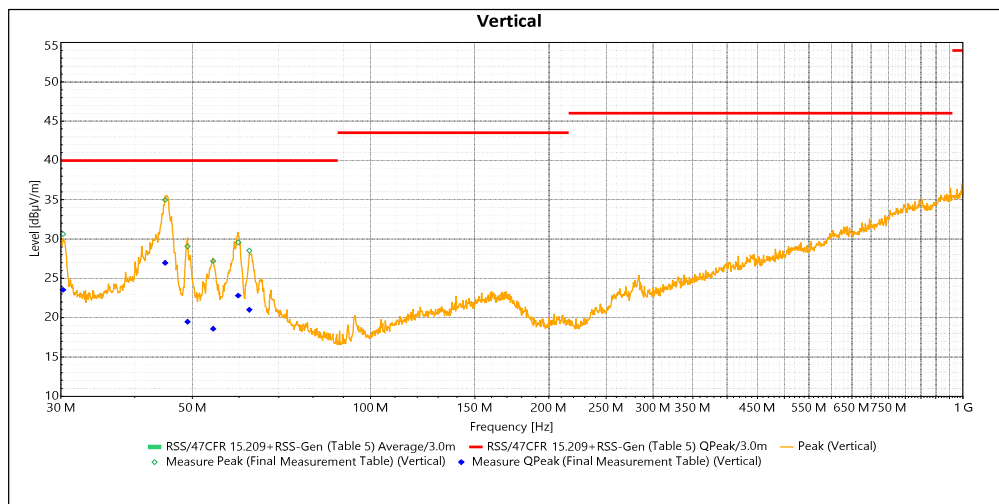
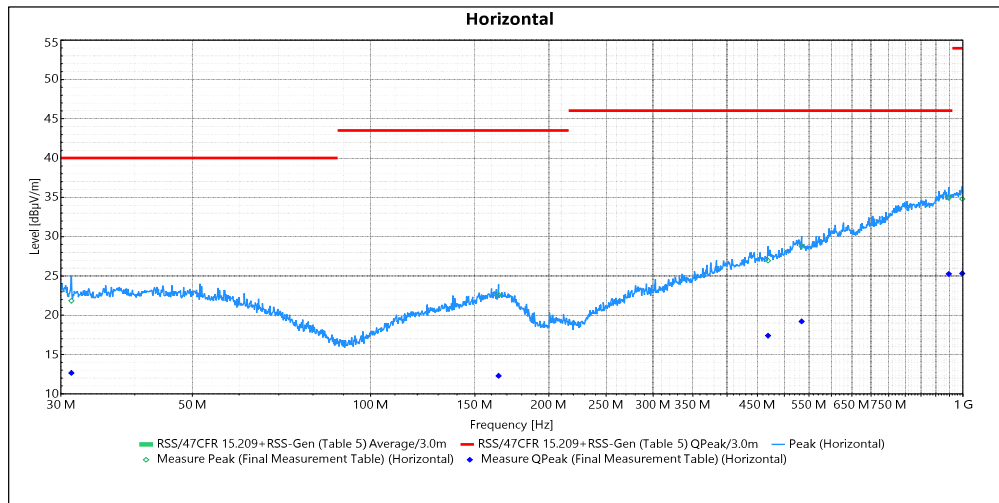


- ☐ The emissions are below the measurement system noise floor or 20 dB or more below the limit
- ☒ Final measurements for emissions that are above -20 dB from the applicable limits are shown below (at least 6 worst frequencies):

Final Measurement Table

Frequency	Measure Peak (dBuV/m)	Measure QPeak (dBuV/m)	Limit QPeak (dBuV/m)	Margin QPeak (dB)	Max height (m)	Max angle (°)	Polarization	RBW (Hz)	Meas.Time (s)	Comments	Correction (dB)
49.05 MHz	23.41	13	40	-27	2.24	260.2	Horizontal	120 k	5	Pass	20.09
162.57 MHz	21.82	12.65	43.52	-30.87	1.32	233.9	Horizontal	120 k	5	Pass	20.27
487.68 MHz	26.45	17.55	46.02	-28.47	2.81	310.9	Horizontal	120 k	5	Pass	25.08
797.25 MHz	33.54	23.76	46.02	-22.26	3.63	46.6	Horizontal	120 k	5	Pass	30.63
953.82 MHz	34.43	25.31	46.02	-20.71	2.19	73.7	Horizontal	120 k	5	Pass	32.4
30.06 MHz	29.58	22.31	40	-17.69	1.05	100	Vertical	120 k	5	Pass	18.43
45.09 MHz	34.95	27.54	40	-12.46	1.05	16.5	Vertical	120 k	5	Pass	19.93
48.93 MHz	29.04	20.26	40	-19.74	1.05	19.6	Vertical	120 k	5	Pass	20.09
54.42 MHz	27.5	18.71	40	-21.29	1.05	190.9	Vertical	120 k	5	Pass	19.93
59.46 MHz	30.61	23.85	40	-16.15	1.02	256.6	Vertical	120 k	5	Pass	19.49
62.4 MHz	28.27	20.48	40	-19.52	1.07	339.1	Vertical	120 k	5	Pass	19.13

Operating mode	4
Verdict	Pass
Instrument settings	Start Frequency: 30 MHz; Stop Frequency: 1 GHz; Step: 30 kHz; Sweep Time: 20 ms/Step; RF Attenuation: Auto; RBW: 120 kHz; VBW: Auto; Preamplifier: ON; Preselector: ON
Instrument settings	Start Frequency: 30 MHz; Stop Frequency: 1 GHz; Step: 30 kHz; Sweep Time: 20 ms/Step; RF Attenuation: Auto; RBW: 120 kHz; VBW: Auto; Preamplifier: ON; Preselector: ON

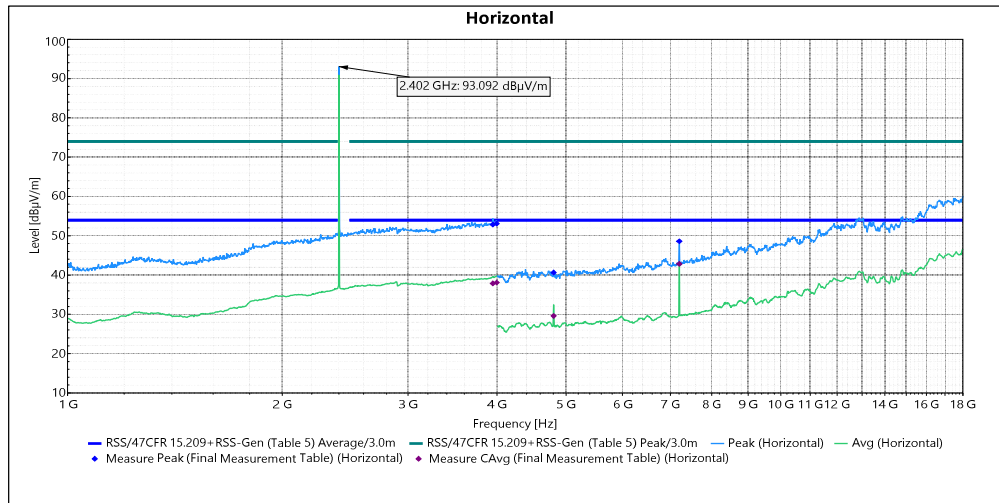


- ☐ The emissions are below the measurement system noise floor or 20 dB or more below the limit
- ☒ Final measurements for emissions that are above -20 dB from the applicable limits are shown below (at least 6 worst frequencies):

Final Measurement Table

Frequency	Measure Peak (dBuV/m)	Measure QPeak (dBuV/m)	Limit QPeak (dBuV/m)	Margin QPeak (dB)	Max height (m)	Max angle (°)	Polarization	RBW (Hz)	Meas.Time (s)	Comments	Correction (dB)
31.26 MHz	21.83	12.66	40	-27.34	1.27	318.7	Horizontal	120 k	5	Pass	18.42
164.52 MHz	22.55	12.3	43.52	-31.22	2.15	21	Horizontal	120 k	5	Pass	20.19
469.11 MHz	26.94	17.39	46.02	-28.63	3.18	152.8	Horizontal	120 k	5	Pass	25.07
534.51 MHz	28.75	19.22	46.02	-26.8	2.21	73.6	Horizontal	120 k	5	Pass	26.24
947.13 MHz	34.94	25.25	46.02	-20.77	2.82	33.4	Horizontal	120 k	5	Pass	32.27
997.89 MHz	34.8	25.32	53.98	-28.66	2.82	284.2	Horizontal	120 k	5	Pass	32.48
30.24 MHz	30.63	23.54	40	-16.46	1.03	345.4	Vertical	120 k	5	Pass	18.43
45 MHz	34.98	26.97	40	-13.03	1.23	238	Vertical	120 k	5	Pass	19.93
49.08 MHz	29.06	19.48	40	-20.52	1.44	359.4	Vertical	120 k	5	Pass	20.09
54.24 MHz	27.2	18.58	40	-21.42	1.23	170.7	Vertical	120 k	5	Pass	19.95
59.79 MHz	29.57	22.8	40	-17.2	1.6	22.9	Vertical	120 k	5	Pass	19.46
62.43 MHz	28.53	21	40	-19	1.13	316.3	Vertical	120 k	5	Pass	19.12

Operating mode	1
Polarization	Horizontal
Verdict	Pass
Instrument settings	Start Frequency: 1 GHz; Stop Frequency: 4 GHz; Step: 250 kHz; Sweep Time: 20 ms/Step; RF Attenuation: Auto; RBW: 1 MHz; VBW: Auto; Preamplifier: ON; Preselector: ON
Instrument settings	Start Frequency: 4 GHz; Stop Frequency: 18 GHz; Step: 250 kHz; Sweep Time: 5 ms/Step; RF Attenuation: Auto; RBW: 1 MHz; VBW: Auto; Preamplifier: OFF; Preselector: ON



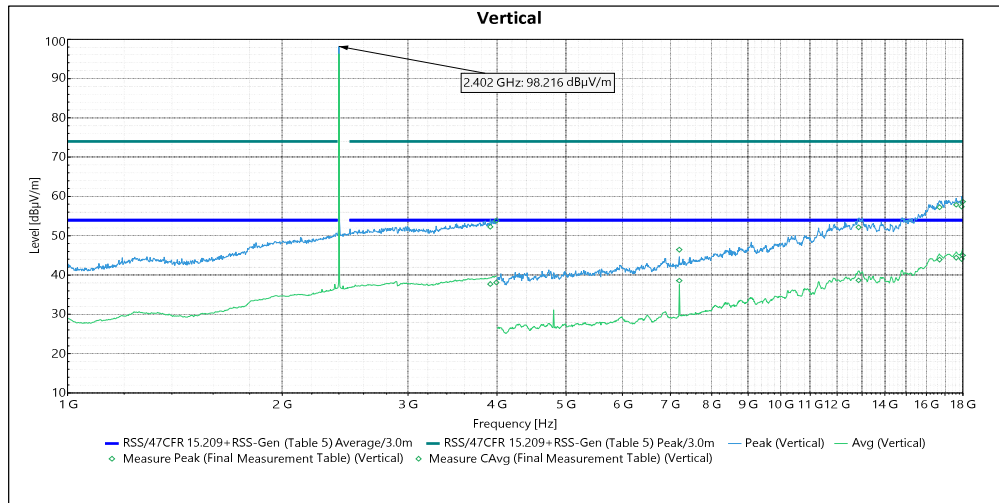
☐ The emissions are below the measurement system noise floor or 20 dB or more below the limit

☒ Final measurements for emissions that are above -20 dB from the applicable limits are shown below (at least 6 worst frequencies):

Final Measurement Table

Frequency	Measure Peak (dBμV/m)	Limit Peak (dBμV/m)	Margin Peak (dB)	Measure CAvg (dBμV/m)	Limit Avg (dBμV/m)	Margin Avg (dB)	Height (m)	Angle (°)	Polarization	RBW (Hz)	Meas.Time (s)	Comments	Correction (dB)
3.948 GHz	52.86	74	-21.14	37.86	54	-16.14	1.67	52.7	Horizontal	1 M	5	Pass	39.43
3.995 GHz	53.09	74	-20.91	38.08	54	-15.92	1.89	40.1	Horizontal	1 M	5	Pass	39.49
4.804 GHz	40.65	74	-33.35	29.59	54	-24.41	2.18	35.4	Horizontal	1 M	5	Pass	8.82
7.206 GHz	48.6	74	-25.4	42.84	54	-11.16	1.51	34.7	Horizontal	MHz	5	Pass	13.53

Operating mode	1
Polarization	Vertical
Verdict	Pass
Instrument settings	Start Frequency: 1 GHz; Stop Frequency: 4 GHz; Step: 250 kHz; Sweep Time: 20 ms/Step; RF Attenuation: Auto; RBW: 1 MHz; VBW: Auto; Preamplifier: ON; Preselector: ON
Instrument settings	Start Frequency: 4 GHz; Stop Frequency: 18 GHz; Step: 250 kHz; Sweep Time: 5 ms/Step; RF Attenuation: Auto; RBW: 1 MHz; VBW: Auto; Preamplifier: OFF; Preselector: ON

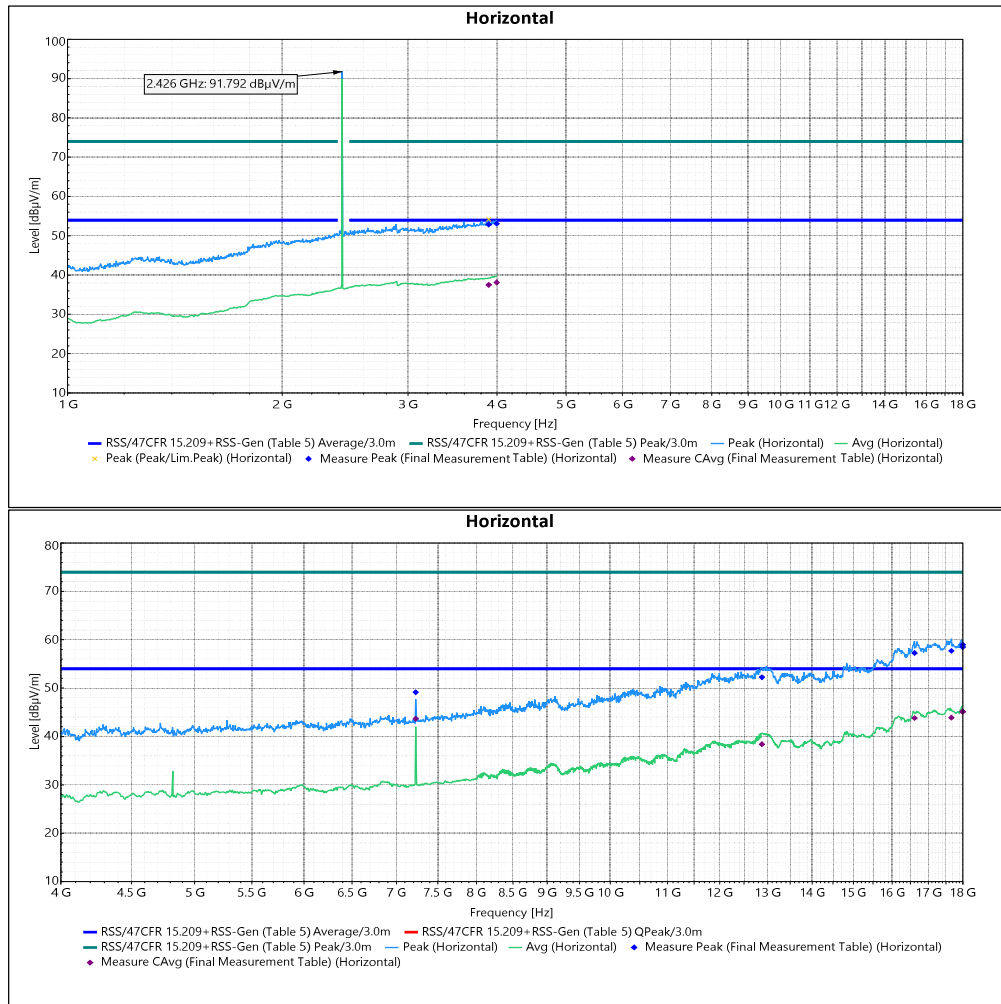


- ☐ The emissions are below the measurement system noise floor or 20 dB or more below the limit
- ☒ Final measurements for emissions that are above -20 dB from the applicable limits are shown below (at least 6 worst frequencies):

Final Measurement Table

Frequency	Measure Peak (dBμV/m)	Limit Peak (dBμV/m)	Margin Peak (dB)	Measure CAvg (dBμV/m)	Limit Avg (dBμV/m)	Margin Avg (dB)	Height (m)	Angle (°)	Polarization	RBW (Hz)	Meas.Time (s)	Comments	Correction (dB)
3.915 GHz	52.27	74	-21.73	37.7	54	-16.3	2.4	165.8	Vertical	1 M	5	Pass	39.36
3.993 GHz	53.86	74	-20.14	38.12	54	-15.88	2.84	86.1	Vertical	1 M	5	Pass	39.49
7.206 GHz	46.44	74	-27.56	38.67	54	-15.43	1.37	303.4	Vertical	1 M	5	Pass	13.53
12.86 GHz	52.14	74	-21.86	38.67	54	-15.33	1.19	351.7	Vertical	1 M	5	Pass	22.35
16.702 GHz	57.25	74	-16.75	43.93	54	-10.07	3.21	262.6	Vertical	1 M	5	Pass	27.57
17.627 GHz	57.88	74	-16.12	44.4	54	-9.6	1.91	97.6	Vertical	1 M	5	Pass	28.14
17.936 GHz	57.42	74	-16.58	44.09	54	-9.91	3.39	132.3	Vertical	1 M	5	Pass	28.87
18 GHz	58.68	74	-15.32	45.01	54	-8.99	2.96	186.1	Vertical	1 M	5	Pass	28.98

Operating mode	2
Polarization	Horizontal
Verdict	Pass
Instrument settings	Start Frequency: 1 GHz; Stop Frequency: 4 GHz; Step: 250 kHz; Sweep Time: 20 ms/Step; RF Attenuation: Auto; RBW: 1 MHz; VBW: Auto; Preamplifier: ON; Preselector: ON
Instrument settings	Start Frequency: 4 GHz; Stop Frequency: 18 GHz; Step: 250 kHz; Sweep Time: 20 ms/Step; RF Attenuation: Auto; RBW: 1 MHz; VBW: Auto; Preamplifier: OFF; Preselector: ON

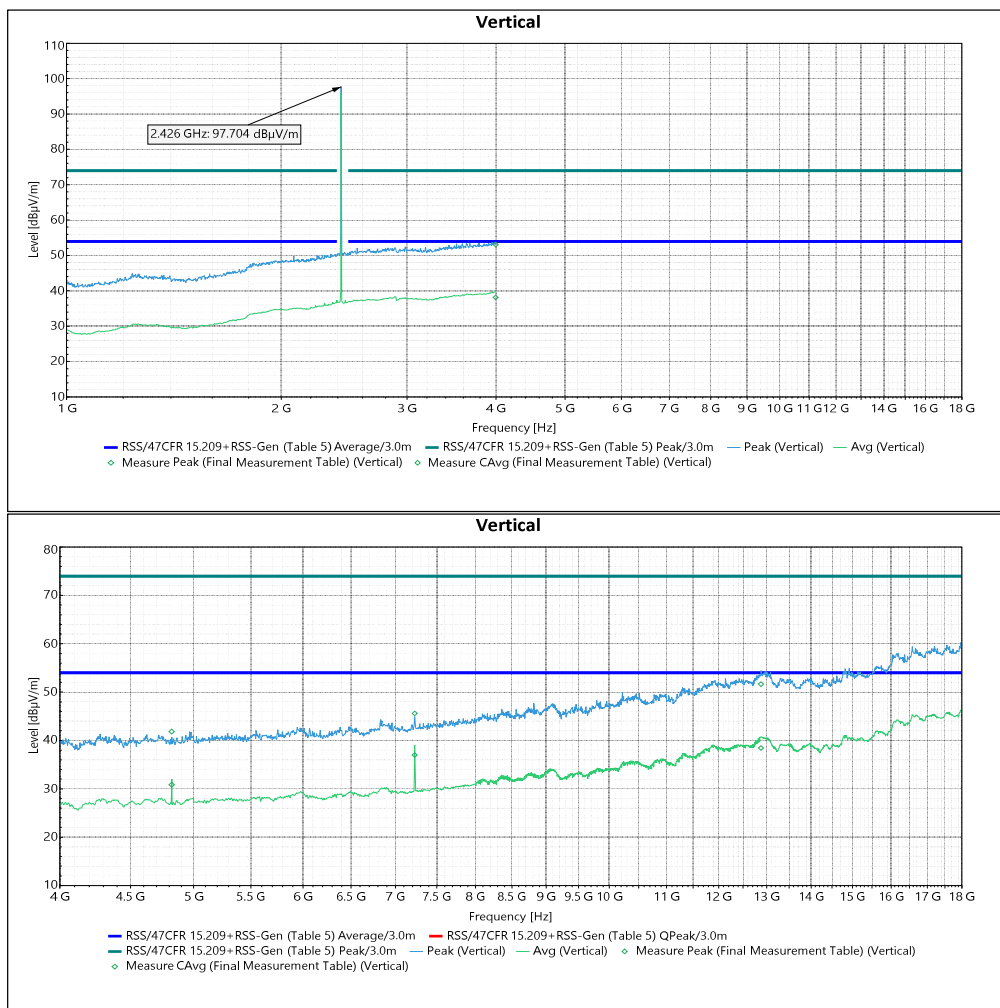


- ☐ The emissions are below the measurement system noise floor or 20 dB or more below the limit
- ☒ Final measurements for emissions that are above -20 dB from the applicable limits are shown below (at least 6 worst frequencies):

Final Measurement Table

Frequency	Measure Peak (dBμV/m)	Limit Peak (dBμV/m)	Margin Peak (dB)	Measure CAvg (dBμV/m)	Limit Avg (dBμV/m)	Margin Avg (dB)	Height (m)	Angle (°)	Polarization	RBW (Hz)	Meas.Time (s)	Comments	Correction (dB)
3.896 GHz	52.89	74	-21.11	37.51	54	-16.49	3.76	349.6	Horizontal	1 M	5	Pass	39.32
3.995 GHz	53.07	74	-20.93	38.13	54	-15.87	1.04	290.2	Horizontal	1 M	5	Pass	39.49
7.23 GHz	49.14	74	-24.86	43.64	54	-10.36	1.2	17	Horizontal	1 M	5	Pass	13.57
12.88 GHz	52.27	74	-21.73	38.4	54	-15.6	1.76	50.1	Horizontal	1 M	5	Pass	22.37
16.608 GHz	57.26	74	-16.74	43.81	54	-10.19	3.46	70.3	Horizontal	1 M	5	Pass	27.28
17.665 GHz	57.7	74	-16.3	43.9	54	-10.1	1.75	34.5	Horizontal	1 M	5	Pass	28.19
17.999 GHz	58.47	74	-15.53	45.16	54	-8.84	3.44	20.4	Horizontal	1 M	5	Pass	28.98
18 GHz	58.98	74	-15.02	45.1	54	-8.9	2.63	43.7	Horizontal	1 M	5	Pass	28.98

Operating mode	2
Used mains voltage/frequency ...	Vertical
Verdict	Pass
Instrument settings	Start Frequency: 1 GHz; Stop Frequency: 4 GHz; Step: 250 kHz; Sweep Time: 20 ms/Step; RF Attenuation: Auto; RBW: 1 MHz; VBW: Auto; Preamplifier: ON; Preselector: ON
Instrument settings	Start Frequency: 4 GHz; Stop Frequency: 18 GHz; Step: 250 kHz; Sweep Time: 20 ms/Step; RF Attenuation: Auto; RBW: 1 MHz; VBW: Auto; Preamplifier: OFF; Preselector: ON

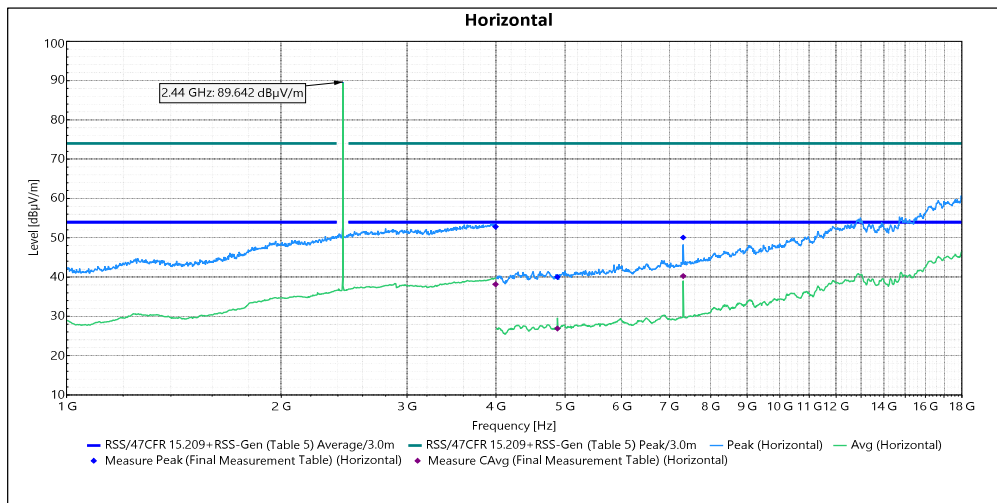


- ☐ The emissions are below the measurement system noise floor or 20 dB or more below the limit
- ☒ Final measurements for emissions that are above -20 dB from the applicable limits are shown below (at least 6 worst frequencies):

Final Measurement Table

Frequency	Measure Peak (dBμV/m)	Limit Peak (dBμV/m)	Margin Peak (dB)	Measure CAvg (dBμV/m)	Limit Avg (dBμV/m)	Margin Avg (dB)	Height (m)	Angle (°)	Polarization	RBW (Hz)	Meas.Time (s)	Comments	Correction (dB)
3.995 GHz	53.08	74	-20.92	38.13	54	-15.87	3.97	195.4	Vertical	1 M	5	Pass	39.49
4.82 GHz	41.84	74	-32.16	30.86	54	-23.14	1.52	28.3	Vertical	1 M	5	Pass	8.84
7.23 GHz	45.59	74	-28.41	36.99	54	-17.01	1.5	86.4	Vertical	1 M	5	Pass	13.57
12.88 GHz	51.66	74	-22.34	38.44	54	-15.56	1.07	83.8	Vertical	1 M	5	Pass	22.37

Operating mode	3
Used mains voltage/frequency ...	Horizontal
Verdict	Pass
Instrument settings	Start Frequency: 1 GHz; Stop Frequency: 4 GHz; Step: 250 kHz; Sweep Time: 20 ms/Step; RF Attenuation: Auto; RBW: 1 MHz; VBW: Auto; Preamplifier: ON; Preselector: ON
Instrument settings	Start Frequency: 4 GHz; Stop Frequency: 18 GHz; Step: 250 kHz; Sweep Time: 20 ms/Step; RF Attenuation: Auto; RBW: 1 MHz; VBW: Auto; Preamplifier: OFF; Preselector: ON

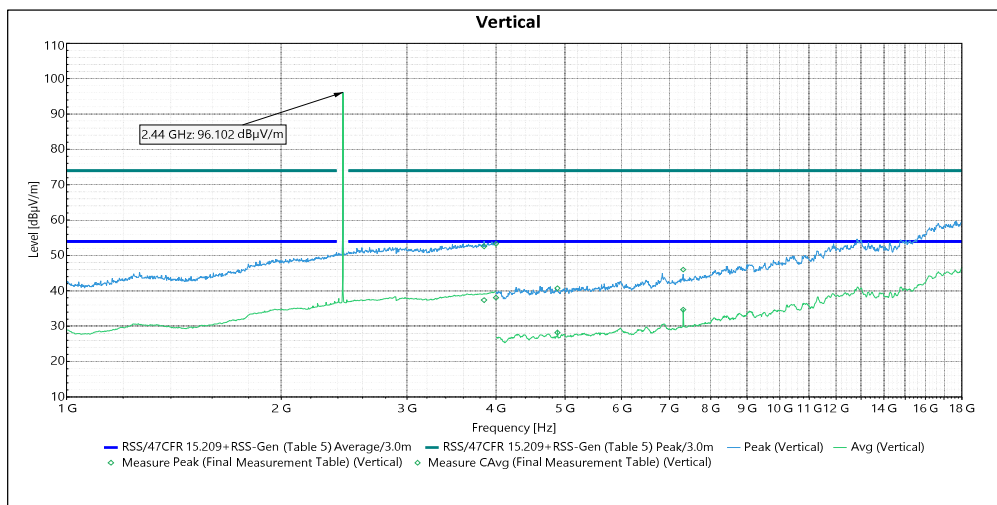


- ☐ The emissions are below the measurement system noise floor or 20 dB or more below the limit
- ☒ Final measurements for emissions that are above -20 dB from the applicable limits are shown below (at least 6 worst frequencies):

Final Measurement Table

Frequency	Measure Peak (dBμV/m)	Limit Peak (dBμV/m)	Margin Peak (dB)	Measure CAvg (dBμV/m)	Limit Avg (dBμV/m)	Margin Avg (dB)	Height (m)	Angle (°)	Polarization	RBW (Hz)	Meas.Time (s)	Comments	Correction (dB)
3.994 GHz	52.9	74	-21.2	38.14	54	-15.86	2.8	99.9	Horizontal	1 M	5	Pass	39.49
4.88 GHz	40	74	-34	26.89	54	-27.11	1.81	17.3	Horizontal	1 M	5	Pass	8.97
7.321 GHz	50.07	74	-23.93	40.25	54	-13.75	1.57	45.3	Horizontal	1 M	5	Pass	13.76

Operating mode	3
Used mains voltage/frequency ...	Vertical
Verdict	Pass
Instrument settings	Start Frequency: 1 GHz; Stop Frequency: 4 GHz; Step: 250 kHz; Sweep Time: 20 ms/Step; RF Attenuation: Auto; RBW: 1 MHz; VBW: Auto; Preamplifier: ON; Preselector: ON
Instrument settings	Start Frequency: 4 GHz; Stop Frequency: 18 GHz; Step: 250 kHz; Sweep Time: 5 ms/Step; RF Attenuation: Auto; RBW: 1 MHz; VBW: Auto; Preamplifier: OFF; Preselector: ON

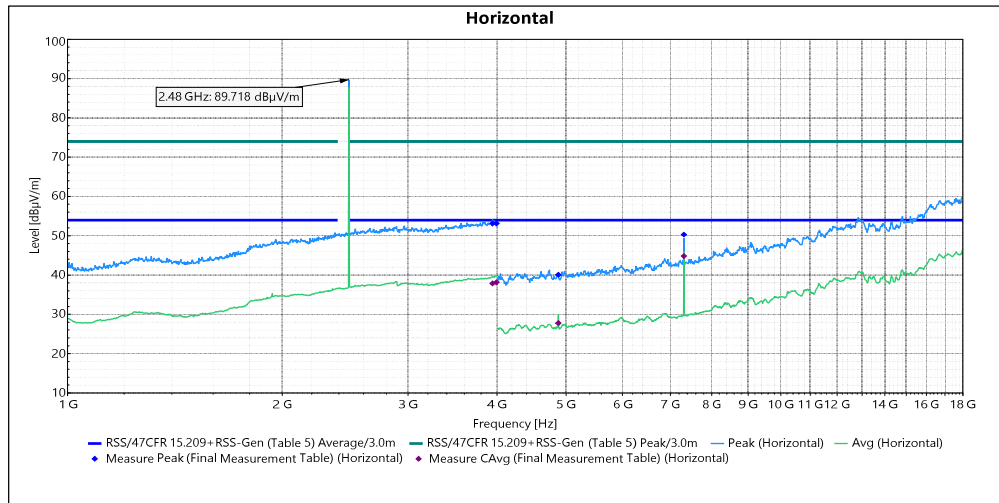


- ☐ The emissions are below the measurement system noise floor or 20 dB or more below the limit
- ☒ Final measurements for emissions that are above -20 dB from the applicable limits are shown below (at least 6 worst frequencies):

Final Measurement Table

Frequency	Measure Peak (dBμV/m)	Limit Peak (dBμV/m)	Margin Peak (dB)	Measure CAvg (dBμV/m)	Limit Avg (dBμV/m)	Margin Avg (dB)	Height (m)	Angle (°)	Polarization	RBW (Hz)	Meas.Time (s)	Comments	Correction (dB)
3.849 GHz	52.59	74	-21.41	37.38	54	-16.62	1.05	115.3	Vertical	1 M	5	Pass	39.15
3.999 GHz	53.3	74	-20.7	38.09	54	-15.91	1.86	339.8	Vertical	1 M	5	Pass	39.5
4.88 GHz	40.72	74	-33.28	28.2	54	-25.8	2.23	30.3	Vertical	1 M	5	Pass	8.97
7.321 GHz	46.01	74	-27.99	34.68	54	-19.32	1.15	279.1	Vertical	1 M	5	Pass	13.76

Operating mode	4
Used mains voltage/frequency ...	Horizontal
Verdict	Pass
Instrument settings	Start Frequency: 1 GHz; Stop Frequency: 4 GHz; Step: 250 kHz; Sweep Time: 20 ms/Step; RF Attenuation: Auto; RBW: 1 MHz; VBW: Auto; Preamplifier: ON; Preselector: ON
Instrument settings	Start Frequency: 4 GHz; Stop Frequency: 18 GHz; Step: 250 kHz; Sweep Time: 5 ms/Step; RF Attenuation: Auto; RBW: 1 MHz; VBW: Auto; Preamplifier: OFF; Preselector: ON

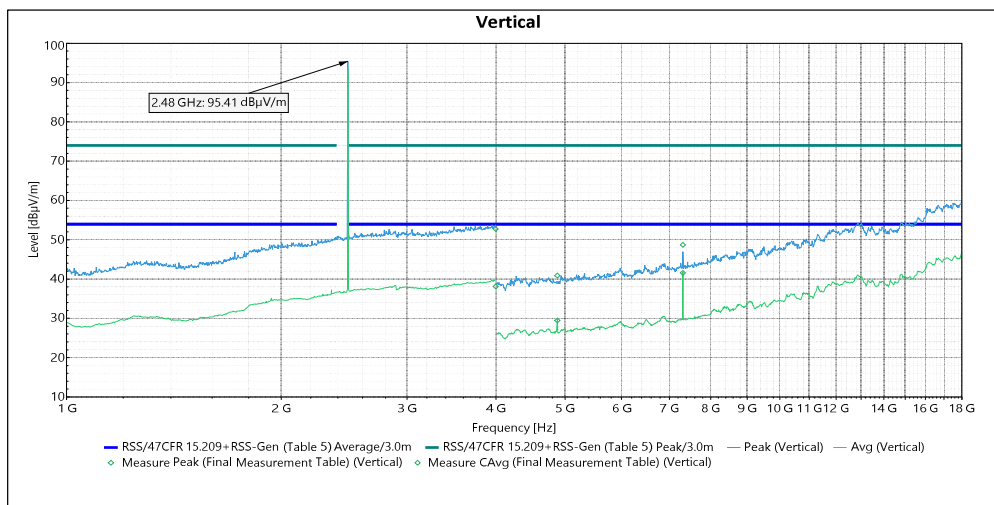


- ☐ The emissions are below the measurement system noise floor or 20 dB or more below the limit
- ☒ Final measurements for emissions that are above -20 dB from the applicable limits are shown below (at least 6 worst frequencies):

Final Measurement Table

Frequency	Measure Peak (dBμV/m)	Limit Peak (dBμV/m)	Margin Peak (dB)	Measure CAvg (dBμV/m)	Limit Avg (dBμV/m)	Margin Avg (dB)	Height (m)	Angle (°)	Polarization	RBW (Hz)	Meas.Time (s)	Comments	Correction (dB)
3.942 GHz	53.14	74	-20.86	37.87	54	-16.13	3.66	15.2	Horizontal	1 M	5	Pass	39.42
3.994 GHz	53.12	74	-20.88	38.13	54	-15.87	1.95	253.1	Horizontal	1 M	5	Pass	39.49
4.876 GHz	40.06	74	-33.94	27.76	54	-26.24	2.17	132.5	Horizontal	1 M	5	Pass	8.96
7.314 GHz	50.3	74	-23.7	44.82	54	-9.18	1.42	32.6	Horizontal	1 M	5	Pass	13.74

Operating mode	4
Used mains voltage/frequency ...	Vertical
Verdict	Pass
Instrument settings	Start Frequency: 1 GHz; Stop Frequency: 4 GHz; Step: 250 kHz; Sweep Time: 20 ms/Step; RF Attenuation: Auto; RBW: 1 MHz; VBW: Auto; Preamplifier: ON; Preselector: ON
Instrument settings	Start Frequency: 4 GHz; Stop Frequency: 18 GHz; Step: 250 kHz; Sweep Time: 5 ms/Step; RF Attenuation: Auto; RBW: 1 MHz; VBW: Auto; Preamplifier: OFF; Preselector: ON

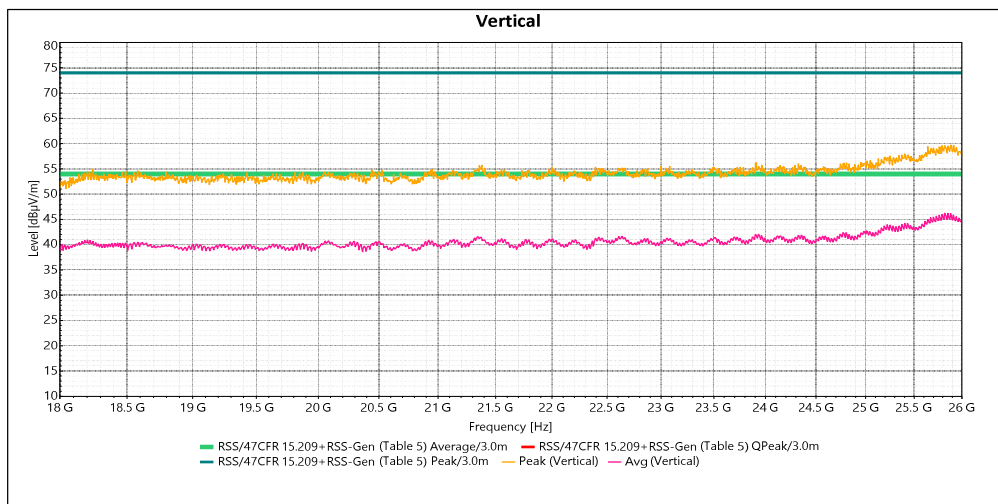
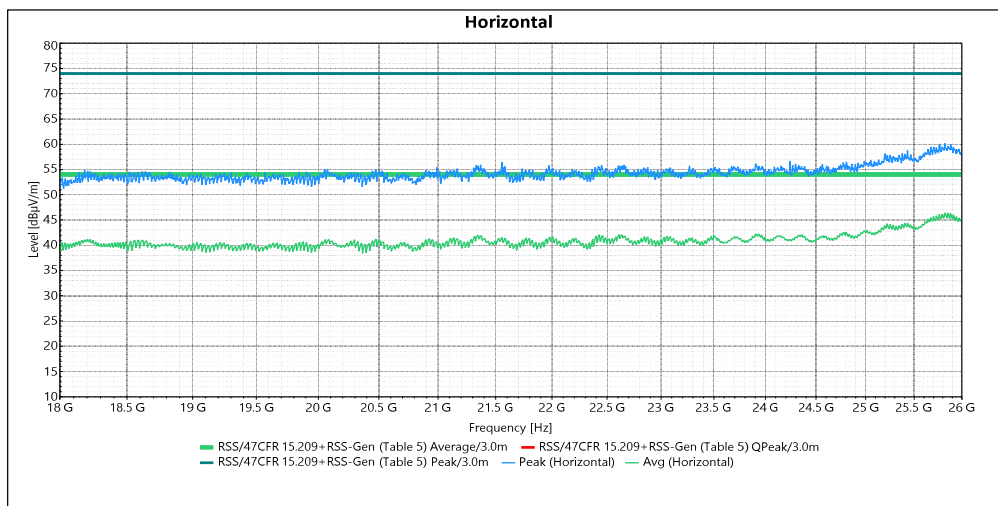


- ☐ The emissions are below the measurement system noise floor or 20 dB or more below the limit
- ☒ Final measurements for emissions that are above -20 dB from the applicable limits are shown below (at least 6 worst frequencies):

Final Measurement Table

Frequency	Measure Peak (dBμV/m)	Limit Peak (dBμV/m)	Margin Peak (dB)	Measure CAvg (dBμV/m)	Limit Avg (dBμV/m)	Margin Avg (dB)	Height (m)	Angle (°)	Polarization	RBW (Hz)	Meas.Time (s)	Comments	Correction (dB)
3.997 GHz	52.76	74	-21.24	38.12	54	-15.88	2.99	269.1	Vertical	1 M	5	Pass	39.5
4.876 GHz	40.87	74	-33.13	29.45	54	-24.55	2.24	26.8	Vertical	1 M	5	Pass	8.96
7.314 GHz	48.71	74	-25.29	41.56	54	-12.44	2.18	56.6	Vertical	1 M	5	Pass	13.74

Operating mode.....	1
Verdict.....	Pass
Instrument settings	Start Frequency: 18 GHz; Stop Frequency: 26 GHz; Step: 250 kHz; Sweep Time: 20 ms/Step; RF Attenuation: Auto; RBW: 1 MHz; VBW: Auto; Preamplifier: OFF; Preselector: ON
Instrument settings	Start Frequency: 18 GHz; Stop Frequency: 26 GHz; Step: 250 kHz; Sweep Time: 20 ms/Step; RF Attenuation: Auto; RBW: 1 MHz; VBW: Auto; Preamplifier: OFF; Preselector: ON

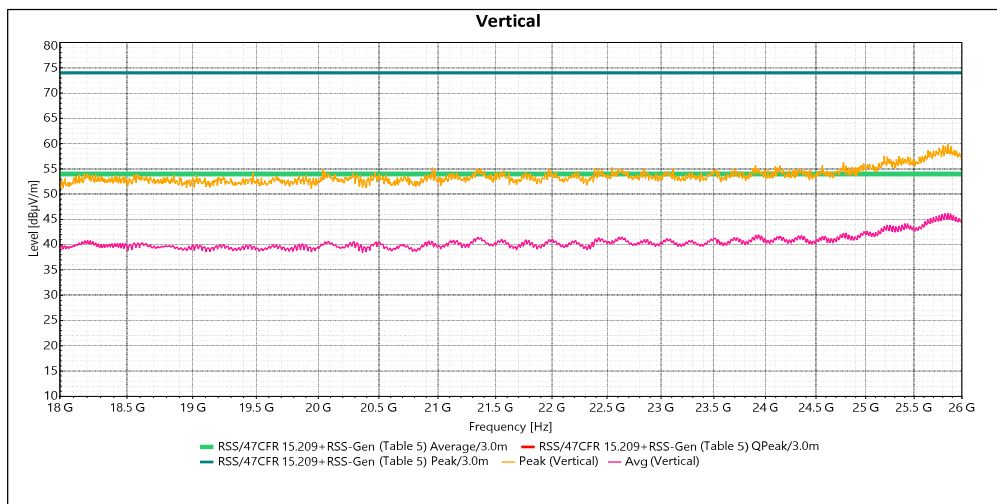
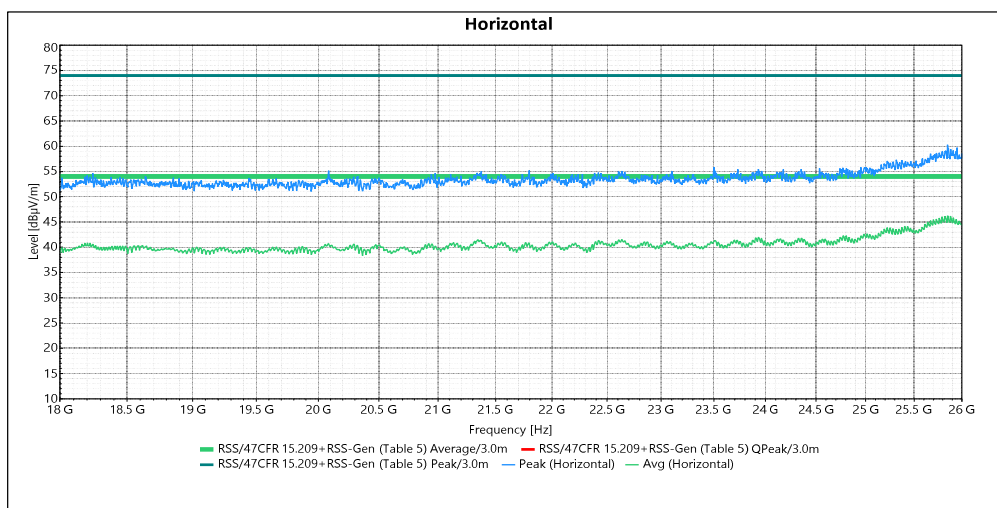


- ☐ The emissions are below the measurement system noise floor or 20 dB or more below the limit
- ☒ Final measurements for emissions that are above -20 dB from the applicable limits are shown below (at least 6 worst frequencies):

Final Measurement Table

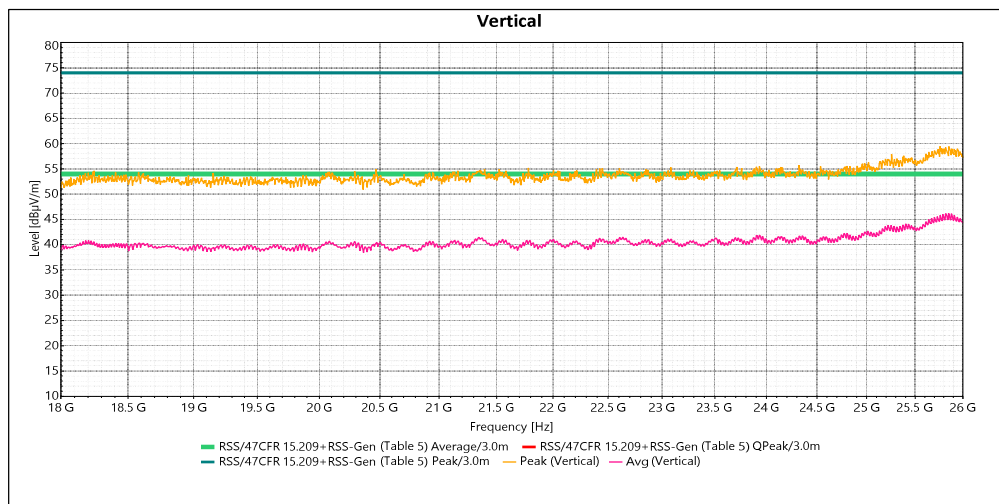
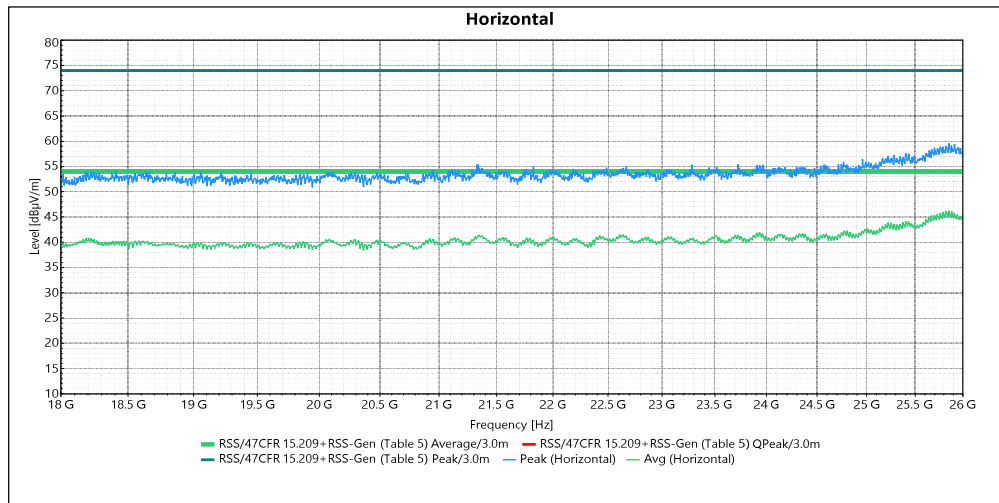
Frequency	Measure Peak (dBμV/m)	Limit Peak (dBμV/m)	Margin Peak (dB)	Measure CAvg (dBμV/m)	Limit Avg (dBμV/m)	Margin Avg (dB)	Height (m)	Angle (°)	Polarization	RBW (Hz)	Meas.Time (s)	Comments	Correction (dB)
18.204 GHz	52.98	74	-21.02	40.05	54	-13.95	1.64	24.6	Horizontal	1 M	5	Pass	16.26
18.205 GHz	53.22	74	-20.78	39.97	54	-14.03	2.02	53.9	Vertical	1 M	5	Pass	16.26
21.344 GHz	54.57	74	-19.43	41.13	54	-12.87	1.03	44	Vertical	1 M	5	Pass	15.66

Operating mode	2
Verdict	Pass
Instrument settings	Start Frequency: 18 GHz; Stop Frequency: 26 GHz; Step: 250 kHz; Sweep Time: 20 ms/Step; RF Attenuation: Auto; RBW: 1 MHz; VBW: Auto; Preamplifier: OFF; Preselector: ON
Instrument settings	Start Frequency: 18 GHz; Stop Frequency: 26 GHz; Step: 250 kHz; Sweep Time: 20 ms/Step; RF Attenuation: Auto; RBW: 1 MHz; VBW: Auto; Preamplifier: OFF; Preselector: ON



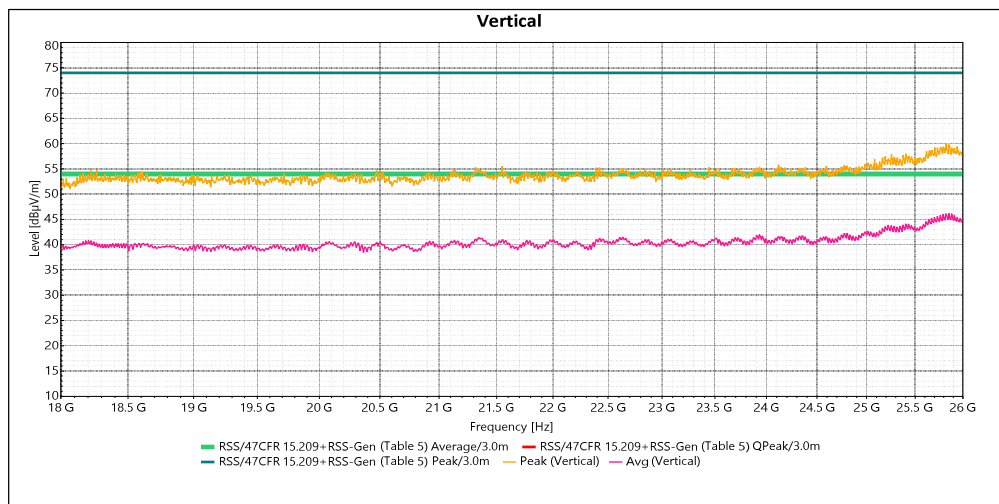
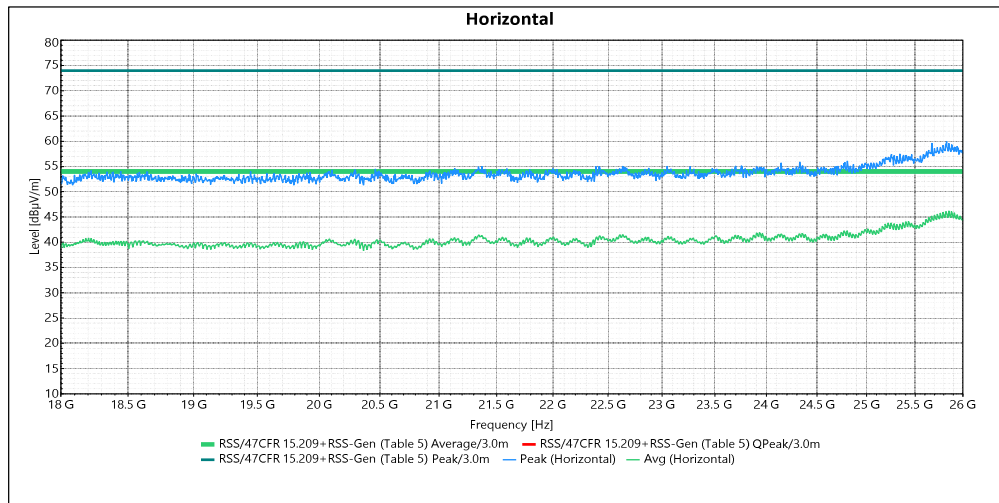
- ☒ The emissions are below the measurement system noise floor or 20 dB or more below the limit
- ☐ Final measurements for emissions that are above -20 dB from the applicable limits are shown below (at least 6 worst frequencies):

Operating mode	3
Verdict	Pass
Instrument settings	Start Frequency: 18 GHz; Stop Frequency: 26 GHz; Step: 250 kHz; Sweep Time: 20 ms/Step; RF Attenuation: Auto; RBW: 1 MHz; VBW: Auto; Preamplifier: OFF; Preselector: ON
Instrument settings	Start Frequency: 18 GHz; Stop Frequency: 26 GHz; Step: 250 kHz; Sweep Time: 20 ms/Step; RF Attenuation: Auto; RBW: 1 MHz; VBW: Auto; Preamplifier: OFF; Preselector: ON



- ☒ The emissions are below the measurement system noise floor or 20 dB or more below the limit
- ☐ Final measurements for emissions that are above -20 dB from the applicable limits are shown below (at least 6 worst frequencies):

Operating mode	4
Verdict	Pass
Instrument settings	Start Frequency: 18 GHz; Stop Frequency: 26 GHz; Step: 250 kHz; Sweep Time: 20 ms/Step; RF Attenuation: Auto; RBW: 1 MHz; VBW: Auto; Preamplifier: OFF; Preselector: ON
Instrument settings	Start Frequency: 18 GHz; Stop Frequency: 26 GHz; Step: 250 kHz; Sweep Time: 20 ms/Step; RF Attenuation: Auto; RBW: 1 MHz; VBW: Auto; Preamplifier: OFF; Preselector: ON



- ☒ The emissions are below the measurement system noise floor or 20 dB or more below the limit
- ☐ Final measurements for emissions that are above -20 dB from the applicable limits are shown below (at least 6 worst frequencies):

6.8 Transmitter Band Edge Radiated Emission and restricted band evaluation

Tested by:	Matteo Borghesi
Test date:	2025-02-25
Test location (stand):	Area 8: SAC 3-1.2 (RF emission)
Ambient temperature:	23 °C
Relative humidity:	43 %
Atmospheric pressure:	997 mbar
FCC Reference:	Parts 15.247(d) & 15.209(a)
ISED Canada Reference:	RSS-Gen 6.13 / RSS-247 5.5
Test Method Used	KDB 558074 Section 8.7 referencing ANSI C63.10 Sections 11.11, 11.12
Used mains voltage/frequency:	120 V, 60 Hz
Supplementary information:	---

Results:

Operating mode	1
Verdict	Pass
Instrument settings	Start Frequency: 2.39 GHz; Stop Frequency: 2.45 GHz; Step: 20000 Pts; Sweep Time: 1 s; RF Attenuation: 10 dB; RBW: 100 kHz; VBW: 300 kHz; Preamplifier: ON; Preselector: ON
Instrument settings	Start Frequency: 2.39 GHz; Stop Frequency: 2.45 GHz; Step: 20000 Pts; Sweep Time: 1 s; RF Attenuation: 10 dB; RBW: 100 kHz; VBW: 300 kHz; Preamplifier: ON; Preselector: ON

