

Annex 1: Measurement diagrams 21-1-0143601T01a-A1-C1

Number of pages:	70	Date of Report:	2022-Jan-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:	Husqvarna AB
Product:	Robotic Mower BT		
Model:	Application Board Type 2		
FCC ID:	ZASHQ-BLE-1F	IC:	23307-HQBLE1F
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".method and limit".		

Table of Contents

1	Measurement diagrams.....	3
1.1	Radiated measurements.....	3
1.2	Conducted measurements	345

1 Measurement diagrams

1.1 Radiated measurements

2.01a_BLE_low_standing

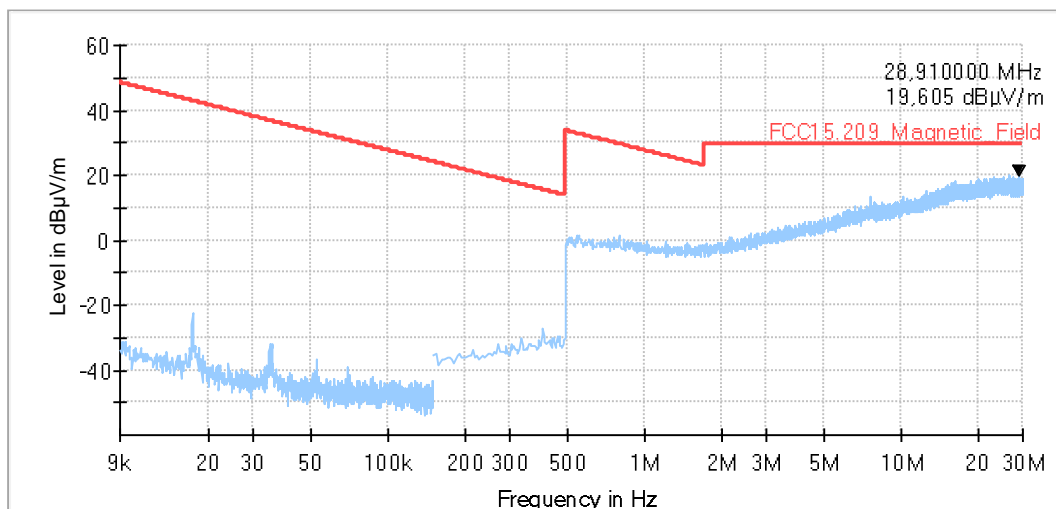
Common Information

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:	LKnopp/PMa
Operating Mode:	1
Power during tests:	42 V DC
Comment 1:	Channel low
Environmental Conditions:	Humidity: 61 % rH; Temperature: 21 °C
EUT Setup:	1
Verdict:	Passed

EUT Information

PMT number:	21-1-01436S02_C01
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Full Spectrum



2.01b_BLE_low_laying

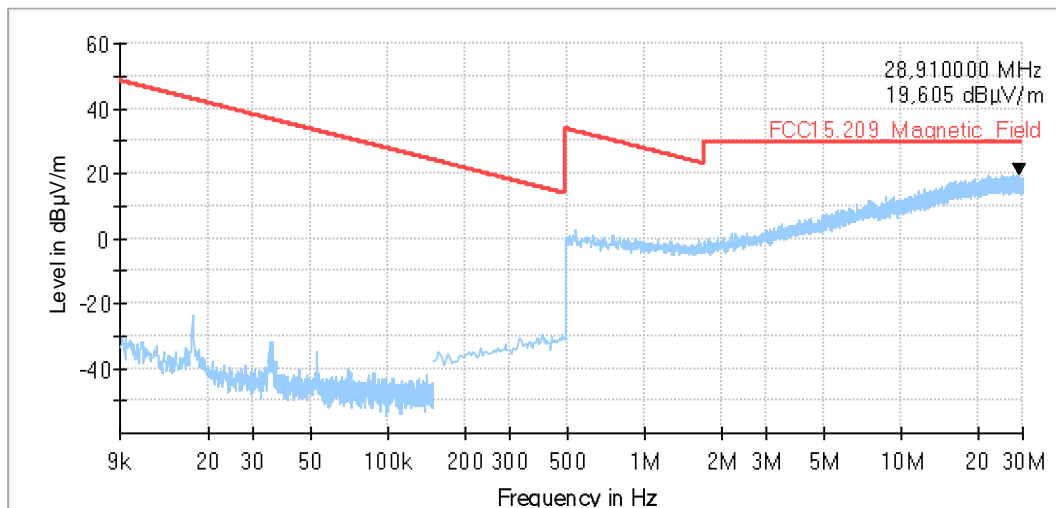
Common Information

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
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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:	LKnopp/PMa
Operating Mode:	1
Power during tests:	42 V DC
Comment 1:	Channel low
Environmental Conditions::	Humidity: 61 % rH; Temperature: 21 °C
EUT Setup:	1
Verdict:	Passed

EUT Information

PMT number: 21-1-01436S02_C01

Full Spectrum



2.02a_BLE_mid_standing

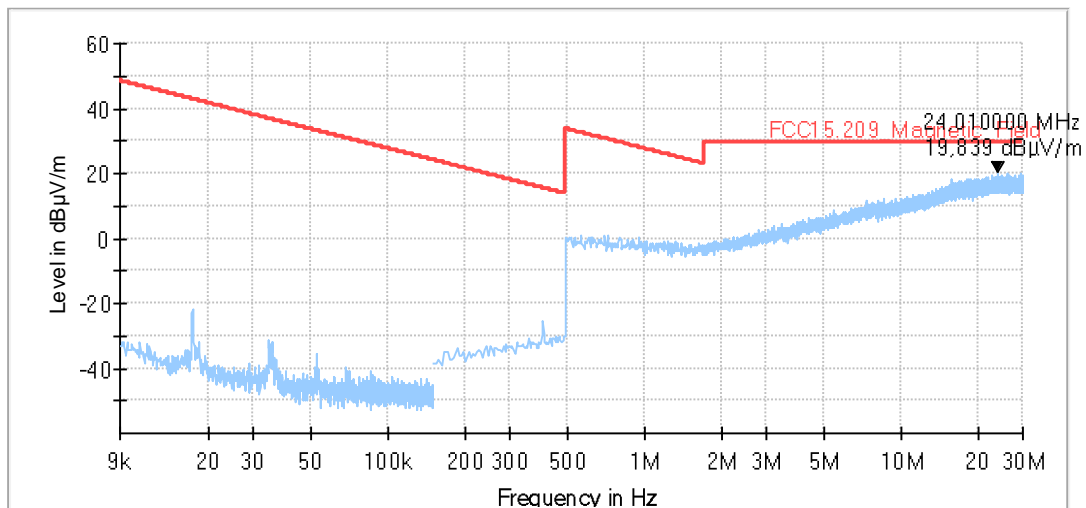
Common Information

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:	LKnopp/PMa
Operating Mode:	1
Power during tests:	42 V DC
Comment 1:	Channel mid
Environmental Conditions::	Humidity: 61 % rH; Temperature: 21 °C
EUT Setup:	1
Verdict:	Passed

EUT Information

PMT number: 21-1-01436S02_C01

Full Spectrum



2.02b_BLE_mid_laying

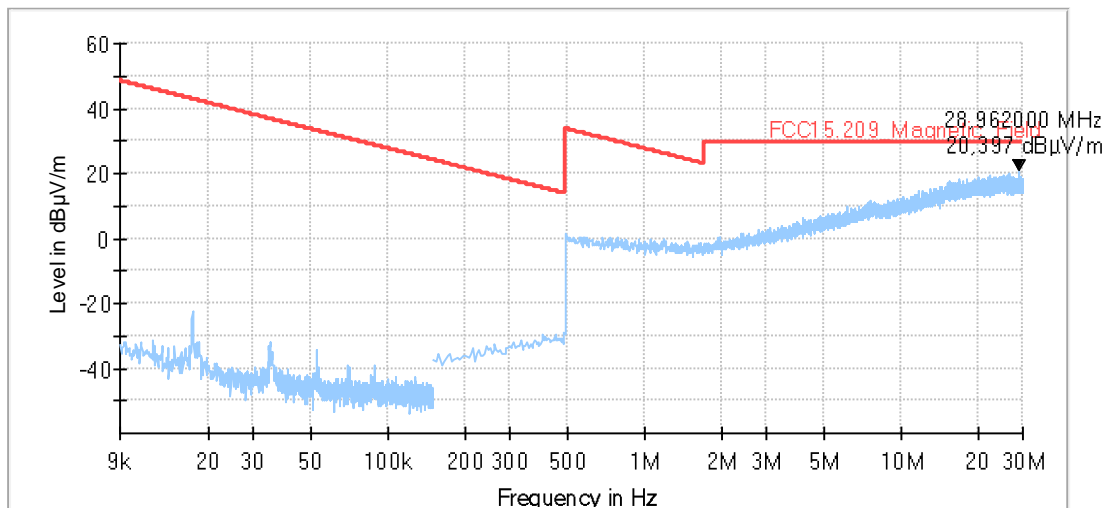
Common Information

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:	LKnopp/PMa
Operating Mode:	1
Power during tests:	42 V DC
Comment 1:	Channel mid
Environmental Conditions::	Humidity: 61 % rH; Temperature: 21 °C
EUT Setup:	1
Verdict:	Passed

EUT Information

PMT number: 21-1-01436S02_C01

Full Spectrum



2.03a_BLE_high_standing

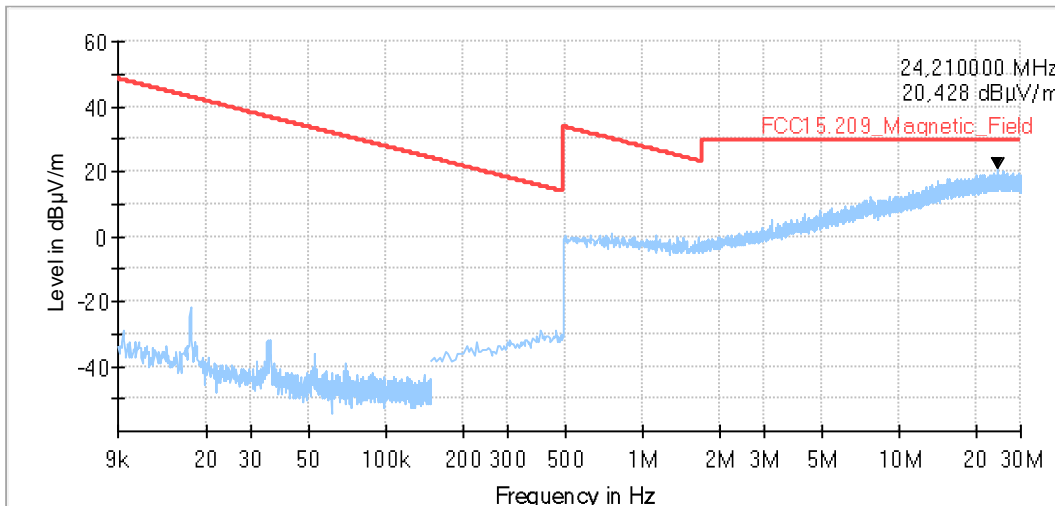
Common Information

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:	LKnopp/PMa
Operating Mode:	1
Power during tests:	42 V DC
Comment 1:	Channel high
Environmental Conditions::	Humidity: 61 % rH; Temperature: 21 °C
EUT Setup:	1
Verdict:	Passed

EUT Information

PMT number: 21-1-01436S02_C01

Full Spectrum



2.03b_BLE_high_laying

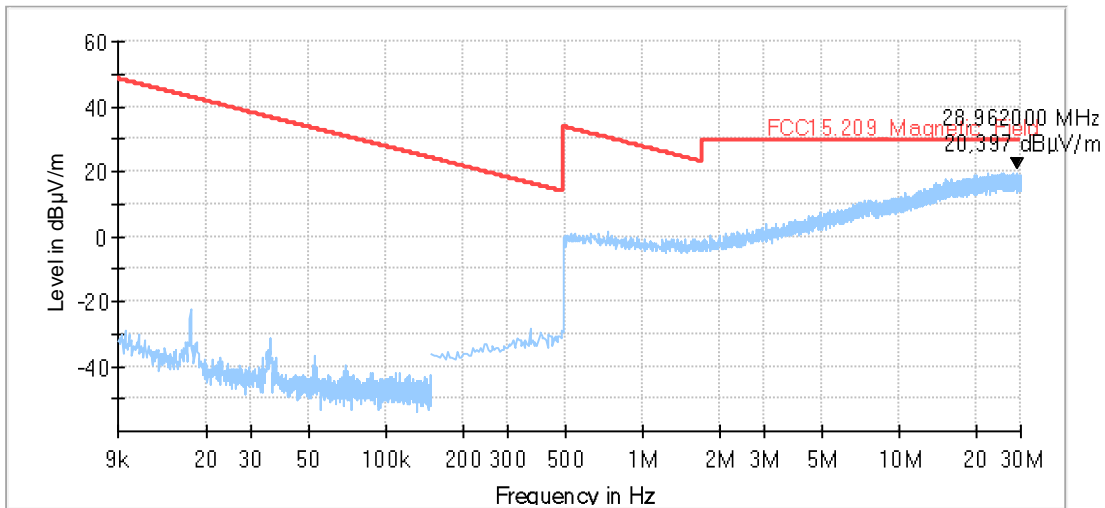
Common Information

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:	LKnopp/PMa
Operating Mode:	1
Power during tests:	42 V DC
Comment 1:	Channel high
Environmental Conditions::	Humidity: 61 % rH; Temperature: 21 °C
EUT Setup:	1
Verdict:	Passed

EUT Information

PMT number: 21-1-01436S02_C01

Full Spectrum



3.01a_BLE_low_standing

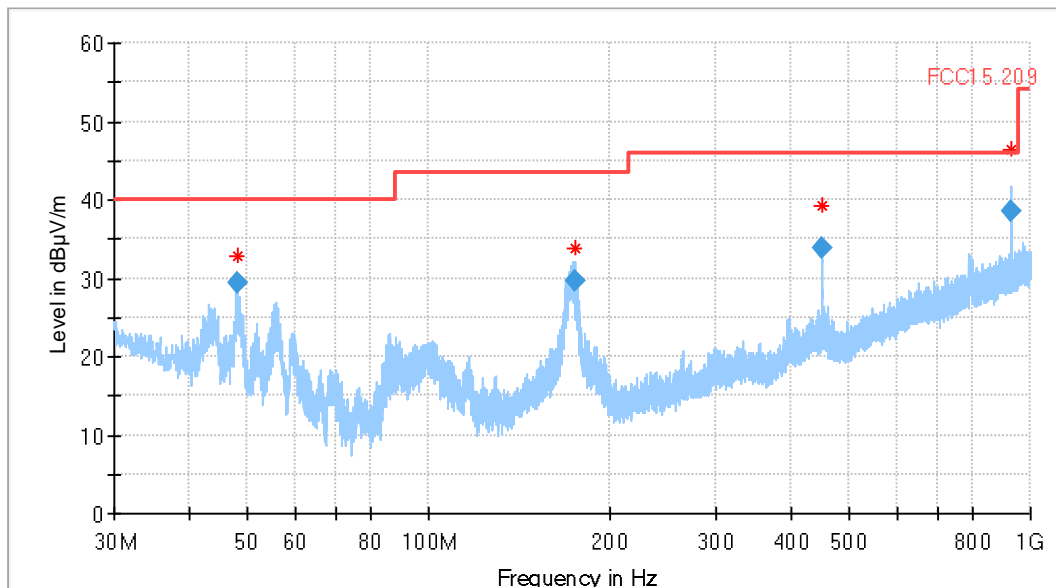
Common Information

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
Antenna polarisation:	horizontal/vertical
Environmental Conditions:	Humidity: 58 % rH; Temperature: 15 °C
Operator Name:	HEI
EUT:	Standing
Operating Mode:	1
Power supply:	42 V DC
Comment:	Channel no. low
Verdict:	Passed

EUT Information

PMT number:	21-1-01436S03_C01
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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)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Sig Path (dB)	Preamplifier (dB)	Trd Corr. (dB/m)
48.175000	29.43	40.00	10.57	120.000	111.0	V	98.0	13.6	0.0	0.7	12.9
174.715000	29.60	43.50	13.90	120.000	181.0	H	0.0	10.4	0.0	1.2	9.2
450.063000	33.74	46.00	12.26	120.000	205.0	H	153.0	19.3	0.0	2.2	17.1
928.405000	38.53	46.00	7.47	120.000	251.0	V	107.0	27.0	0.0	3.4	23.6

3.01b_BLE_low_laying

Common Information

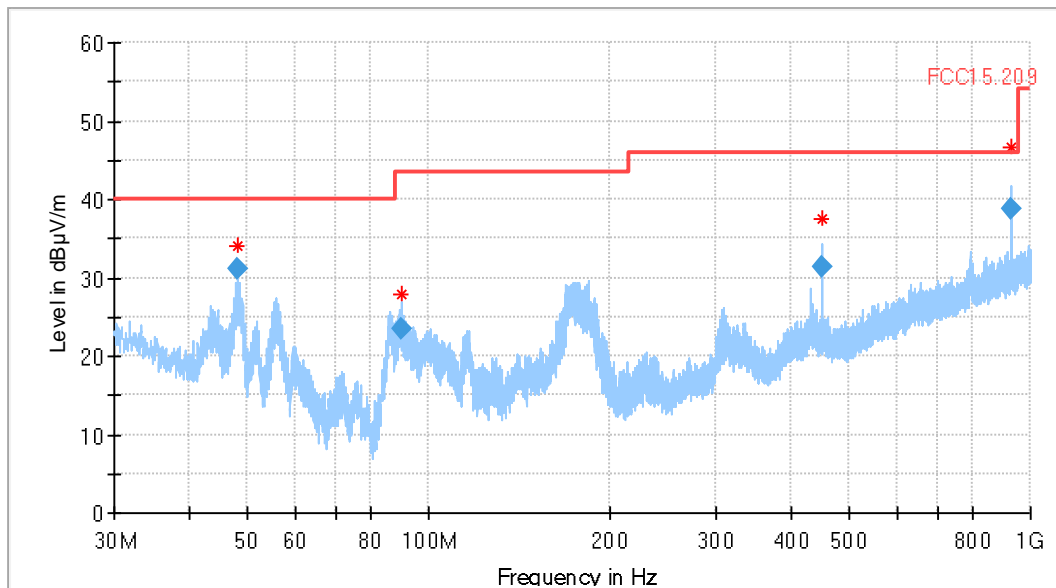
Test Description: Radiated field strength emission in 3m distance
 Test Site: CETECOM GmbH Essen
 Test Standard: FCC 15.205&15.209 & RSS Gen. Issue 5
 Antenna polarisation: horizontal/vertical

 Environmental Conditions: Humidity: 58 % rH; Temperature: 15 °C
 Operator Name: HEI
 EUT: Laying
 Operating Mode: 1
 Power supply: 42 V DC
 Comment: Channel no. low
 Verdict: Passed

EUT Information

PMT number: 21-1-01436S03_C01

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)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Sig Path (dB)	Preamplifier (dB)	Trd Corr. (dB/m)
48.185000	31.02	40.00	8.98	120.000	105.0	V	34.0	13.6	0.0	0.7	12.9
90.005000	23.37	43.50	20.13	120.000	112.0	V	168.0	8.2	0.0	0.9	7.3
450.115000	31.30	46.00	14.70	120.000	181.0	H	183.0	19.3	0.0	2.2	17.1
928.405000	38.76	46.00	7.24	120.000	243.0	V	150.0	27.0	0.0	3.4	23.6

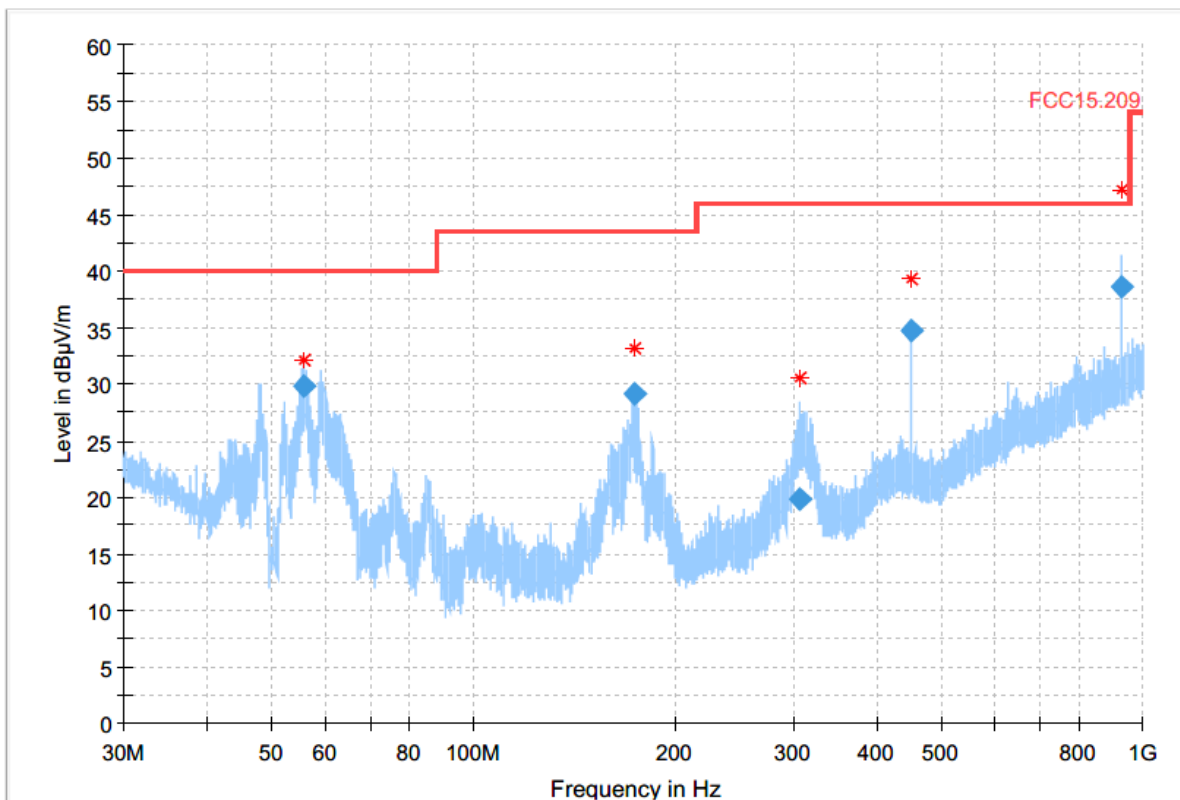
3.02a_BLE_mid_standing

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
Antenna polarisation:	horizontal/vertical
Environmental Conditions:	Humidity : 58 % rH; Temperature: 15 °C
Operator Name:	HEI
EUT:	Standing
Operating Mode:	1
Power supply:	42 V DC
Comment:	Channel no. mid
Verdict:	Passed

Full Spectrum

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)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Sig Path (dB)	Preamplifier (dB)	Trd Corr. (dB/m)
55.829000	29.80	40.00	10.20	120.000	105.0	V	117.0	10.8	0.0	0.7	10.1
173.485000	29.11	43.50	14.39	120.000	138.0	H	345.0	10.4	0.0	1.3	9.1
307.945000	19.86	46.00	26.14	120.000	100.0	H	11.0	15.5	0.0	1.8	13.7
450.089000	34.66	46.00	11.34	120.000	186.0	H	174.0	19.3	0.0	2.2	17.1
928.385000	38.63	46.00	7.37	120.000	138.0	H	292.0	27.0	0.0	3.4	23.6

3.02b_BLE_mid_laying

Common Information

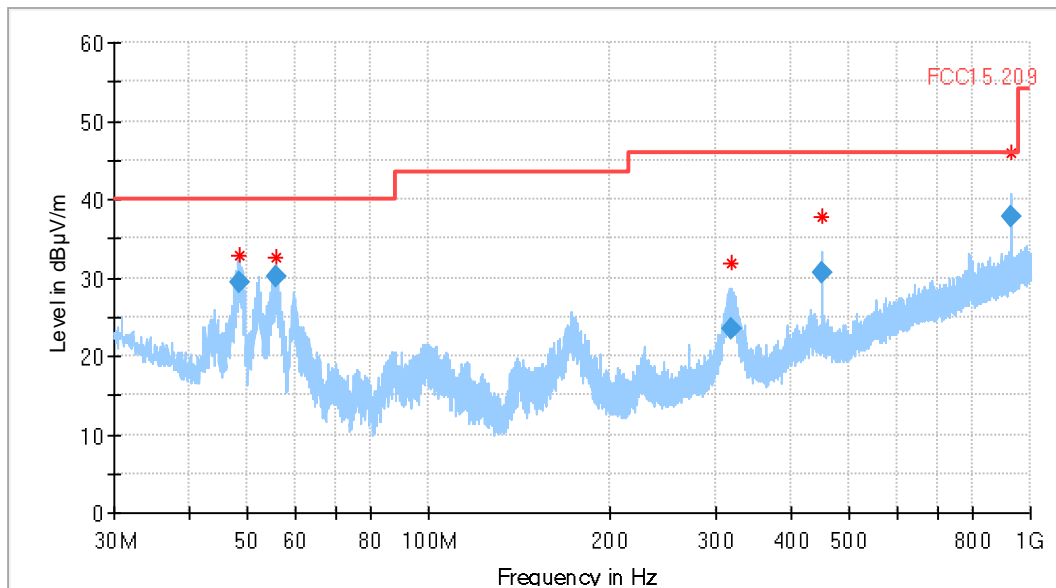
Test Description: Radiated field strength emission in 3m distance
 Test Site: CETECOM GmbH Essen
 Test Standard: FCC 15.205&15.209 & RSS Gen. Issue 5
 Antenna polarisation: horizontal/vertical

 Environmental Conditions: Humidity : 58 % rH; Temperature: 15 °C
 Operator Name: HEI
 EUT: Laying
 Operating Mode: 1
 Power supply: 42 V DC
 Comment: Channel no. mid
 Verdict: Passed

EUT Information

PMT number: 21-1-01436S03_C01

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)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Sig Path (dB)	Preamplifier (dB)	Trd Corr. (dB/m)
48.569000	29.50	40.00	10.50	120.000	109.0	V	343.0	13.4	0.0	0.6	12.8
55.803000	30.18	40.00	9.82	120.000	111.0	V	62.0	10.8	0.0	0.7	10.1
317.883000	23.57	46.00	22.43	120.000	100.0	H	159.0	15.8	0.0	1.8	14.0
450.065000	30.65	46.00	15.35	120.000	118.0	V	60.0	19.3	0.0	2.2	17.1
928.469000	37.85	46.00	8.15	120.000	337.0	H	47.0	27.0	0.0	3.4	23.6

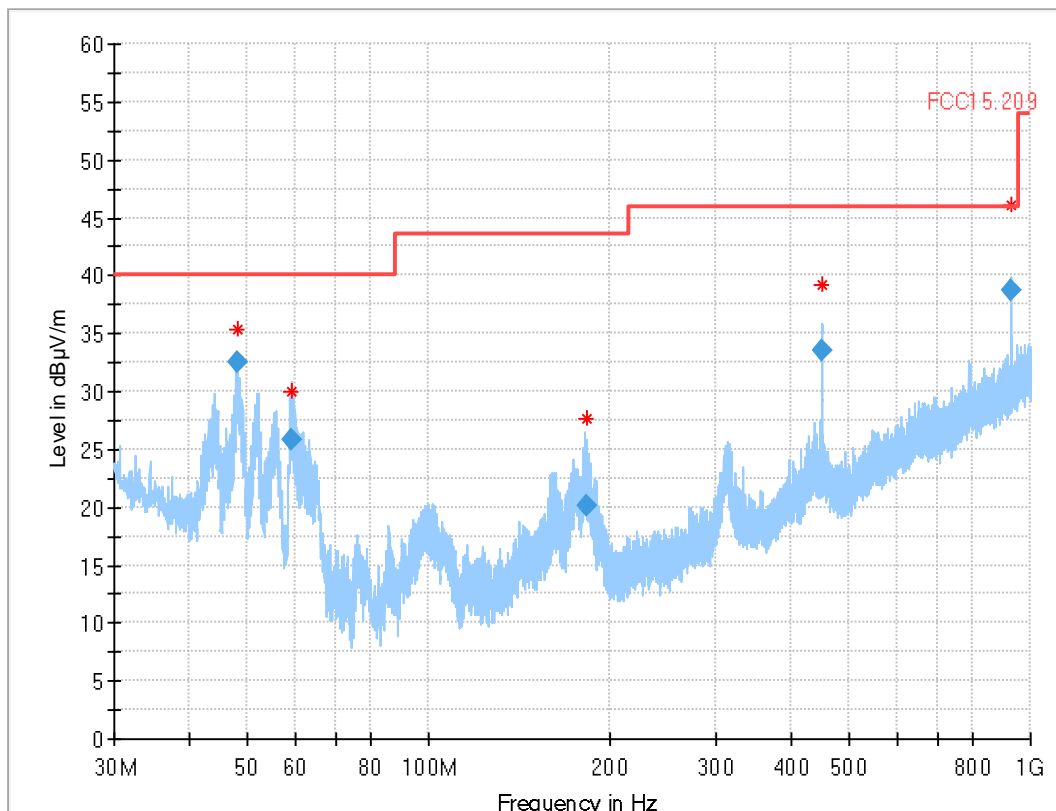
3.03a_BLE_high_standing

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
Antenna polarisation:	horizontal/vertical
Environmental Conditions:	Humidity : 58 % rH; Temperature: 15 °C
Operator Name:	HEI
EUT:	Standing
Operating Mode:	1
Power supply:	42 V DC
Comment:	Channel no. high
Verdict:	Passed

EUT Information

PMT number:	21-1-01436S03_C01
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Remark: The peak at 928 MHz is known external disturbance and does not come from EUT.

Final_Result

Frequency (MHz)	QuasiPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Sig Path (dB)	Preamplifier (dB)	Trd Corr. (dB/m)
48.185000	32.54	40.00	7.46	120.000	109.0	V	81.0	13.6	0.0	0.7	12.9
59.015000	25.85	40.00	14.15	120.000	207.0	V	91.0	9.3	0.0	0.7	8.6
183.543000	20.10	43.50	23.40	120.000	159.0	H	15.0	11.0	0.0	1.3	9.7
449.999000	33.55	46.00	12.45	120.000	174.0	H	150.0	19.3	0.0	2.2	17.1
928.385000	38.76	46.00	7.24	120.000	332.0	V	201.0	27.0	0.0	3.4	23.6

3.03b_BLE_high_laying

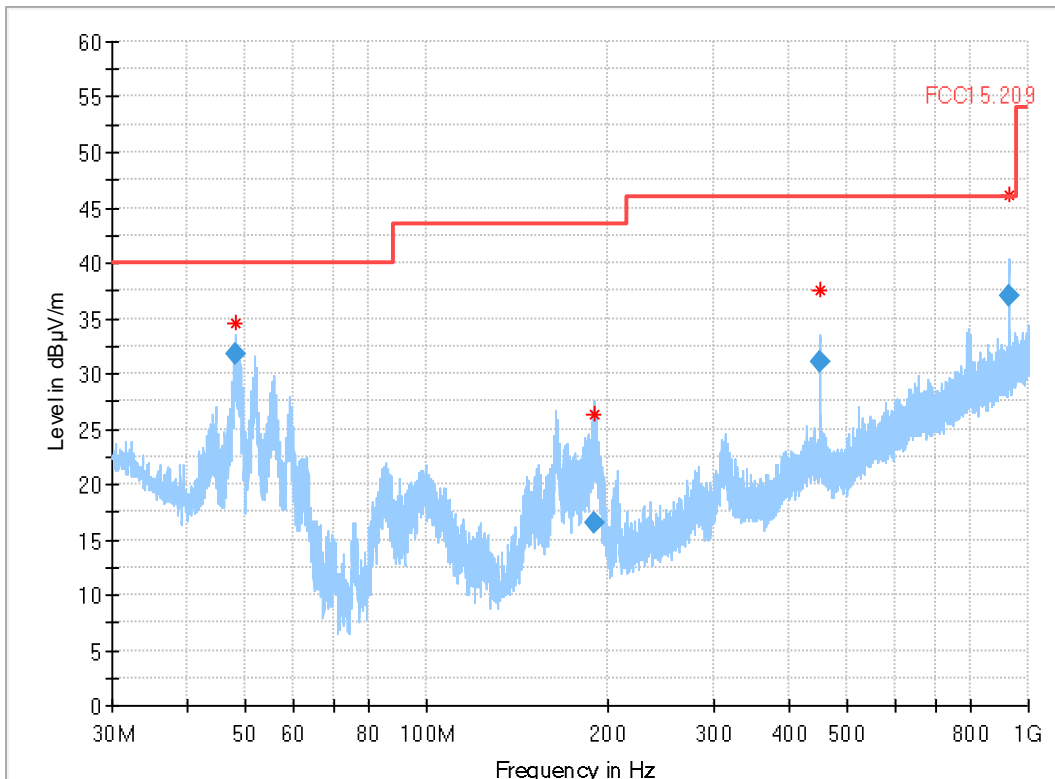
Common Information

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
Antenna polarisation:	horizontal/vertical
Environmental Conditions::	Humidity : 58 % rH; Temperature: 15 °C
Operator Name:	HEI
EUT:	Standing
Operating Mode:	1
Power supply:	42 V DC
Comment:	Channel no. high
Verdict:	Passed

EUT Information

PMT number: 21-1-01436S03_C01

Full Spectrum



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

Final_Result

Frequency (MHz)	QuasiPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Sig Path (dB)	Preamplifier (dB)	Trd Corr. (dB/m)
48.183000	31.79	40.00	8.21	120.000	109.0	V	112.0	13.6	0.0	0.7	12.9
189.959000	16.54	43.50	26.96	120.000	269.0	V	286.0	11.4	0.0	1.3	10.1
449.973000	31.05	46.00	14.95	120.000	205.0	H	166.0	19.3	0.0	2.2	17.1
928.383000	36.98	46.00	9.02	120.000	360.0	V	22.0	27.0	0.0	3.4	23.6

3.04a_BLE_low_standing

Common Information

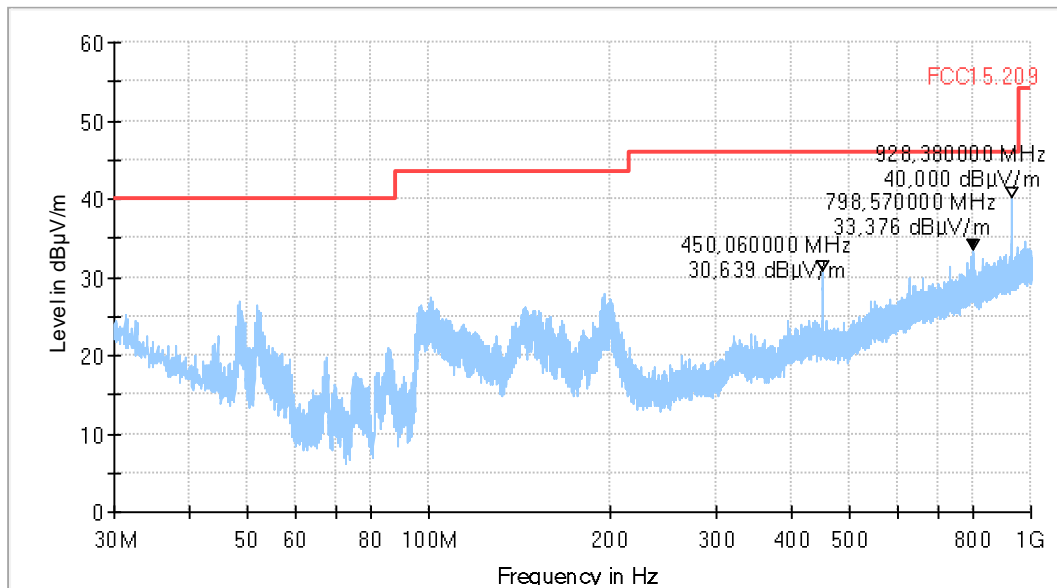
Test Description: Radiated field strength emission in 3m distance
 Test Site: CETECOM GmbH Essen
 Test Standard: FCC 15.205&15.209 & RSS Gen. Issue 5
 Antenna polarisation: horizontal/vertical

Environmental Conditions: Humidity : 61 % rH; Temperature: 21 °C
 Operator Name: LKnopp/NPe
 EUT: Standing
 Operating Mode: 2
 Set-up no. 1
 Power supply: 42 V DC

EUT Information

PMT number: 21-1-01436S02_C01

Full Spectrum



Remark: The peaks at 798 and 928 MHz are known external disturbances and do not come from EUT.

3.04b_BLE_low_laying

Common Information

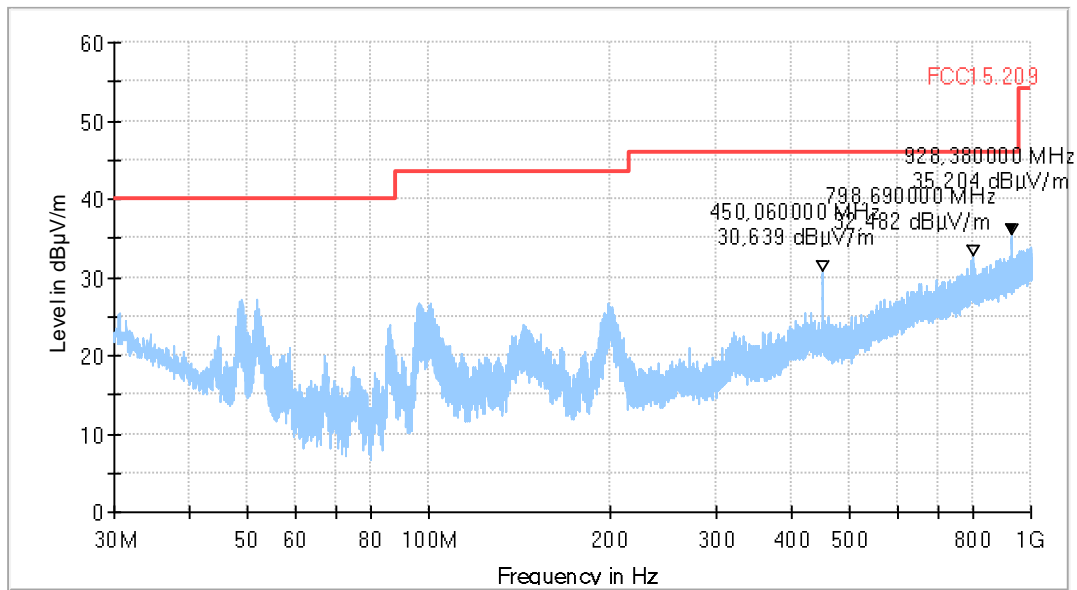
Test Description: Radiated field strength emission in 3m distance
 Test Site: CETECOM GmbH Essen
 Test Standard: FCC 15.205&15.209 & RSS Gen. Issue 5
 Antenna polarisation: horizontal/vertical

Environmental Conditions: Humidity : 61 % rH; Temperature: 21 °C
 Operator Name: LKnopp/NPe
 EUT: Laying
 Operating Mode: 2
 Set-up no. 1
 Power supply: 42 V DC

EUT Information

PMT number: 21-1-01436S02_C01

Full Spectrum



Remark: The peaks at 798 and 928 MHz are known external disturbances and do not come from EUT.

4.01a_BLE_low

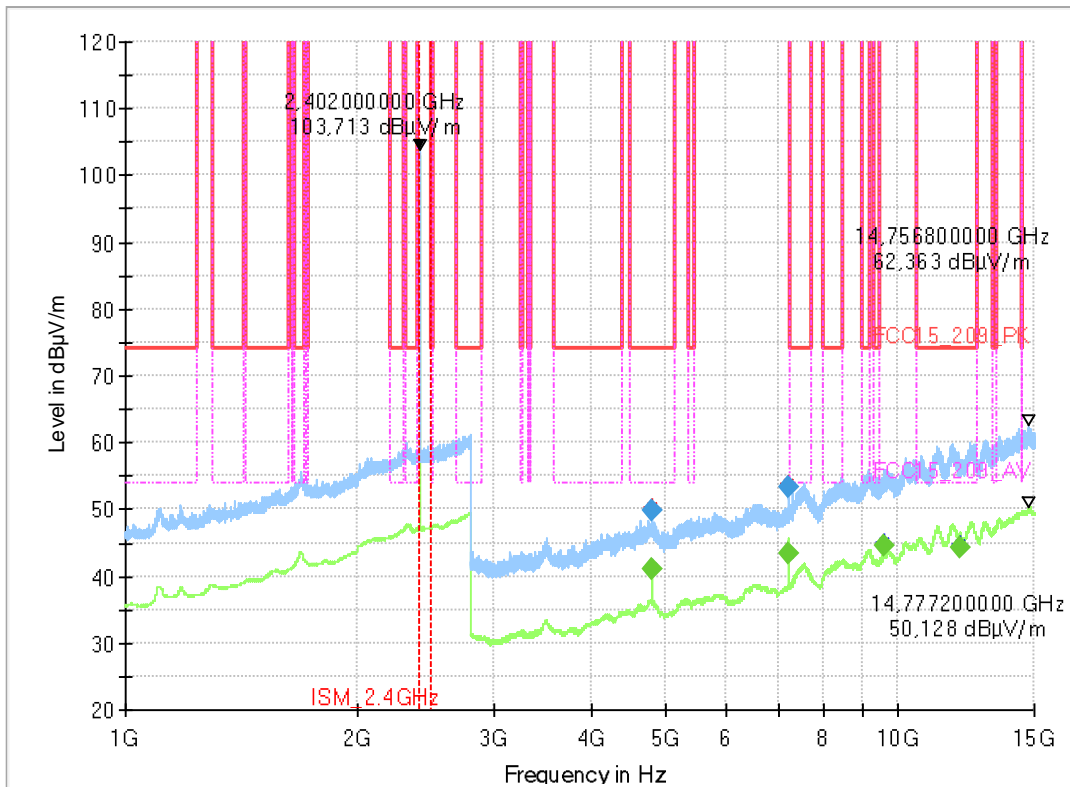
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5
Antenna polarisation:	horizontal/vertical
Operating Mode:	1
Set-up no.	1
Operator:	HEI
Comment:	Channel low
Environmental Conditions:	Humidity : 60 % rH; Temperature: 22 °C
Verdict:	Passed

EUT Information

PMT number: 21-1-01436S03_C01

Full Spectrum



Final_Result

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin	Meas. Time (ms)	Bandwidth	Height	Pol	Azimuth	Elevation
4803.200000	49.69	---	74.00	24.31	100.0	1000.000	155.0	H	132.0	0.0
4803.600000	---	41.06	54.00	12.94	100.0	1000.000	155.0	H	131.0	0.0
7205.200000	53.43	---	150.00	96.57	100.0	1000.000	155.0	H	50.0	90.0
7206.800000	---	43.40	150.00	106.60	100.0	1000.000	155.0	H	47.0	90.0
9608.800000	---	44.56	150.00	105.45	100.0	1000.000	155.0	H	306.0	90.0
12011.200000	---	44.22	54.00	9.78	100.0	1000.000	155.0	V	316.0	90.0
15800.800000	63.27	---	74.00	10.73	100.0	1000.000	155.0	V	158.0	0.0

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

Frequency (MHz)	Corr. (dB/m)	Comment
4803.200000	7	18:40:10 - 09.11.2021
4803.600000	7	18:45:19 - 09.11.2021
7205.200000	12	18:43:47 - 09.11.2021
7206.800000	13	18:46:56 - 09.11.2021
9608.800000	18	18:48:35 - 09.11.2021
12011.200000	21	18:50:16 - 09.11.2021
15800.800000	32	18:41:50 - 09.11.2021

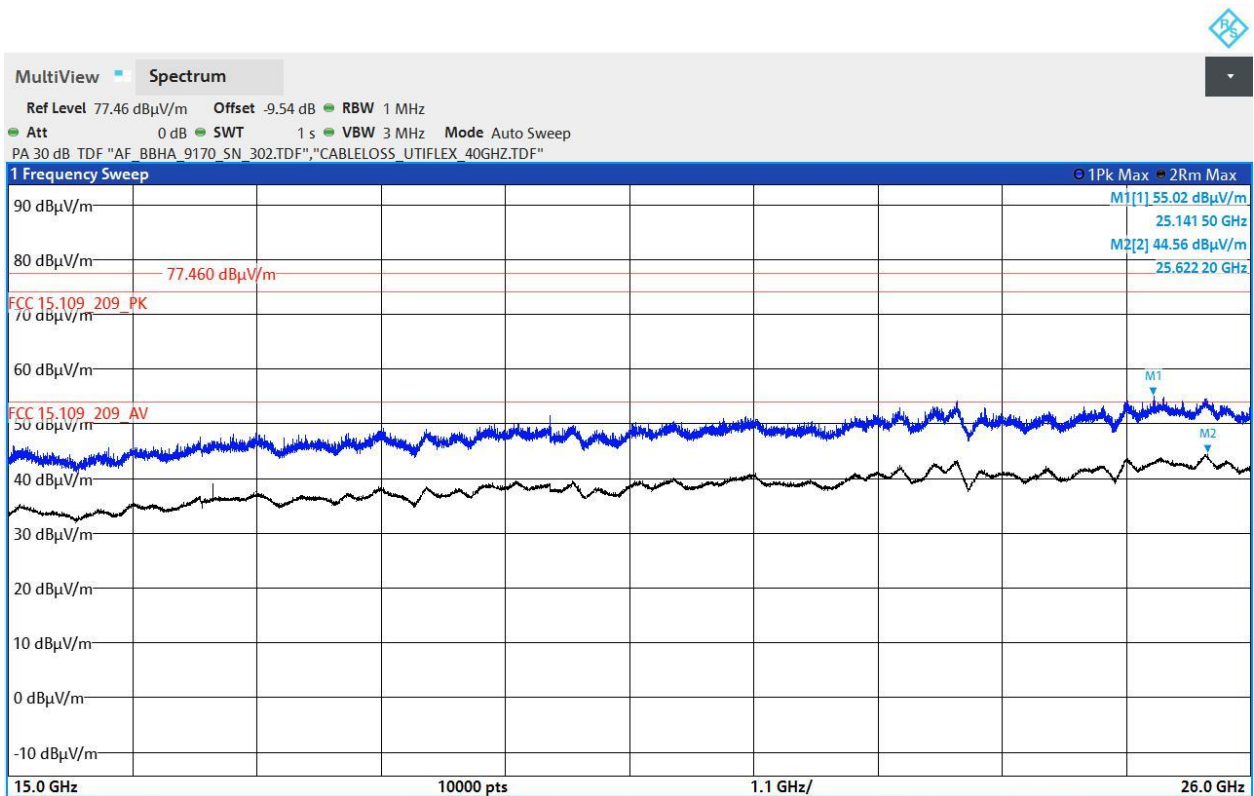
4.01b_BLE_low

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5
Antenna polarisation:	horizontal/vertical
Operating Mode:	1
Set-up no.	1
Operator:	HEI
Comment:	Channel low
Environmental Conditions:	Humidity : 60 % rH; Temperature: 21 °C
Verdict:	Passed

EUT Information

PMT number: 21-1-01436S03_C01



4.02a_BLE_mid

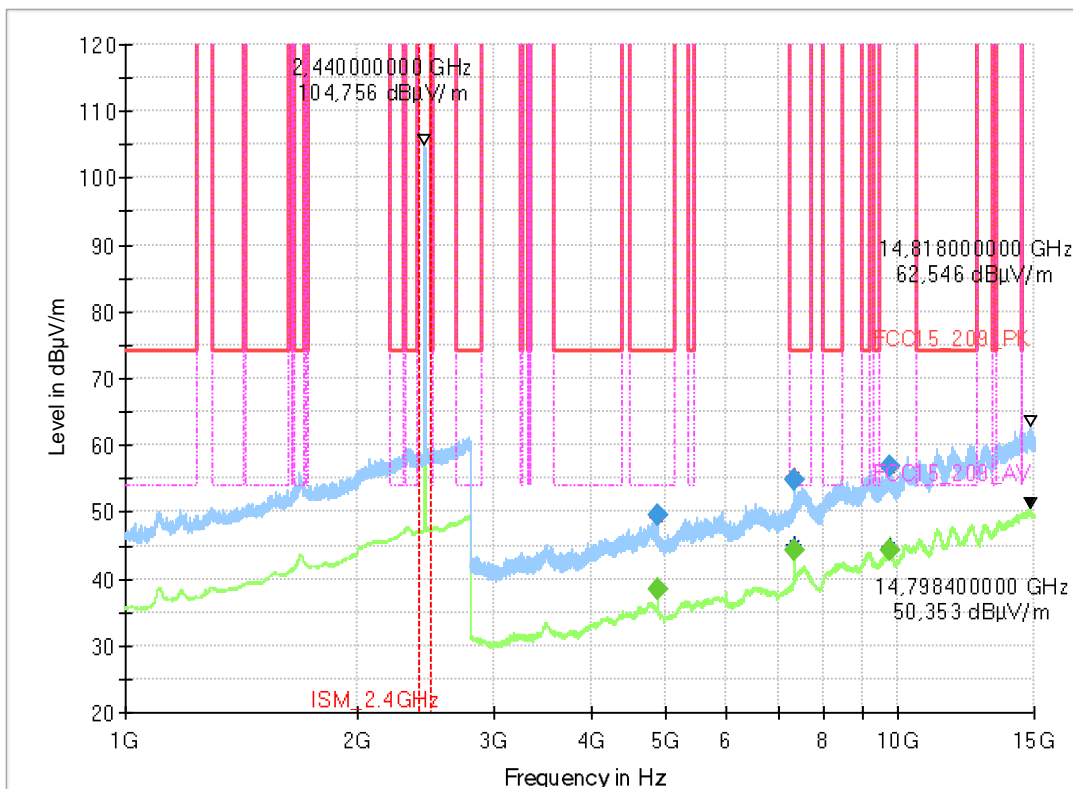
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5
Antenna polarisation:	horizontal/vertical
Operating Mode:	1
Set-up no.:	1
Operator:	HEI
Comment:	Channel no.mid
Environmental Conditions:	Humidity : 60 % rH; Temperature: 22 °C
Verdict:	Passed

EUT Information

PMT number: 21-1-01436S03_C01

Full Spectrum



Final_Result

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin	Meas. Time (ms)	Bandwidth	Height	Pol	Azimuth	Elevation
4879.600000	---	38.56	54.00	15.44	100.0	1000.000	155.0	H	1.0	90.0
4879.600000	49.40	---	74.00	24.60	100.0	1000.000	155.0	H	131.0	0.0
7319.200000	---	44.21	54.00	9.79	100.0	1000.000	155.0	H	51.0	90.0
7320.800000	54.78	---	74.00	19.22	100.0	1000.000	155.0	H	51.0	90.0
9758.800000	---	44.25	150.00	105.75	100.0	1000.000	155.0	H	270.0	0.0
9760.800000	56.75	---	150.00	93.25	100.0	1000.000	155.0	H	270.0	0.0

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

Frequency (MHz)	Corr. (dB/m)	Comment
4879.600000	7	20:57:18 - 09.11.2021
4879.600000	7	20:50:21 - 09.11.2021
7319.200000	14	20:58:40 - 09.11.2021
7320.800000	14	20:53:41 - 09.11.2021
9758.800000	18	20:55:24 - 09.11.2021
9760.800000	18	20:51:52 - 09.11.2021

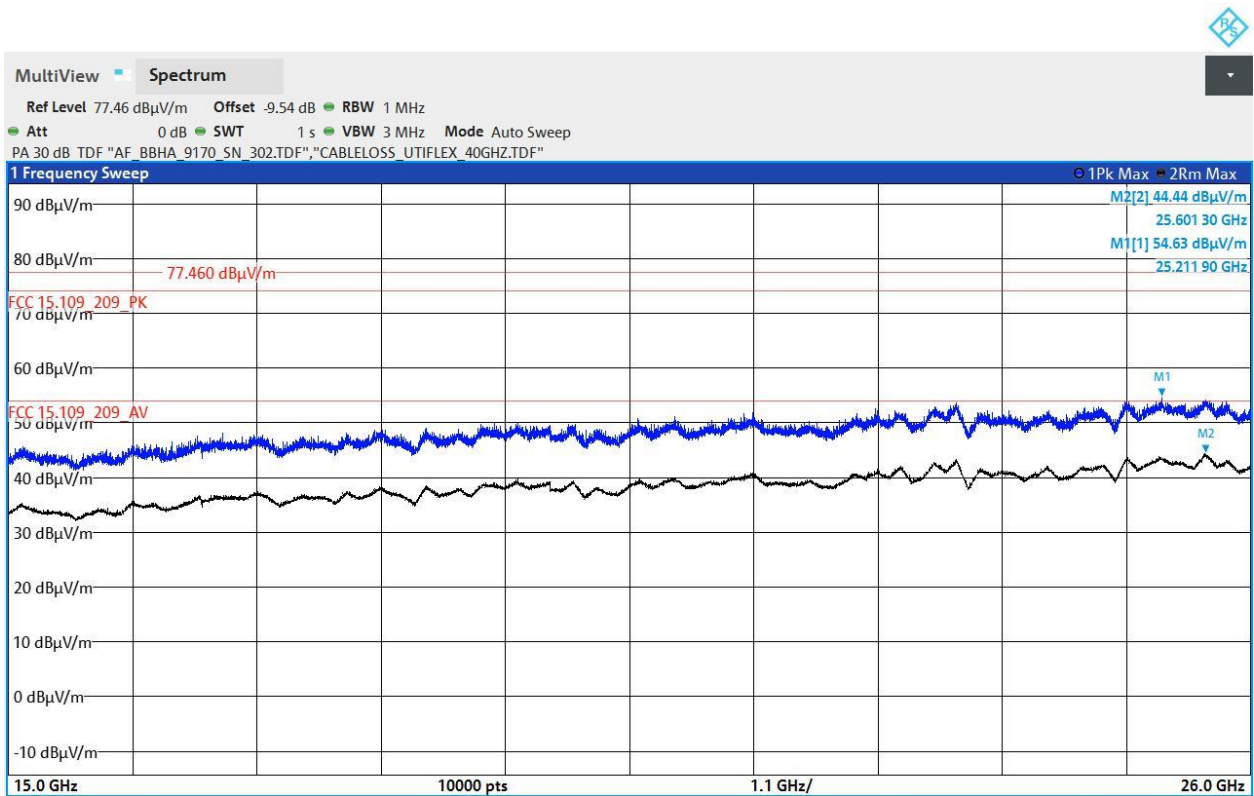
4.02b_BLE_mid

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5
Antenna polarisation:	horizontal/vertical
Operating Mode:	1
Set-up no.:	1
Operator:	HEI
Comment:	Channel no.mid
Environmental Conditions:	Humidity : 60 % rH; Temperature: 21 °C
Verdict:	Passed

EUT Information

PMT number: 21-1-01436S03_C01



4.03a_BLE_high

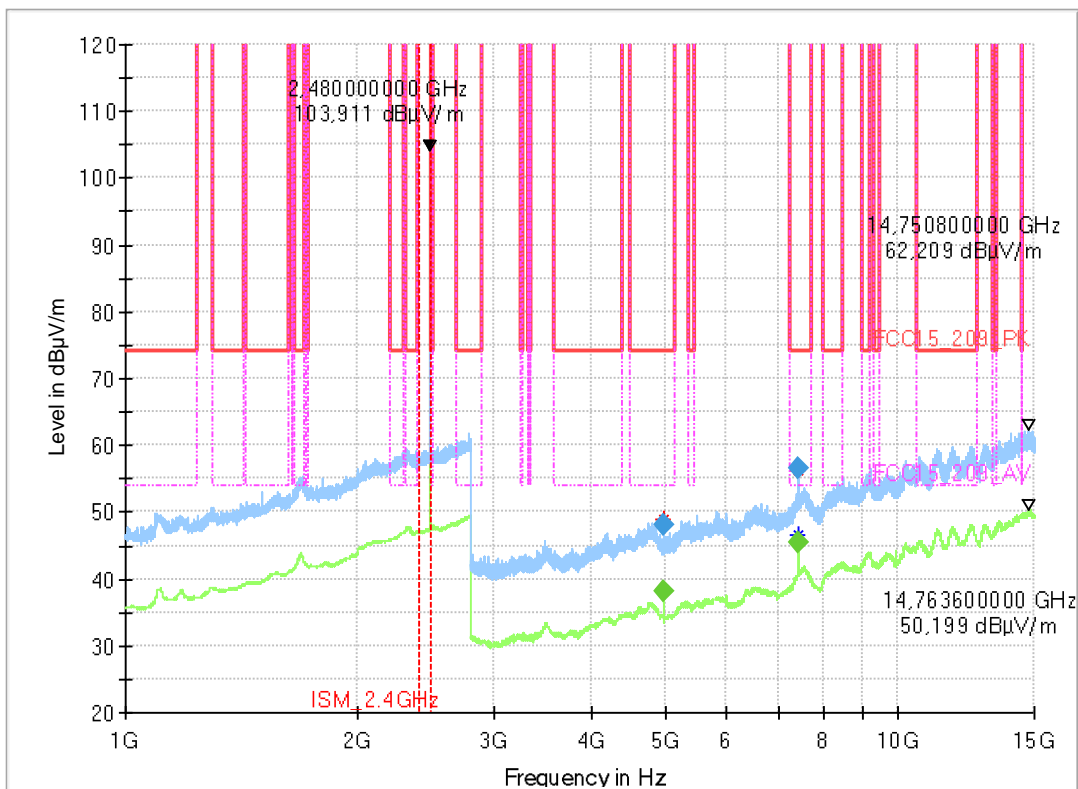
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5
Antenna polarisation:	horizontal/vertical
Operating Mode:	1
Set-up no.:	1
Operator:	HEI
Comment:	Channel no.High
Environmental Conditions:	Humidity : 60 % rH; Temperature: 21 °C
Verdict:	Passed

EUT Information

PMT number: 21-1-01436S03_C01

Full Spectrum



Final_Result

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin	Meas. Time (ms)	Bandwidth	Height	Pol	Azimuth	Elevation
4959.200000	48.21	---	74.00	25.79	100.0	1000.000	155.0	H	-2.0	90.0
4959.600000	---	38.07	54.00	15.93	100.0	1000.000	155.0	H	1.0	90.0
7439.200000	---	45.43	54.00	8.57	100.0	1000.000	155.0	H	50.0	90.0
7439.200000	56.56	---	74.00	17.44	100.0	1000.000	155.0	H	45.0	90.0

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

Frequency (MHz)	Corr. (dB)	Comment
4959.200000	6.4	22:36:31 - 09.11.2021
4959.600000	6.4	22:39:26 - 09.11.2021
7439.200000	14.9	22:40:45 - 09.11.2021
7439.200000	14.9	22:37:54 - 09.11.2021

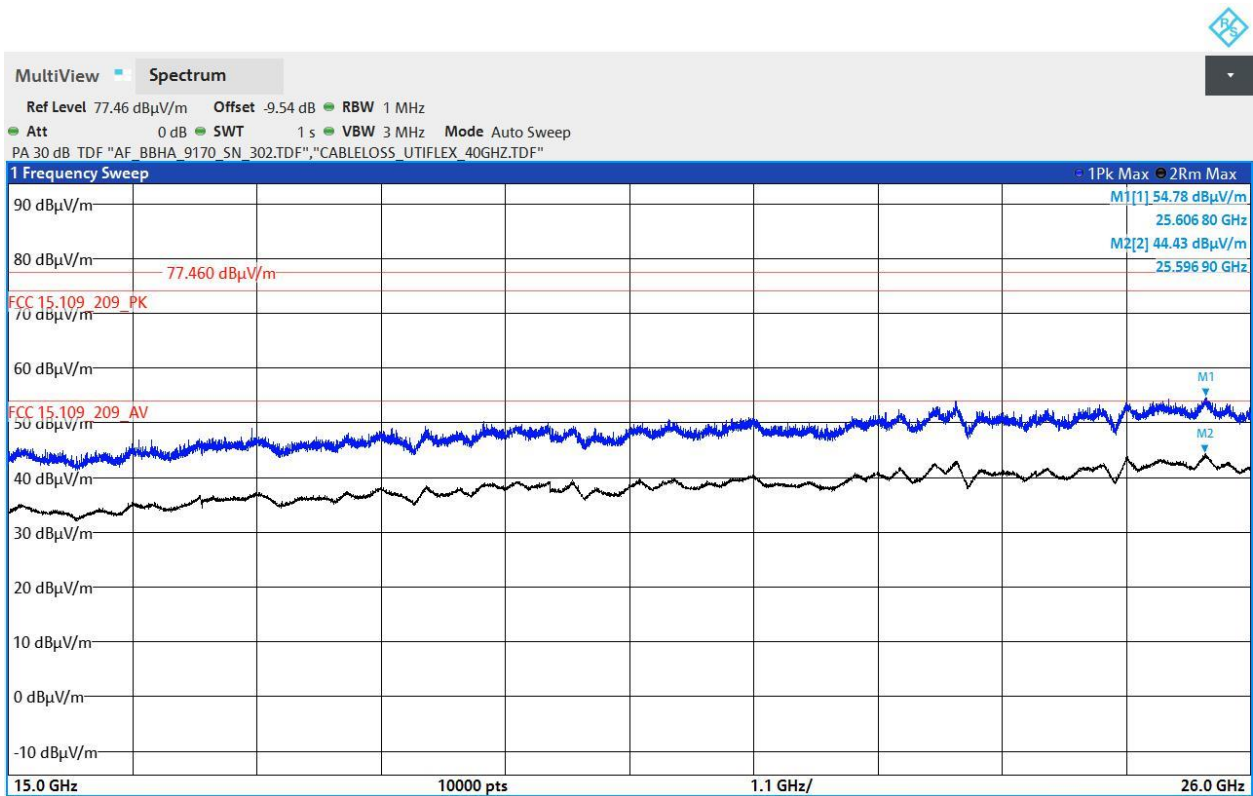
4.03b_BLE_high

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5
Antenna polarisation:	horizontal/vertical
Operating Mode:	1
Set-up no.:	1
Operator:	HEI
Comment:	Channel no.High
Environmental Conditions:	Humidity : 60 % rH; Temperature: 21 °C
Verdict:	Passed

EUT Information

PMT number: 21-1-01436S03_C01



4.04_BLE_low

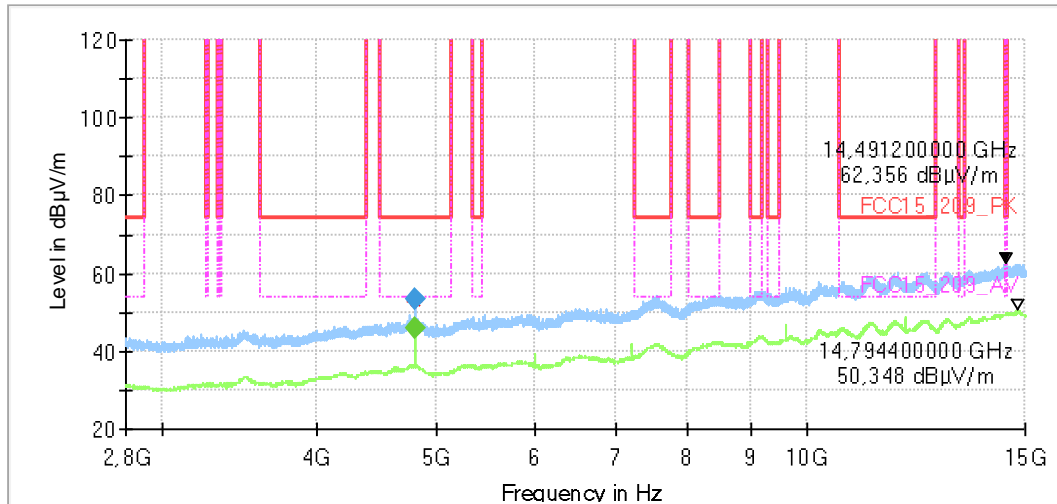
Common Information

Test Description: Radiated field strength emission in 3m distance
 Test Site: Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
 Test Standard: FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5
 Antenna polarisation: horizontal/vertical

 Operating Mode: 2
 Set-up no. 1
 Operator: PMA
 Environmental Conditions: Humidity : 61 % rH; Temperature: 21 °C
 Verdict: Passed

EUT Information

PMT number: 21-1-01436S02_C01
 Full Spectrum



Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin	Meas. Time (ms)	Bandwidth (h)	Height	Pol	Azimuth	Elevation
4804.000000	---	45.72	54.00	8.28	100.0	1000.000	155.0	H	269.0	0.0
4804.400000	53.15	---	74.00	20.85	100.0	1000.000	155.0	H	271.0	0.0

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

Frequency (MHz)	Corr. (dB/m)	Comment
4804.000000	7	12:50:15 - 10.11.2021
4804.400000	7	12:48:52 - 10.11.2021

9.01a_BE_BLE_low

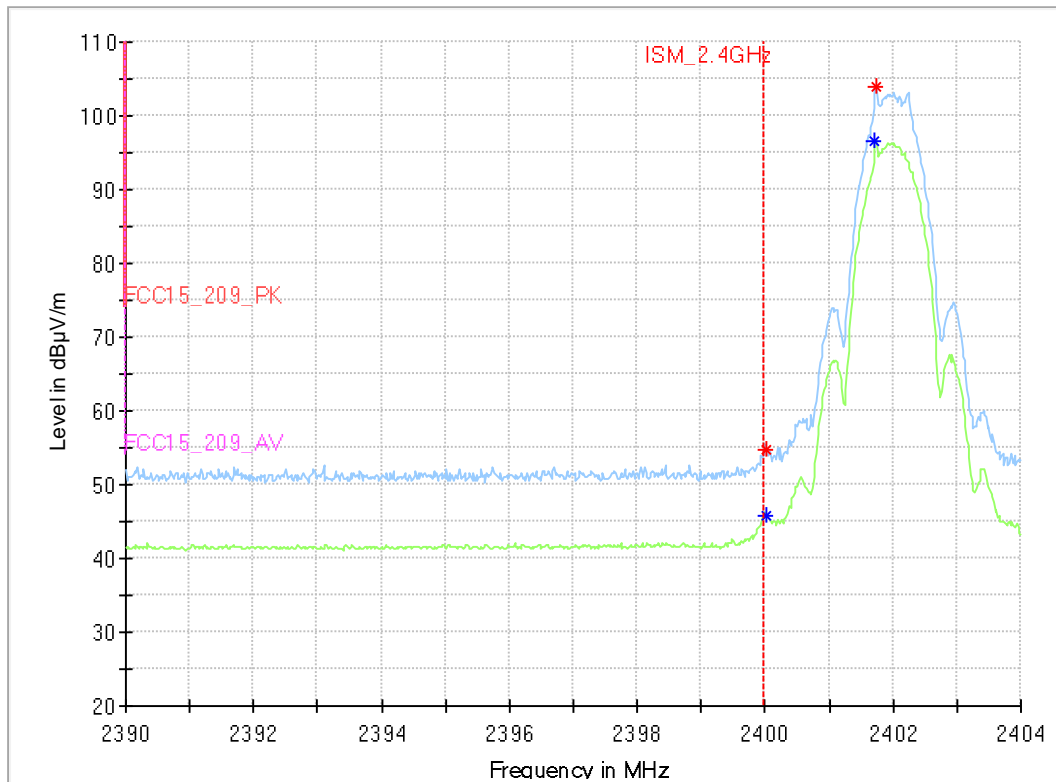
Common Information

Test Description:	Band-Edge: Radiated Field Strength Emissions Emissions in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5
Antenna polarisation:	horizontal/vertical
Operating Mode:	1
Operator:	HEI
Comment:	Channel no. low
EUT Setup:	1
Verdict:	Passed

EUT Information

PMT number:	21-1-01436S03_C01
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Full Spectrum



Critical_Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	RMS (dB μ V/m)	Limit (dB μ V/m)	Margin	Meas. Time (ms)	Bandwidth	Height	Pol	Azimuth	Elevation
2400.020000	---	45.75	150.00	104.25	---	---	155.0	V	279.0	90.0
2400.020000	54.84	---	150.00	95.16	---	---	155.0	H	270.0	0.0
2401.720000	---	96.58	150.00	53.42	---	---	155.0	V	279.0	90.0
2401.740000	103.89	---	150.00	46.11	---	---	155.0	V	274.0	90.0

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

Frequency (MHz)	Corr. (dB/m)
2400.020000	37
2400.020000	37
2401.720000	37
2401.740000	37

9.02_BE_BLE_high

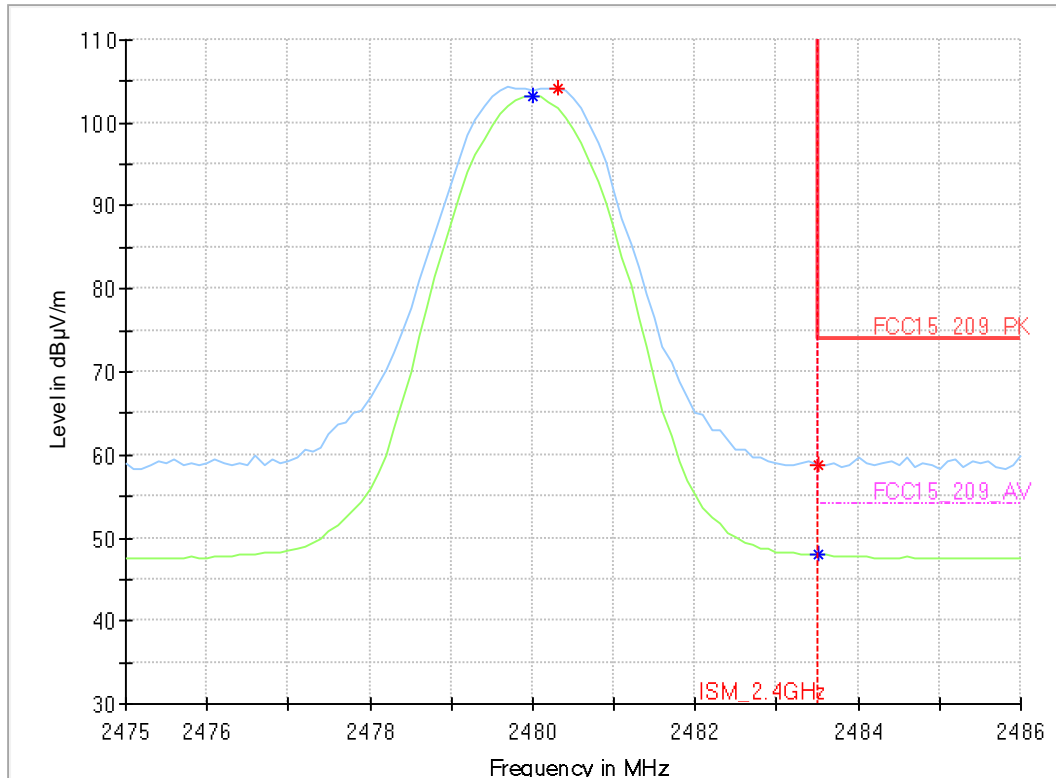
Common Information

Test Description: Band-Edge: Radiated Field Strength Emissions Emissions in 3m distance
 Test Site: Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
 Test Standard: FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5
 Antenna polarisation: horizontal/vertical

Operating Mode: 1
 Operator: HEI
 Comment: Channel no. high
 EUT Setup: 1
 Verdict: Passed

EUT Information

PMT number: 21-1-01436S03_C01
 Full Spectrum



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	RMS (dBµV/m)	Limit (dBµV/m)	Margi n	Meas. Time (ms)	Bandwidt h	Heigh t	Pol	Azimet h	Elevatio n
2480.000000	---	103.28	150.00	46.72	---	---	155.0	V	275.0	90.0
2480.300000	104.26	---	150.00	45.74	---	---	155.0	V	275.0	90.0
2483.500000	---	48.01	54.00	5.99	---	---	155.0	H	315.0	0.0
2483.500000	58.78	---	74.00	15.22	---	---	155.0	H	315.0	0.0

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

9.03_BE_low

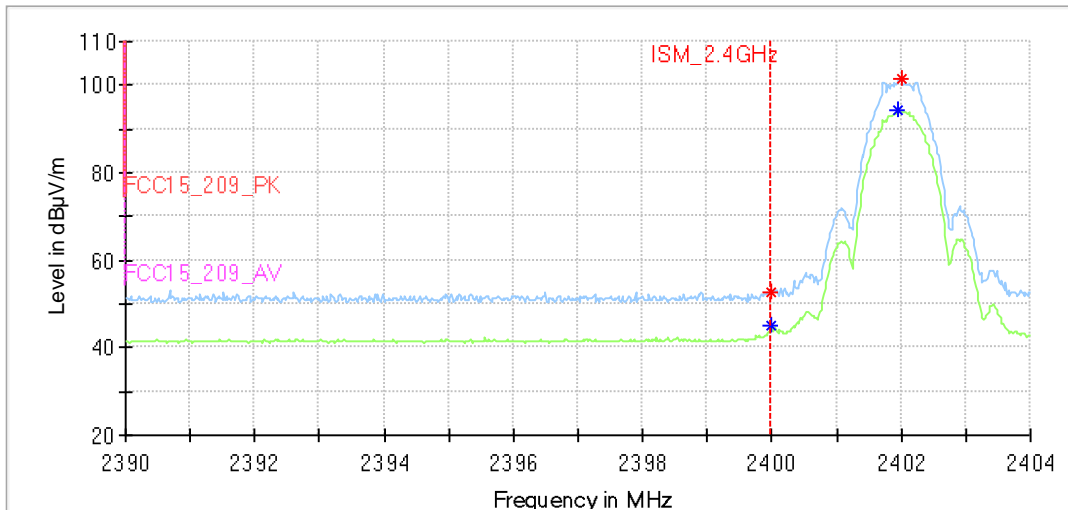
Common Information

Test Description:	Band-Edge: Radiated Field Strength Emissions Emissions in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5
Antenna polarisation:	horizontal/vertical
Operating Mode:	2
Operator:	PMA
EUT Setup:	1
Verdict:	Passed

EUT Information

PMT number: 21-1-01436S03_C01

Full Spectrum



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	RMS (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)
2400.000000	52.78	---	150.00	97.22	---	---	155.0	V	187.0	90.0
2400.000000	---	44.94	150.00	105.06	---	---	155.0	V	187.0	90.0
2401.940000	---	94.16	150.00	55.84	---	---	155.0	H	312.0	0.0
2402.000000	101.49	---	150.00	48.51	---	---	155.0	H	312.0	0.0

Frequency (MHz)	Corr. (dB/m)	Comment
2400.000000	37	13:07:47 - 10.11.2021
2400.000000	37	13:08:13 - 10.11.2021
2401.940000	37	13:07:34 - 10.11.2021
2402.000000	37	13:07:28 - 10.11.2021

9.04_BE_high

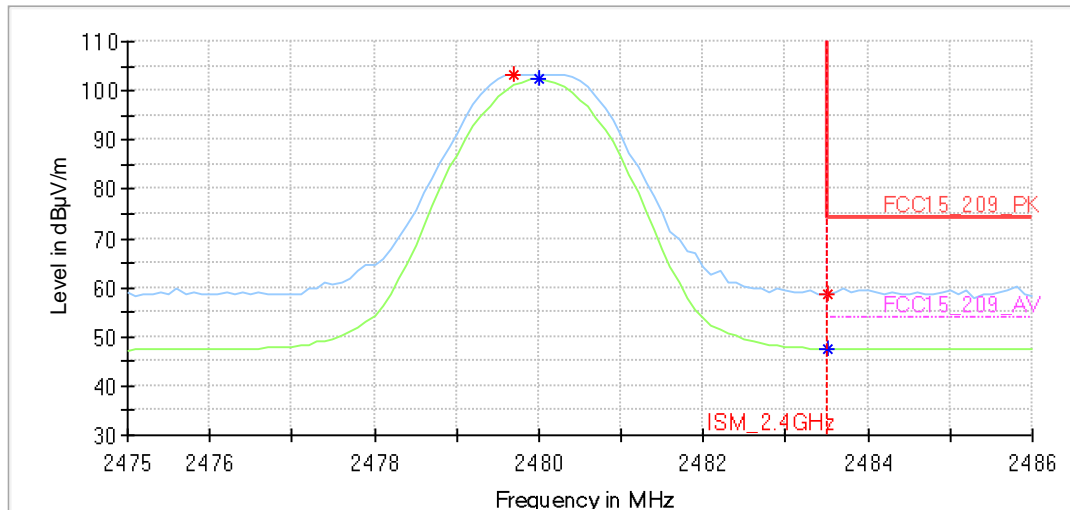
Common Information

Test Description:	Band-Edge: Radiated Field Strength Emissions Emissions in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5
Antenna polarisation:	horizontal/vertical
Operating Mode:	2
Operator:	PMa
EUT Setup:	1
Verdict:	Passed

EUT Information

PMT number: 21-1-01436S03_C01

Full Spectrum



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	RMS (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)
2479.700000	103.37	---	150.00	46.63	---	---	155.0	H	314.0	0.0
2480.000000	---	102.39	150.00	47.61	---	---	155.0	H	314.0	0.0
2483.500000	---	47.59	54.00	6.41	---	---	155.0	V	146.0	90.0
2483.500000	58.61	---	74.00	15.39	---	---	155.0	H	103.0	90.0

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

Frequency (MHz)	Corr. (dB/m)	Comment
2479.700000	37	13:23:37 - 10.11.2021
2480.000000	37	13:23:41 - 10.11.2021
2483.500000	37	13:23:26 - 10.11.2021
2483.500000	37	13:23:30 - 10.11.2021

1.2 Conducted measurements

RF output power

Mode	DUT Frequency	Gated RMS	Limit Max (dBm)	Gated EIRP	DutyCycle (%)	Result
BT-5 [1Mbps]; 2402MHz	2402.0000	5.3	30.0	5.3	100.000	PASS
BT-5 [1Mbps]; 2440MHz	2440.0000	5.1	30.0	5.1	100.000	PASS
BT-5 [1Mbps]; 2480MHz	2480.0000	4.8	30.0	4.8	100.000	PASS

Remark: Results for operation mode 1

Peak output power (Sweep)

Mode	DUT Frequency (MHz)	Peak Power (dBm)	Limit Max (dBm)	Result
BT-5 [1Mbps]; 2402MHz	2402.000000	6.4	30.0	PASS
BT-5 [1Mbps]; 2440MHz	2440.000000	6.3	30.0	PASS
BT-5 [1Mbps]; 2480MHz	2480.000000	5.8	30.0	PASS

Remark: Results for operation mode 1

Minimum Emission Bandwidth 6 dB

Mode	DUT Frequency	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left	Band Edge Right
BT-5 [1Mbps]; 2402MHz	2402.0000	0.752476	0.500000	---	2401.6039	2402.3564
BT-5 [1Mbps]; 2440MHz	2440.0000	0.752476	0.500000	---	2439.6039	2440.3564
BT-5 [1Mbps]; 2480MHz	2480.0000	0.772278	0.500000	---	2479.5841	2480.3564

Remark: Results for operation mode 1

Peak Power Spectral Density

Mode	DUT Frequency	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
BT-5 [1Mbps]; 2402MHz	2402.000000	2401.727500	1.689	8.0	PASS
BT-5 [1Mbps]; 2440MHz	2440.000000	2439.727500	1.751	8.0	PASS
BT-5 [1Mbps]; 2480MHz	2480.000000	2479.722500	1.321	8.0	PASS

Remark: Results for operation mode 1

Occupied Channel Bandwidth 99%

Mode	DUT Frequency	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left	Band Edge Right
BT-5 [1Mbps]; 2402MHz	2402.0000	1.060000	---	---	2401.4425	2402.5025
BT-5 [1Mbps]; 2440MHz	2440.0000	1.065000	---	---	2439.4375	2440.5025
BT-5 [1Mbps]; 2480MHz	2480.0000	1.060000	---	---	2479.4425	2480.5025

Remark: Results for operation mode 1

Tx Spurious Emission

Mode	DUT Frequency (MHz)	Result
BT-5 [1Mbps]; 2402MHz	2402.000000	PASS
BT-5 [1Mbps]; 2440MHz	2440.000000	PASS
BT-5 [1Mbps]; 2480MHz	2480.000000	PASS

Remark: Results for operation mode 1

RF output power

Mode	DUT Frequency	Gated RMS	Limit Max (dBm)	Gated EIRP	DutyCycle (%)	Result
BT-5 [1Mbps]; 2402MHz	2402.0000	5.5	30.0	5.5	100.000	PASS
BT-5 [1Mbps]; 2440MHz	2440.0000	5.4	30.0	5.4	100.000	PASS
BT-5 [1Mbps]; 2480MHz	2480.0000	5.1	30.0	5.1	100.000	PASS

Remark: Results for operation mode 2

Peak output power (Sweep)

Mode	DUT Frequency (MHz)	Peak Power (dBm)	Limit Max (dBm)	Result
BT-5 [1Mbps]; 2402MHz	2402.000000	6.6	30.0	PASS
BT-5 [1Mbps]; 2440MHz	2440.000000	6.5	30.0	PASS
BT-5 [1Mbps]; 2480MHz	2480.000000	6.1	30.0	PASS

Remark: Results for operation mode 2

RF output power (2402 MHz; BT-5 [1Mbps] ;1 MHz)

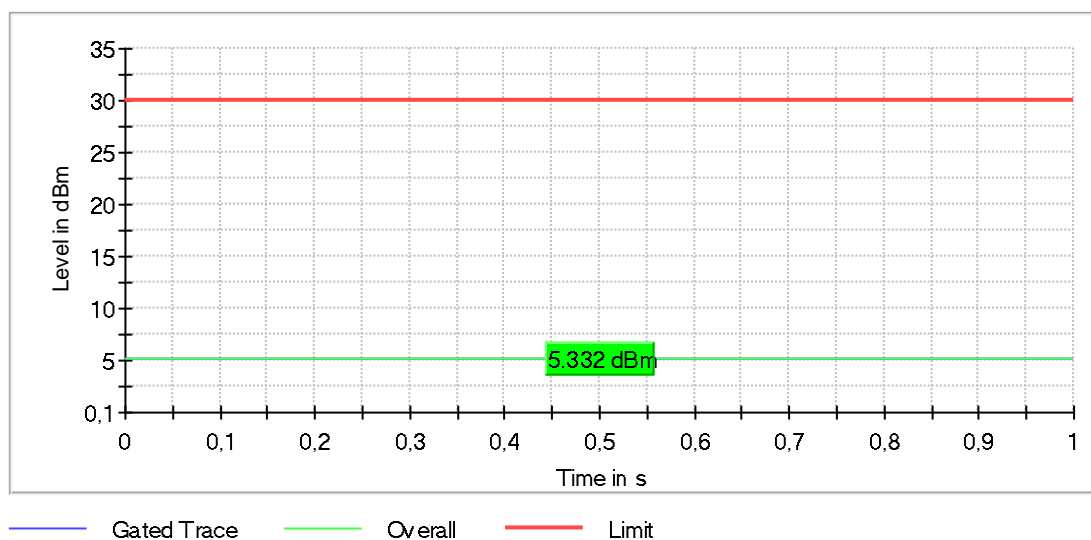
Test according to FCC title 47 part 15 §15.247(b), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
2402.000000	5.3	30.0	5.3	100.000	PASS

Remark: Results for operation mode 1

Gated Trace



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 (2440 MHz; BT-5 [1Mbps] ;1 MHz)

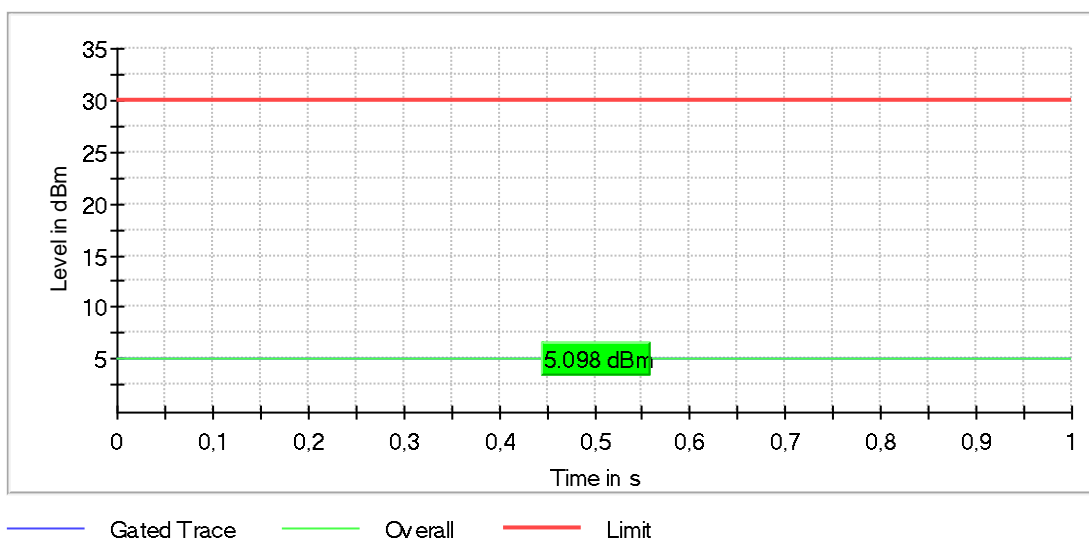
Test according to FCC title 47 part 15 §15.247(b), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
2440.000000	5.1	30.0	5.1	100.000	PASS

Remark: Results for operation mode 1

Gated Trace



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 (2480 MHz; BT-5 [1Mbps] ;1 MHz)

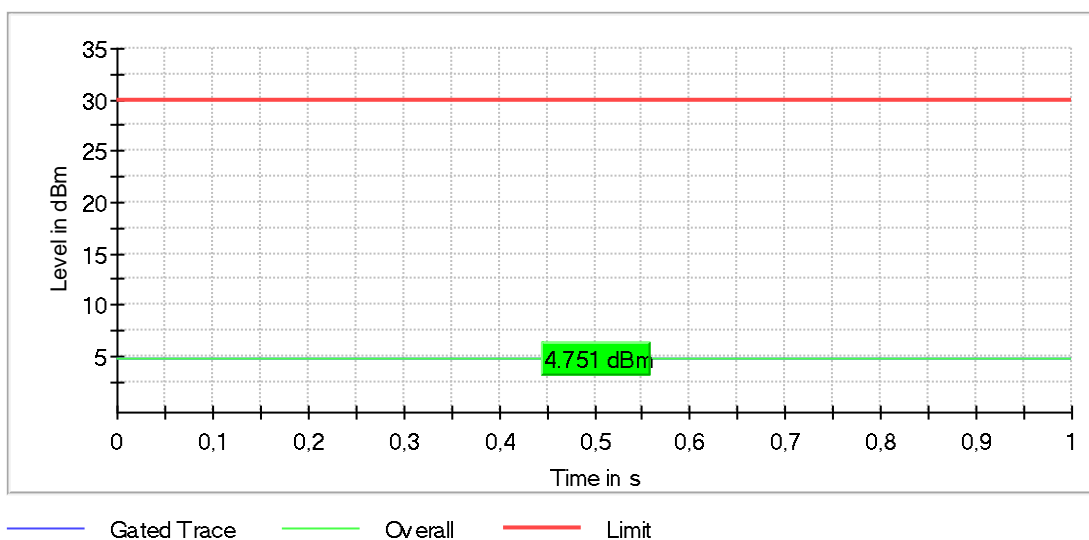
Test according to FCC title 47 part 15 §15.247(b), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
2480.000000	4.8	30.0	4.8	100.000	PASS

Remark: Results for operation mode 1

Gated Trace



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

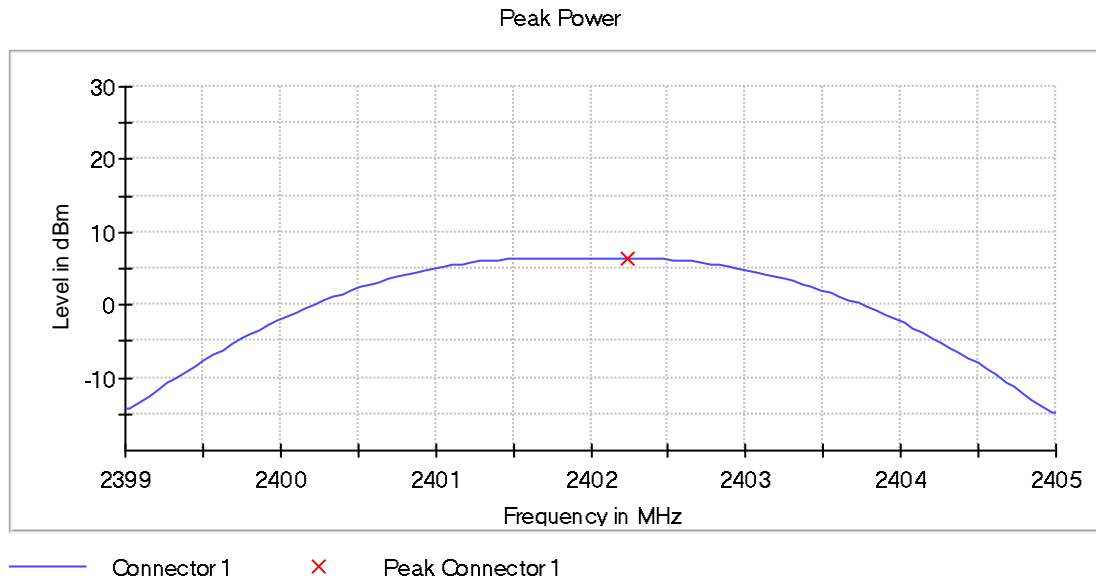
Peak output power (Sweep) (2402 MHz; BT-5 [1Mbps] ;1 MHz)

Test according to FCC title 47 part 15 §15.247(b), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Peak Power (dBm)	Limit Max (dBm)	Result
2402.000000	6.4	30.0	PASS

Remark: Results for operation mode 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	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
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	0.03 dB	0.50 dB

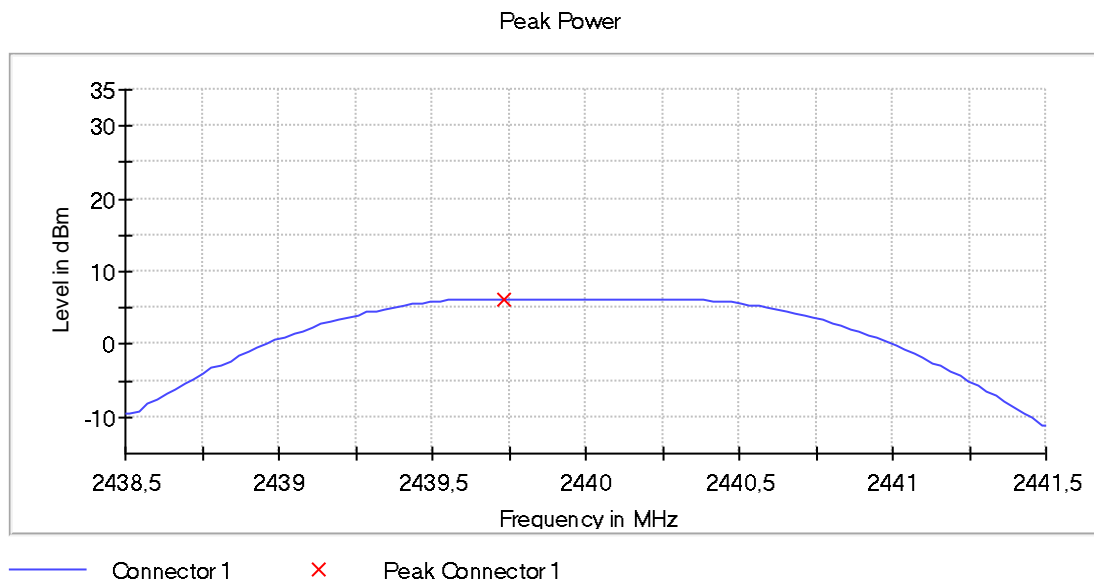
Peak output power (Sweep) (2440 MHz; BT-5 [1Mbps] ;1 MHz)

Test according to FCC title 47 part 15 §15.247(b), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Peak Power (dBm)	Limit Max (dBm)	Result
2440.000000	6.3	30.0	PASS

Remark: Results for operation mode 1



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	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
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	0.08 dB	0.50 dB

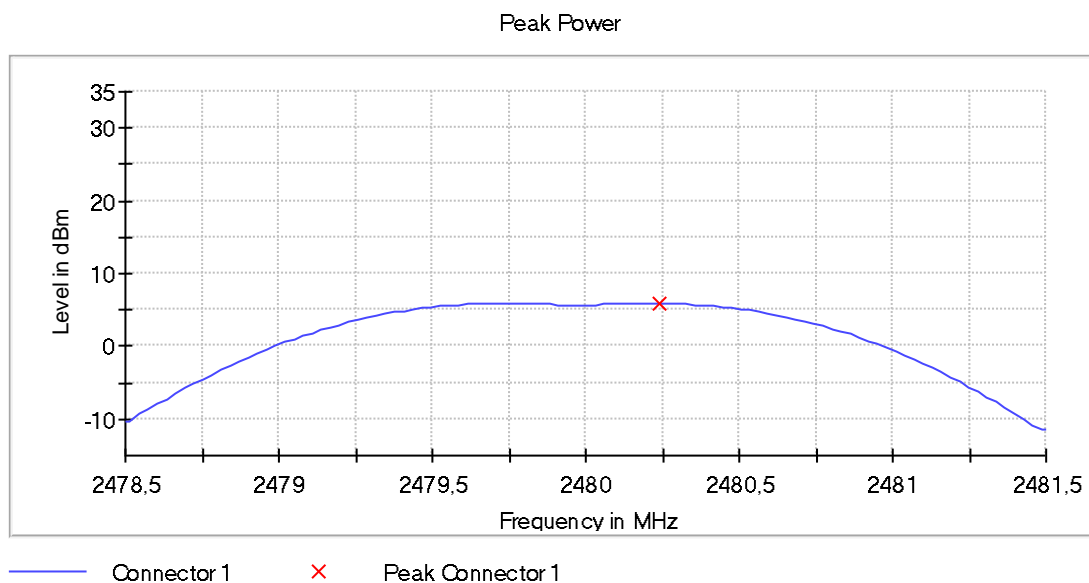
Peak output power (Sweep) (2480 MHz; BT-5 [1Mbps] ;1 MHz)

Test according to FCC title 47 part 15 §15.247(b), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

Result

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

Remark: Results for operation mode 1



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	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
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	0.13 dB	0.50 dB

Minimum Emission Bandwidth 6 dB (2402 MHz; BT-5 [1Mbps] ;1 MHz)

Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

6 dB Bandwidth

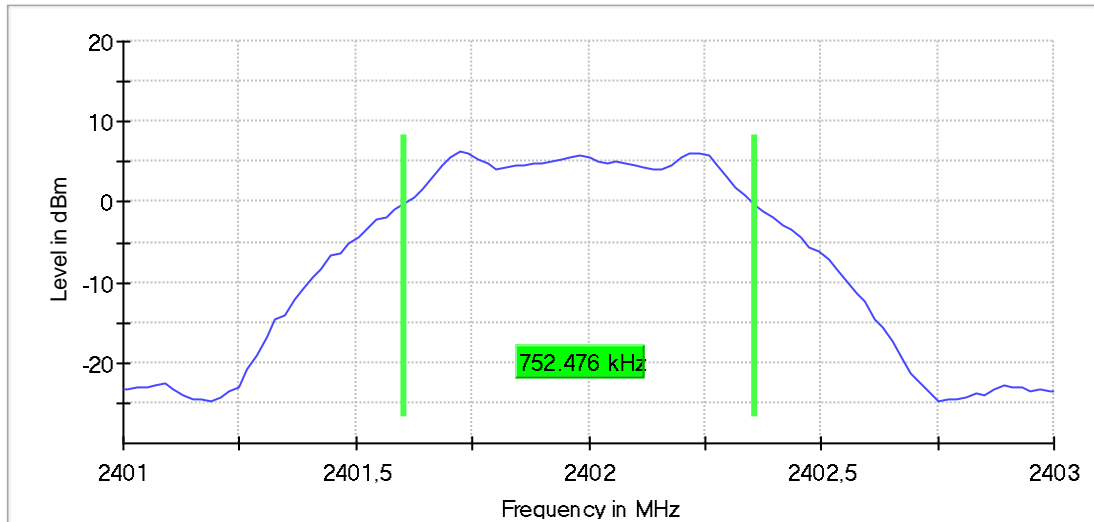
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2402.000000	0.752476	0.500000	---	2401.603960	2402.356436

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

DUT Frequency (MHz)	Max Level (dBm)	Result
2402.000000	6.2	PASS

Remark: Results for operation mode 1

6 dB Bandwidth



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	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	101	~ 40
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
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	16 / 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-5 [1Mbps] ;1 MHz)

Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

6 dB Bandwidth

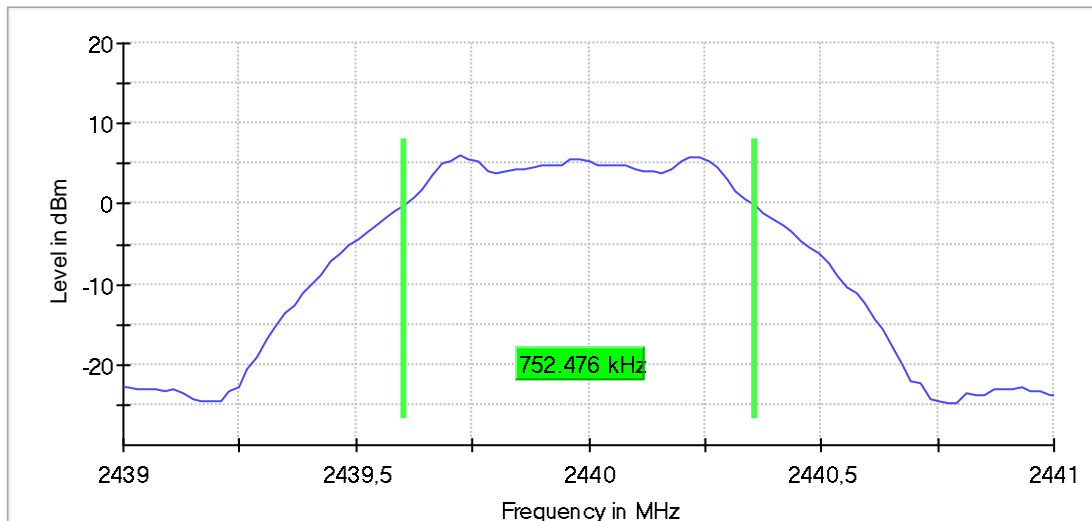
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2440.000000	0.752476	0.500000	---	2439.603960	2440.356436

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

DUT Frequency (MHz)	Max Level (dBm)	Result
2440.000000	6.1	PASS

Remark: Results for operation mode 1

6 dB Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.43900 GHz	2.43900 GHz
Stop Frequency	2.44100 GHz	2.44100 GHz
Span	2.000 MHz	2.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	101	~ 40
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
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	9 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.10 dB	0.50 dB

Minimum Emission Bandwidth 6 dB (2480 MHz; BT-5 [1Mbps] ;1 MHz)

Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

6 dB Bandwidth

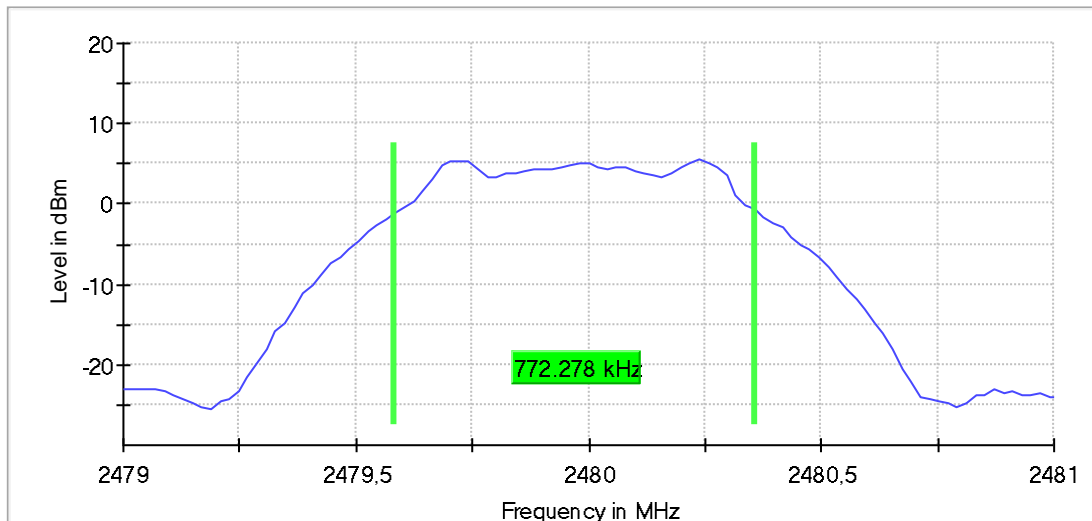
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2480.000000	0.772278	0.500000	---	2479.584158	2480.356436

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

DUT Frequency (MHz)	Max Level (dBm)	Result
2480.000000	5.5	PASS

Remark: Results for operation mode 1

6 dB Bandwidth



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	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	101	~ 40
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
Preamp	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	0.39 dB	0.50 dB

Peak Power Spectral Density (2402 MHz; BT-5 [1Mbps] ;1 MHz)

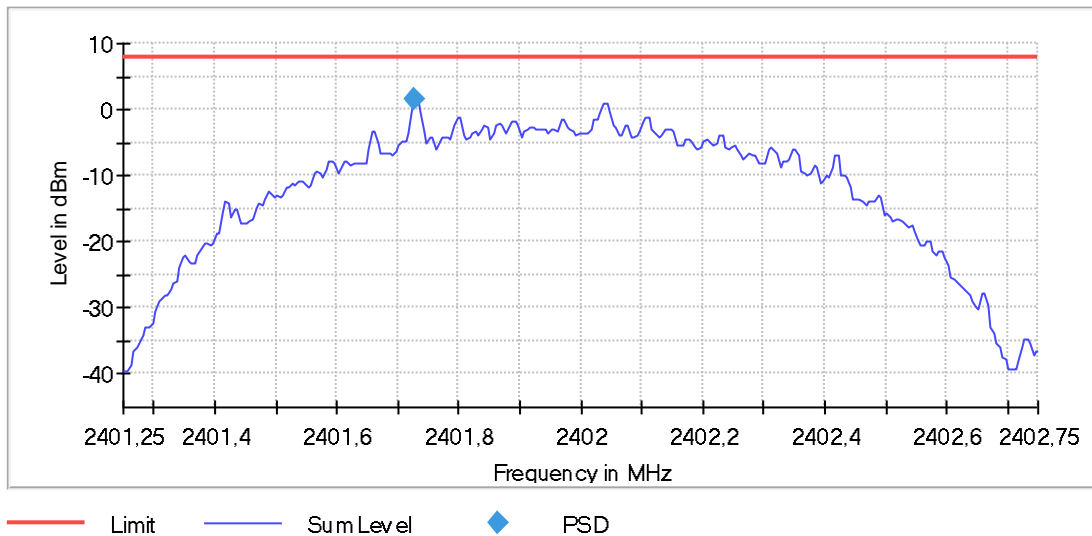
Test according to FCC title 47 part 15 §15.247(a),(e), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2402.000000	2401.727500	1.689	8.0	PASS

Remark: Results for operation mode 1

Peak Power Spectral Density



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.40125 GHz	2.40125 GHz
Stop Frequency	2.40275 GHz	2.40275 GHz
Span	1.500 MHz	1.500 MHz
RBW	10.000 kHz	<= 10.000 kHz
VBW	30.000 kHz	>= 30.000 kHz
SweepPoints	300	~ 300
SweepTime	1.500 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	Sweep
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	21 / max. 150	max. 150
Stable	2 / 2	2
Max Stable Difference	0.43 dB	0.50 dB

Peak Power Spectral Density (2440 MHz; BT-5 [1Mbps] ;1 MHz)

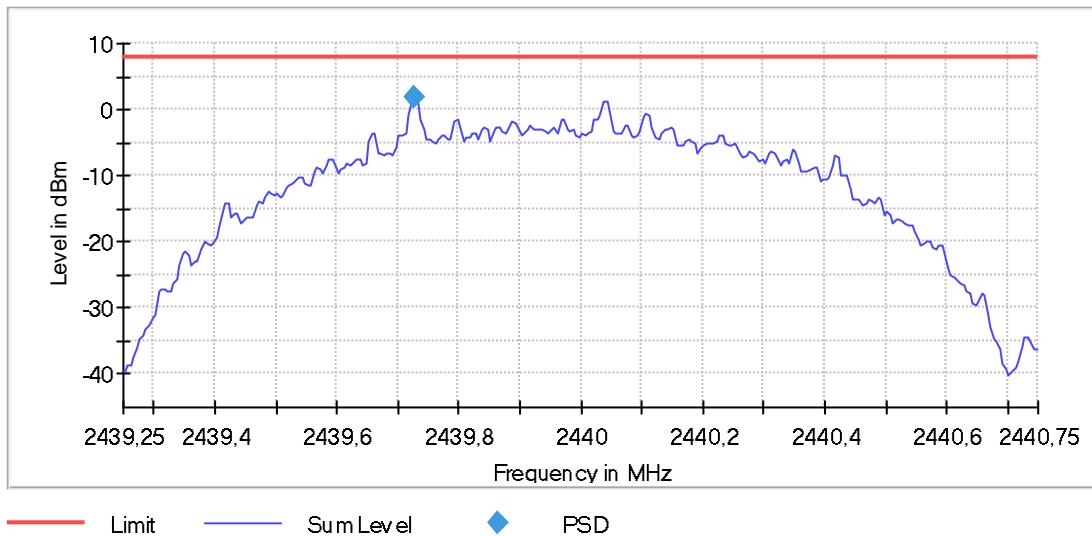
Test according to FCC title 47 part 15 §15.247(a),(e), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2440.000000	2439.727500	1.751	8.0	PASS

Remark: Results for operation mode 1

Peak Power Spectral Density



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.43925 GHz	2.43925 GHz
Stop Frequency	2.44075 GHz	2.44075 GHz
Span	1.500 MHz	1.500 MHz
RBW	10.000 kHz	<= 10.000 kHz
VBW	30.000 kHz	>= 30.000 kHz
SweepPoints	300	~ 300
SweepTime	1.500 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	Sweep
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	28 / max. 150	max. 150
Stable	2 / 2	2
Max Stable Difference	0.22 dB	0.50 dB

Peak Power Spectral Density (2480 MHz; BT-5 [1Mbps] ;1 MHz)

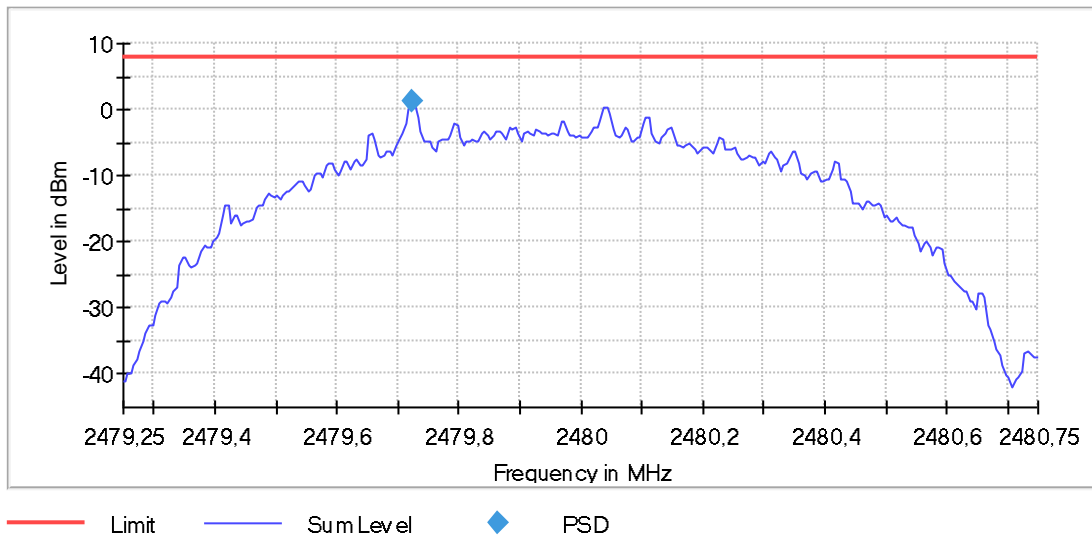
Test according to FCC title 47 part 15 §15.247(a),(e), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2480.000000	2479.722500	1.321	8.0	PASS

Remark: Results for operation mode 1

Peak Power Spectral Density



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.47925 GHz	2.47925 GHz
Stop Frequency	2.48075 GHz	2.48075 GHz
Span	1.500 MHz	1.500 MHz
RBW	10.000 kHz	<= 10.000 kHz
VBW	30.000 kHz	>= 30.000 kHz
SweepPoints	300	~ 300
SweepTime	1.500 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	Sweep
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	20 / max. 150	max. 150
Stable	2 / 2	2
Max Stable Difference	0.43 dB	0.50 dB

Power Spectral Density (2402 MHz; BT-5 [1Mbps] ;1 MHz)

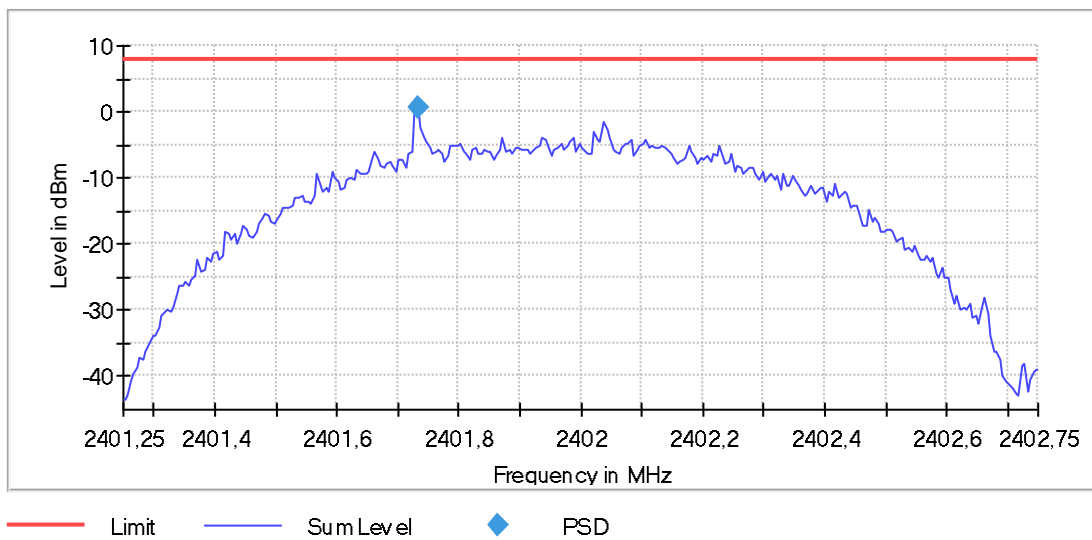
Test according to FCC title 47 part 15 §15.247(a),(e), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2402.000000	2401.732500	0.593	8.0	PASS

Remark: Results for operation mode 1

Power Spectral Density



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.40125 GHz	2.40125 GHz
Stop Frequency	2.40275 GHz	2.40275 GHz
Span	1.500 MHz	1.500 MHz
RBW	10.000 kHz	<= 10.000 kHz
VBW	30.000 kHz	>= 30.000 kHz
SweepPoints	300	~ 300
Sweeptime	6.000 ms	6.000 ms
Reference Level	0.000 dBm	0.000 dBm
Attenuation	10.000 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	76 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.50 dB

Power Spectral Density (2440 MHz; BT-5 [1Mbps] ;1 MHz)

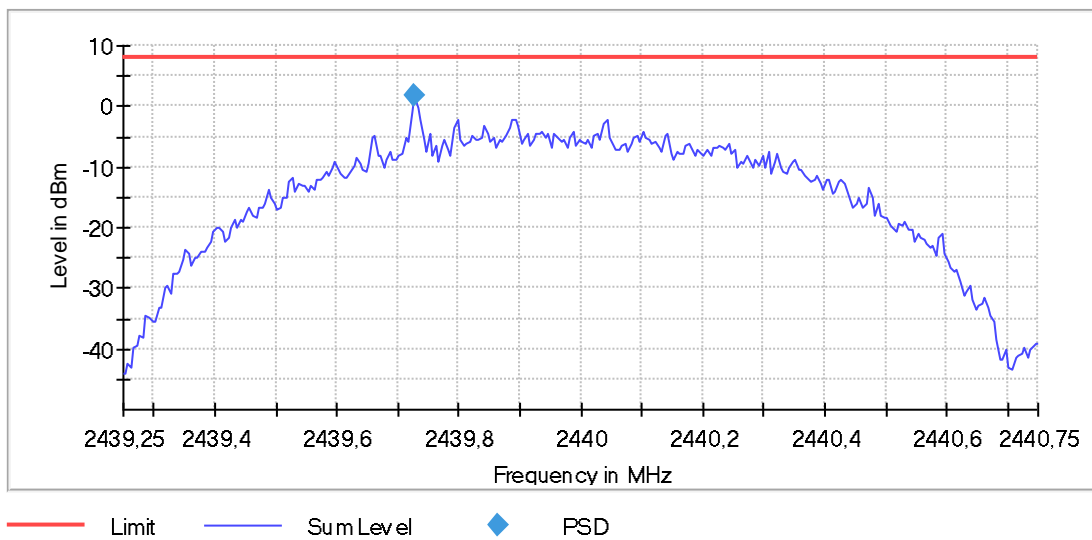
Test according to FCC title 47 part 15 §15.247(a),(e), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2440.000000	2439.727500	1.614	8.0	PASS

Remark: Results for operation mode 1

Power Spectral Density



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.43925 GHz	2.43925 GHz
Stop Frequency	2.44075 GHz	2.44075 GHz
Span	1.500 MHz	1.500 MHz
RBW	10.000 kHz	<= 10.000 kHz
VBW	30.000 kHz	>= 30.000 kHz
SweepPoints	300	~ 300
Sweeptime	6.000 ms	6.000 ms
Reference Level	0.000 dBm	0.000 dBm
Attenuation	10.000 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	50 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.50 dB

Power Spectral Density (2480 MHz; BT-5 [1Mbps] ;1 MHz)

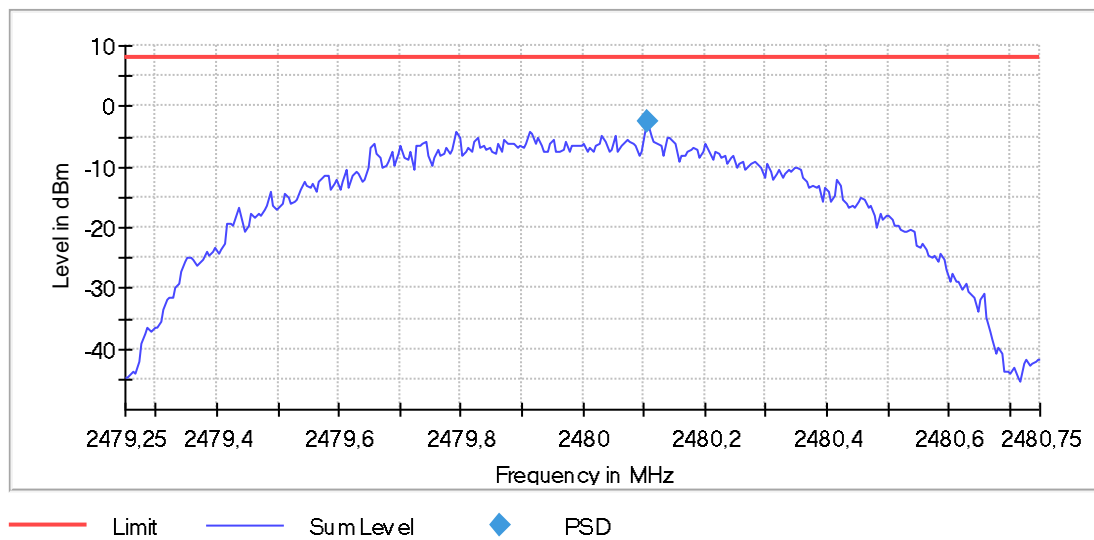
Test according to FCC title 47 part 15 §15.247(a),(e), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2480.000000	2480.107500	-2.453	8.0	PASS

Remark: Results for operation mode 1

Power Spectral Density



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.47925 GHz	2.47925 GHz
Stop Frequency	2.48075 GHz	2.48075 GHz
Span	1.500 MHz	1.500 MHz
RBW	10.000 kHz	<= 10.000 kHz
VBW	30.000 kHz	>= 30.000 kHz
SweepPoints	300	~ 300
SweepTime	6.000 ms	6.000 ms
Reference Level	0.000 dBm	0.000 dBm
Attenuation	10.000 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	37 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.50 dB

Occupied Channel Bandwidth 99% (2402 MHz; BT-5 [1Mbps] ;1 MHz)

Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

99 % Bandwidth

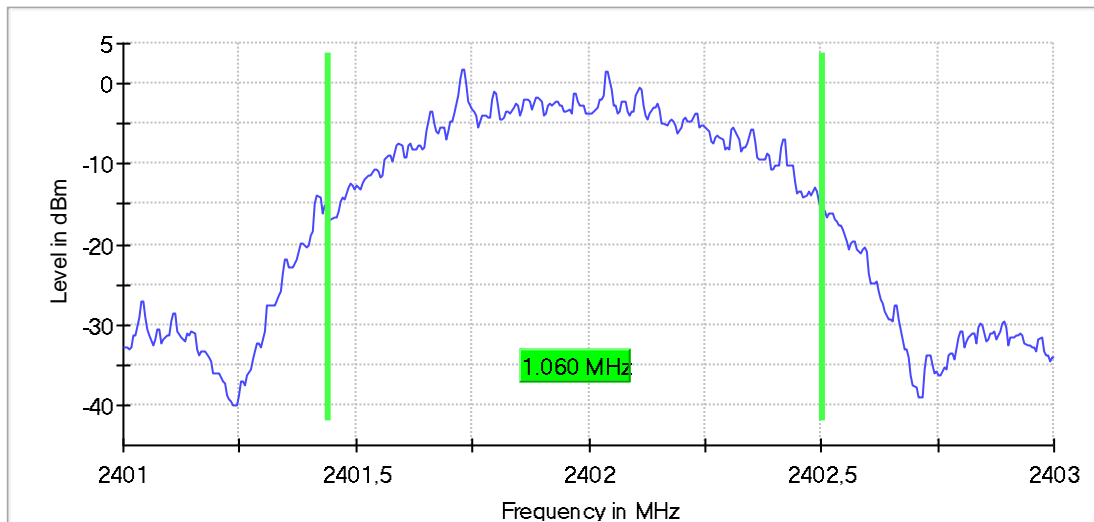
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2402.000000	1.060000	---	---	2401.442500	2402.502500

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

DUT Frequency (MHz)	Result
2402.000000	PASS

Remark: Results for operation mode 1

99 %Bandwidth



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	2.000 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
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	50 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.27 dB	0.30 dB

Occupied Channel Bandwidth 99% (2440 MHz; BT-5 [1Mbps] ;1 MHz)

Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

99 % Bandwidth

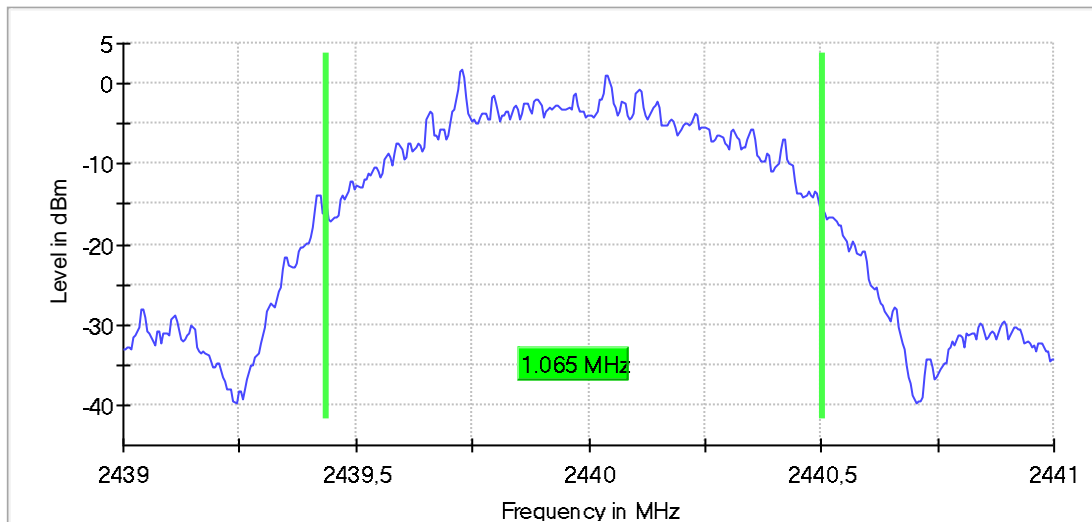
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2440.000000	1.065000	---	---	2439.437500	2440.502500

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

DUT Frequency (MHz)	Result
2440.000000	PASS

Remark: Results for operation mode 1

99 %Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.43900 GHz	2.43900 GHz
Stop Frequency	2.44100 GHz	2.44100 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	2.000 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
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	32 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.29 dB	0.30 dB

Occupied Channel Bandwidth 99% (2480 MHz; BT-5 [1Mbps] ;1 MHz)

Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

99 % Bandwidth

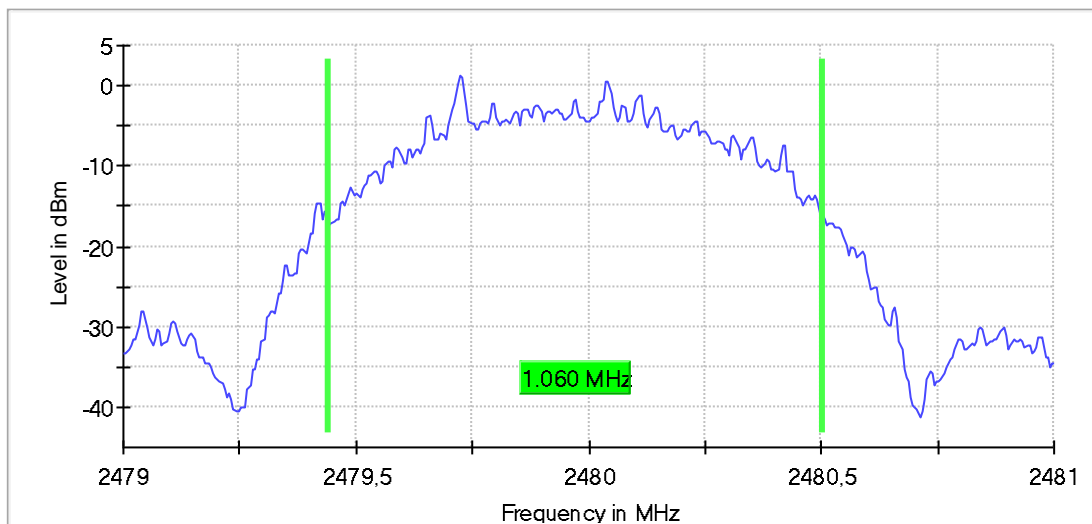
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2480.000000	1.060000	---	---	2479.442500	2480.502500

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

DUT Frequency (MHz)	Result
2480.000000	PASS

Remark: Results for operation mode 1

99 %Bandwidth



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	2.000 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
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	44 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.19 dB	0.30 dB

Tx Spurious Emission (2402 MHz; BT-5 [1Mbps] (0 dBm); 1 MHz)

Test according to FCC title 47 part 15 §15.247(d), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Result
2402.000000	PASS

Remark: Results for operation mode 1

Final measurements

Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
2399.958664	2.2	-51.3	-27.8	23.5	PASS

Remark: Results for operation mode 1

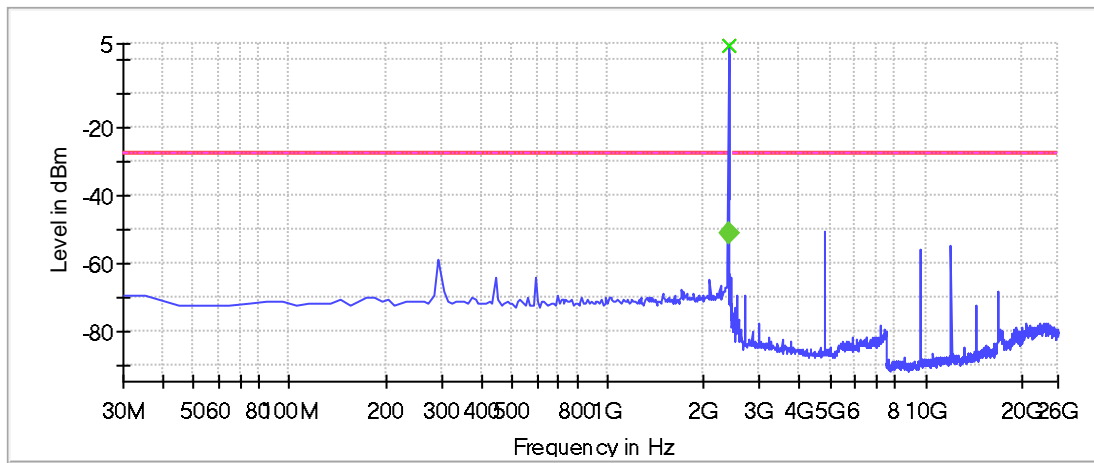
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
2395.021008	4.2	-32.0	-27.8
4807.166065	-50.3	22.6	-27.8
12013.029431	-54.9	27.1	-27.8
9604.412133	-55.8	28.0	-27.8
293.886555	-58.9	31.1	-27.8
2385.063025	-61.6	33.8	-27.8
443.256303	-64.2	36.4	-27.8
592.626050	-64.4	36.6	-27.8
2096.281513	-64.9	37.1	-27.8
2375.105042	-65.2	37.4	-27.8
2255.609244	-66.4	38.6	-27.8
2365.147059	-67.2	39.5	-27.8
2355.189076	-67.3	39.5	-27.8
2345.231092	-67.3	39.6	-27.8
1707.920168	-67.7	39.9	-27.8

Measurement Settings

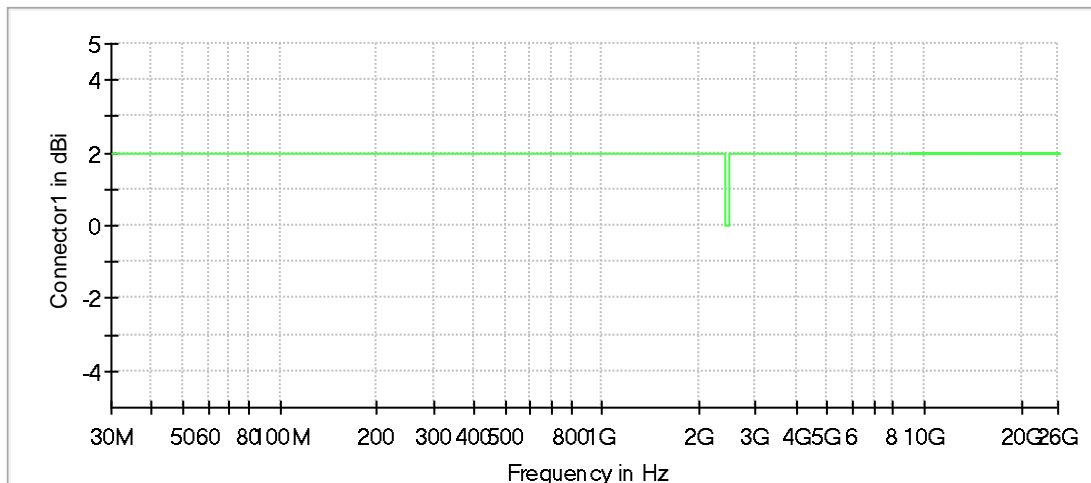
Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
30.000000	2400.000000	1	1
2400.000000	2483.500000	1	1
2483.500000	26000.000000	1	1

Spurious



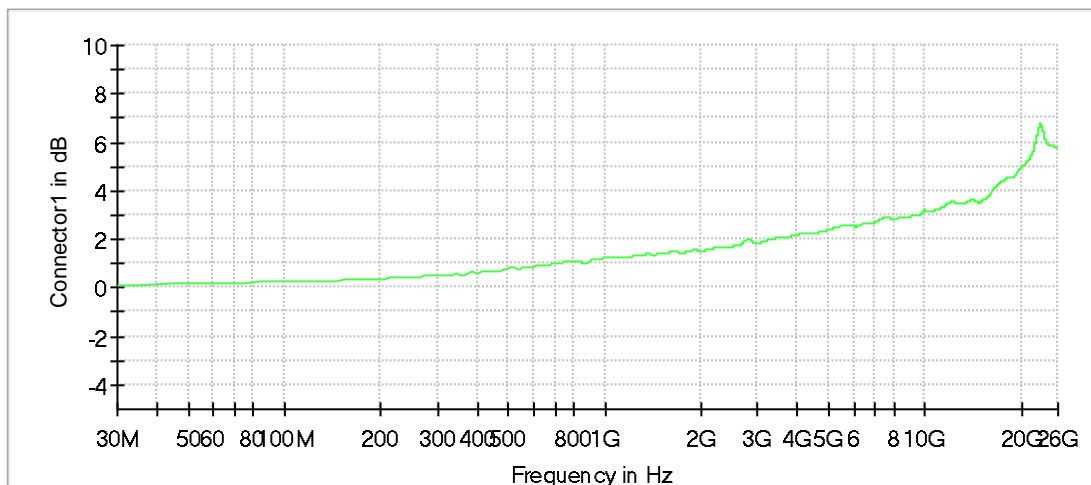
- Limit
- Sum Level
- - - Threshold
- x Critical
- x Final Critical
- ◆ Fail
- ◆ Pass

Gain



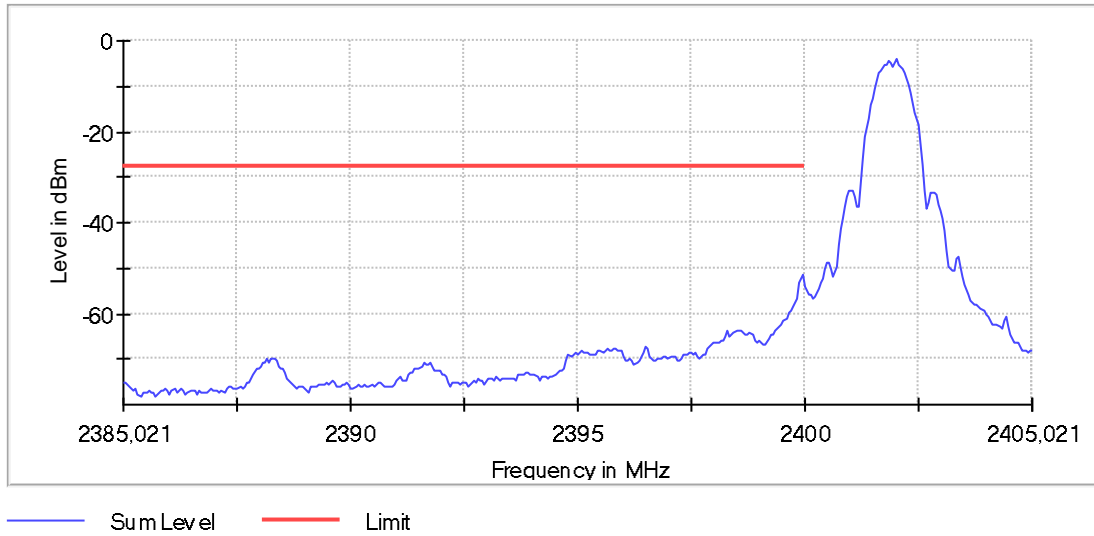
Connector1

Attenuation



Connector1

FinalMeas_2395021008Hz



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	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	1.000 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	10.000 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-5 [1Mbps] (0 dBm); 1 MHz)

Test according to FCC title 47 part 15 §15.247(d), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Result
2440.000000	PASS

Remark: Results for operation mode 1

Final measurements

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

Remark: Results for operation mode 1

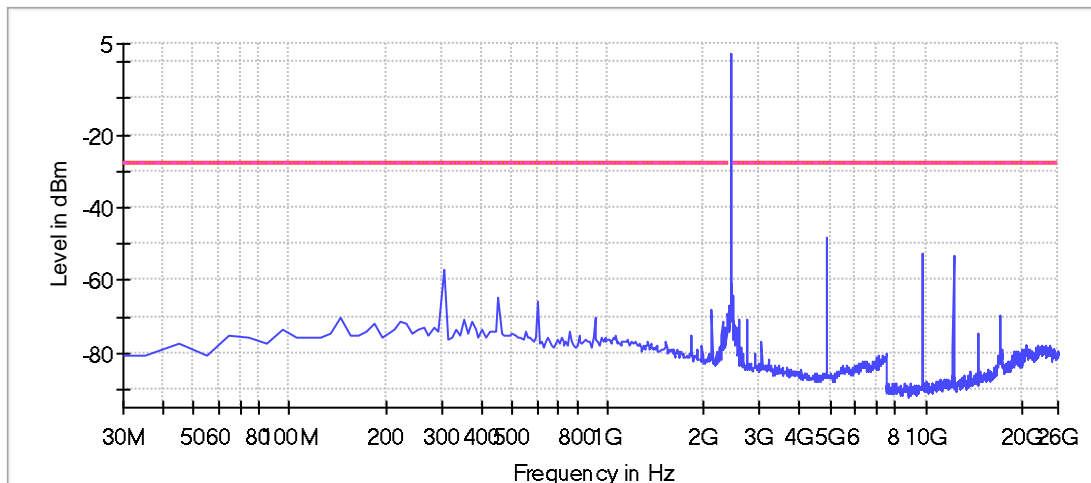
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
4877.125903	-48.2	20.4	-27.9
9764.320336	-52.6	24.7	-27.9
12202.920421	-53.5	25.6	-27.9
9754.326073	-55.3	27.4	-27.9
303.844538	-57.0	29.1	-27.9
453.214286	-65.0	37.1	-27.9
602.584034	-65.8	38.0	-27.9
2126.155462	-68.2	40.3	-27.9
2385.063025	-69.4	41.5	-27.9
17080.120591	-69.7	41.8	-27.9
911.281513	-70.4	42.5	-27.9
144.516807	-70.5	42.7	-27.9
2588.439758	-70.6	42.7	-27.9
2748.347960	-70.9	43.0	-27.9
353.634454	-71.1	43.2	-27.9

Measurement Settings

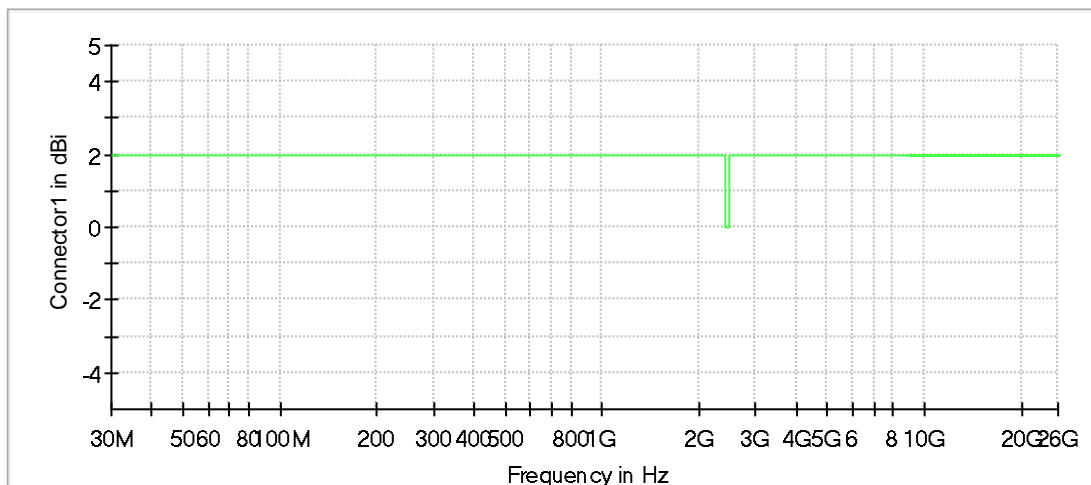
Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
30.000000	2400.000000	1	1
2400.000000	2483.500000	1	1
2483.500000	26000.000000	1	1

Spurious



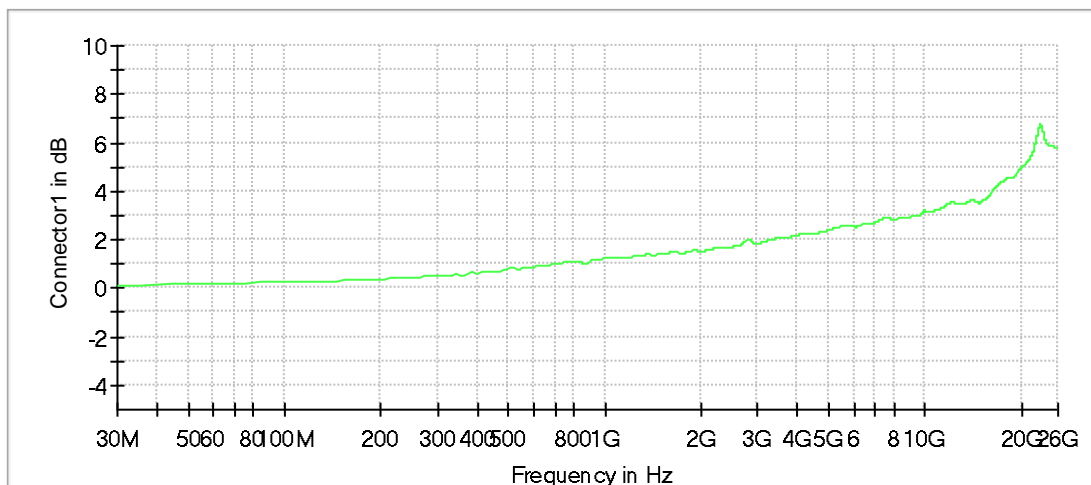
— Limit — Sum Level - - - Threshold × Critical × Final Critical

Gain



— Connector1

Attenuation



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	4 / max. 40	max. 40
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.50 dB

Tx Spurious Emission (2480 MHz; BT-5 [1Mbps] (0 dBm); 1 MHz)

Test according to FCC title 47 part 15 §15.247(d), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Result
2480.000000	PASS

Remark: Results for operation mode 1

Final measurements

Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
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Remark: Results for operation mode 1

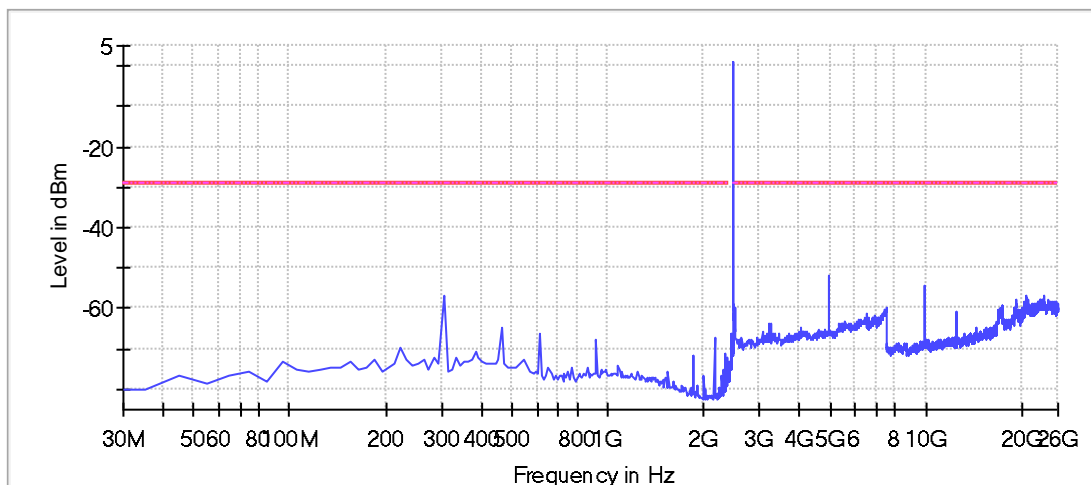
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
4957.080004	-51.7	22.6	-29.1
9914.234275	-54.3	25.2	-29.1
9924.228538	-54.3	25.2	-29.1
303.844538	-56.7	27.6	-29.1
20558.123991	-56.8	27.7	-29.1
23476.448683	-57.0	27.9	-29.1
20508.152677	-57.4	28.3	-29.1
20538.135465	-57.4	28.3	-29.1
22916.769975	-57.6	28.5	-29.1
24365.938058	-57.7	28.7	-29.1
23126.649490	-57.8	28.8	-29.1
21077.825648	-57.9	28.8	-29.1
20548.129728	-57.9	28.9	-29.1
23036.701126	-58.0	28.9	-29.1
19088.967382	-58.0	28.9	-29.1

Measurement Settings

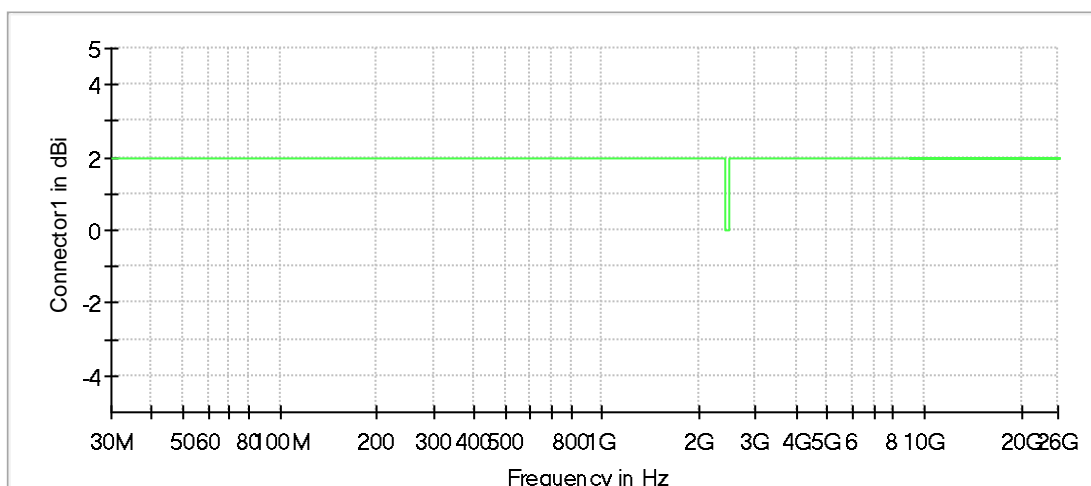
Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
30.000000	2400.000000	1	1
2400.000000	2483.500000	1	1
2483.500000	26000.000000	1	1

Spurious



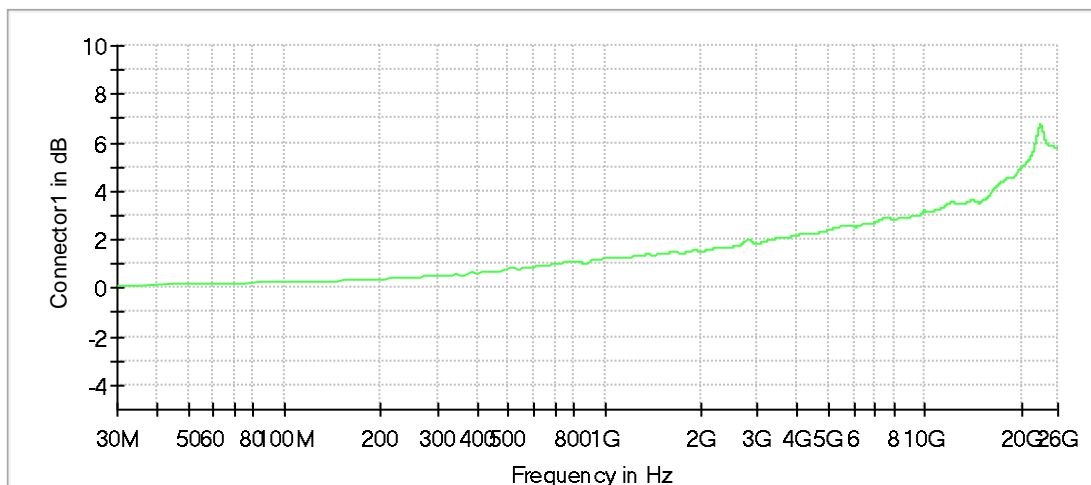
— Limit — Sum Level - - - Threshold × Critical × Final Critical

Gain



— Connector1

Attenuation



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	4 / max. 40	max. 40
Stable	3 / 3	3
Max Stable Difference	0.10 dB	0.50 dB

RF output power (2402 MHz; BT-5 [1Mbps] (0 dBm); 1 MHz)

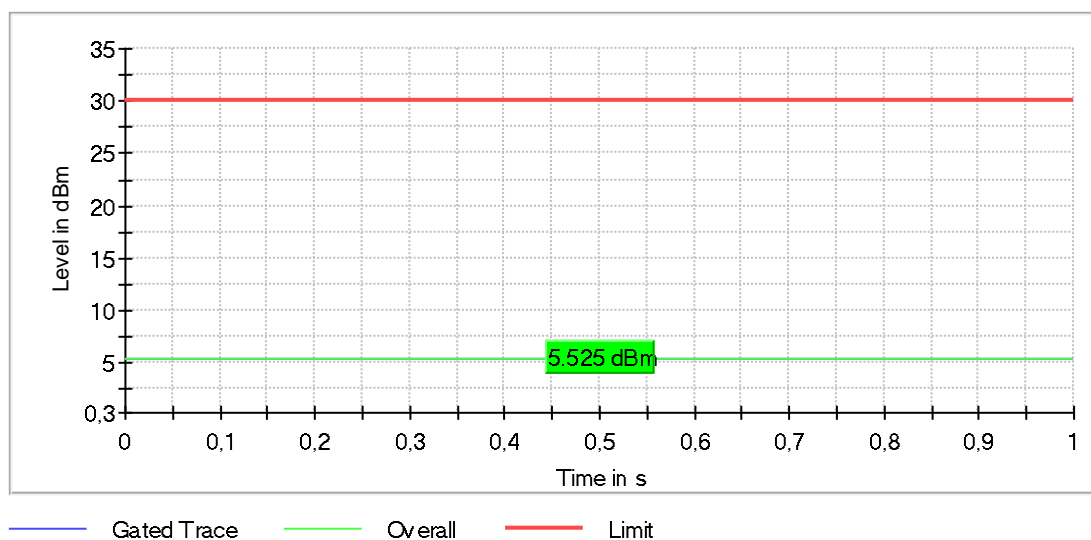
Test according to FCC title 47 part 15 §15.247(b), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
2402.000000	5.5	30.0	5.5	100.000	PASS

Remark: Results for operation mode 2

Gated Trace



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 (2440 MHz; BT-5 [1Mbps] (0 dBm); 1 MHz)

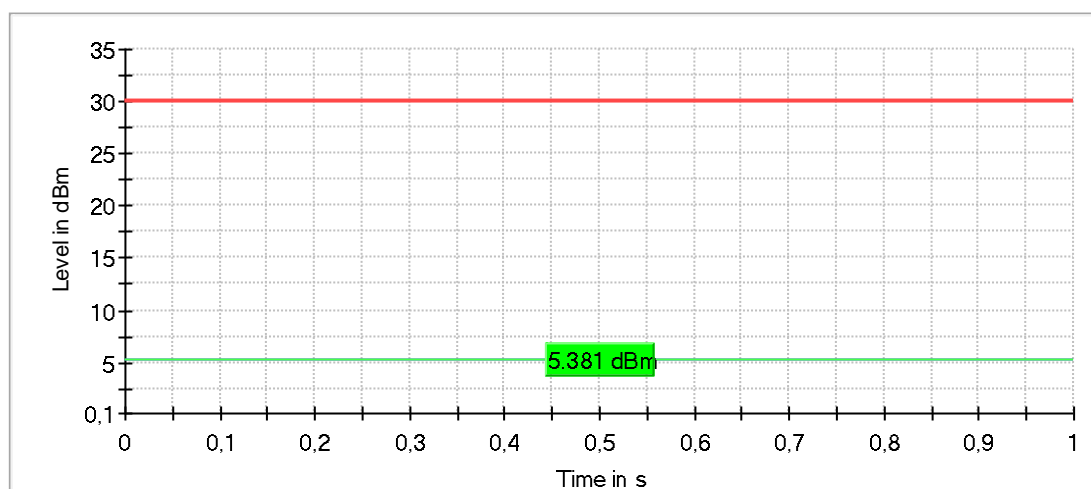
Test according to FCC title 47 part 15 §15.247(b), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
2440.000000	5.4	30.0	5.4	100.000	PASS

Remark: Results for operation mode 2

Gated Trace



— Gated Trace — Overall — Limit

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 (2480 MHz; BT-5 [1Mbps] (0 dBm); 1 MHz)

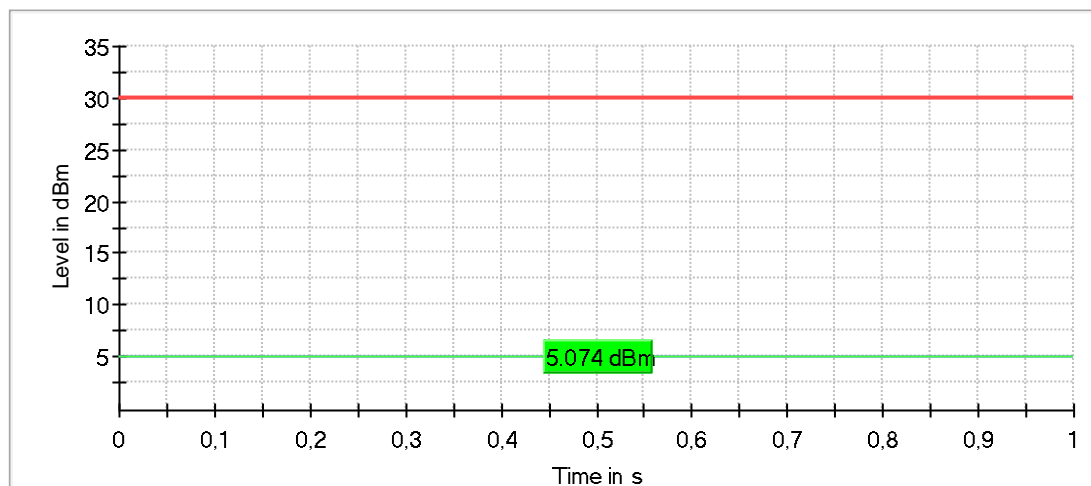
Test according to FCC title 47 part 15 §15.247(b), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
2480.000000	5.1	30.0	5.1	100.000	PASS

Remark: Results for operation mode 2

Gated Trace



— Gated Trace — Overall — Limit

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

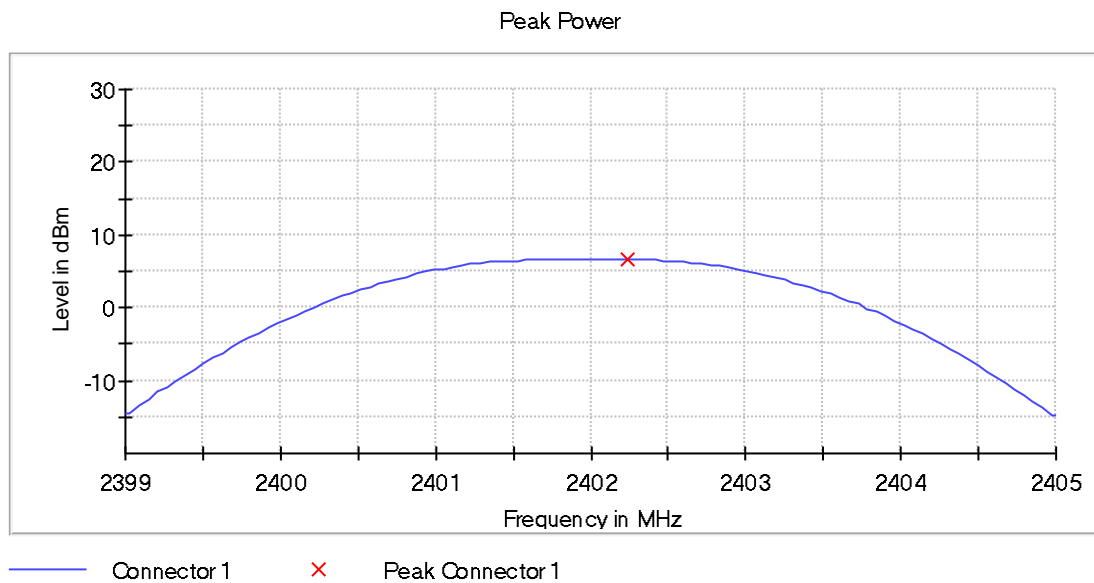
Peak output power (Sweep) (2402 MHz; BT-5 [1Mbps] (0 dBm); 1 MHz)

Test according to FCC title 47 part 15 §15.247(b), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Peak Power (dBm)	Limit Max (dBm)	Result
2402.000000	6.6	30.0	PASS

Remark: Results for operation mode 2



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	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
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

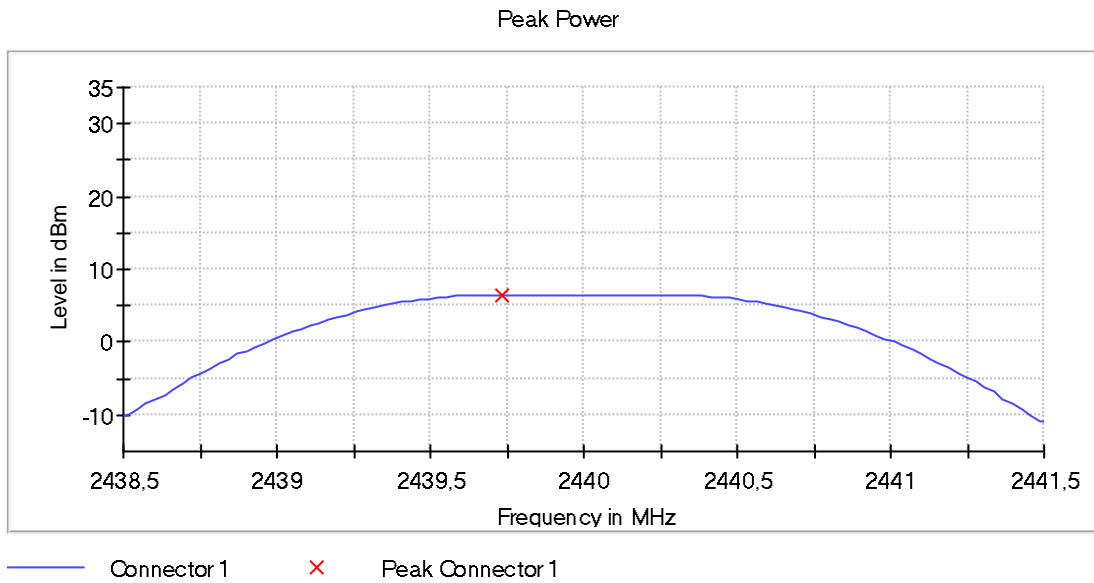
Peak output power (Sweep) (2440 MHz; BT-5 [1Mbps] (0 dBm); 1 MHz)

Test according to FCC title 47 part 15 §15.247(b), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Peak Power (dBm)	Limit Max (dBm)	Result
2440.000000	6.5	30.0	PASS

Remark: Results for operation mode 2



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	>= 732.675 kHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	101	~ 101
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
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	0.07 dB	0.50 dB

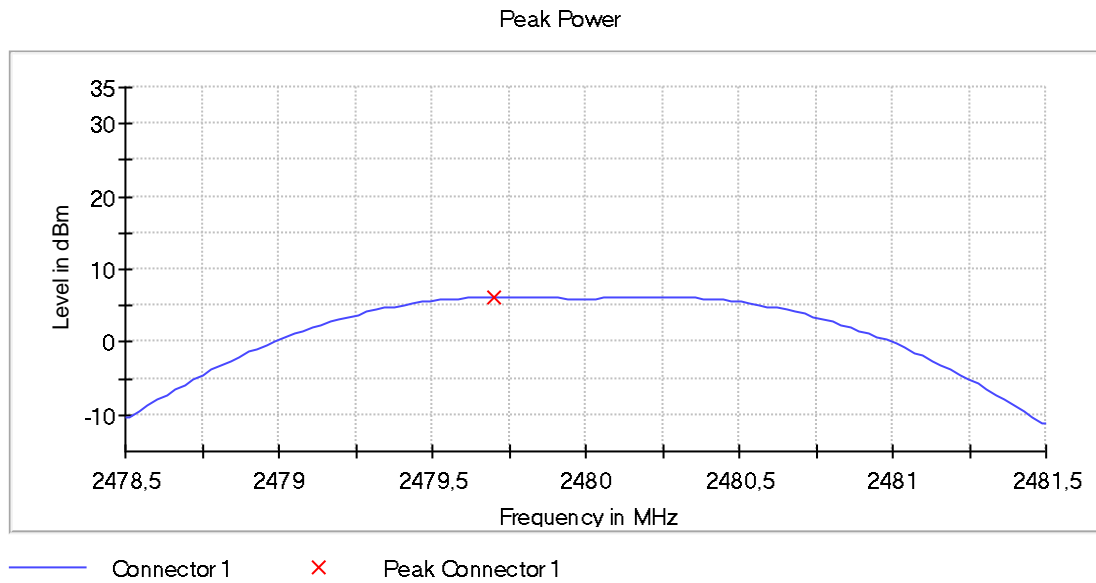
Peak output power (Sweep) (2480 MHz; BT-5 [1Mbps] (0 dBm); 1 MHz)

Test according to FCC title 47 part 15 §15.247(b), KDB 558074 D01 DTS Meas Guidance v05r02 and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Peak Power (dBm)	Limit Max (dBm)	Result
2480.000000	6.1	30.0	PASS

Remark: Results for operation mode 2



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	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
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	0.08 dB	0.50 dB

End Of Annex 1