

Annex 1: Measurement diagrams to Test Report 20-1-0101901T01a-C1-A1

Number of pages:	117	Date of Report:	2020-Dec-04
Testing company:	CETECOM GmbH Im Teelbruch 116 45219 Essen Germany Tel. + 49 (0) 20 54 / 95 19-0 Fax: + 49 (0) 20 54 / 95 19-150	Applicant:	Miele & Cie. KG
Test Object / Tested Device(s):	Wireless Communication Module, WLAN Module		
FCC ID:	2ACUWEK047	IC:	5669C-EK047
Testing has been carried out in accordance with:	Title 47 CFR, Chapter I FCC Regulations, Subchapter A §15.247 (DTS) ISED-Regulations RSS-Gen, Issue 5 RSS 247, Issue 2 Deviations, modifications or clarifications (if any) to above mentioned documents are written in each section under "Test method and limit".		

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1 Radiated measurements

2.01a_b-mode_ch01

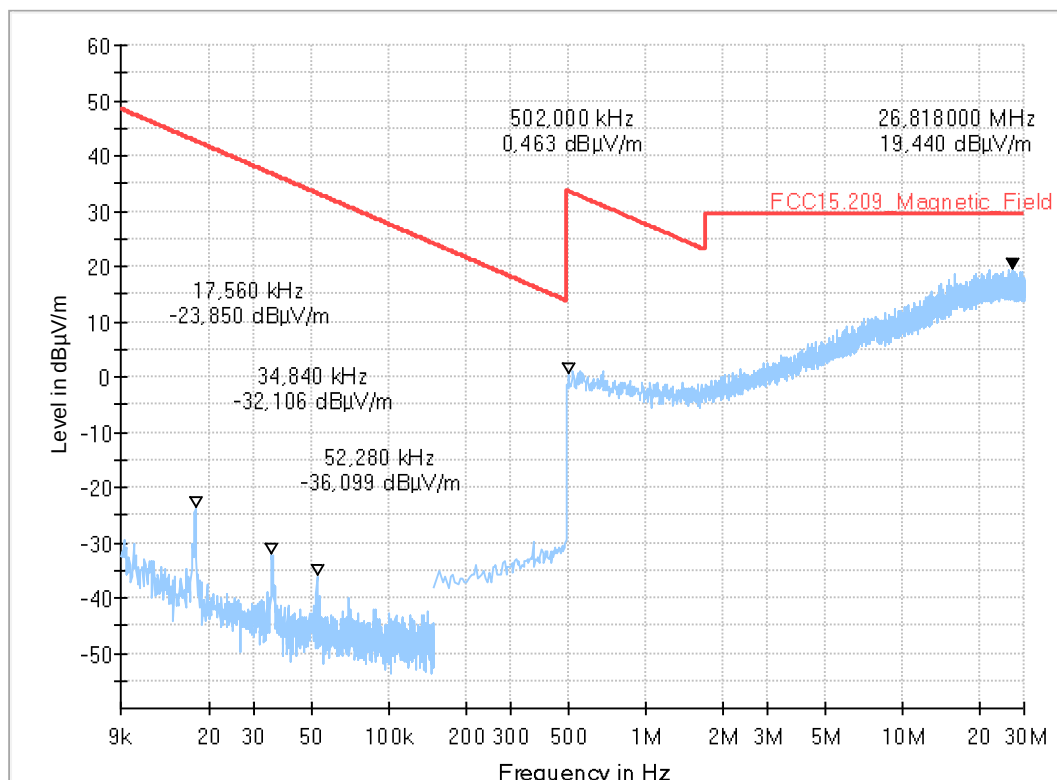
Common Information

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:	TFra
Operating Mode:	b 2 Mbps ch01 EUT laying
Environmental Conditions::	Humidity : 55% rH; Temperature: 20 °C
EUT Setup:	1
Verdict:	Passed
Comment:	

EUT Information

PMT number:	20-1-01019S08_C01
Manufacturer:	Miele & Cie. KG
	Full Spectrum



2.01b_b-mode_ch01

Common Information

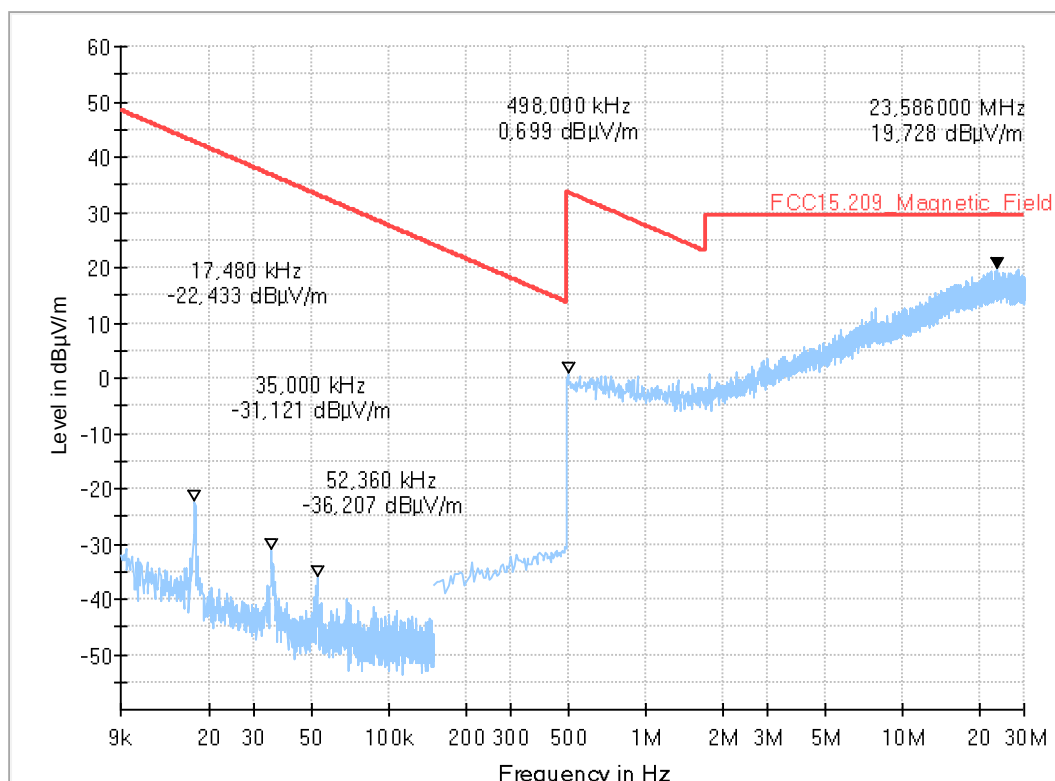
Test Description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test Site Location:	Ref.-Nr. 441 Semi Anechoic Chamber (SAC1) with 3 m measurement distance
Version of Testsoftware:	EMC32 V10.50.0
Distance correction:	used accord. table, pls. see test report
Technical Data:	Please see 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:	TFra
Operating Mode:	b 2 Mbps ch01 EUT standing
Environmental Conditions:	Humidity : 60% rH; Temperature: 20 °C
EUT Setup:	1
Verdict:	Passed
Comment:	

EUT Information

PMT number:	20-1-01019S08_C01
Manufacturer:	Miele & Cie. KG

Full Spectrum



2.02a_g-mode_ch06

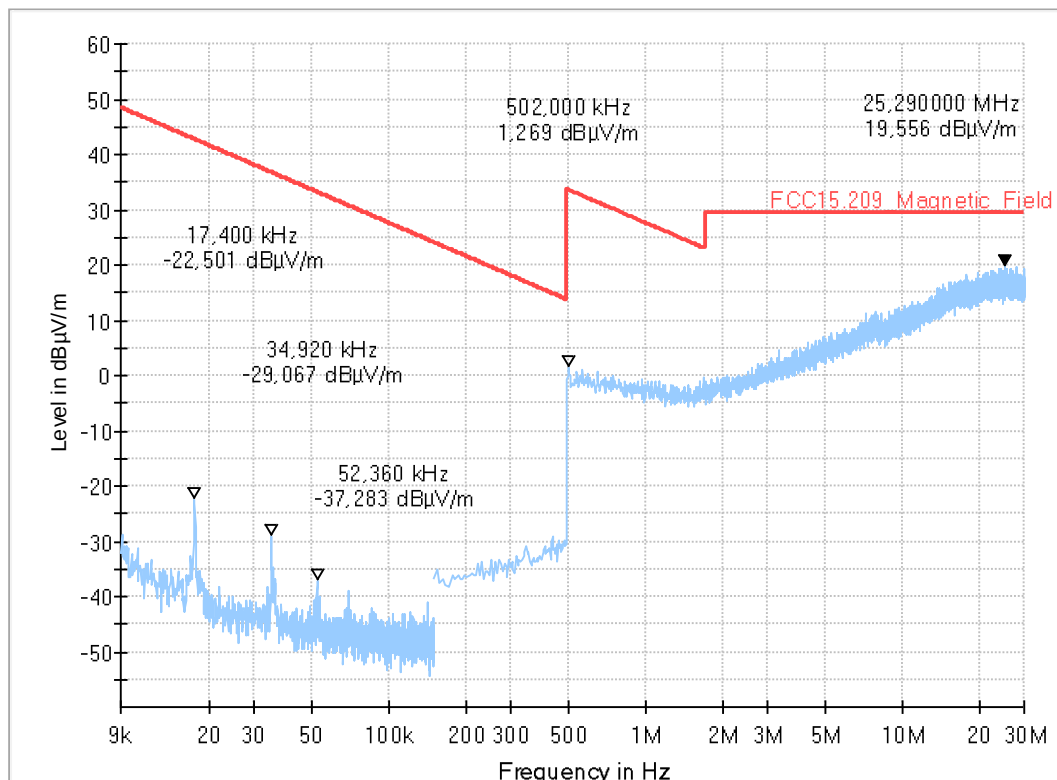
Common Information

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:	TFra
Operating Mode:	g 6 Mbps ch06 EUT laying
Environmental Conditions:	Humidity : 60% rH; Temperature: 20 °C
EUT Setup:	1
Verdict:	Passed
Comment:	

EUT Information

PMT number:	20-1-01019S08_C01
Manufacturer:	Miele & Cie. KG

Full Spectrum



2.02b_g-mode_ch06

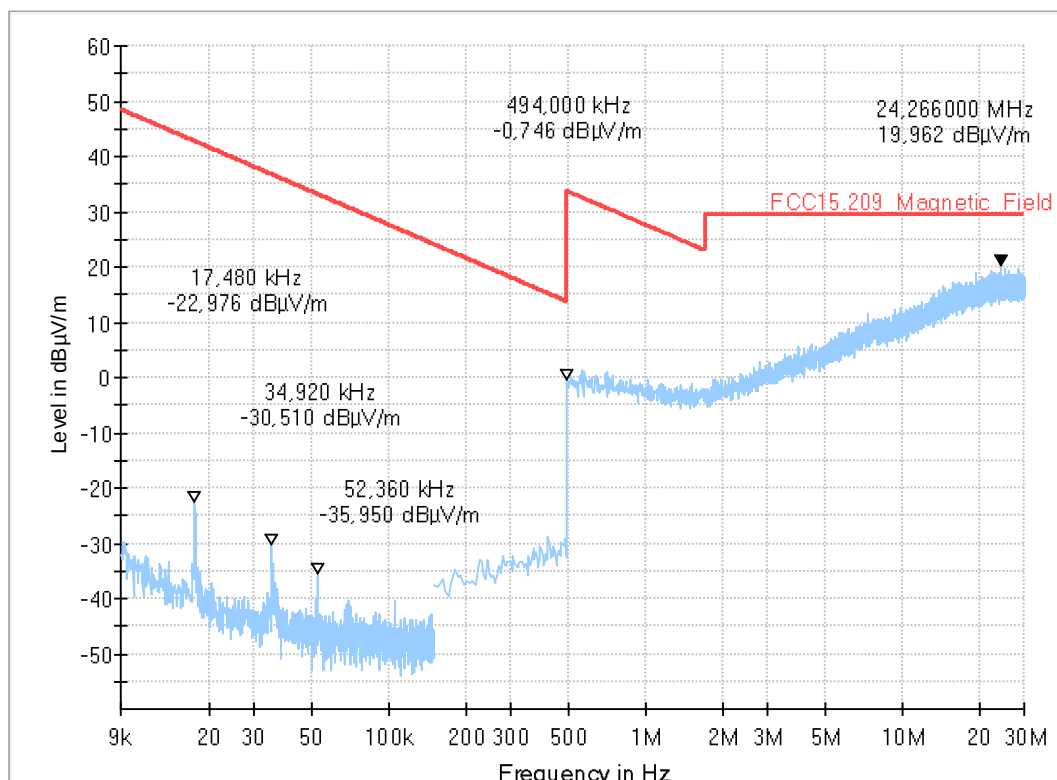
Common Information

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:	TFra
Operating Mode:	g 6 Mbps ch06 EUT standing
Environmental Conditions:	Humidity : 60% rH; Temperature: 20 °C
EUT Setup:	1
Verdict:	Passed
Comment:	

EUT Information

PMT number:	20-1-01019S08_C01
Manufacturer:	Miele & Cie. KG

Full Spectrum



2.03a_n20-mode_ch11

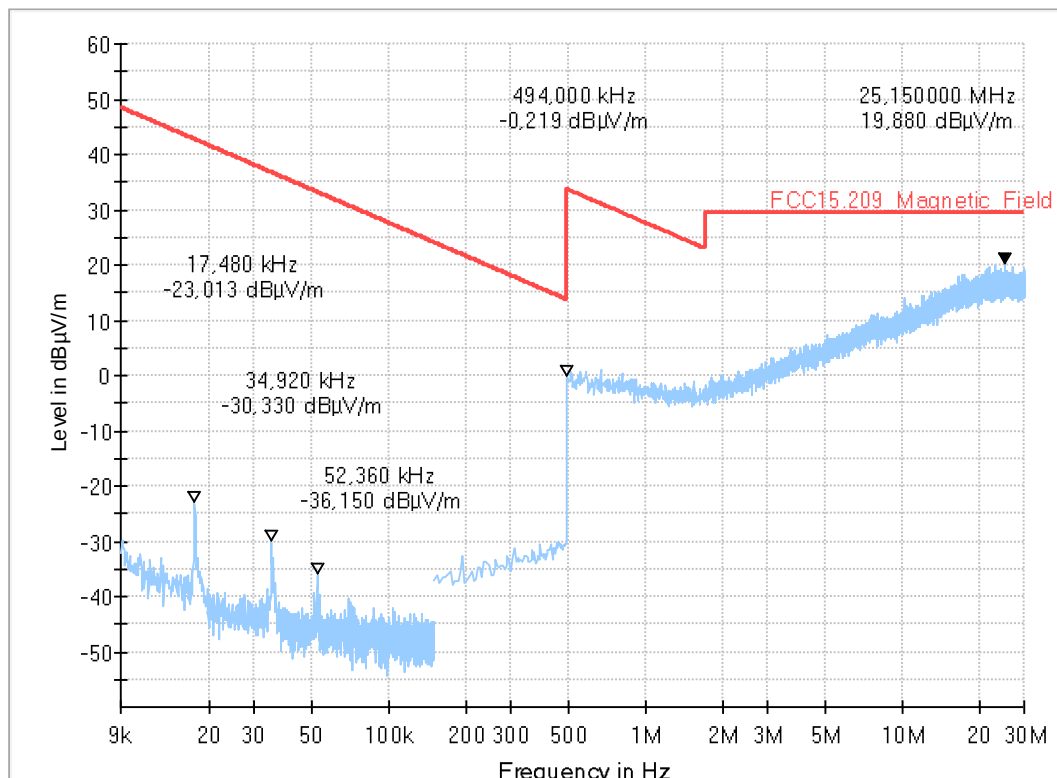
Common Information

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:	TFra
Operating Mode:	n MCS0 ch11 EUT laying
Environmental Conditions:	Humidity : 60% rH; Temperature: 20 °C
EUT Setup:	1
Verdict:	Passed
Comment:	

EUT Information

PMT number:	20-1-01019S08_C01
Manufacturer:	Miele & Cie. KG

Full Spectrum



2.03b_n20-mode_ch11

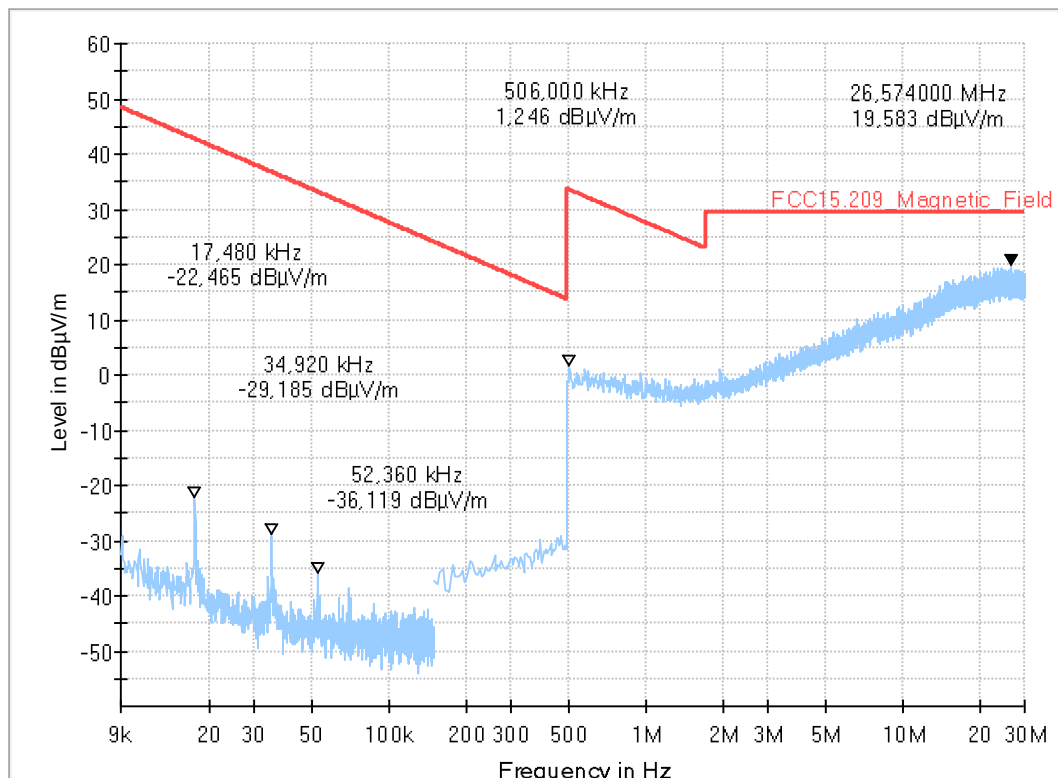
Common Information

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 4
Operator:	TFra
Operating Mode:	n-mode MCS0 ch11 EUT standing
Environmental Conditions:	Humidity : 60% rH; Temperature: 20 °C
EUT Setup:	1
Verdict:	Passed
Comment:	

EUT Information

PMT number:	20-1-01019S08_C01
Manufacturer:	Miele & Cie. KG

Full Spectrum



2.04a_n40-mode_ch03

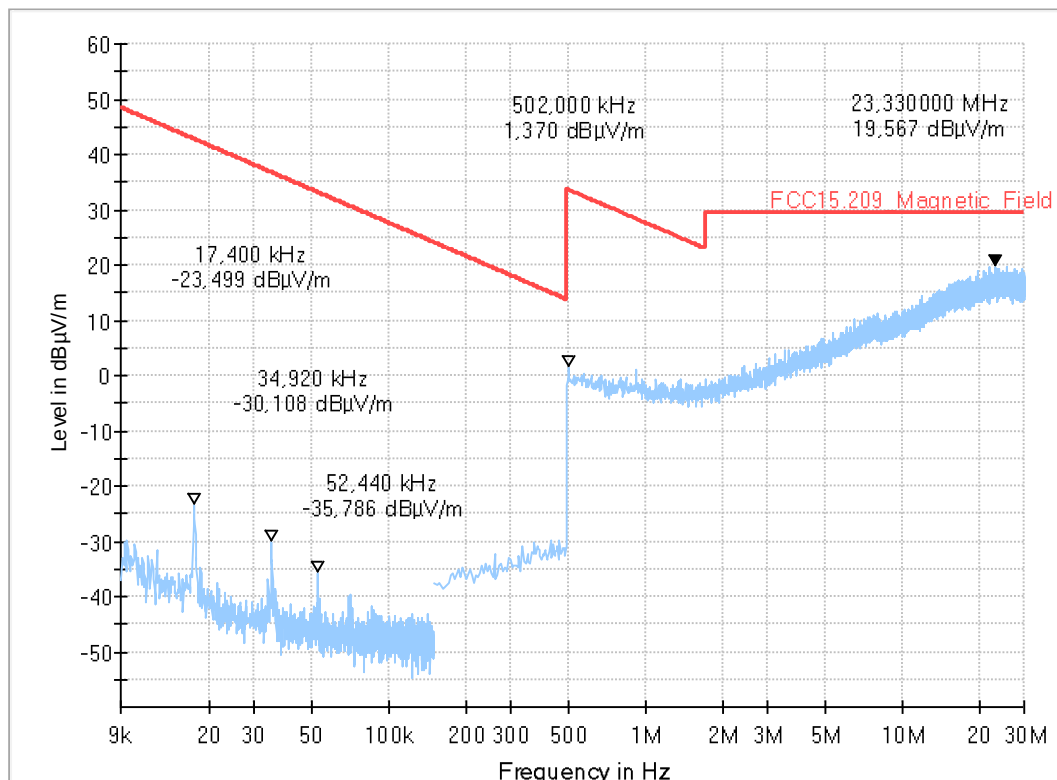
Common Information

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:	TFra
Operating Mode:	n40 MCS1 ch03 EUT laying
Environmental Conditions:	Humidity : 60% rH; Temperature: 20 °C
EUT Setup:	1
Verdict:	Passed
Comment:	

EUT Information

PMT number:	20-1-01019S08_C01
Manufacturer:	Miele & Cie. KG

Full Spectrum



2.04b_n40-mode_ch03

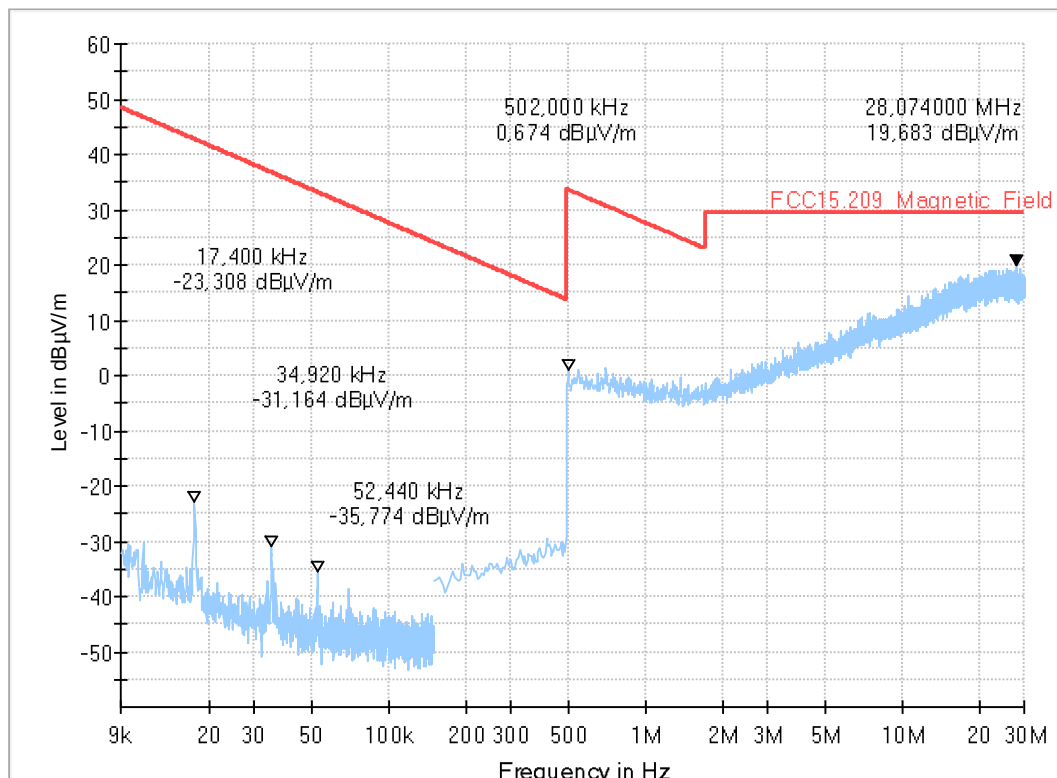
Common Information

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:	TFra
Operating Mode:	n40 MCS1 ch03 EUT standing
Environmental Conditions:	Humidity : 60% rH; Temperature: 20 °C
EUT Setup:	1
Verdict:	Passed
Comment:	

EUT Information

PMT number:	20-1-01019S08_C01
Manufacturer:	Miele & Cie. KG

Full Spectrum



2.05a_n40-mode_ch09

Common Information

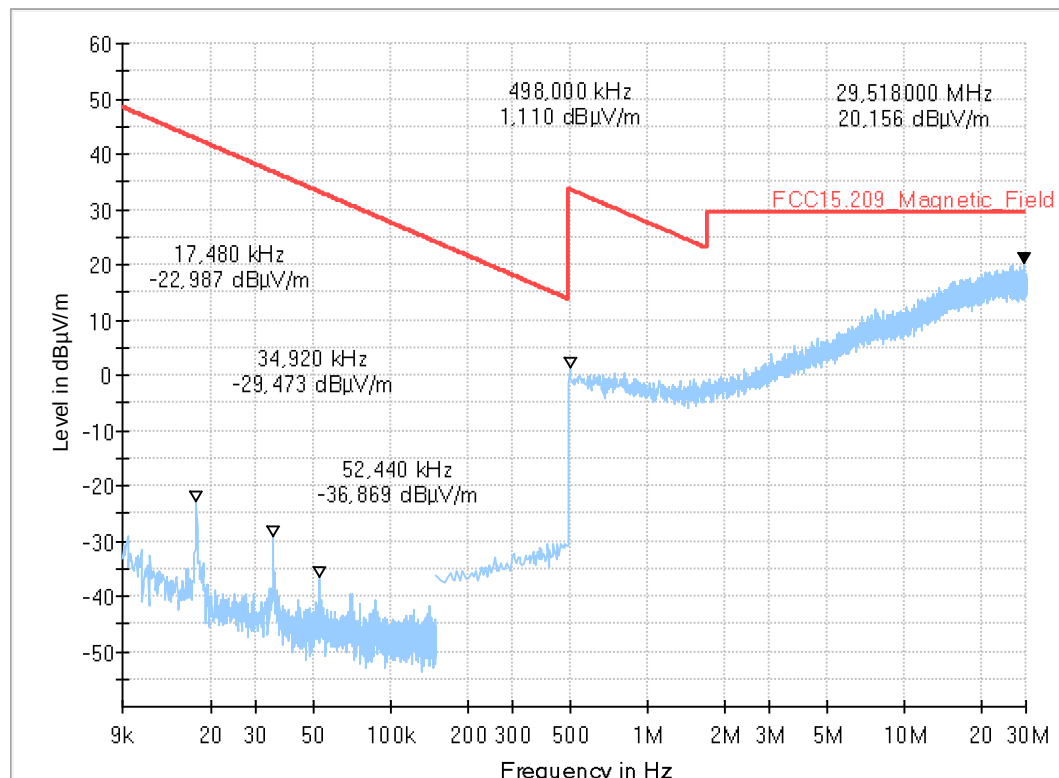
Test Description: Magnetic Field Strength Measurement related to 30/300 m distance
 Test Site Location: Ref.-Nr. 441 Semi Anechoic Chamber (SAC1) with 3 m measurement distance
 Version of Testsoftware: EMC32 V10.50.0
 Distance correction: used accord. table, pls. see test report
 Technical Data: Please 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: TFra
 Operating Mode: n40 | MCS1 | ch09 | EUT laying
 Power during tests: 12V DC, 110V/60Hz, full loaded batteries
 Comment 1: Channel low/middle/high
 Comment 2:
 Environmental Conditions: Humidity : 60% rH; Temperature: 20 °C
 EUT Setup: 1
 Verdict: Passed
 Comment:

EUT Information

PMT number: 20-1-01019S08_C01
 Manufacturer: Miele & Cie. KG

Full Spectrum



2.05b_n40-mode_ch09

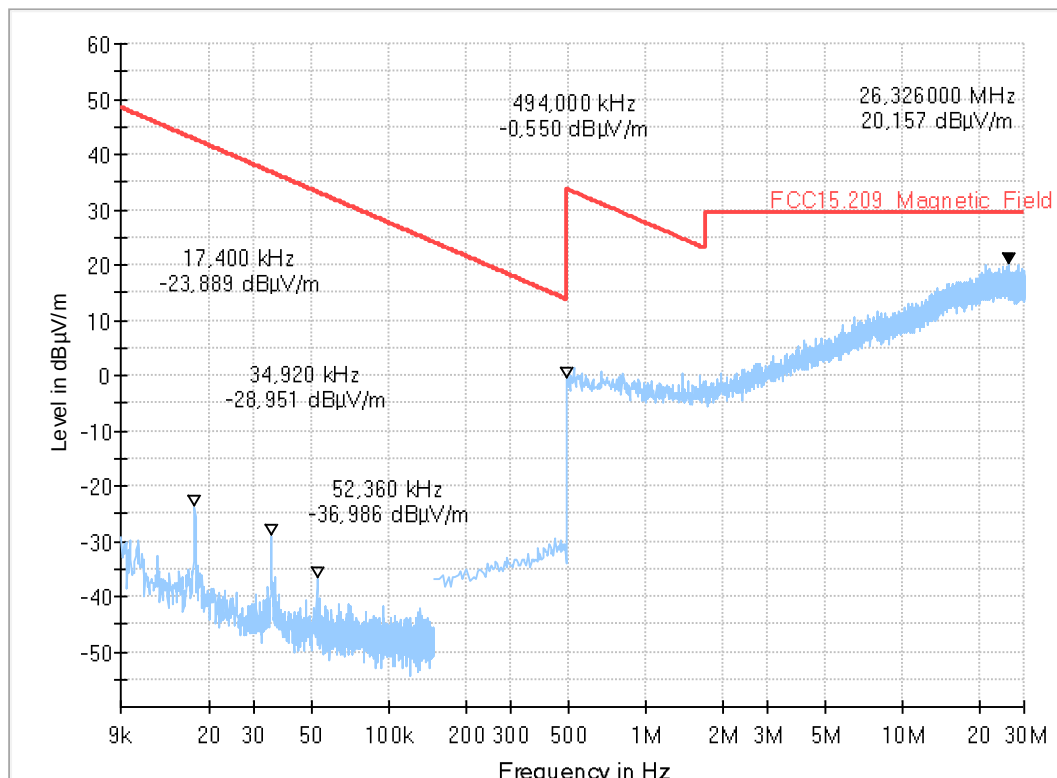
Common Information

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:	TFra
Operating Mode:	n40 MCS1 ch09 EUT standing
Power during tests:	12V DC, 110V/60Hz, full loaded batteries
Comment 1:	Channel high
Comment 2:	
Environmental Conditions::	Humidity : 60% rH; Temperature: 20 °C
EUT Setup:	1
Verdict:	Passed
Comment:	

EUT Information

PMT number:	20-1-01019S08_C01
Manufacturer:	Miele & Cie. KG

Full Spectrum



3.01a_b-mode_ch01

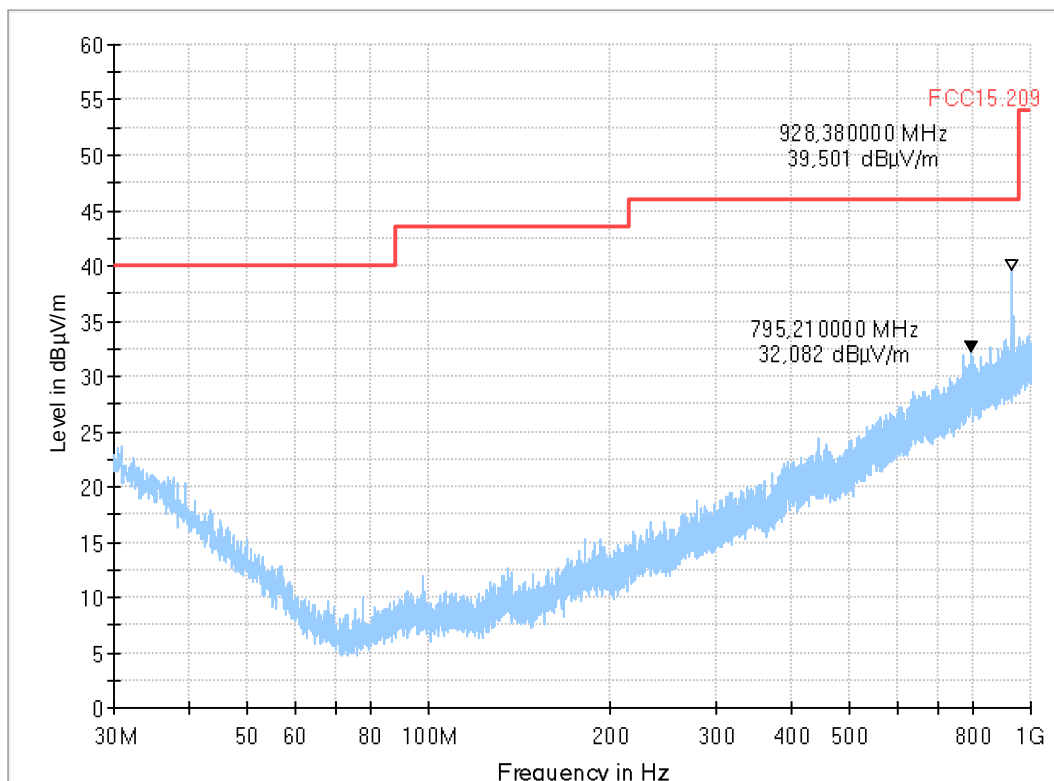
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.205&15.209 RSS Gen Issue 5 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	TCH mode
Operator Name:	
Comment:	
Operating Mode:	b 2 Mbps ch01 EUT laying
Environmental Conditions:	Humidity : 60% rH; Temperature: 20 °C
Operator:	TFra
Verdict:	Passed

EUT Information

PMT number:	20-1-01019S08_C01
Manufacturer:	Miele & Cie. KG

Full Spectrum



Remark: The peaks at 795 and 928 MHz are known external disturbances and do not come from EUT.

3.01b_b-mode_ch01

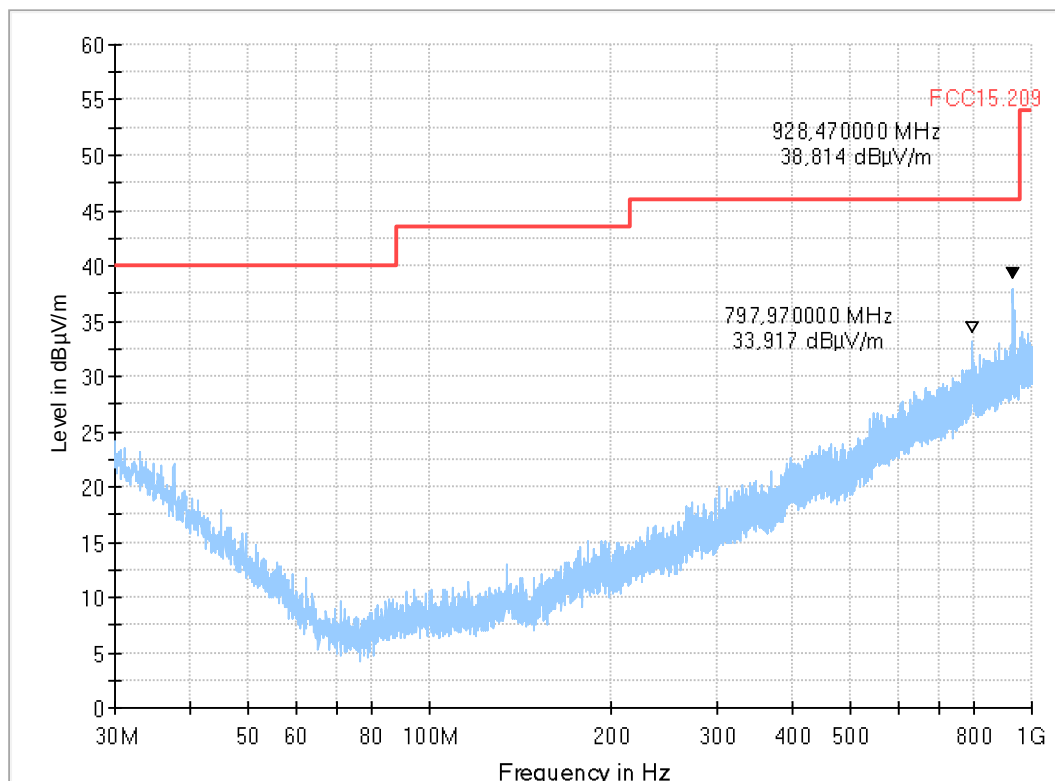
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.205&15.209 RSS Gen Issue 5 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	TCH mode
Operator Name:	
Comment:	
Operating Mode:	b 2 Mbps ch01 EUT standing
Environmental Conditions:	Humidity : 60% rH; Temperature: 20 °C
Operator:	TFra
Verdict:	Passed

EUT Information

PMT number:	20-1-01019S08_C01
Manufacturer:	Miele & Cie. KG

Full Spectrum



Remark: The peaks at 797 and 928 MHz are known external disturbances and do not come from EUT.

3.02a_g-mode_ch06

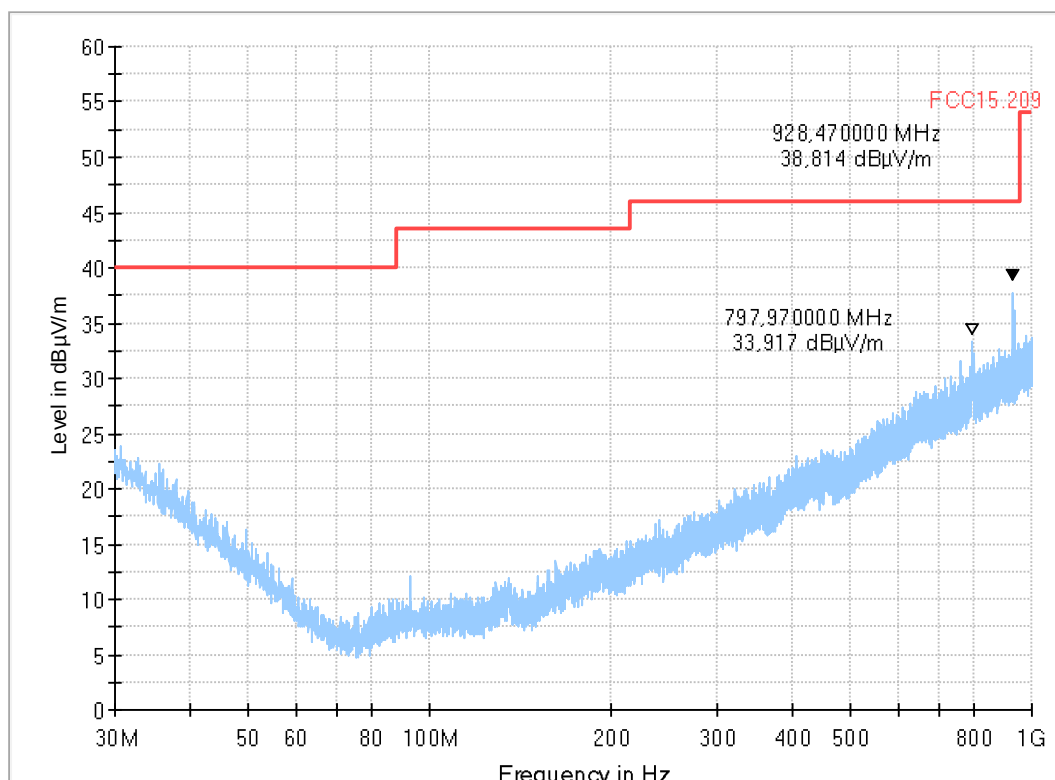
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.205&15.209 RSS Gen Issue 5 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	TCH mode
Operator Name:	
Comment:	
Operating Mode:	g 6 Mbps ch06 EUT laying
Environmental Conditions:	Humidity : 60% rH; Temperature: 20 °C
Operator:	TFra
Verdict:	Passed

EUT Information

PMT number:	20-1-01019S08_C01
Manufacturer:	Miele & Cie. KG

Full Spectrum



Remark: The peaks at 797 and 928 MHz are known external disturbances and do not come from EUT.

3.02b_g-mode_ch06

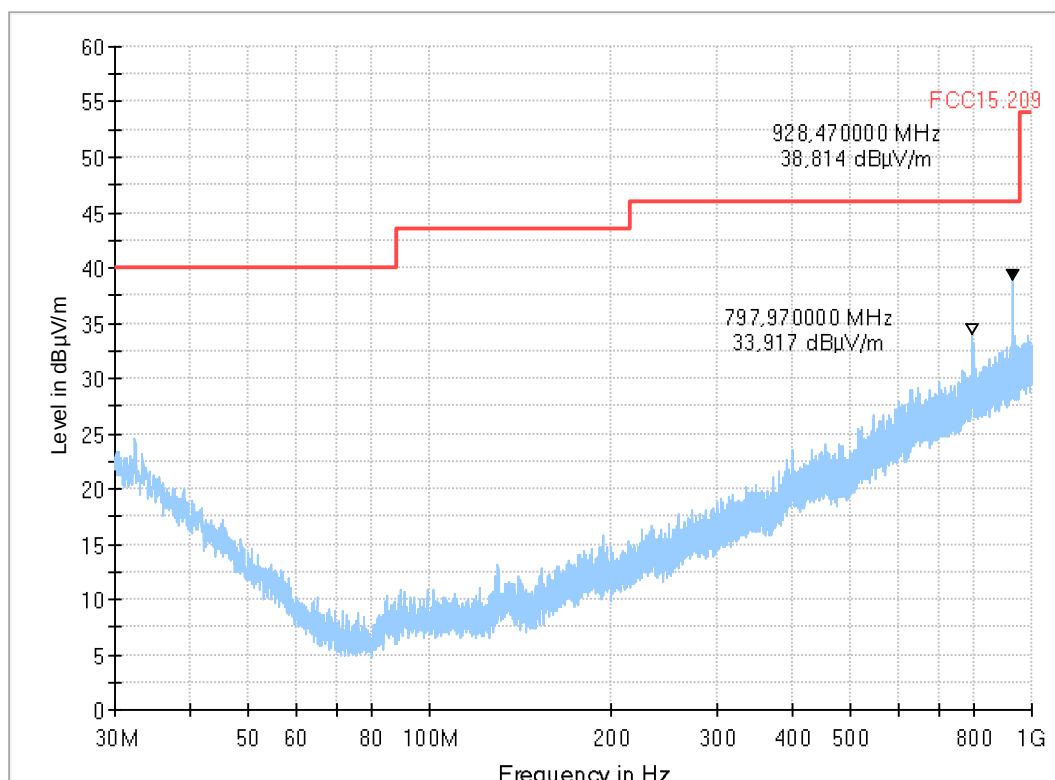
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.205&15.209 RSS Gen Issue 5 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	TCH mode
Operator Name:	
Comment:	
Operating Mode:	g 6 Mbps ch06 EUT standing
Environmental Conditions:	Humidity : 60% rH; Temperature: 20 °C
Operator:	TFra
Verdict:	Passed

EUT Information

PMT number:	20-1-01019S08_C01
Manufacturer:	Miele & Cie. KG

Full Spectrum



Remark: The peaks at 797 and 928 MHz are known external disturbances and do not come from EUT.

3.03a_n20-mode_ch11

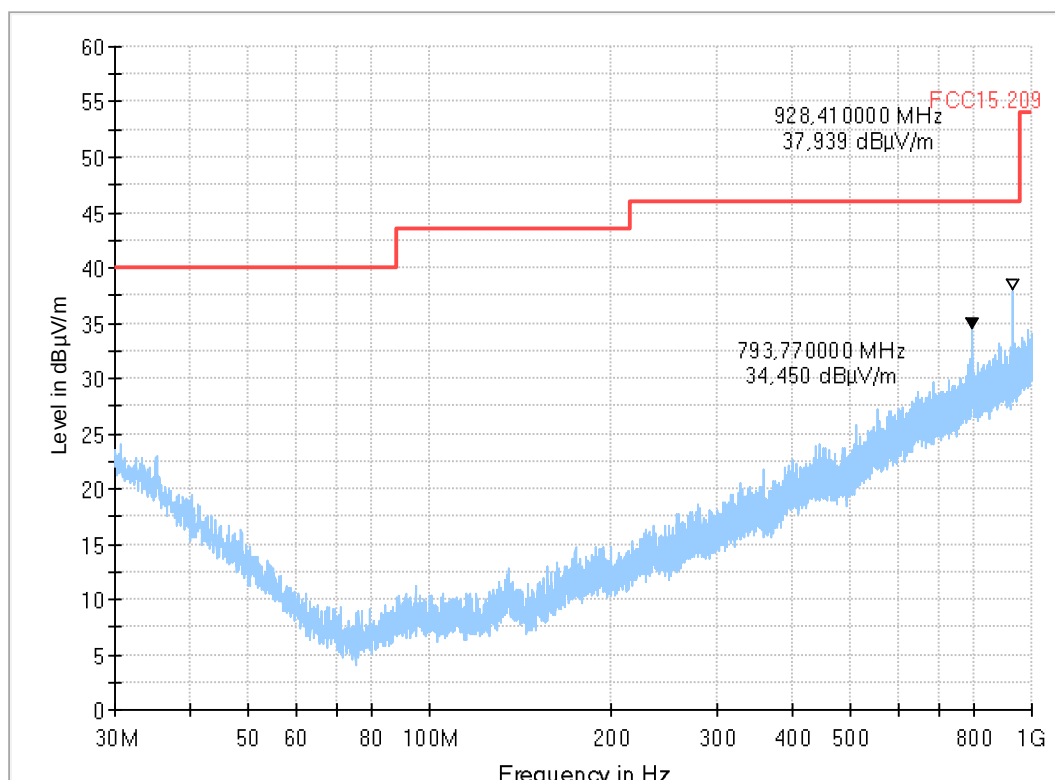
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.205&15.209 RSS Gen Issue 5 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	TCH mode
Operator Name:	
Comment:	
Operating Mode:	n MCS0 ch11 EUT laying
Environmental Conditions:	Humidity : 60% rH; Temperature: 20 °C
Operator:	TFra
Verdict:	Passed

EUT Information

PMT number:	20-1-01019S08_C01
Manufacturer:	Miele & Cie. KG

Full Spectrum



Remark: The peaks at 793 and 928 MHz are known external disturbances and do not come from EUT.

3.03b_n20-mode_ch11

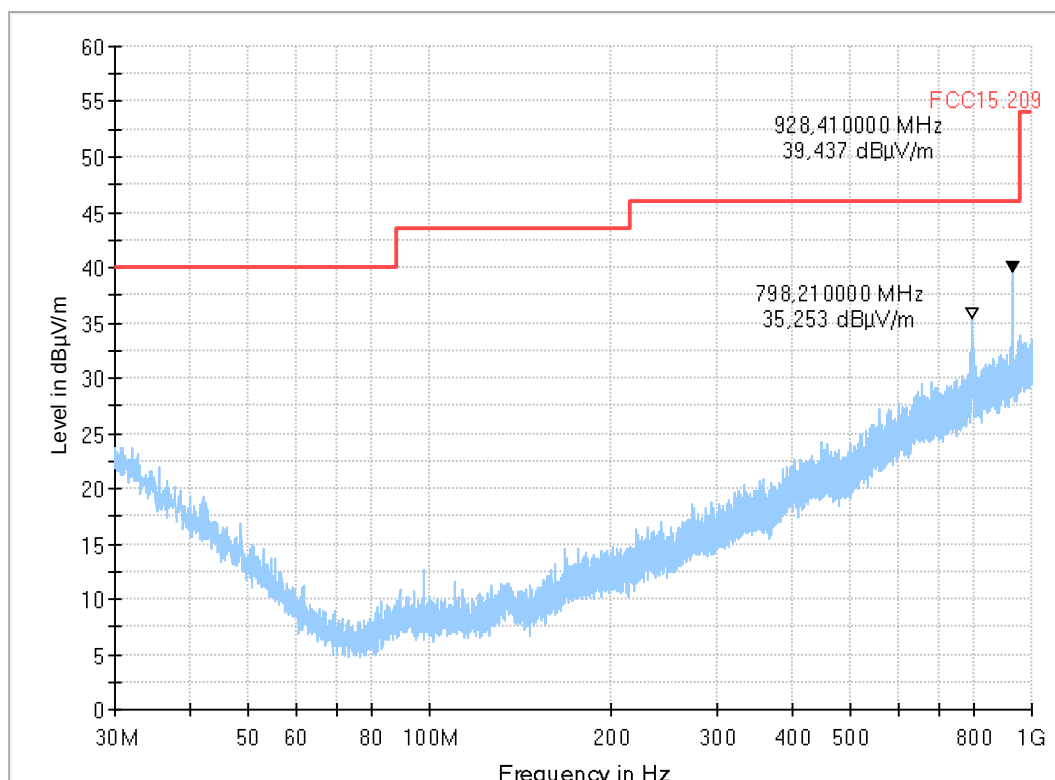
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.205&15.209 RSS Gen Issue 5 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	TCH mode
Operator Name:	
Comment:	
Operating Mode:	n MCS0 ch11 EUT standing
Environmental Conditions:	Humidity : 60% rH; Temperature: 20 °C
Operator:	TFra
Verdict:	Passed

EUT Information

PMT number:	20-1-01019S08_C01
Manufacturer:	Miele & Cie. KG

Full Spectrum



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

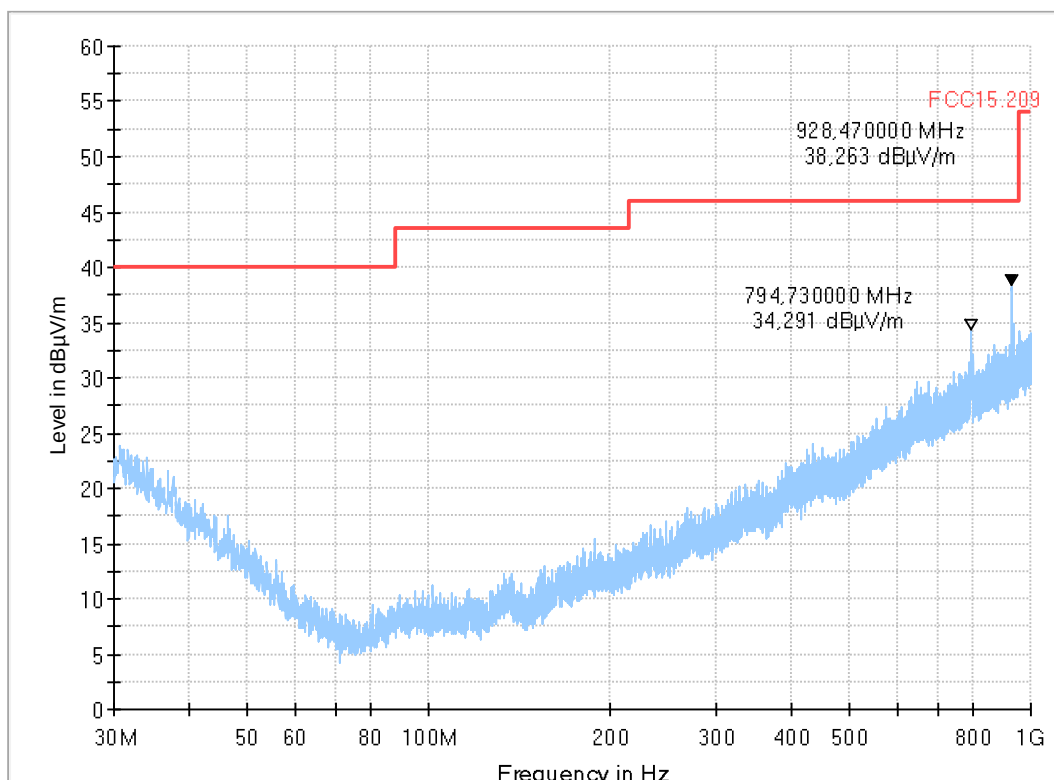
3.04a_n40-mode_ch03

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.205&15.209 RSS Gen Issue 5 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	TCH mode
Operator Name:	
Comment:	
Operating Mode:	n40 MCS1 ch03 EUT laying
Environmental Conditions:	Humidity : 60% rH; Temperature: 20 °C
Operator:	TFra
Verdict:	Passed

EUT Information

PMT number:	20-1-01019S08_C01
Manufacturer:	Miele & Cie. KG
	Full Spectrum



Remark: The peaks at 794 and 928 MHz are known external disturbances and do not come from EUT.

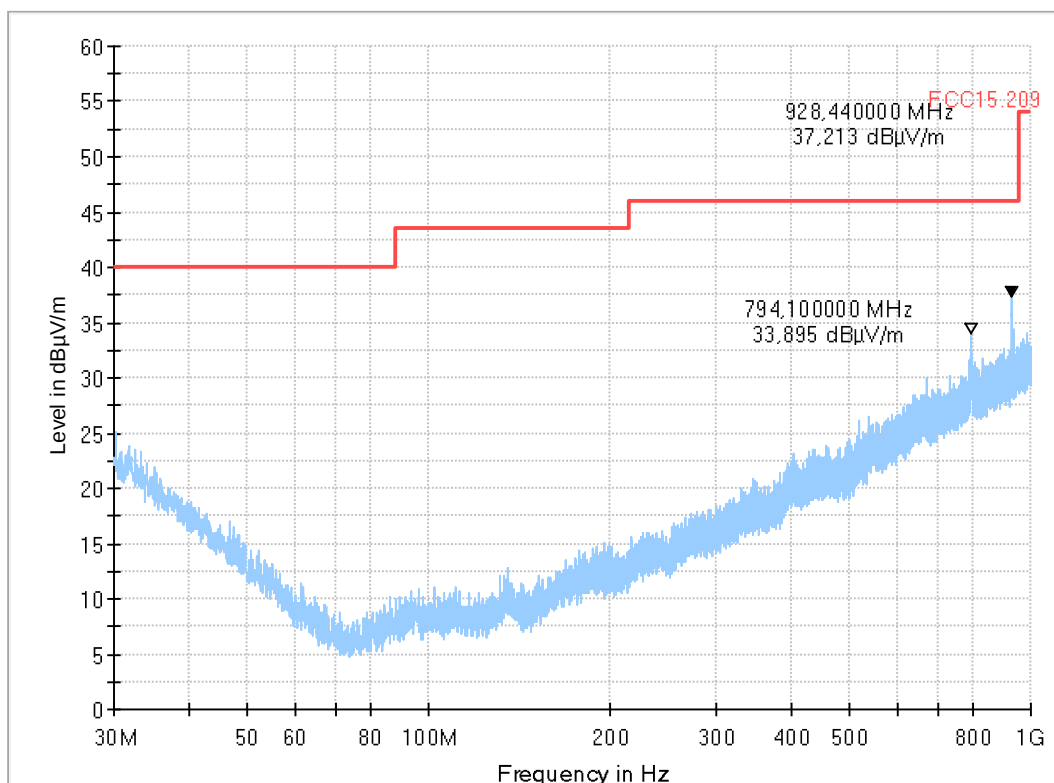
3.04b_n40-mode_ch03

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.205&15.209 RSS Gen Issue 5 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	TCH mode
Operator Name:	
Comment:	
Operating Mode:	n40 MCS1 ch09 EUT standing
Environmental Conditions:	Humidity : 60% rH; Temperature: 20 °C
Operator:	TFra
Verdict:	Passed

EUT Information

PMT number:	20-1-01019S08_C01
Manufacturer:	Miele & Cie. KG
	Full Spectrum



Remark: The peaks at 794 and 928 MHz are known external disturbances and do not come from EUT.

3.05a_n40-mode_ch09

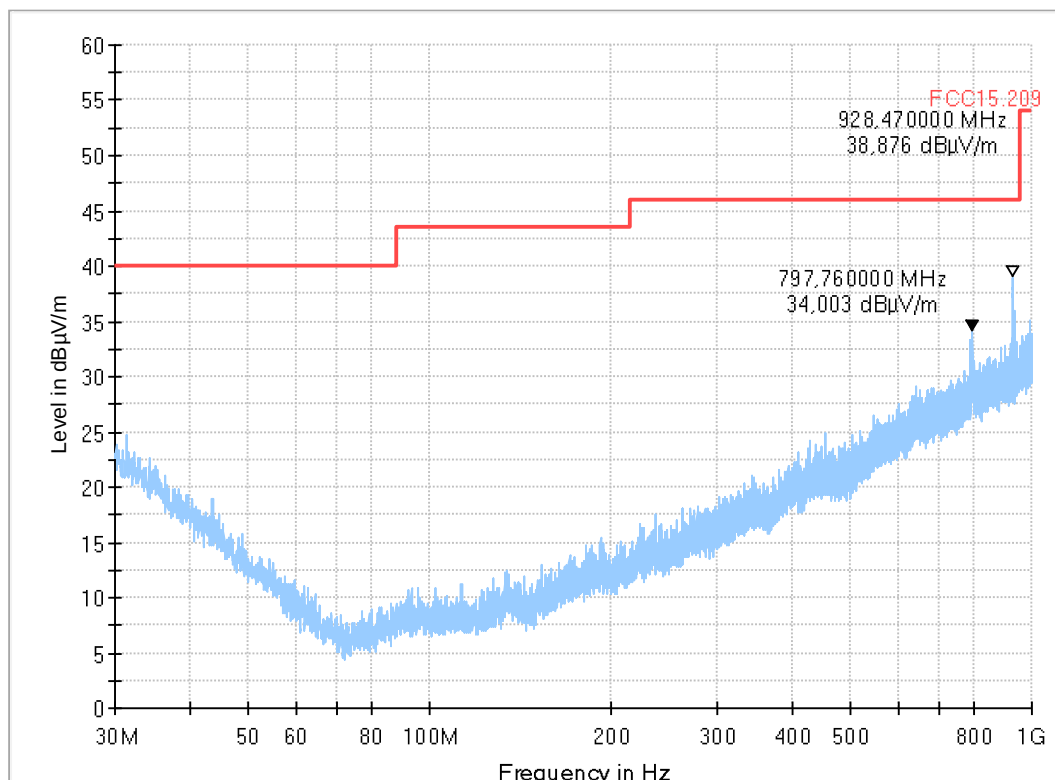
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.205&15.209 RSS Gen Issue 5 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	TCH mode
Comment:	n40 MCS1 ch09
Operating Mode:	n40 MCS1 ch09 EUT laying
Environmental Conditions:	Humidity : 60% rH; Temperature: 20 °C
Operator:	TFra
Verdict:	Passed

EUT Information

PMT number:	20-1-01019S08_C01
Manufacturer:	Miele & Cie. KG

Full Spectrum



Remark: The peaks at 797 and 928 MHz are known external disturbances and do not come from EUT.

3.05b_n40-mode_ch09

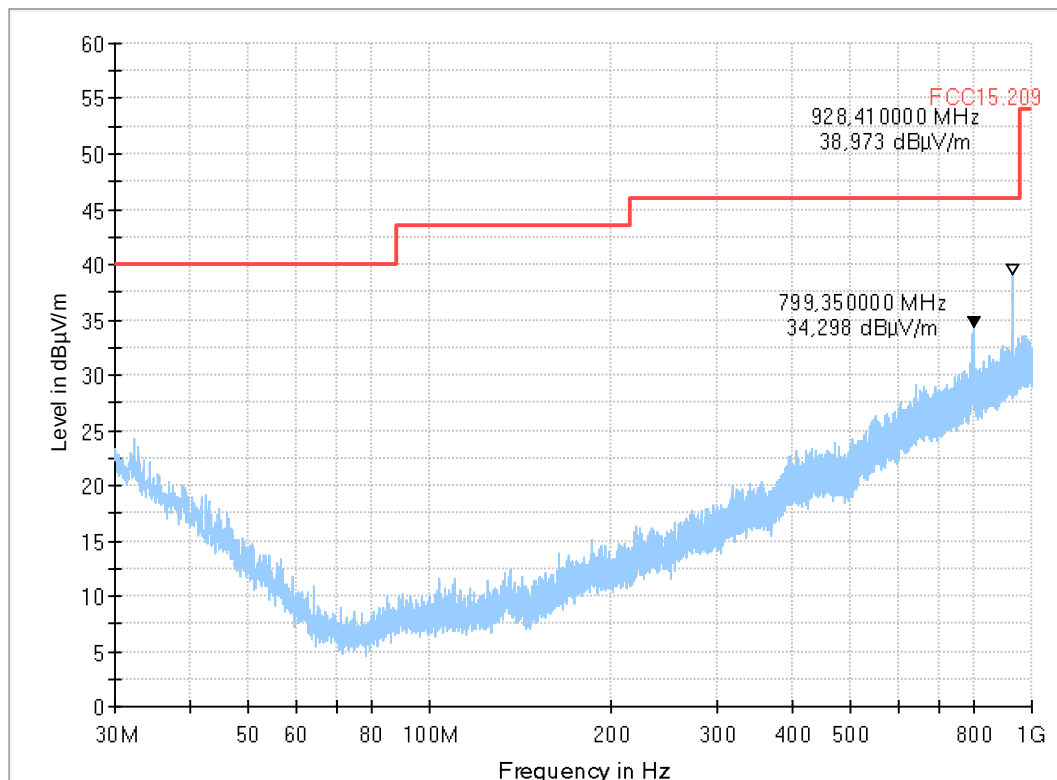
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.205&15.209 RSS Gen Issue 5 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	TCH mode
Operating Mode:	n40 MCS1 ch09 EUT standing
Environmental Conditions:	Humidity : 60% rH; Temperature: 20 °C
Operator:	TFra
Verdict:	Passed

EUT Information

PMT number:	20-1-01019S08_C01
Manufacturer:	Miele & Cie. KG

Full Spectrum



Remark: The peaks at 799 and 928 MHz are known external disturbances and do not come from EUT.

4.01a_b-mode_ch01

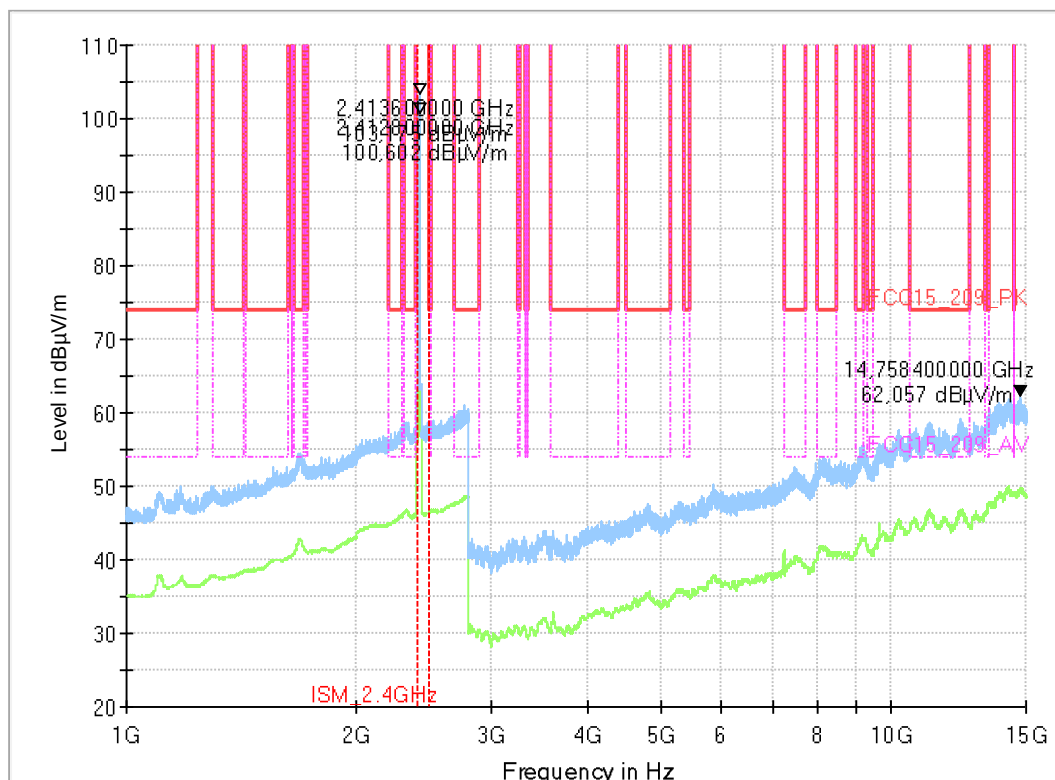
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5
Antenna polarisation:	horizontal/vertical
Operating Mode:	b 2Mbps ch01
Operator:	HEI
Comment:	Channel no 1. low
Comment2:	--
EUT Setup:	1
Verdict:	Passed

EUT Information

PMT number:	20-1-01019S08_C01
Manufacturer:	Miele & Cie. KG

Full Spectrum



4.02a_g-mode_ch06

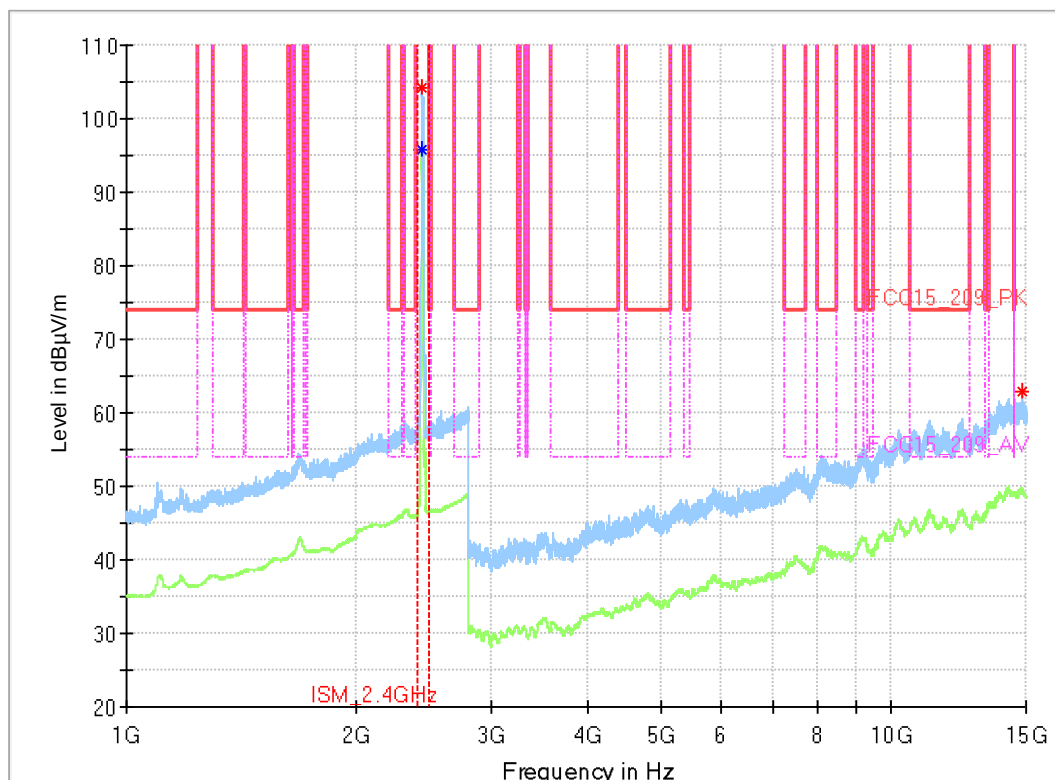
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5
Antenna polarisation:	horizontal/vertical
Operating Mode:	g 6Mbps ch06
Operator:	HEI
Comment:	Channel no 6
Comment2:	--
EUT Setup:	1
Verdict:	Passed

EUT Information

PMT number:	20-1-01019S08_C01
Manufacturer:	Miele & Cie. KG

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
2434.800000	---	95.76	150.00	54.24	---	---	155.0	V
2435.200000	104.14	---	150.00	45.86	---	---	155.0	V
14824.800000	62.78	---	150.00	87.22	---	---	155.0	V

(continuation of the "Critical_Freqs" table from column 14 ...)

Frequency (MHz)	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
2434.800000	315.0	90.0	36
2435.200000	315.0	90.0	36
14824.800000	90.0	90.0	24

4.03a_n20-mode_ch11

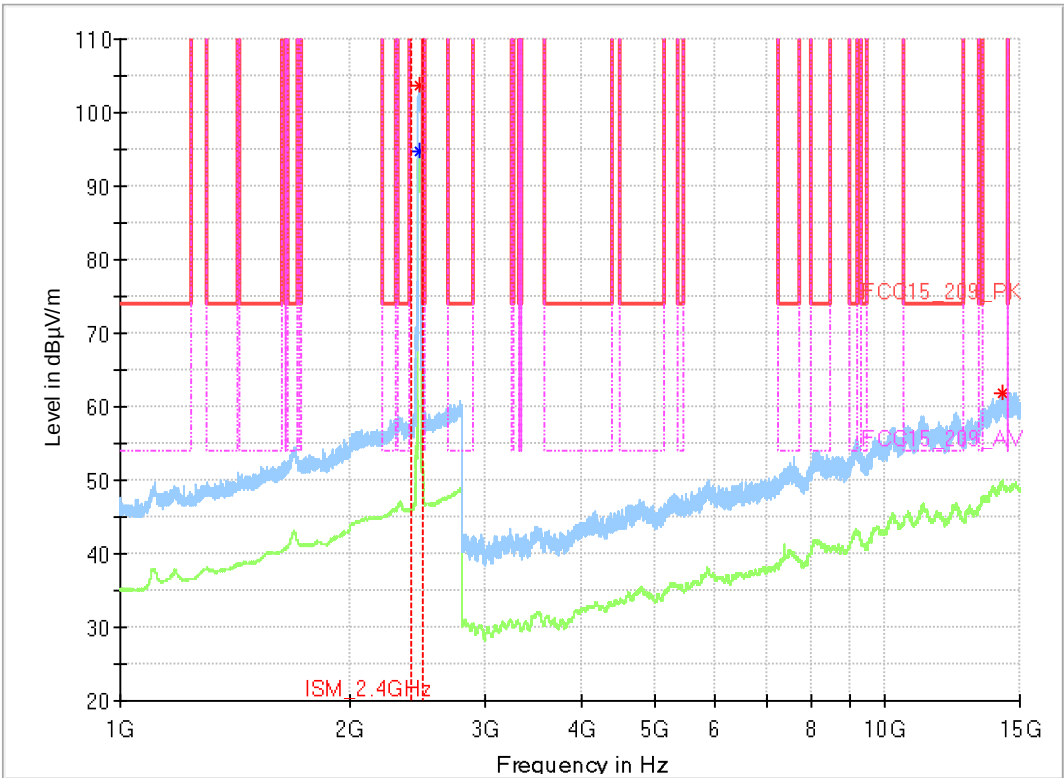
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5
Antenna polarisation:	horizontal/vertical
Operating Mode:	n MCS0 ch11
Operator:	HEI
Comment:	Channel no 11
Comment2:	--
EUT Setup:	1
Verdict:	Passed

EUT Information

PMT number:	20-1-01019S08_C01
Manufacturer:	Miele & Cie. KG

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
2456.000000	---	94.68	150.00	55.32	---	---	155.0	V
2457.200000	103.62	---	150.00	46.38	---	---	155.0	V
14205.200000	61.96	---	150.00	88.04	---	---	155.0	V

(continuation of the "Critical_Freqs" table from column 14 ...)

Frequency (MHz)	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
2456.000000	315.0	90.0	36
2457.200000	315.0	90.0	36
14205.200000	315.0	0.0	24

4.04a_n40-mode_ch03

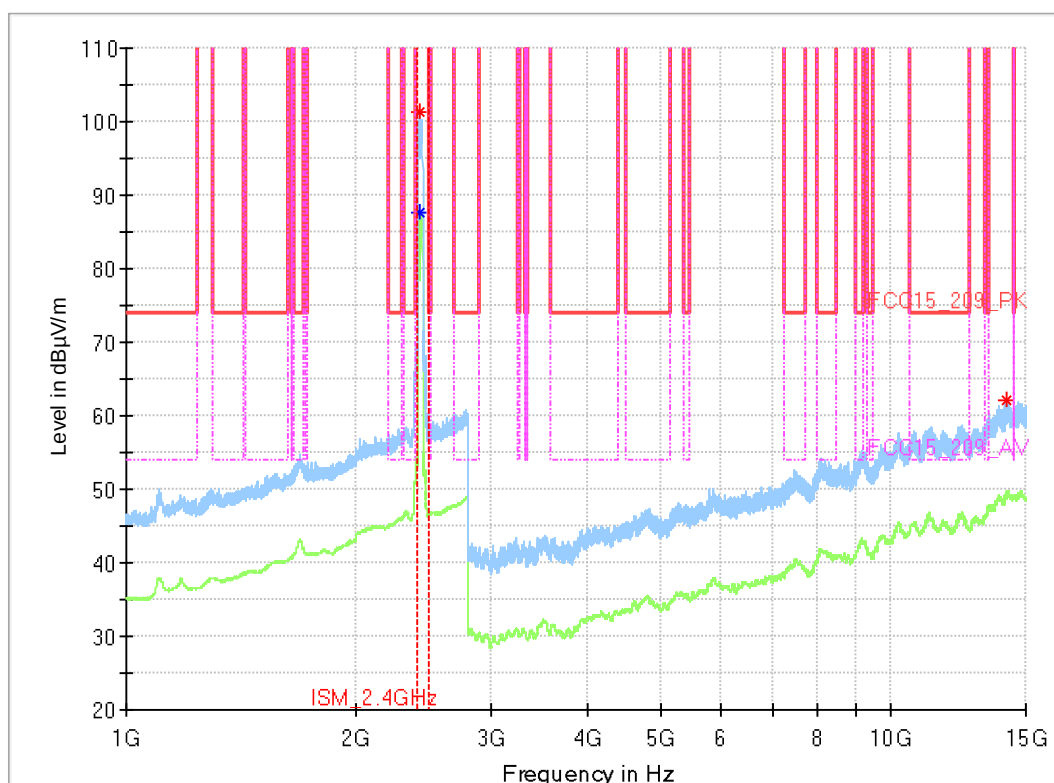
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5
Antenna polarisation:	horizontal/vertical
Operating Mode:	n40 MCS1 ch03
Operator:	HEI
Comment:	Channel no 3
Comment2:	
EUT Setup:	1
Verdict:	Passed

EUT Information

PMT number:	20-1-01019S08_C01
Manufacturer:	Miele & Cie. KG

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
2418.400000	---	87.54	150.00	62.46	---	---	155.0	V
2418.400000	101.34	---	150.00	48.66	---	---	155.0	V
14160.400000	62.06	---	150.00	87.94	---	---	155.0	H

(continuation of the "Critical_Freqs" table from column 14 ...)

Frequency (MHz)	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
2418.400000	315.0	90.0	36
2418.400000	315.0	90.0	36
14160.400000	0.0	90.0	24

4.05a_n40-mode_ch09

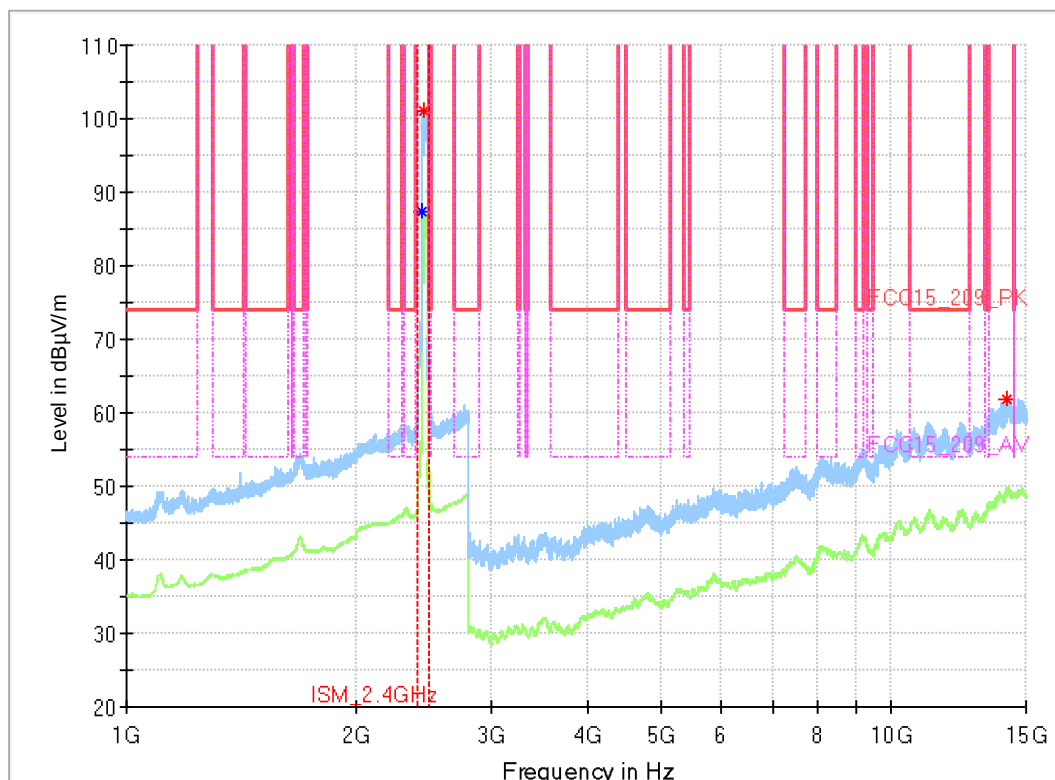
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5
Antenna polarisation:	horizontal/vertical
Operating Mode:	n40 MCS1 ch09
Operator:	HEI
Comment:	Channel no 9
Comment2:	
EUT Setup:	1
Verdict:	Passed

EUT Information

PMT number:	20-1-01019S08_C01
Manufacturer:	Miele & Cie. KG

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
2438.000000	---	87.42	150.00	62.58	---	---	155.0	V
2445.600000	101.11	---	150.00	48.89	---	---	155.0	V
14131.600000	61.76	---	150.00	88.24	---	---	155.0	H

(continuation of the "Critical_Freqs" table from column 14 ...)

Frequency (MHz)	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
2438.000000	315.0	90.0	36
2445.600000	315.0	90.0	36
14131.600000	225.0	0.0	23

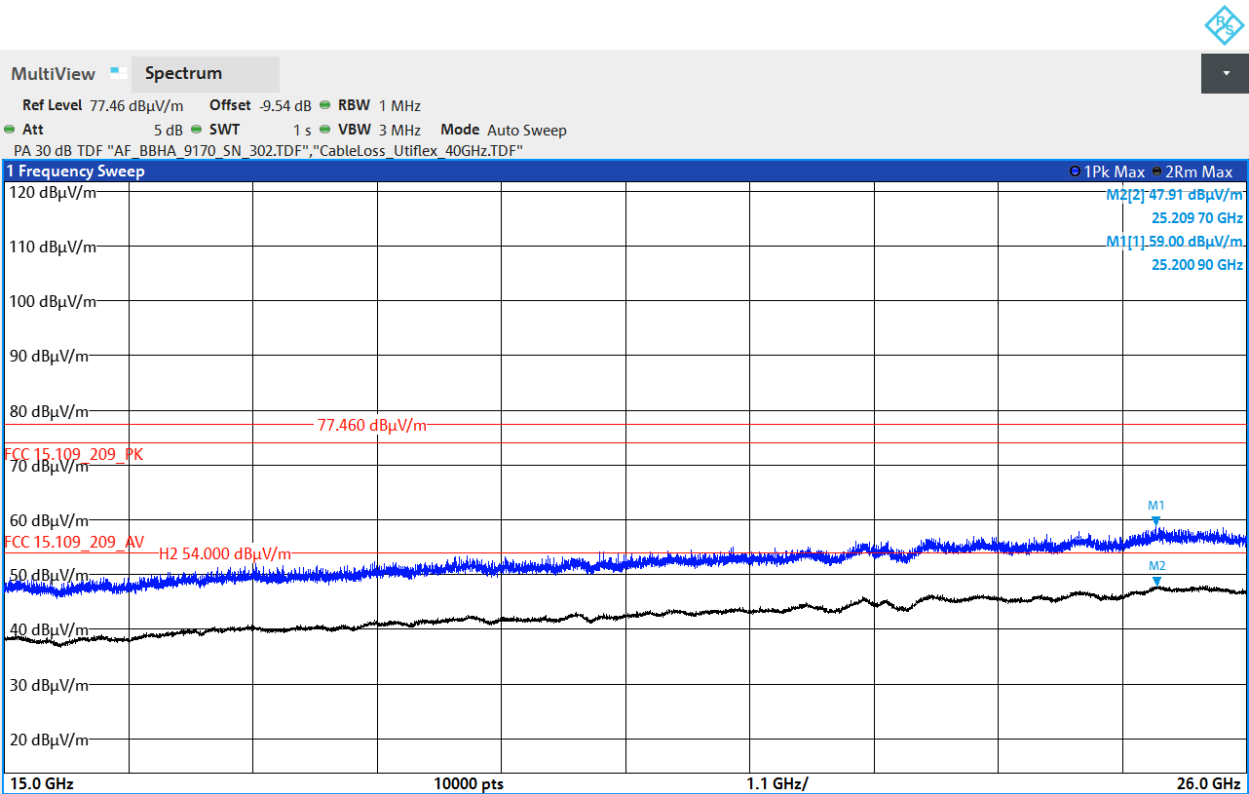
4.01b_b-mode_ch01

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5
Antenna polarisation:	horizontal/vertical
Operating Mode:	b 2 Mbps ch01
Operator:	HEI
Comment:	Channel no 1. low
Comment2:	--
EUT Setup:	1
Verdict:	Passed

EUT Information

PMT number:	20-1-01019S08_C01
Manufacturer:	Miele & Cie. KG



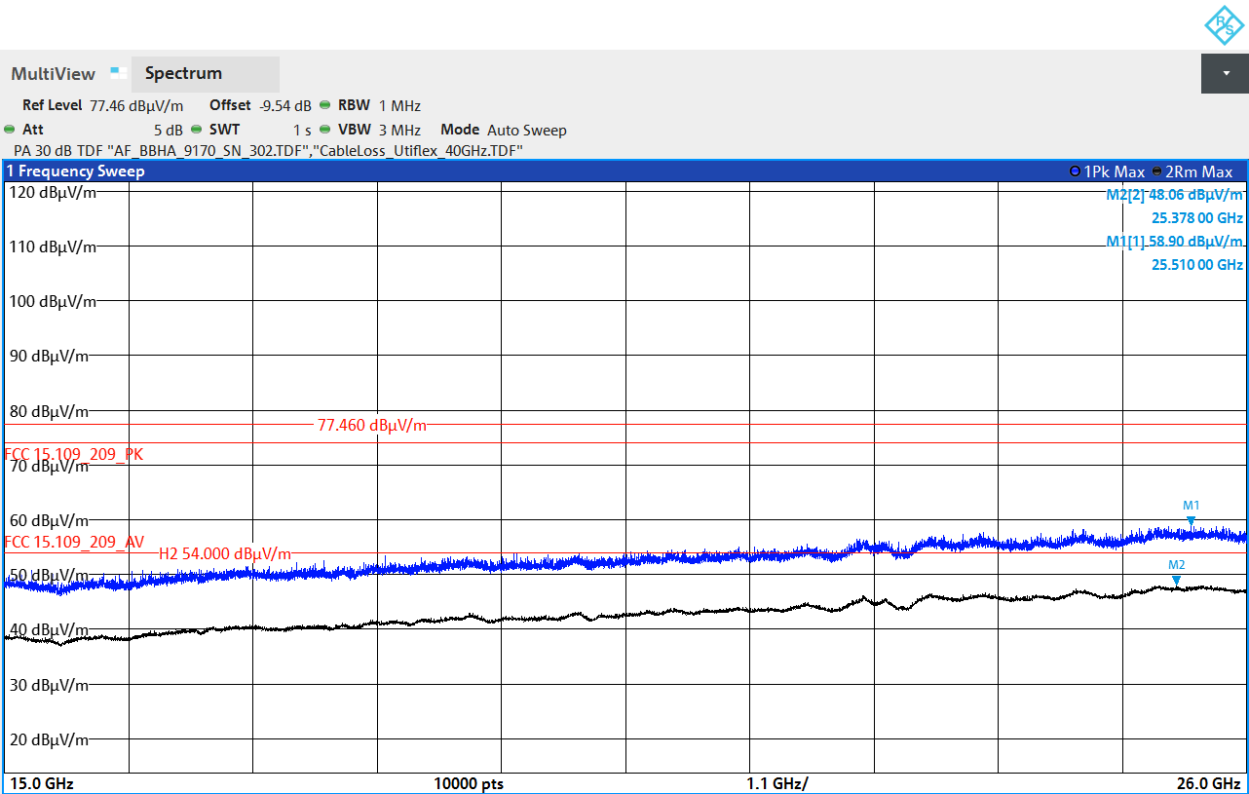
4.02b_g-mode_ch06

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5
Antenna polarisation:	horizontal/vertical
Operating Mode:	g 6 Mbps ch06
Operator:	HEI
Comment:	Channel no 6
Comment2:	--
EUT Setup:	1
Verdict:	Passed

EUT Information

PMT number:	20-1-01019S08_C01
Manufacturer:	Miele & Cie. KG



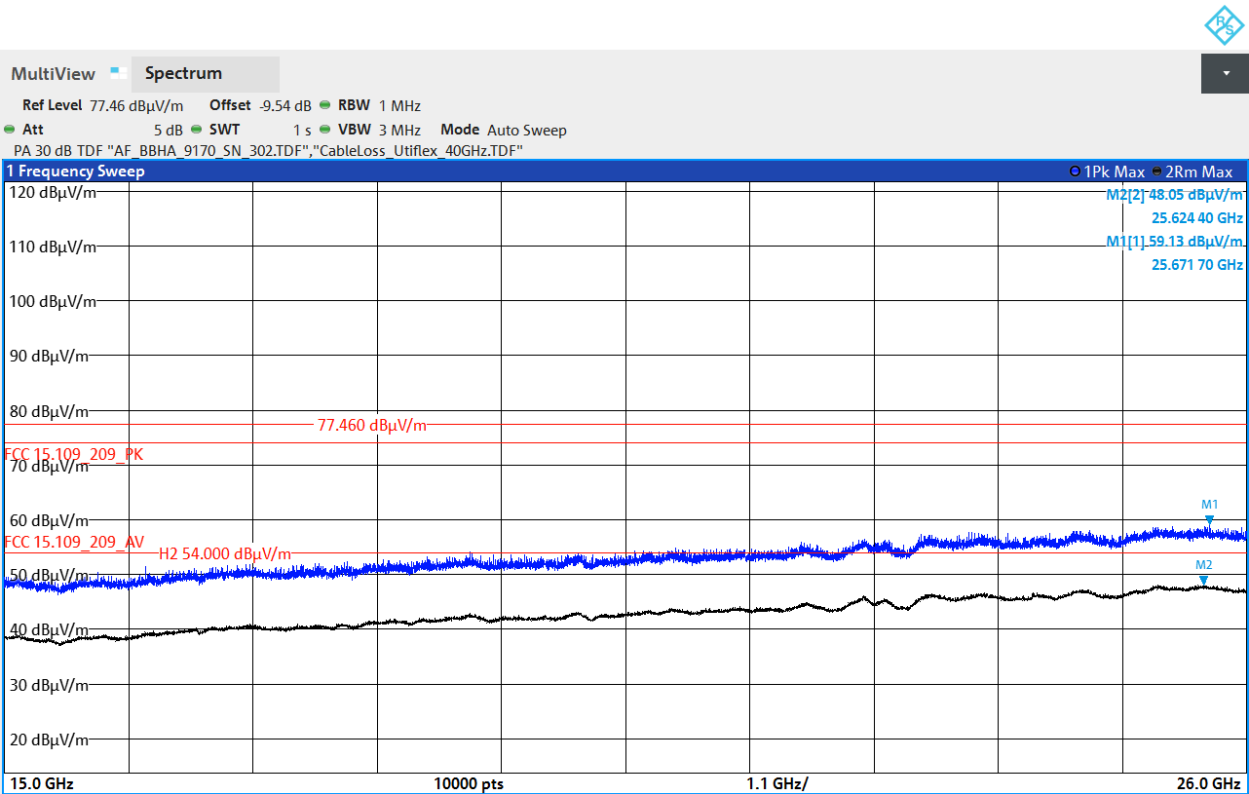
4.03b_n20-mode_ch11

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5
Antenna polarisation:	horizontal/vertical
Operating Mode:	n MCS0 ch11
Operator:	HEI
Comment:	Channel no 11
Comment2:	--
EUT Setup:	1
Verdict:	Passed

EUT Information

PMT number:	20-1-01019S08_C01
Manufacturer:	Miele & Cie. KG



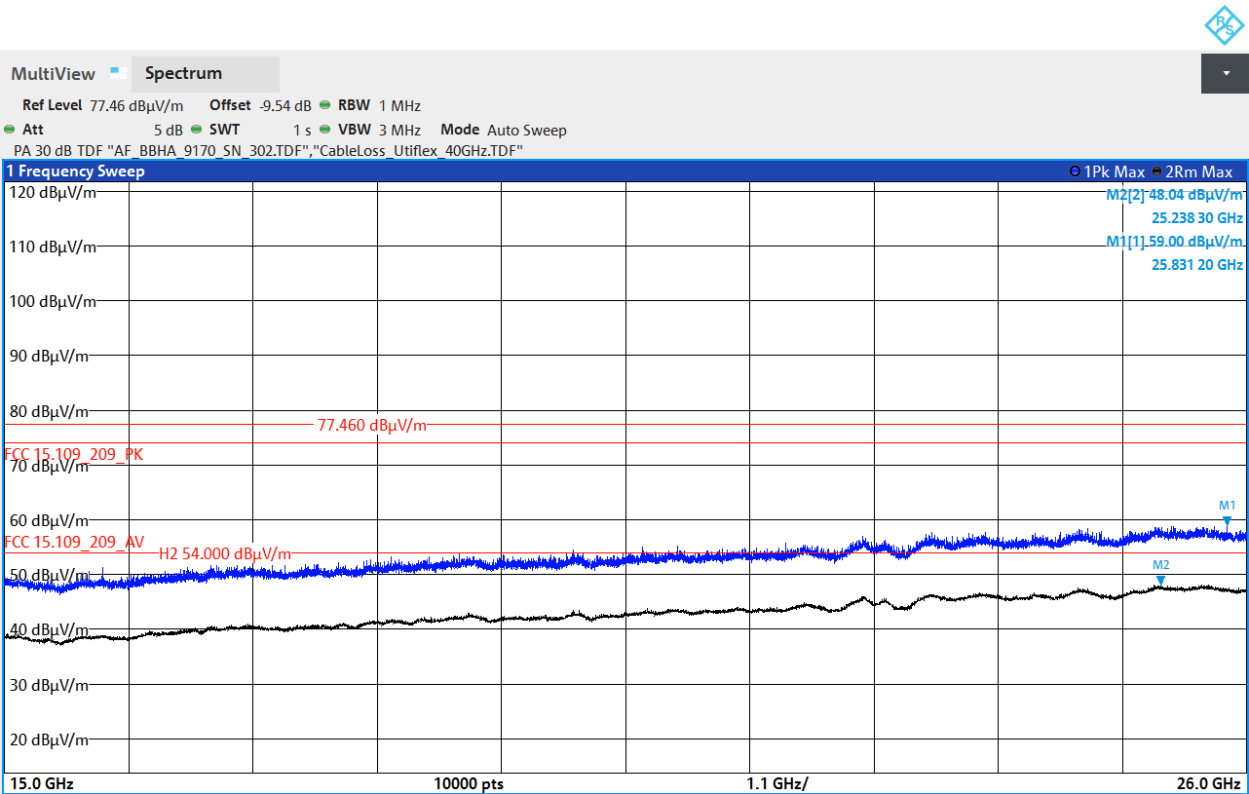
4.04b_n40-mode_ch03

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5
Antenna polarisation:	horizontal/vertical
Operating Mode:	n40 MCS1 ch03
Operator:	HEI
Comment:	Channel no 3
Comment2:	
EUT Setup:	1
Verdict:	Passed

EUT Information

PMT number:	20-1-01019S08_C01
Manufacturer:	Miele & Cie. KG



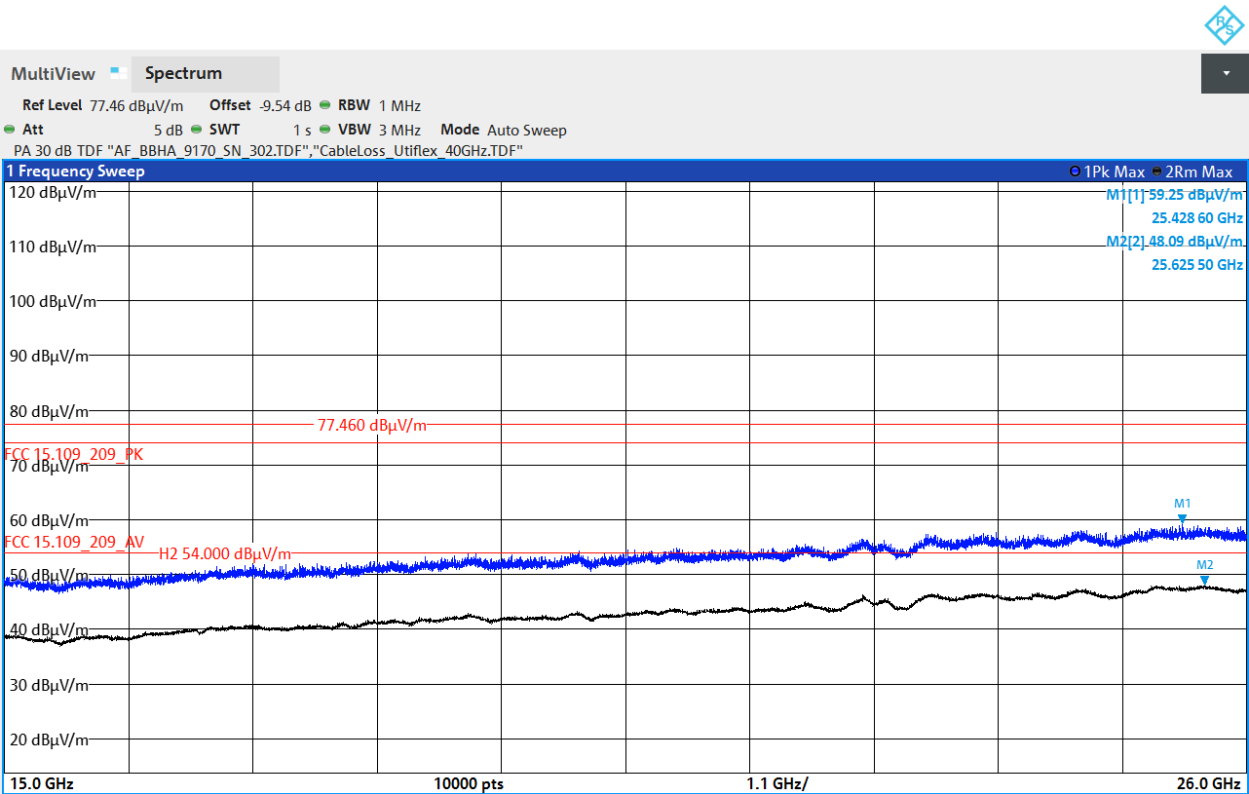
4.05b_n40-mode_ch09

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5
Antenna polarisation:	horizontal/vertical
Operating Mode:	n40 MCS1 ch09
Operator:	HEI
Comment:	Channel no 9
Comment2:	
EUT Setup:	1
Verdict:	Passed

EUT Information

PMT number:	20-1-01019S08_C01
Manufacturer:	Miele & Cie. KG



9.01a_b-mode_ch01

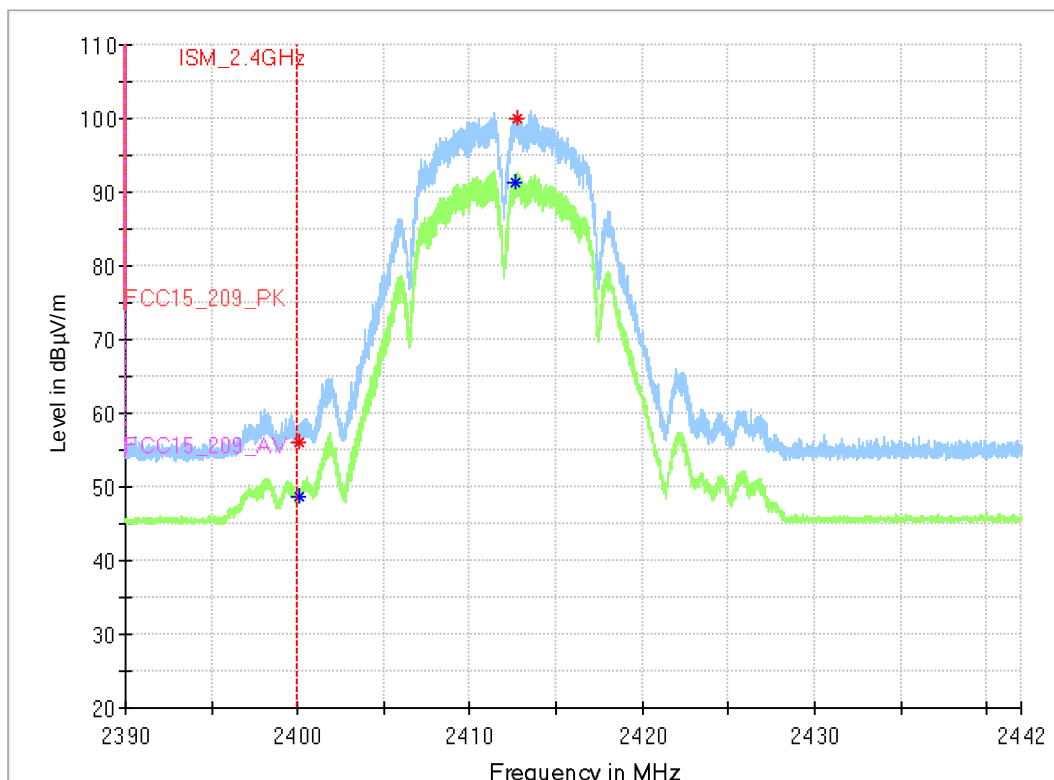
Common Information

Test Description:	Band-Edge: Radiated Field Strength Emissions Emissions in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5
Antenna polarisation:	horizontal/vertical
Operating Mode:	b 2 Mbps ch01
Operator:	HEI
Comment:	Channel no. low
Comment2:	
EUT Setup:	1
Verdict:	Passed

EUT Information

PMT number:	20-1-01019S08_C01
Manufacturer:	Miele & Cie. KG

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
2400.050000	56.15	---	150.00	93.85	---	---	155.0	V
2400.100000	---	48.55	150.00	101.45	---	---	155.0	V
2412.650000	---	91.26	150.00	58.74	---	---	155.0	V
2412.780000	100.03	---	150.00	49.97	---	---	155.0	V

(continuation of the "Critical_Freqs" table from column 14 ...)

Frequency (MHz)	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
2400.050000	267.0	90.0	36
2400.100000	267.0	90.0	36
2412.650000	300.0	90.0	36
2412.780000	300.0	90.0	36

9.01b_b-mode_ch11

Common Information

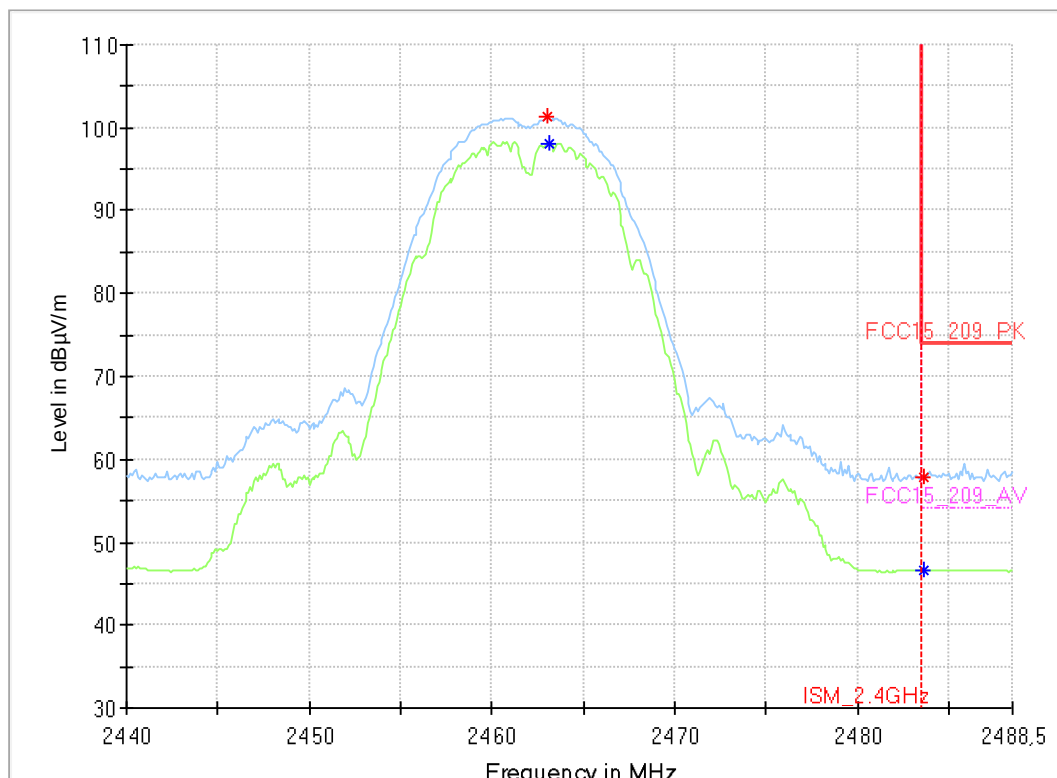
Test Description:	Band-Edge: Radiated Field Strength Emissions Emissions in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5
Antenna polarisation:	horizontal/vertical

Operating Mode:	b 2 Mbps ch11
Operator:	HEI
Comment:	Channel no. high
Comment2:	
EUT Setup:	1
Verdict:	Passed

EUT Information

PMT number:	20-1-01019S08_C01
Manufacturer:	Miele & Cie. KG

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)
2463.000000	101.24	---	150.00	48.76	---	---	155.0	V	306.0	90.0
2463.100000	---	98.18	150.00	51.82	---	---	155.0	V	306.0	90.0
2483.600000	---	46.67	54.00	7.33	---	---	155.0	V	32.0	90.0
2483.600000	57.86	---	74.00	16.14	---	---	155.0	V	101.0	0.0

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

Frequency (MHz)	Corr. (dB/m)
2463.000000	36
2463.100000	36
2483.600000	36
2483.600000	36

9.02a_g-mode_ch01

Common Information

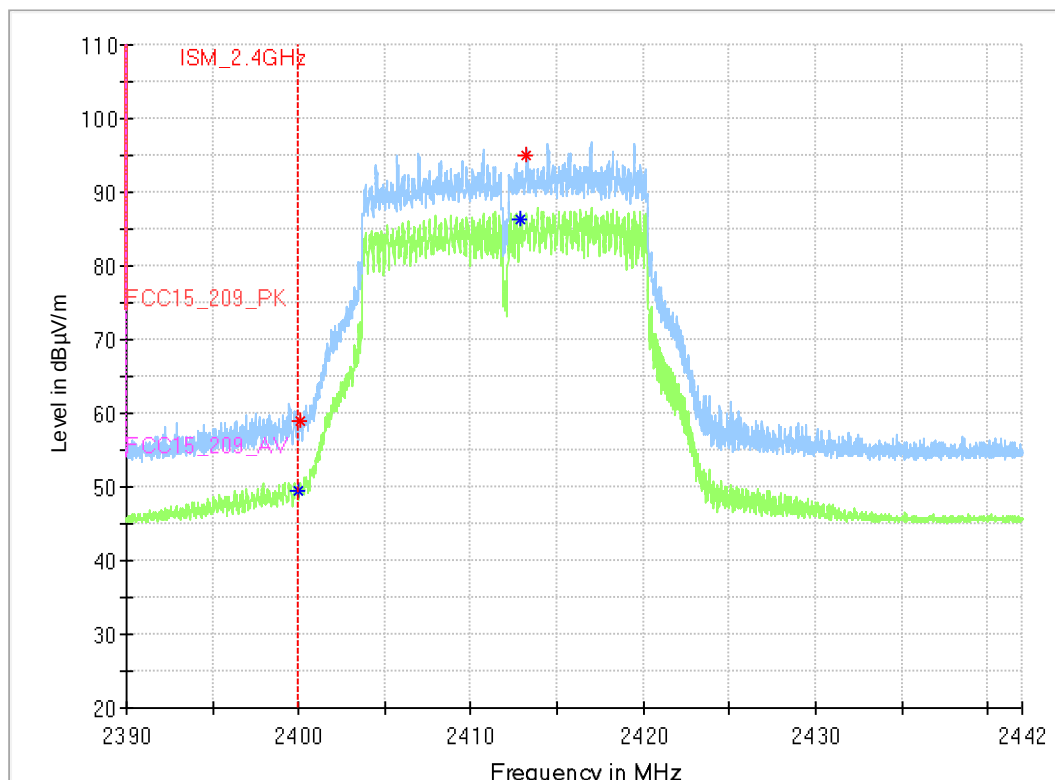
Test Description:	Band-Edge: Radiated Field Strength Emissions Emissions in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5
Antenna polarisation:	horizontal/vertical

Operating Mode:	g 6 Mbps ch01
Operator:	HEI
Comment:	Channel no. low
Comment2:	
EUT Setup:	1
Verdict:	Passed

EUT Information

PMT number:	20-1-01019S08_C01
Manufacturer:	Miele & Cie. KG

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)
2400.020000	---	49.43	150.00	100.57	---	---	155.0	V	296.0	90.0
2400.050000	59.01	---	150.00	90.99	---	---	155.0	V	167.0	90.0
2412.840000	---	86.37	150.00	63.63	---	---	155.0	V	296.0	90.0
2413.240000	95.06	---	150.00	54.94	---	---	155.0	V	167.0	90.0

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

Frequency (MHz)	Corr. (dB/m)
2400.020000	36
2400.050000	36
2412.840000	36
2413.240000	36

9.02b_g-mode_ch11

Common Information

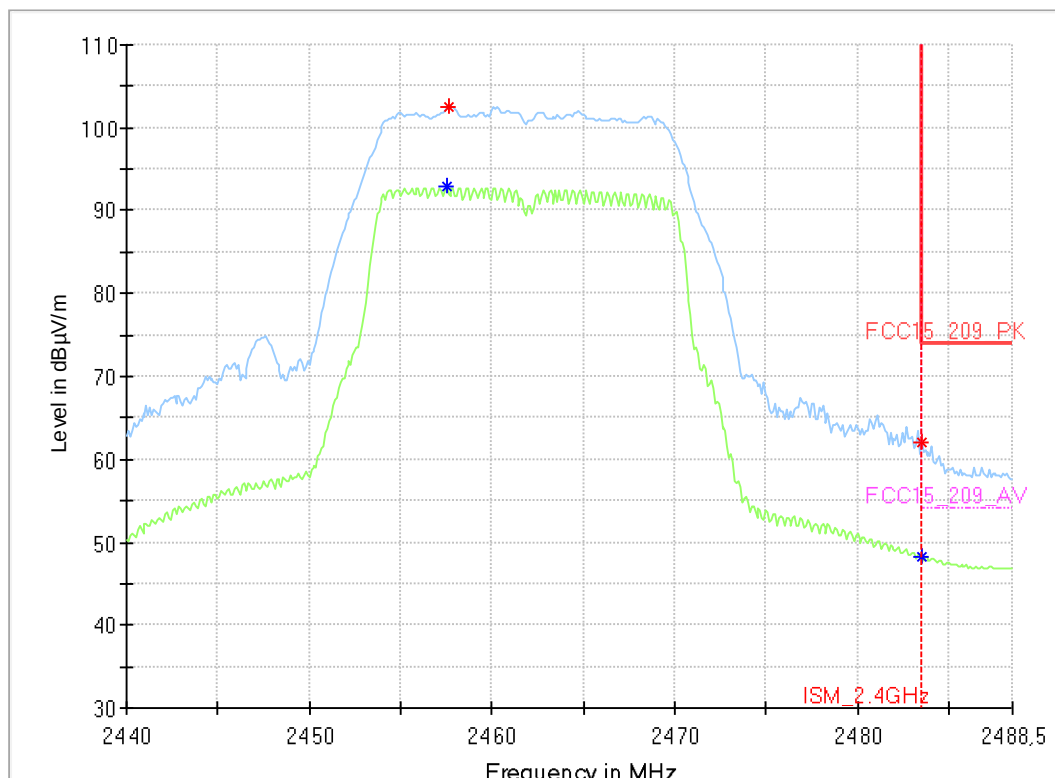
Test Description:	Band-Edge: Radiated Field Strength Emissions Emissions in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5
Antenna polarisation:	horizontal/vertical

Operating Mode:	g 6 Mbps ch11
Operator:	HEI
Comment:	Channel no. high
Comment2:	
EUT Setup:	1
Verdict:	Passed

EUT Information

PMT number:	20-1-01019S08_C01
Manufacturer:	Miele & Cie. KG

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)
2457.500000	---	92.81	150.00	57.19	---	---	155.0	V	312.0	90.0
2457.600000	102.58	---	150.00	47.42	---	---	155.0	V	312.0	90.0
2483.500000	---	48.34	54.00	5.66	---	---	155.0	V	312.0	90.0
2483.500000	62.11	---	74.00	11.89	---	---	155.0	V	312.0	90.0

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

Frequency (MHz)	Corr. (dB/m)
2457.500000	36
2457.600000	36
2483.500000	36
2483.500000	36

9.03a_n20-mode_ch01

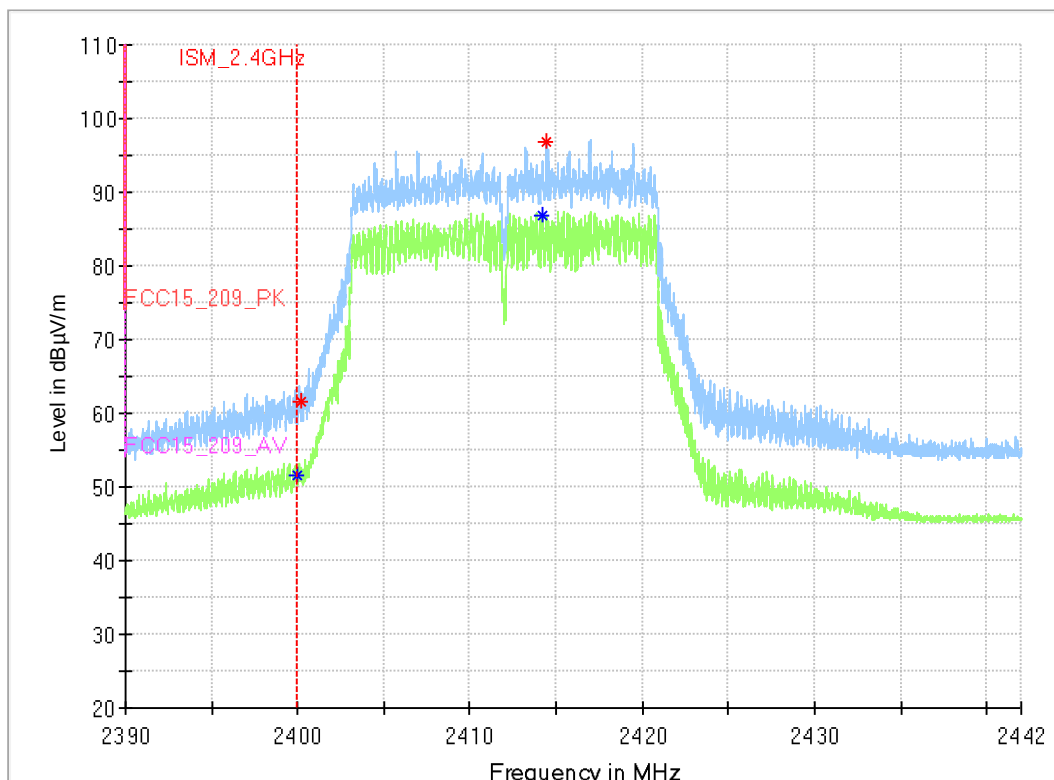
Common Information

Test Description:	Band-Edge: Radiated Field Strength Emissions Emissions in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5
Antenna polarisation:	horizontal/vertical
Operating Mode:	n MCS0 ch01
Operator:	HEI
Comment:	Channel no. low
Comment2:	
EUT Setup:	1
Verdict:	Passed

EUT Information

PMT number:	20-1-01019S08_C01
Manufacturer:	Miele & Cie. KG

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)
2399.930000	---	51.51	150.00	98.49	---	---	155.0	V	296.0	90.0
2400.160000	61.56	---	150.00	88.44	---	---	155.0	V	296.0	90.0
2414.170000	---	86.91	150.00	63.09	---	---	155.0	V	296.0	90.0
2414.460000	96.74	---	150.00	53.26	---	---	155.0	V	296.0	90.0

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

Frequency (MHz)	Corr. (dB/m)
2399.930000	36
2400.160000	36
2414.170000	36
2414.460000	36

9.03b_n20-mode_ch11

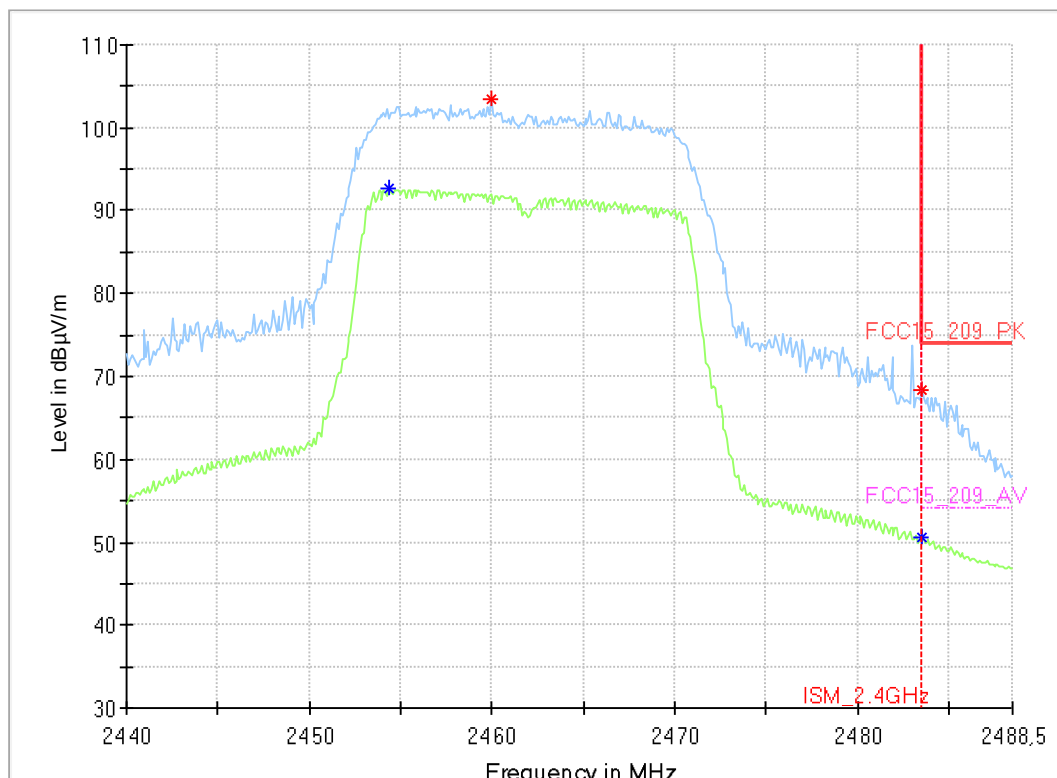
Common Information

Test Description:	Band-Edge: Radiated Field Strength Emissions Emissions in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5
Antenna polarisation:	horizontal/vertical
Operating Mode:	n MCS0 ch11
Operator:	TFra
Comment:	Channel no. high
Environmental Conditions:	Humidity : 60% rH; Temperature: 20 °C
EUT Setup:	1
Verdict:	Passed

EUT Information

PMT number:	20-1-01019S08_C01
Manufacturer:	Miele & Cie. KG

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)
2454.400000	---	92.61	150.00	57.39	---	---	155.0	V	158.0	90.0
2460.000000	103.56	---	150.00	46.44	---	---	155.0	V	318.0	90.0
2483.500000	---	50.58	54.00	3.42	---	---	155.0	V	212.0	90.0
2483.500000	68.33	---	74.00	5.67	---	---	155.0	V	212.0	90.0

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

Frequency (MHz)	Corr. (dB/m)	Comment
2454.400000	36	17:05:03 - 10.10.2020
2460.000000	36	17:04:42 - 10.10.2020
2483.500000	36	17:05:24 - 10.10.2020
2483.500000	36	17:05:19 - 10.10.2020

9.04a_n40-mode_ch03

Common Information

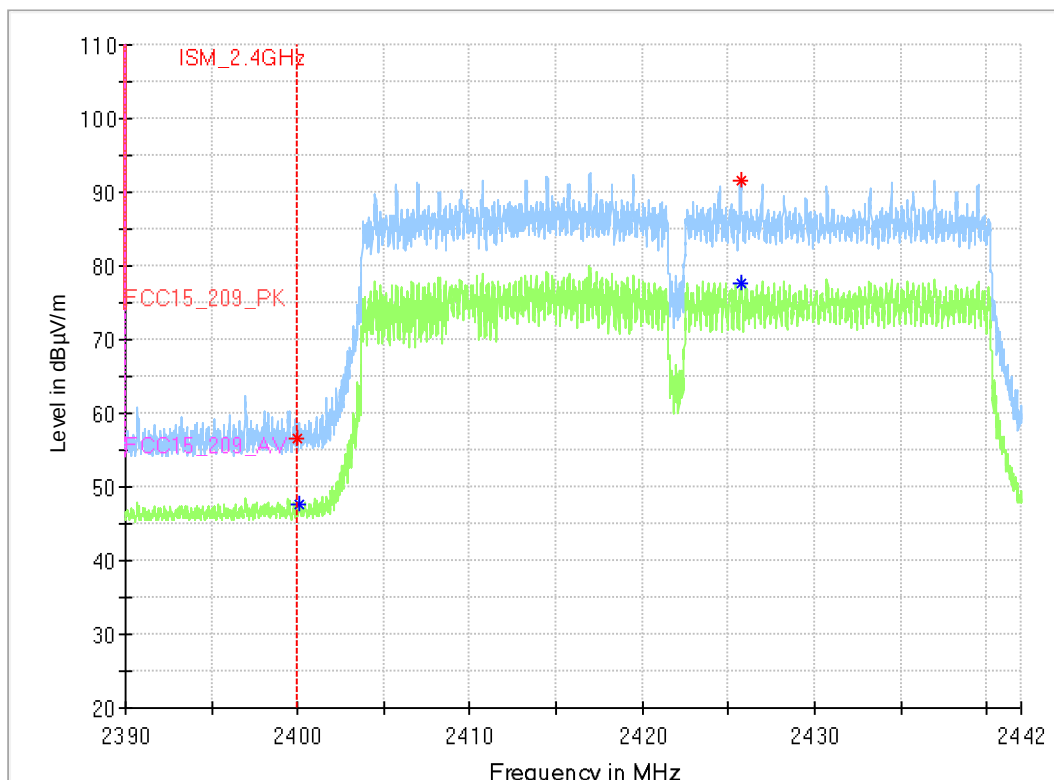
Test Description:	Band-Edge: Radiated Field Strength Emissions Emissions in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5
Antenna polarisation:	horizontal/vertical

Operating Mode:	n40 MCS1 ch03
Operator:	HEI
Comment:	Channel no. low
Comment2:	
EUT Setup:	1
Verdict:	Passed

EUT Information

PMT number:	20-1-01019S08_C01
Manufacturer:	Miele & Cie. KG

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)
2399.940000	56.51	---	150.00	93.49	---	---	155.0	V	169.0	90.0
2400.130000	---	47.52	150.00	102.48	---	---	155.0	V	169.0	90.0
2425.720000	91.58	---	150.00	58.42	---	---	155.0	V	300.0	90.0
2425.740000	---	77.52	150.00	72.48	---	---	155.0	V	300.0	90.0

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

Frequency (MHz)	Corr. (dB/m)
2399.940000	36
2400.130000	36
2425.720000	36
2425.740000	36

9.04b_n40-mode_ch09

Common Information

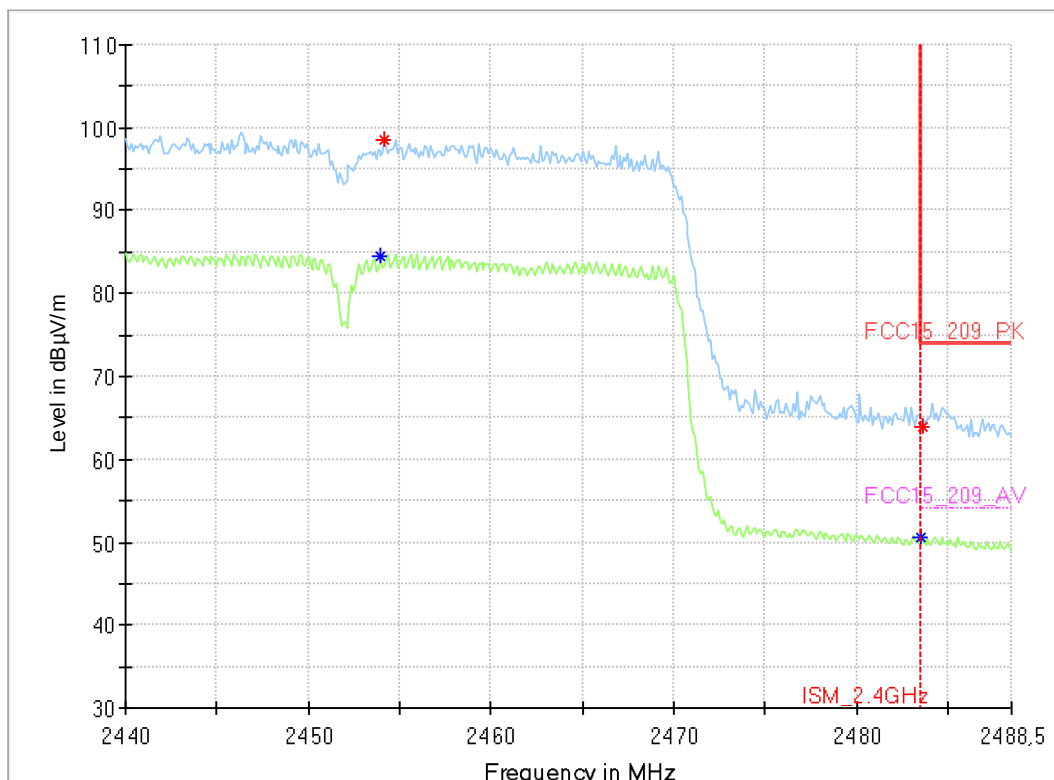
Test Description:	Band-Edge: Radiated Field Strength Emissions Emissions in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5
Antenna polarisation:	horizontal/vertical

Operating Mode:	n40 MCS1 ch09
Operator:	HEI
Comment:	Channel no. high
Comment2:	
EUT Setup:	1
Verdict:	Passed

EUT Information

PMT number:	20-1-01019S08_C01
Manufacturer:	Miele & Cie. KG

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)
2454.000000	---	84.49	150.00	65.51	---	---	155.0	V	318.0	90.0
2454.200000	98.57	---	150.00	51.43	---	---	155.0	V	307.0	90.0
2483.500000	---	50.68	54.00	3.32	---	---	155.0	V	307.0	90.0
2483.600000	63.94	---	74.00	10.06	---	---	155.0	V	318.0	90.0

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

Frequency (MHz)	Corr. (dB/m)
2454.000000	36
2454.200000	36
2483.500000	36
2483.600000	36

2 Conducted measurements

2.1 RF output power

RF output power

Mode	DUT Frequency [MHz]	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
b-mode[11Mbps] (15.5; 2412 MHz)	2412.000000	14.8	30.0	21.8	98.89100	PASS
b-mode[11Mbps] (15.5; 2437 MHz)	2437.000000	14.7	30.0	21.7	98.89500	PASS
b-mode[11Mbps] (15.5; 2462 MHz)	2462.000000	14.3	30.0	21.3	98.89000	PASS
b-mode[1Mbps] (15.5; 2412 MHz)	2412.000000	14.2	30.0	21.2	99.83700	PASS
b-mode[1Mbps] (15.5; 2437 MHz)	2437.000000	14.2	30.0	21.2	99.84000	PASS
b-mode[1Mbps] (15.5; 2462 MHz)	2462.000000	13.9	30.0	20.9	99.84000	PASS
b-mode[2 Mbps] (15.5; 2412 MHz)	2412.000000	15.1	30.0	22.1	99.73600	PASS
b-mode[2 Mbps] (15.5; 2437 MHz)	2437.000000	14.7	30.0	21.7	99.73500	PASS
b-mode[2 Mbps] (15.5; 2462 MHz)	2462.000000	14.6	30.0	21.6	99.73600	PASS
b-mode[5,5Mbps] (15.5; 2412 MHz)	2412.000000	14.8	30.0	21.8	99.39400	PASS
b-mode[5,5Mbps] (15.5; 2437 MHz)	2437.000000	14.9	30.0	21.9	99.39300	PASS
b-mode[5,5Mbps] (15.5; 2462 MHz)	2462.000000	14.5	30.0	21.5	99.39100	PASS
g-mode[6 Mbps] (15.5; 2412 MHz)	2412.000000	13.5	30.0	20.5	98.96900	PASS
g-mode[6 Mbps] (15.5; 2437 MHz)	2437.000000	13.2	30.0	20.2	98.96700	PASS
g-mode[6 Mbps] (15.5; 2462 MHz)	2462.000000	12.7	30.0	19.7	98.96100	PASS
g-mode[9Mbps] (15.5; 2412 MHz)	2412.000000	13.3	30.0	20.3	98.48700	PASS
g-mode[9Mbps] (15.5; 2437 MHz)	2437.000000	13.1	30.0	20.1	98.48000	PASS
g-mode[9Mbps] (15.5; 2462 MHz)	2462.000000	12.8	30.0	19.8	98.49100	PASS
g-mode[12 Mbps] (15.5; 2412 MHz)	2412.000000	13.2	30.0	20.2	98.00600	PASS
g-mode[12 Mbps] (15.5; 2437 MHz)	2437.000000	13.2	30.0	20.2	98.01500	PASS
g-mode[12 Mbps] (15.5; 2462 MHz)	2462.000000	12.8	30.0	19.8	98.01900	PASS
g-mode[18Mbps] (15.5; 2412 MHz)	2412.000000	13.3	30.0	20.3	97.13500	PASS
g-mode[18Mbps] (15.5; 2437 MHz)	2437.000000	13.2	30.0	20.2	97.12900	PASS
g-mode[18Mbps] (15.5; 2462 MHz)	2462.000000	12.7	30.0	19.7	97.13600	PASS
g-mode[24Mbps] (15.5; 2412 MHz)	2412.000000	13.2	30.0	20.2	96.27500	PASS
g-mode[24Mbps] (15.5; 2437 MHz)	2437.000000	13.1	30.0	20.1	96.29500	PASS
g-mode[24Mbps] (15.5; 2462 MHz)	2462.000000	12.7	30.0	19.7	96.28500	PASS
g-mode[36 Mbps] (15.5; 2412 MHz)	2412.000000	13.2	30.0	20.2	94.71700	PASS
g-mode[36 Mbps] (15.5; 2437 MHz)	2437.000000	13.0	30.0	20.0	94.72600	PASS
g-mode[36 Mbps] (15.5; 2462 MHz)	2462.000000	12.7	30.0	19.7	94.73600	PASS
g-mode[48Mbps] (15.5; 2412 MHz)	2412.000000	13.3	30.0	20.3	93.14800	PASS
g-mode[48Mbps] (15.5; 2437 MHz)	2437.000000	13.1	30.0	20.1	93.11200	PASS
g-mode[48Mbps] (15.5; 2462 MHz)	2462.000000	12.8	30.0	19.8	93.17100	PASS
g-mode[54Mbps] (15.5; 2412 MHz)	2412.000000	13.3	30.0	20.3	92.43800	PASS
g-mode[54Mbps] (15.5; 2437 MHz)	2437.000000	13.1	30.0	20.1	92.49200	PASS
g-mode[54Mbps] (15.5; 2462 MHz)	2462.000000	12.6	30.0	19.6	92.47700	PASS
n20-mode[MCS0] (15.5; 2412 MHz)	2412.000000	14.7	30.0	21.7	98.89400	PASS
n20-mode[MCS0] (15.5; 2437 MHz)	2437.000000	14.7	30.0	21.7	98.89400	PASS
n20-mode[MCS0] (15.5; 2462 MHz)	2462.000000	14.1	30.0	21.1	98.89500	PASS
n20-mode[MCS1] (15.5; 2412 MHz)	2412.000000	14.6	30.0	21.6	97.90800	PASS
n20-mode[MCS1] (15.5; 2437 MHz)	2437.000000	14.7	30.0	21.7	97.91700	PASS
n20-mode[MCS1] (15.5; 2462 MHz)	2462.000000	14.1	30.0	21.1	97.92000	PASS
n20-mode[MCS2] (15.5; 2412 MHz)	2412.000000	14.6	30.0	21.6	96.96100	PASS
n20-mode[MCS2] (15.5; 2437 MHz)	2437.000000	14.6	30.0	21.6	96.97900	PASS
n20-mode[MCS2] (15.5; 2462 MHz)	2462.000000	14.1	30.0	21.1	96.96500	PASS
n20-mode[MCS3] (15.5; 2412 MHz)	2412.000000	14.6	30.0	21.6	96.09300	PASS
n20-mode[MCS3] (15.5; 2437 MHz)	2437.000000	14.7	30.0	21.7	96.05800	PASS

n20-mode[MCS3] (15.5; 2462 MHz)	2462.000000	14.0	30.0	21.0	96.06700	PASS
n20-mode[MCS4] (15.5; 2412 MHz)	2412.000000	14.6	30.0	21.6	94.45100	PASS
n20-mode[MCS4] (15.5; 2437 MHz)	2437.000000	14.7	30.0	21.7	94.47100	PASS
n20-mode[MCS4] (15.5; 2462 MHz)	2462.000000	14.0	30.0	21.0	94.45000	PASS
n20-mode[MCS5] (15.5; 2412 MHz)	2412.000000	14.6	30.0	21.6	92.98100	PASS
n20-mode[MCS5] (15.5; 2437 MHz)	2437.000000	14.7	30.0	21.7	92.95200	PASS
n20-mode[MCS5] (15.5; 2462 MHz)	2462.000000	14.0	30.0	21.0	92.97900	PASS
n20-mode[MCS6] (15.5; 2412 MHz)	2412.000000	14.6	30.0	21.6	92.39100	PASS
n20-mode[MCS6] (15.5; 2437 MHz)	2437.000000	14.7	30.0	21.7	92.39900	PASS
n20-mode[MCS6] (15.5; 2462 MHz)	2462.000000	14.1	30.0	21.1	92.34700	PASS
n20-mode[MCS7] (15.5; 2412 MHz)	2412.000000	14.6	30.0	21.6	91.75200	PASS
n20-mode[MCS7] (15.5; 2437 MHz)	2437.000000	14.6	30.0	21.6	91.69000	PASS
n20-mode[MCS7] (15.5; 2462 MHz)	2462.000000	14.1	30.0	21.1	91.70500	PASS
n40-mode[MCS0] (13; 2422 MHz)	2422.000000	13.4	30.0	20.4	97.82500	PASS
n40-mode[MCS0] (13; 2437 MHz)	2437.000000	13.4	30.0	20.4	97.82500	PASS
n40-mode[MCS0] (13; 2452 MHz)	2452.000000	13.0	30.0	20.0	97.82500	PASS
n40-mode[MCS1] (13; 2422 MHz)	2422.000000	13.5	30.0	20.5	95.96200	PASS
n40-mode[MCS1] (13; 2437 MHz)	2437.000000	13.6	30.0	20.6	95.97300	PASS
n40-mode[MCS1] (13; 2452 MHz)	2452.000000	13.1	30.0	20.1	95.98100	PASS
n40-mode[MCS2] (13; 2422 MHz)	2422.000000	13.5	30.0	20.5	94.29800	PASS
n40-mode[MCS2] (13; 2437 MHz)	2437.000000	13.4	30.0	20.4	94.30300	PASS
n40-mode[MCS2] (13; 2452 MHz)	2452.000000	13.1	30.0	20.1	94.29500	PASS
n40-mode[MCS3] (13; 2422 MHz)	2422.000000	13.5	30.0	20.5	92.78100	PASS
n40-mode[MCS3] (13; 2437 MHz)	2437.000000	13.3	30.0	20.3	92.77800	PASS
n40-mode[MCS3] (13; 2452 MHz)	2452.000000	13.0	30.0	20.0	92.79700	PASS
n40-mode[MCS4] (13; 2422 MHz)	2422.000000	13.2	30.0	20.2	90.19500	PASS
n40-mode[MCS4] (13; 2437 MHz)	2437.000000	13.4	30.0	20.4	90.22900	PASS
n40-mode[MCS4] (13; 2452 MHz)	2452.000000	13.0	30.0	20.0	90.23100	PASS
n40-mode[MCS5] (13; 2422 MHz)	2422.000000	13.2	30.0	20.2	88.19900	PASS
n40-mode[MCS5] (13; 2437 MHz)	2437.000000	13.3	30.0	20.3	88.17900	PASS
n40-mode[MCS5] (13; 2452 MHz)	2452.000000	13.0	30.0	20.0	88.19000	PASS
n40-mode[MCS6] (13; 2422 MHz)	2422.000000	13.1	30.0	20.1	87.30900	PASS
n40-mode[MCS6] (13; 2437 MHz)	2437.000000	13.2	30.0	20.2	87.34000	PASS
n40-mode[MCS6] (13; 2452 MHz)	2452.000000	12.9	30.0	19.9	87.35500	PASS
n40-mode[MCS7] (13; 2422 MHz)	2422.000000	13.1	30.0	20.1	86.34600	PASS
n40-mode[MCS7] (13; 2437 MHz)	2437.000000	13.2	30.0	20.2	86.30400	PASS
n40-mode[MCS7] (13; 2452 MHz)	2452.000000	13.0	30.0	20.0	86.35900	PASS

2.2 Minimum Emission Bandwidth 6dB

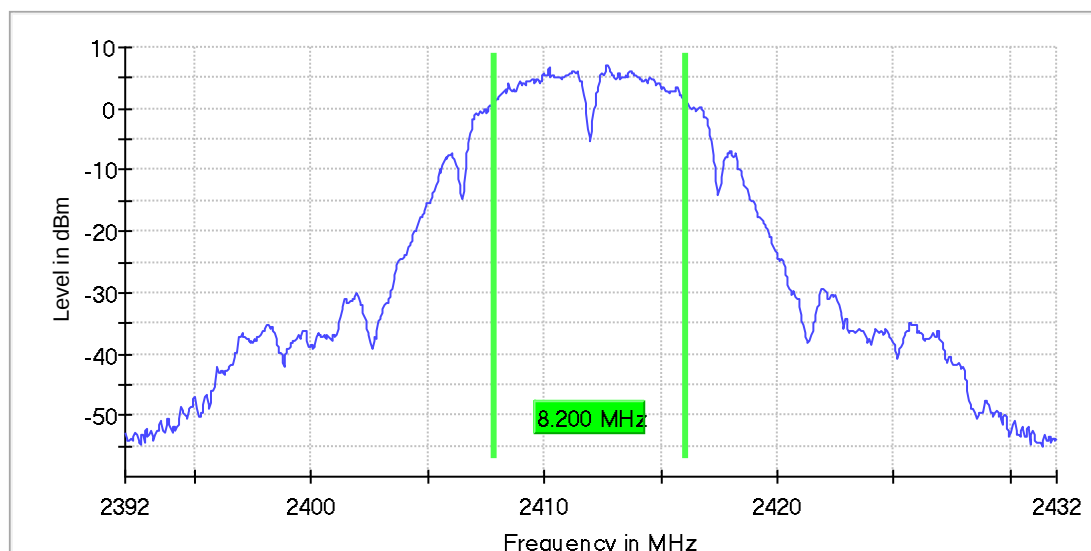
2.2.1 b-mode

Minimum Emission Bandwidth 6 dB (2412 MHz; b-mode[2 Mbps] (15.5 dBm); 20 MHz)

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2412.000000	8.200000	0.500000	---	2407.875000	2416.075000

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

DUT Frequency (MHz)	Max Level (dBm)	Result
2412.000000	7.0	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.39200 GHz	2.39200 GHz
Stop Frequency	2.43200 GHz	2.43200 GHz
Span	40.000 MHz	40.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	800	~ 800
Sweeptime	1.000 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	64 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.00 dB	0.50 dB

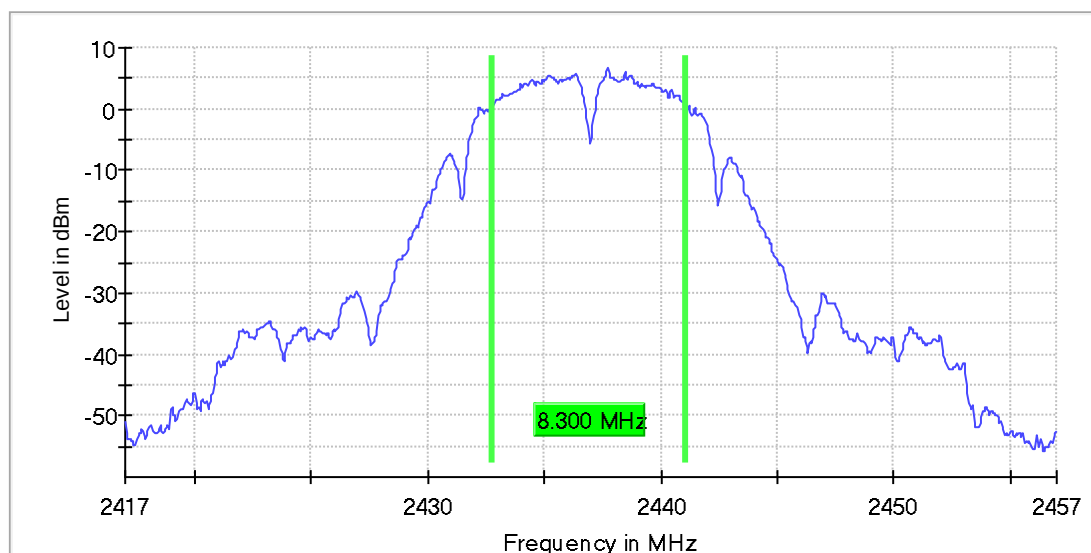
Minimum Emission Bandwidth 6 dB (2437 MHz; b-mode[2 Mbps] (15.5 dBm); 20 MHz)

6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2437.000000	8.300000	0.500000	---	2432.775000	2441.075000

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

DUT Frequency (MHz)	Max Level (dBm)	Result
2437.000000	6.6	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.41700 GHz	2.41700 GHz
Stop Frequency	2.45700 GHz	2.45700 GHz
Span	40.000 MHz	40.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	800	~ 800
SweepTime	1.000 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	60 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.21 dB	0.50 dB

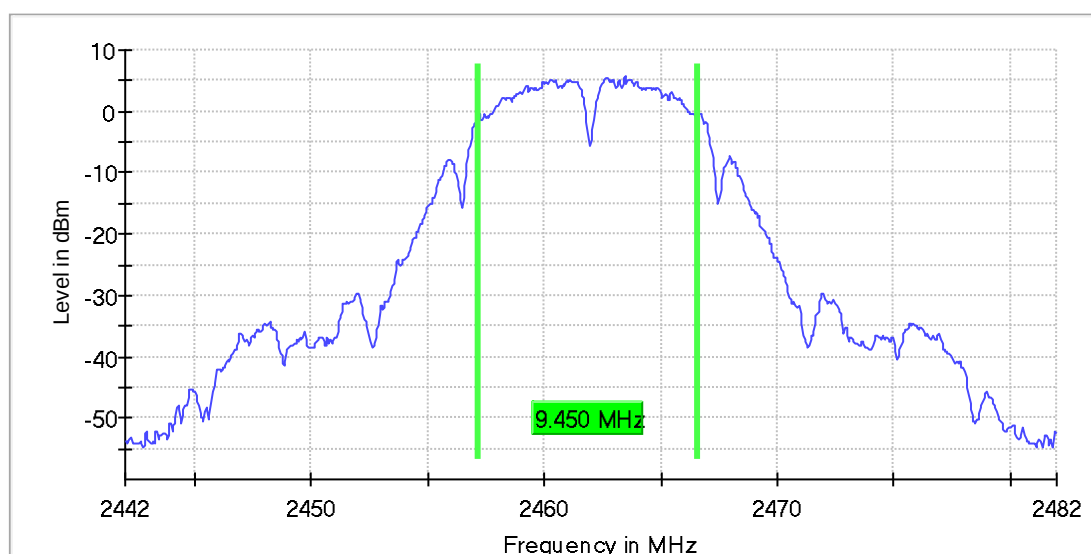
Minimum Emission Bandwidth 6 dB (2462 MHz; b-mode[2 Mbps] (15.5 dBm); 20 MHz)

6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2462.000000	9.450000	0.500000	---	2457.175000	2466.625000

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

DUT Frequency (MHz)	Max Level (dBm)	Result
2462.000000	5.6	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.44200 GHz	2.44200 GHz
Stop Frequency	2.48200 GHz	2.48200 GHz
Span	40.000 MHz	40.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	800	~ 800
Sweeptime	1.000 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	67 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.29 dB	0.50 dB

2.2.2 g-mode

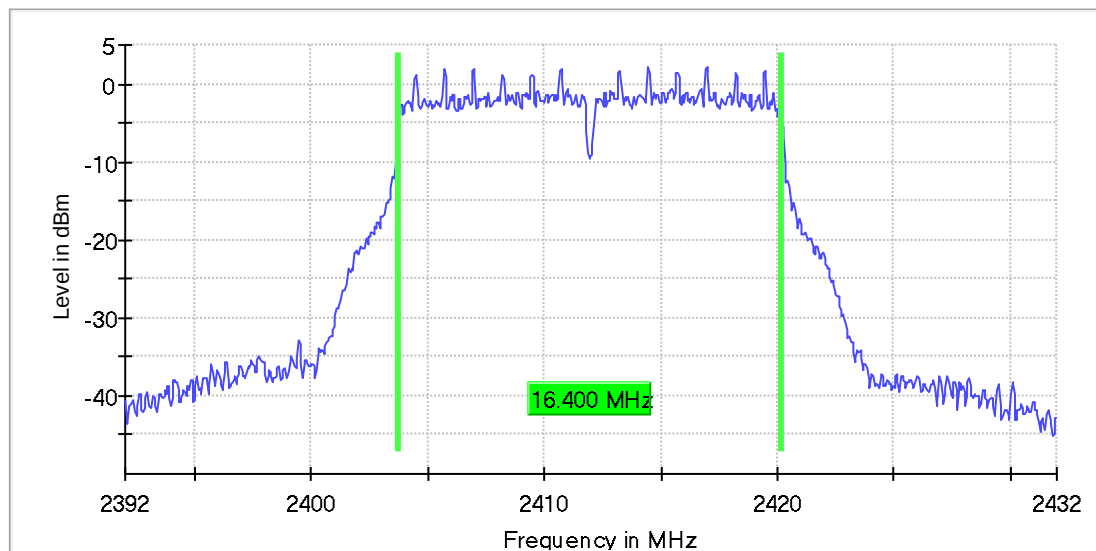
Minimum Emission Bandwidth 6 dB (2412 MHz; g-mode[6 Mbps] (15.5 dBm); 20 MHz)

6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2412.000000	16.400000	0.500000	---	2403.775000	2420.175000

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

DUT Frequency (MHz)	Max Level (dBm)	Result
2412.000000	2.1	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.39200 GHz	2.39200 GHz
Stop Frequency	2.43200 GHz	2.43200 GHz
Span	40.000 MHz	40.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	800	~ 800
SweepTime	1.000 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	37 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.12 dB	0.50 dB

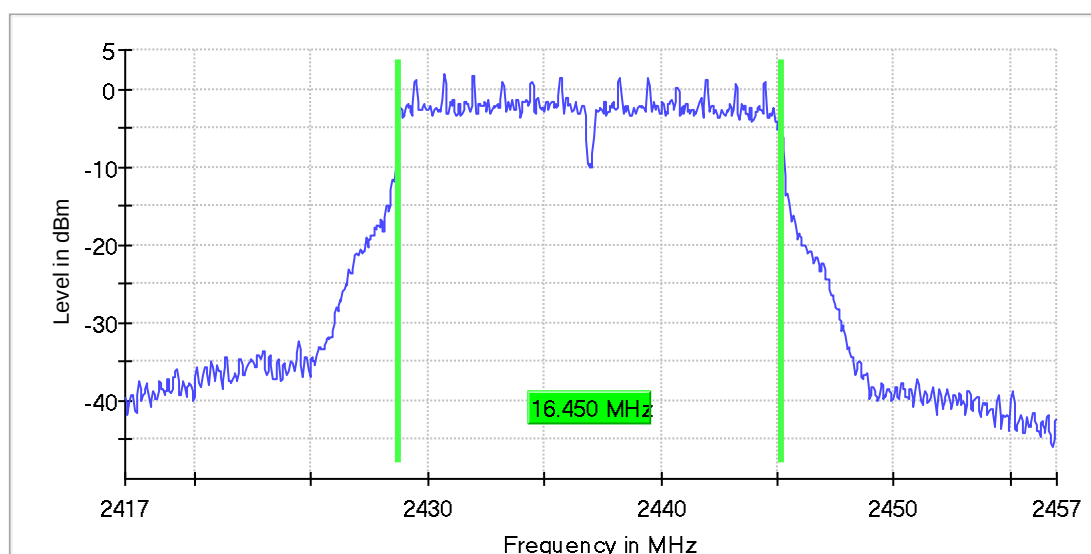
Minimum Emission Bandwidth 6 dB (2437 MHz; g-mode[6 Mbps] (15.5 dBm); 20 MHz)

6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2437.000000	16.450000	0.500000	---	2428.725000	2445.175000

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

DUT Frequency (MHz)	Max Level (dBm)	Result
2437.000000	1.8	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.41700 GHz	2.41700 GHz
Stop Frequency	2.45700 GHz	2.45700 GHz
Span	40.000 MHz	40.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	800	~ 800
Sweeptime	1.000 ms	AUTO
Reference Level	10.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	29 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.12 dB	0.50 dB

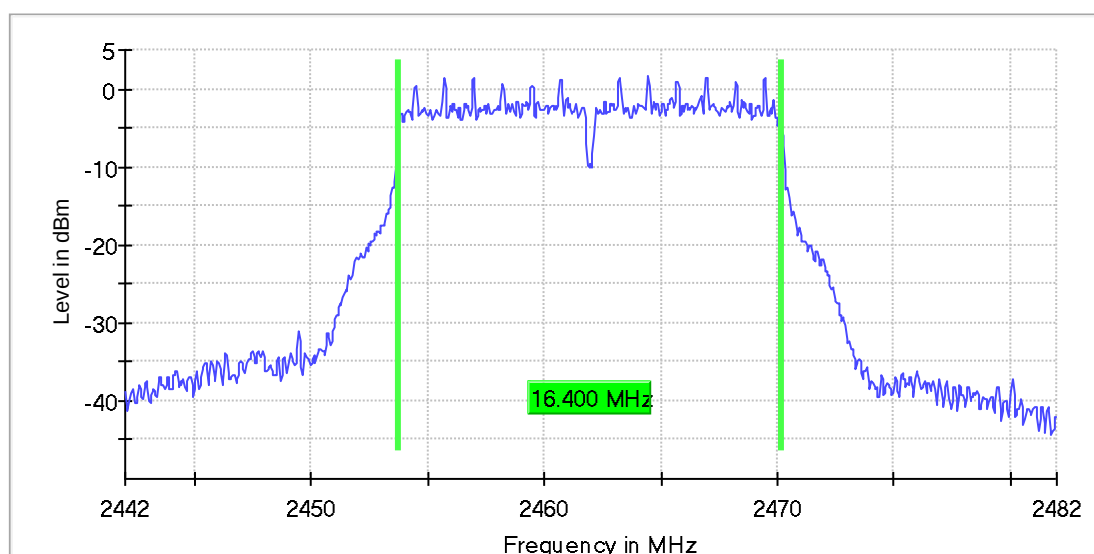
Minimum Emission Bandwidth 6 dB (2462 MHz; g-mode[6 Mbps] (15.5 dBm); 20 MHz)

6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2462.000000	16.400000	0.500000	---	2453.775000	2470.175000

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

DUT Frequency (MHz)	Max Level (dBm)	Result
2462.000000	1.6	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.44200 GHz	2.44200 GHz
Stop Frequency	2.48200 GHz	2.48200 GHz
Span	40.000 MHz	40.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	800	~ 800
SweepTime	1.000 ms	AUTO
Reference Level	10.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	46 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.44 dB	0.50 dB

2.2.3 n-mode HT20

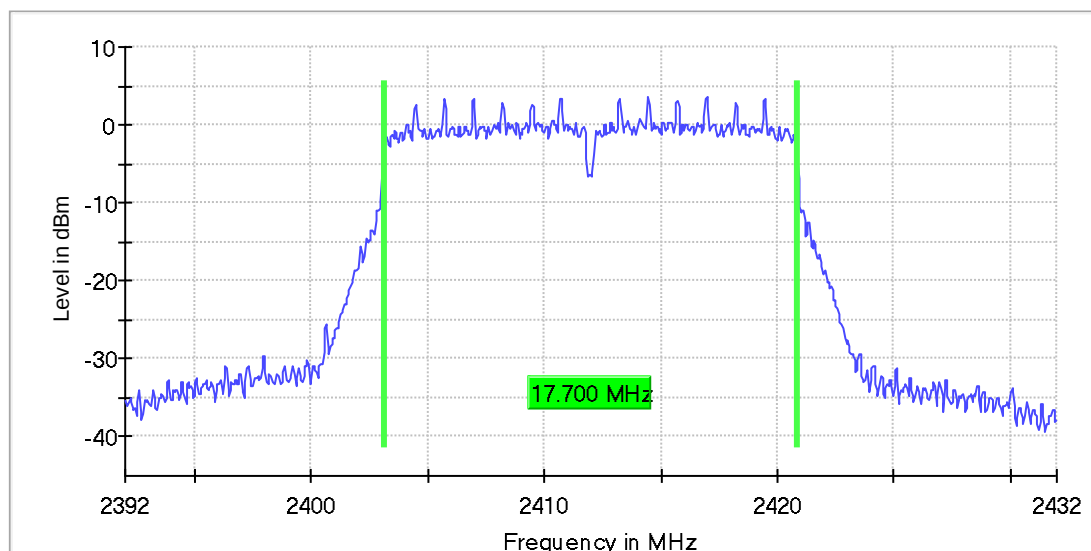
Minimum Emission Bandwidth 6 dB (2412 MHz; n20-mode[MCS0] (15.5 dBm); 20 MHz)

6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2412.000000	17.700000	0.500000	---	2403.125000	2420.825000

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

DUT Frequency (MHz)	Max Level (dBm)	Result
2412.000000	3.5	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.39200 GHz	2.39200 GHz
Stop Frequency	2.43200 GHz	2.43200 GHz
Span	40.000 MHz	40.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	800	~ 800
SweepTime	1.000 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	39 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.47 dB	0.50 dB

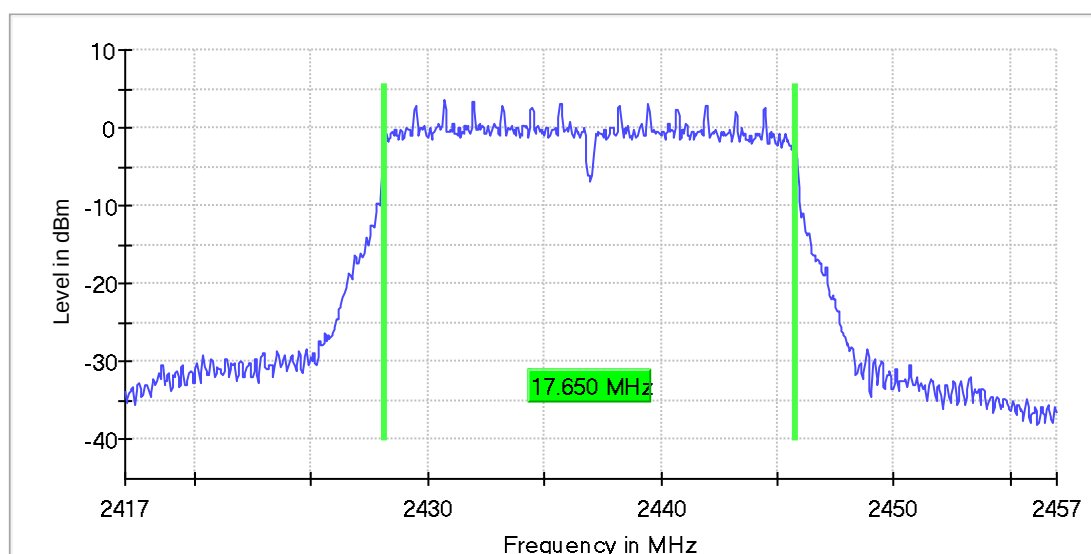
Minimum Emission Bandwidth 6 dB (2437 MHz; n20-mode[MCS0] (15.5 dBm); 20 MHz)

6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2437.000000	17.650000	0.500000	---	2428.125000	2445.775000

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

DUT Frequency (MHz)	Max Level (dBm)	Result
2437.000000	3.5	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.41700 GHz	2.41700 GHz
Stop Frequency	2.45700 GHz	2.45700 GHz
Span	40.000 MHz	40.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	800	~ 800
Sweeptime	1.000 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	72 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.14 dB	0.50 dB

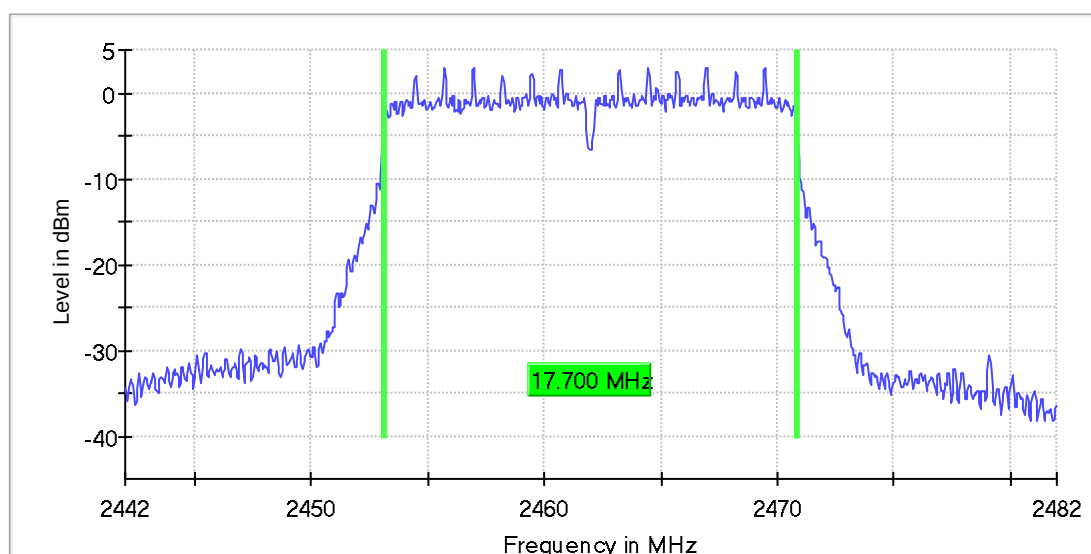
Minimum Emission Bandwidth 6 dB (2462 MHz; n20-mode[MCS0] (15.5 dBm); 20 MHz)

6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2462.000000	17.700000	0.500000	---	2453.125000	2470.825000

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

DUT Frequency (MHz)	Max Level (dBm)	Result
2462.000000	3.0	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.44200 GHz	2.44200 GHz
Stop Frequency	2.48200 GHz	2.48200 GHz
Span	40.000 MHz	40.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	800	~ 800
Sweeptime	1.000 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	54 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.31 dB	0.50 dB

2.2.4 n-mode HT40

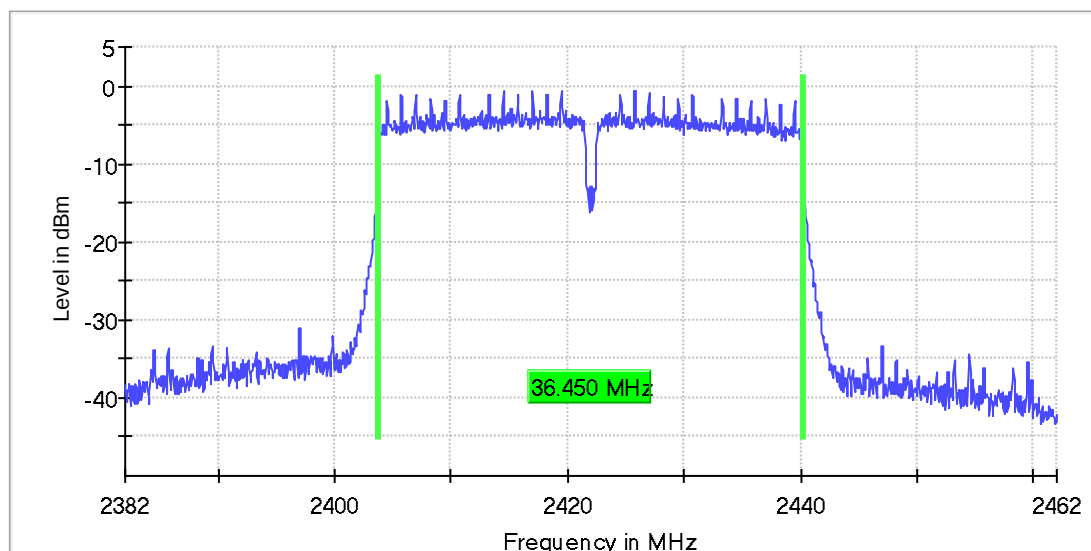
Minimum Emission Bandwidth 6 dB (2422 MHz; n40-mode[MCS1] (13 dBm); 40 MHz)

6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2422.000000	36.450000	0.500000	---	2403.775000	2440.225000

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

DUT Frequency (MHz)	Max Level (dBm)	Result
2422.000000	-0.5	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.38200 GHz	2.38200 GHz
Stop Frequency	2.46200 GHz	2.46200 GHz
Span	80.000 MHz	80.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	1600	~ 1600
SweepTime	1.600 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	117 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.05 dB	0.50 dB

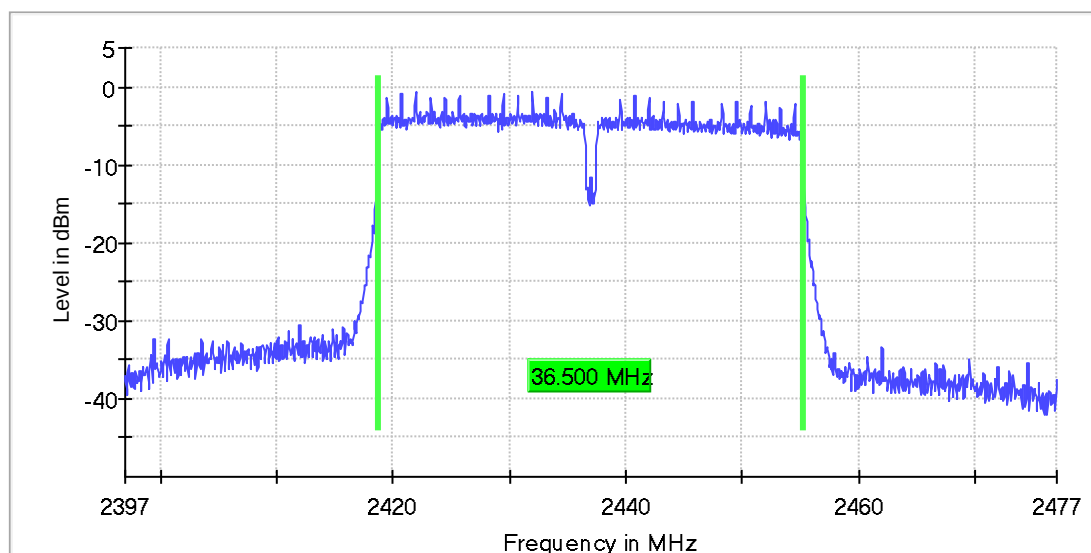
Minimum Emission Bandwidth 6 dB (2437 MHz; n40-mode[MCS1] (13 dBm); 40 MHz)

6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2437.000000	36.500000	0.500000	---	2418.725000	2455.225000

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

DUT Frequency (MHz)	Max Level (dBm)	Result
2437.000000	-0.7	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.39700 GHz	2.39700 GHz
Stop Frequency	2.47700 GHz	2.47700 GHz
Span	80.000 MHz	80.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	1600	~ 1600
SweepTime	1.600 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	101 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.32 dB	0.50 dB

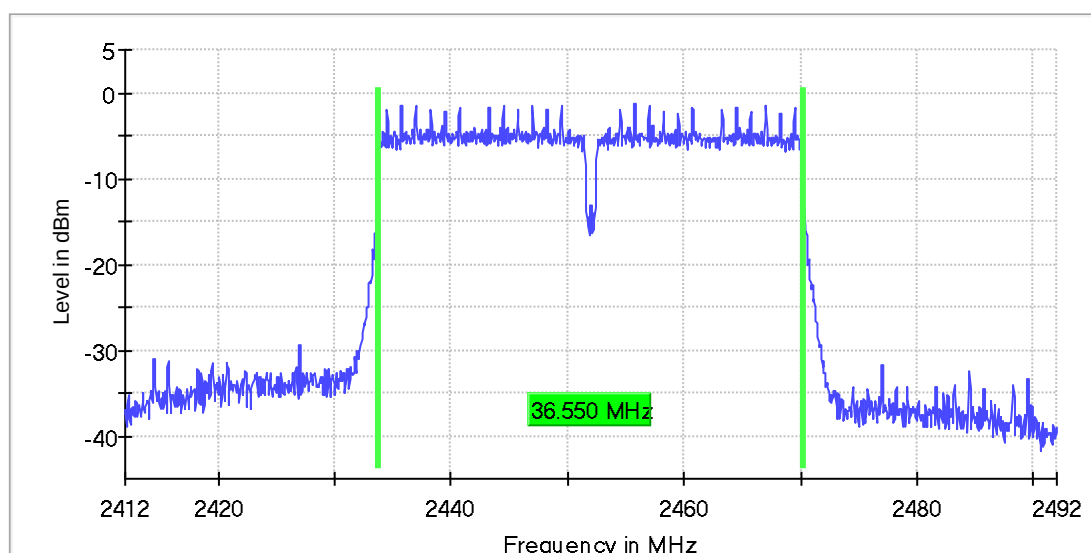
Minimum Emission Bandwidth 6 dB (2452 MHz; n40-mode[MCS1] (13 dBm); 40 MHz)

6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2452.000000	36.550000	0.500000	---	2433.725000	2470.275000

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

DUT Frequency (MHz)	Max Level (dBm)	Result
2452.000000	-1.3	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.41200 GHz	2.41200 GHz
Stop Frequency	2.49200 GHz	2.49200 GHz
Span	80.000 MHz	80.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	1600	~ 1600
Sweeptime	1.600 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	86 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.27 dB	0.50 dB

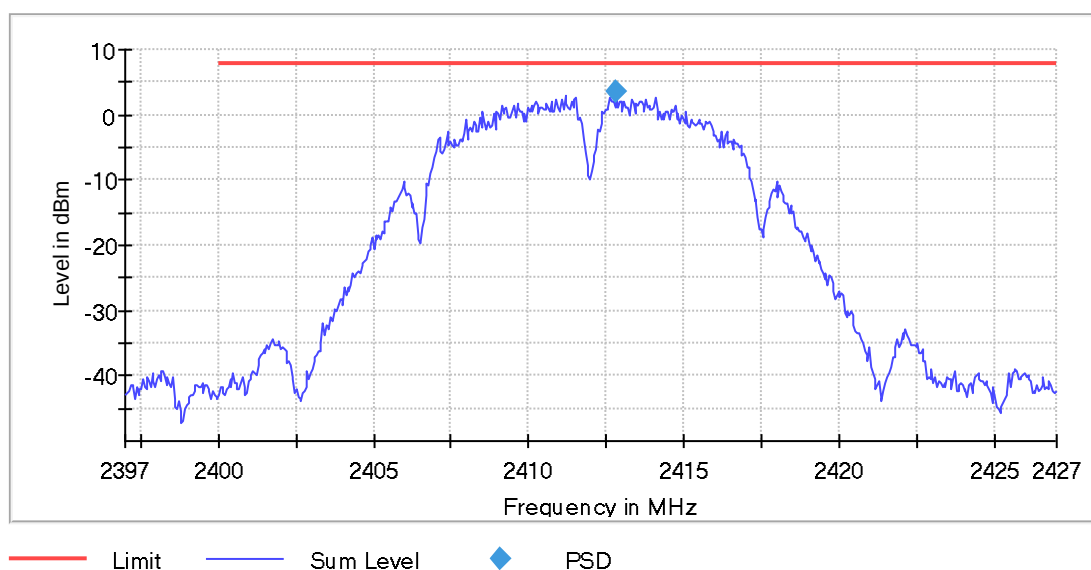
2.3 Power Spectral Density

2.3.1 b-mode

Power Spectral Density (2412 MHz; b-mode[2 Mbps] (15.5 dBm); 20 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2412.000000	2412.825000	3.461	8.0	PASS



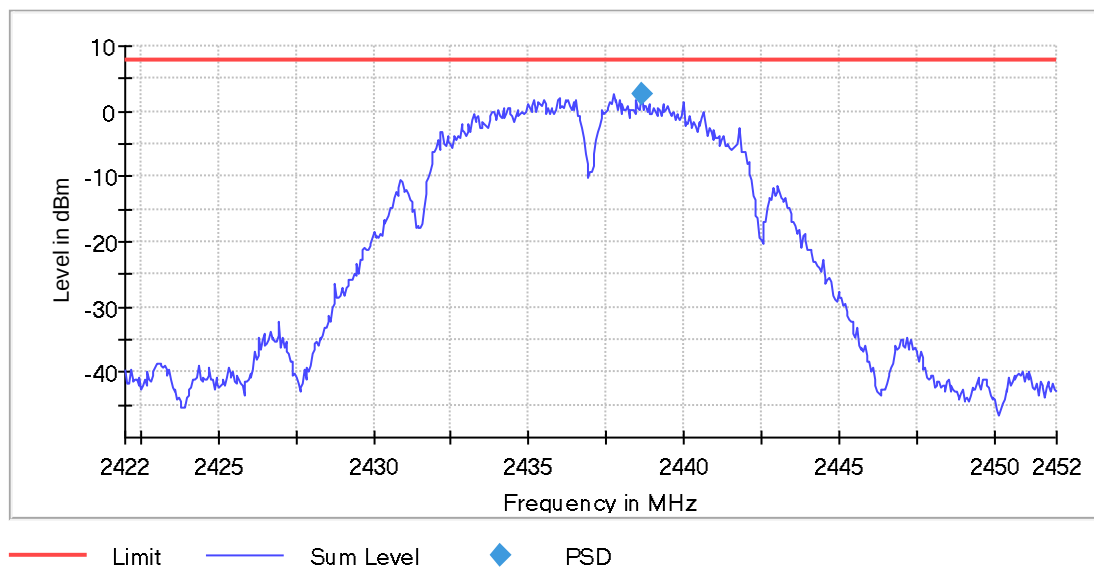
Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.39700 GHz	2.39700 GHz
Stop Frequency	2.42700 GHz	2.42700 GHz
Span	30.000 MHz	30.000 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	600	~ 600
SweepTime	12.000 ms	12.000 ms
Reference Level	10.000 dBm	10.000 dBm
Attenuation	20.000 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	89 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.25 dB	0.50 dB

Power Spectral Density (2437 MHz; b-mode[2 Mbps] (15.5 dBm); 20 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2437.000000	2438.625000	2.780	8.0	PASS



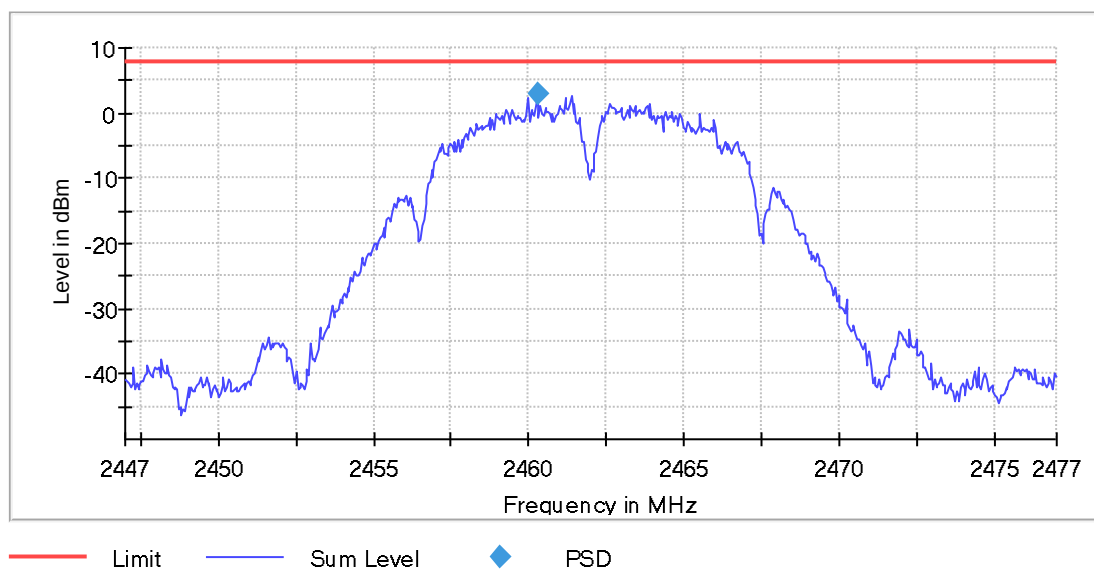
Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.42200 GHz	2.42200 GHz
Stop Frequency	2.45200 GHz	2.45200 GHz
Span	30.000 MHz	30.000 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	600	~ 600
SweepTime	12.000 ms	12.000 ms
Reference Level	10.000 dBm	10.000 dBm
Attenuation	20.000 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	108 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.24 dB	0.50 dB

Power Spectral Density (2462 MHz; b-mode[2 Mbps] (15.5 dBm); 20 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2462.000000	2460.275000	2.820	8.0	PASS



Measurement

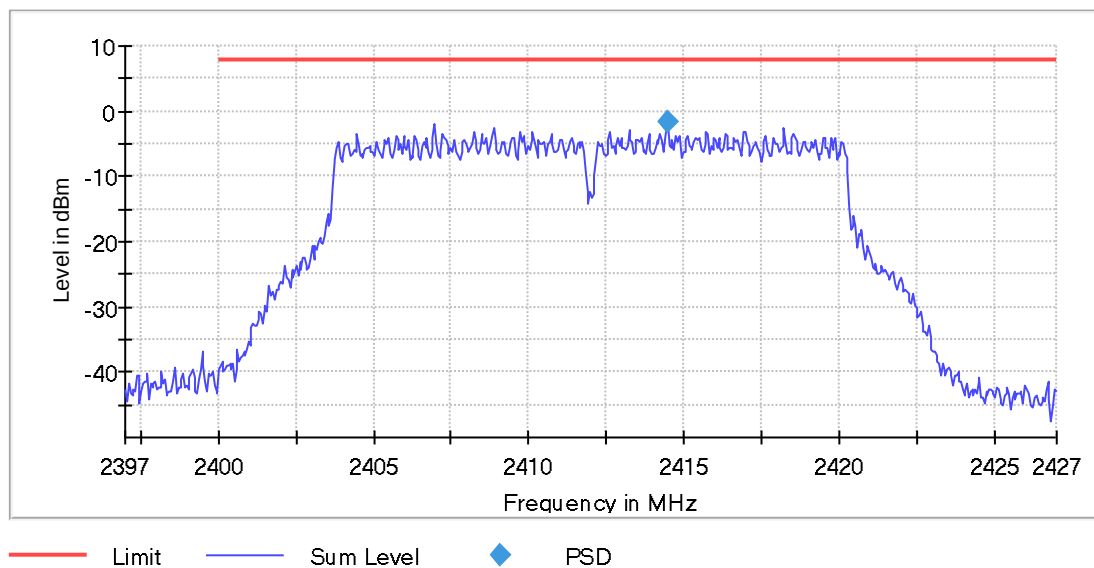
Setting	Instrument Value	Target Value
Start Frequency	2.44700 GHz	2.44700 GHz
Stop Frequency	2.47700 GHz	2.47700 GHz
Span	30.000 MHz	30.000 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	600	~ 600
SweepTime	12.000 ms	12.000 ms
Reference Level	10.000 dBm	10.000 dBm
Attenuation	20.000 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	72 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.47 dB	0.50 dB

2.3.2 g-mode

Power Spectral Density (2412 MHz; g-mode[6 Mbps] (15.5 dBm); 20 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2412.000000	2414.475000	-1.514	8.0	PASS



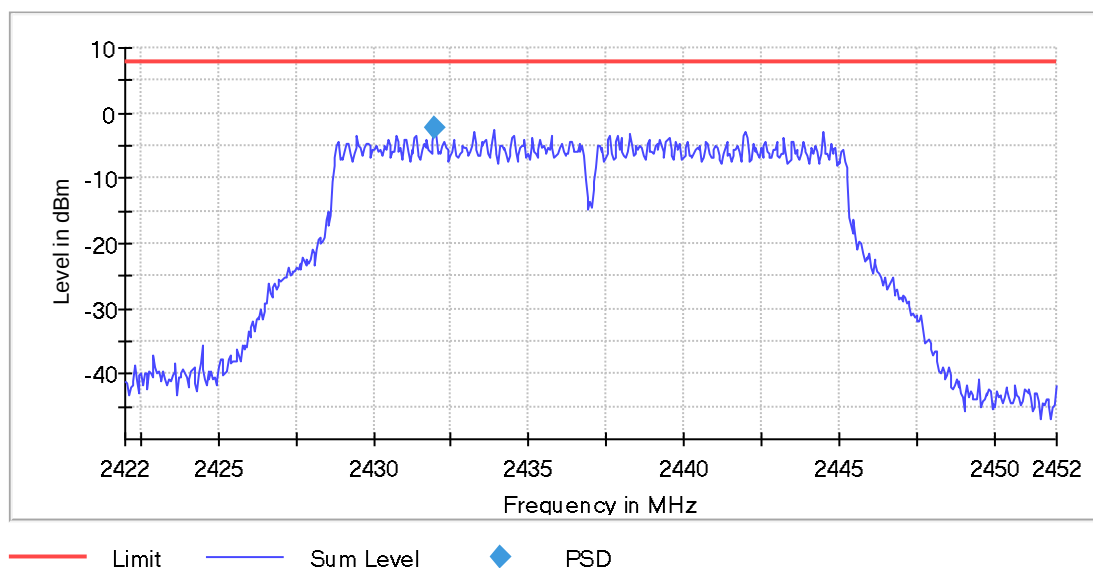
Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.39700 GHz	2.39700 GHz
Stop Frequency	2.42700 GHz	2.42700 GHz
Span	30.000 MHz	30.000 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	600	~ 600
SweepTime	12.000 ms	12.000 ms
Reference Level	10.000 dBm	10.000 dBm
Attenuation	20.000 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	87 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.50 dB

Power Spectral Density (2437 MHz; g-mode[6 Mbps] (15.5 dBm); 20 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2437.000000	2431.975000	-2.128	8.0	PASS



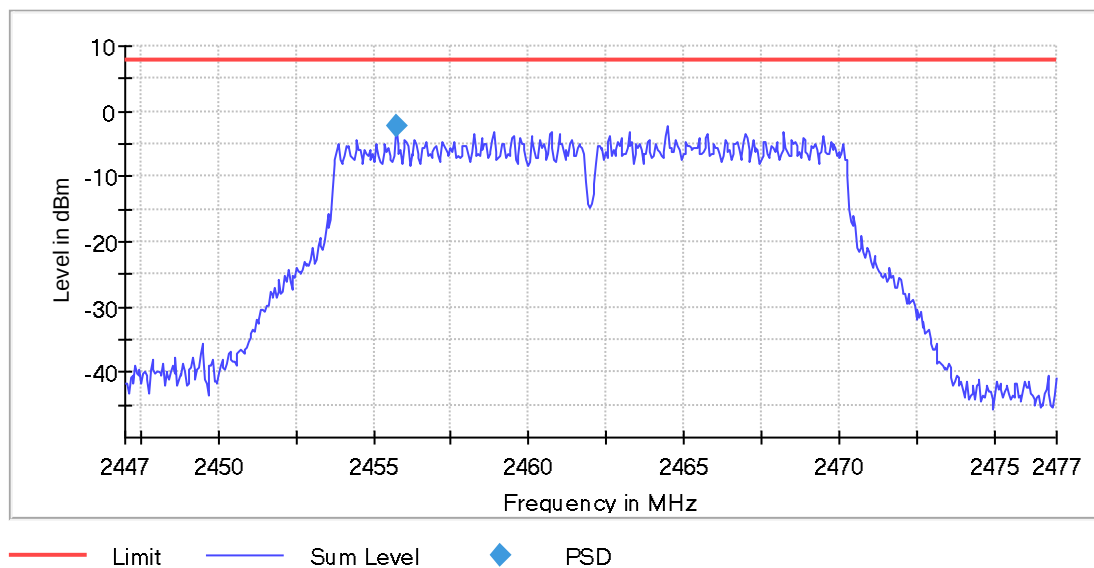
Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.42200 GHz	2.42200 GHz
Stop Frequency	2.45200 GHz	2.45200 GHz
Span	30.000 MHz	30.000 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	600	~ 600
SweepTime	12.000 ms	12.000 ms
Reference Level	10.000 dBm	0.000 dBm
Attenuation	20.000 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	109 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.22 dB	0.50 dB

Power Spectral Density (2462 MHz; g-mode[6 Mbps] (15.5 dBm); 20 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2462.000000	2455.725000	-2.212	8.0	PASS



Measurement

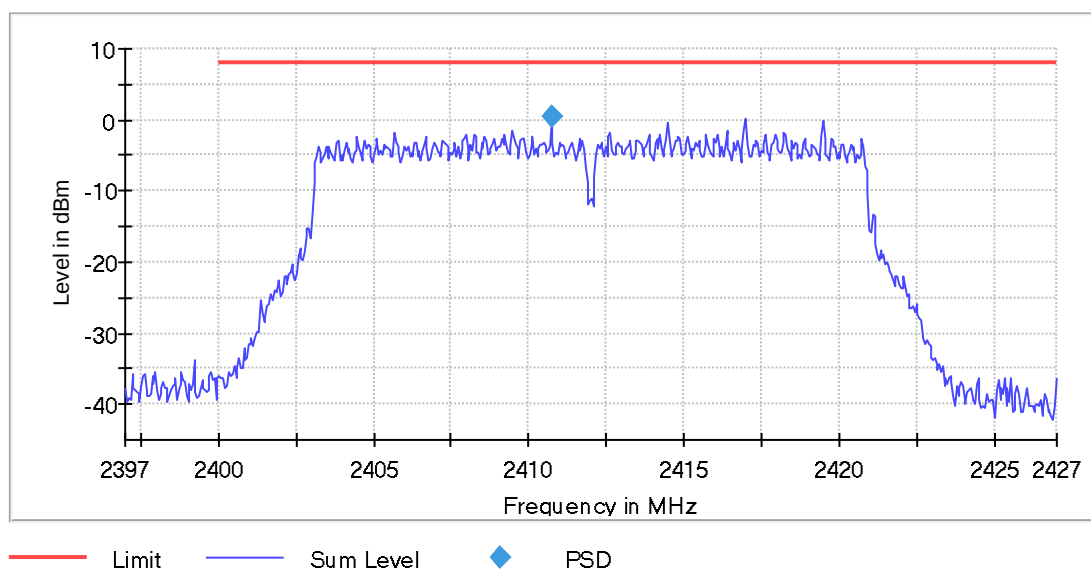
Setting	Instrument Value	Target Value
Start Frequency	2.44700 GHz	2.44700 GHz
Stop Frequency	2.47700 GHz	2.47700 GHz
Span	30.000 MHz	30.000 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	600	~ 600
SweepTime	12.000 ms	12.000 ms
Reference Level	10.000 dBm	0.000 dBm
Attenuation	20.000 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	90 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.22 dB	0.50 dB

2.3.3 n-mode HT20

Power Spectral Density (2412 MHz; n20-mode[MCS0] (15.5 dBm); 20 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2412.000000	2410.725000	0.361	8.0	PASS



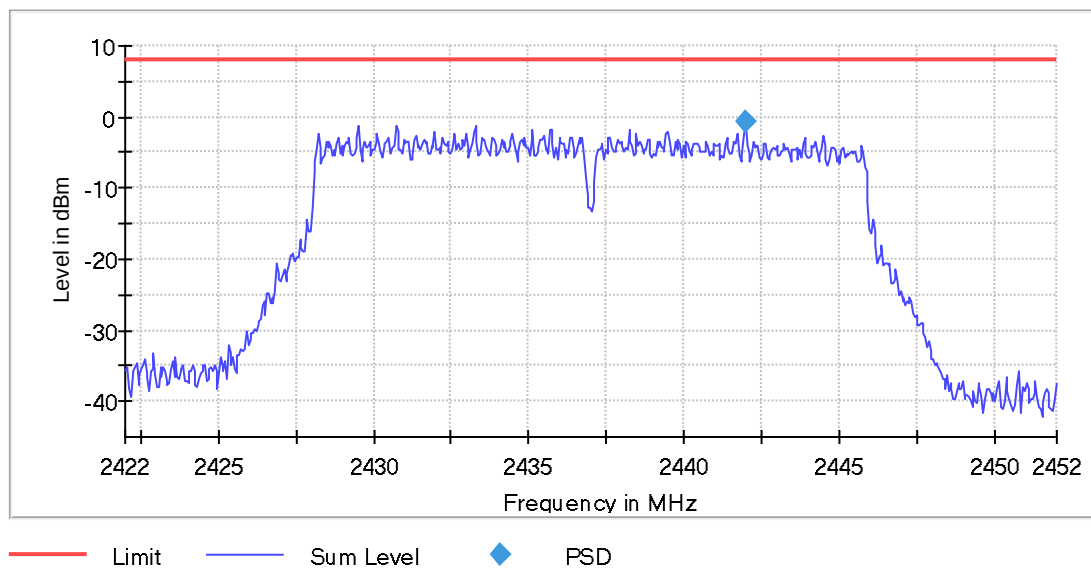
Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.39700 GHz	2.39700 GHz
Stop Frequency	2.42700 GHz	2.42700 GHz
Span	30.000 MHz	30.000 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	600	~ 600
SweepTime	12.000 ms	12.000 ms
Reference Level	10.000 dBm	10.000 dBm
Attenuation	20.000 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	115 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.50 dB

Power Spectral Density (2437 MHz; n20-mode[MCS0] (15.5 dBm); 20 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2437.000000	2441.975000	-0.554	8.0	PASS



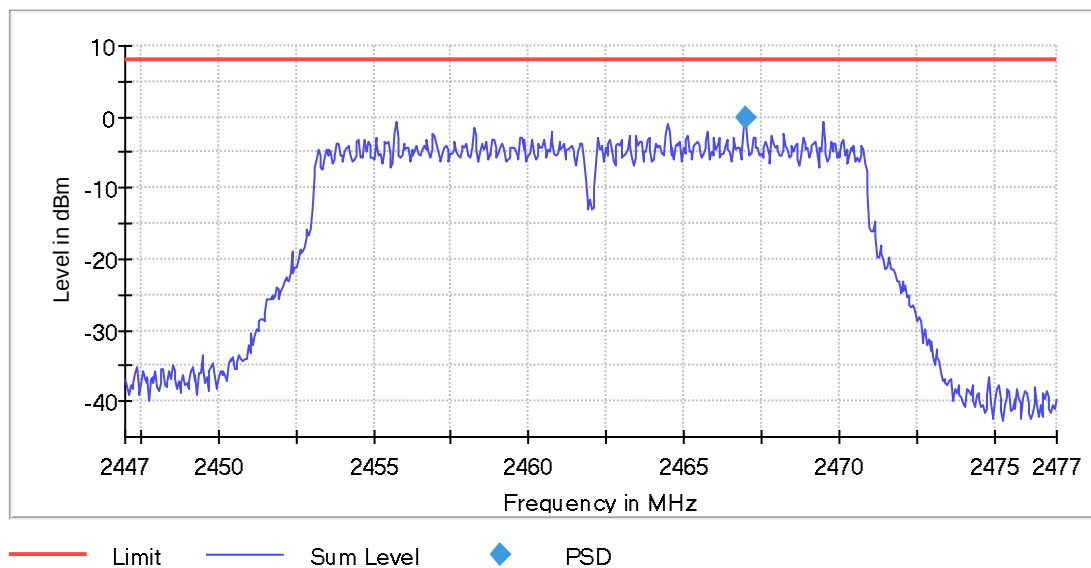
Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.42200 GHz	2.42200 GHz
Stop Frequency	2.45200 GHz	2.45200 GHz
Span	30.000 MHz	30.000 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	600	~ 600
SweepTime	12.000 ms	12.000 ms
Reference Level	10.000 dBm	10.000 dBm
Attenuation	20.000 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	70 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.42 dB	0.50 dB

Power Spectral Density (2462 MHz; n20-mode[MCS0] (15.5 dBm); 20 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2462.000000	2466.975000	-0.186	8.0	PASS



Measurement

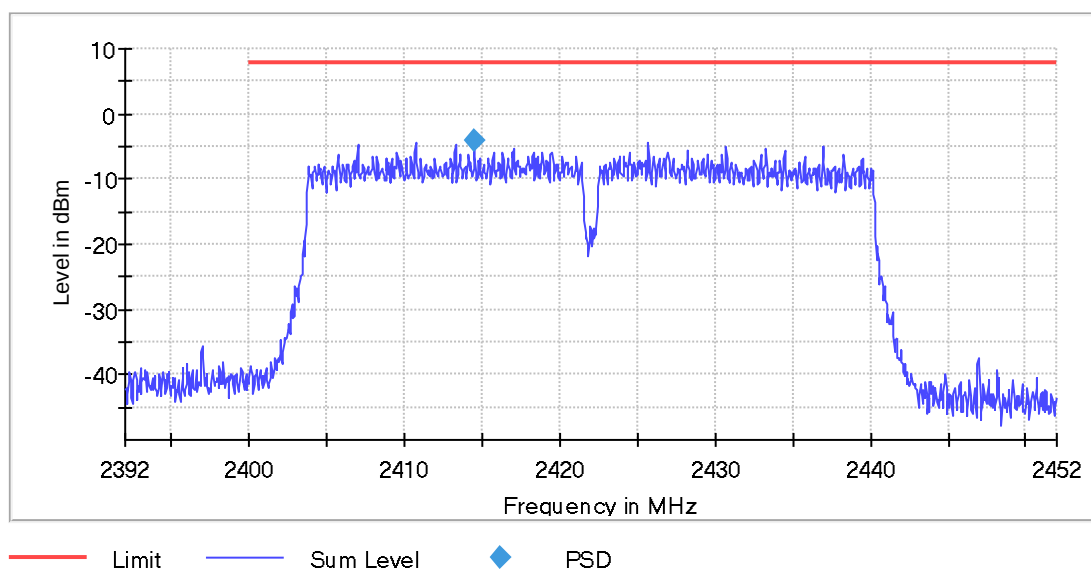
Setting	Instrument Value	Target Value
Start Frequency	2.44700 GHz	2.44700 GHz
Stop Frequency	2.47700 GHz	2.47700 GHz
Span	30.000 MHz	30.000 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	600	~ 600
SweepTime	12.000 ms	12.000 ms
Reference Level	10.000 dBm	10.000 dBm
Attenuation	20.000 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	98 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.50 dB

2.3.4 n-mode HT40

Power Spectral Density (2422 MHz; n40-mode[MCS1] (13 dBm); 40 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2422.000000	2414.475000	-3.941	8.0	PASS



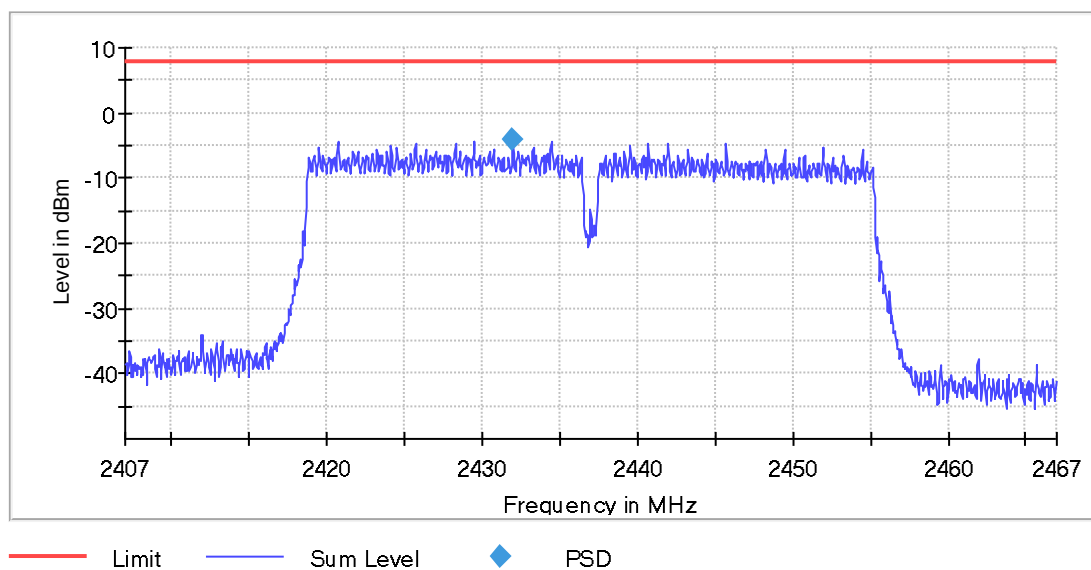
Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.39200 GHz	2.39200 GHz
Stop Frequency	2.45200 GHz	2.45200 GHz
Span	60.000 MHz	60.000 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1200	~ 1200
SweepTime	24.000 ms	24.000 ms
Reference Level	10.000 dBm	10.000 dBm
Attenuation	20.000 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	103 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.22 dB	0.50 dB

Power Spectral Density (2437 MHz; n40-mode[MCS1] (13 dBm); 40 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2437.000000	2431.975000	-4.046	8.0	PASS



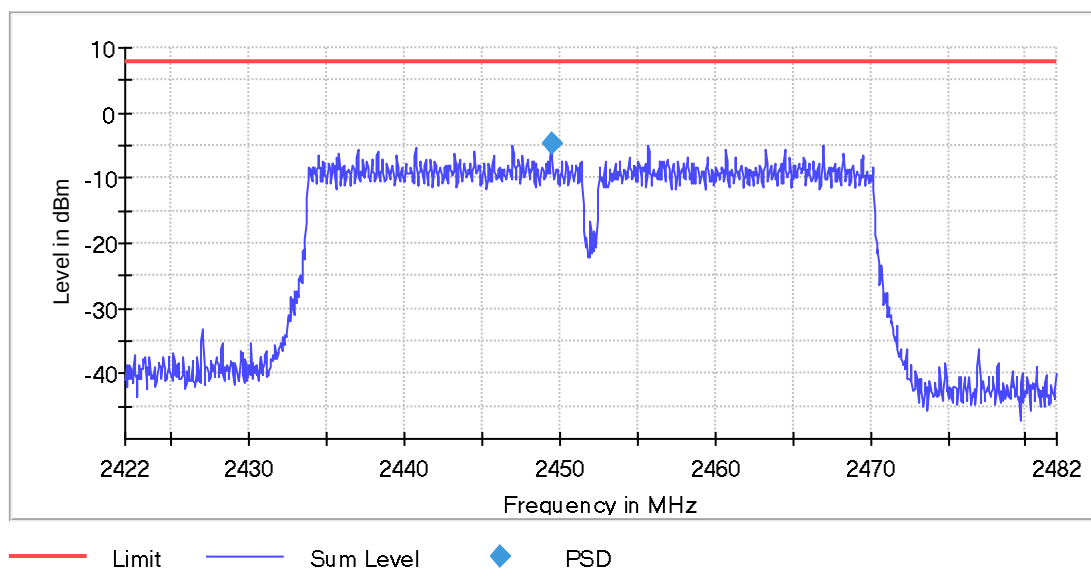
Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.40700 GHz	2.40700 GHz
Stop Frequency	2.46700 GHz	2.46700 GHz
Span	60.000 MHz	60.000 MHz
RBW	100.000 kHz	≤ 100.000 kHz
VBW	300.000 kHz	≥ 300.000 kHz
SweepPoints	1200	~ 1200
SweepTime	24.000 ms	24.000 ms
Reference Level	10.000 dBm	10.000 dBm
Attenuation	20.000 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	107 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.13 dB	0.50 dB

Power Spectral Density (2452 MHz; n40-mode[MCS1] (13 dBm); 40 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2452.000000	2449.475000	-4.591	8.0	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.42200 GHz	2.42200 GHz
Stop Frequency	2.48200 GHz	2.48200 GHz
Span	60.000 MHz	60.000 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1200	~ 1200
SweepTime	24.000 ms	24.000 ms
Reference Level	10.000 dBm	10.000 dBm
Attenuation	20.000 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	114 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.50 dB

2.4 Occupied Channel Bandwidth 99%

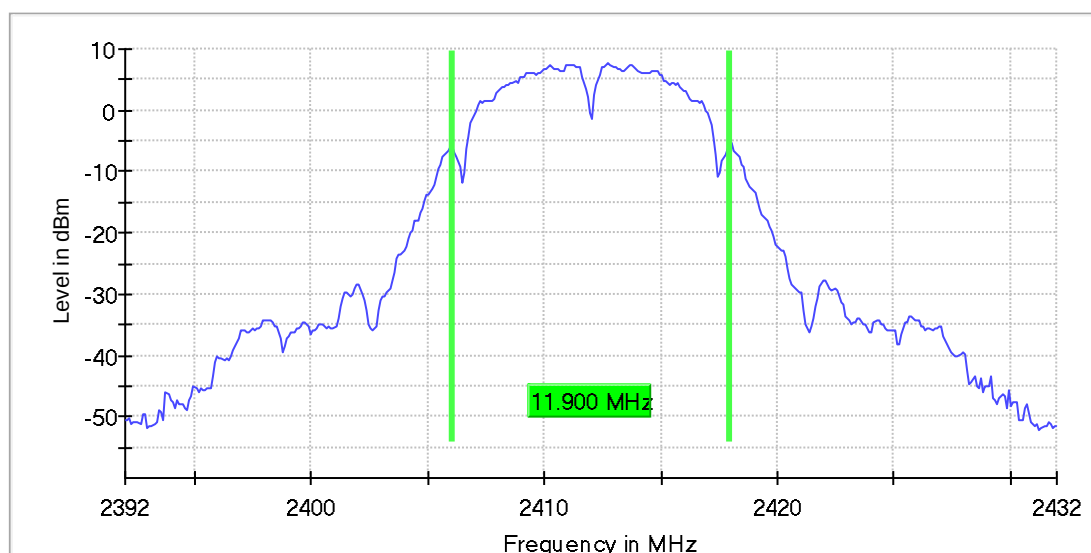
2.4.1 b-mode

Occupied Channel Bandwidth 99% (2412 MHz; b-mode[2 Mbps] (15.5 dBm); 20 MHz)

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2412.000000	11.900000	---	---	2406.050000	2417.950000

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

DUT Frequency (MHz)	Result
2412.000000	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.39200 GHz	2.39200 GHz
Stop Frequency	2.43200 GHz	2.43200 GHz
Span	40.000 MHz	40.000 MHz
RBW	200.000 kHz	>= 200.000 kHz
VBW	1.000 MHz	>= 600.000 kHz
SweepPoints	400	~ 400
SweepTime	1.000 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	32 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.02 dB	0.30 dB

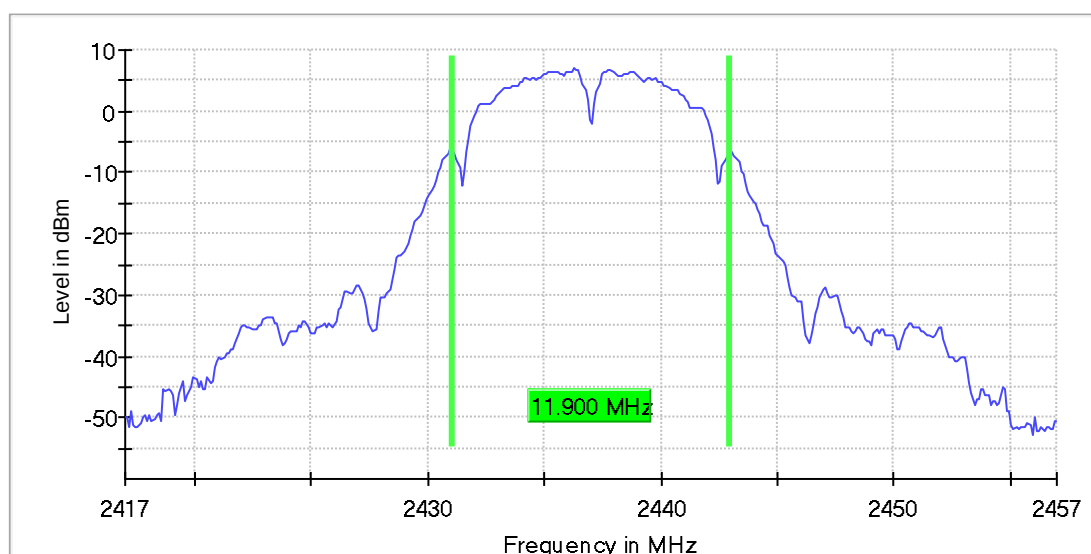
Occupied Channel Bandwidth 99% (2437 MHz; b-mode[2 Mbps] (15.5 dBm); 20 MHz)

99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2437.000000	11.900000	---	---	2431.050000	2442.950000

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

DUT Frequency (MHz)	Result
2437.000000	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.41700 GHz	2.41700 GHz
Stop Frequency	2.45700 GHz	2.45700 GHz
Span	40.000 MHz	40.000 MHz
RBW	200.000 kHz	>= 200.000 kHz
VBW	1.000 MHz	>= 600.000 kHz
SweepPoints	400	~ 400
SweepTime	1.000 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	17 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.18 dB	0.30 dB

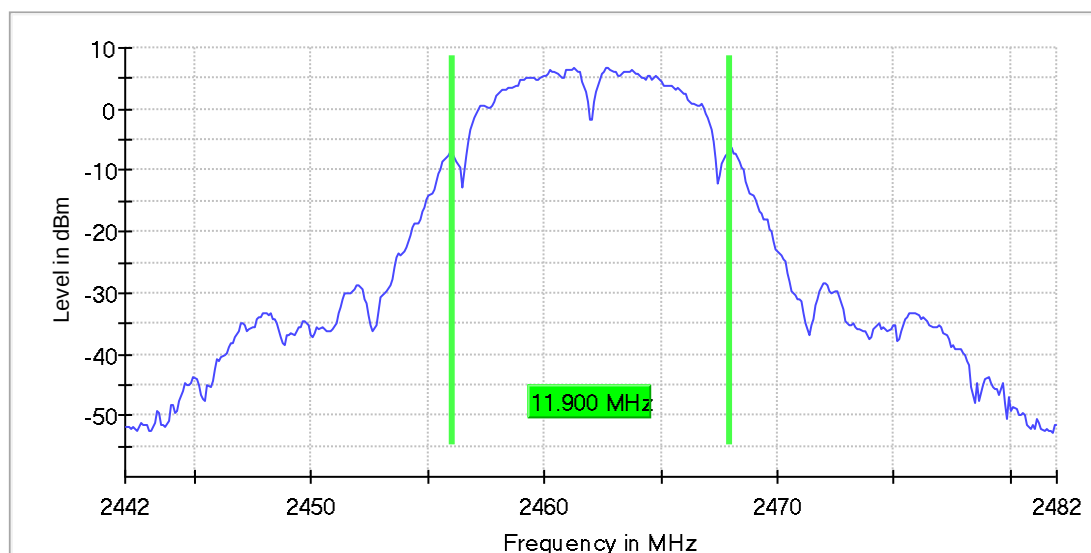
Occupied Channel Bandwidth 99% (2462 MHz; b-mode[2 Mbps] (15.5 dBm); 20 MHz)

99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2462.000000	11.900000	---	---	2456.050000	2467.950000

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

DUT Frequency (MHz)	Result
2462.000000	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.44200 GHz	2.44200 GHz
Stop Frequency	2.48200 GHz	2.48200 GHz
Span	40.000 MHz	40.000 MHz
RBW	200.000 kHz	>= 200.000 kHz
VBW	1.000 MHz	>= 600.000 kHz
SweepPoints	400	~ 400
SweepTime	1.000 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	16 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.13 dB	0.30 dB

2.4.2 g-mode

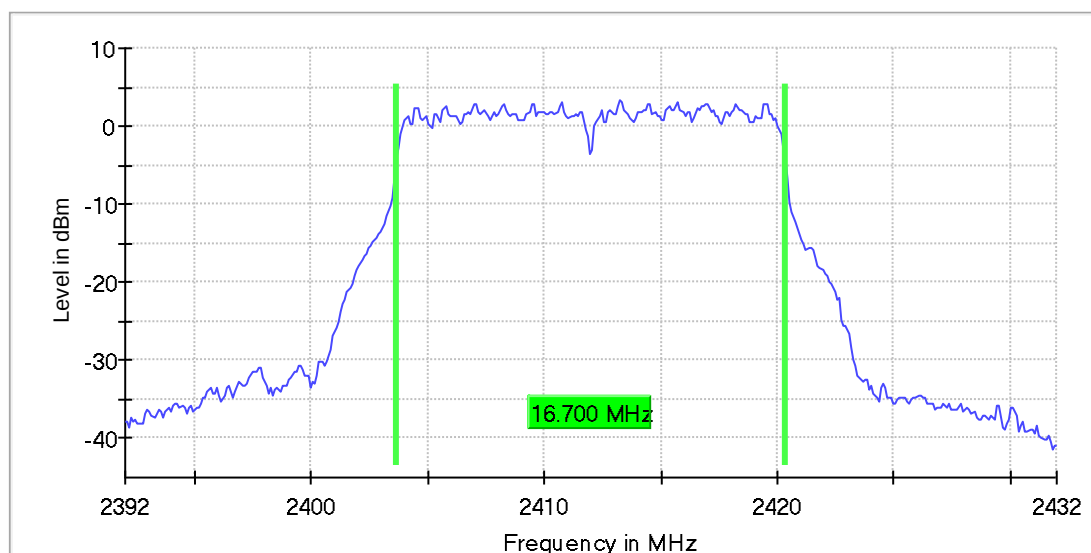
Occupied Channel Bandwidth 99% (2412 MHz; g-mode[6 Mbps] (15.5 dBm); 20 MHz)

99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2412.000000	16.700000	---	---	2403.650000	2420.350000

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

DUT Frequency (MHz)	Result
2412.000000	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.39200 GHz	2.39200 GHz
Stop Frequency	2.43200 GHz	2.43200 GHz
Span	40.000 MHz	40.000 MHz
RBW	200.000 kHz	>= 200.000 kHz
VBW	1.000 MHz	>= 600.000 kHz
SweepPoints	400	~ 400
SweepTime	1.000 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	32 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.09 dB	0.30 dB

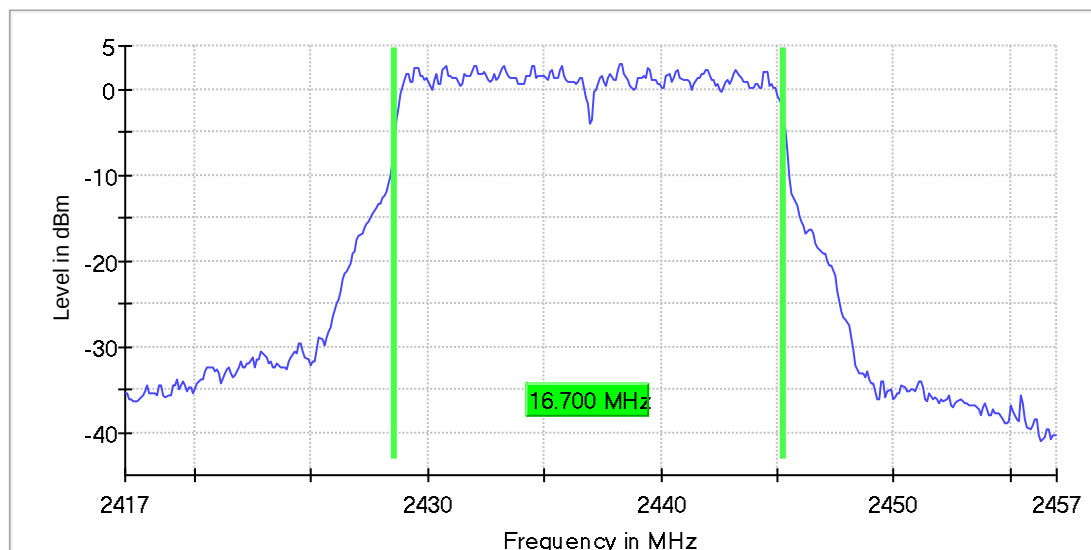
Occupied Channel Bandwidth 99% (2437 MHz; g-mode[6 Mbps] (15.5 dBm); 20 MHz)

99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2437.000000	16.700000	---	---	2428.550000	2445.250000

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

DUT Frequency (MHz)	Result
2437.000000	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.41700 GHz	2.41700 GHz
Stop Frequency	2.45700 GHz	2.45700 GHz
Span	40.000 MHz	40.000 MHz
RBW	200.000 kHz	>= 200.000 kHz
VBW	1.000 MHz	>= 600.000 kHz
SweepPoints	400	~ 400
SweepTime	1.000 ms	AUTO
Reference Level	10.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	33 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.16 dB	0.30 dB

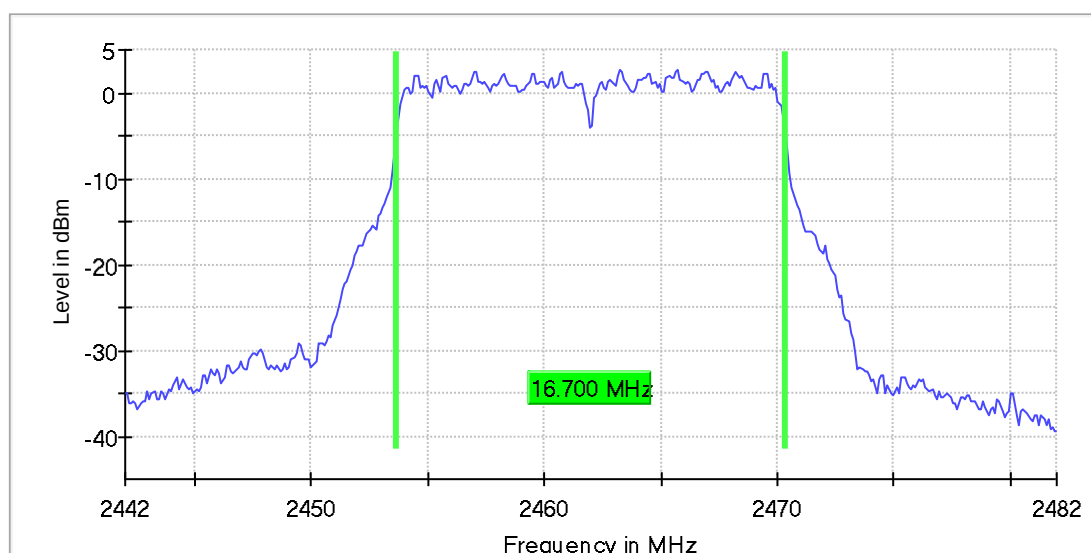
Occupied Channel Bandwidth 99% (2462 MHz; g-mode[6 Mbps] (15.5 dBm); 20 MHz)

99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2462.000000	16.700000	---	---	2453.650000	2470.350000

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

DUT Frequency (MHz)	Result
2462.000000	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.44200 GHz	2.44200 GHz
Stop Frequency	2.48200 GHz	2.48200 GHz
Span	40.000 MHz	40.000 MHz
RBW	200.000 kHz	>= 200.000 kHz
VBW	1.000 MHz	>= 600.000 kHz
SweepPoints	400	~ 400
SweepTime	1.000 ms	AUTO
Reference Level	10.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	36 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.28 dB	0.30 dB

2.4.3 n-mode HT20

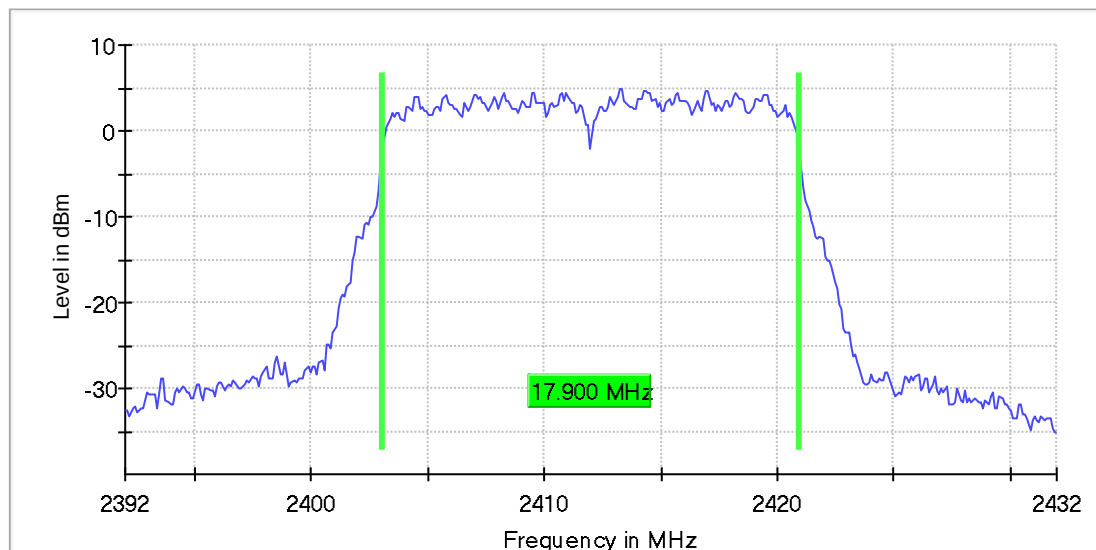
Occupied Channel Bandwidth 99% (2412 MHz; n20-mode[MCS0] (15.5 dBm); 20 MHz)

99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2412.000000	17.900000	---	---	2403.050000	2420.950000

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

DUT Frequency (MHz)	Result
2412.000000	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.39200 GHz	2.39200 GHz
Stop Frequency	2.43200 GHz	2.43200 GHz
Span	40.000 MHz	40.000 MHz
RBW	200.000 kHz	>= 200.000 kHz
VBW	1.000 MHz	>= 600.000 kHz
SweepPoints	400	~ 400
Sweptime	1.000 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	42 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.21 dB	0.30 dB

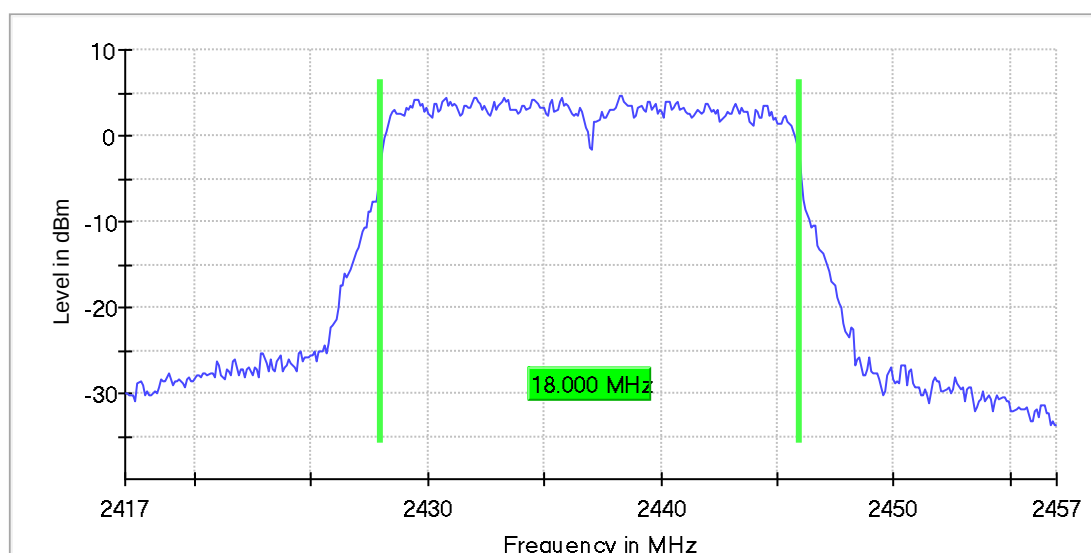
Occupied Channel Bandwidth 99% (2437 MHz; n20-mode[MCS0] (15.5 dBm); 20 MHz)

99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2437.000000	18.000000	---	---	2427.950000	2445.950000

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

DUT Frequency (MHz)	Result
2437.000000	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.41700 GHz	2.41700 GHz
Stop Frequency	2.45700 GHz	2.45700 GHz
Span	40.000 MHz	40.000 MHz
RBW	200.000 kHz	>= 200.000 kHz
VBW	1.000 MHz	>= 600.000 kHz
SweepPoints	400	~ 400
SweepTime	1.000 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	63 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.09 dB	0.30 dB

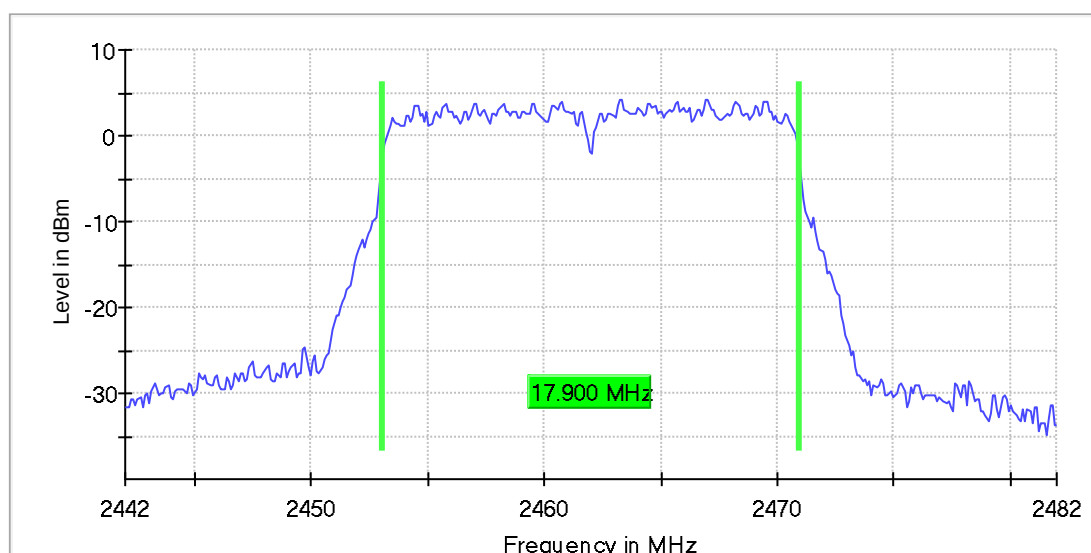
Occupied Channel Bandwidth 99% (2462 MHz; n20-mode[MCS0] (15.5 dBm); 20 MHz)

99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2462.000000	17.900000	---	---	2453.050000	2470.950000

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

DUT Frequency (MHz)	Result
2462.000000	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.44200 GHz	2.44200 GHz
Stop Frequency	2.48200 GHz	2.48200 GHz
Span	40.000 MHz	40.000 MHz
RBW	200.000 kHz	>= 200.000 kHz
VBW	1.000 MHz	>= 600.000 kHz
SweepPoints	400	~ 400
SweepTime	1.000 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	54 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.16 dB	0.30 dB

2.4.4 n-mode HT40

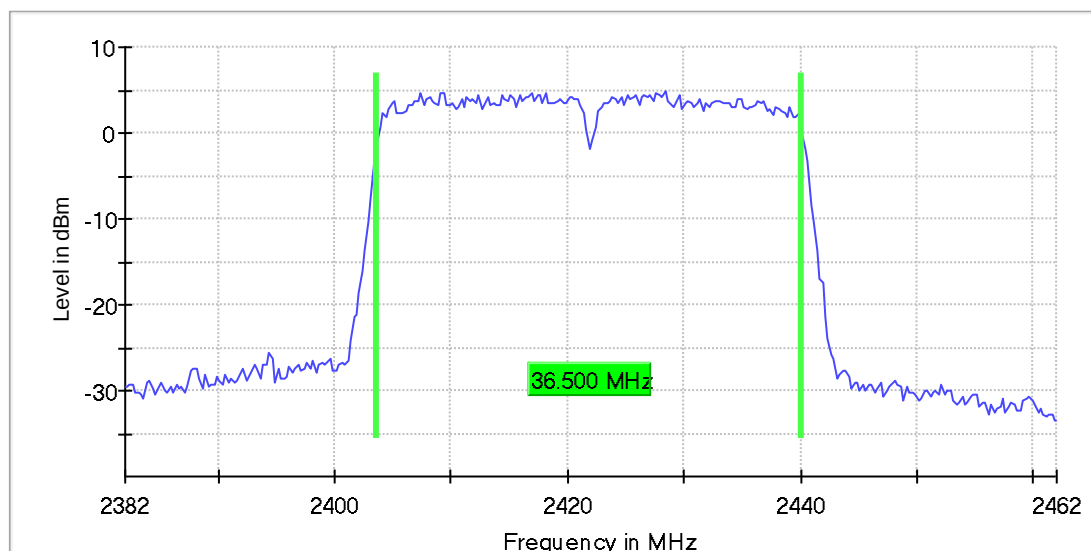
Occupied Channel Bandwidth 99% (2422 MHz; n40-mode[MCS1] (13 dBm); 40 MHz)

99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2422.000000	36.500000	---	---	2403.625000	2440.125000

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

DUT Frequency (MHz)	Result
2422.000000	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.38200 GHz	2.38200 GHz
Stop Frequency	2.46200 GHz	2.46200 GHz
Span	80.000 MHz	80.000 MHz
RBW	500.000 kHz	>= 400.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	320	~ 320
SweepTime	1.000 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	58 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.12 dB	0.30 dB

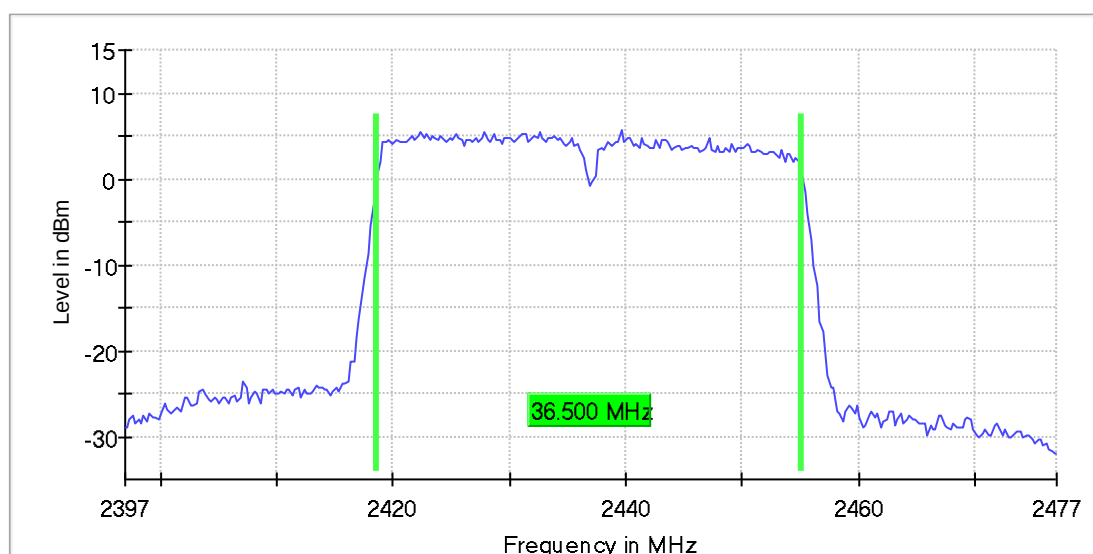
Occupied Channel Bandwidth 99% (2437 MHz; n40-mode[MCS1] (13 dBm); 40 MHz)

99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2437.000000	36.500000	---	---	2418.625000	2455.125000

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

DUT Frequency (MHz)	Result
2437.000000	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.39700 GHz	2.39700 GHz
Stop Frequency	2.47700 GHz	2.47700 GHz
Span	80.000 MHz	80.000 MHz
RBW	500.000 kHz	>= 400.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	320	~ 320
SweepTime	1.000 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	83 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.04 dB	0.30 dB

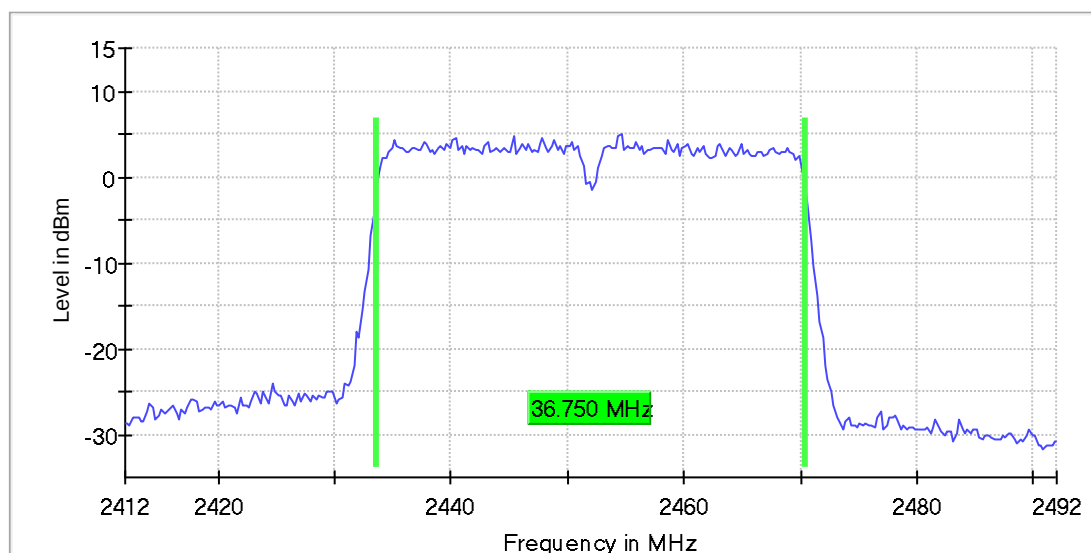
Occupied Channel Bandwidth 99% (2452 MHz; n40-mode[MCS1] (13 dBm); 40 MHz)

99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2452.000000	36.750000	---	---	2433.625000	2470.375000

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

DUT Frequency (MHz)	Result
2452.000000	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.41200 GHz	2.41200 GHz
Stop Frequency	2.49200 GHz	2.49200 GHz
Span	80.000 MHz	80.000 MHz
RBW	500.000 kHz	>= 400.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	320	~ 320
SweepTime	1.000 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	95 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.07 dB	0.30 dB

2.5 Emissions in nonrestricted frequency bands

2.5.1 b-mode

Tx Spurious Emission (2412 MHz; b-mode[2 Mbps] (15.5 dBm); 20 MHz)

Result

DUT Frequency (MHz)	Result
2412.000000	PASS

Final measurements

Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
2398.811532	-13.0	-38.8	-23.7	15.1	PASS

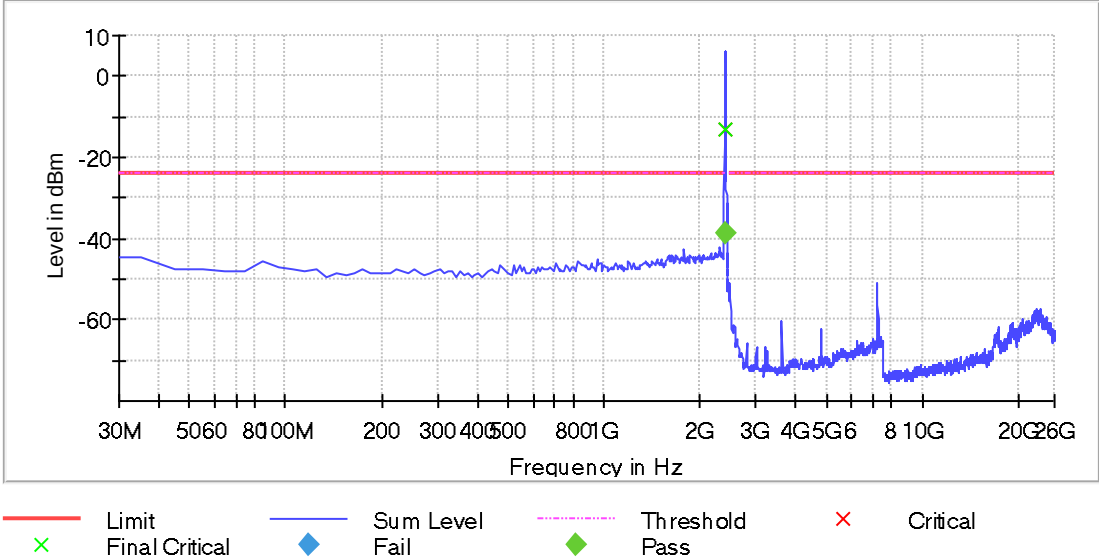
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
2395.021008	-13.0	-10.7	-23.7
2385.063025	-28.9	5.2	-23.7
2375.105042	-41.1	17.4	-23.7
2365.147059	-42.0	18.3	-23.7
2315.357143	-42.1	18.4	-23.7
1787.584034	-42.6	18.9	-23.7
2295.441176	-43.4	19.7	-23.7
2165.987395	-43.7	20.0	-23.7
2335.273109	-43.7	20.0	-23.7
2245.651261	-43.8	20.1	-23.7
2225.735294	-43.8	20.1	-23.7
1638.214286	-43.9	20.2	-23.7
2265.567227	-43.9	20.2	-23.7
2255.609244	-44.0	20.3	-23.7
1986.743697	-44.0	20.3	-23.7

Measurement Settings

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

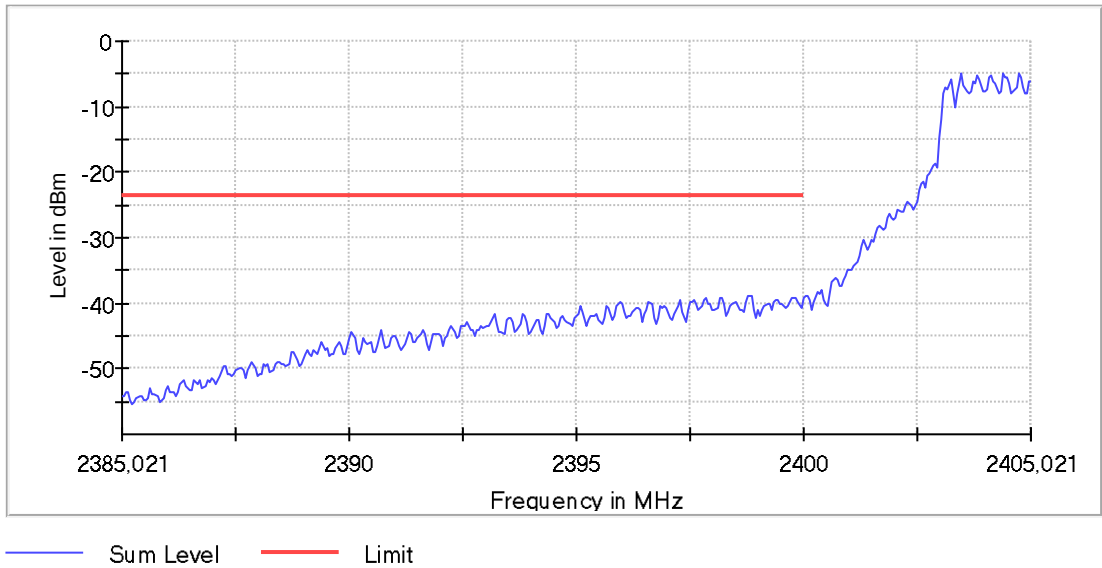
Pre Measurements 2412 MHz; b-mode



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	40.000 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	5 / max. 40	max. 40
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.50 dB

Final Measurements 2412 MHz; b-mode



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	20.000 dBm	20.000 dBm
Attenuation	30.000 dB	AUTO
Detector	Sample	Sample
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Average Linear	Average Linear
SweepType	Sweep	AUTO
Preamplifier	off	off

Tx Spurious Emission (2437 MHz; b-mode[2 Mbps] (15.5 dBm); 20 MHz)

Result

DUT Frequency (MHz)	Result
2437.000000	PASS

Final measurements

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

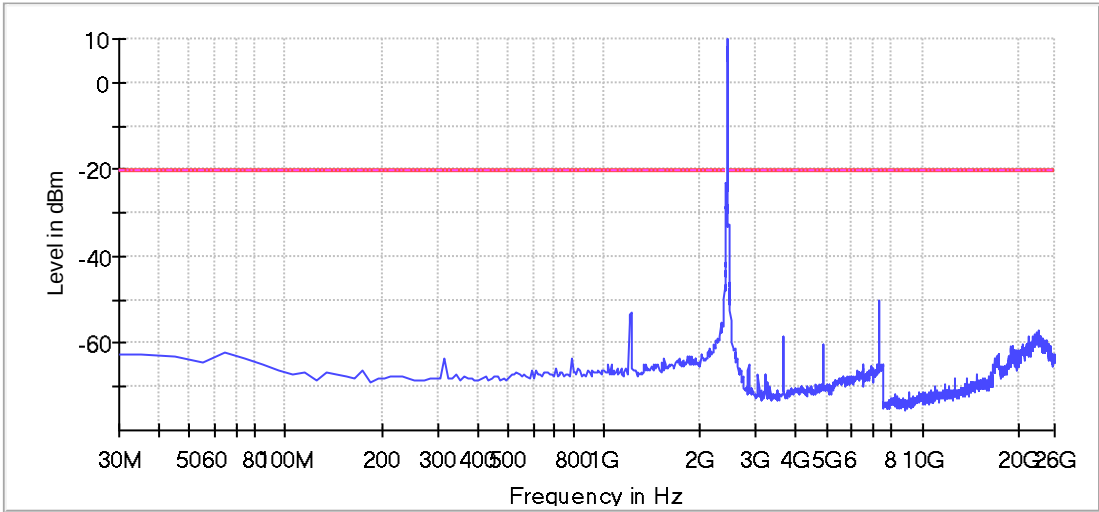
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
2395.021008	-46.3	26.1	-20.2
2385.063025	-49.6	29.5	-20.2
7315.725988	-50.0	29.9	-20.2
2375.105042	-52.3	32.1	-20.2
2488.497131	-52.4	32.2	-20.2
1219.978992	-52.9	32.8	-20.2
1210.021008	-53.5	33.4	-20.2
2365.147059	-53.6	33.4	-20.2
2498.491394	-54.8	34.6	-20.2
1200.063025	-55.4	35.2	-20.2
2325.315126	-55.4	35.2	-20.2
7305.731725	-55.9	35.7	-20.2
2508.485657	-55.9	35.8	-20.2
2355.189076	-56.1	35.9	-20.2
2345.231092	-56.3	36.1	-20.2

Measurement Settings

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

Pre Measurements 2437 MHz; b-mode



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

Pre Measurement 1

Setting	Instrument Value	Target Value
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	238	~ 238
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	10 / max. 40	max. 40
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.50 dB

Tx Spurious Emission (2462 MHz; b-mode[2 Mbps] (15.5 dBm); 20 MHz)

Result

DUT Frequency (MHz)	Result
2462.000000	PASS

Final measurements

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

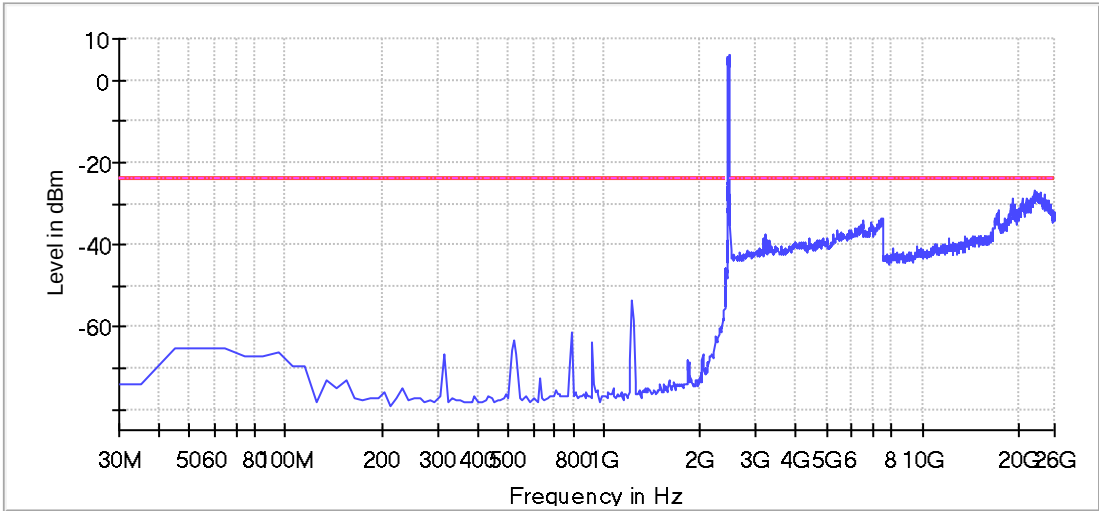
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
22397.068317	-26.7	2.7	-24.0
22776.850297	-27.3	3.3	-24.0
22946.752762	-27.3	3.3	-24.0
23426.477369	-27.4	3.3	-24.0
22766.856035	-27.4	3.3	-24.0
22646.924883	-27.4	3.4	-24.0
22826.821611	-27.4	3.4	-24.0
23546.408521	-27.6	3.6	-24.0
23536.414258	-27.7	3.6	-24.0
24056.115916	-27.7	3.6	-24.0
23036.701126	-27.7	3.7	-24.0
23026.706864	-27.7	3.7	-24.0
22966.741288	-27.7	3.7	-24.0
22606.947833	-27.8	3.8	-24.0
23076.678177	-27.8	3.8	-24.0

Measurement Settings

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

Pre Measurements 2462, b-mode



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

Pre Measurement 1

Setting	Instrument Value	Target Value
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	238	~ 238
SweepTime	23.700 ms	AUTO
Reference Level	-20.000 dBm	-30.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	3	3
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	11 / max. 40	max. 40
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.50 dB

2.5.2 g-mode

Tx Spurious Emission (2412 MHz; g-mode[6 Mbps] (15.5 dBm); 20 MHz)

Result

DUT Frequency (MHz)	Result
2412.000000	PASS

Final measurements

Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
2398.861407	-23.9	-46.6	-28.9	17.6	PASS

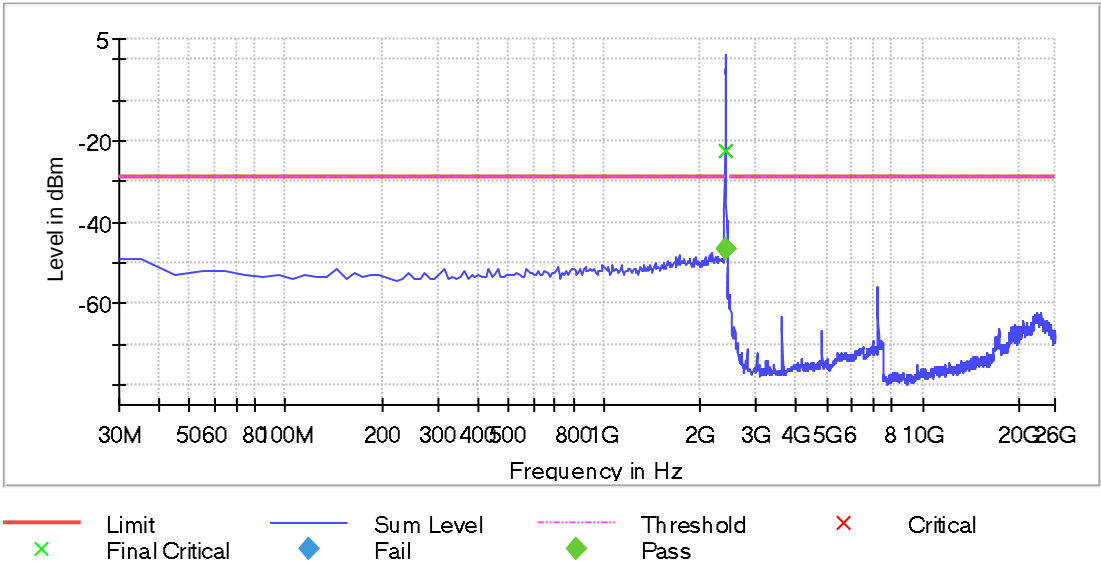
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
2395.021008	-22.3	-6.6	-28.9
2385.063025	-36.6	7.7	-28.9
2375.105042	-46.5	17.6	-28.9
2185.903361	-47.4	18.5	-28.9
2165.987395	-47.8	18.9	-28.9
2136.113445	-48.0	19.1	-28.9
1717.878151	-48.1	19.1	-28.9
2265.567227	-48.5	19.5	-28.9
1926.995798	-48.5	19.6	-28.9
2076.365546	-48.7	19.8	-28.9
2235.693277	-48.8	19.9	-28.9
2225.735294	-48.8	19.9	-28.9
1688.004202	-48.8	19.9	-28.9
1787.584034	-48.9	19.9	-28.9
2295.441176	-48.9	19.9	-28.9

Measurement Settings

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

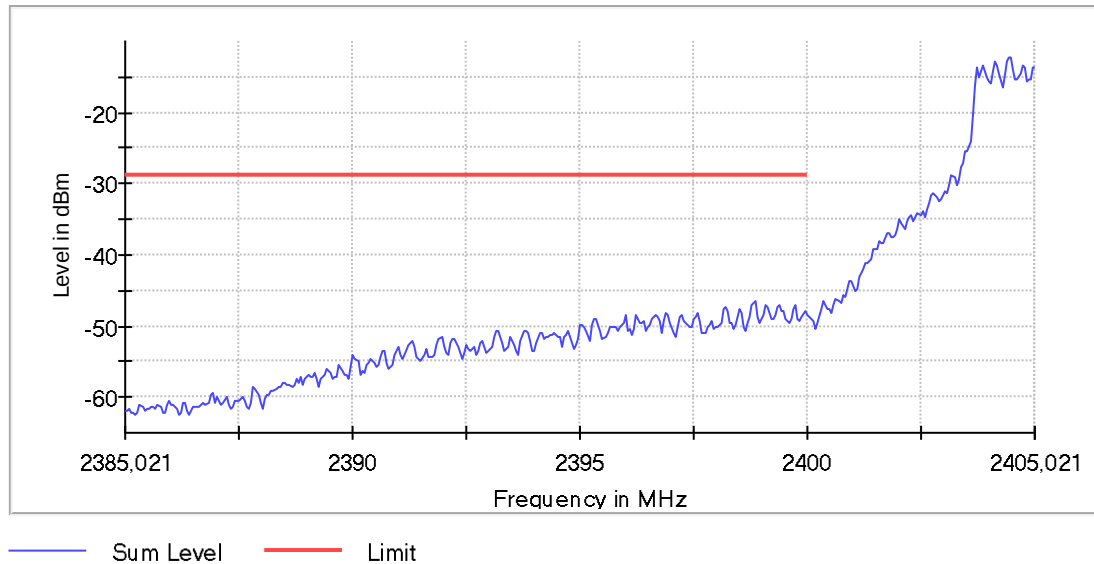
Pre Measurements 2412 MHz; g-mode



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	40.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	3	3
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	4 / max. 40	max. 40
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.50 dB

Final Measurements 2412 MHz; g-mode



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	20.000 dBm	20.000 dBm
Attenuation	30.000 dB	AUTO
Detector	Sample	Sample
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Average Linear	Average Linear
SweepType	Sweep	AUTO
Preamplifier	off	off

Tx Spurious Emission (2437 MHz; g-mode[6 Mbps] (15.5 dBm); 20 MHz)

Result

DUT Frequency (MHz)	Result
2437.000000	PASS

Final measurements

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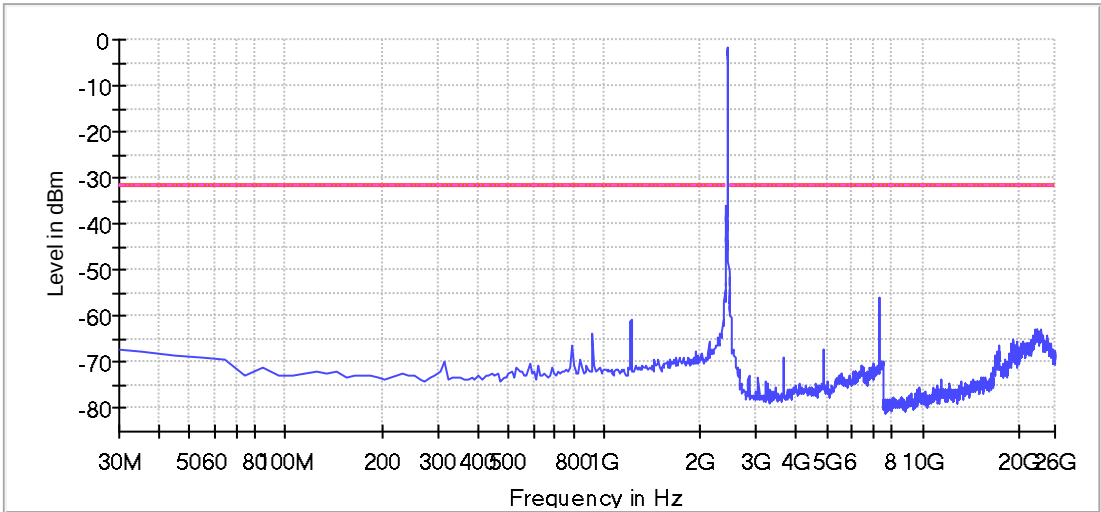
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
2395.021008	-54.1	22.4	-31.7
7315.725988	-56.1	24.4	-31.7
2385.063025	-56.7	25.0	-31.7
2375.105042	-58.4	26.7	-31.7
2488.497131	-60.0	28.3	-31.7
2498.491394	-60.3	28.7	-31.7
2355.189076	-60.7	29.0	-31.7
1219.978992	-60.9	29.2	-31.7
1210.021008	-61.1	29.4	-31.7
2365.147059	-62.1	30.5	-31.7
2508.485657	-62.2	30.5	-31.7
22906.775712	-62.7	31.0	-31.7
23526.419996	-62.8	31.1	-31.7
22457.033893	-63.0	31.3	-31.7
22956.747025	-63.1	31.4	-31.7

Measurement Settings

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

Pre Measurements 2437, g-mode



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

Pre Measurement 1

Setting	Instrument Value	Target Value
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	238	~ 238
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	7 / max. 40	max. 40
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.50 dB

Tx Spurious Emission (2462 MHz; g-mode[6 Mbps] (15.5 dBm); 20 MHz)

Result

DUT Frequency (MHz)	Result
2462.000000	PASS

Final measurements

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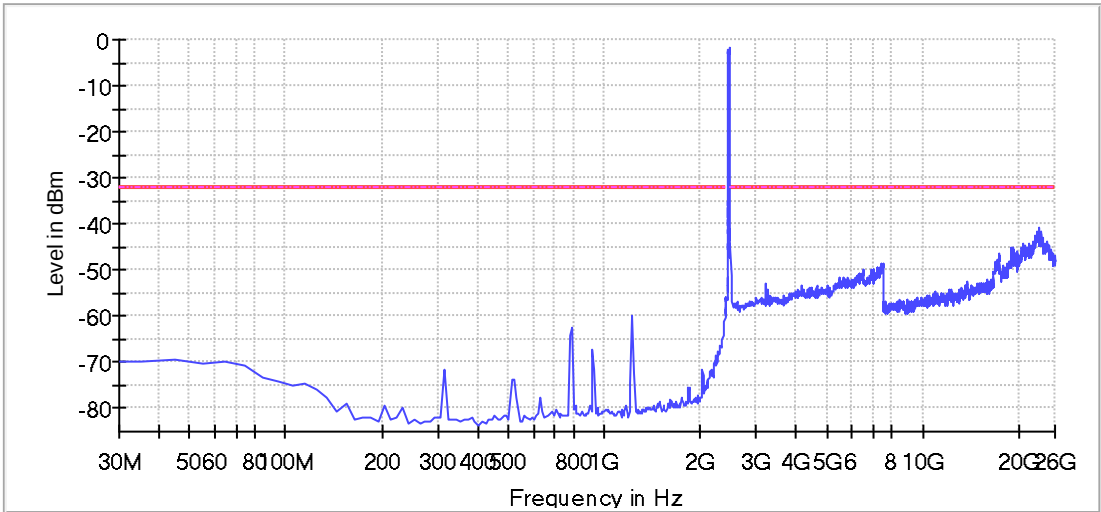
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
23026.706864	-40.9	9.0	-31.9
23386.500319	-41.7	9.8	-31.9
22756.861772	-41.8	9.9	-31.9
23566.397046	-41.9	10.0	-31.9
23396.494581	-42.0	10.0	-31.9
23426.477369	-42.1	10.2	-31.9
22926.764237	-42.2	10.3	-31.9
22826.821611	-42.2	10.3	-31.9
22946.752762	-42.3	10.4	-31.9
22516.999469	-42.4	10.5	-31.9
22766.856035	-42.5	10.5	-31.9
22936.758500	-42.5	10.6	-31.9
23496.437208	-42.6	10.7	-31.9
22966.741288	-42.6	10.7	-31.9
23486.442945	-42.6	10.7	-31.9

Measurement Settings

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

Pre Measurements 2462, g-mode



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

Pre Measurement 1

Setting	Instrument Value	Target Value
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	238	~ 238
SweepTime	23.700 ms	AUTO
Reference Level	-20.000 dBm	-30.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	3	3
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	23 / max. 40	max. 40
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.50 dB

2.5.3 n-mode HT20

Tx Spurious Emission (2412 MHz; n20-mode[MCS0] (15.5 dBm); 20 MHz)

Result

DUT Frequency (MHz)	Result
2412.000000	PASS

Final measurements

Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
2394.938337	-15.5	-53.6	-17.8	35.8	PASS

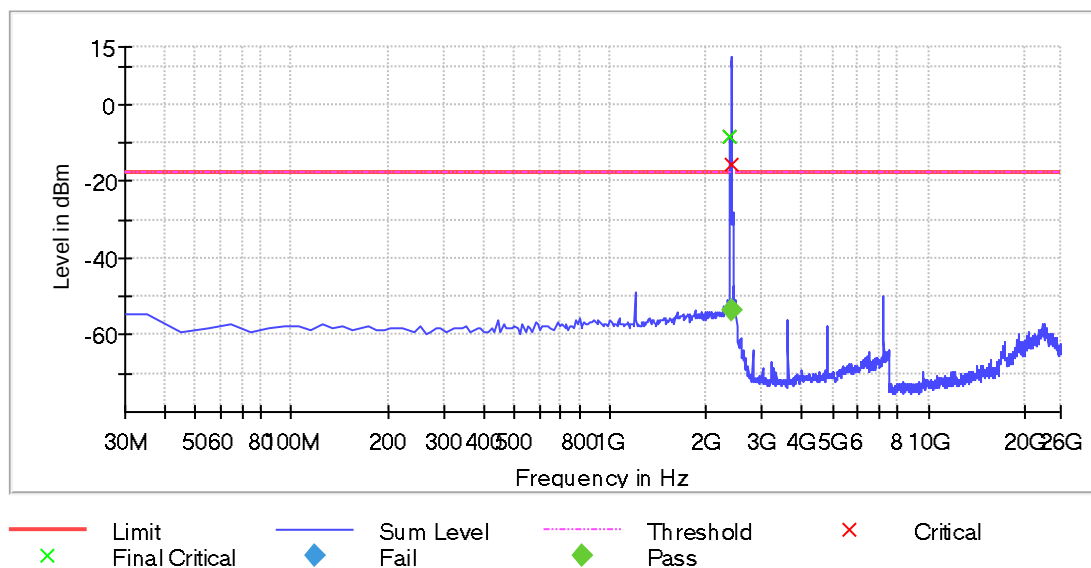
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
2385.063025	-8.2	-9.6	-17.8
2395.021008	-15.5	-2.2	-17.8
2375.105042	-37.5	19.8	-17.8
1200.063025	-48.8	31.0	-17.8
7235.771887	-50.0	32.3	-17.8
2335.273109	-50.9	33.2	-17.8
2345.231092	-51.7	33.9	-17.8
2365.147059	-52.0	34.2	-17.8
2285.483193	-52.5	34.8	-17.8
2355.189076	-52.6	34.9	-17.8
2325.315126	-52.7	34.9	-17.8
1847.331933	-53.6	35.8	-17.8
2255.609244	-53.6	35.9	-17.8
2315.357143	-53.7	35.9	-17.8
2295.441176	-53.8	36.1	-17.8

Measurement Settings

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

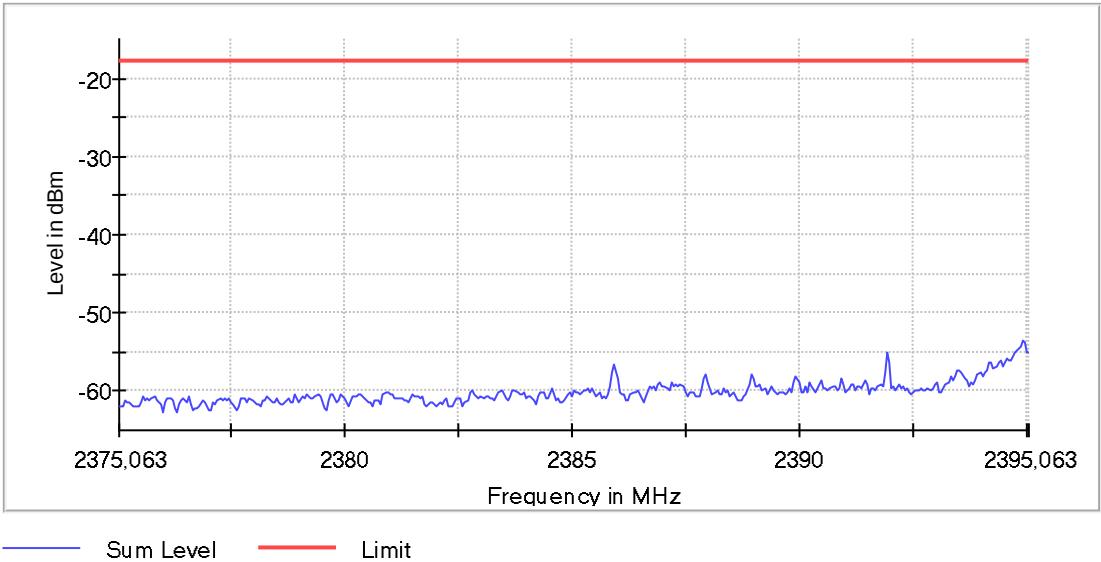
Pre Measurements 2412, n-mode



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	0.000 dBm	-30.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	3	3
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	4 / max. 40	max. 40
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.50 dB

Final Measurements 2412, n-mode



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	-30.000 dBm
Attenuation	30.000 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 (2437 MHz; n20-mode[MCS0] (15.5 dBm); 20 MHz)

Result

DUT Frequency (MHz)	Result
2437.000000	PASS

Final measurements

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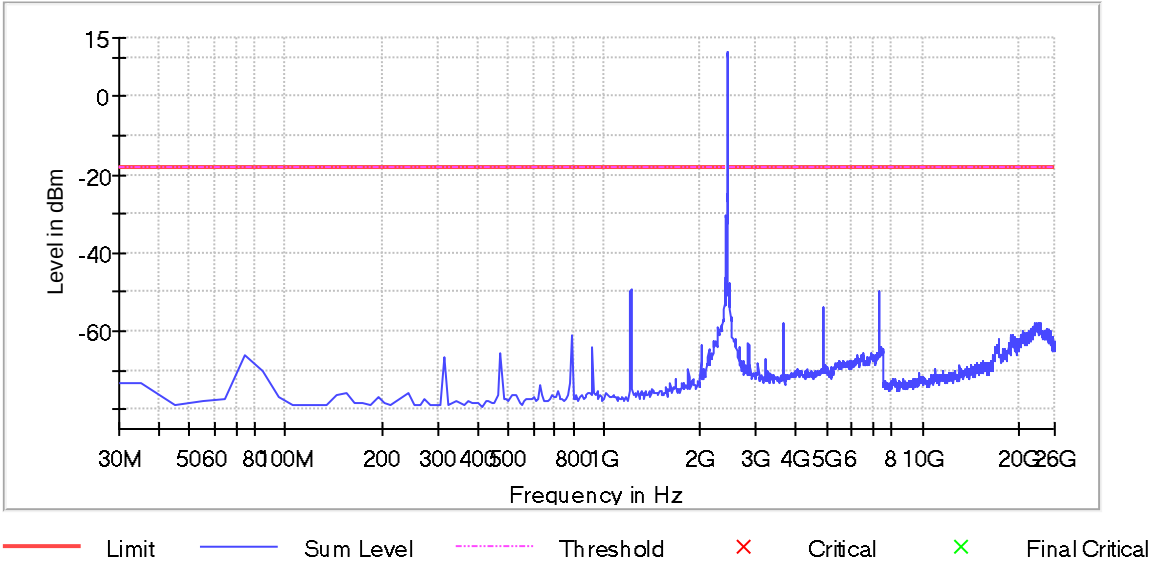
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
1219.978992	-49.3	30.9	-18.4
1210.021008	-49.6	31.2	-18.4
7315.725988	-50.0	31.6	-18.4
7305.731725	-52.0	33.6	-18.4
2395.021008	-52.4	34.0	-18.4
4877.125903	-54.0	35.7	-18.4
2488.497131	-54.4	36.0	-18.4
2385.063025	-54.5	36.1	-18.4
2375.105042	-55.8	37.5	-18.4
2508.485657	-56.3	38.0	-18.4
2518.479919	-56.7	38.4	-18.4
2355.189076	-56.9	38.6	-18.4
2365.147059	-57.2	38.9	-18.4
2498.491394	-57.3	38.9	-18.4
23406.488844	-58.0	39.6	-18.4

Measurement Settings

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

Pre Measurements 2437, n-mode



Pre Measurement 1

Setting	Instrument Value	Target Value
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	238	~ 238
Sweptime	23.700 ms	AUTO
Reference Level	-20.000 dBm	-30.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	3	3
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	5 / max. 40	max. 40
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.50 dB

Tx Spurious Emission (2462 MHz; n20-mode[MCS0] (15.5 dBm); 20 MHz)

Result

DUT Frequency (MHz)	Result
2462.000000	PASS

Final measurements

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

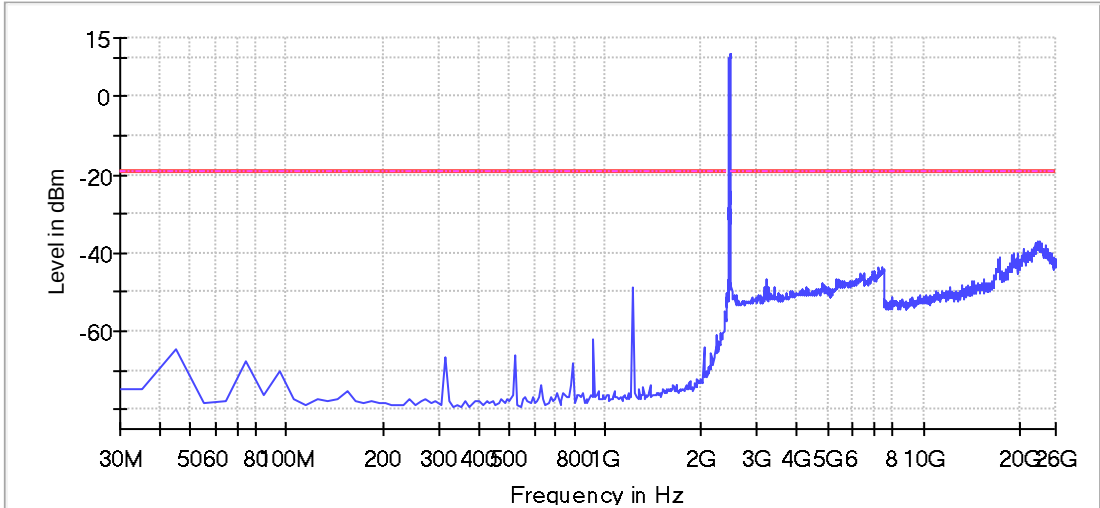
Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
23066.683914	-37.1	18.1	-19.0
22916.769975	-37.3	18.3	-19.0
23636.356885	-37.3	18.3	-19.0
22736.873247	-37.3	18.3	-19.0
23036.701126	-37.3	18.4	-19.0
22966.741288	-37.3	18.4	-19.0
22846.810136	-37.4	18.4	-19.0
22976.735550	-37.5	18.5	-19.0
22477.022418	-37.5	18.5	-19.0
22576.965045	-37.5	18.5	-19.0
22956.747025	-37.6	18.6	-19.0
22936.758500	-37.6	18.6	-19.0
22497.010943	-37.7	18.7	-19.0
22816.827348	-37.7	18.7	-19.0
23106.660965	-37.7	18.7	-19.0

Measurement Settings

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

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Pre Measurements 2462, n-mode



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

Pre Measurement 1

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

2.5.4 n-mode HT40

Tx Spurious Emission (2422 MHz; n40-mode[MCS1] (13 dBm); 40 MHz)

Result

DUT Frequency (MHz)	Result
2422.000000	PASS

Final measurements

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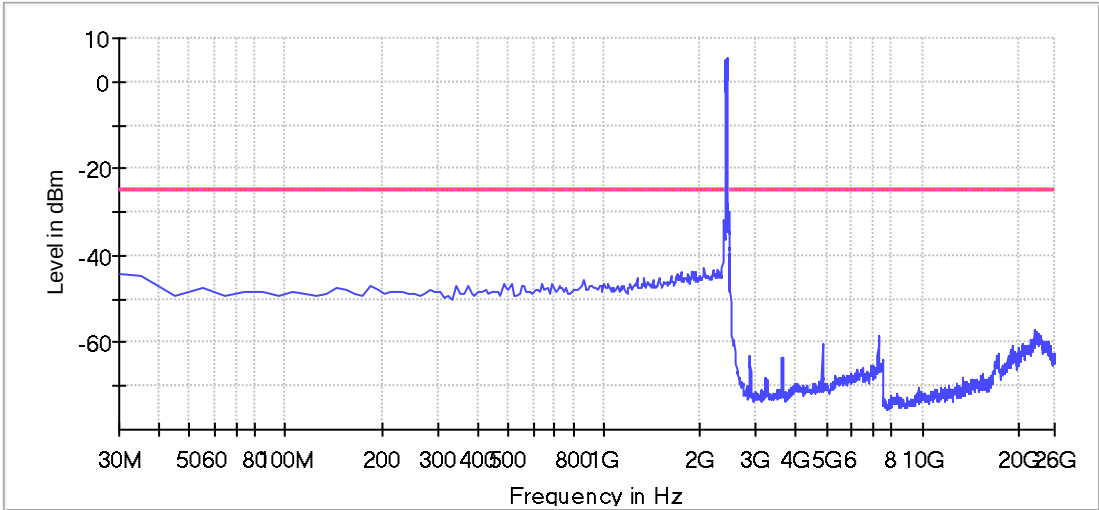
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
2385.063025	-31.9	7.2	-24.7
2375.105042	-33.8	9.1	-24.7
2395.021008	-36.2	11.5	-24.7
2365.147059	-38.4	13.7	-24.7
2355.189076	-41.6	16.8	-24.7
2345.231092	-42.6	17.9	-24.7
2066.407563	-42.9	18.2	-24.7
2265.567227	-43.2	18.4	-24.7
2195.861345	-43.2	18.5	-24.7
2275.525210	-43.3	18.6	-24.7
1747.752101	-43.6	18.8	-24.7
1936.953782	-43.7	18.9	-24.7
2295.441176	-43.7	18.9	-24.7
2056.449580	-43.8	19.1	-24.7
1897.121849	-43.8	19.1	-24.7

Measurement Settings

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

Pre Measurements 2412, n-mode HT 40



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

Pre Measurement 1

Setting	Instrument Value	Target Value
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	238	~ 238
SweepTime	23.700 ms	AUTO
Reference Level	10.000 dBm	-30.000 dBm
Attenuation	40.000 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	9 / max. 40	max. 40
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.50 dB

Tx Spurious Emission (2437 MHz; n40-mode[MCS1] (13 dBm); 40 MHz)

Result

DUT Frequency (MHz)	Result
2437.000000	PASS

Final measurements

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

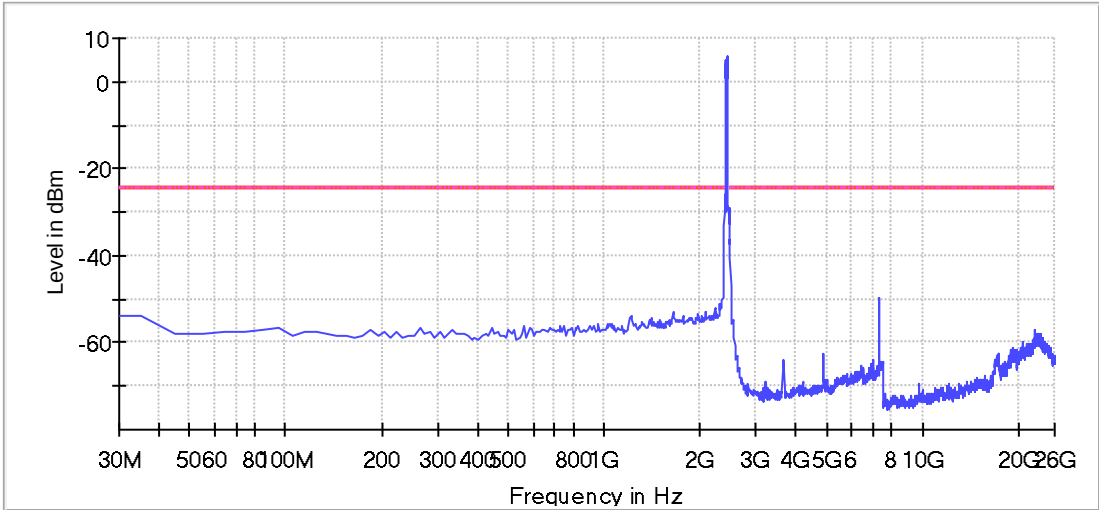
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
2395.021008	-28.6	4.3	-24.2
2385.063025	-33.0	8.8	-24.2
2488.497131	-40.7	16.4	-24.2
2375.105042	-41.2	17.0	-24.2
2365.147059	-46.7	22.5	-24.2
2498.491394	-46.8	22.6	-24.2
2355.189076	-49.9	25.7	-24.2
7315.725988	-49.9	25.7	-24.2
2345.231092	-50.3	26.0	-24.2
2508.485657	-51.0	26.7	-24.2
2305.399160	-51.0	26.7	-24.2
2335.273109	-51.2	27.0	-24.2
2325.315126	-52.0	27.8	-24.2
2225.735294	-52.1	27.9	-24.2
2518.479919	-52.4	28.2	-24.2

Measurement Settings

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

Pre Measurements 2437, n-mode HT 40



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

Pre Measurement 1

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

Tx Spurious Emission (2452 MHz; n40-mode[MCS1] (13 dBm); 40 MHz)

Result

DUT Frequency (MHz)	Result
2452.000000	PASS

Final measurements

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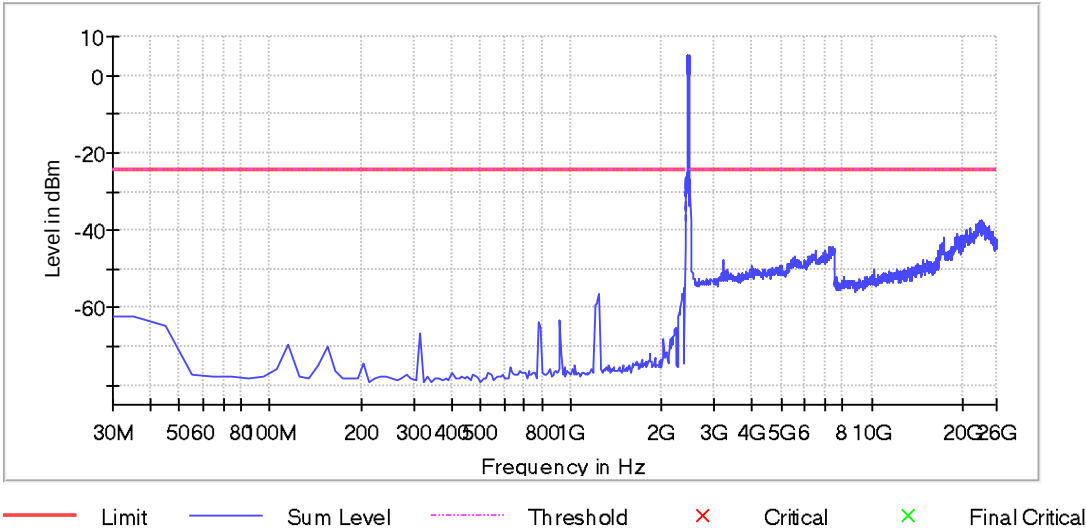
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
2488.497131	-28.5	3.8	-24.7
23096.666702	-37.3	12.6	-24.7
22836.815873	-37.3	12.7	-24.7
23186.615066	-37.6	13.0	-24.7
2498.491394	-37.7	13.0	-24.7
23026.706864	-37.7	13.0	-24.7
23496.437208	-37.7	13.1	-24.7
23086.672439	-37.8	13.2	-24.7
22886.787187	-37.8	13.2	-24.7
23036.701126	-38.0	13.3	-24.7
22746.867510	-38.0	13.4	-24.7
22956.747025	-38.1	13.4	-24.7
22656.919146	-38.2	13.6	-24.7
23416.483107	-38.3	13.6	-24.7
22397.068317	-38.4	13.7	-24.7

Measurement Settings

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

Pre Measurements 2462s, n-mode HT 40



Pre Measurement 1

Setting	Instrument Value	Target Value
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	238	~ 238
Sweeptime	23.700 ms	AUTO
Reference Level	-20.000 dBm	-30.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	3	3
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	5 / max. 40	max. 40
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.50 dB

End Of Annex 1