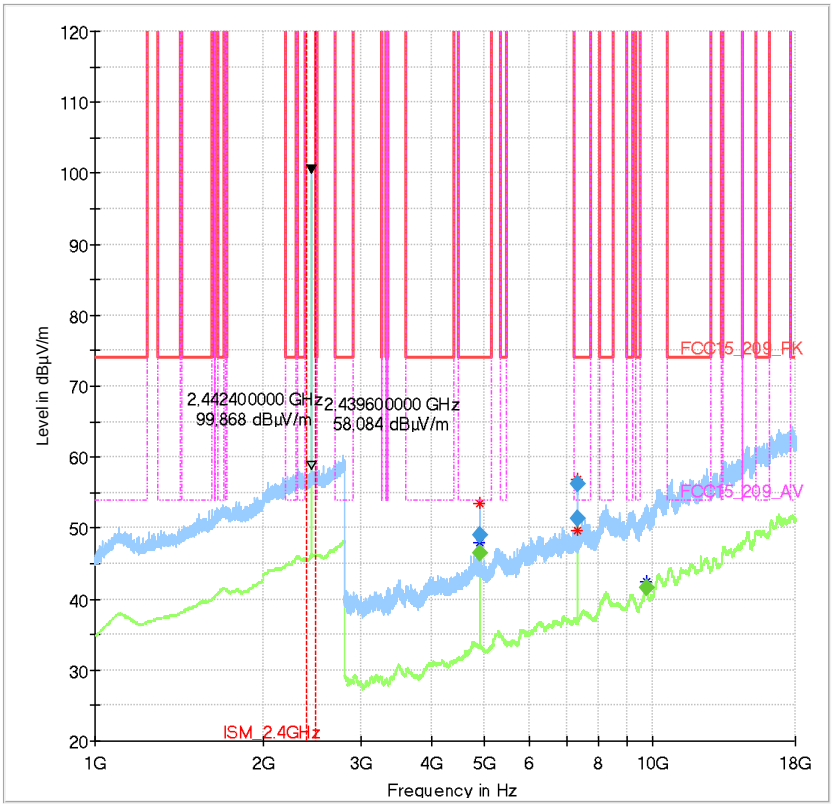
4.05_BT SOLUTION-BT-TX-LE Mode-GFSK-1 Mbps-Ch19-MAX

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 4
Antenna polarisation:	horizontal/vertical
Operation mode:	Continuous TX-BT-LE Mode-GFSK-1 Mbps-Pattern Lenght37-Ch 19 (2442 MHz)-PWRMAX
Operator Name:	SLO

EUT Information

Manufacturer:	Husqvarna AB-
---	---
EUT:	BT Solution (lawn mower)II
EUT Model:	582 87 12
S/N:	172300024
HW version:	582 87 12
SW version:	37.2_BLE_Peripheral_release-10.5d
Test Software :	TifApp
Connected Interfaces:	Power Supplies + USB-Serial Cable
Power Supply:	3.3 V DC (for BT-LE Module) + 18 VDC (for Main PCB Board) using Laboratory Power Supplies



Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)
4883.600000	49.11	---	74.00	24.89	100.0	1000.000	155.0	V	318.0	0.0
4884.400000	---	46.39	54.00	7.61	100.0	1000.000	155.0	V	315.0	90.0
7326.800000	56.15	---	74.00	17.85	100.0	1000.000	155.0	V	334.0	90.0
7327.600000	51.32	---	74.00	22.68	100.0	1000.000	155.0	V	312.0	90.0
9767.600000	---	41.61	150.00	108.39	100.0	1000.000	155.0	V	3.0	90.0

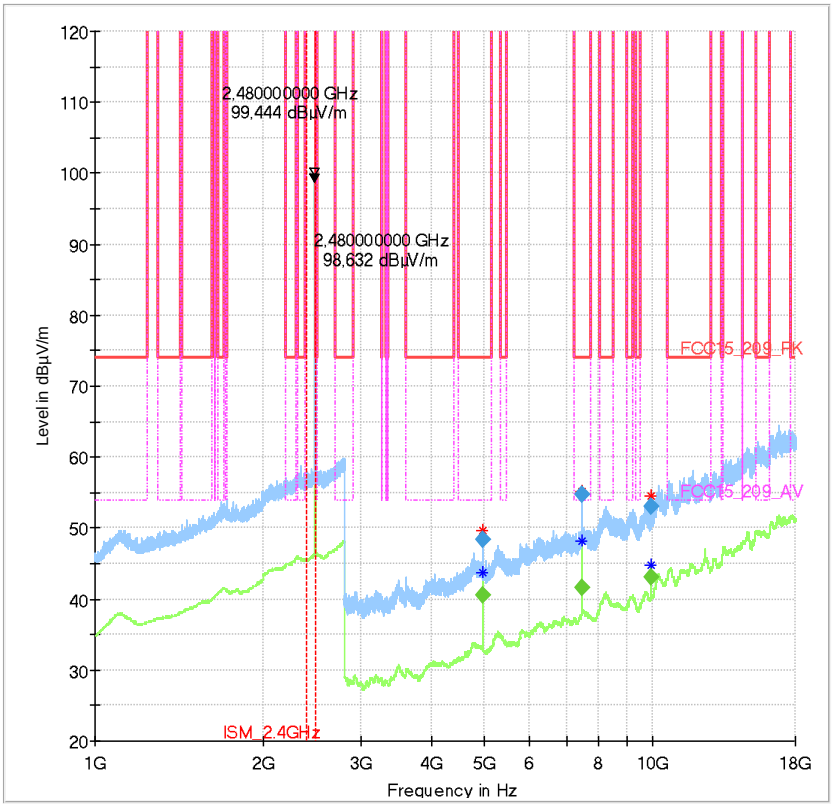
4.06_BT SOLUTION-BT-TX-LE Mode-GFSK-1 Mbps-Ch39-MAX

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 4
Antenna polarisation:	horizontal/vertical
Operation mode:	Continuous TX-BT-LE Mode-GFSK-1 Mbps- Pattern Lenght37--Ch 39 (2480 MHz)- PWRMAX
Operator Name:	RIs
Comment:	Channel no. /high

EUT Information

Manufacturer:	Husqvarna AB-
---	---
EUT:	BT Solution (lawn mower)II
EUT Model:	582 87 12
S/N:	172300024
HW version:	582 87 12
SW version:	37.2_BLE_Peripheral_release-10.5d
Test Software :	TifApp
Connected Interfaces:	Power Supplies + USB-Serial Cable
Power Supply:	3.3 V DC (for BT-LE Module) + 18 VDC (for Main PCB Board) using Laboratory Power Supplies



Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)
4959.600000	48.36	---	74.00	25.64	100.0	1000.000	155.0	H	313.0	0.0
4960.400000	---	40.46	54.00	13.54	100.0	1000.000	155.0	H	313.0	90.0
7440.800000	---	41.71	54.00	12.29	100.0	1000.000	155.0	H	310.0	90.0
7440.800000	54.70	---	74.00	19.30	100.0	1000.000	155.0	H	272.0	0.0
9920.800000	53.00	---	150.00	97.00	100.0	1000.000	155.0	H	50.0	90.0
9921.200000	---	43.01	150.00	106.99	100.0	1000.000	155.0	H	47.0	90.0

2.4. Field strength measurements f > 18GHz

4.04b_BT-LE_CH0_2402MHz

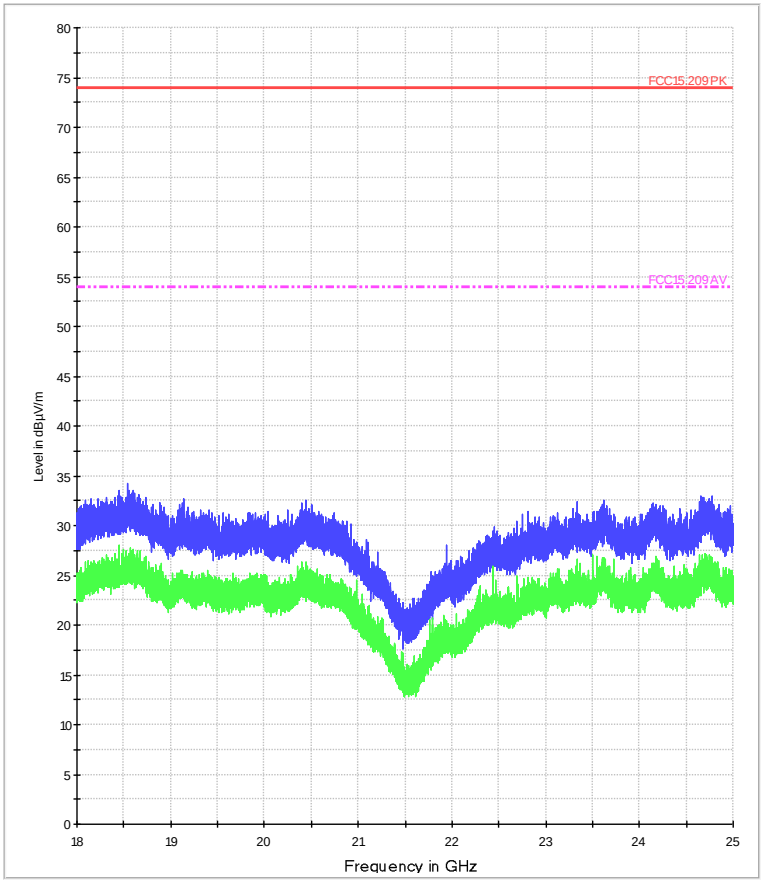
Common Information

Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247, 15.205&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Distance correction factor	3 to 1m: -10.5 dB applying to measurement results
SW-Version:	EMC32 V8.53.0
Operation mode:	TX mode continuous
Operator Name:	TFr
Comment:	Channel no. low | SN-No. 171900029 | Model : 582 87 12 01F

EUT Information

Manufacturer:	Husqvarna AB-
---	---
EUT:	BT Solution (lawn mower)II
EUT Model:	582 87 12
S/N:	172300024
HW version:	582 87 12
SW version:	37.2_BLE_Peripheral_release-10.5d
Test Software :	TifApp
Connected Interfaces:	Power Supplies + USB-Serial Cable
Power Supply:	3.3 V DC (for BT-LE Module) + 18 VDC (for Main PCB Board) using Laboratory Power Supplies

FCC_Sweep_15.407_18_40GHz_Pre



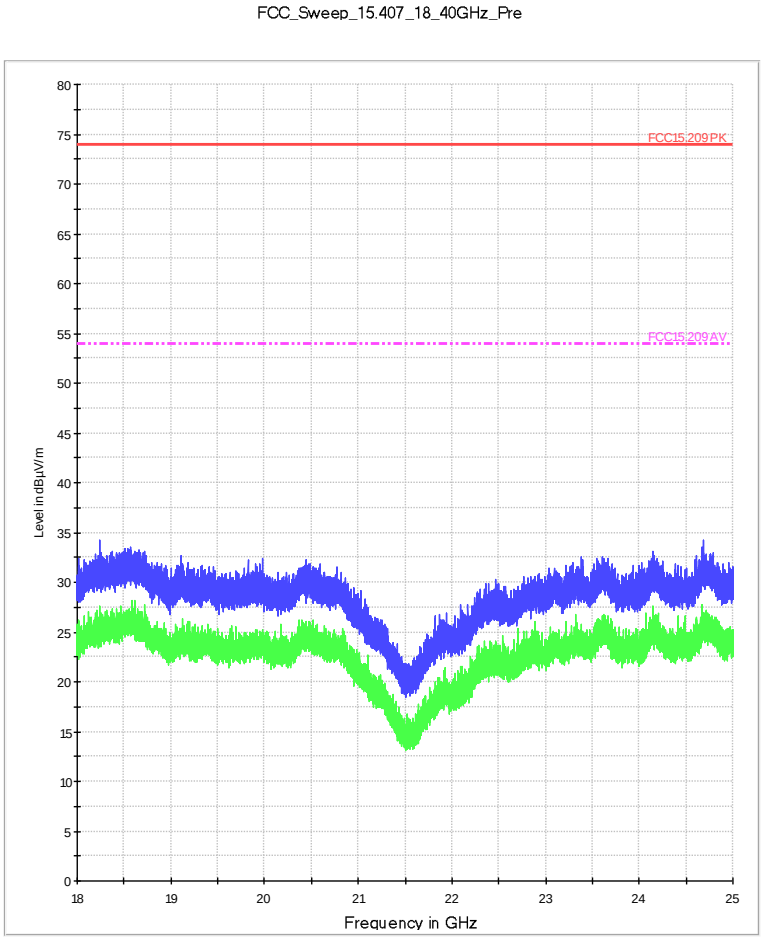
4.05b_BT-LE_CH19_2440MHz_b_582

Common Information

Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247, 15.205&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Distance correction factor	3 to 1m: -10.5 dB applying to measurement results
SW-Version:	EMC32 V8.53.0
Operation mode:	TX mode continuous
Operator Name:	TFr
Comment:	Channel no. mid | SN-No. 171900029 | Model : 582 87 12 01F

EUT Information

Manufacturer:	Husqvarna AB-
---	---
EUT:	BT Solution (lawn mower)II
EUT Model:	582 87 12
S/N:	172300024
HW version:	582 87 12
SW version:	37.2_BLE_Peripheral_release-10.5d
Test Software :	TifApp
Connected Interfaces:	Power Supplies + USB-Serial Cable
Power Supply:	3.3 V DC (for BT-LE Module) + 18 VDC (for Main PCB Board) using Laboratory Power Supplies



4.06b_BT-LE_CH39_2480MHz

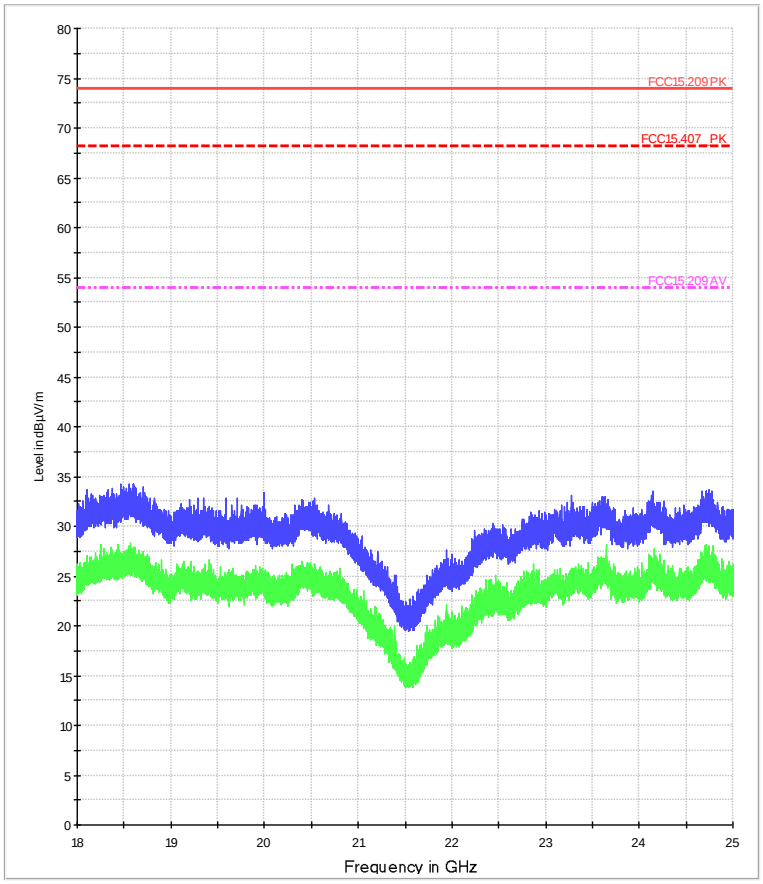
Common Information

Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247, 15.205&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Distance correction factor	3 to 1m: -10.5 dB applying to measurement results
SW-Version:	EMC32 V8.53.0
Operation mode:	TX mode continuous
Operator Name:	TFr
Comment:	Channel no. high | SN-No. 171900029 | Model: 582 87 12 01F

EUT Information

Manufacturer:	Husqvarna AB-
---	---
EUT:	BT Solution (lawn mower)II
EUT Model:	582 87 12
S/N:	172300024
HW version:	582 87 12
SW version:	37.2_BLE_Peripheral_release-10.5d
Test Software :	TifApp
Connected Interfaces:	Power Supplies + USB-Serial Cable
Power Supply:	3.3 V DC (for BT-LE Module) + 18 VDC (for Main PCB Board) using Laboratory Power Supplies

FCC_Sweep_15.407_18_40GHz_Pre



3. Radiated band-edge measurements accord. §15.209 & §15.205 (§15.247)

3.1. Channel 37 (left band edge)

9.03b_BE-Low- BT SOLUTION-BT-TX--LE Mode-GFSK-1 Mbps-Ch0-

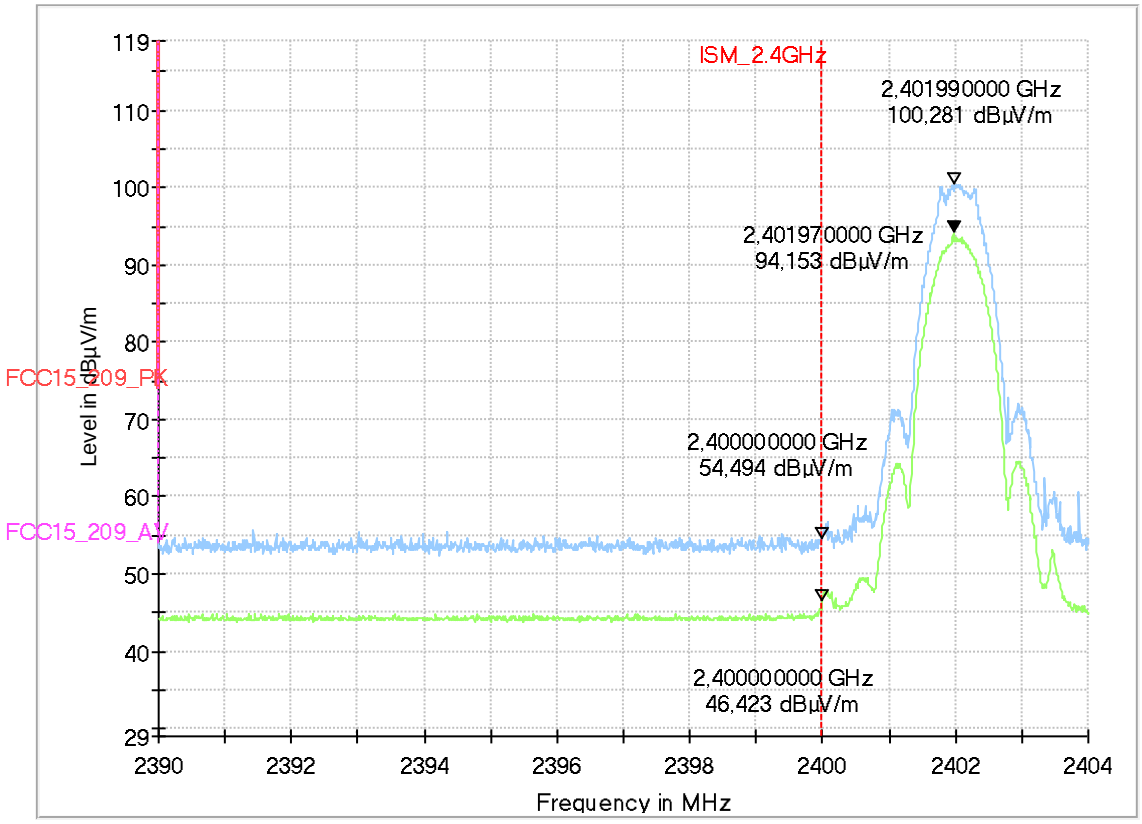
Common Information

Test Description:	Band-Edge: Radiated Field Strength Emissions Emissions in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 4
Antenna polarisation:	horizontal/vertical
Operation mode:	Continuous TX-BT-LE Mode-GFSK-1 Mbps-Pattern Lenght37-Ch 0 (2402 MHz)-
Operator Name:	HEI
Comment:	Channel no. low

EUT Information

Manufacturer:	Husqvarna AB-
---	---
EUT:	BT Solution (lawn mower)II
EUT Model:	582 87 12
S/N:	172300024
HW version:	582 87 12
SW version:	37.2_BLE_Peripheral_release-10.5d
Test Software :	TifApp
Connected Interfaces:	Power Supplies + USB-Serial Cable
Power Supply:	3.3 V DC (for BT-LE Module) + 18 VDC (for Main PCB Board) using Laboratory Power Supplies

Full Spectrum



3.2. Channel 39 (right band edge)

9.04_BE-High- BT SOLUTION-BT-TX- LE Mode-GFSK-1 Mbps-Ch39-MAX

Common Information

Test Description:	Band-Edge: Radiated Field Strength Emissions Emissions in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 4
Antenna polarisation:	horizontal/vertical
Operation mode:	Continuous TX-BT-LE Mode-GFSK-1 Mbps- Pattern Lenght37--Ch 39 (2480 MHz)- PWRMAX
Operator Name:	RIs
Comment:	

EUT Information

Manufacturer:	Husqvarna AB-
---	---
EUT:	BT Solution (lawn mower)II
EUT Model:	582 87 12
S/N:	172300024
HW version:	582 87 12
SW version:	37.2_BLE_Peripheral_release-10.5d
Test Software :	TifApp
Connected Interfaces:	Power Supplies + USB-Serial Cable
Power Supply:	3.3 V DC (for BT-LE Module) + 18 VDC (for Main PCB Board) using Laboratory Power Supplies