Annex 1: Measurement diagrams to
T E S T R E P O R T
No.: 18-1-0081401T01a-C1

According to:

FCC Regulations
Part 15.205, Part 15.209
Part 15.247

ISED-Regulations
RSS-Gen Issue 5
RSS-247 Issue 2

for

Miele & Cie. KG

Wireless food Probe System
(Host H6880-2BP)

FCC ID: SSVNAEPI02
ISED: 5669B-NAEPI02

Laboratory Accreditation and Listings
ilac-MRA DAkkS Deutsche Akkreditierungsstelle D-PL-12047-01-01 D-PL-12047-01-03 D-PL-12047-01-04 Accredited EMC-Test Laboratory
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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Laboratory Radio Communications & Electromagnetic Compatibility
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1. Conducted emissions on AC-Power lines

Diagram 1.01

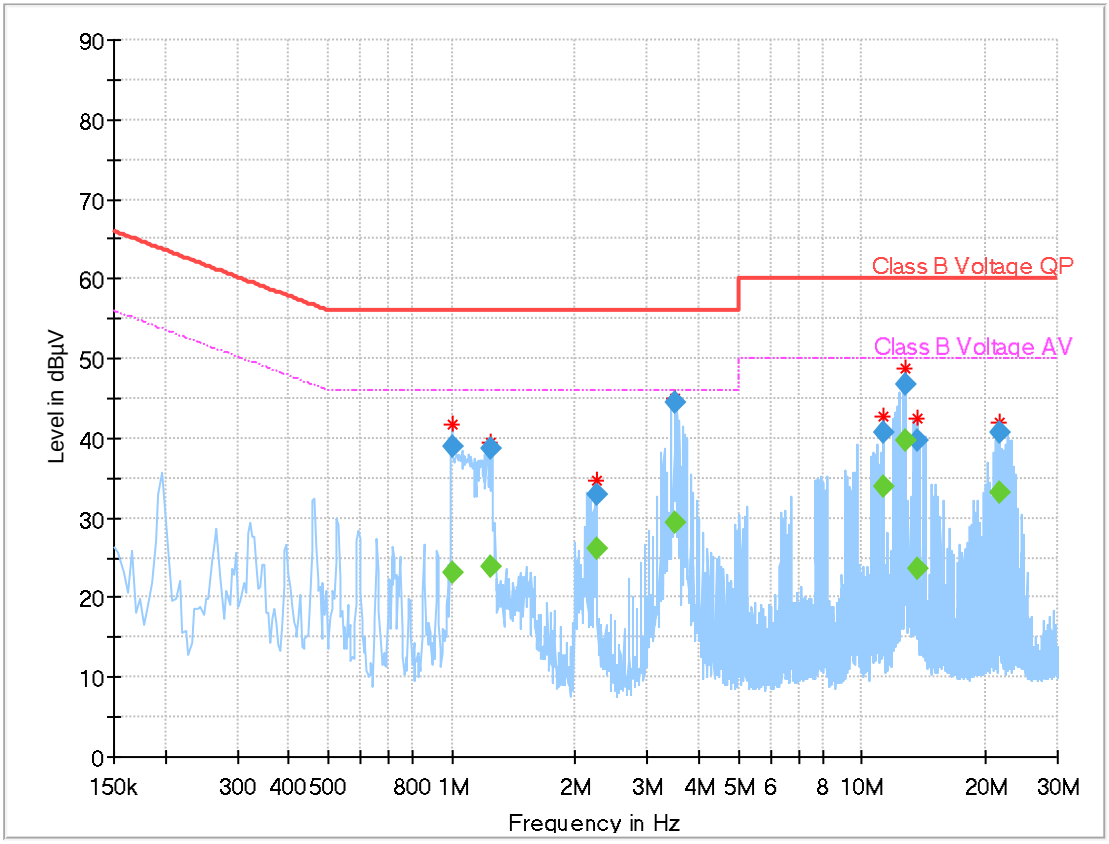
Common Information

Test Description:	Conducted Voltage Measurement Class B
Test Site & Location:	Conducted Emission, CETECOM GmbH Essen
Test Software:	R&S EMC32 v9.15
Test Specification:	FCC 15.207 / RSS-Gen, Issue 5
Operating Mode:	Normal Hopping Mode
Measured on line:	N/L1
Diagram details:	Shows the peak values as a sum of measured ports in max-hold mode
Environmental Conditions:	Humidity: 45%rH; Temperature: 20°C
Operator:	Mah/LKu
Comments:	

EUT Information

Manufacturer:	Miele
EUT Model:	EPI7684
HW:	
SW;	
Serial Nr.:	0000154-18-08
Conected Devices:	120VAC - Oven H6880-2BP

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	PE
1.004063	---	23.17	46.00	22.83	1000.0	9.000	N	GND
1.004063	38.97	---	56.00	17.03	1000.0	9.000	N	GND
1.244063	---	23.82	46.00	22.18	1000.0	9.000	N	GND
1.244063	38.65	---	56.00	17.35	1000.0	9.000	N	GND
2.250156	32.83	---	56.00	23.17	1000.0	9.000	N	GND
2.250156	---	26.15	46.00	19.85	1000.0	9.000	N	GND
3.512344	44.44	---	56.00	11.56	1000.0	9.000	N	GND
3.512344	---	29.37	46.00	16.63	1000.0	9.000	N	GND
11.242344	---	33.97	50.00	16.03	1000.0	9.000	N	GND
11.242344	40.74	---	60.00	19.26	1000.0	9.000	N	GND
12.738438	---	39.78	50.00	10.22	1000.0	9.000	N	GND
12.738438	46.81	---	60.00	13.19	1000.0	9.000	N	GND
13.678750	39.78	---	60.00	20.22	1000.0	9.000	L1	GND
13.678750	---	23.72	50.00	26.28	1000.0	9.000	L1	GND
21.729531	40.68	---	60.00	19.32	1000.0	9.000	L1	GND
21.729531	---	33.24	50.00	16.76	1000.0	9.000	L1	GND

2. Conducted Measurements

2.1. Conducted Power

2.1.1. MSK-Data Rate WFP

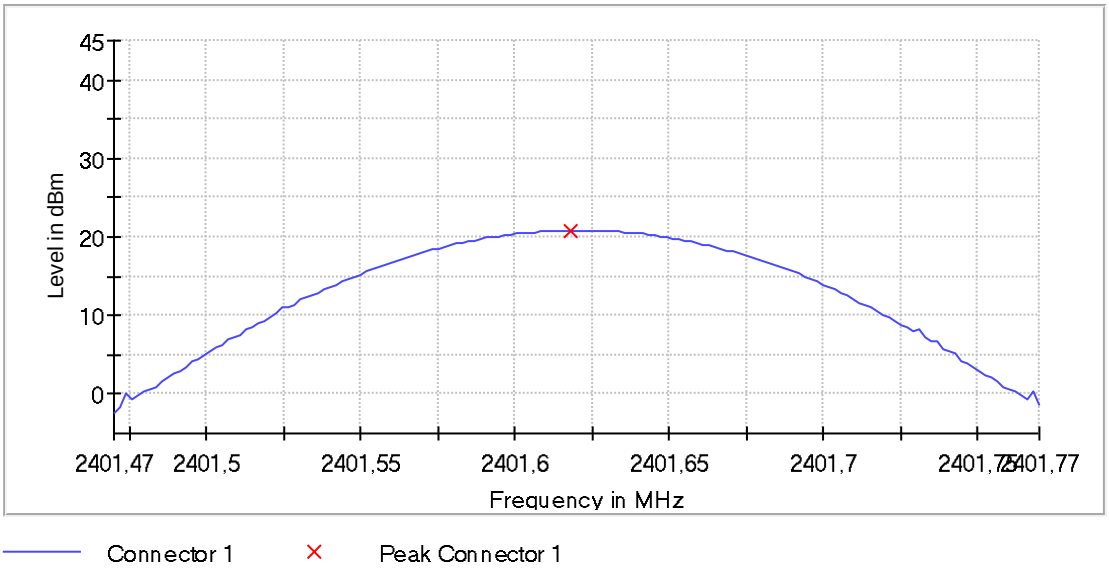
Peak output power (Sweep) (2401,62 MHz; 20,000 dBm; 133 kHz; Test Mode)

Test according to FCC title 47 part 15 §15.247(b), ANSI C63.10

Measurement uncertainty calculated in accordance with ETSI TR 100 028-1.
Expanded Combined Uncertainty of absolute Level Measurement (K=2) < 1 dB

Result

DUT Frequency (MHz)	Peak Power (dBm)	Limit Max (dBm)	Result
2401.620000	20.8	21.0	PASS



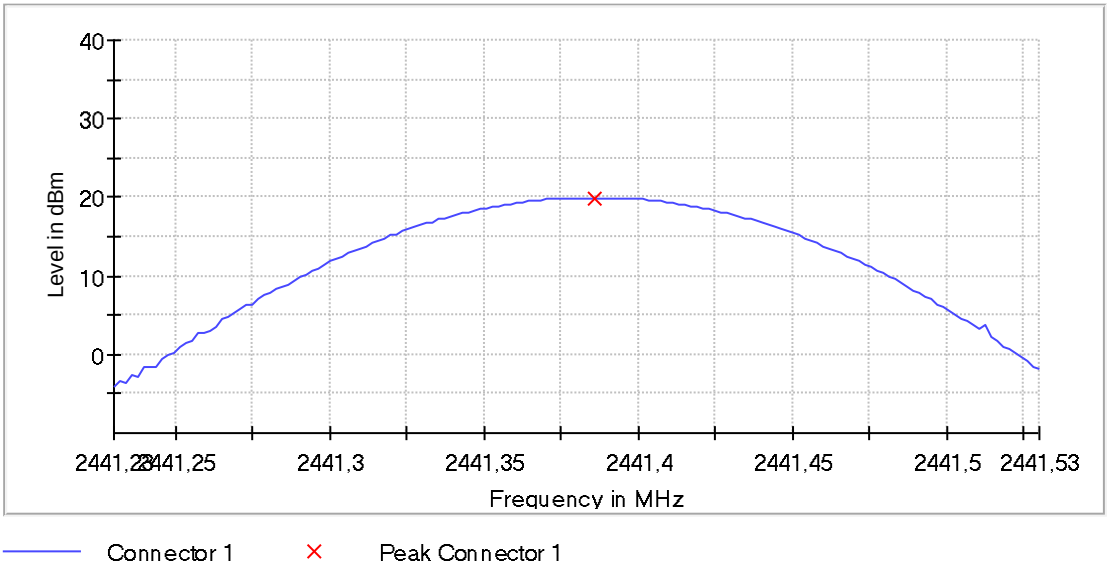
Peak output power (Sweep) (2441,38 MHz; 20,000 dBm; 133 kHz; Test Mode)

Test according to FCC title 47 part 15 §15.247(b), ANSI C63.10

Measurement uncertainty calculated in accordance with ETSI TR 100 028-1.
Expanded Combined Uncertainty of absolute Level Measurement (K=2) < 1 dB

Result

DUT Frequency (MHz)	Peak Power (dBm)	Limit Max (dBm)	Result
2441.380000	20.0	21.0	PASS



Peak Power 1

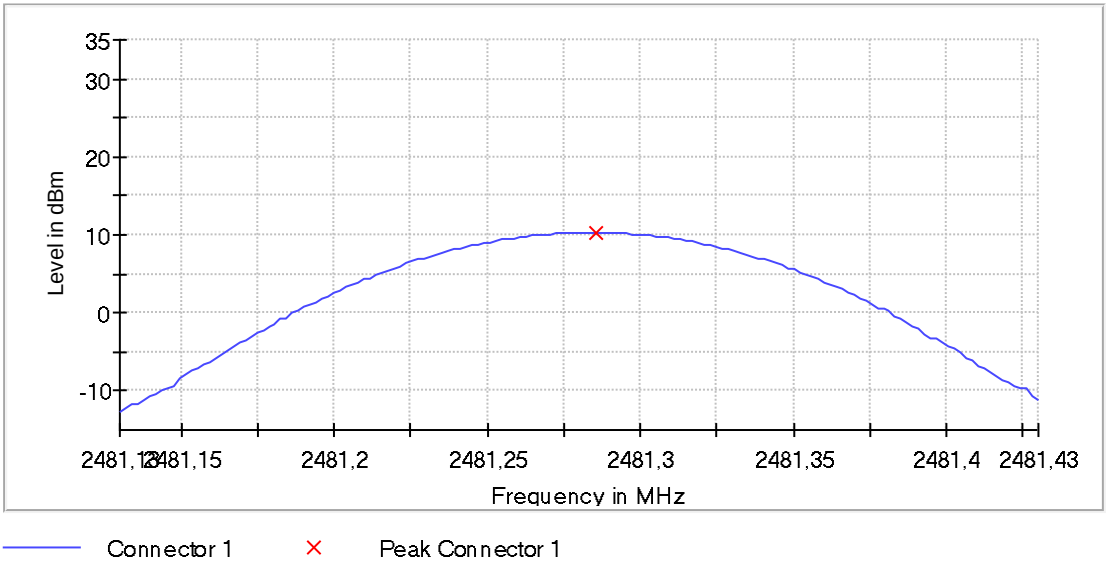
Peak output power (Sweep) (2481,28 MHz; 20,000 dBm; 133 kHz; Test Mode)

Test according to FCC title 47 part 15 §15.247(b) and ANSI C63.10

Measurement uncertainty calculated in accordance with ETSI TR 100 028-1.
Expanded Combined Uncertainty of absolute Level Measurement (K=2) < 1 dB

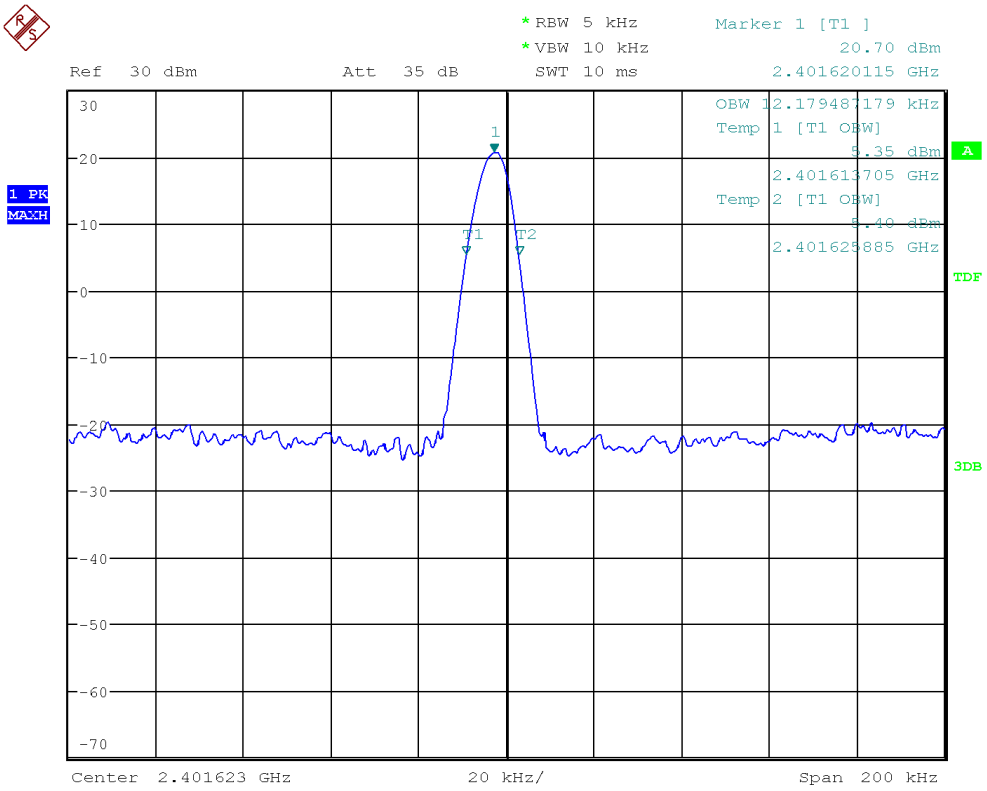
Result

DUT Frequency (MHz)	Peak Power (dBm)	Limit Max (dBm)	Result
2481.280000	10.3	21.0	PASS

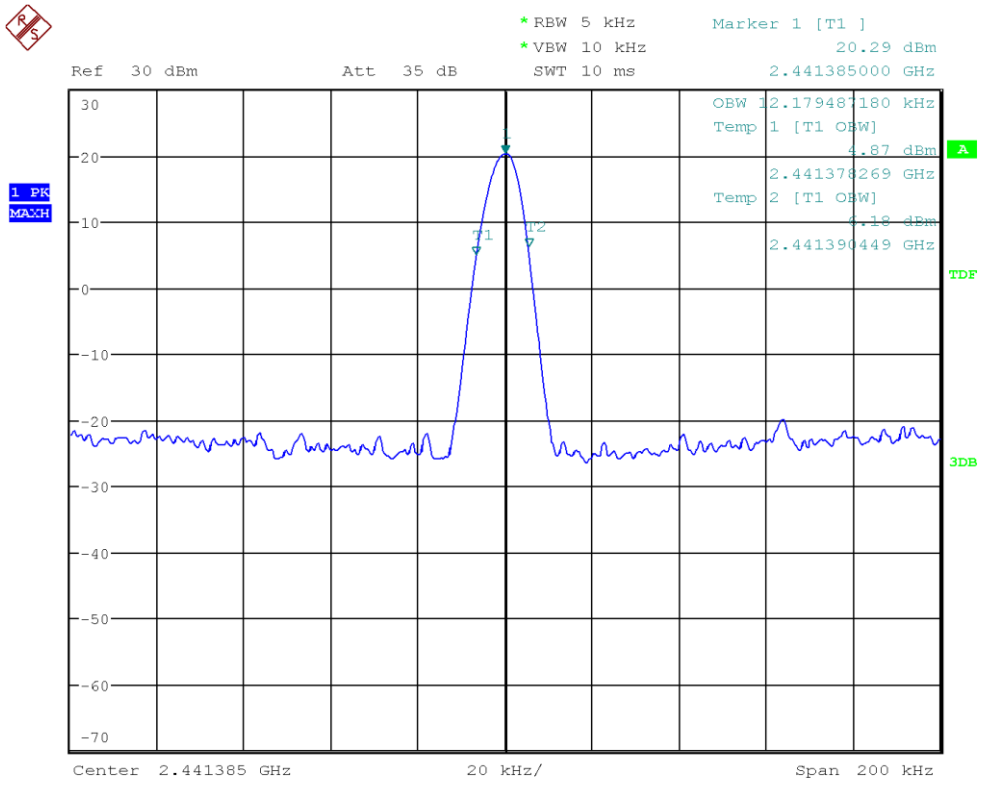


Peak Power 1

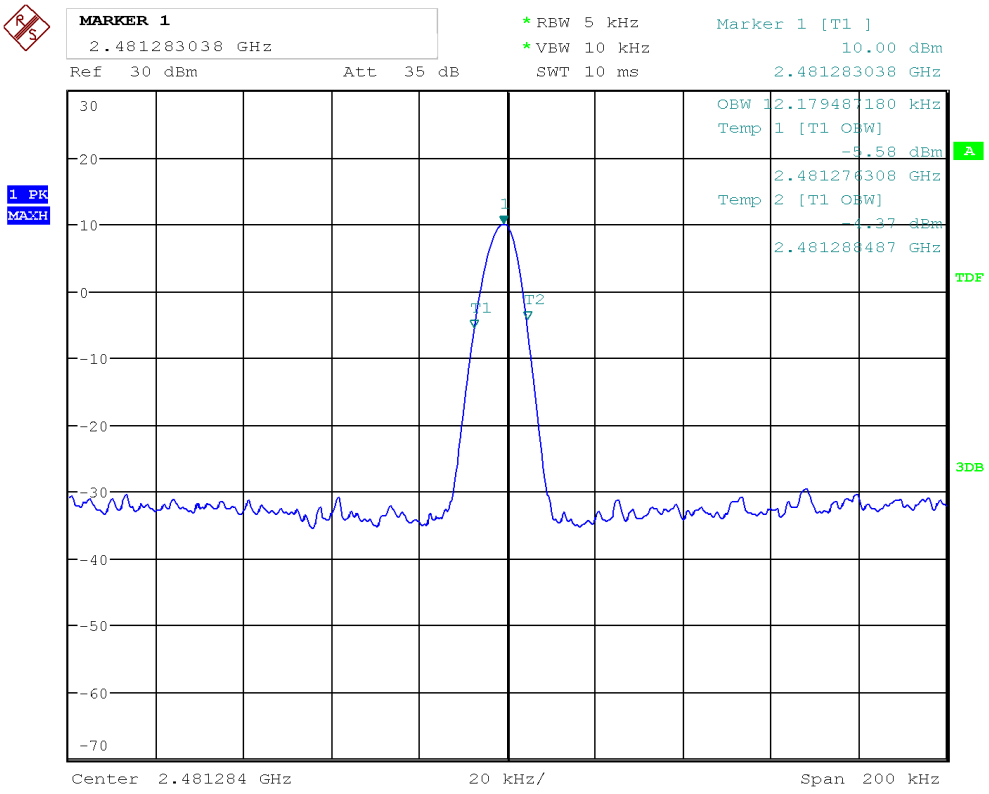
2.2. 99% Occupied Bandwidth



Plot 1: 99% OBW-WFP-Ch0(2401.62 MHz)



Plot 2: 99% OBW-WFP-Ch34 (2441.38 MHz)-



Plot 3: 99% OBW-WFP-Ch69 (2481.28 MHz)-

2.3. 20dB Emission Bandwidth

Emission Bandwidth 20 dB (2401,62 MHz; 20,000 dBm; 133 kHz; Test Mode)

Test according to FCC title 47 part 15 §15.247(a), ANSI C63.10

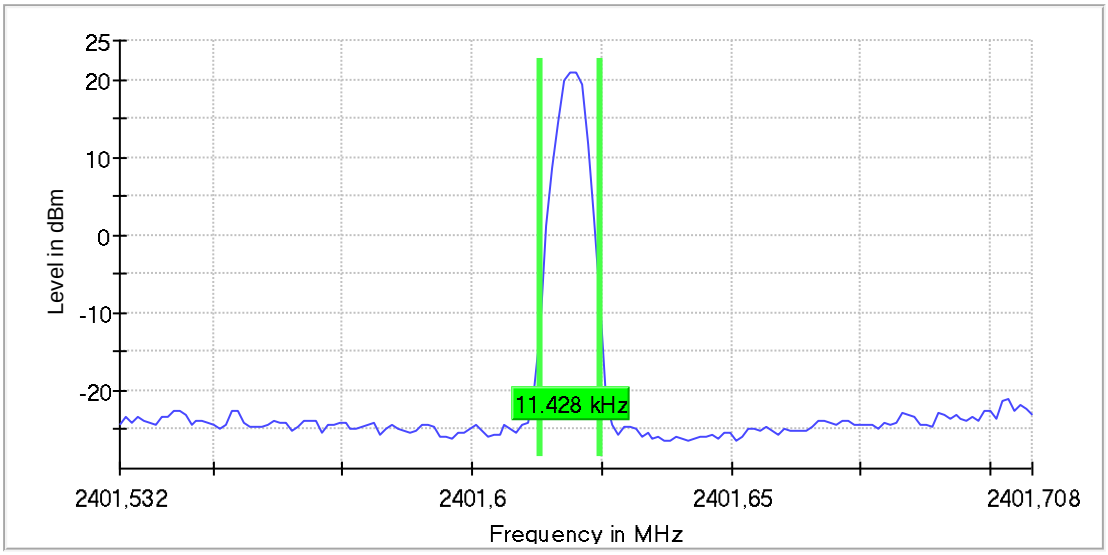
Measurement uncertainty calculated in accordance with ETSI TR 100 028-1.
Expanded Uncertainty (K=2) < 2%

20 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2401.620000	0.011428	---	---	2401.613143	2401.624571

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

DUT Frequency (MHz)	Max Level (dBm)	Result
2401.620000	20.8	PASS



Bandwidth

Emission Bandwidth 20 dB (2441,38 MHz; 20,000 dBm; 133 kHz; Test Mode)

Customized settings.

Test according to FCC title 47 part 15 §15.247(a), ANSI C63.10

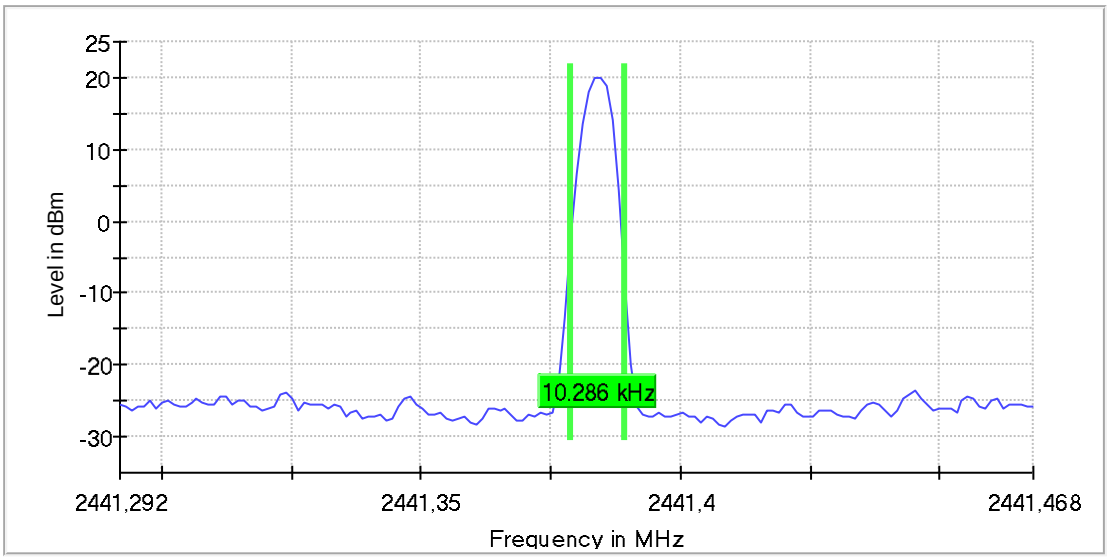
Measurement uncertainty calculated in accordance with ETSI TR 100 028-1.
Expanded Uncertainty (K=2) < 2%

20 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2441.380000	0.010286	---	---	2441.378857	2441.389143

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

DUT Frequency (MHz)	Max Level (dBm)	Result
2441.380000	19.9	PASS



Bandwidth

Emission Bandwidth 20 dB (2481,28 MHz; 20,000 dBm; 133 kHz; Test Mode)

Customized settings.

Test according to FCC title 47 part 15 §15.247(a), ANSI C63.10

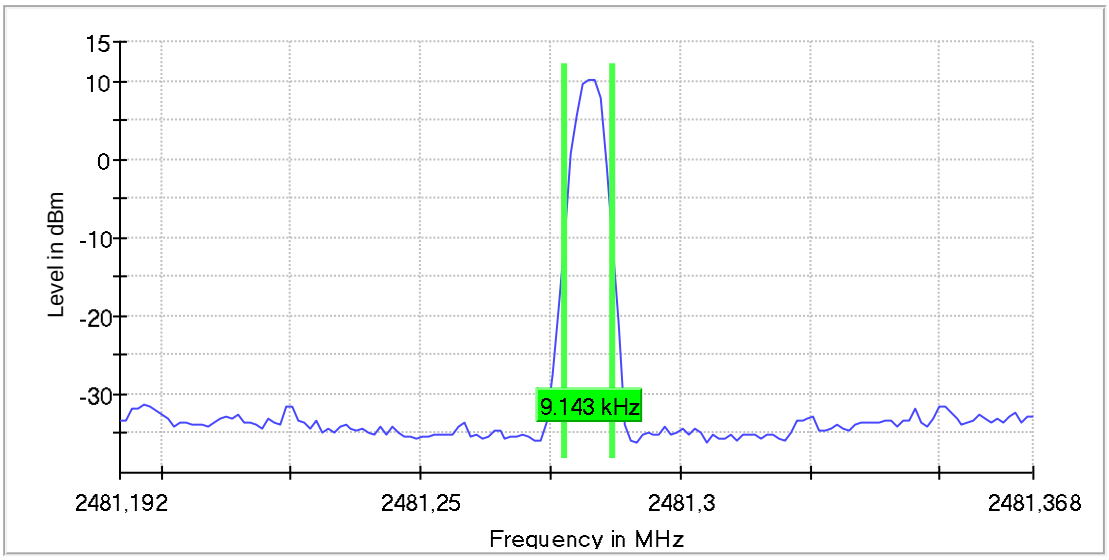
Measurement uncertainty calculated in accordance with ETSI TR 100 028-1.
Expanded Uncertainty (K=2) < 2%

20 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2481.280000	0.009143	---	---	2481.277714	2481.286857

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

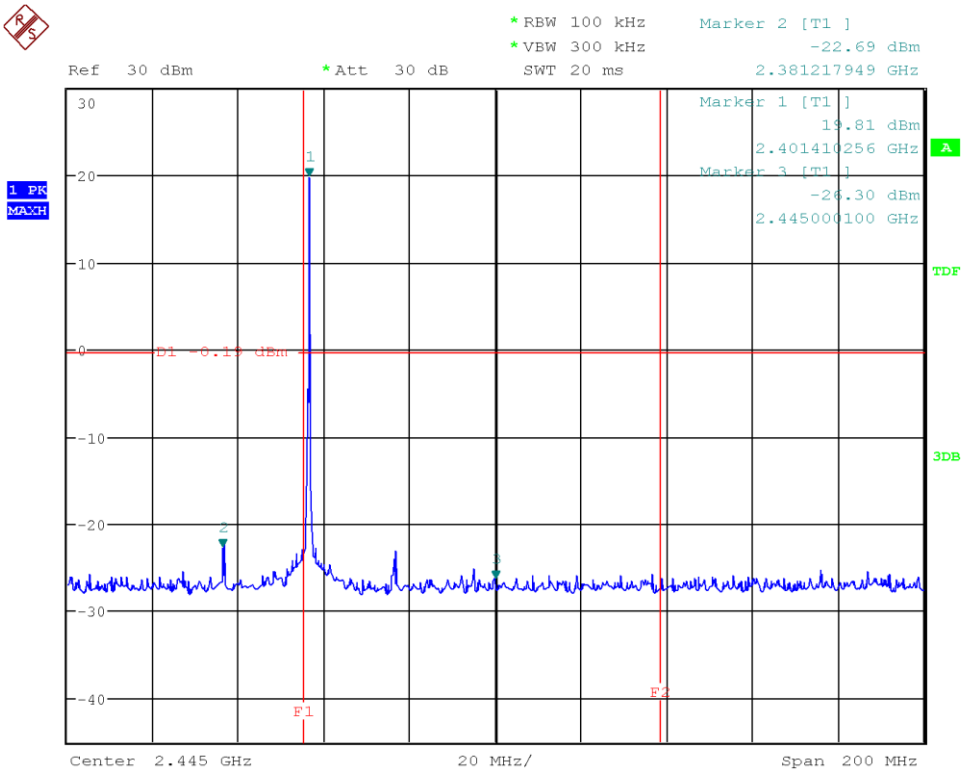
DUT Frequency (MHz)	Max Level (dBm)	Result
2481.280000	10.2	PASS



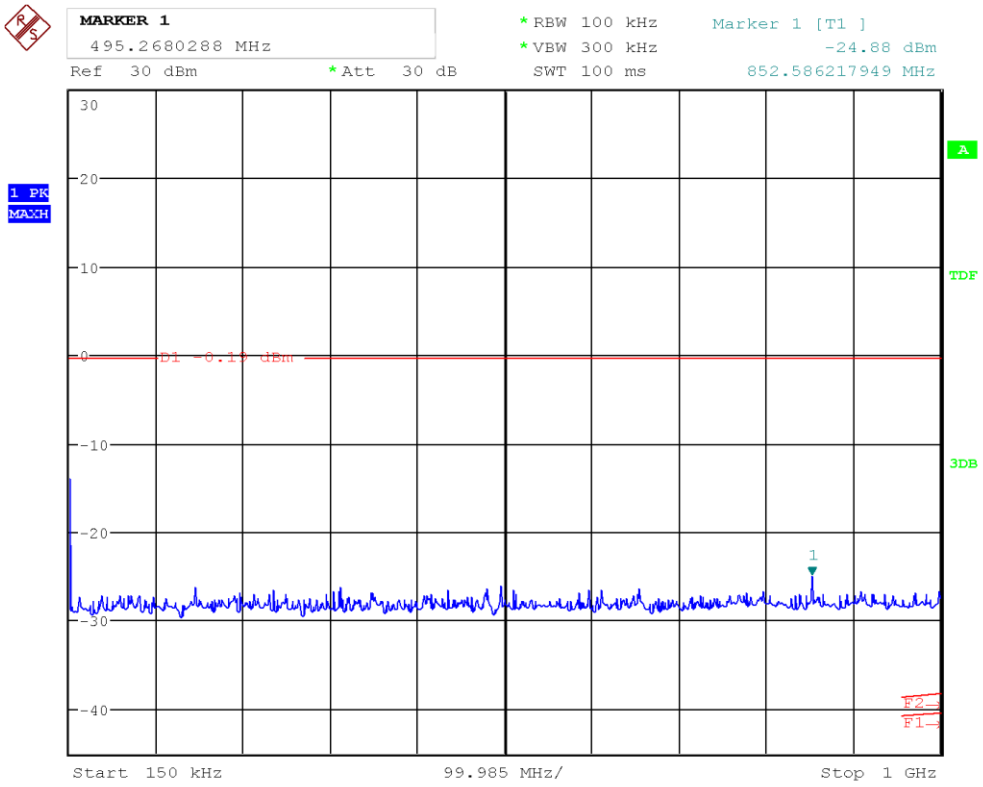
Bandwidth

2.4. 20dBc – Conducted Emissions in Restricted Bands

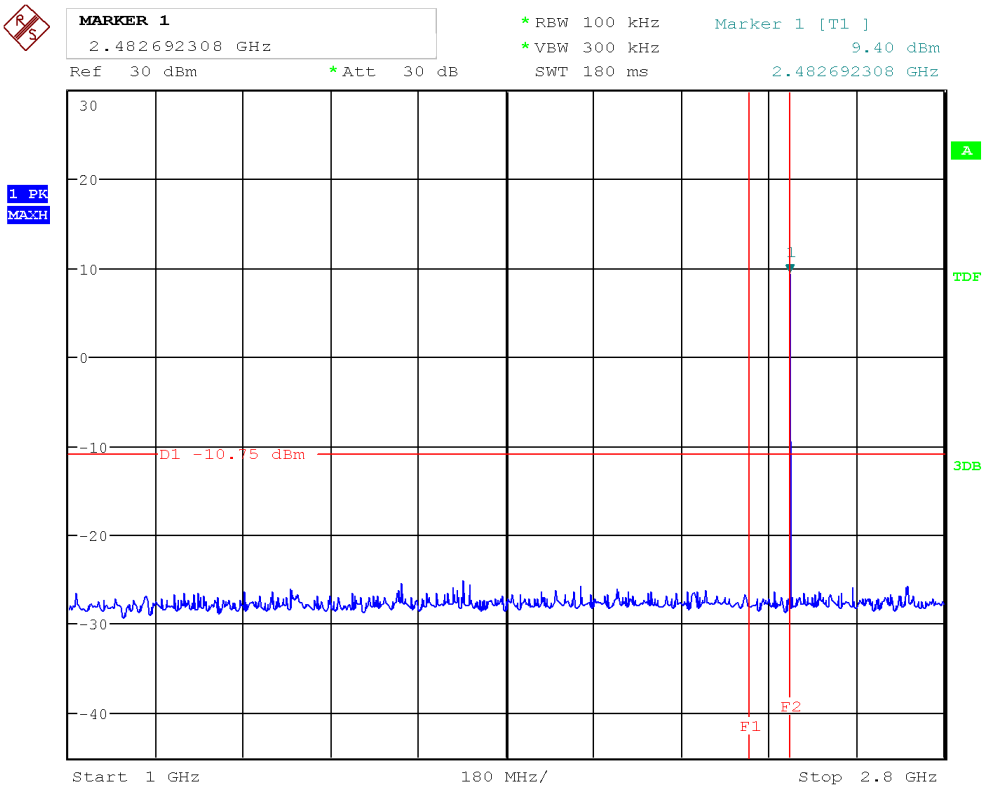
2.4.1. Low Channel



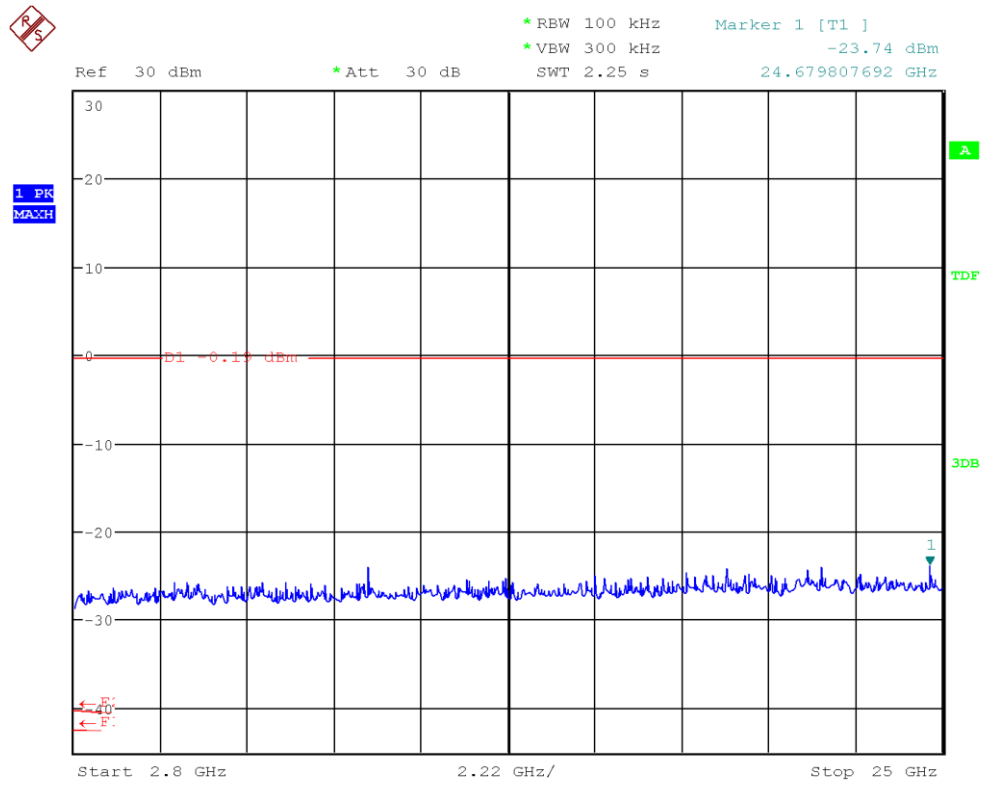
Plot 4: 20dBc-WFP-Ch mid (2401.62 MHz)-PWR+20dBm-Carrier



Plot 5: 20dBc-WFP-Ch mid (2401.62 MHz)-PWR+20dBm-0.15MHz-1GHz

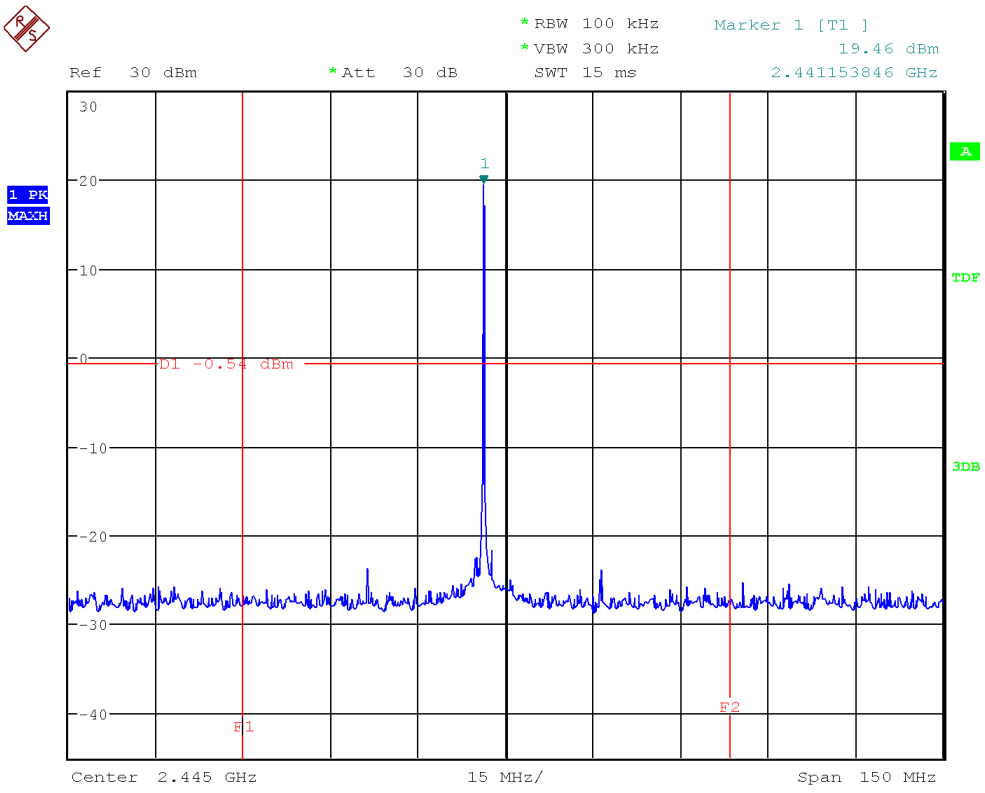


Plot 6: 20dBc-WFP-Ch mid (2401.62 MHz)-PWR+20dBm-1GHz-2.8GHz

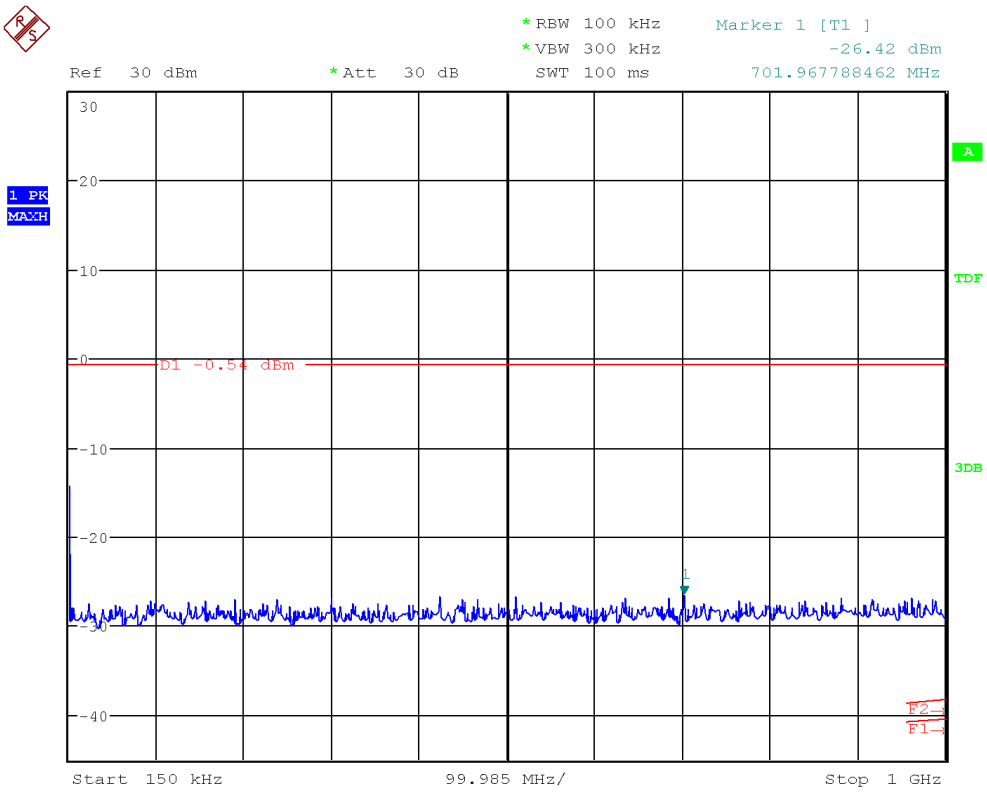


Plot 7: 20dBc-WFP-Ch mid (2401.62 MHz)-PWR+20dBm-2.8GHz-25GHz

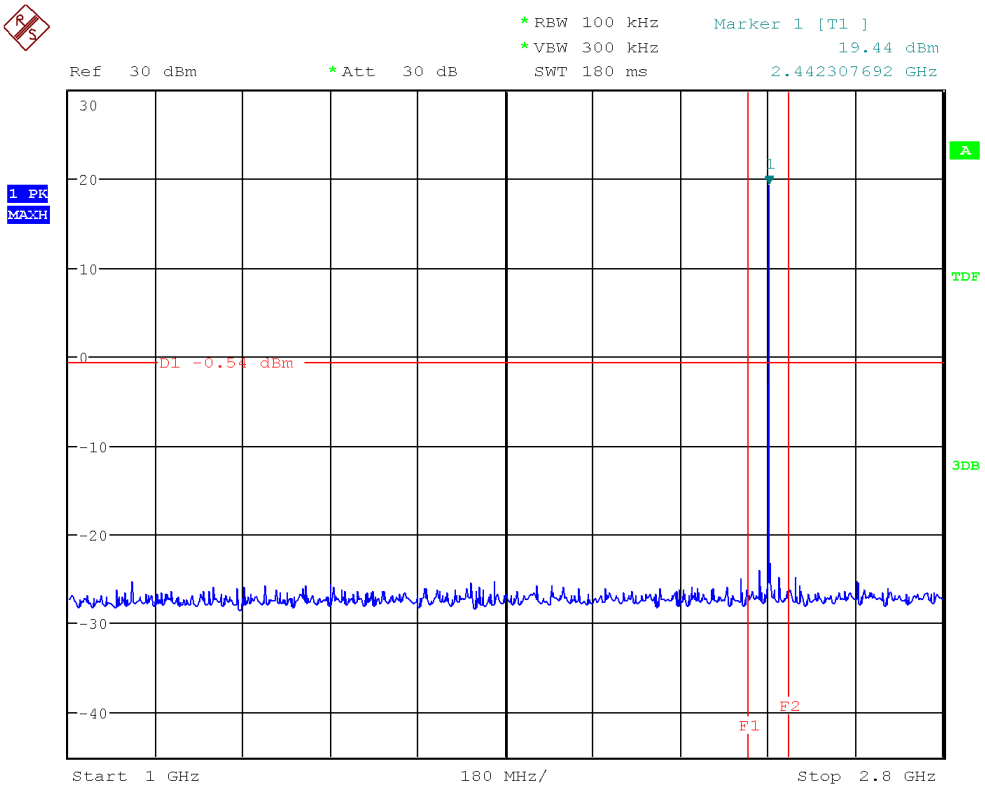
2.4.2. Mid Channel



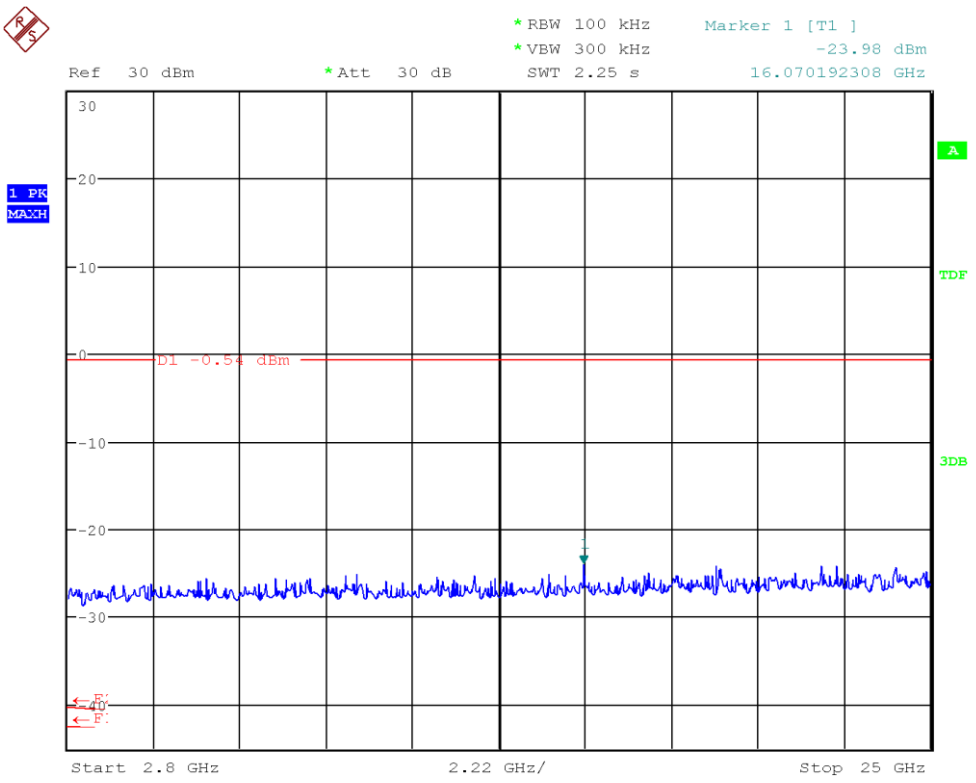
Plot 8: 20dBc-WFP-Ch mid (2441.38 MHz)-PWR+20dBm-Carrier



Plot 9: 20dBc-WFP-Ch mid (2441.38 MHz)-PWR+20dBm-0.15MHz-1GHz

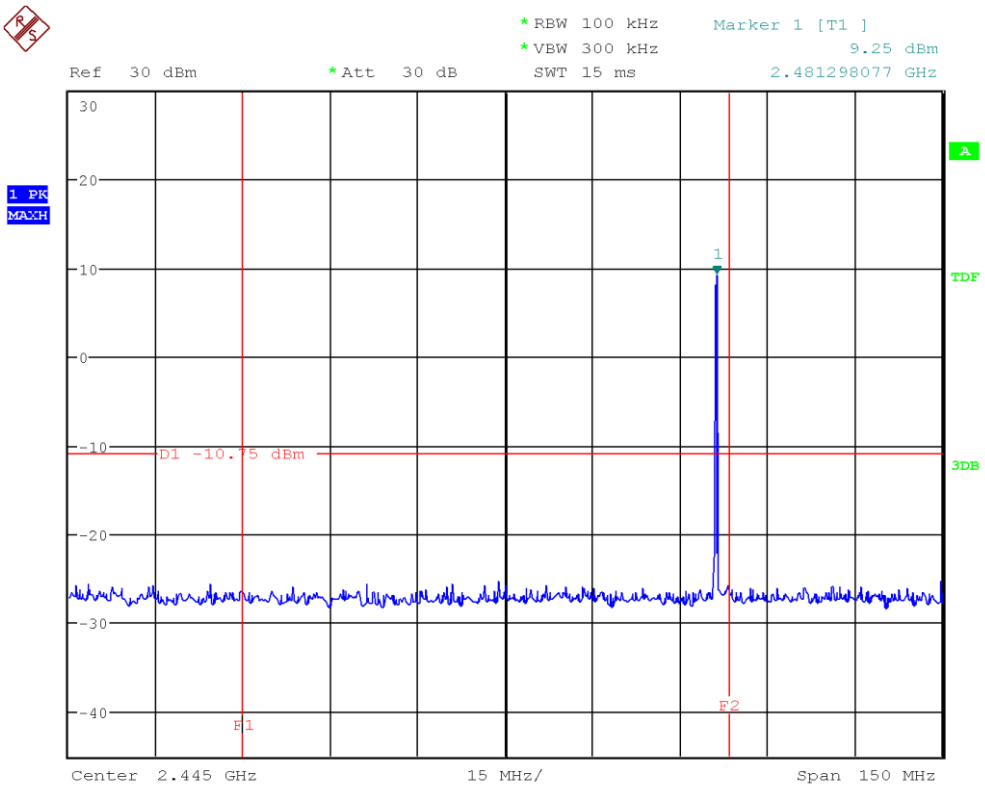


Plot 10: 20dBc-WFP-Ch mid (2441.38 MHz)-PWR+20dBm-1GHz-2.8GHz

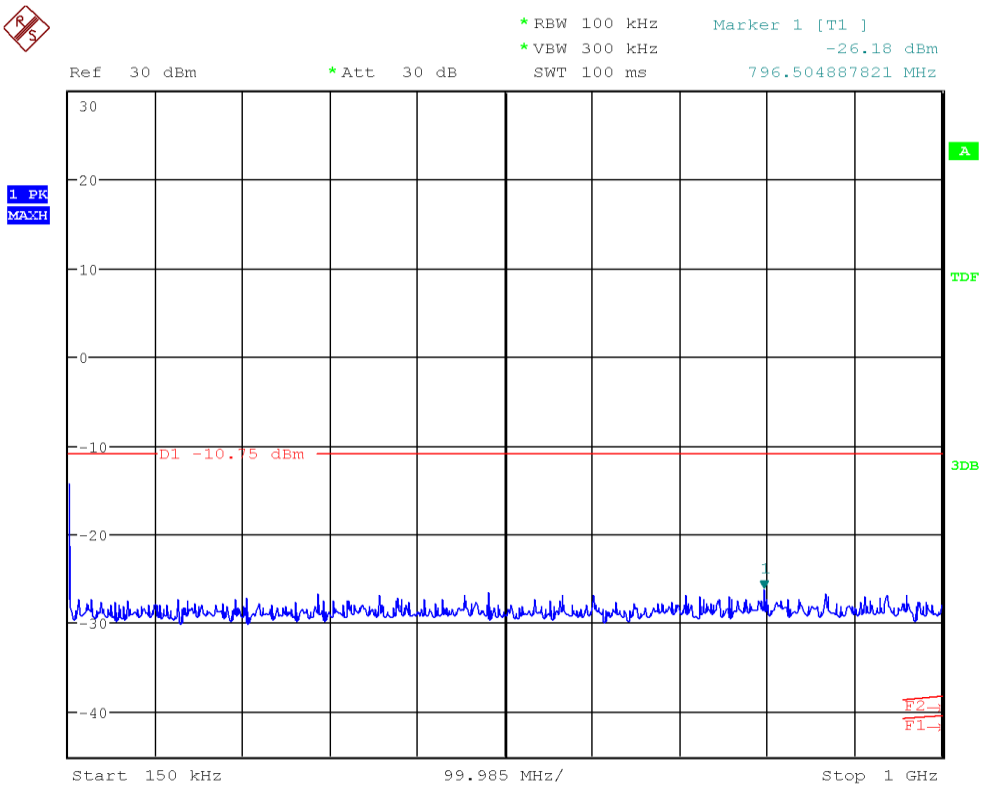


Plot 11: 20dBc-WFP-Ch mid(2441.38 MHz)-)-PWR+20dBm-2.8GHz-25GHz

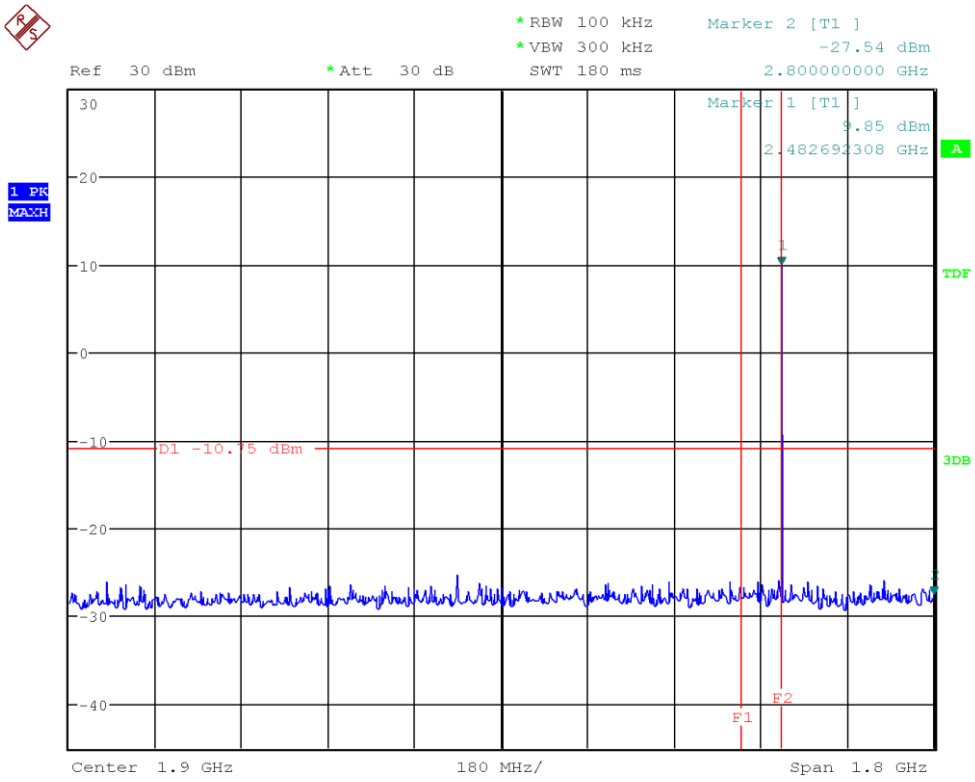
2.4.3. High Channel



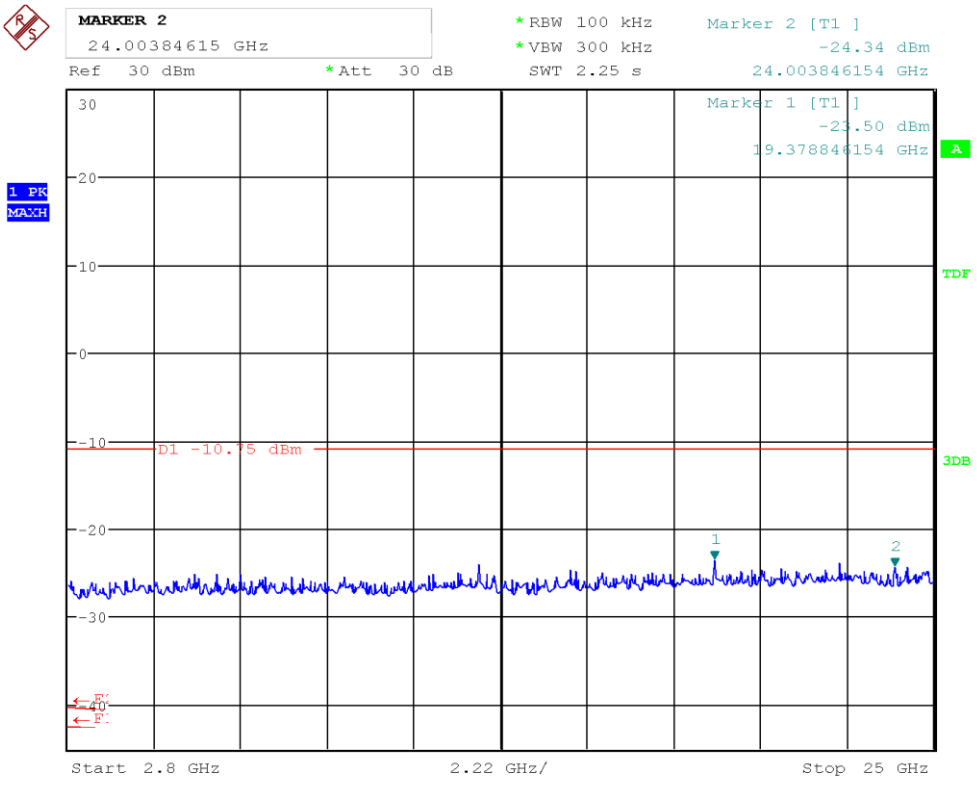
Plot 12: 20dBc-WFP-Ch high (2481.28 MHz)-PWR+20dBm-Carrier



Plot 13: 20dBc-WFP-Ch high (2481.28 MHz)PWR+20dBm-0.15MHz-1GHz

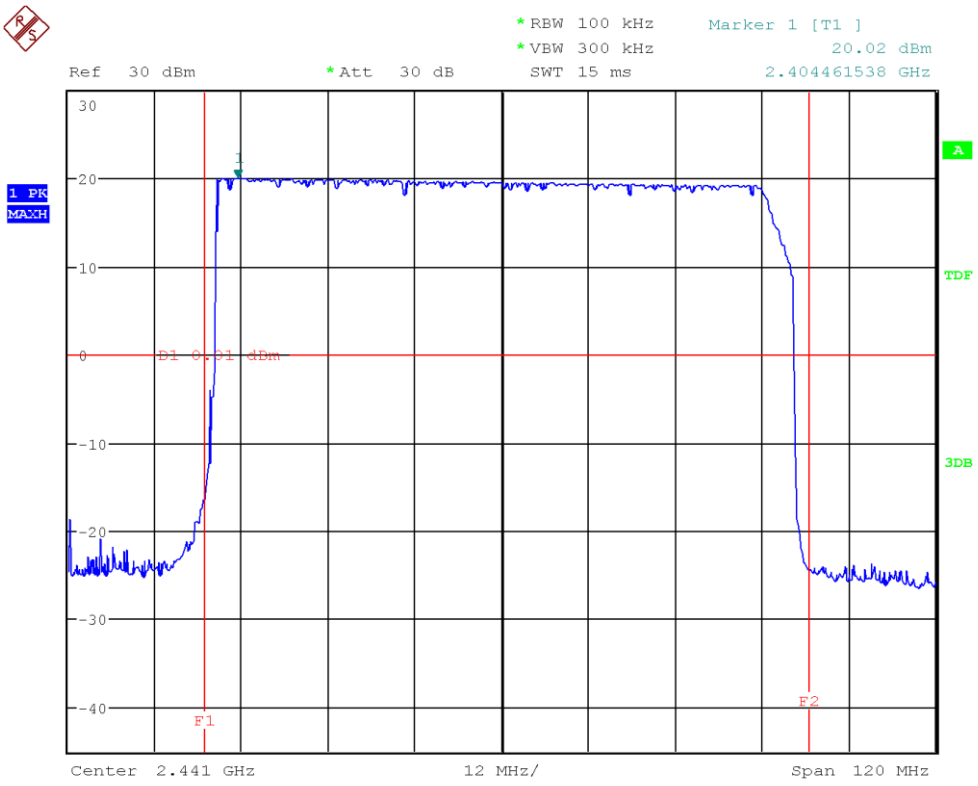


Plot 14: 20dBc-WFP-Ch high (2481.28 MHz)PWR+20dBm-1GHz-2.8GHz

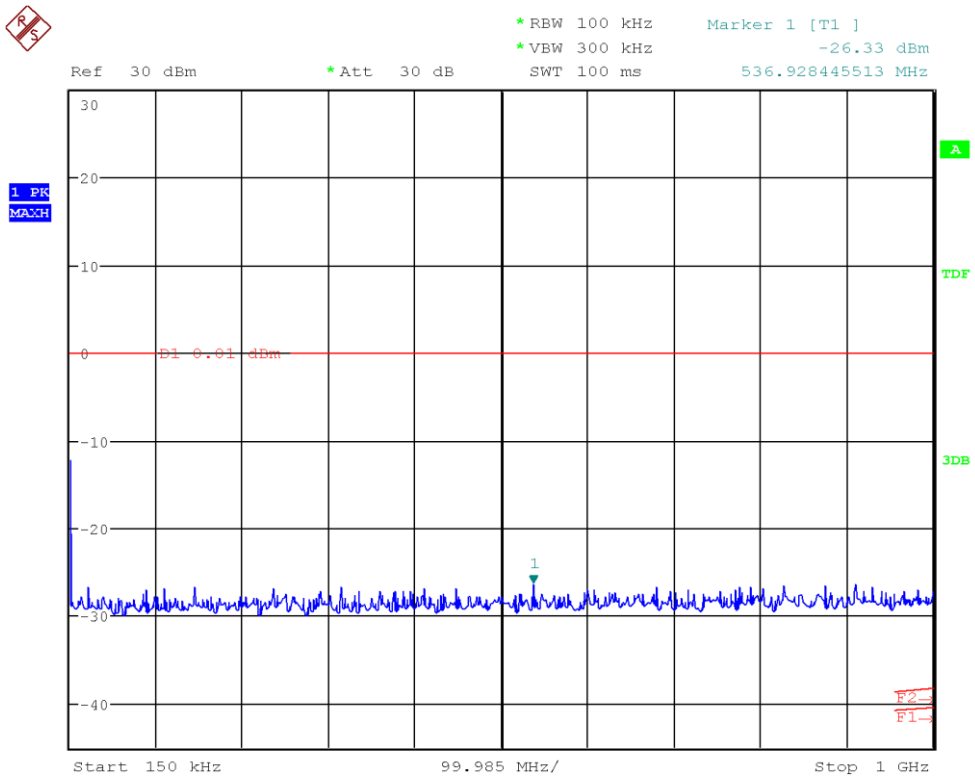


Plot 15: 20dBc-WFP-Ch high2402.5 MHz)-PWR+20dBm-2.8GHz-25GHz

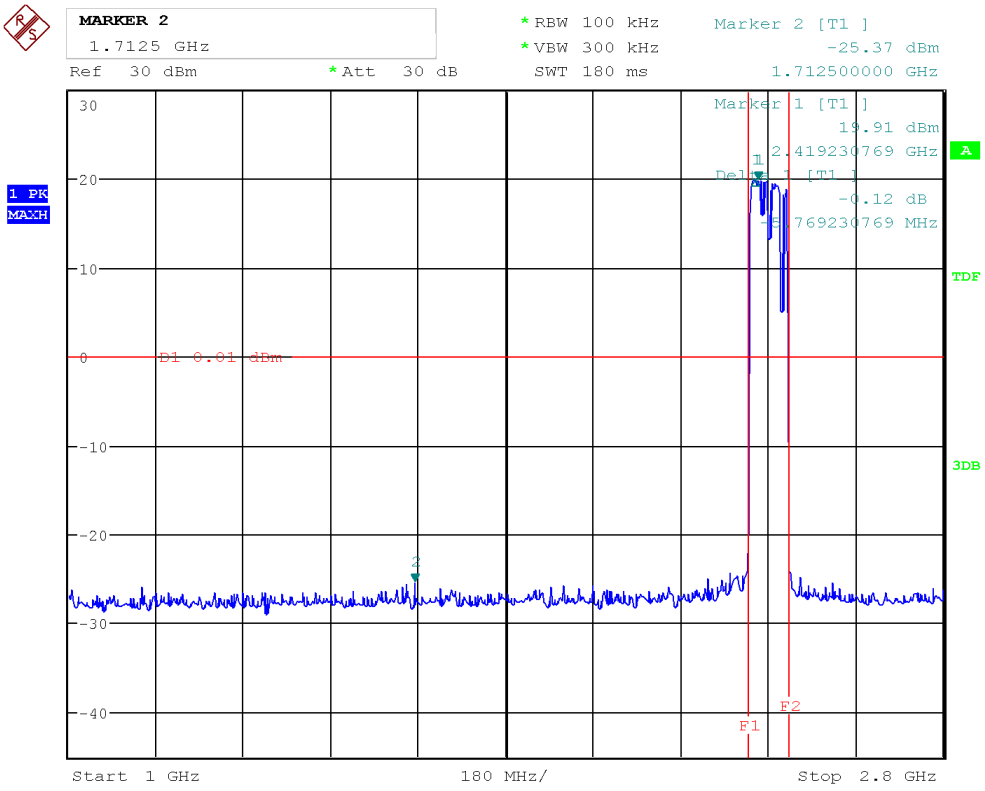
2.4.4. Hopping ON



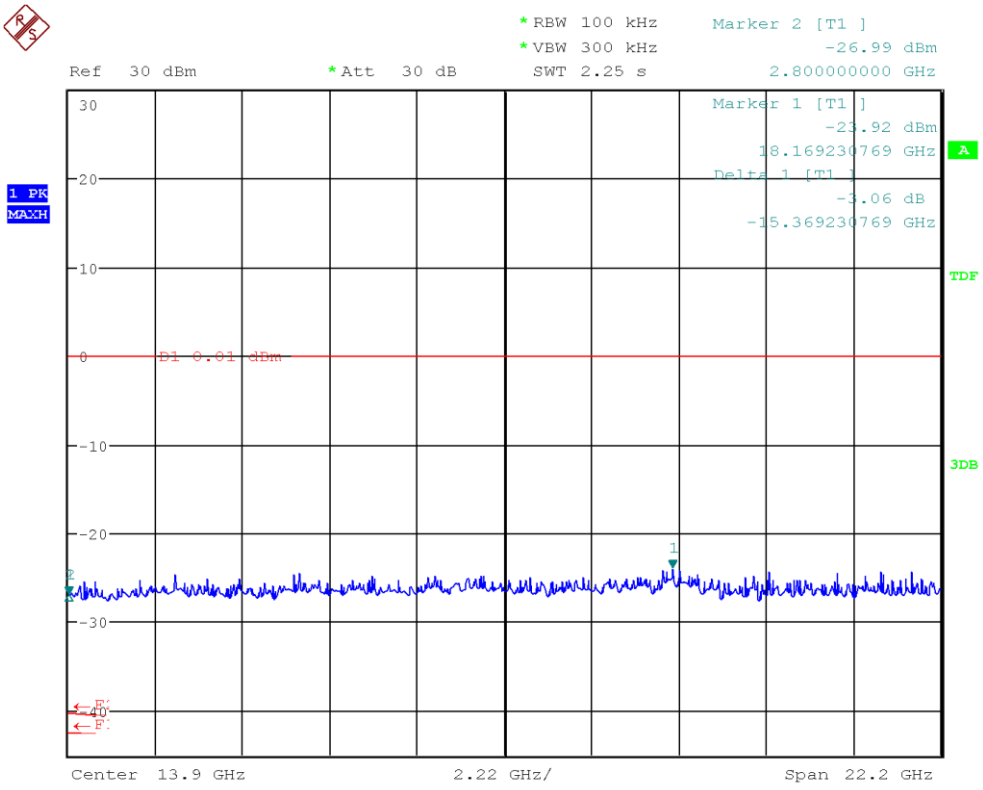
Plot 16: 20dBc-WFP-Ch high (2481.28 MHz)-PWR+20dBm-Carrier



Plot 17: 20dBc-WFP-Ch high (2481.28 MHz)PWR+20dBm-0.15MHz-1GHz



Plot 18: 20dBc-WFP-Ch high (2481.28 MHz)PWR+20dBm-1GHz-2.8GHz



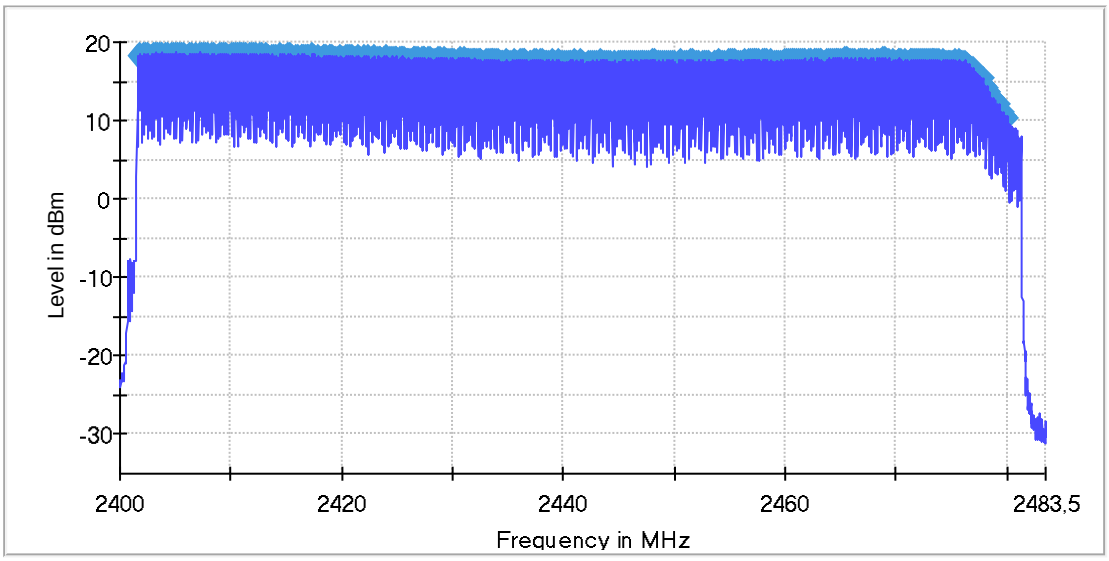
Plot 19: 20dBc-WFP-Ch high2402.5 MHz)-PWR+20dBm-2.8GHz-25GHz

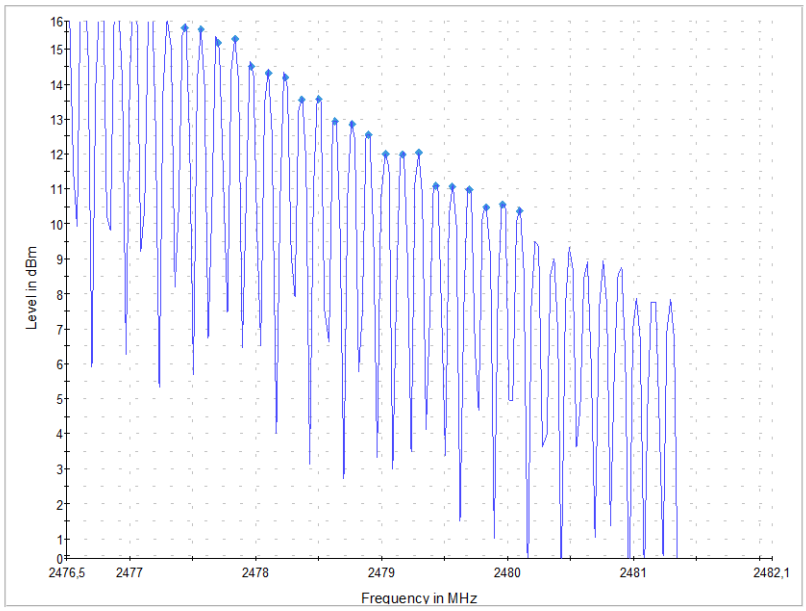
2.5. Hopping Frequencies

Test according to FCC title 47 part 15 §15.247(a),(g), ANSI C63.10

Channels

Channels	Limit Min	Limit Max	Result
591 + 9	15	---	PASS





Zoom: Last 9 channels not recognized by Test System (lower Powerlevels) counted manually

2.6. Carrier Frequency Separation

Carrier Frequency Separation (2401,62 MHz; 20,000 dBm; 133 kHz)

Test according to FCC title 47 part 15 §15.247(a), ANSI C63.10

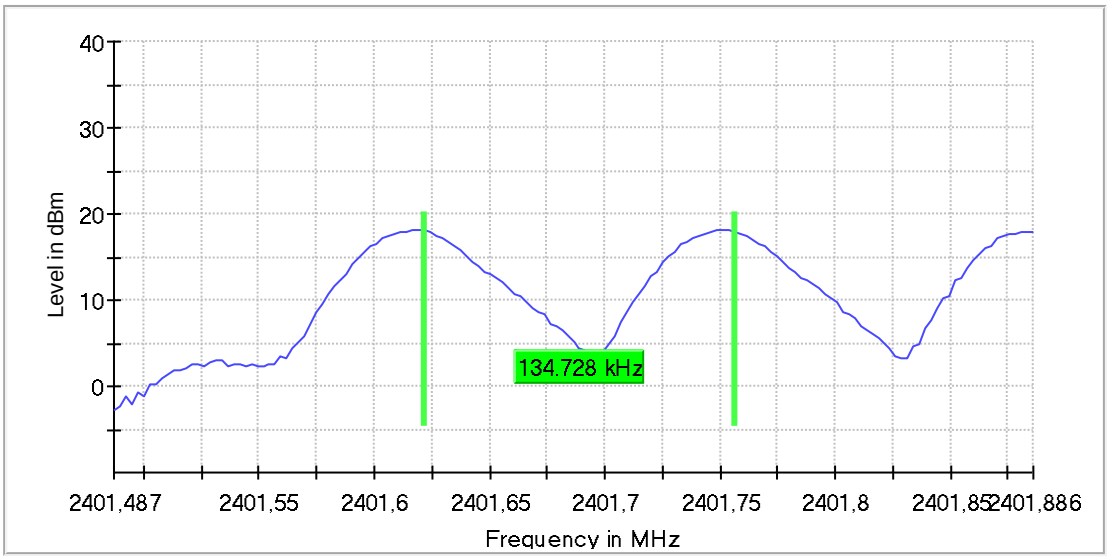
Measurement uncertainty calculated in accordance with ETSI TR 100 028-1.
Expanded Uncertainty(k = 2) < 1%

Result

DUT Frequency (MHz)	Frequency Separation (MHz)	Limit Min (MHz)	Limit Max (MHz)	Center Frequency low Channel (MHz)	Center Frequency high Channel (MHz)
2401.620000	0.134728	0.058667	---	2401.621727	2401.756455

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

DUT Frequency (MHz)	Result
2401.620000	PASS



CFS

Carrier Frequency Separation (2441,38 MHz; 20,000 dBm; 133 kHz)

Test according to FCC title 47 part 15 §15.247(a), ANSI C63.10

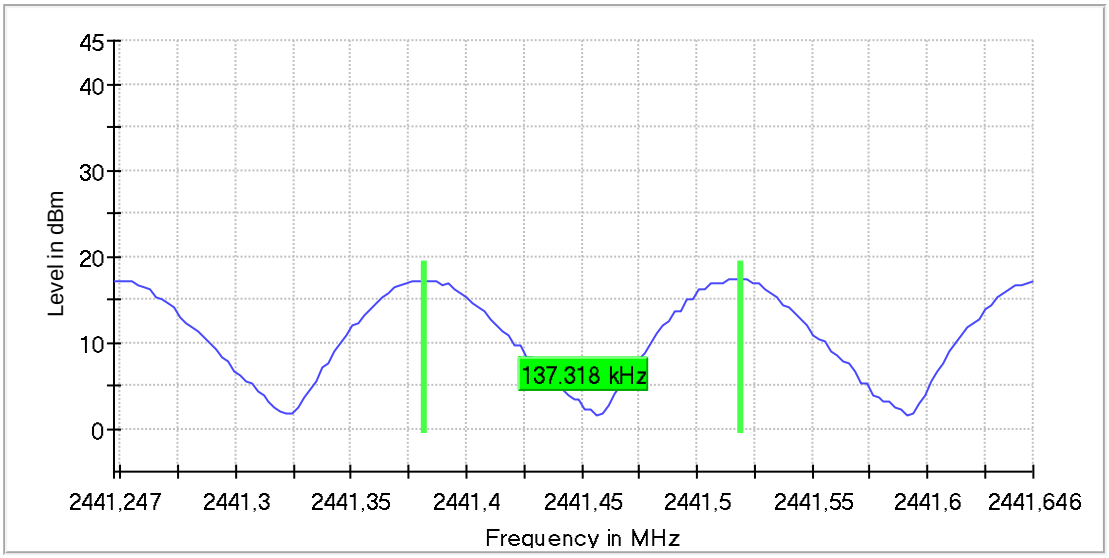
Measurement uncertainty calculated in accordance with ETSI TR 100 028-1.
Expanded Uncertainty(k = 2) < 1%

Result

DUT Frequency (MHz)	Frequency Separation (MHz)	Limit Min (MHz)	Limit Max (MHz)	Center Frequency low Channel (MHz)	Center Frequency high Channel (MHz)
2441.380000	0.137318	0.058667	---	2441.381727	2441.519045

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

DUT Frequency (MHz)	Result
2441.380000	PASS



CFS

Carrier Frequency Separation (2481,28 MHz; 20,000 dBm; 133 kHz)

Test according to FCC title 47 part 15 §15.247(a), ANSI C63.10

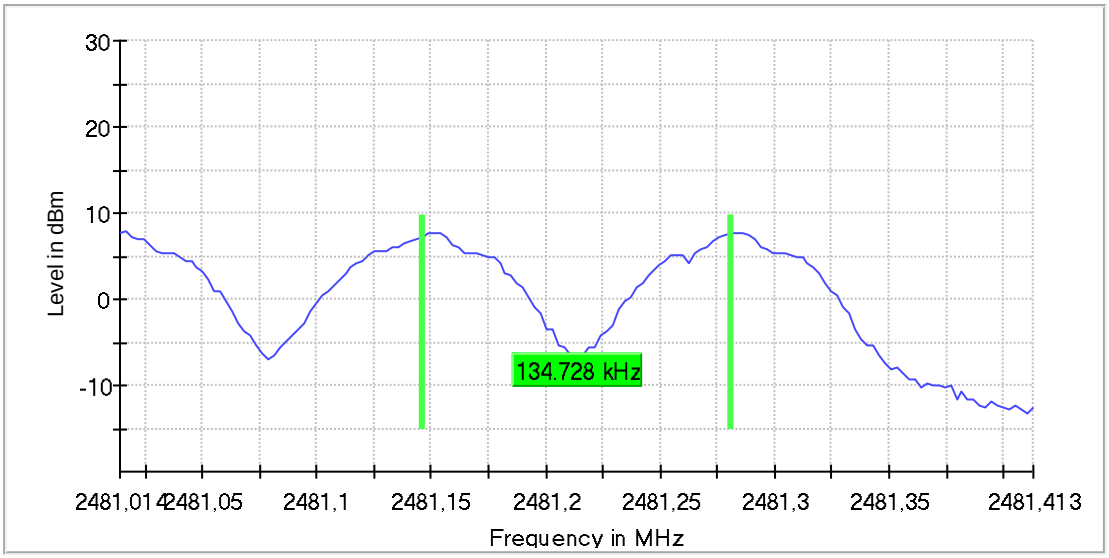
Measurement uncertainty calculated in accordance with ETSI TR 100 028-1.
Expanded Uncertainty(k = 2) < 1%

Result

DUT Frequency (MHz)	Frequency Separation (MHz)	Limit Min (MHz)	Limit Max (MHz)	Center Frequency low Channel (MHz)	Center Frequency high Channel (MHz)
2481.280000	0.134728	0.058667	---	2481.146136	2481.280864

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

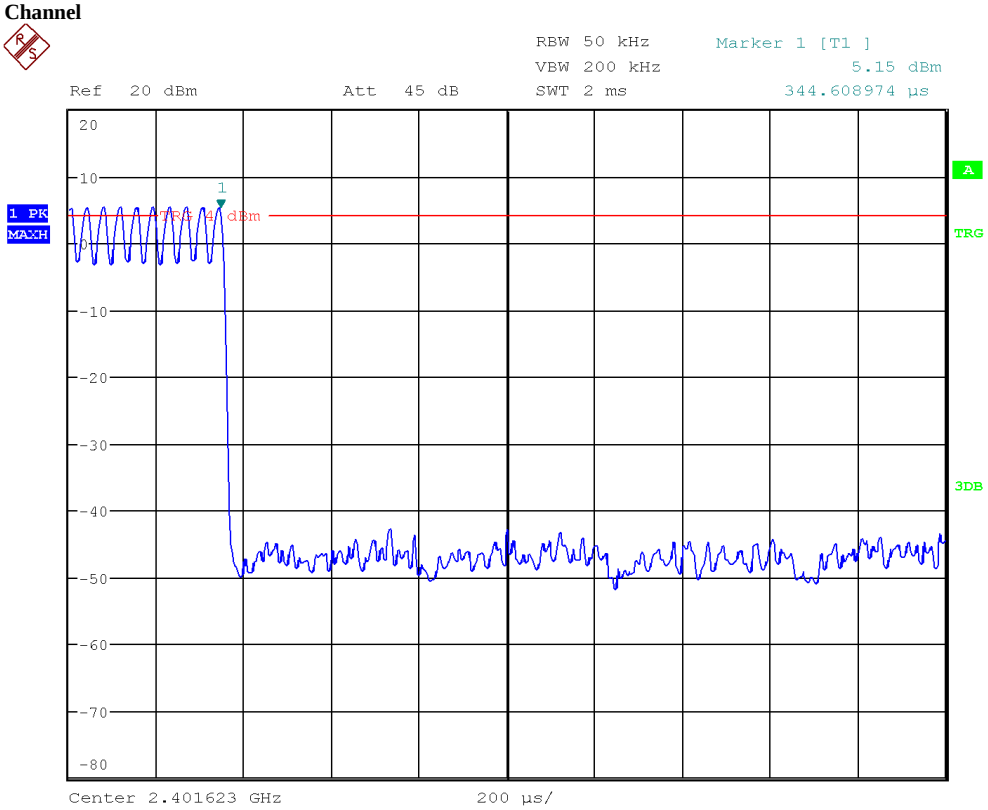
DUT Frequency (MHz)	Result
2481.280000	PASS



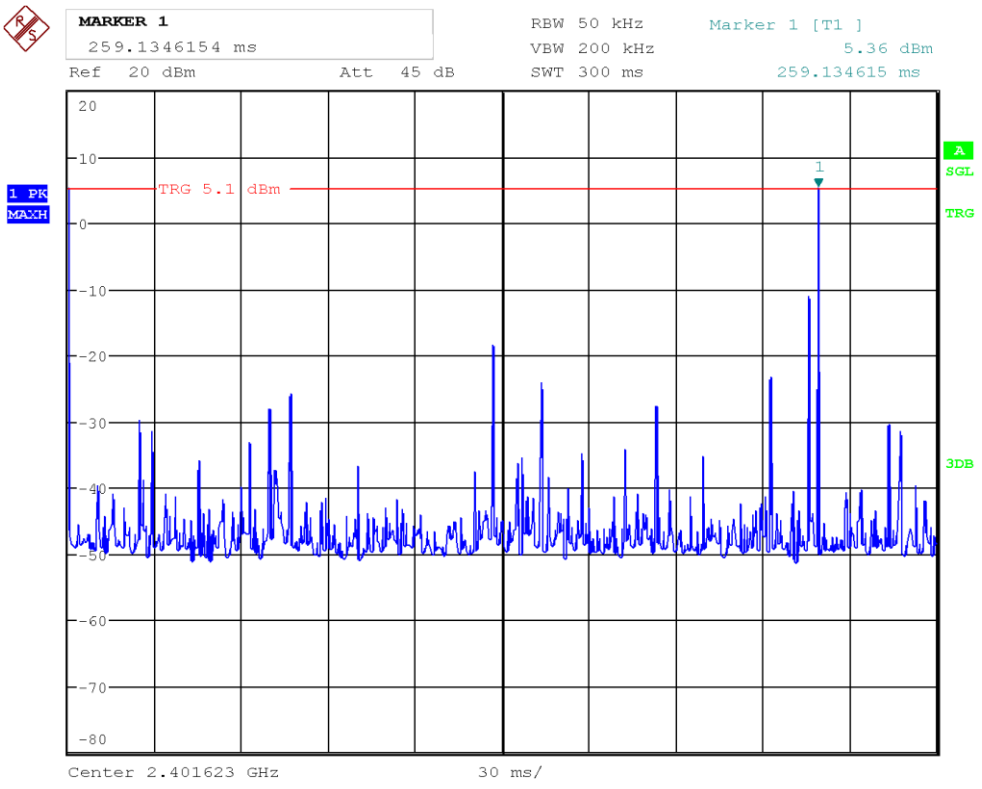
CFS

2.7. Time of Channel Occupancy

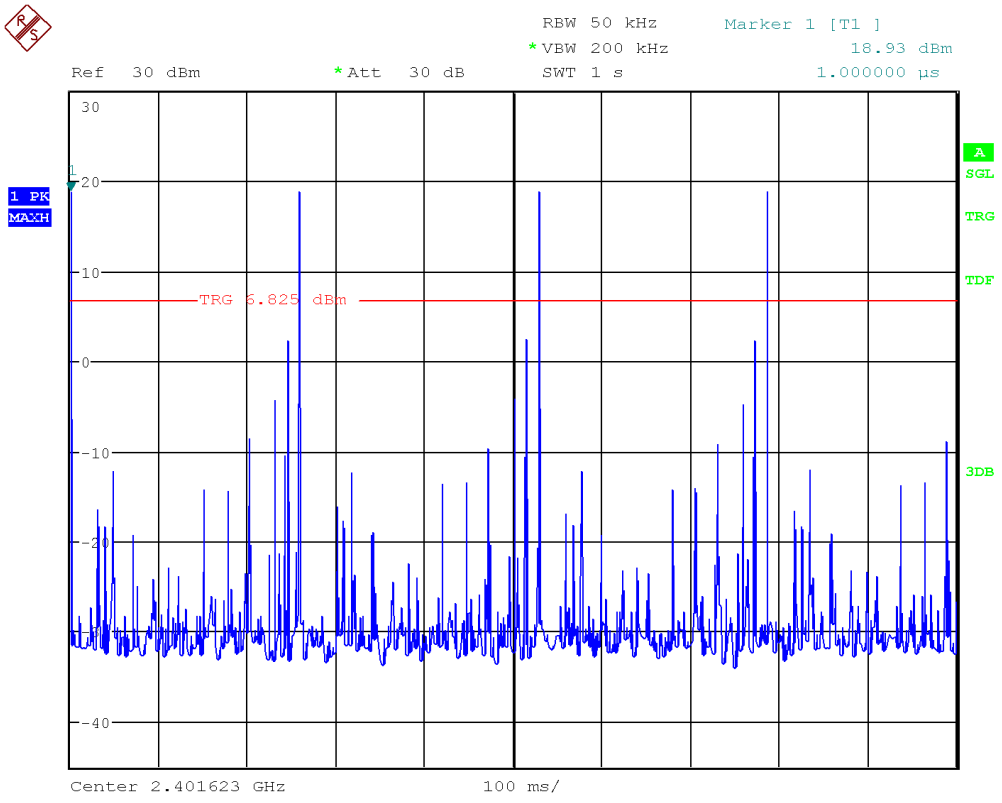
2.7.1. Low Channel



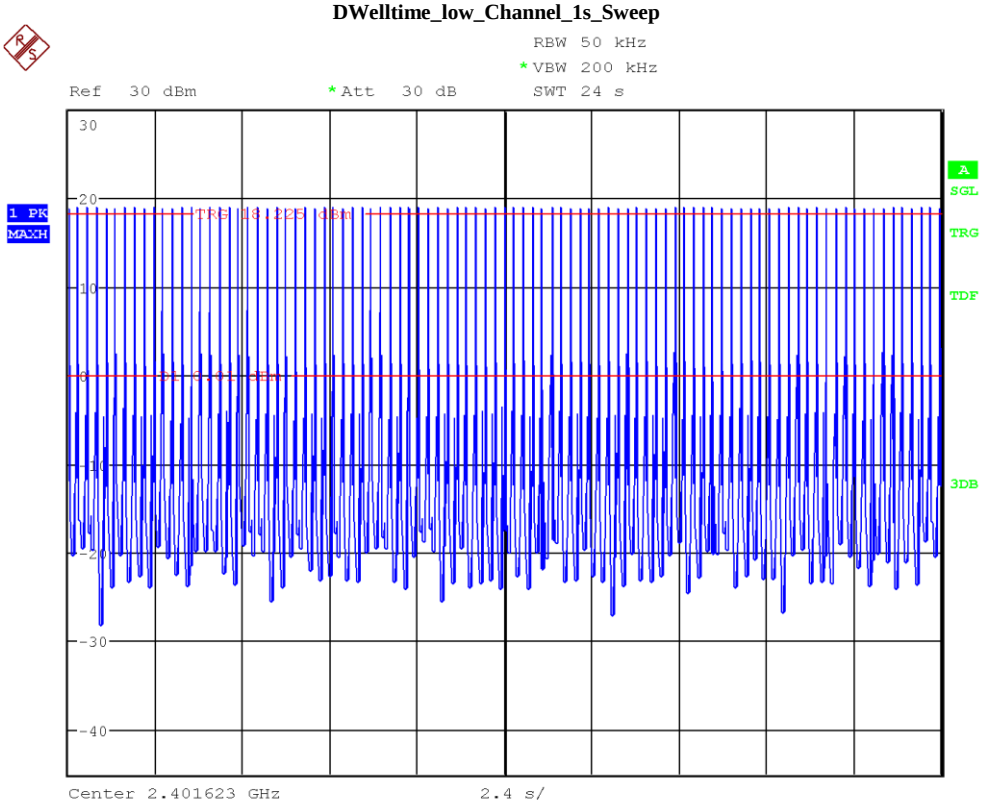
DWelltime_low Channel



DWelltime_low Channel_300ms Sweep



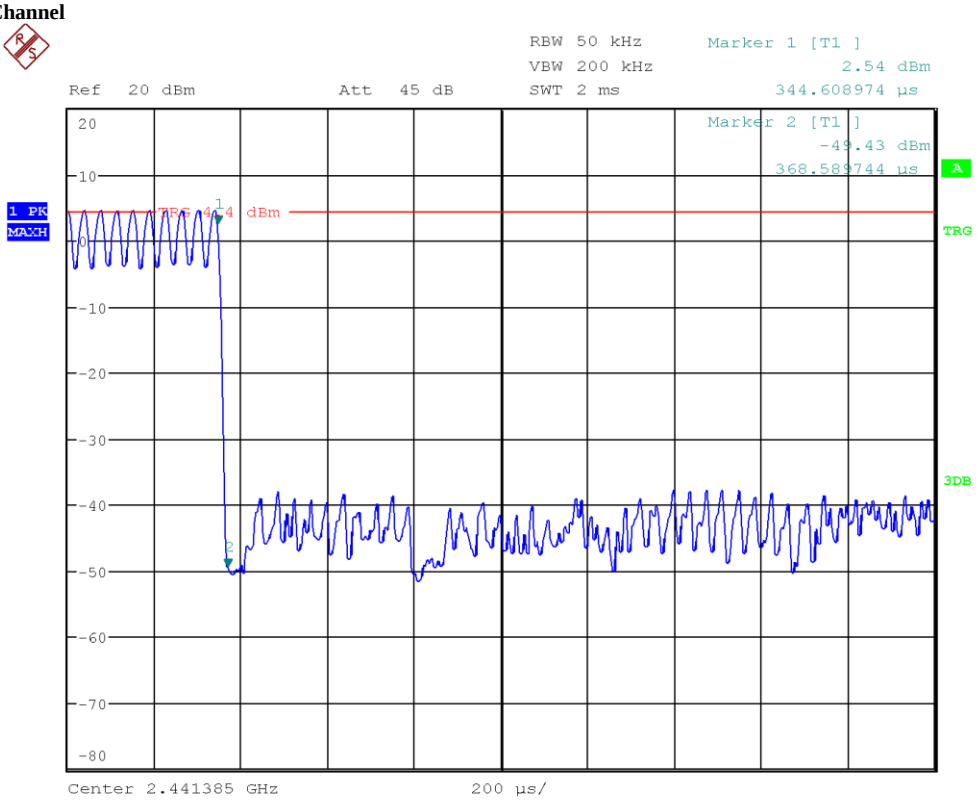
DWelltime_low_Channel_1s_Sweep



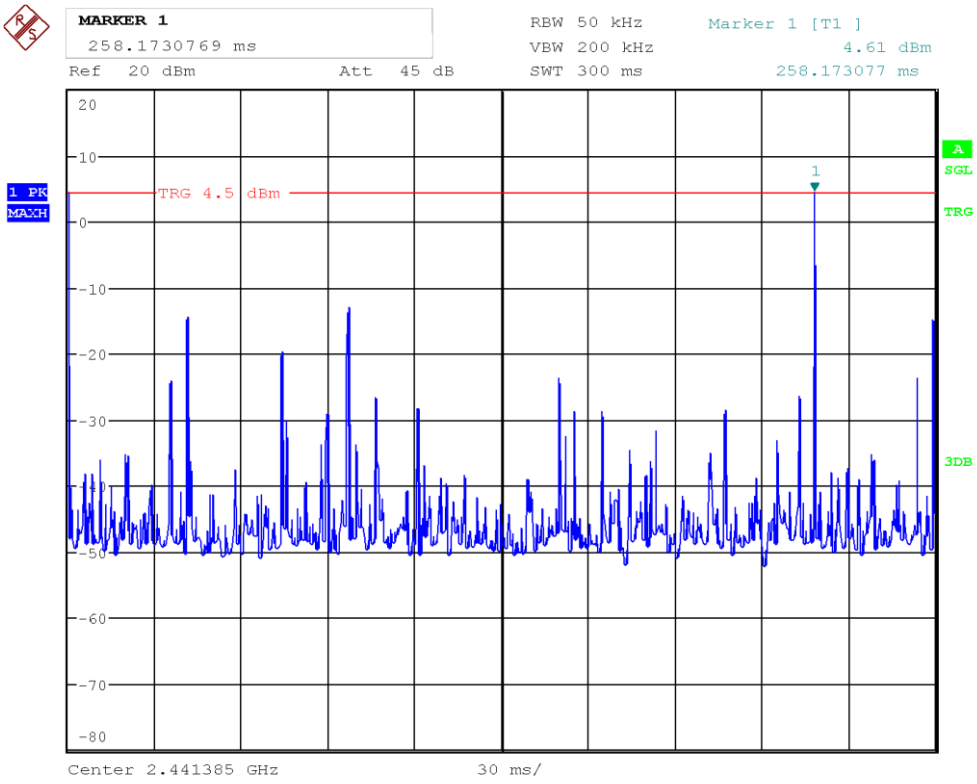
DWelltime_low_Channel_24s_Sweep

Number of Transmissions = 93

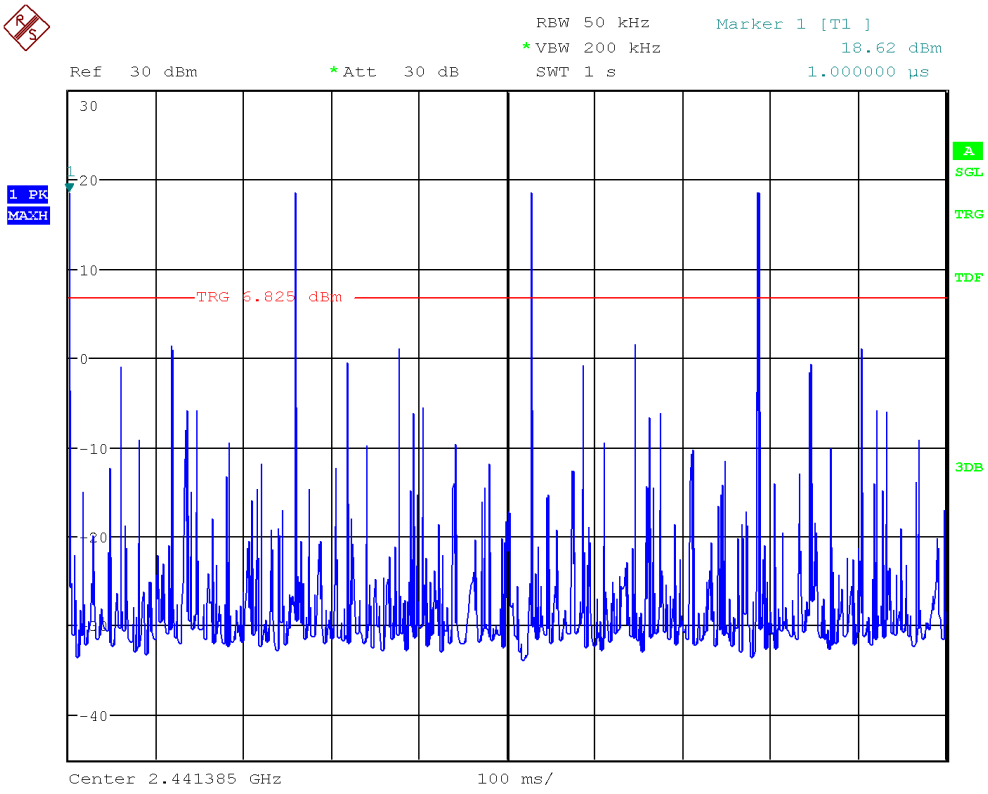
2.7.2. Mid Channel



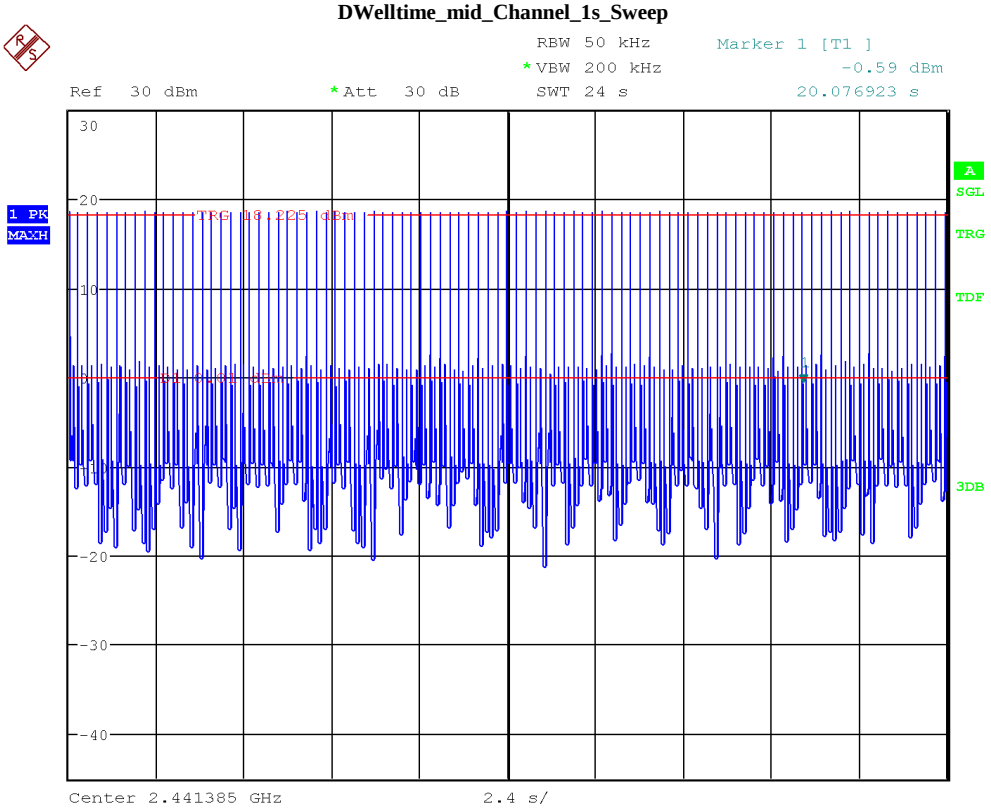
DWelltime_mid Channel



DWelltime_midChannel_300ms_Sweep



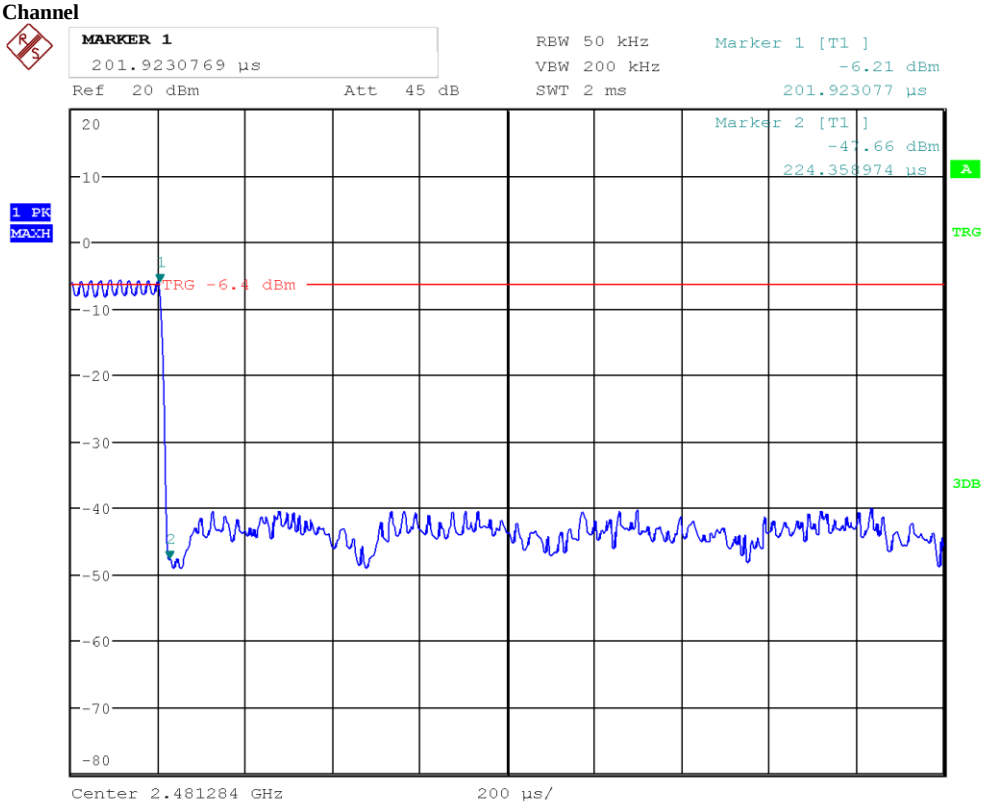
DWelltime_mid_Channel_1s_Sweep



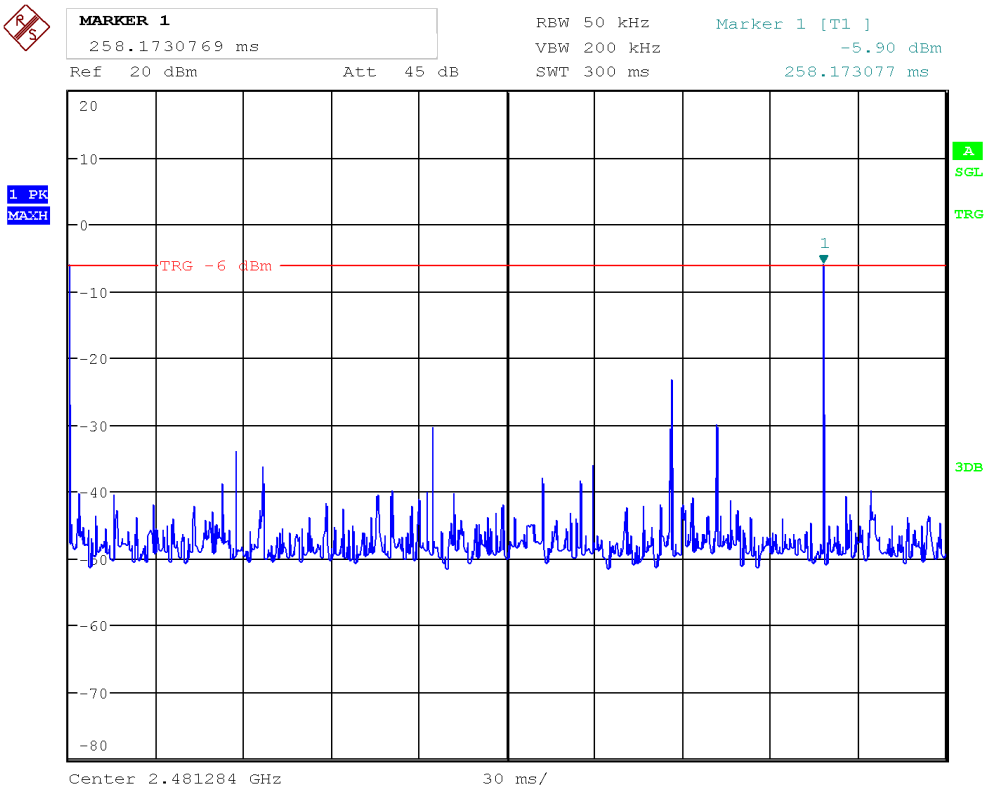
DWelltime_mid_Channel_24s_Sweep

Number of Transmissions = 93

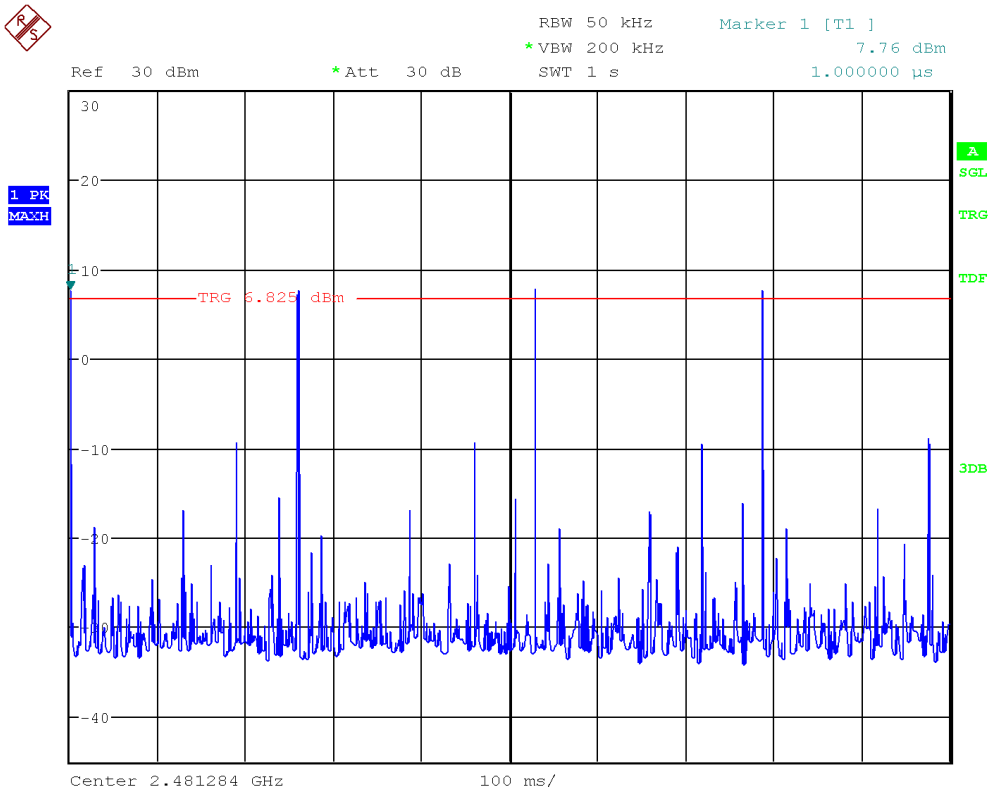
2.7.3. High Channel



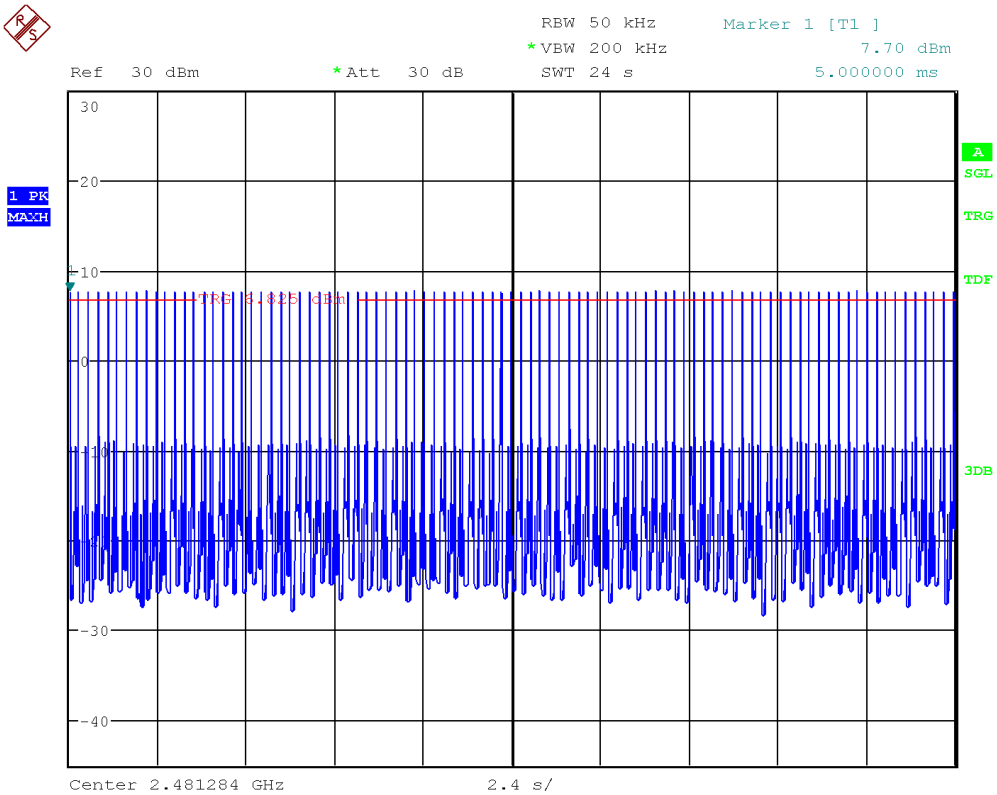
DWelltime_high Channel



DWelltime_high Channel_300ms_Sweep



DWelltime_highChannel_1s_Sweep

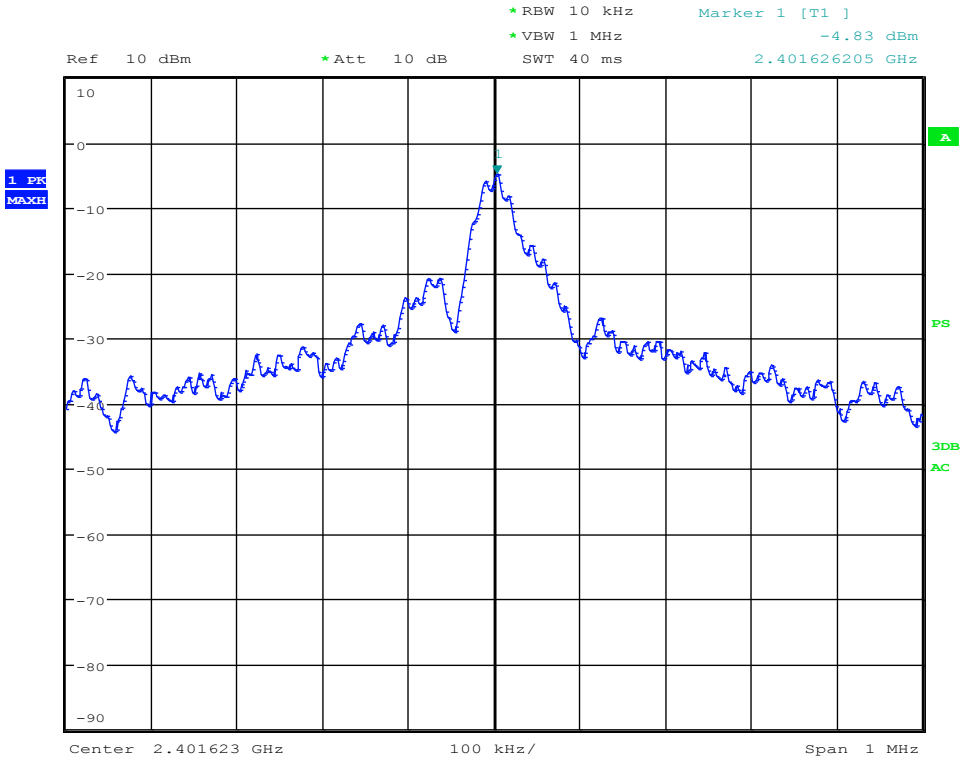


DWelltime_highChannel_24s_Sweep

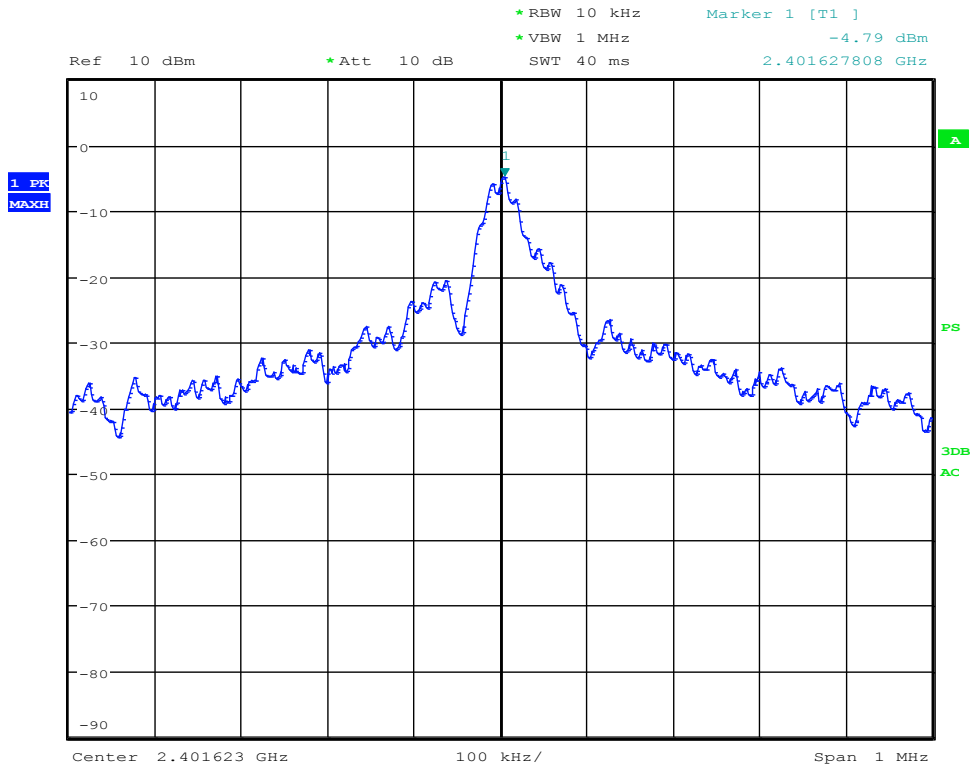
Number of Transmissions = 93

2.8. Frequency Stability

2.8.1. Tnom

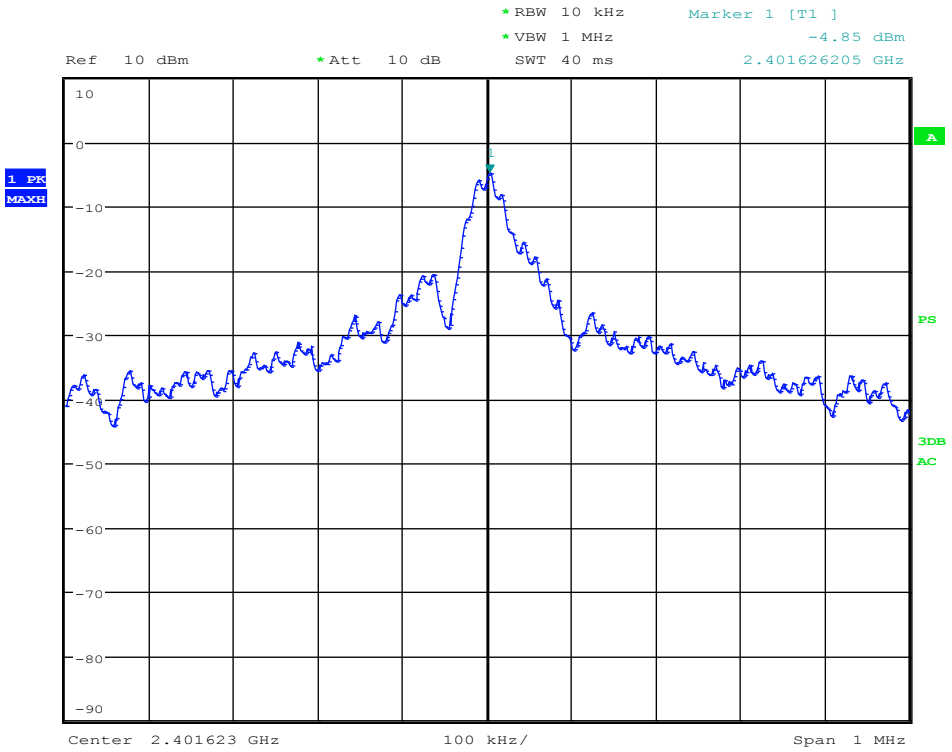


Tnom_ch_low_Vnom

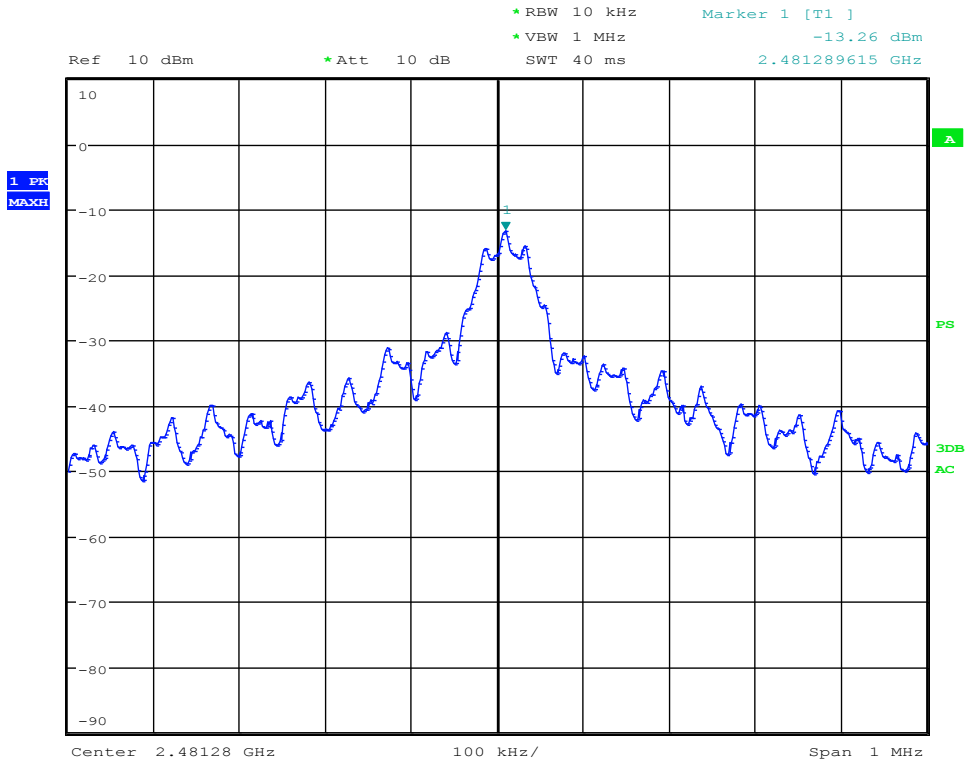


5

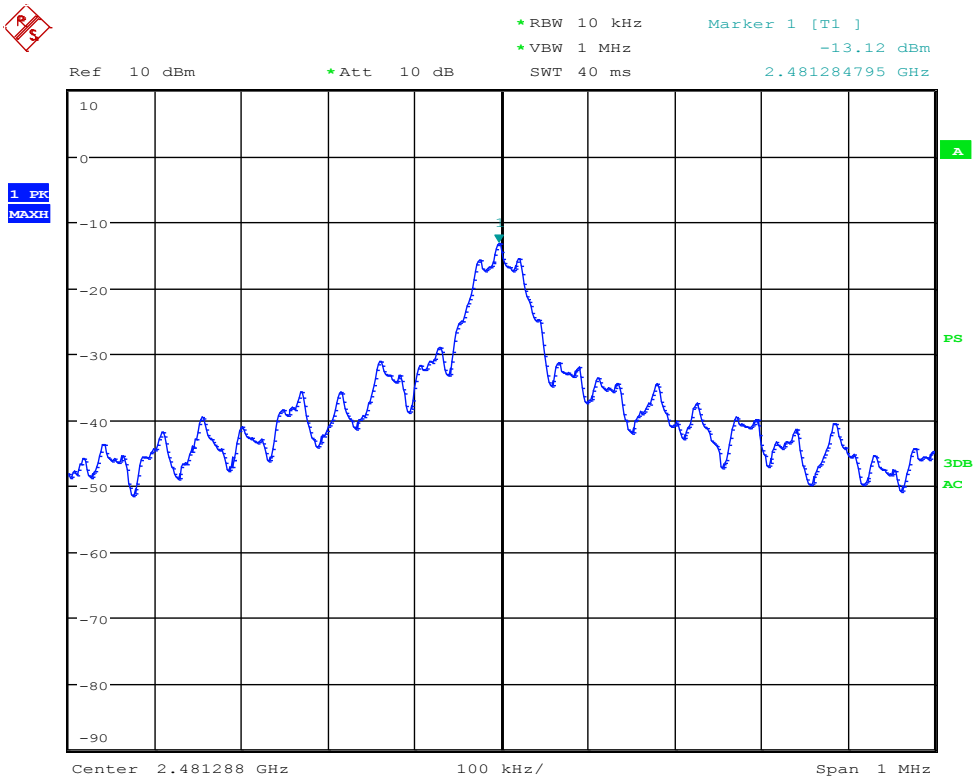
Tnom_ch_low_Vmin



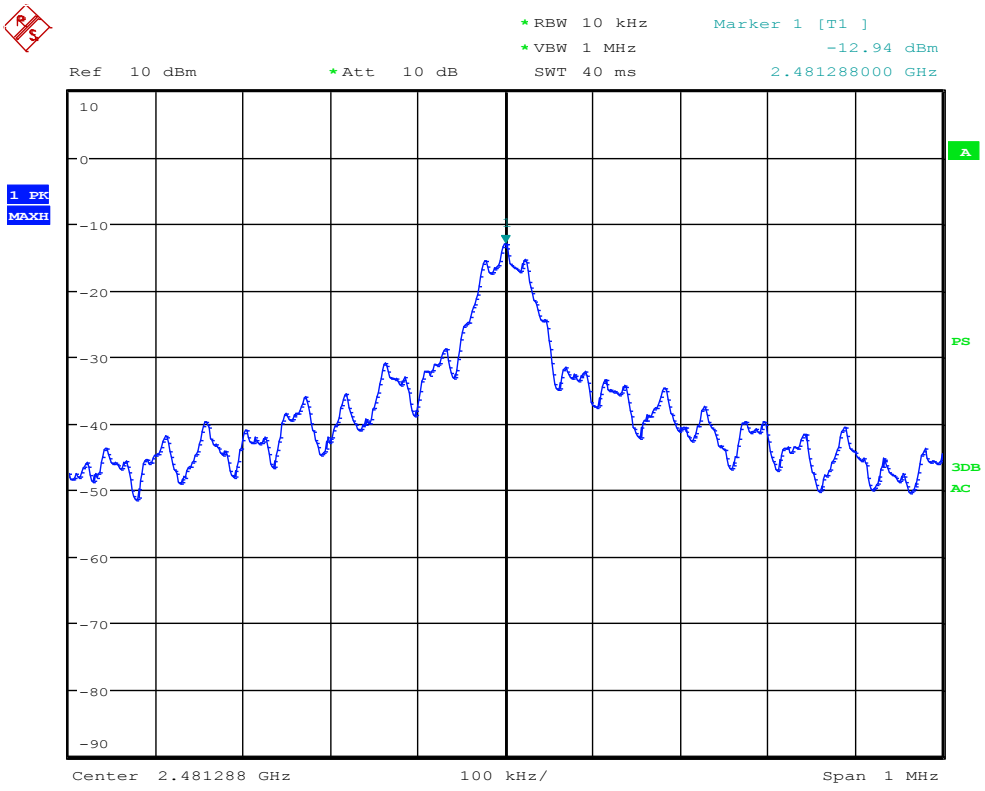
Tnom_ch_low_Vmax



freq_stab_tnom_ch_high_Vnom

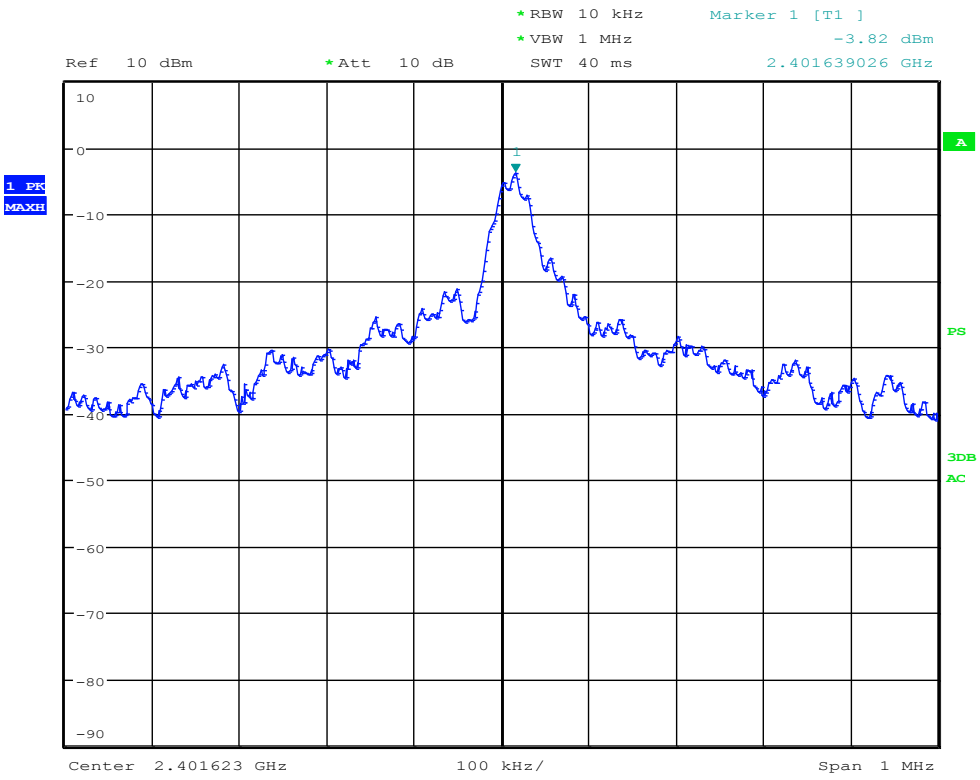


freq_stab_tnom_ch_high_Vmin

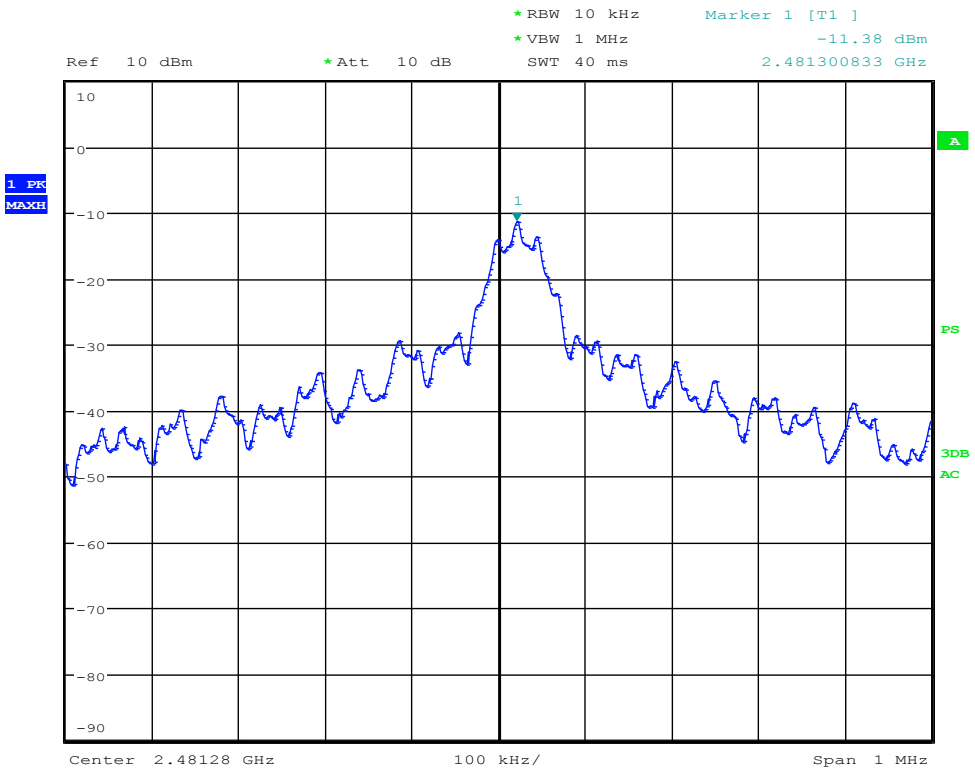


freq_stab_tnom_ch_high_Vmax

2.8.2. Tmin

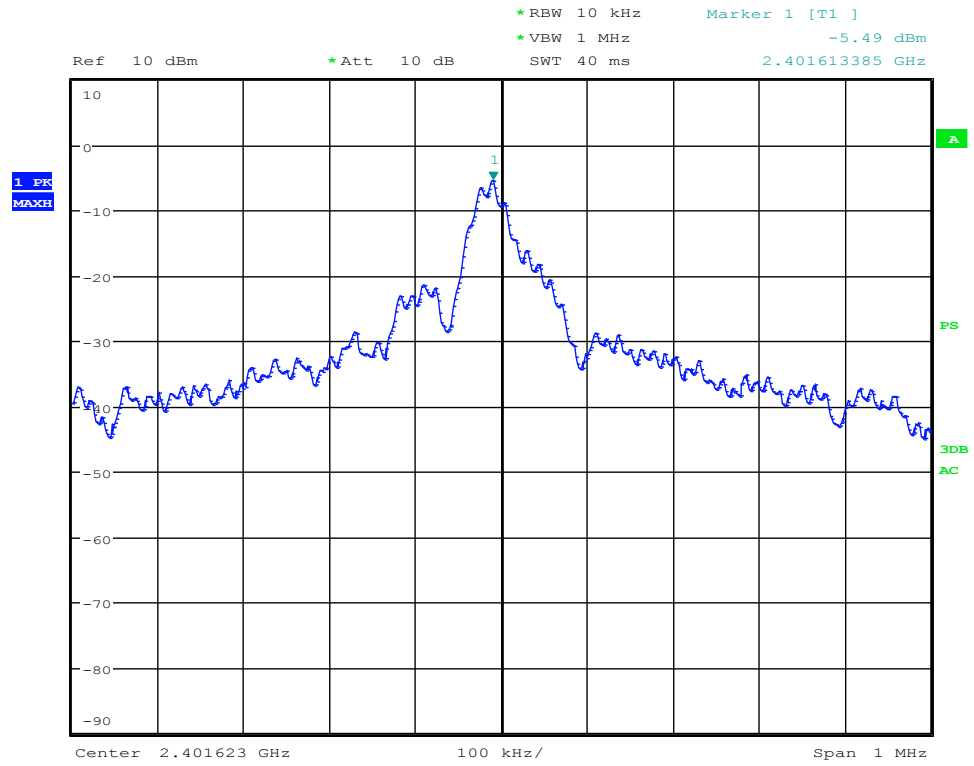


Tmin_ch_low_Vnom

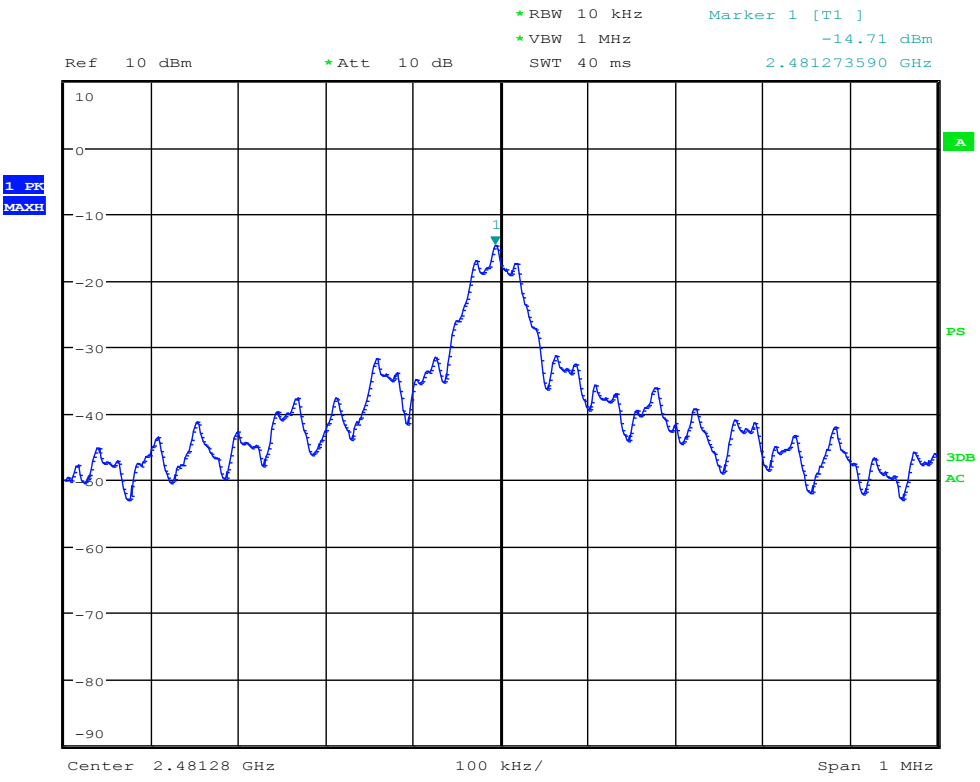


Tmin_ch_high_Vnom

2.8.3. Tmax



Tmax_ch_low_Vnom



Tmax_ch_high_Vnom

3. Radiated Field Strength Measurements

3.1. Radiated Field Strength Emissions - 9kHz to 30MHz

Diagram No. 2.01_WFP-low

Date: 20.09.2018 Page 1 of 1

Test description:	Magnetic Field Strength Measurement related to 30/300 m distance
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:	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
Test specification:	FCC 15.205 § 15.209; RSS-Gen: Issue 5
Operator:	MSo
Operating conditions:	TX-on
Power during tests:	120 V AC see op. 1
Comment 1:	Channel low

EUT Information

Manufacturer:	Miele
EUT Model:	EPI7684
HW:	
SW;	
Serial Nr.:	0000154-18-08
Conected Devices:	120VAC - Oven H6880-2BP

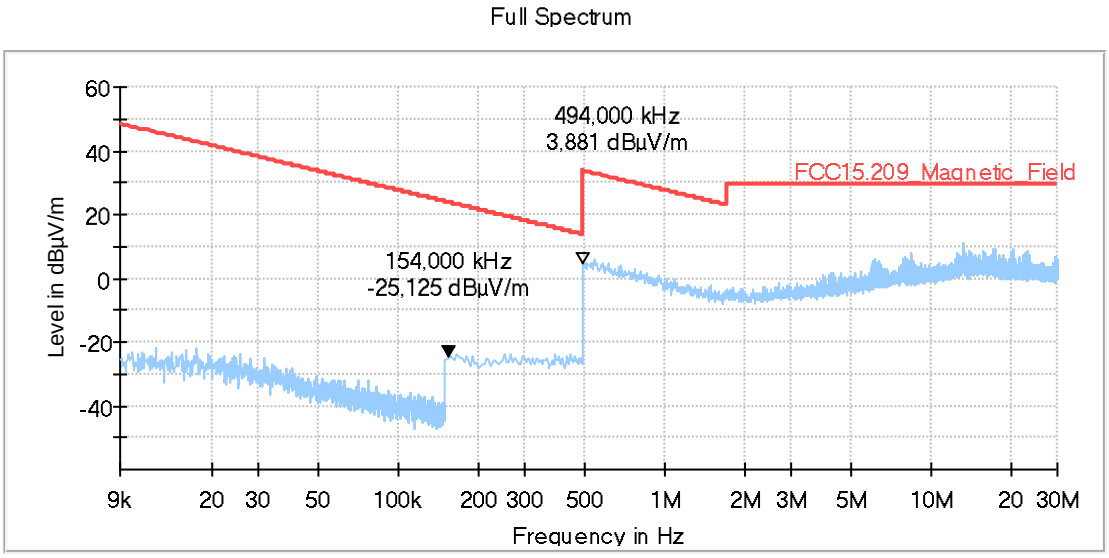


Diagram No. 2.02_WFP-mid

Date: 20.09.2018 Page 1 of 1

Test description:	Magnetic Field Strength Measurement related to 30/300 m distance
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:	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
Test specification:	FCC 15.205 § 15.209; RSS-Gen: Issue 5
Operator:	MSo
Operating conditions:	TX-on
Power during tests:	120 V AC see op. 1
Comment 1:	Channel mid

EUT Information

Manufacturer:	Miele
EUT Model:	EPI7684
HW:	
SW;	
Serial Nr.:	0000154-18-08
Conected Devices:	120VAC - Oven H6880-2BP

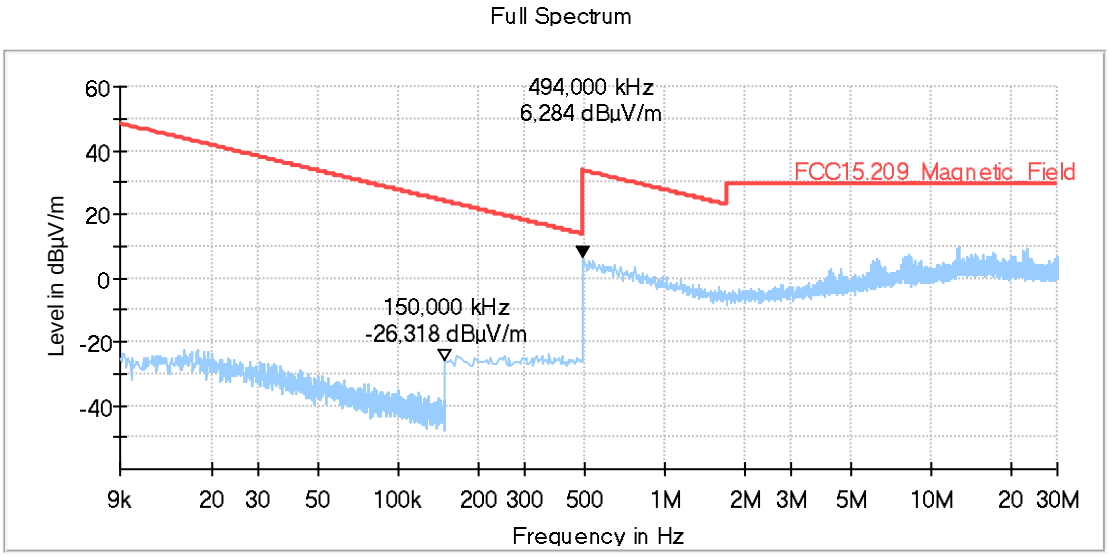


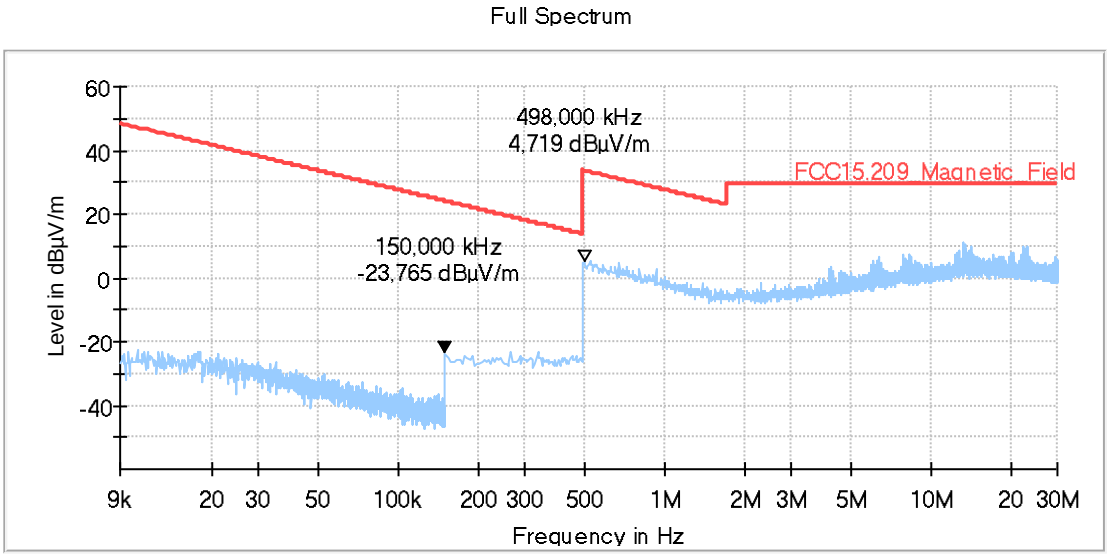
Diagram No. 2.03_WFP-high

Date: 20.09.2018 Page 1 of 1

Test description:	Magnetic Field Strength Measurement related to 30/300 m distance
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:	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
Test specification:	FCC 15.205 § 15.209; RSS-Gen: Issue 5
Operator:	MSo
Operating conditions:	TX-on
Power during tests:	120 V AC see op. 1
Comment 1:	Channel high

EUT Information

Manufacturer:	Miele
EUT Model:	EPI7684
HW:	
SW;	
Serial Nr.:	0000154-18-08
Conected Devices:	120VAC - Oven H6880-2BP



3.2. Radiated Field Strength Emissions - 30MHz to 1GHz

Diagram No. 3.01a_WFP-low

	20.09.2018 Page 1 of 1
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
Technical Data:	please see page 2 for detailed data of measurement setup
Test specification.:	FCC 15.209; RSS-Gen: Issue 5
Operator:	LKu
Operating conditions:	TX-on
Power during tests:	120 V AC see op. 1
Comment 1:	Low Ch

EUT Information

Manufacturer:	Miele
EUT Model:	EPI7684
HW:	
SW;	
Serial Nr.:	0000154-18-08
Conected Devices:	120VAC - Oven H6880-2BP

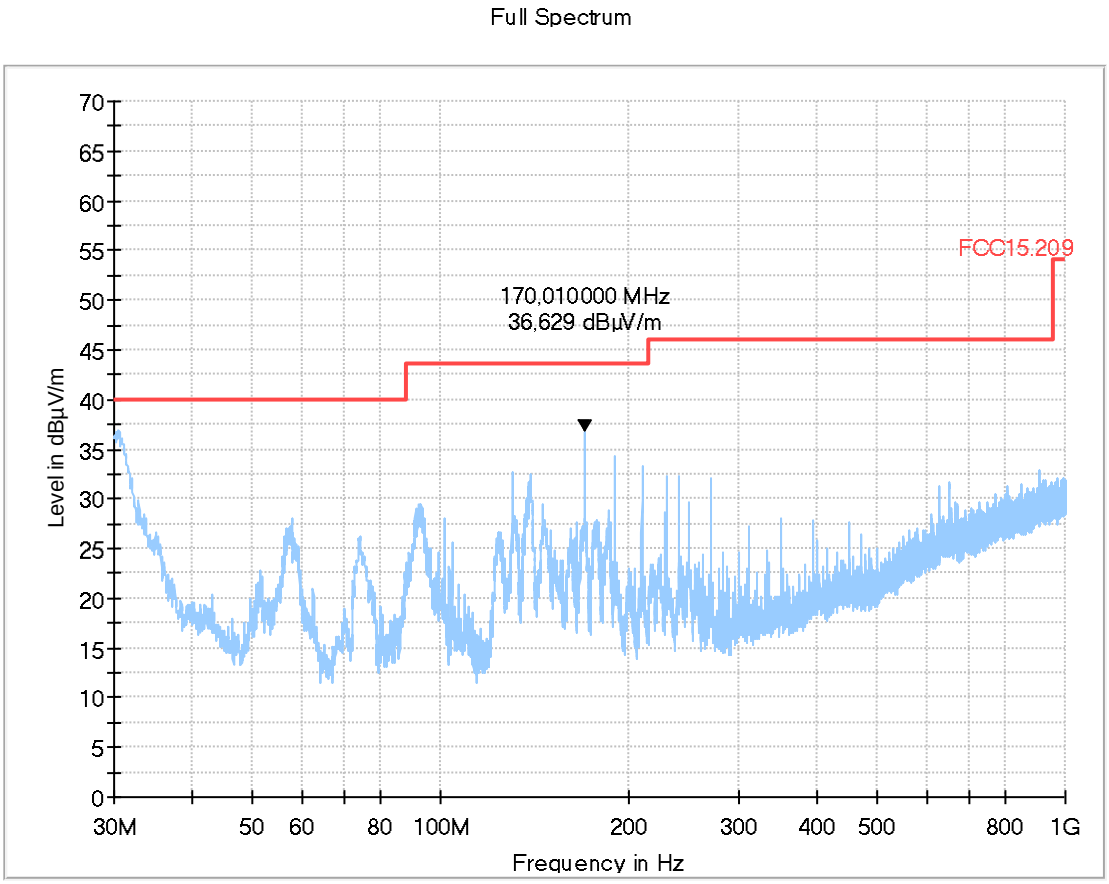


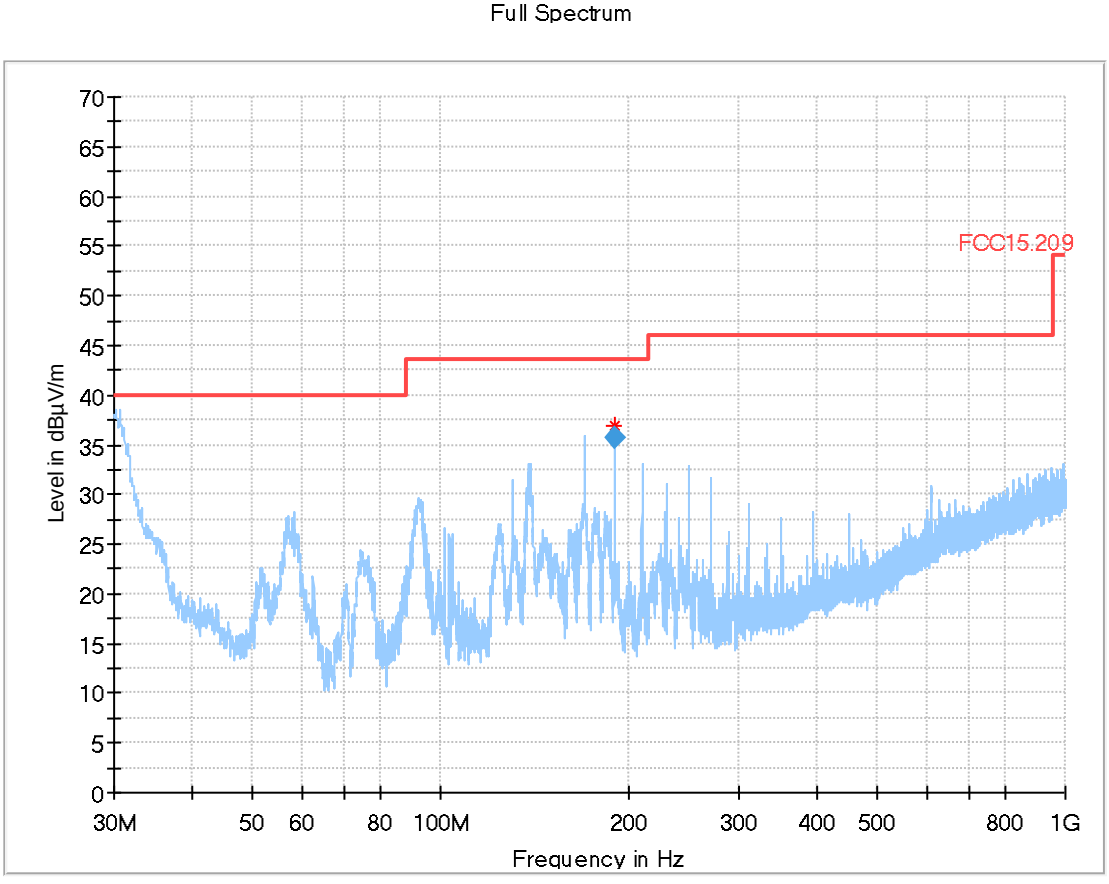
Diagram No. 3.02a_WFP-mid

20.09.2018 Page 1 of 1

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
Technical Data:	please see page 2 for detailed data of measurement setup
Test specification.:	FCC 15.209; RSS-Gen: Issue 5
Operator:	LKu
Operating conditions:	TX-on
Power during tests:	120 V AC see op. 1
Comment 1:	Mid Ch

EUT Information

Manufacturer:	Miele
EUT Model:	EPI7684
HW:	
SW;	
Serial Nr.:	0000154-18-08
Conected Devices:	120VAC - Oven H6880-2BP



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)
189.989000	35.79	43.50	7.71	1000.0	120.000	105.0	H	67.0	0.0	11.4

(continuation of the "Final_Result" table from column 17 ...)

Frequency (MHz)	Comment

189.989000	14:23:26 - 20.09.2018

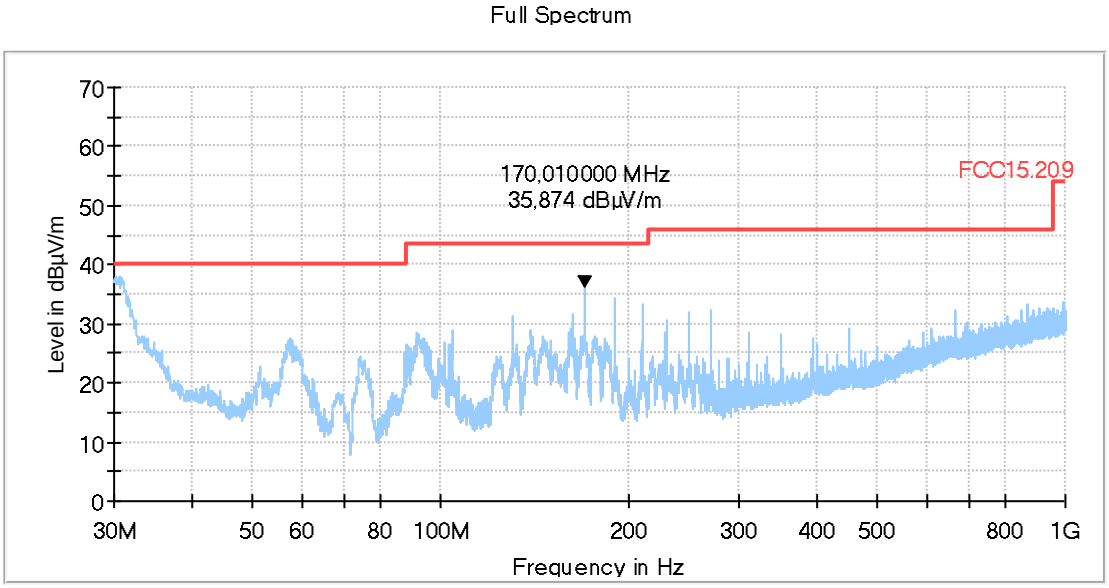
Diagram No. 3.03a_WFP-high

20.09.2018 Page 1 of 1

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
Technical Data:	please see page 2 for detailed data of measurement setup
Test specification.:	FCC 15.209; RSS-Gen: Issue 5
Operator:	MSo
Operating conditions:	TX-on
Power during tests:	120 V AC see op.. 1
Comment 1:	High Ch

EUT Information

Manufacturer:	Miele
EUT Model:	EPI7684
HW:	
SW;	
Serial Nr.:	0000154-18-08
Conected Devices:	120VAC - Oven H6880-2BP



3.3. Radiated Field Strength Emissions - 1GHz to 18GHz

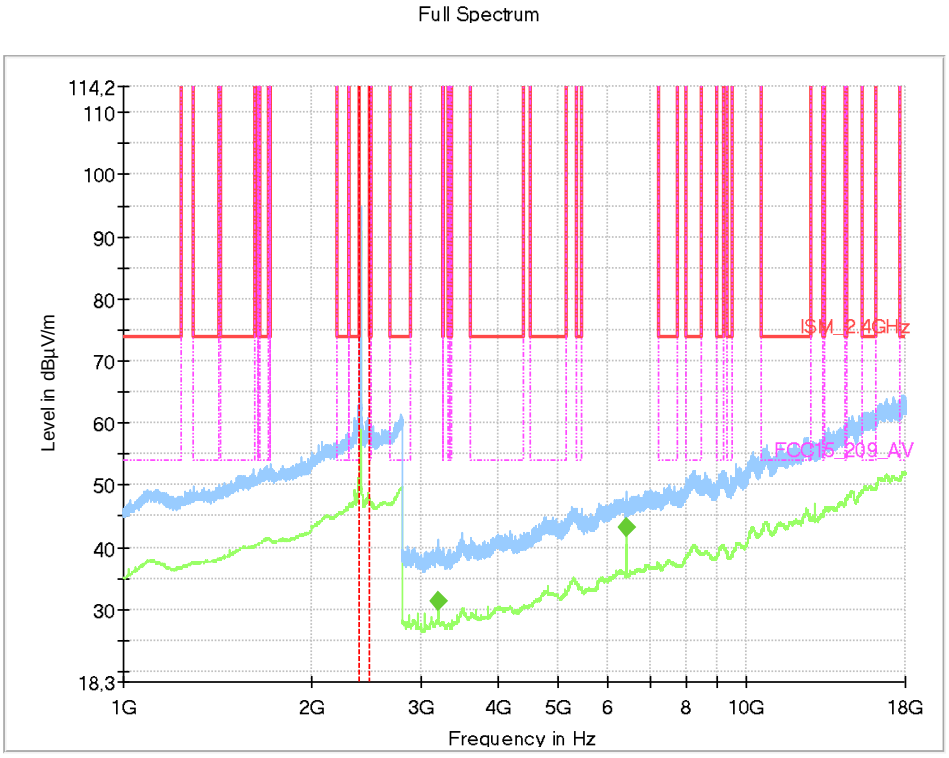
Diagram 4.01_WFP-low

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:	WFP TX
Operator Name:	TFr
Operating conditions:	TX-on
Power during tests:	120 V AC see op. 1
Comment:	Channel no. low

EUT Information

Manufacturer:	Miele
EUT Model:	EPI7684
HW:	
SW;	
Serial Nr.:	0000154-18-08
Conected Devices:	120VAC - Oven H6880-2BP



Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)
3202.000000	---	31.39	150.00	118.61	100.0	1000.000	155.0	V	122.0	0.0
6404.400000	---	43.30	150.00	106.70	100.0	1000.000	155.0	V	227.0	0.0

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

Frequency (MHz)	Corr.	Comment
3202.000000	0.2	17:01:39 - 06.06.2018
6404.400000	8.6	17:03:27 - 06.06.2018

Diagram 4.02_WFP-mid

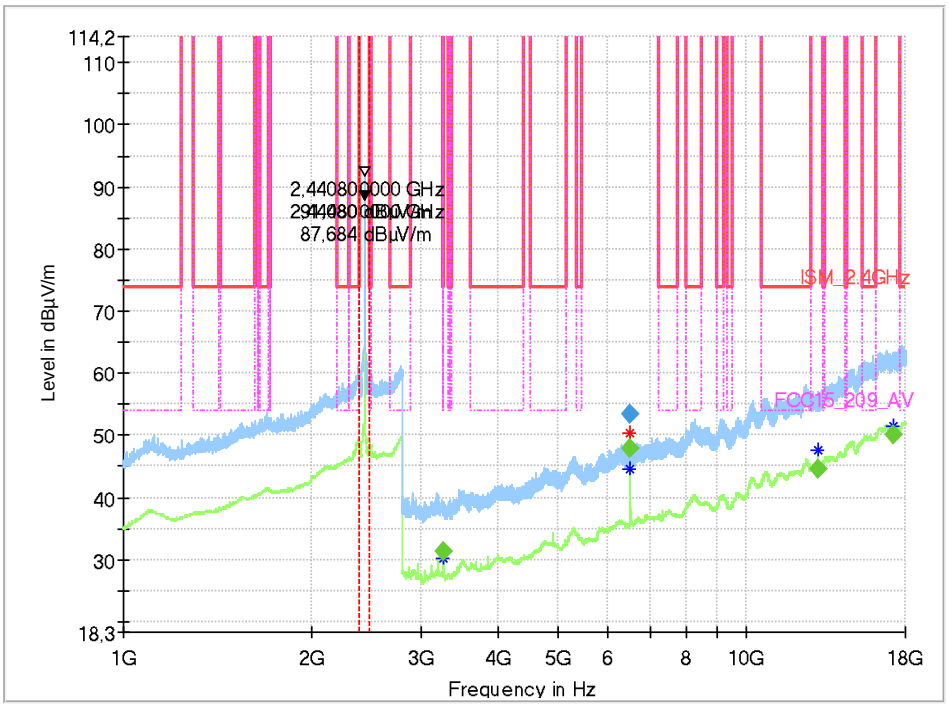
Common Information

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:	WFP TX
Operator Name:	TFr
Operating conditions:	TX-on
Power during tests:	120 V AC see op. 1
Comment:	Channel no. mid

EUT Information

Manufacturer:	Miele
EUT Model:	EPI7684
HW:	
SW;	
Serial Nr.:	0000154-18-08
Conected Devices:	120VAC - Oven H6880-2BP

Full Spectrum



Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)
3254.400000	---	31.24	150.00	118.76	100.0	1000.000	155.0	V	126.0	0.0
6522.000000	---	48.04	150.00	101.96	100.0	1000.000	155.0	V	145.0	0.0
6522.000000	53.31	---	150.00	96.69	100.0	1000.000	155.0	V	146.0	0.0
13043.600000	---	44.68	150.00	105.32	100.0	1000.000	155.0	V	24.0	0.0
17206.400000	---	50.12	150.00	99.88	100.0	1000.000	155.0	V	100.0	0.0

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

Frequency (MHz)	Corr.	Comment
3254.400000	0.0	15:57:30 - 06.06.2018
6522.000000	9.1	16:01:03 - 06.06.2018
6522.000000	9.1	15:53:42 - 06.06.2018
13043.600000	19.0	15:55:52 - 06.06.2018
17206.400000	26.2	15:59:25 - 06.06.2018

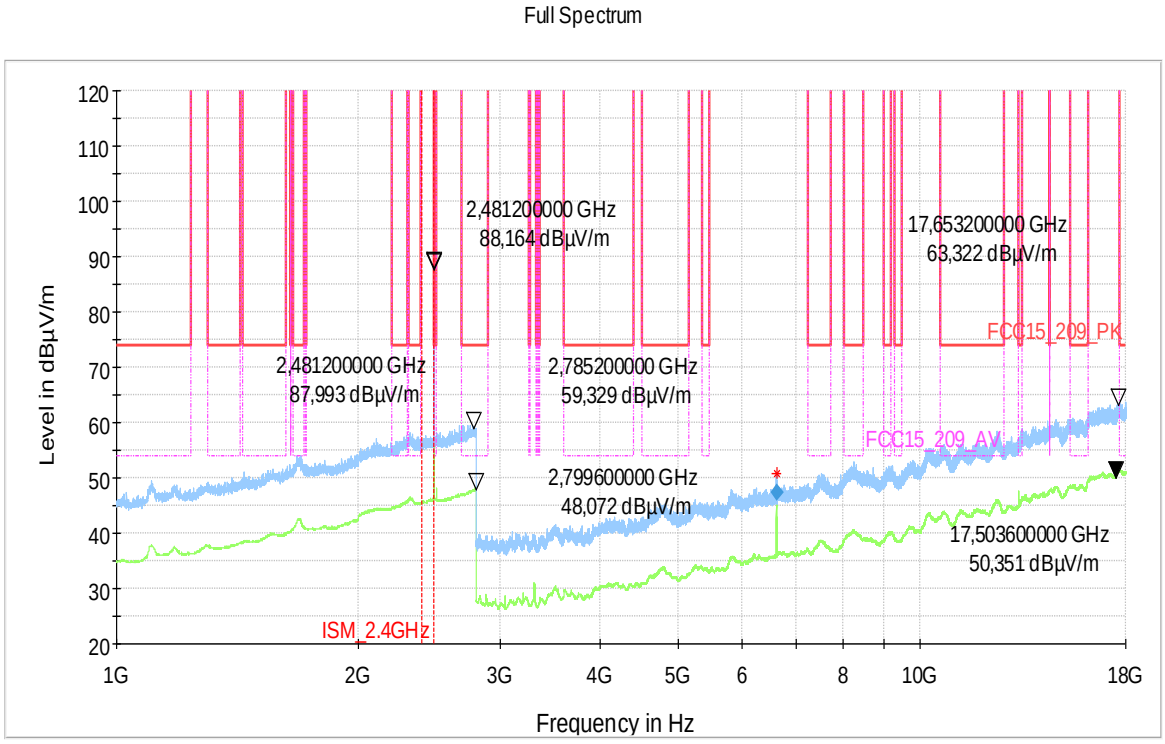
Diagram No.: 4.03_WFP-high

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:	TX, high
Operator Name:	MSo
Operating conditions:	TX-on
Power during tests:	120 V AC see op. 1

EUT Information

Manufacturer:	Miele
EUT Model:	EPI7684
HW:	
SW;	
Serial Nr.:	0000154-18-08
Conected Devices:	120VAC - Oven H6880-2BP



Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)
6616.800000	47.38	---	150.00	102.62	100.0	1000.000	155.0	H	153.0	0.0

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

Frequency (MHz)	Corr.	Comment
6616.800000	9.2	13:52:52 - 21.09.2018

3.4. Radiated Field Strength Emissions - 18GHz to 25GHz

Diagram 4.01_WFP-low

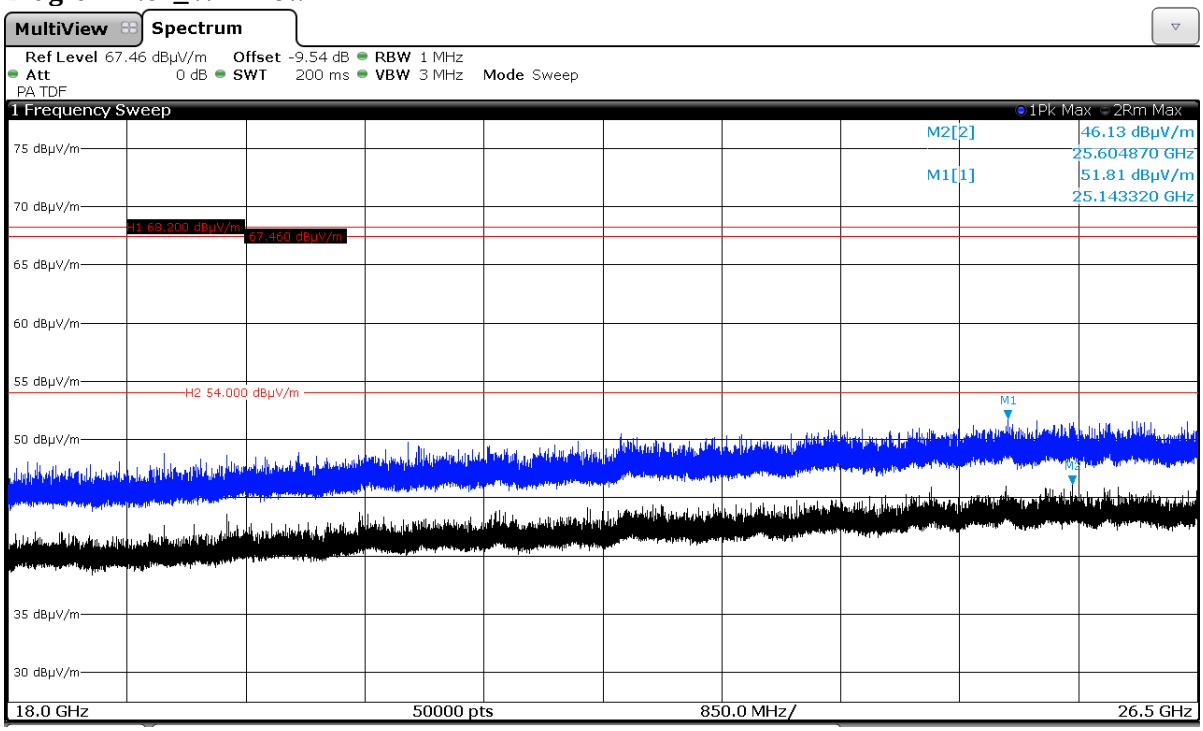


Diagram 4.02_WFP-mid

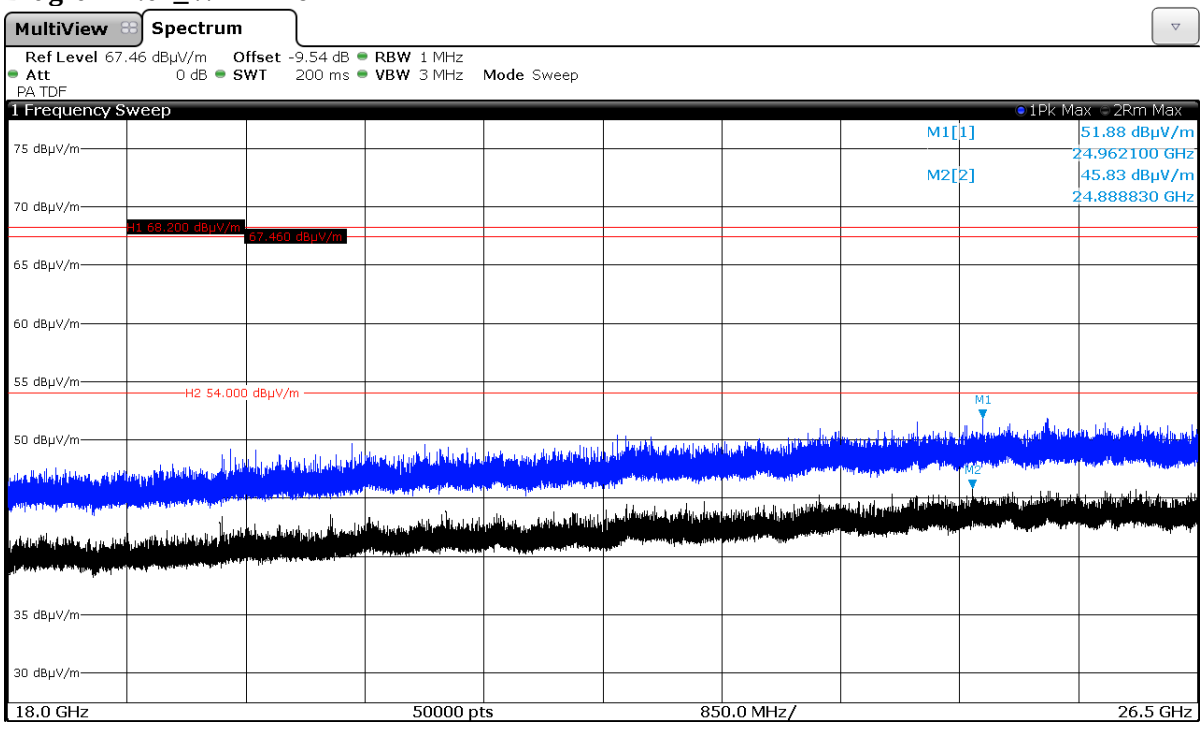
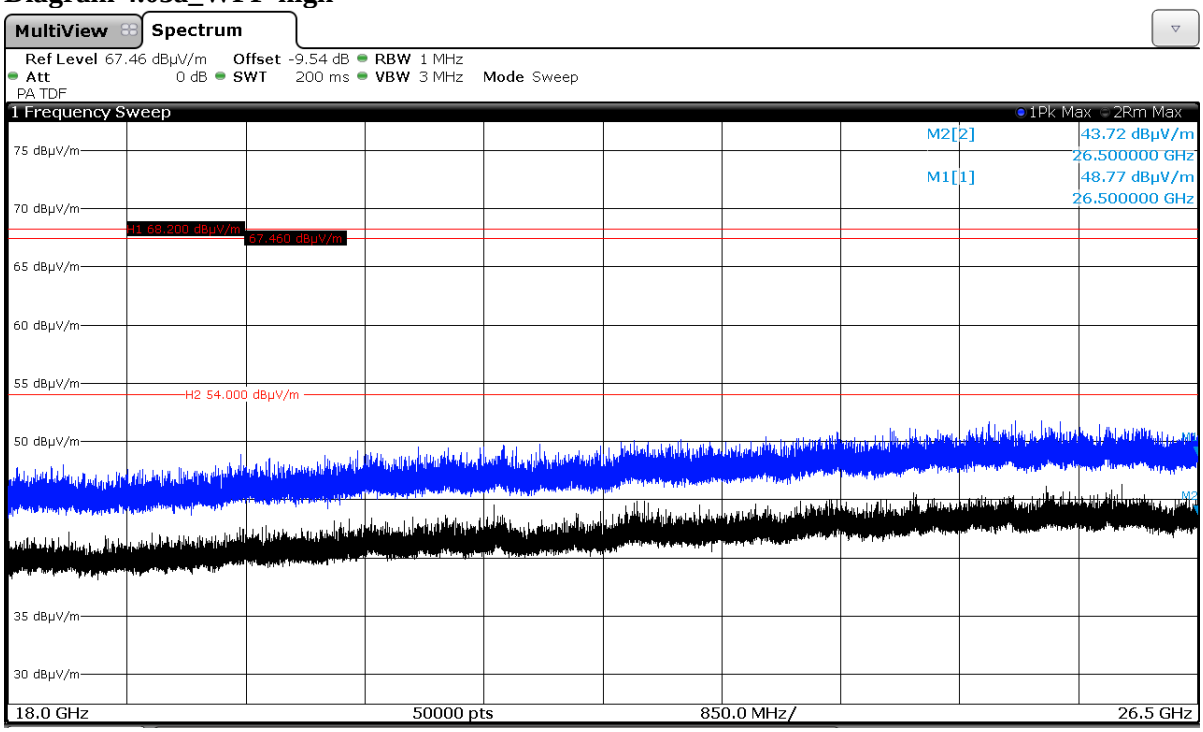


Diagram 4.03a_WFP-high



3.5. Radiated Band-Edge Measurements

3.5.1. Low Channel 2402.5 MHz (2.4 GHz ISM: left band edge)

Diagram No.: 9.01_BE_WFP-low

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:	TX, continuous
Operator Name:	TFr
Comment:	Channel no. low
Operating conditions:	TX-on
Power during tests:	120 V AC see op. 1

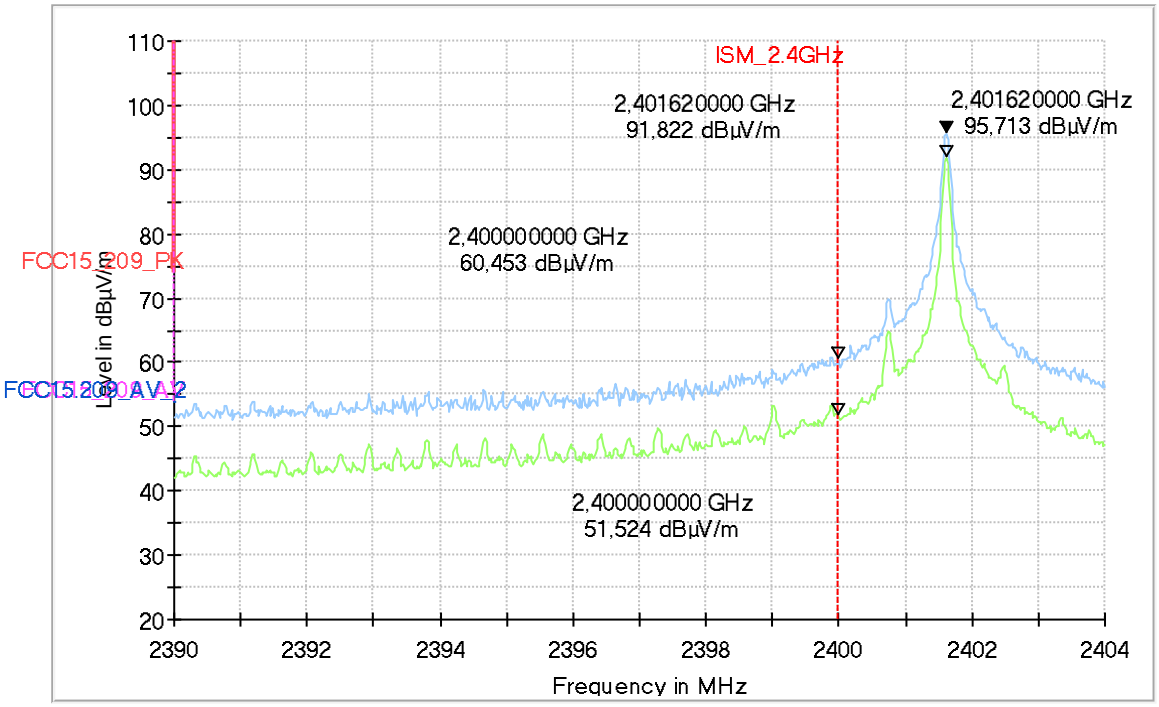


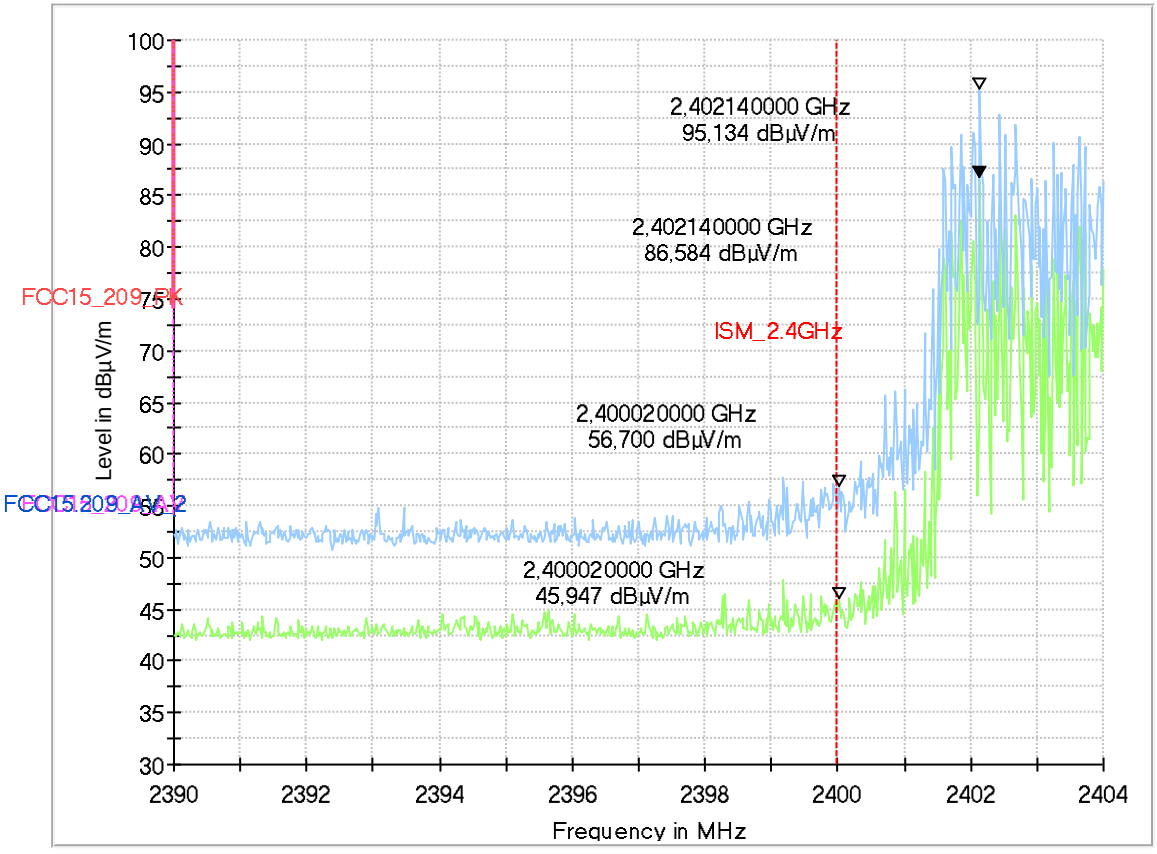
Diagram No.: 9.03_BE_WFP-HoppingON_low

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:	TX, continuous
Operator Name:	TFr
Comment:	Channel no. low
Operating conditions:	TX-on
Power during tests:	120 V AC see op. 1

EUT Information

Manufacturer:	Miele
EUT Model:	EPI7684
HW:	
SW;	
Serial Nr.:	0000154-18-08
Conected Devices:	120VAC - Oven H6880-2BP

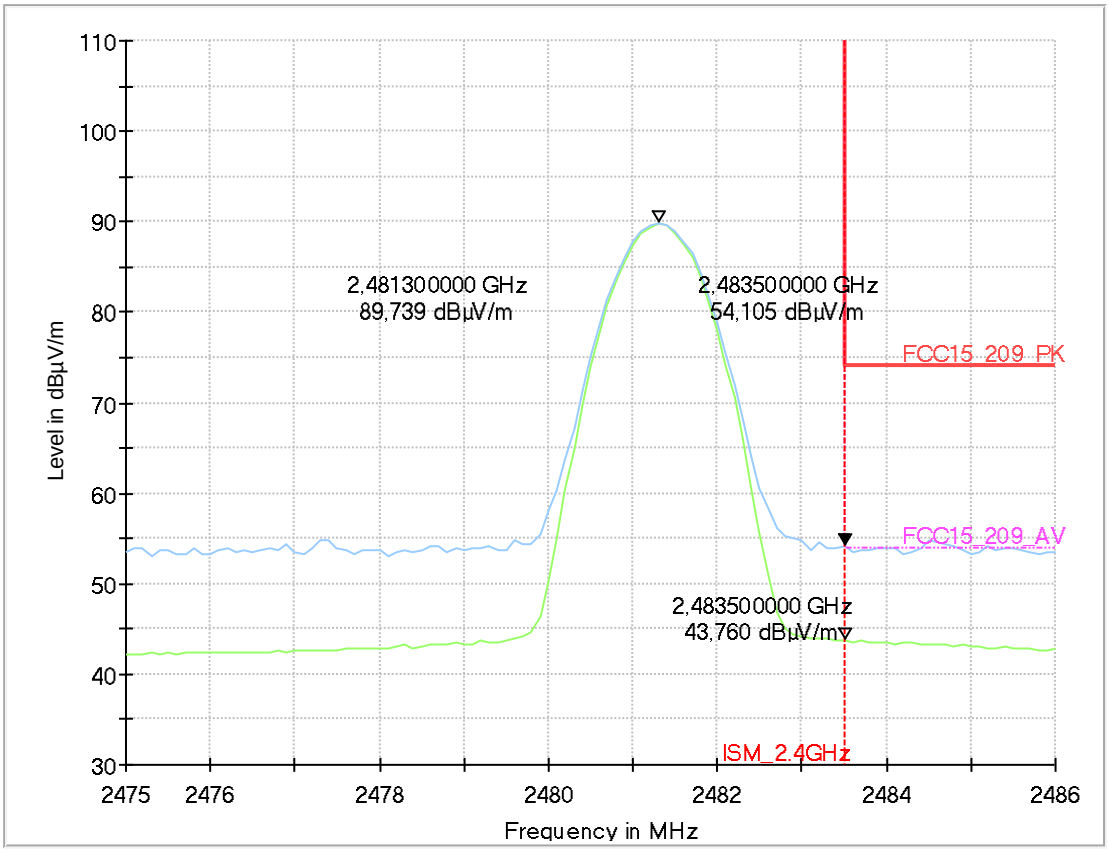


3.5.2. High Channel 2471.5 MHz (2.4 GHz ISM: right band edge)

Diagram No.: 9.02_BE_WFP-high

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:	TX, continuous
Operator Name:	Lor
Comment:	Channel no. high
Operating conditions:	TX-on
Power during tests:	120 V AC see op. 1



3.5.3. High Channel Hopping mode(2.4 GHz ISM: right band edge)

Diagram No.: 9.04_BE_WFP-HoppingON_high

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:	TX, continuous
Operator Name:	MSo
Comment:	Channel no. high
Operating conditions:	TX-on
Power during tests:	120 V AC see op. 1