

Annex 1: Measurement diagrams 22-1-0025001T01a-A1

Number of pages:	1041	Date of Report:	2023-Jan-20
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:	Giraffe360 SIA
Product: Model:	360 Degree Camera GRF-400		
FCC ID:	2A8A7-V599	IC:	28899-3Q30
Testing has been carried out in accordance with:	FCC Regulations Title 47 CFR, Chapter I, Subchapter A, Part 15 Subpart E Unlicensed National Information Infrastructure Devices § 15.407 General technical requirements		



Table of Contents

1 Measurement diagrams.....3

1.1 Conducted AC-Emissions3

1.2 Radiated measurements < 1GHz4

1.3 Radiated measurements 1-40GHz34

1.4 Band-Edge measurements.....157

1.5 Conducted RF output power259

1.6 Conducted measurements734

1 Measurement diagrams

1.1 Conducted AC-Emissions

1.01_WLAN5

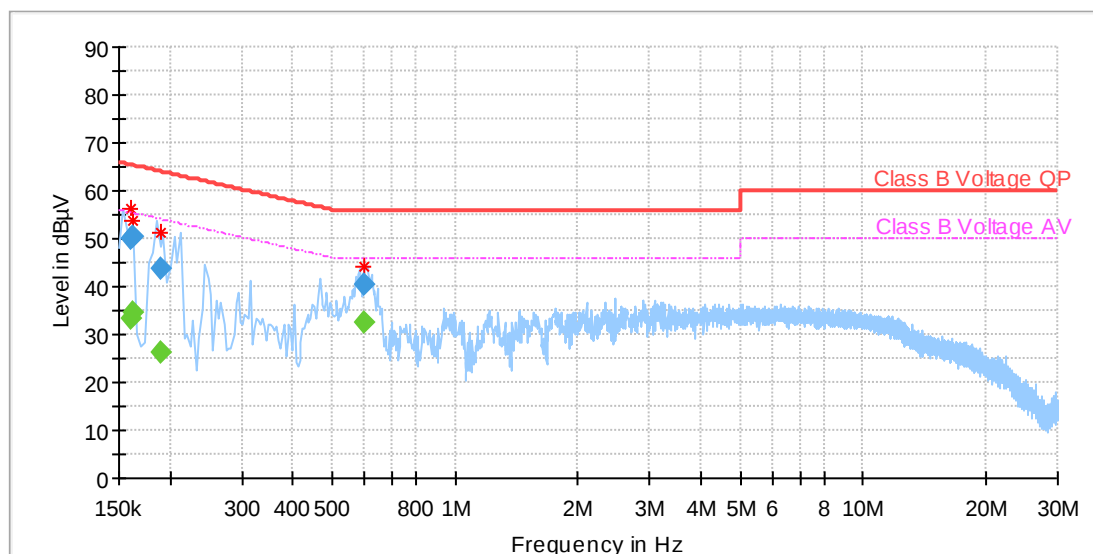
Common Information

Test Description:	Conducted Voltage Measurement Class B
Test Site Location:	Conducted Emission, CETECOM GmbH Essen
Test Software:	R&S EMC32 v9.15
Test Standard:	FCC 15.107, FCC 15.207
Operating Mode:	1
Measured on line:	N/L1
Diagram details:	Shows the peak values as a sum of measured ports in maxhold mode
Environmental Conditions:	Humidity: 31%rH; Temperature: 20.2°C
Operator:	HLA
Verdict:	Passed

EUT Information

PMT number:	22-1-00250S04_C02
-------------	-------------------

Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	PE	Corr. (dB)
0.160000	---	33.45	55.46	22.01	1000.0	9.000	L1	GND	0.1
0.160000	50.11	---	65.46	15.35	1000.0	9.000	L1	GND	0.1
0.162656	---	34.74	55.33	20.59	1000.0	9.000	L1	GND	0.1
0.162656	50.49	---	65.33	14.84	1000.0	9.000	L1	GND	0.1
0.190000	43.87	---	64.04	20.17	1000.0	9.000	N	GND	0.1
0.190000	---	26.17	54.04	27.87	1000.0	9.000	N	GND	0.1
0.600625	40.21	---	56.00	15.79	1000.0	9.000	L1	GND	0.2
0.600625	---	32.63	46.00	13.37	1000.0	9.000	L1	GND	0.2

1.2 Radiated measurements < 1GHz

2.01a_a-mode_54Mbps_ch036

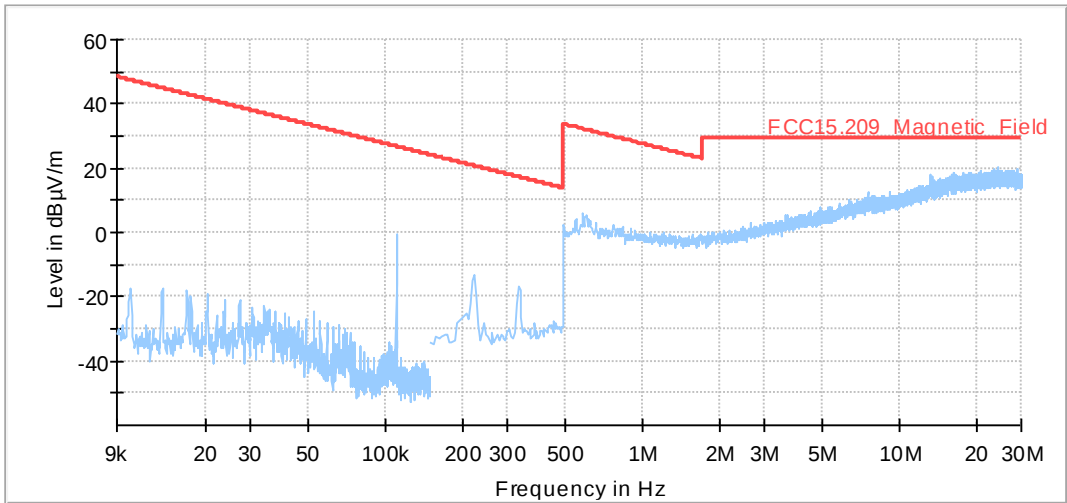
Common Information

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:	NPe/LKnopp
Operating Mode:	TX-on
Comment 2:	-
Environmental Conditions:	Humidity : 47%rH; Temperature: 20°C
EUT Setup:	1
Verdict:	Passed

EUT Information

PMT number:	22-1-00250S04_C02
Comments:	Standing

Full Spectrum



2.01b_a-mode_54Mbps_ch036

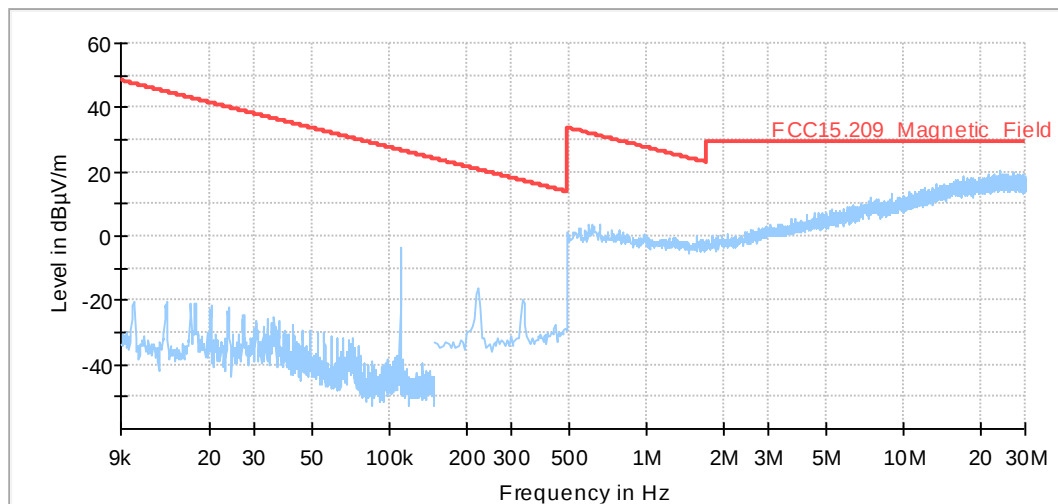
Common Information

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:	NPe/LKnopp
Operating Mode:	TX-on
Comment 2:	-
Environmental Conditions:	Humidity : 47%rH; Temperature: 20°C
EUT Setup:	1
Verdict:	Passed

EUT Information

PMT number:	22-1-00250S04_C02
Comments:	Standing

Full Spectrum



2.02_a-mode_54Mbps_ch052

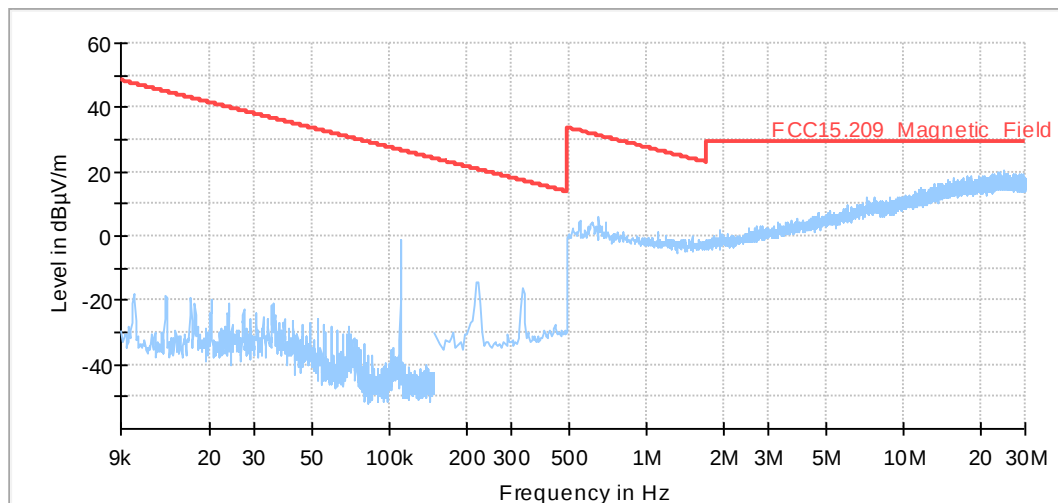
Common Information

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:	NPe/LKnopp
Operating Mode:	TX-on
Comment 2:	-
Environmental Conditions:	Humidity : 47%rH; Temperature: 20°C
EUT Setup:	1
Verdict:	Passed

EUT Information

PMT number:	22-1-00250S04_C02
Comments:	Standing

Full Spectrum



2.03_a-mode_54Mbps_ch100

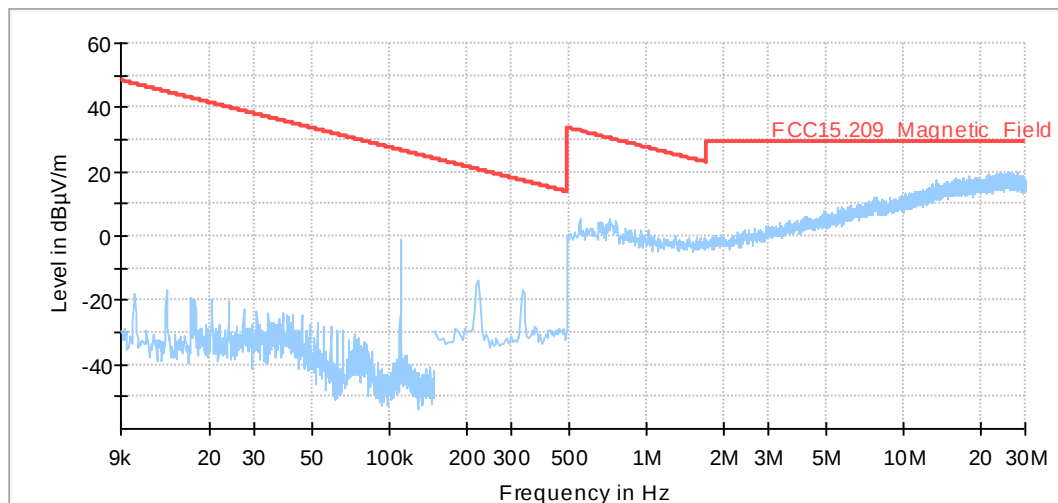
Common Information

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:	NPe/LKnopp
Operating Mode:	TX-on
Comment 2:	-
Environmental Conditions:	Humidity : 47%rH; Temperature: 20°C
EUT Setup:	1
Verdict:	Passed

EUT Information

PMT number:	22-1-00250S04_C02
Comments:	Standing

Full Spectrum



2.04_a-mode_54Mbps_ch149

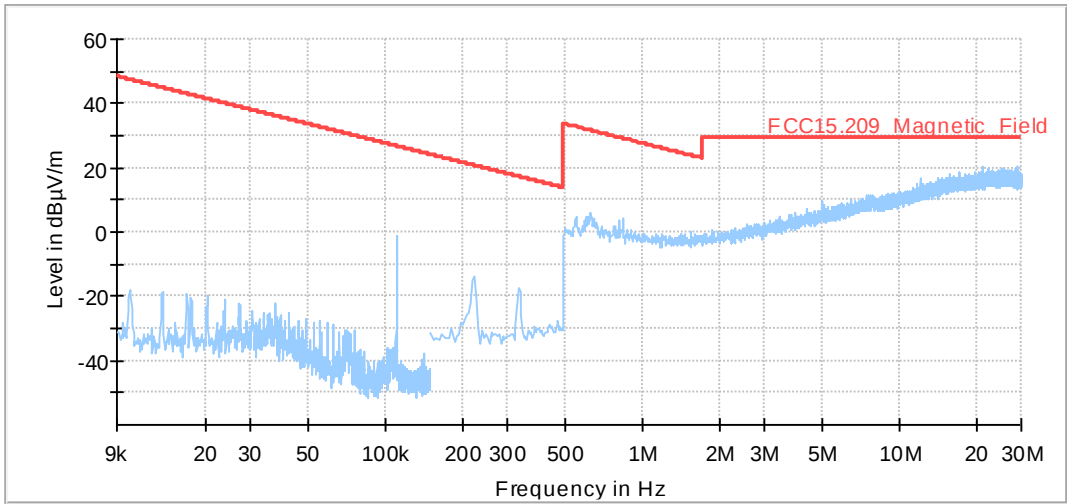
Common Information

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:	NPe/LKnopp
Operating Mode:	TX-on
Comment 2:	-
Environmental Conditions:	Humidity : 47%rH; Temperature: 20°C
EUT Setup:	1
Verdict:	Passed

EUT Information

PMT number:	22-1-00250S04_C02
Comments:	Standing

Full Spectrum



3.01a_a-mode_54Mbps_ch036

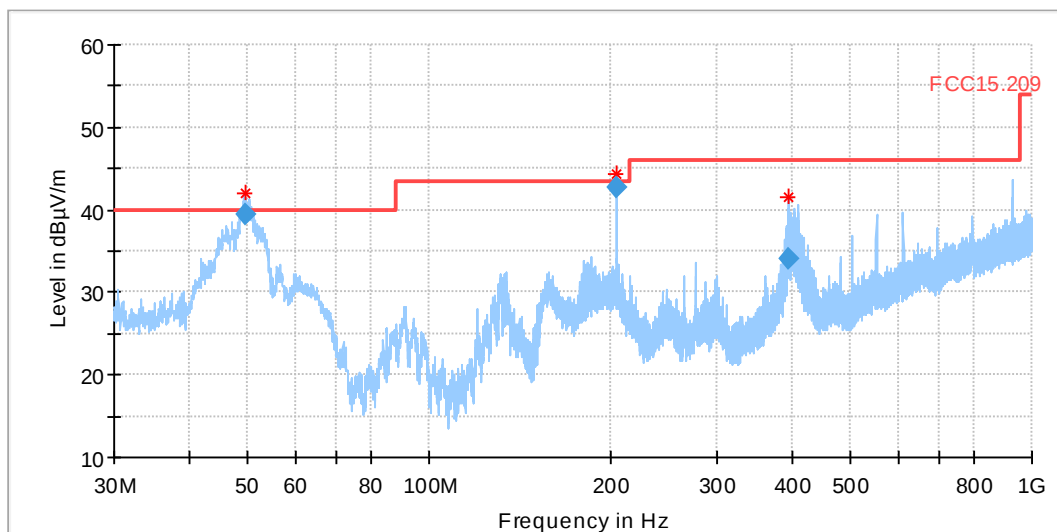
Common Information

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

 Environmental Conditions:: Humidity : 40%rH; Temperature: 20°C
 Operator Name: HLa
 Operating Mode: a-mode_54Mbps_ch036
 Verdict: Passed

EUT Information

PMT number: 22-1-00250S04_C02
 Comments: Standing



Final Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Sig Path (dB)	Preamp (dB)
49.390000	39.49	40.00	0.51	120.000	105.0	V	73.0	12.3	0.0	0.6
203.990000	42.81	43.50	0.69	120.000	161.0	H	7.0	11.1	0.0	1.4
394.590000	34.10	46.00	11.90	120.000	160.0	V	242.0	19.5	0.0	2.2

3.01b_a-mode_54Mbps_ch036

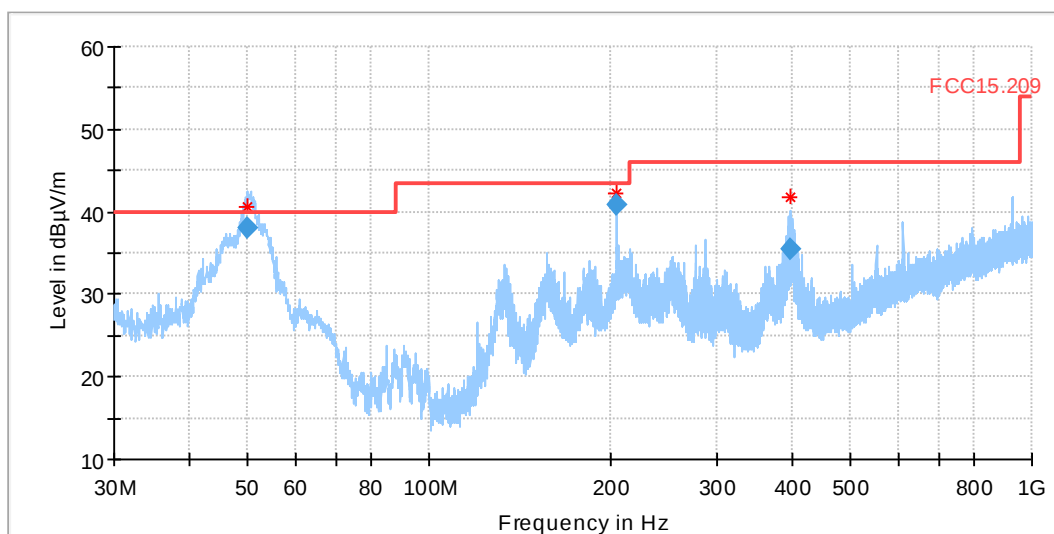
Common Information

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

 Environmental Conditions:: Humidity : 40%rH; Temperature: 20°C
 Operator Name: HLa
 Operating Mode: a-mode_54Mbps_ch036
 Verdict: Passed

EUT Information

PMT number: 22-1-00250S04_C02
 Comments: Standing



Final Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Sig Path (dB)	Preamp (dB)
50.090000	38.00	40.00	2.00	120.000	105.0	V	230.0	12.1	0.0	0.7
203.990000	40.95	43.50	2.55	120.000	105.0	V	108.0	11.1	0.0	1.4
395.990000	35.43	46.00	10.57	120.000	100.0	H	290.0	19.6	0.0	2.2

3.02_a-mode_54Mbps_ch052

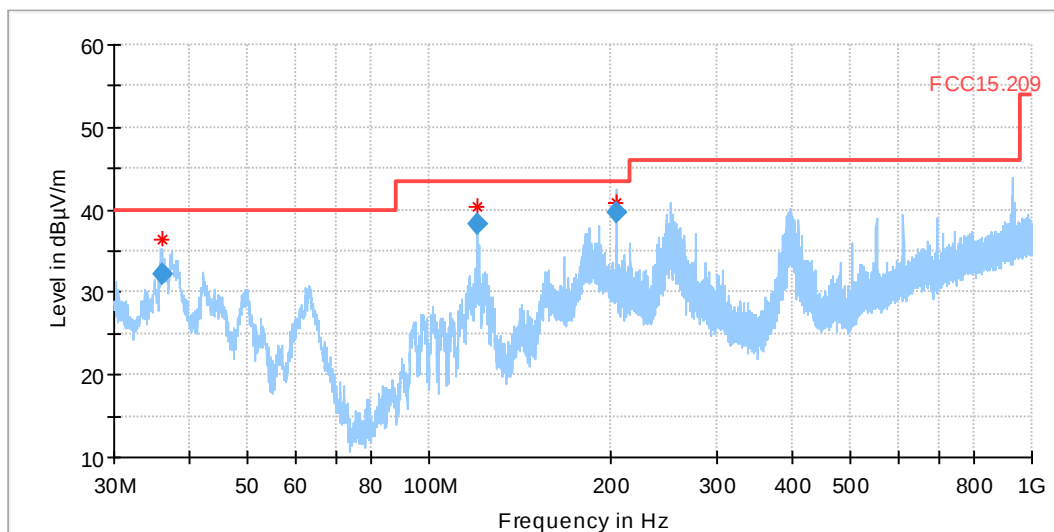
Common Information

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

 Environmental Conditions:: Humidity : 40%rH; Temperature: 20°C
 Operator Name: HLa
 Operating Mode: a-mode_54Mbps_ch052
 Verdict: Passed

EUT Information

PMT number: 22-1-00250S04_C02
 Comments: Standing



Final Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Sig Path (dB)	Preamp (dB)
35.950000	32.11	40.00	7.89	120.000	211.0	H	294.0	18.2	0.0	0.6
120.010000	38.21	43.50	5.29	120.000	112.0	V	107.0	7.2	0.0	1.0
203.990000	39.65	43.50	3.85	120.000	157.0	H	3.0	11.1	0.0	1.4

3.03_a-mode_54Mbps_ch100

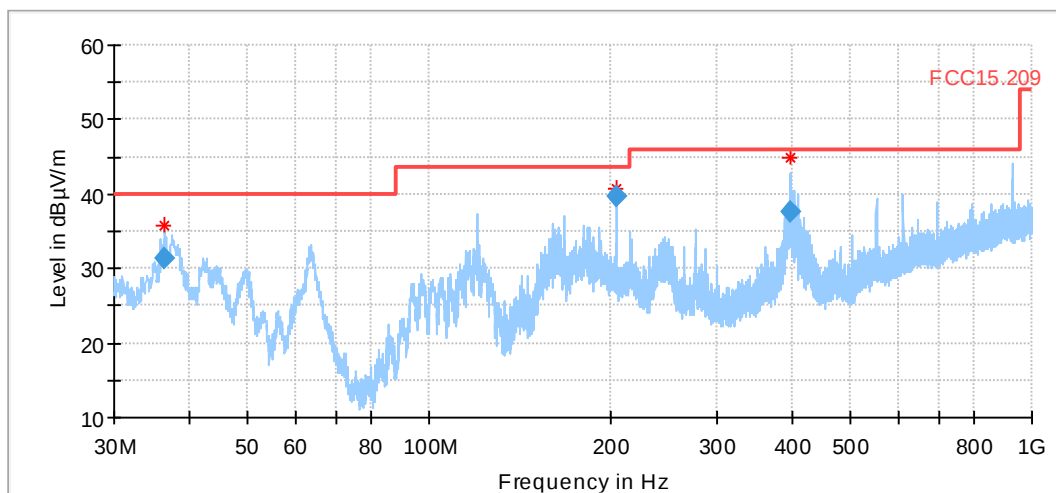
Common Information

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

 Environmental Conditions:: Humidity : 40%rH; Temperature: 20°C
 Operator Name: HLa
 Operating Mode: a-mode_54Mbps_ch100
 Verdict: Passed

EUT Information

PMT number: 22-1-00250S04_C02
 Comments: Standing



Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Sig Path (dB)	Preamp (dB)
36.430000	31.41	40.00	8.59	120.000	257.0	H	243.0	18.0	0.0	0.6
203.990000	39.70	43.50	3.80	120.000	167.0	H	357.0	11.1	0.0	1.4
397.390000	37.62	46.00	8.38	120.000	105.0	V	250.0	19.5	0.0	2.1

3.04_a-mode_54Mbps_ch149

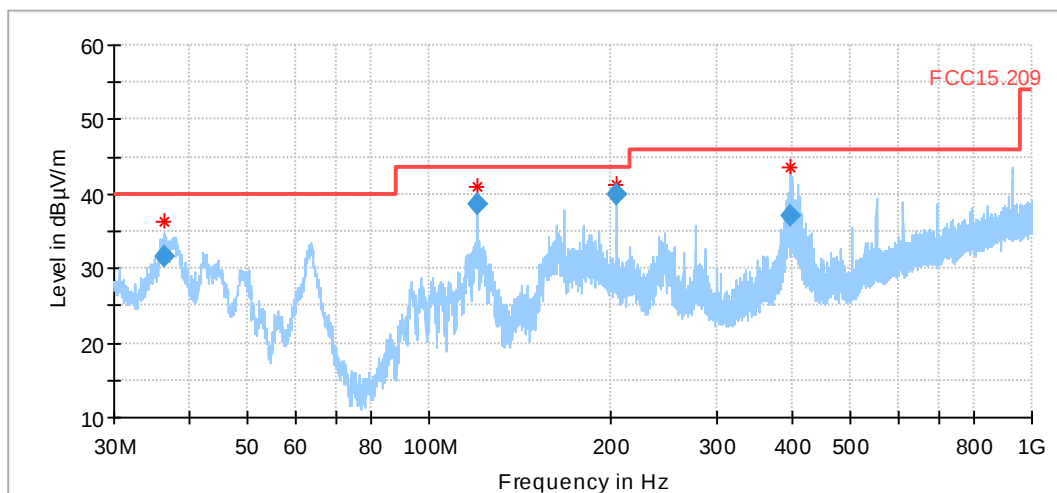
Common Information

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

 Environmental Conditions:: Humidity : 40%rH; Temperature: 20°C
 Operator Name: HLa
 Operating Mode: a-mode_54Mbps_ch149
 Verdict: Passed

EUT Information

PMT number: 22-1-00250S04_C02
 Comments: Standing



Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Sig Path (dB)	Preamp (dB)
36.350000	31.57	40.00	8.43	120.000	229.0	H	313.0	18.1	0.0	0.6
119.990000	38.58	43.50	4.92	120.000	109.0	V	108.0	7.2	0.0	1.0
203.990000	40.03	43.50	3.47	120.000	158.0	H	332.0	11.1	0.0	1.4
397.070000	37.04	46.00	8.96	120.000	109.0	V	277.0	19.5	0.0	2.1

3.05_n-mode_HT20_MCS6_ch036

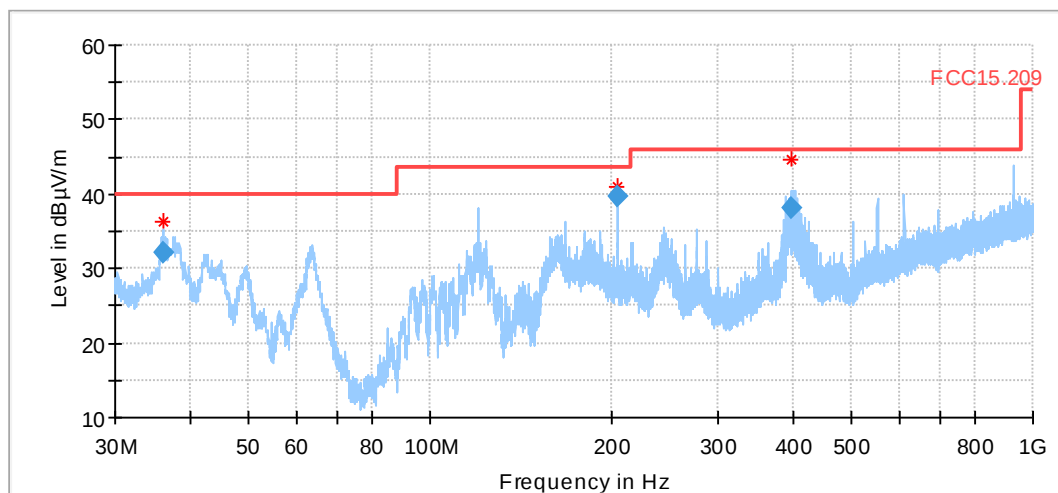
Common Information

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

 Environmental Conditions:: Humidity : 40%rH; Temperature: 20°C
 Operator Name: HLa
 Operating Mode: n-mode_HT20_MCS6_ch036
 Verdict: Passed

EUT Information

PMT number: 22-1-00250S04_C02
 Comments: Standing



Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Sig Path (dB)	Preamp (dB)
35.990000	32.16	40.00	7.84	120.000	241.0	H	286.0	18.2	0.0	0.6
203.990000	39.68	43.50	3.82	120.000	153.0	H	355.0	11.1	0.0	1.4
396.330000	38.01	46.00	7.99	120.000	119.0	V	254.0	19.5	0.0	2.1

3.06_n-mode_HT20_MCS6_ch056

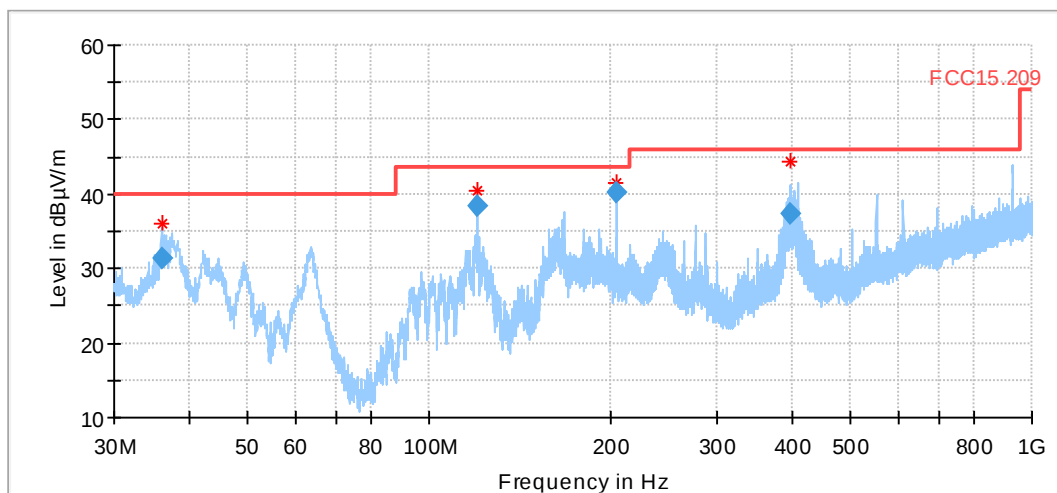
Common Information

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

Environmental Conditions:: Humidity : 40%rH; Temperature: 20°C
 Operator Name: HLa
 Operating Mode: n-mode_HT20_MCS6_ch056
 Verdict: Passed

EUT Information

PMT number: 22-1-00250S04_C02
 Comments: Standing



Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Sig Path (dB)	Preamp (dB)
35.990000	31.38	40.00	8.62	120.000	157.0	H	316.0	18.2	0.0	0.6
120.010000	38.27	43.50	5.23	120.000	109.0	V	91.0	7.2	0.0	1.0
203.990000	40.20	43.50	3.30	120.000	159.0	H	329.0	11.1	0.0	1.4
396.750000	37.42	46.00	8.58	120.000	142.0	V	245.0	19.5	0.0	2.1

3.07_n-mode_HT20_MCS6_ch116

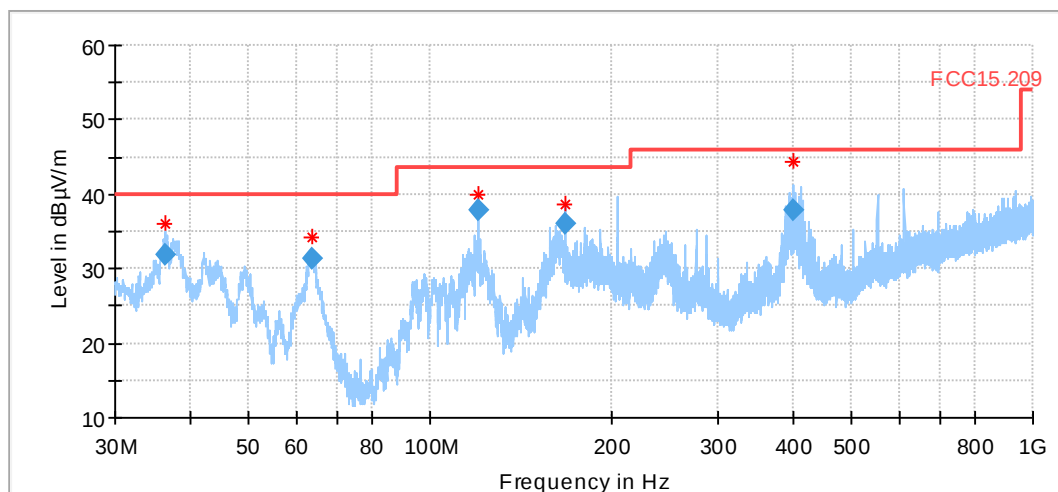
Common Information

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

 Environmental Conditions:: Humidity : 40%rH; Temperature: 20°C
 Operator Name: HLa
 Operating Mode: n-mode_HT20_MCS6_ch116
 Verdict: Passed

EUT Information

PMT number: 22-1-00250S04_C02
 Comments: Standing



Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Sig Path (dB)	Preamp (dB)
36.370000	31.96	40.00	8.04	120.000	242.0	H	303.0	18.1	0.0	0.6
63.470000	31.39	40.00	8.61	120.000	265.0	H	191.0	7.2	0.0	0.8
119.990000	37.82	43.50	5.68	120.000	105.0	V	86.0	7.2	0.0	1.0
167.990000	36.14	43.50	7.36	120.000	123.0	H	181.0	9.8	0.0	1.4
401.030000	37.92	46.00	8.08	120.000	125.0	V	249.0	19.3	0.0	2.0

3.08_n-mode_HT20_MCS6_ch157

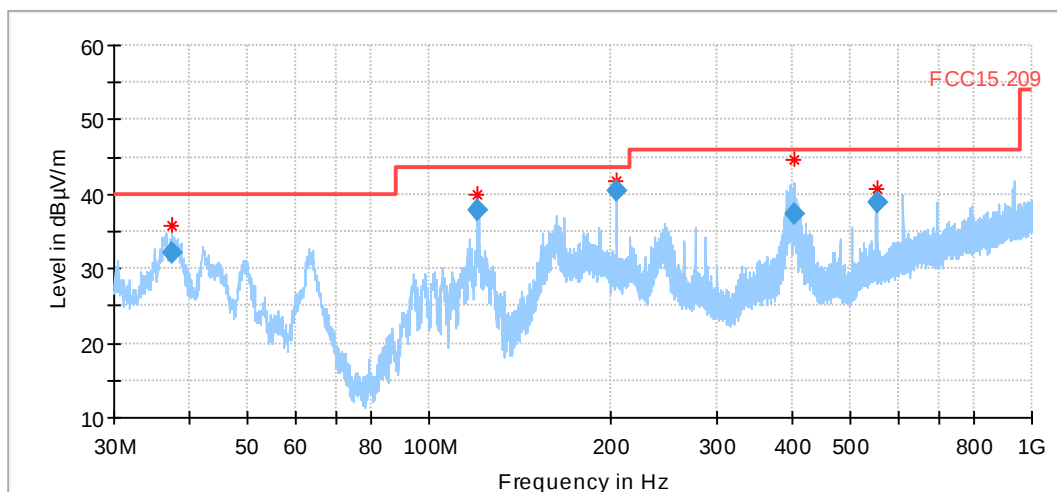
Common Information

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

Environmental Conditions:: Humidity : 40%rH; Temperature: 20°C
 Operator Name: HLa
 Operating Mode: n-mode_HT20_MCS6_ch116
 Verdict: Passed

EUT Information

PMT number: 22-1-00250S04_C02
 Comments: Standing



Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Sig Path (dB)	Preamp (dB)
37.470000	32.22	40.00	7.78	120.000	162.0	H	292.0	17.6	0.0	0.6
119.990000	37.75	43.50	5.75	120.000	117.0	V	88.0	7.2	0.0	1.0
203.990000	40.38	43.50	3.12	120.000	156.0	H	341.0	11.1	0.0	1.4
402.690000	37.31	46.00	8.69	120.000	130.0	V	259.0	19.3	0.0	2.1
551.990000	38.80	46.00	7.20	120.000	195.0	V	162.0	22.3	0.0	2.5

3.09_ac-mode_HT20_MCS4_ch048

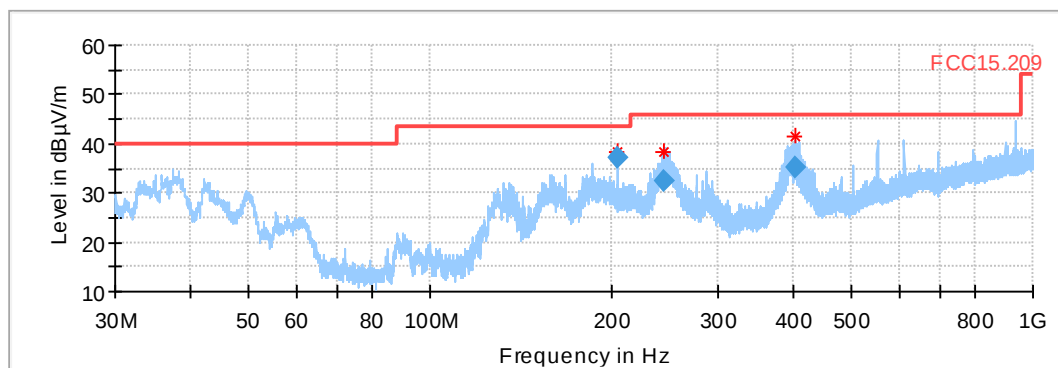
Common Information

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

 Environmental Conditions:: Humidity : 43%rH; Temperature: 21°C
 Operator Name: NPe/LKnopp
 Operating Mode: ac-mode_HT20_MCS4_ch048
 Power supply: 120V AC
 Verdict: Passed

EUT Information

PMT number: 22-1-00250S04_C02
 Comments: Standing



Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Sig Path (dB)	Preamp (dB)
203.990000	37.36	43.50	6.14	120.000	149.0	H	0.0	11.1	0.0	1.4
244.690000	32.45	46.00	13.55	120.000	160.0	V	285.0	13.0	0.0	1.6
403.810000	35.13	46.00	10.87	120.000	116.0	V	102.0	19.3	0.0	2.2

(continuation of the "Final_Result" table from column 18 ...)

Frequency (MHz)	Trd Corr. (dB/m)	Raw Rec (dBµV)	Comment
203.990000	9.7	26.3	08:37:56 - 11.11.2022
244.690000	11.4	19.5	08:42:11 - 11.11.2022
403.810000	17.2	15.8	08:47:25 - 11.11.2022

3.10_ac-mode_HT20_MCS5_ch056

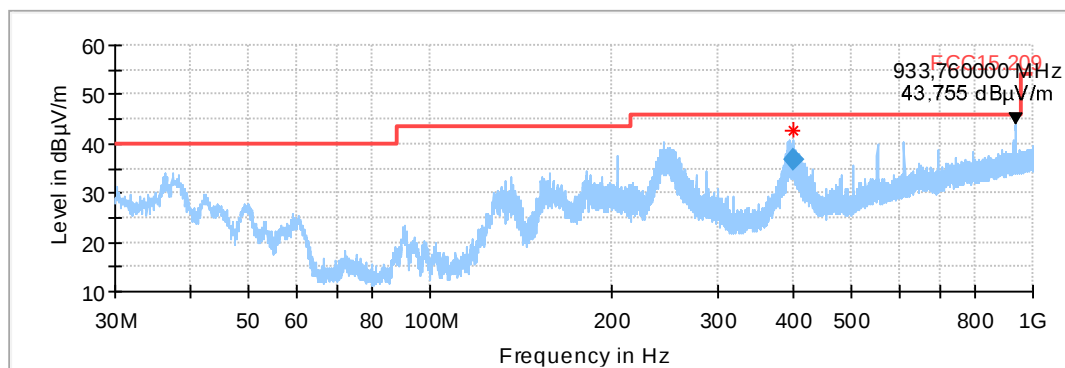
Common Information

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

Environmental Conditions:: Humidity : 43%rH; Temperature: 21°C
 Operator Name: NPe/LKnopp
 Operating Mode: ac-mode_HT20_MCS4_ch056
 Power supply: 120V AC
 Verdict: Passed

EUT Information

PMT number: 22-1-00250S04_C02
 Comments: Standing



Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Sig Path (dB)	Preamp (dB)
400.230000	36.60	46.00	9.40	120.000	112.0	V	96.0	19.3	0.0	2.0

(continuation of the "Final_Result" table from column 18 ...)

Frequency (MHz)	Trd Corr. (dB/m)	Raw Rec (dBµV)	Comment
400.230000	17.3	17.3	09:10:40 - 11.11.2022

3.11_ac-mode_HT20_MCS4_ch140

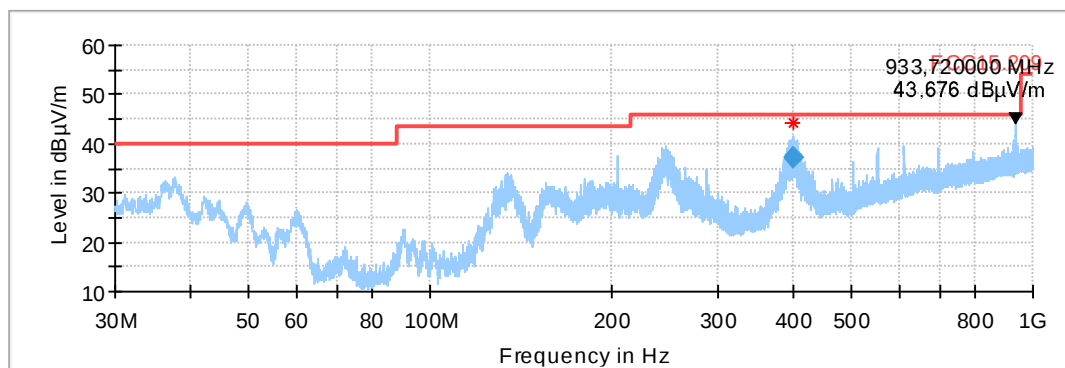
Common Information

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

Environmental Conditions:: Humidity : 43%rH; Temperature: 21°C
 Operator Name: NPe/LKnopp
 Operating Mode: ac-mode_HT20_MCS4_ch140
 Power supply: 120V AC
 Verdict: Passed

EUT Information

PMT number: 22-1-00250S04_C02
 Comments: Standing



Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Sig Path (dB)	Preamp (dB)
400.630000	37.11	46.00	8.89	120.000	109.0	V	83.0	19.3	0.0	2.0

(continuation of the "Final_Result" table from column 18 ...)

Frequency (MHz)	Trd Corr. (dB/m)	Raw Rec (dBµV)	Comment
400.630000	17.3	17.8	09:30:48 - 11.11.2022

3.12_ac-mode_HT20_MCS4_ch165

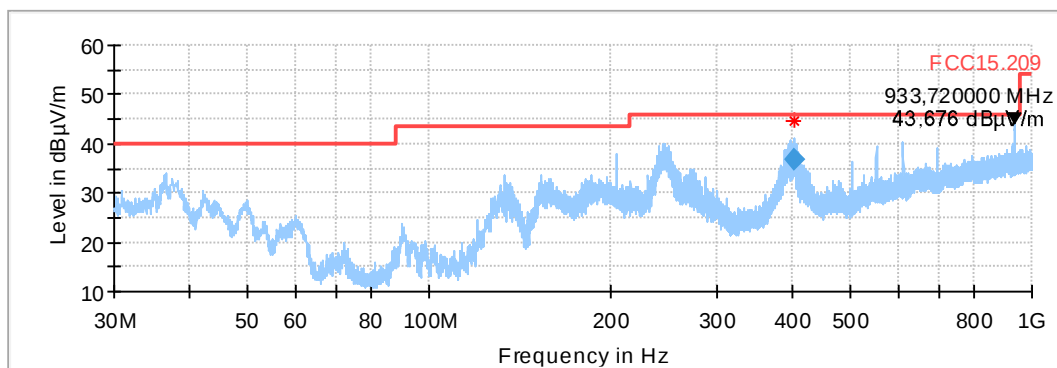
Common Information

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

Environmental Conditions:: Humidity : 43%rH; Temperature: 21°C
 Operator Name: NPe/LKnopp
 Operating Mode: ac-mode_HT20_MCS4_ch165
 Power supply: 120V AC
 Verdict: Passed

EUT Information

PMT number: 22-1-00250S04_C02
 Comments: Standing



Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Sig Path (dB)	Preamp (dB)
402.750000	36.86	46.00	9.14	120.000	112.0	V	90.0	19.3	0.0	2.1

(continuation of the "Final_Result" table from column 18 ...)

Frequency (MHz)	Trd Corr. (dB/m)	Raw Rec (dBµV)	Comment
402.750000	17.2	17.5	09:50:48 - 11.11.2022

3.13_n-mode_HT40_MCS4_ch038

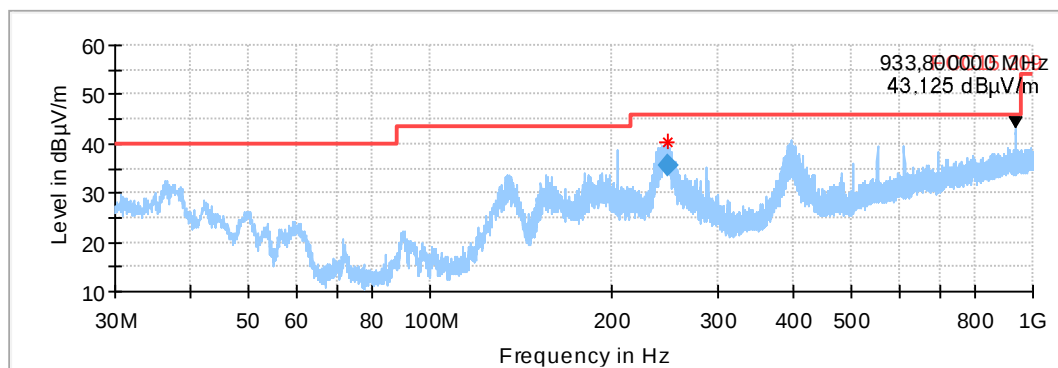
Common Information

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

Environmental Conditions:: Humidity : 43%rH; Temperature: 21°C
 Operator Name: NPe/LKnopp
 Operating Mode: n-mode_HT40_MCS4_ch038
 Power supply: 120V AC
 Verdict: Passed

EUT Information

PMT number: 22-1-00250S04_C02
 Comments: Standing



Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Sig Path (dB)	Preamp (dB)
247.970000	35.49	46.00	10.51	120.000	119.0	H	325.0	13.0	0.0	1.6

(continuation of the "Final_Result" table from column 18 ...)

Frequency (MHz)	Trd Corr. (dB/m)	Raw Rec (dBμV)	Comment
247.970000	11.4	22.5	10:10:03 - 11.11.2022

3.14_n-mode_HT40_MCS4_ch054

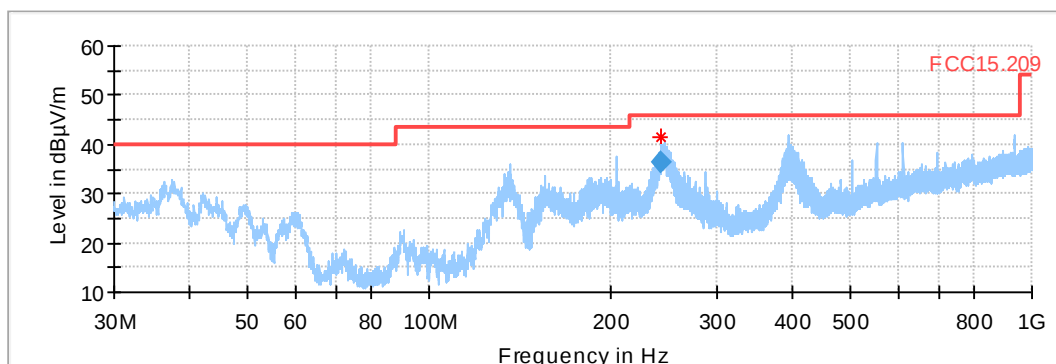
Common Information

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

Environmental Conditions:: Humidity : 43%rH; Temperature: 21°C
 Operator Name: NPe/LKnopp
 Operating Mode: n-mode_HT40_MCS4_ch054
 Power supply: 120V AC
 Verdict: Passed

EUT Information

PMT number: 22-1-00250S04_C02
 Comments: Standing



Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Sig Path (dB)	Preamp (dB)
242.710000	36.38	46.00	9.62	120.000	122.0	H	163.0	12.9	0.0	1.6

(continuation of the "Final_Result" table from column 18 ...)

Frequency (MHz)	Trd Corr. (dB/m)	Raw Rec (dBµV)	Comment
242.710000	11.3	23.5	10:29:55 - 11.11.2022

3.15_n-mode_HT40_MCS4_ch102

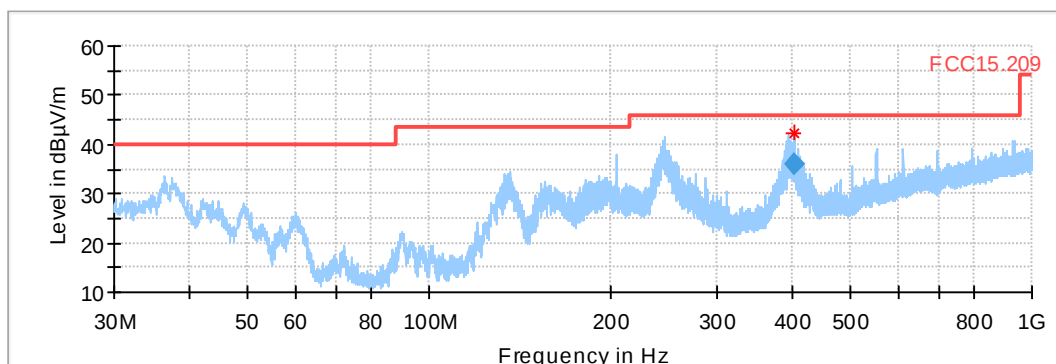
Common Information

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

 Environmental Conditions:: Humidity : 43%rH; Temperature: 21°C
 Operator Name: NPe/LKnopp
 Operating Mode: n-mode_HT40_MCS4_ch102
 Power supply: 120V AC
 Verdict: Passed

EUT Information

PMT number: 22-1-00250S04_C02
 Comments: Standing



Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Sig Path (dB)	Preamp (dB)
402.870000	36.02	46.00	9.98	120.000	120.0	V	99.0	19.3	0.0	2.1

(continuation of the "Final_Result" table from column 18 ...)

Frequency (MHz)	Trd Corr. (dB/m)	Raw Rec (dBµV)	Comment
402.870000	17.2	16.7	10:48:02 - 11.11.2022

3.16_n-mode_HT40_MCS4_ch151

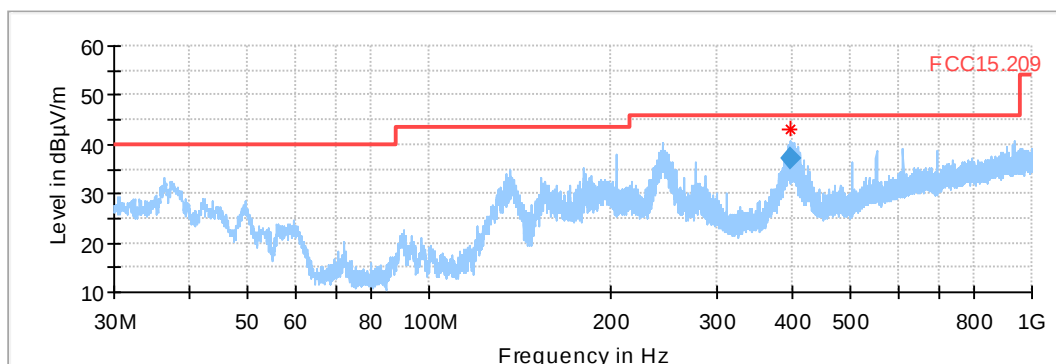
Common Information

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

 Environmental Conditions:: Humidity : %rH; Temperature: °C
 Operator Name: NPe/LKnopp
 Operating Mode: ac-mode_HT20_MCS4_ch151
 Power supply: 120V AC
 Verdict: Passed

EUT Information

PMT number: 22-1-00250S04_C02
 Comments: Standing



Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Sig Path (dB)	Preamp (dB)
397.870000	37.00	46.00	9.00	120.000	112.0	V	78.0	19.4	0.0	2.1

(continuation of the "Final_Result" table from column 18 ...)

Frequency (MHz)	Trd Corr. (dB/m)	Raw Rec (dBµV)	Comment
397.870000	17.4	17.6	11:07:07 - 11.11.2022

3.17_ac-mode_HT40_MCS5_ch046

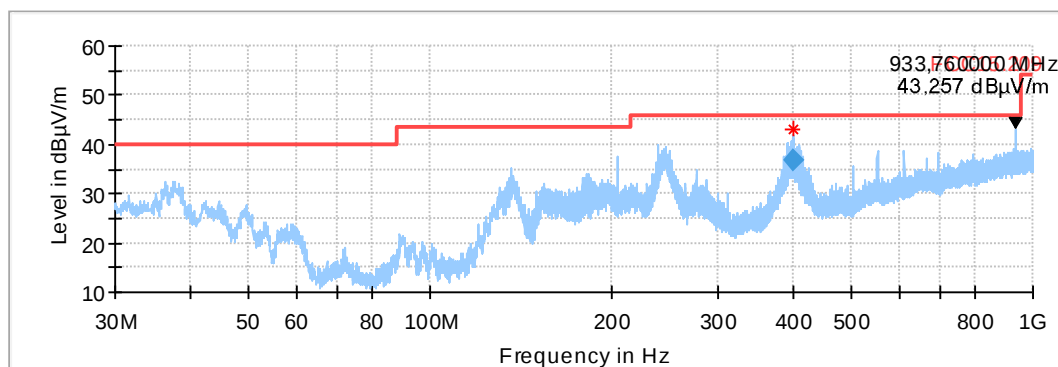
Common Information

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

 Environmental Conditions:: Humidity : 43%rH; Temperature: 21°C
 Operator Name: NPe/LKnopp
 Operating Mode: ac-mode_HT40_MCS5_ch046
 Power supply: 120V AC
 Verdict: Passed

EUT Information

PMT number: 22-1-00250S04_C02
 Comments: Standing



Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Sig Path (dB)	Preamp (dB)
399.430000	36.94	46.00	9.06	120.000	129.0	V	82.0	19.4	0.0	2.0

(continuation of the "Final_Result" table from column 18 ...)

Frequency (MHz)	Trd Corr. (dB/m)	Raw Rec (dBµV)	Comment
399.430000	17.3	17.6	11:24:04 - 11.11.2022

3.18_ac-mode_HT40_MCS5_ch062

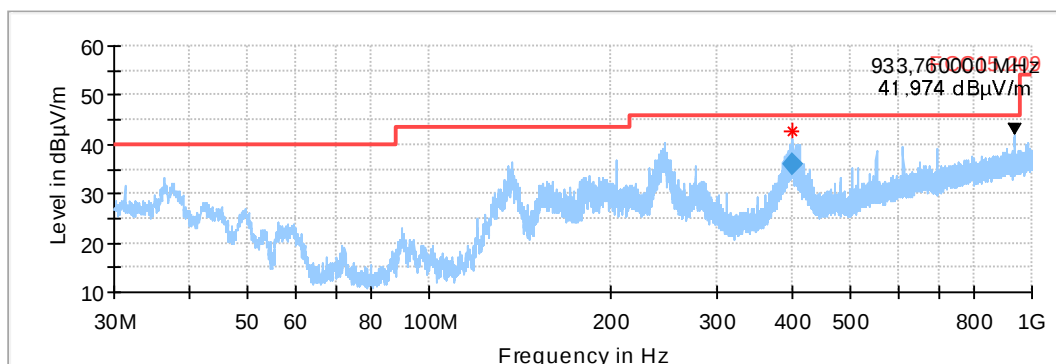
Common Information

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

Environmental Conditions:: Humidity : 43%rH; Temperature: 21°C
 Operator Name: NPe/LKnopp
 Operating Mode: ac-mode_HT40_MCS5_ch062
 Power supply: 120V AC
 Verdict: Passed

EUT Information

PMT number: 22-1-00250S04_C02
 Comments: Standing



Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Sig Path (dB)	Preamp (dB)
400.830000	35.89	46.00	10.11	120.000	143.0	V	94.0	19.3	0.0	2.0

(continuation of the "Final_Result" table from column 18 ...)

Frequency (MHz)	Trd Corr. (dB/m)	Raw Rec (dBµV)	Comment
400.830000	17.3	16.6	11:41:19 - 11.11.2022

3.19_ac-mode_HT40_MCS5_ch134

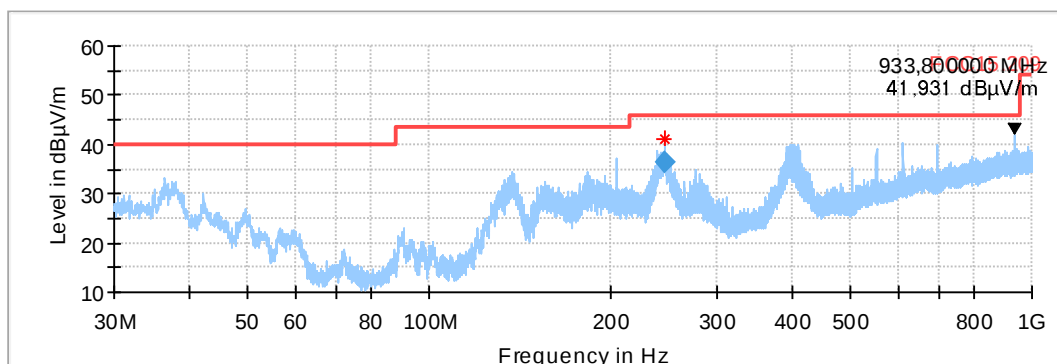
Common Information

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

Environmental Conditions:: Humidity : 43%rH; Temperature: 21°C
 Operator Name: NPe/LKnopp
 Operating Mode: ac-mode_HT40_MCS5_ch134
 Power supply: 120V AC
 Verdict: Passed

EUT Information

PMT number: 22-1-00250S04_C02
 Comments: Standing



Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Sig Path (dB)	Preamp (dB)
246.110000	36.52	46.00	9.48	120.000	112.0	H	338.0	13.0	0.0	1.6

(continuation of the "Final_Result" table from column 18 ...)

Frequency (MHz)	Trd Corr. (dB/m)	Raw Rec (dBμV)	Comment
246.110000	11.4	23.6	11:58:49 - 11.11.2022

3.20_ac-mode_HT40_MCS5_ch159

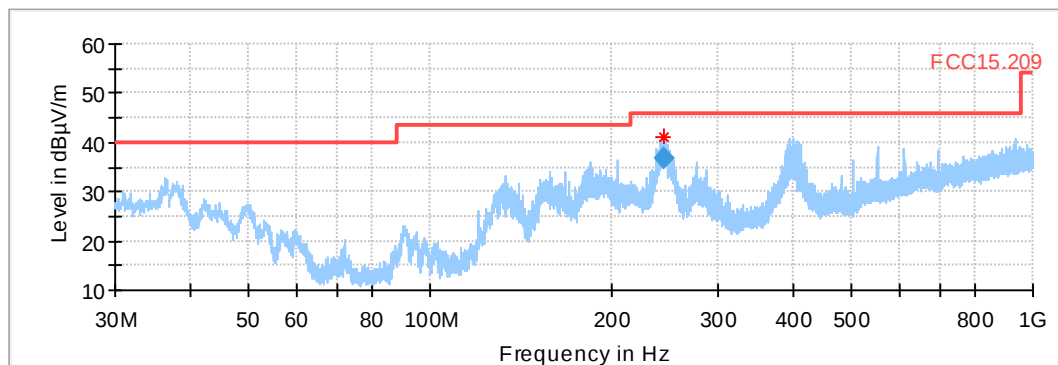
Common Information

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

 Environmental Conditions:: Humidity : 41%rH; Temperature: 20°C
 Operator Name: NPe/LKnopp
 Operating Mode: ac-mode_HT40_MCS5_ch159
 Power supply: 120V AC
 Verdict: Passed

EUT Information

PMT number: 22-1-00250S04_C02
 Comments: Standing



Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Sig Path (dB)	Preamp (dB)
244.710000	36.94	46.00	9.06	120.000	119.0	H	157.0	13.0	0.0	1.6

(continuation of the "Final_Result" table from column 18 ...)

Frequency (MHz)	Trd Corr. (dB/m)	Raw Rec (dBµV)	Comment
244.710000	11.4	24.0	12:18:43 - 11.11.2022

3.21_ac-mode_HT80_MCS5_ch042

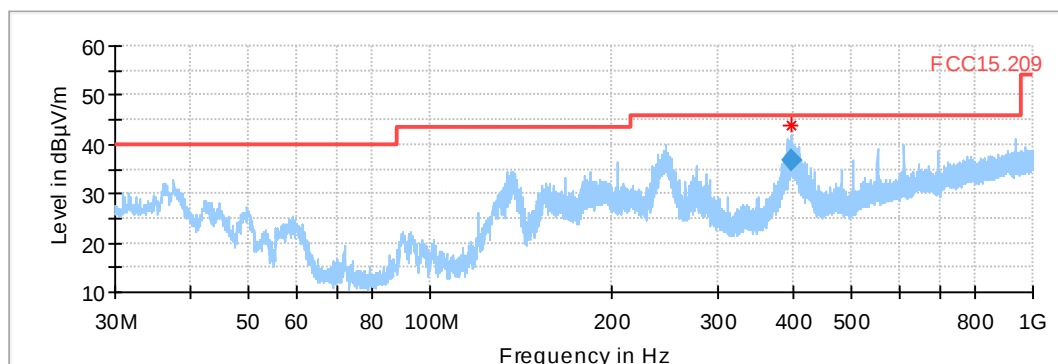
Common Information

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

 Environmental Conditions:: Humidity : 41%rH; Temperature: 20°C
 Operator Name: NPe/LKnopp
 Operating Mode: ac-mode_HT80_MCS5_ch042
 Power supply: 120V AC
 Verdict: Passed

EUT Information

PMT number: 22-1-00250S04_C02
 Comments: Standing



Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Sig Path (dB)	Preamp (dB)
398.770000	36.81	46.00	9.19	120.000	127.0	V	84.0	19.4	0.0	2.0

(continuation of the "Final_Result" table from column 18 ...)

Frequency (MHz)	Trd Corr. (dB/m)	Raw Rec (dBµV)	Comment
398.770000	17.3	17.4	12:37:21 - 11.11.2022

3.22_ac-mode_HT80_MCS5_ch058

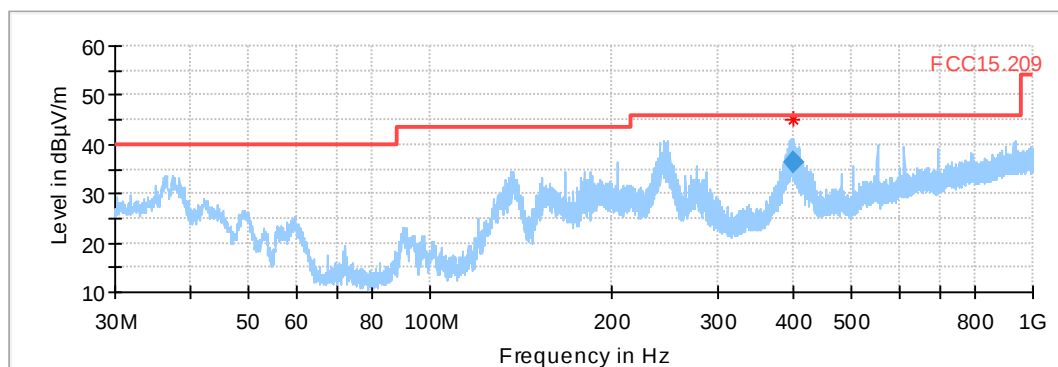
Common Information

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

 Environmental Conditions:: Humidity : 41%rH; Temperature: 20°C
 Operator Name: NPe/LKnopp
 Operating Mode: ac-mode_HT80_MCS5_ch058
 Power supply: 120V AC
 Verdict: Passed

EUT Information

PMT number: 22-1-00250S04_C02
 Comments: Standing



Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Sig Path (dB)	Preamp (dB)
400.030000	36.41	46.00	9.59	120.000	105.0	V	79.0	19.3	0.0	2.0

(continuation of the "Final_Result" table from column 18 ...)

Frequency (MHz)	Trd Corr. (dB/m)	Raw Rec (dBµV)	Comment
400.030000	17.3	17.1	13:29:47 - 11.11.2022

3.23_ac-mode_HT80_MCS5_ch106

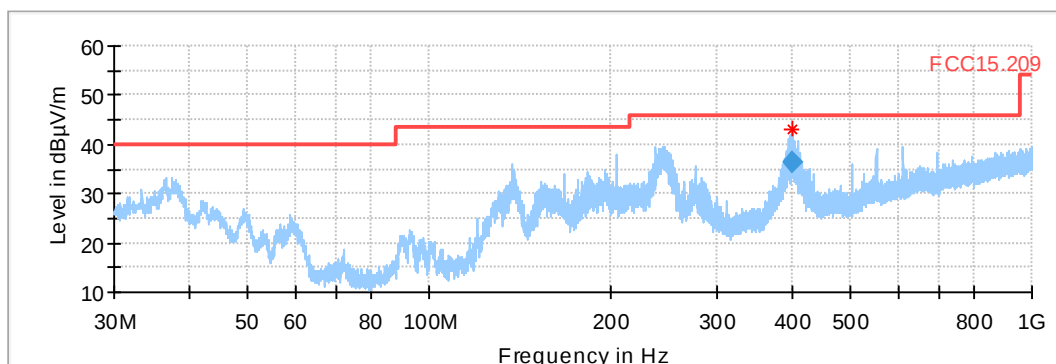
Common Information

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

Environmental Conditions:: Humidity : 41%rH; Temperature: 20°C
 Operator Name: NPe/LKnopp
 Operating Mode: ac-mode_HT80_MCS5_ch106
 Power supply: 120V AC
 Verdict: Passed

EUT Information

PMT number: 22-1-00250S04_C02
 Comments: Standing



Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Sig Path (dB)	Preamp (dB)
399.870000	36.18	46.00	9.82	120.000	135.0	V	48.0	19.3	0.0	2.0

(continuation of the "Final_Result" table from column 18 ...)

Frequency (MHz)	Trd Corr. (dB/m)	Raw Rec (dBµV)	Comment
399.870000	17.3	16.9	13:46:44 - 11.11.2022

3.24_ac-mode_HT80_MCS5_ch155

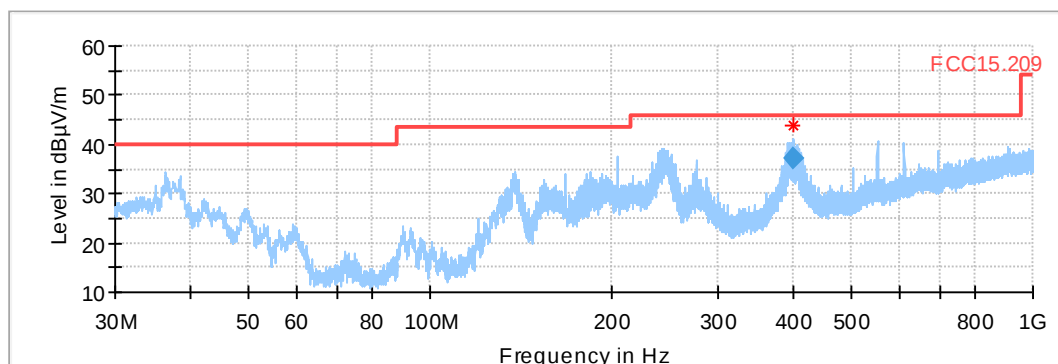
Common Information

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

 Environmental Conditions:: Humidity : 43%rH; Temperature: 21°C
 Operator Name: NPe/LKnopp
 Operating Mode: ac-mode_HT20_MCS4_ch155
 Power supply: 120V AC
 Verdict: Passed

EUT Information

PMT number: 22-1-00250S04_C02
 Comments: Standing



Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Sig Path (dB)	Preamp (dB)
400.830000	37.00	46.00	9.00	120.000	117.0	V	97.0	19.3	0.0	2.0

(continuation of the "Final_Result" table from column 18 ...)

Frequency (MHz)	Trd Corr. (dB/m)	Raw Rec (dBµV)	Comment
400.830000	17.3	17.7	14:03:28 - 11.11.2022