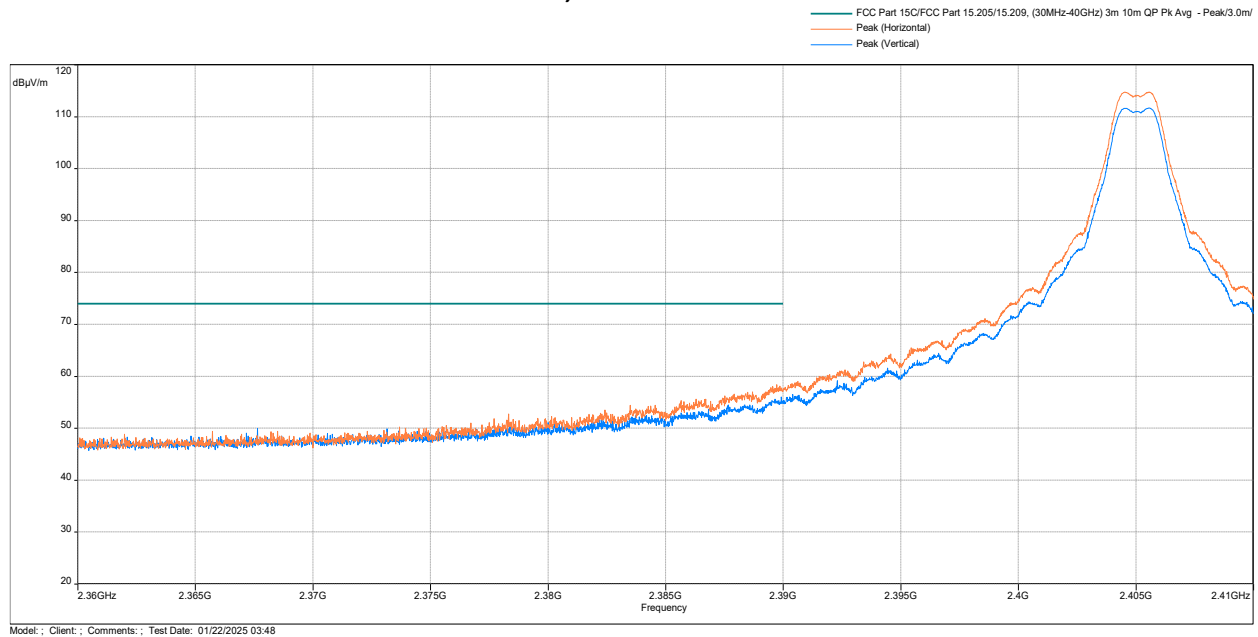
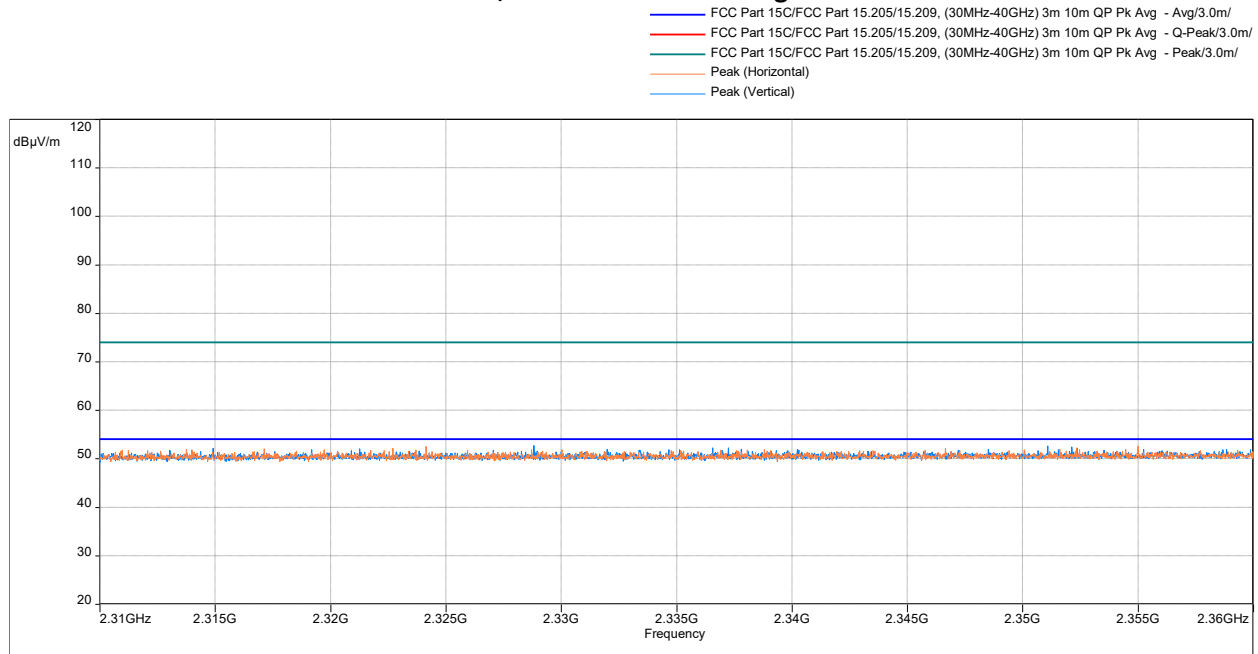


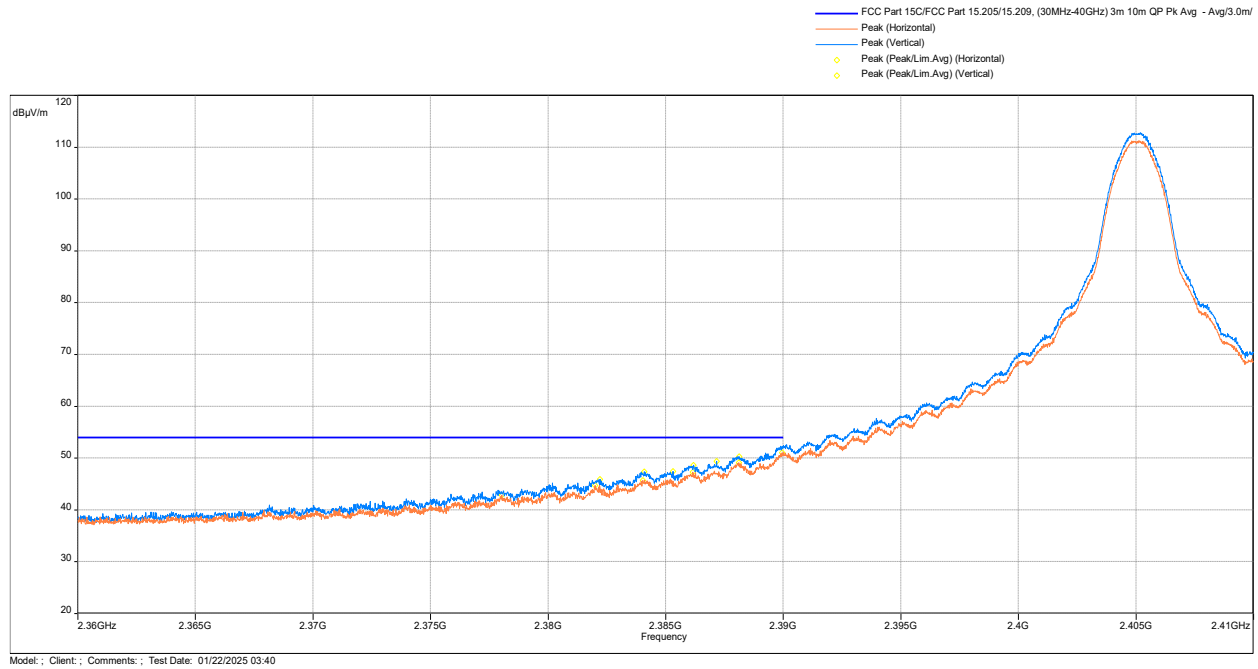
Secondary Antenna
Out-of-Band Radiated spurious emissions at the Band-edge @3m distance
2360–2390 MHz, Peak Scan with Peak Limit



Out-of-Band Radiated spurious emissions at the Band-edge @3m distance
2310–2360 MHz, Peak Scan with Average & Peak Limit

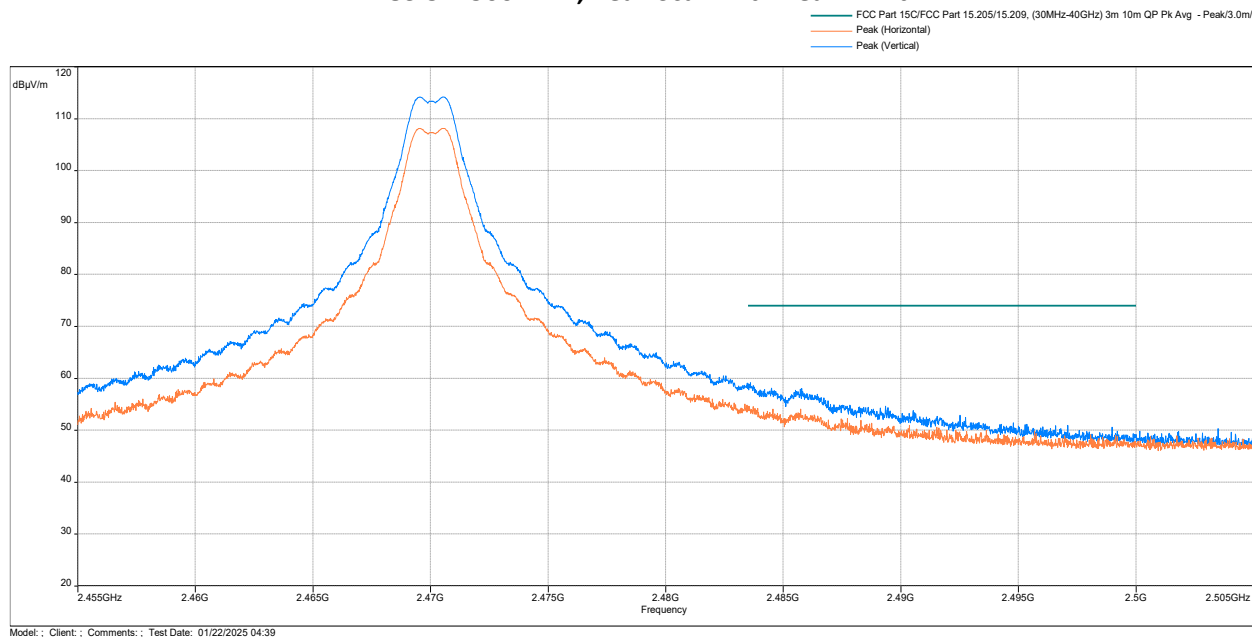


Secondary Antenna
Out-of-Band Radiated spurious emissions at the Band-edge @3m distance
2360–2390 MHz, Average Scan with Average Limit

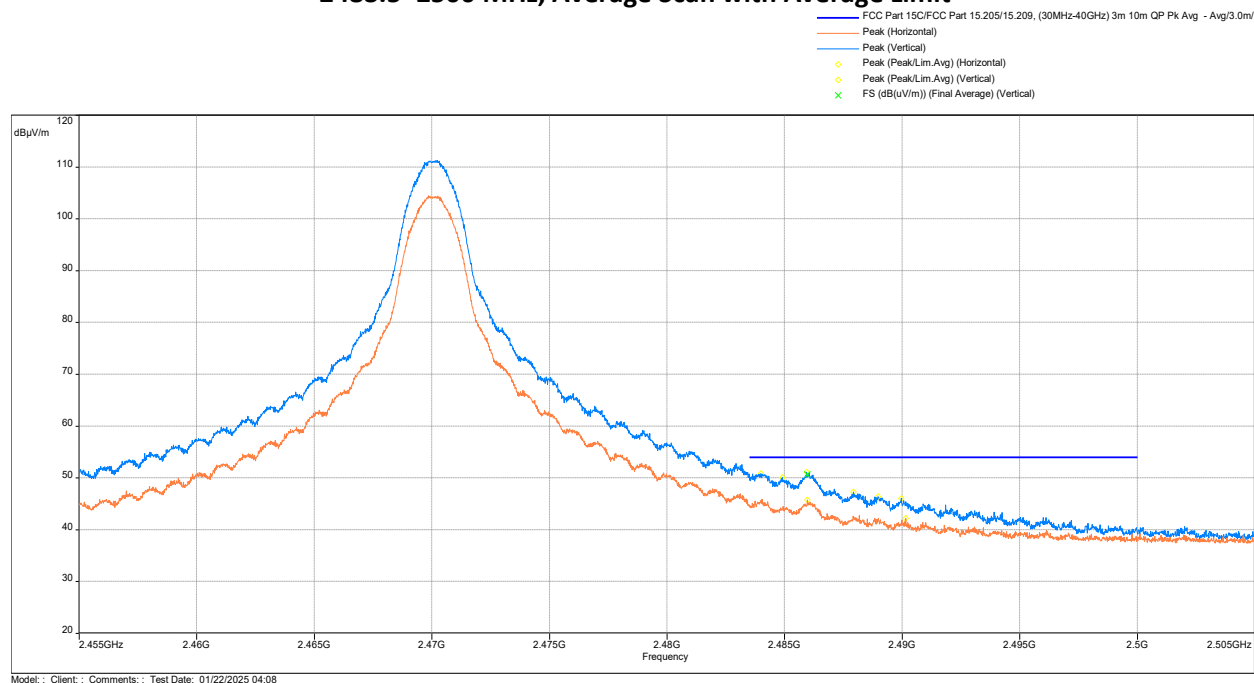


Frequency (MHz)	FS (dB(uV/m))	Ave Limit (dB(uV/m))	Ave Margin (dB)	Azimuth (deg)	Height (m)	Polarity	Peak Reading (dBuV)	RA (dBuV)	Correction (dB)
2390	50.93	54	-3.07	317.75	1.04	Vertical	60.37	29.02	21.91

Secondary Antenna
Out-of-Band Radiated spurious emissions at the Band-edge @3m distance
2483.5–2500 MHz, Peak Scan with Peak Limit



Secondary Antenna
Out-of-Band Radiated spurious emissions at the Band-edge @3m distance
2483.5–2500 MHz, Average Scan with Average Limit



Frequency (MHz)	FS (dB(uV/m))	Ave Limit (dB(uV/m))	Ave Margin (dB)	Azimuth (deg)	Height (m)	Polarity	Peak Reading (dBUV)	RA (dBUV)	Correction (dB)
2485.966	50.64	54	-3.36	317.25	1	Vertical	58.66	28.7	21.94

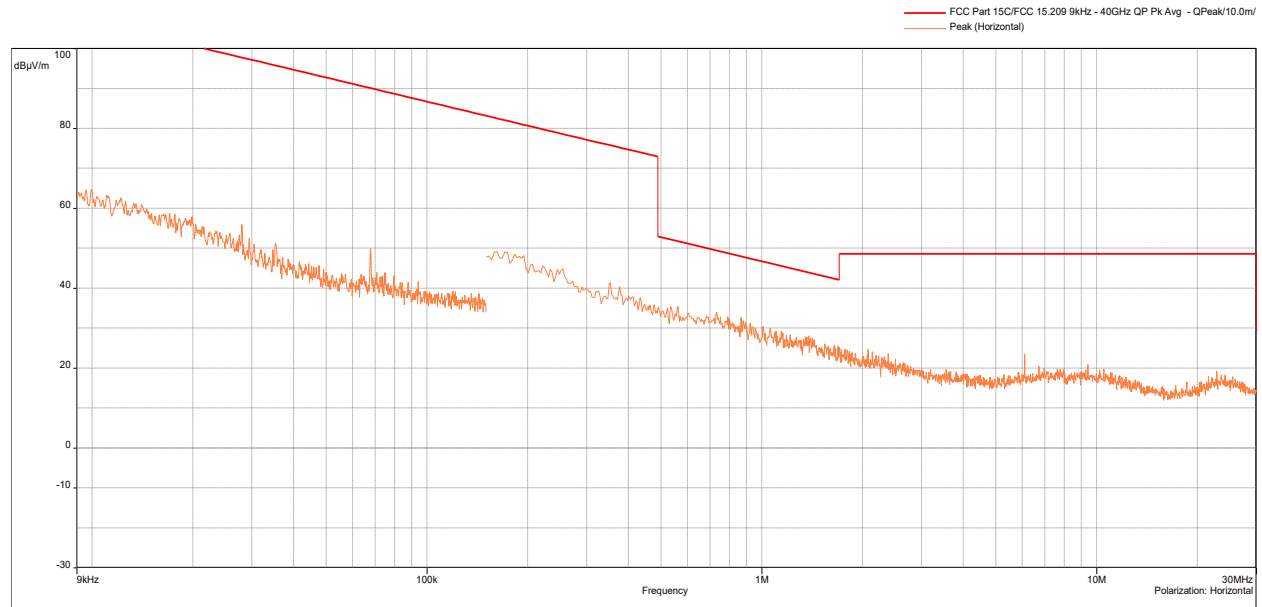
Results

Complies

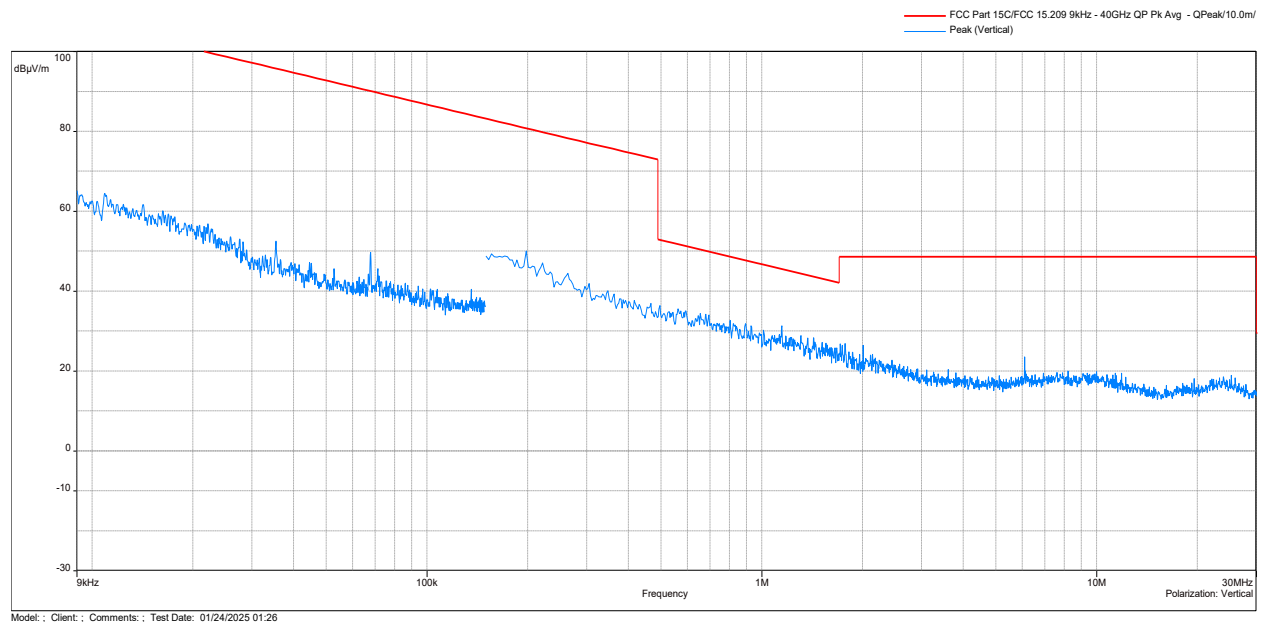
Primary Antenna
Out-of-Band Radiated Spurious Emissions

Test Results: 15.209 Radiated Spurious Emissions Low Channel, Tx at 2405MHz

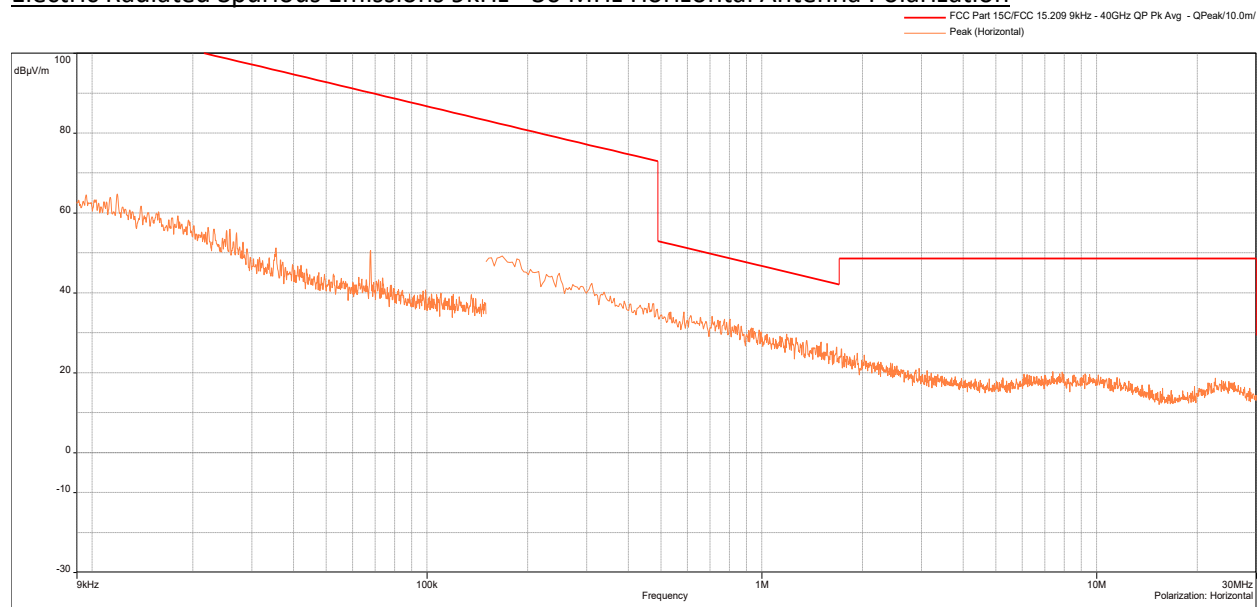
Electric Radiated Spurious Emissions 9kHz - 30 MHz Parallel Antenna Polarization



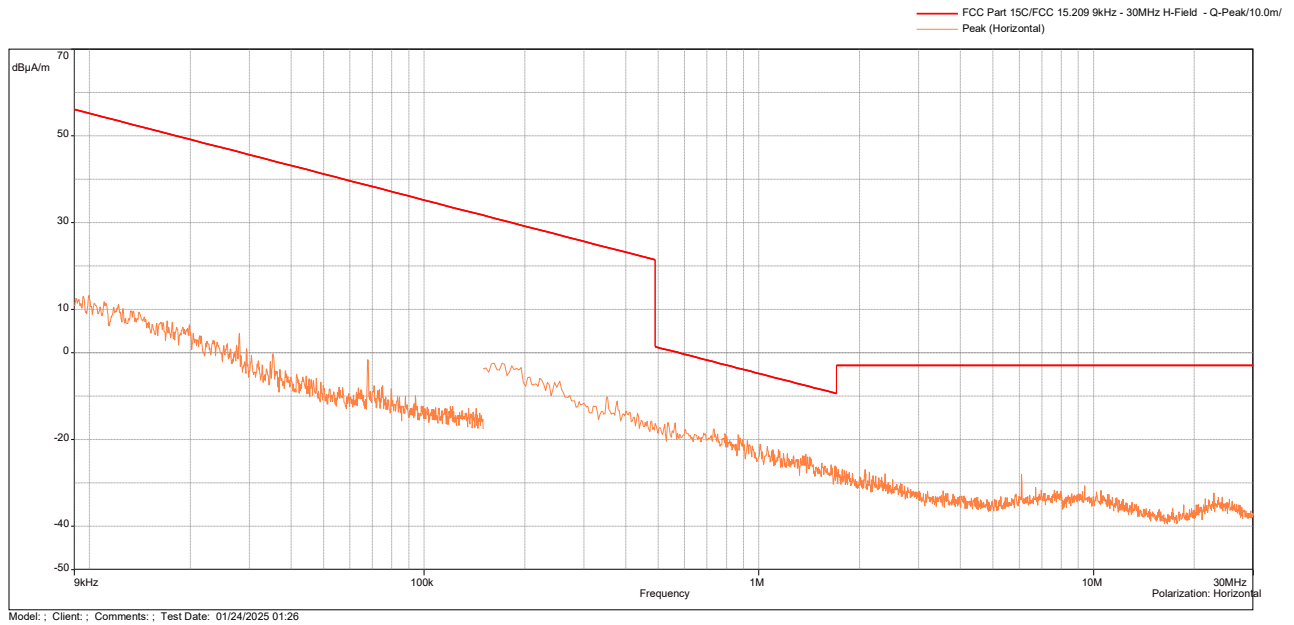
Electric Radiated Spurious Emissions 9kHz - 30 MHz Perpendicular Antenna Polarization



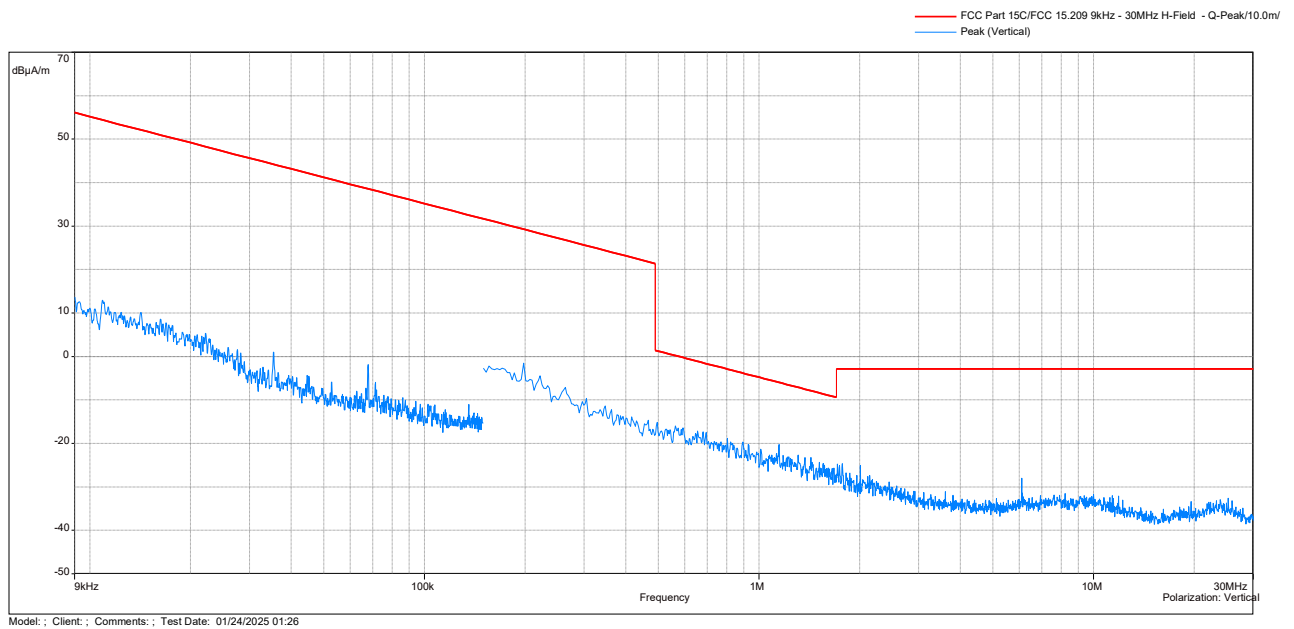
Electric Radiated Spurious Emissions 9kHz - 30 MHz Horizontal Antenna Polarization



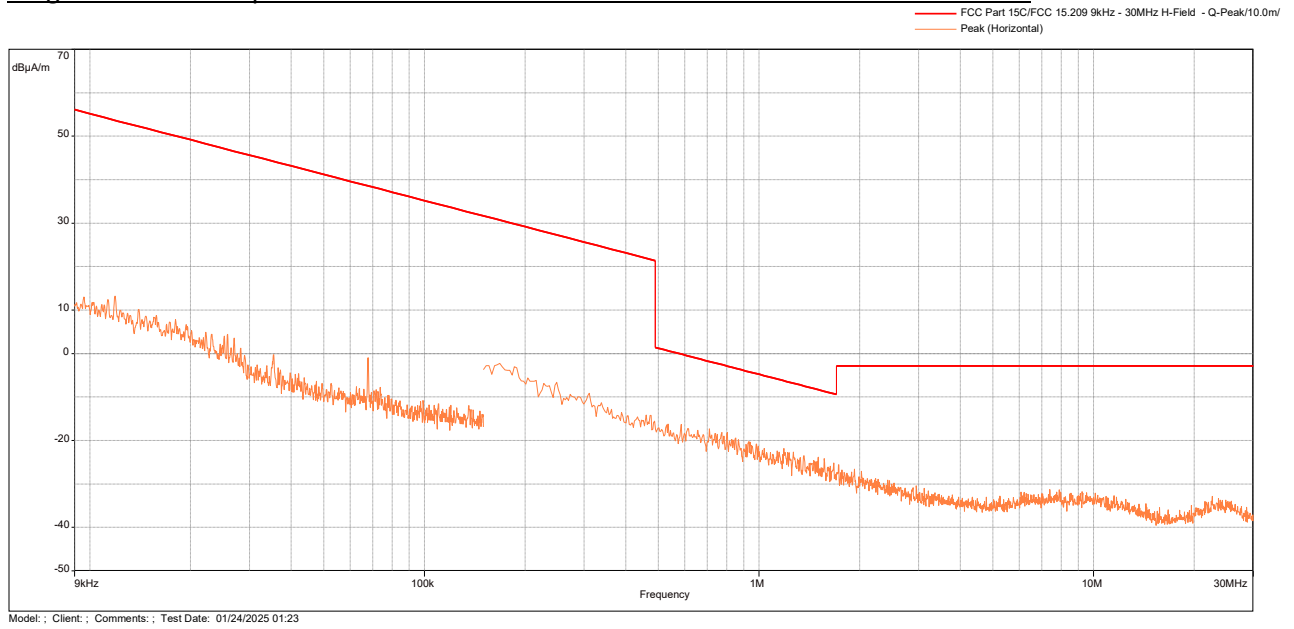
Magnetic Radiated Spurious Emissions 9kHz - 30 MHz Parallel Antenna Polarization



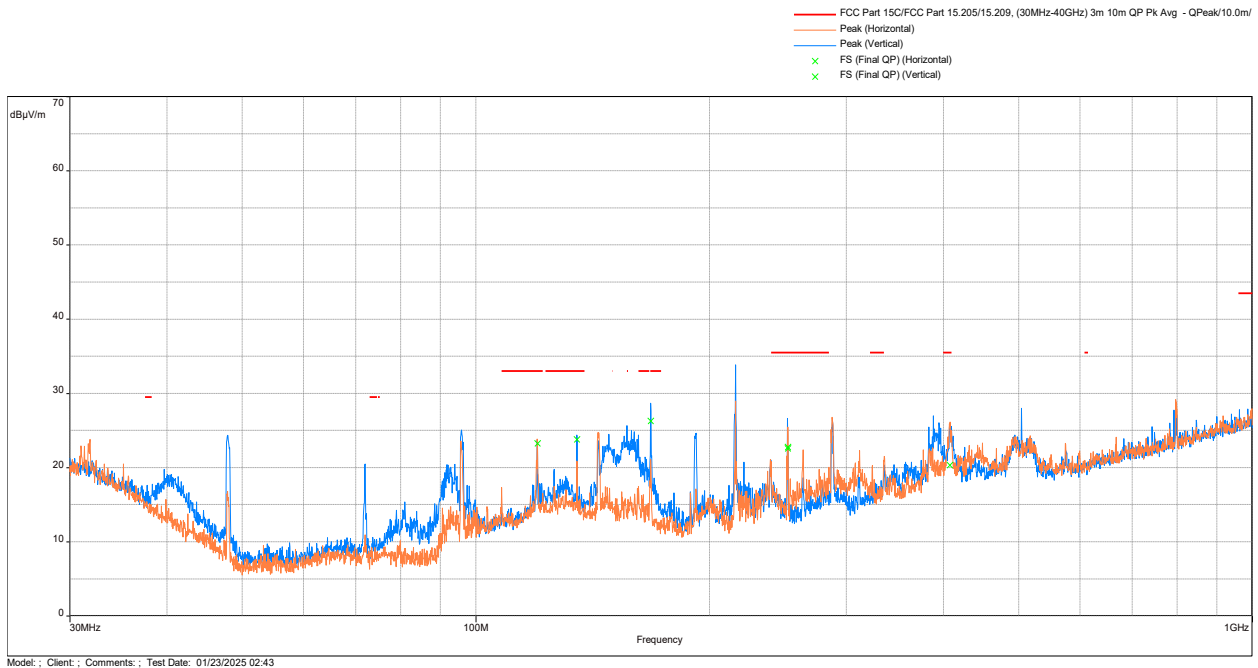
Magnetic Radiated Spurious Emissions 9kHz - 30 MHz Perpendicular Antenna Polarization



Magnetic Radiated Spurious Emissions 9kHz - 30 MHz Horizontal Antenna Polarization

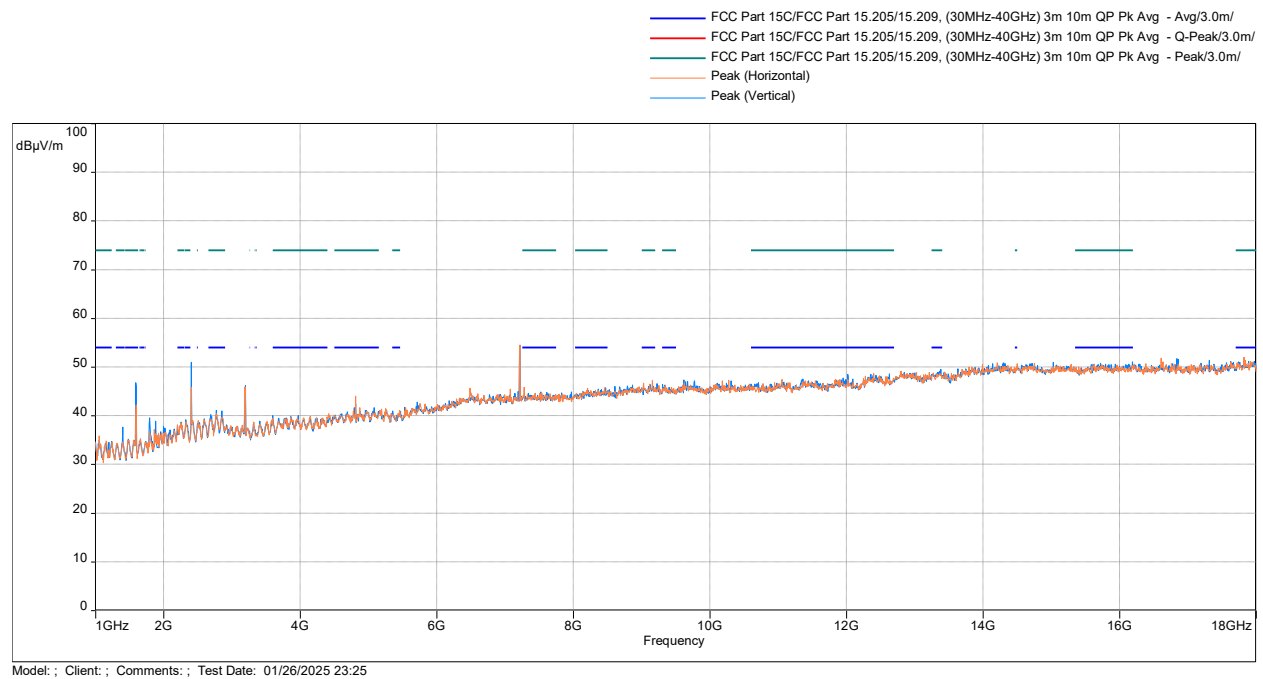


Radiated Spurious Emissions 30 MHz - 1000 MHz

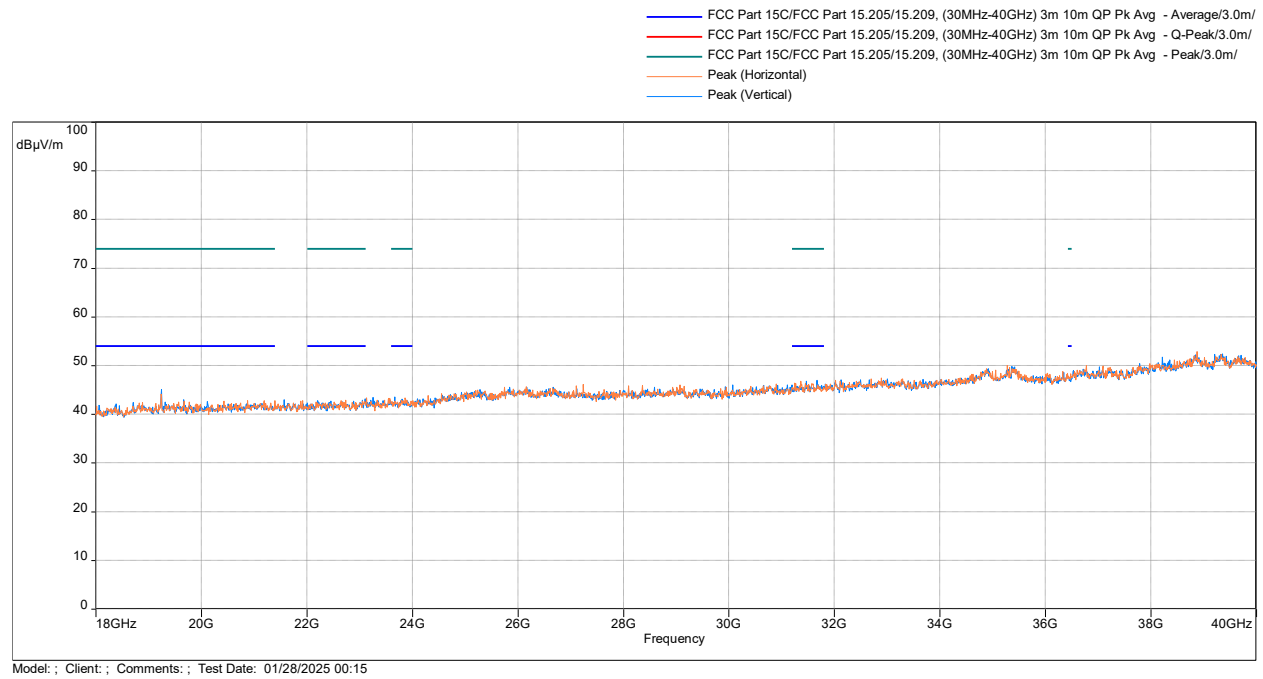


Frequency (MHz)	FS (dBμV/m)	Limit (dB(uV/m))	Margin (dB)	Azimuth (deg)	Height (m)	Polarity	RA (dBuV)	Correction (dB)
120.0013	23.28	33	-9.72	221	3.77	Horizontal	36.08	-12.79
134.9959	23.81	33	-9.19	160.5	1	Vertical	36.43	-12.62
168.0035	26.27	33	-6.73	74	1.53	Vertical	40.83	-14.56
252.2019	22.77	35.5	-12.73	210.25	3.41	Horizontal	37.07	-14.3
252.2629	22.59	35.5	-12.91	333	1.43	Vertical	36.88	-14.3
407.7978	20.33	35.5	-15.17	214.25	1	Vertical	30.05	-9.71

Radiated Spurious Emissions 1000 - 18000 MHz, Peak Scan vs Peak & Average Limit



Radiated Spurious Emissions 18 – 40 GHz, Peak Scan vs Peak & Average Limit

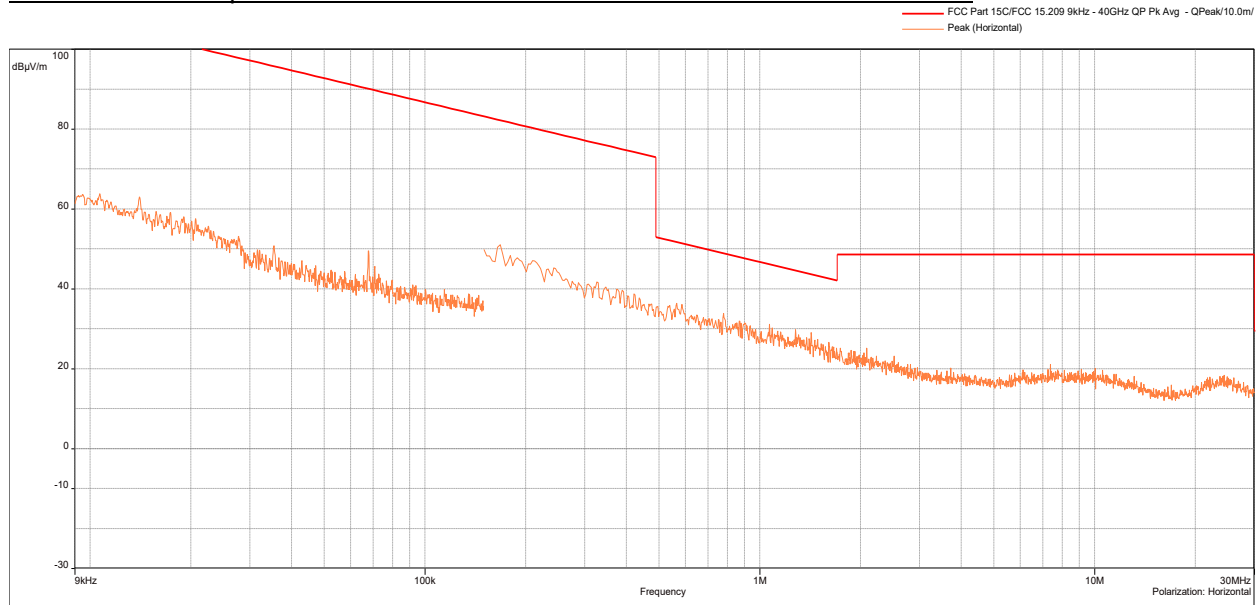


Results

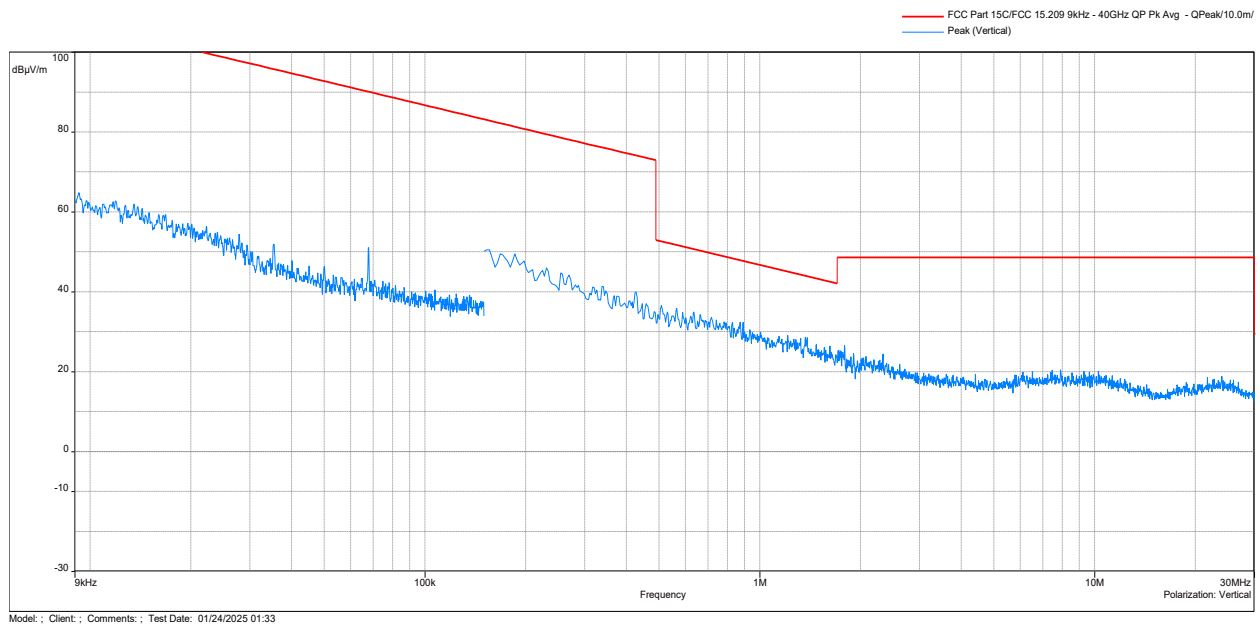
Complies

Test Results: 15.209 Radiated Spurious Emissions Mid Channel, Tx at 2440 MHz

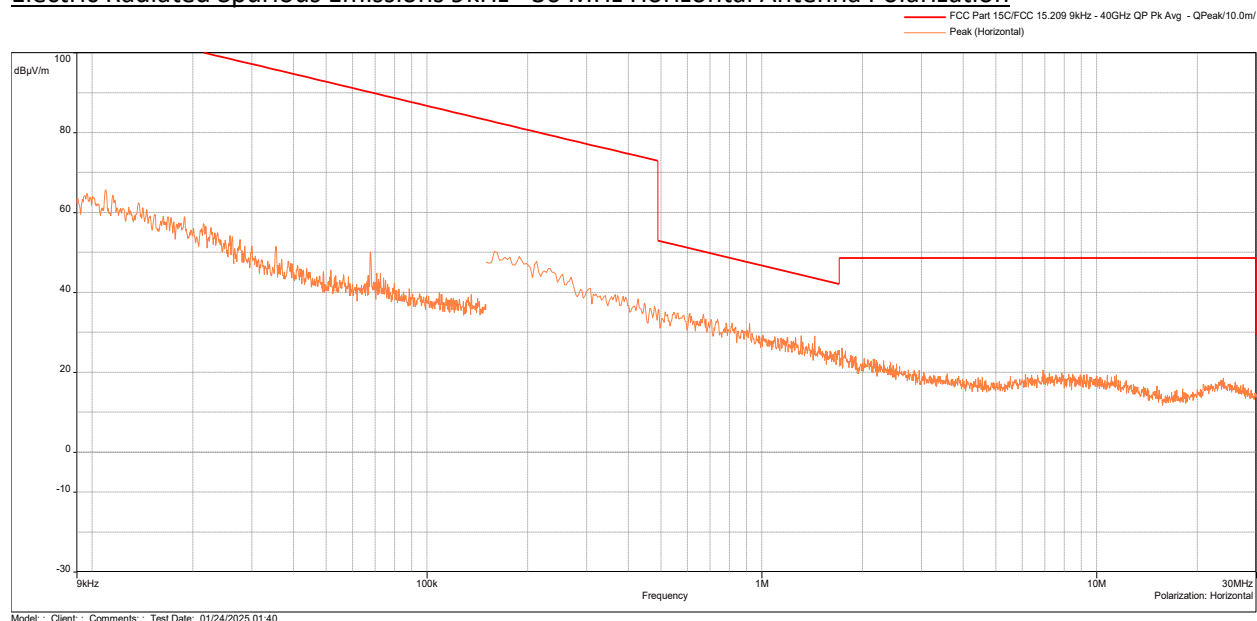
Electric Radiated Spurious Emissions 9kHz - 30 MHz Parallel Antenna Polarization



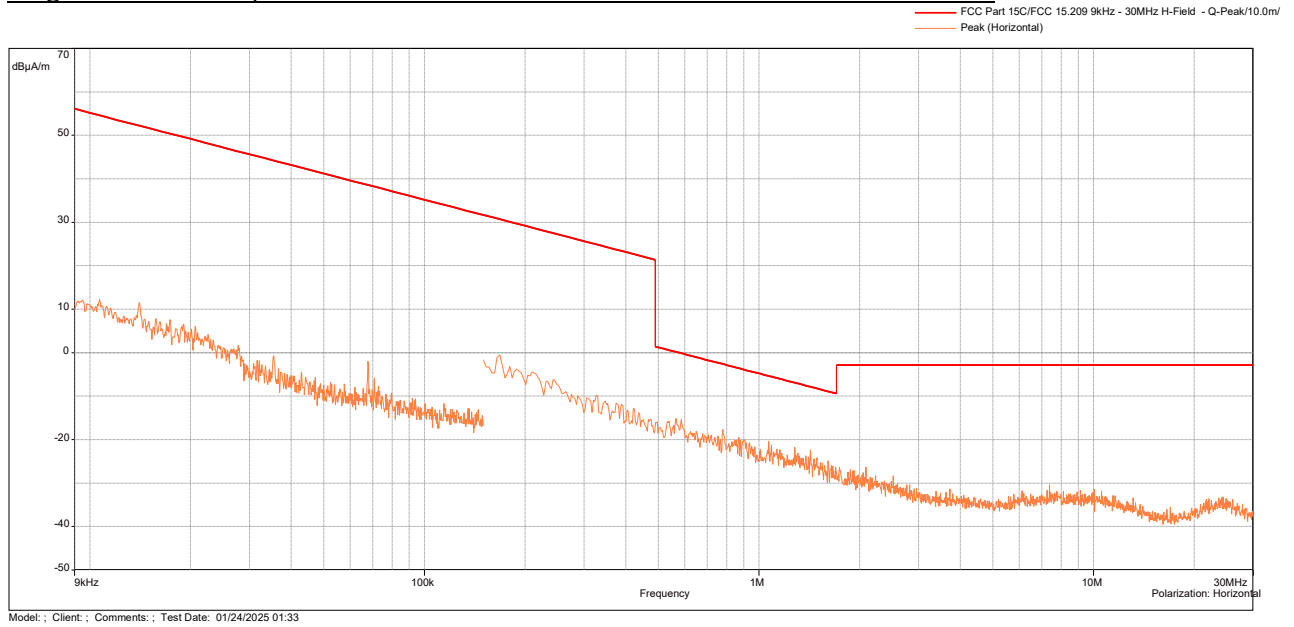
Electric Radiated Spurious Emissions 9kHz - 30 MHz Perpendicular Antenna Polarization



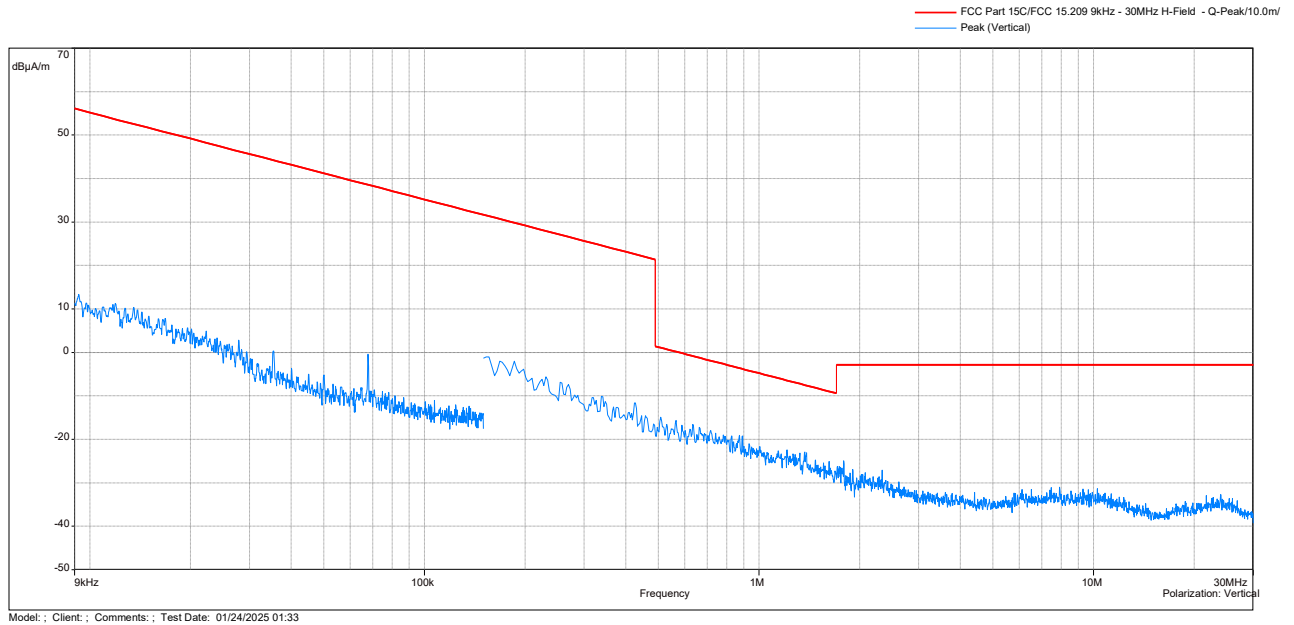
Electric Radiated Spurious Emissions 9kHz - 30 MHz Horizontal Antenna Polarization



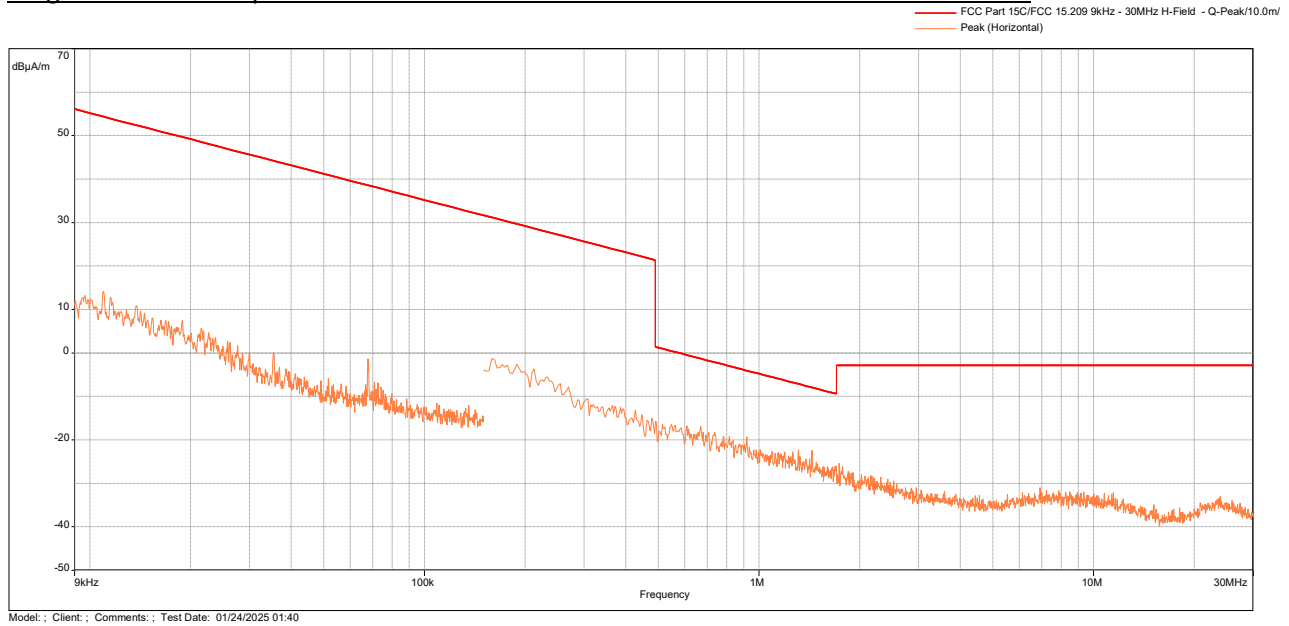
Magnetic Radiated Spurious Emissions 9kHz - 30 MHz Parallel Antenna Polarization



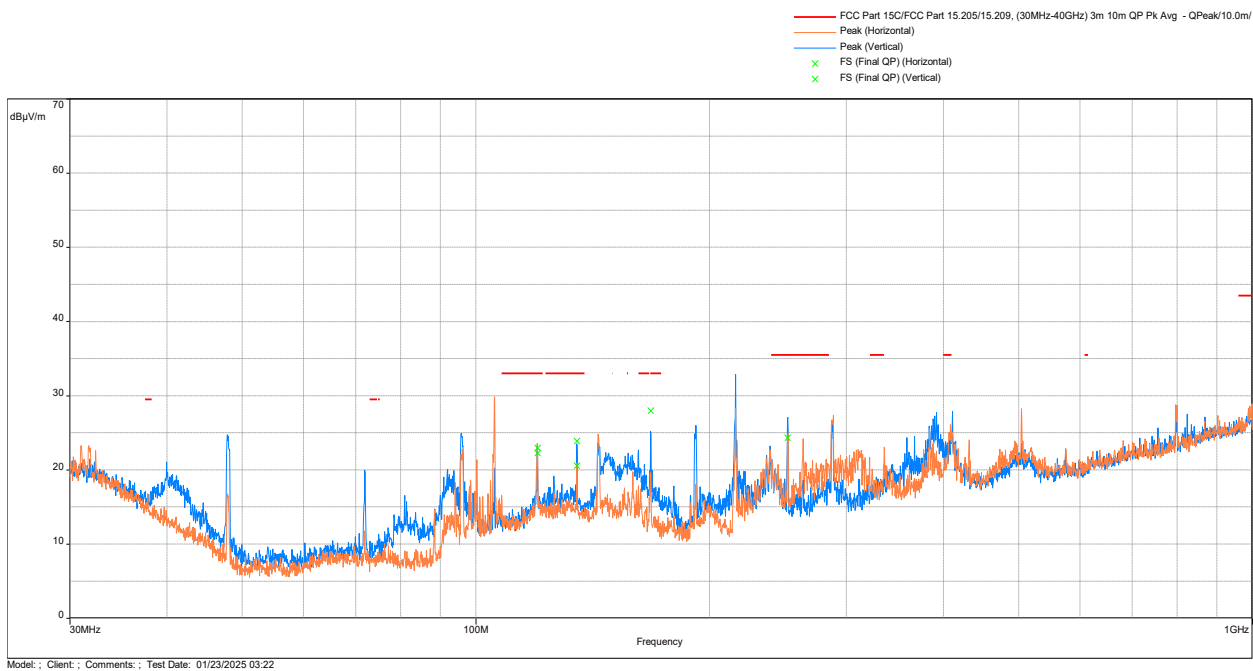
Magnetic Radiated Spurious Emissions 9kHz - 30 MHz Perpendicular Antenna Polarization



Magnetic Radiated Spurious Emissions 9kHz - 30 MHz Horizontal Antenna Polarization



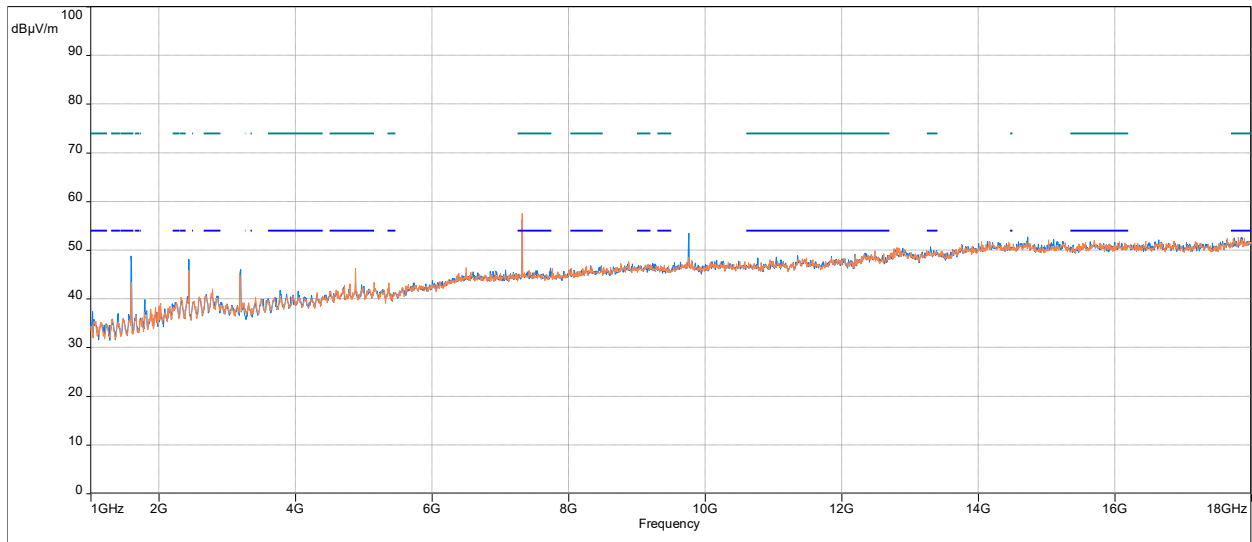
Radiated Spurious Emissions 30 MHz - 1000 MHz



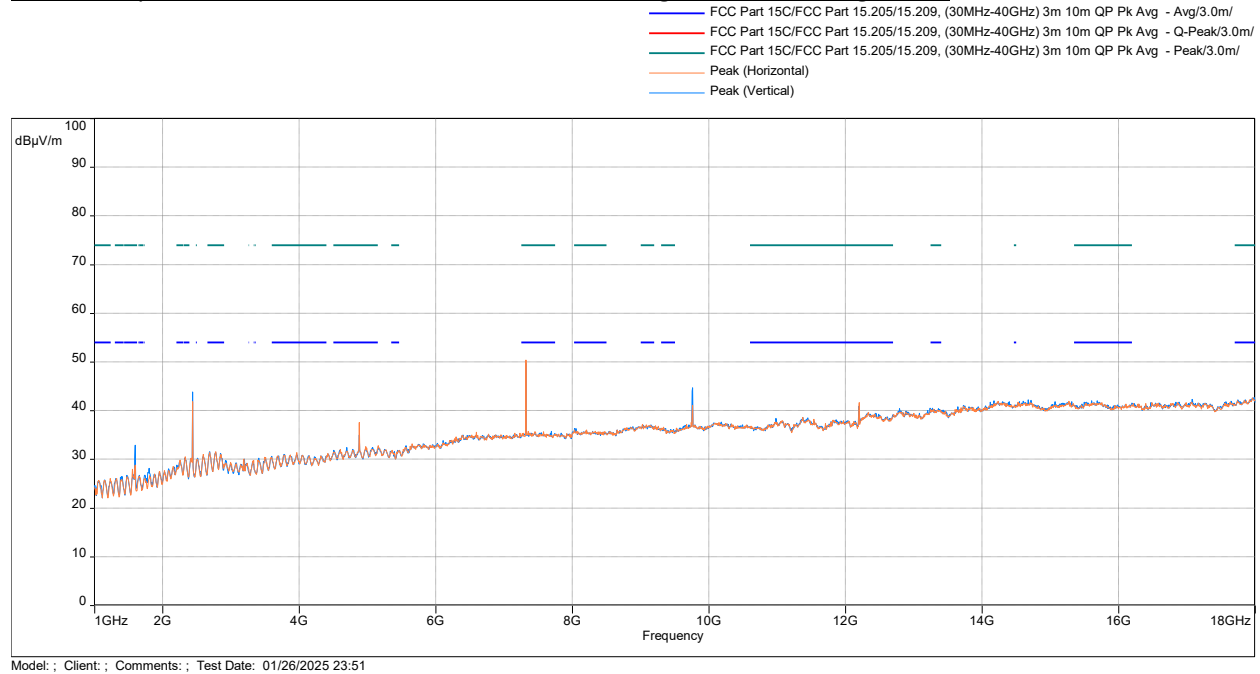
Frequency (MHz)	FS (dBμV/m)	Limit (dB(uV/m))	Margin (dB)	Azimuth (deg)	Height (m)	Polarity	RA (dBuV)	Correction (dB)
120.0029	22.97	33	-10.03	132.75	1	Vertical	35.77	-12.79
120.0029	22.28	33	-10.72	211.25	1.61	Horizontal	35.07	-12.79
134.9975	23.87	33	-9.13	170.5	1.21	Vertical	36.49	-12.62
134.9992	20.57	33	-12.43	86	1.4	Horizontal	33.19	-12.62
168.0003	27.97	33	-5.03	41.5	1.2	Vertical	42.52	-14.56
252.0323	24.34	35.5	-11.16	353.25	1.04	Vertical	38.64	-14.29

Radiated Spurious Emissions 1000 - 18000 MHz, Peak Scan vs Peak & Average Limit

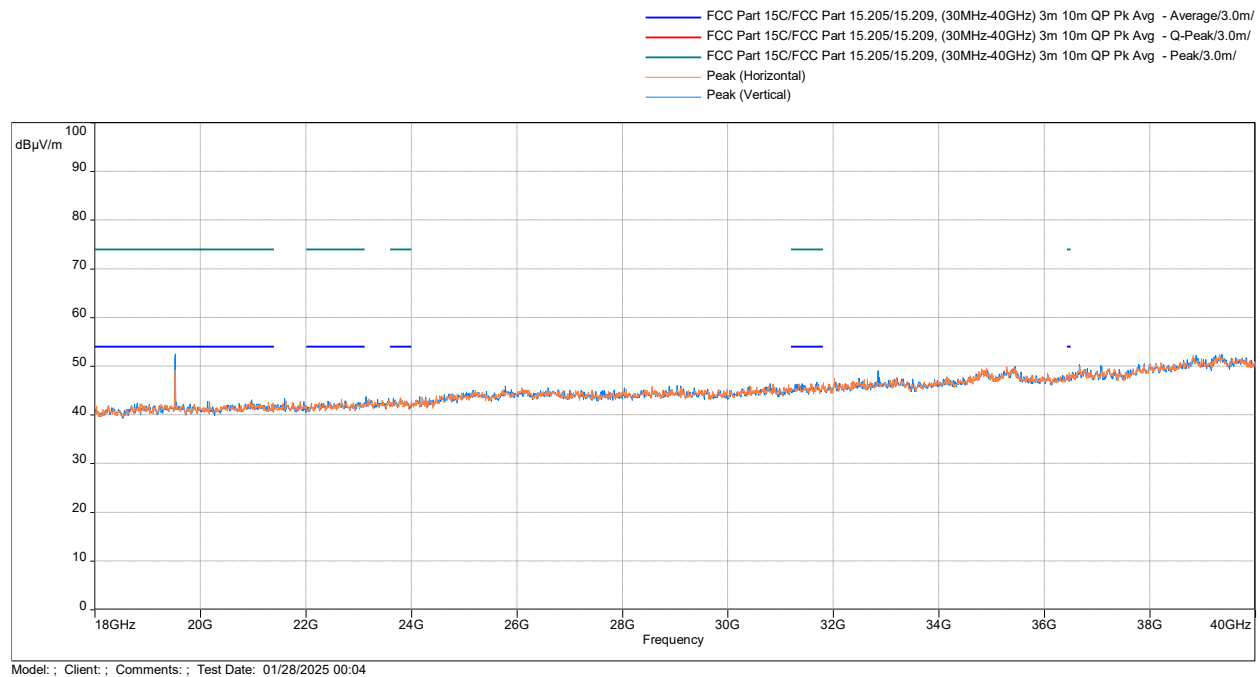
— FCC Part 15C/FCC Part 15.205/15.209, (30MHz-40GHz) 3m 10m QP Pk Avg - Avg/3.0m/
 — FCC Part 15C/FCC Part 15.205/15.209, (30MHz-40GHz) 3m 10m QP Pk Avg - Q-Peak/3.0m/
 — FCC Part 15C/FCC Part 15.205/15.209, (30MHz-40GHz) 3m 10m QP Pk Avg - Peak/3.0m/
 — Peak (Horizontal)
 — Peak (Vertical)



Radiated Spurious Emissions 1000 - 18000 MHz, Average Scan vs Average Limit



Radiated Spurious Emissions 18 – 40 GHz, Peak Scan vs Peak & Average Limit



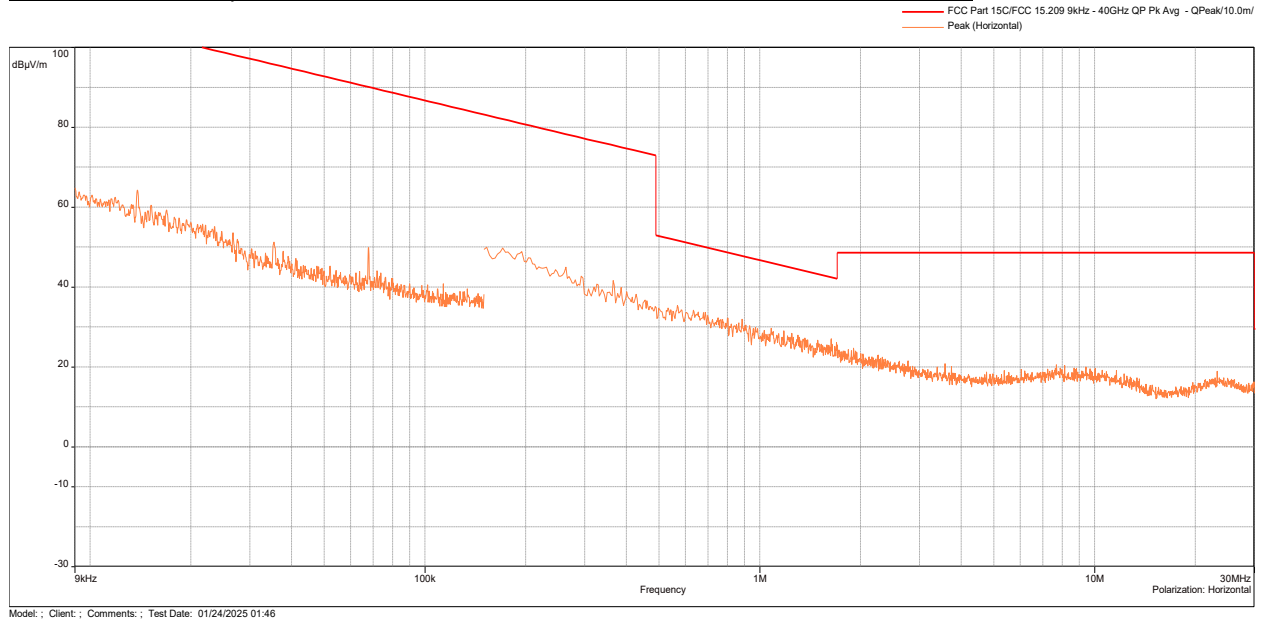
Frequency (MHz)	Peak (dBμV/m)	Lim.Avg (dBμV/m)	Peak-Lim.Avg (dB)	Height (m)	Angle (°)	Polarity	Correction (dB)
19523.87	52.52	54	-1.48	1	261.78	Vertical	-8.31

Results

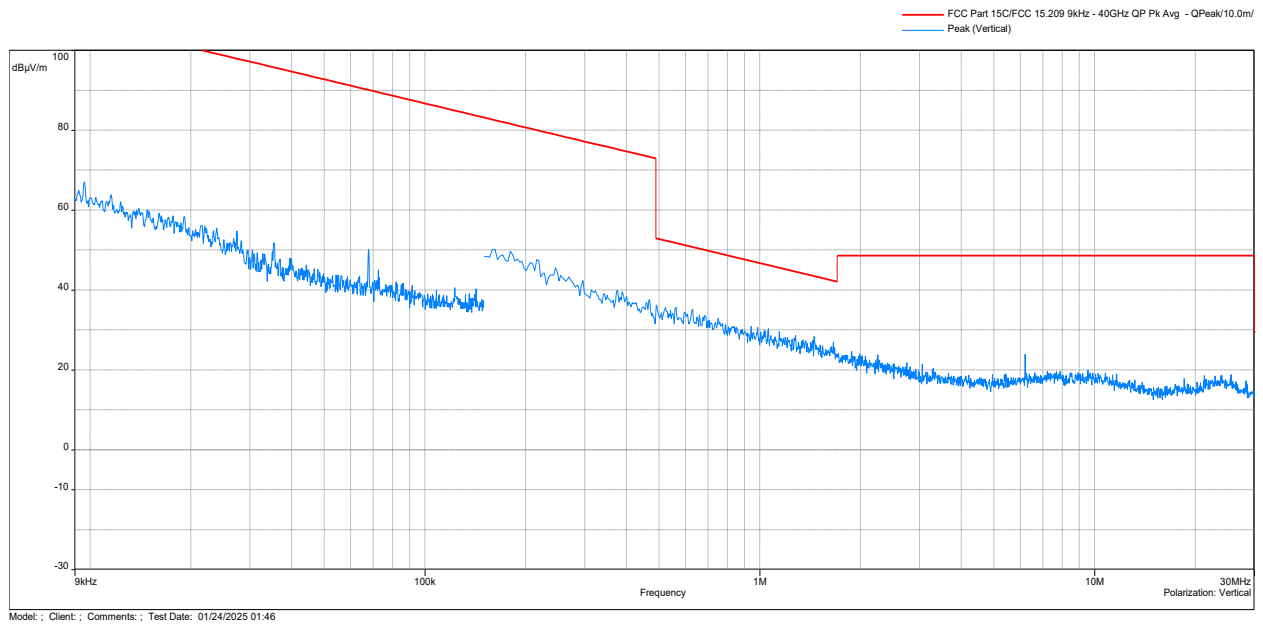
Complies

Test Results: 15.209 Radiated Spurious Emissions High Channel, Tx at 2470MHz

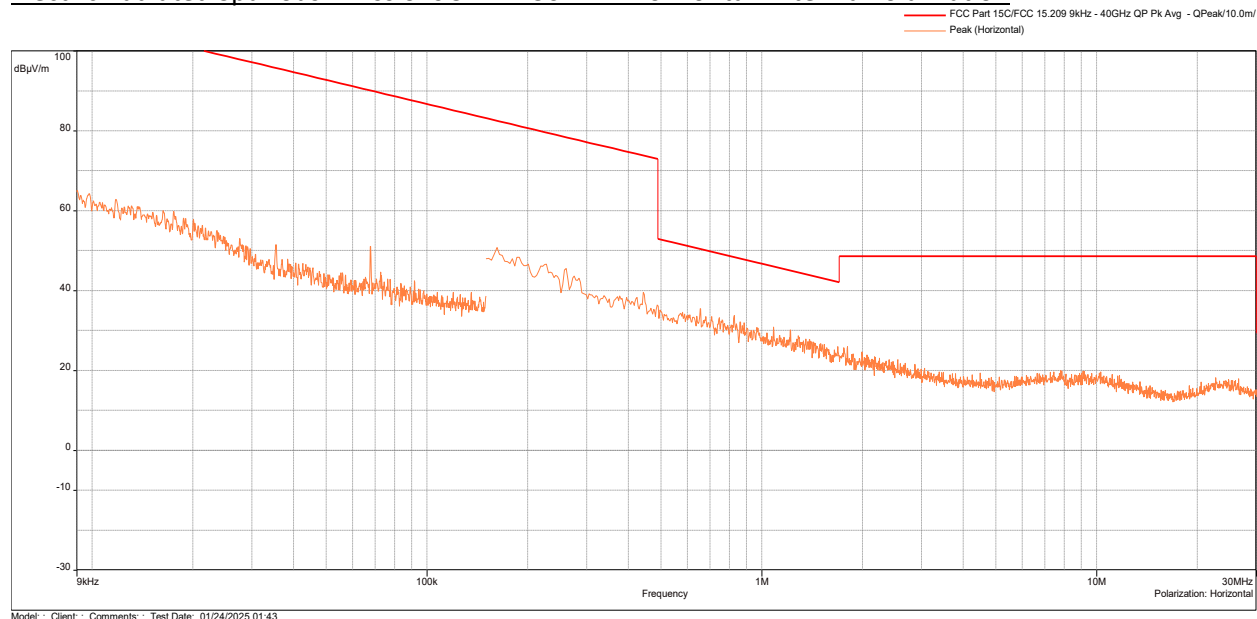
Electric Radiated Spurious Emissions 9kHz - 30 MHz Parallel Antenna Polarization



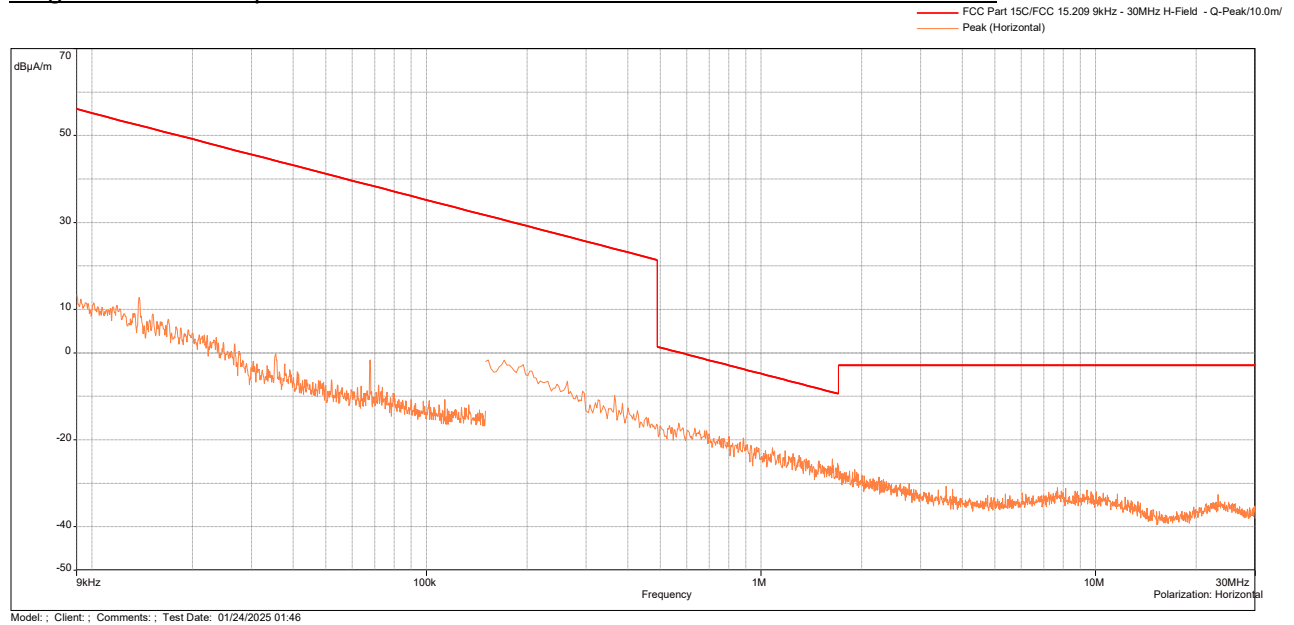
Electric Radiated Spurious Emissions 9kHz - 30 MHz Perpendicular Antenna Polarization



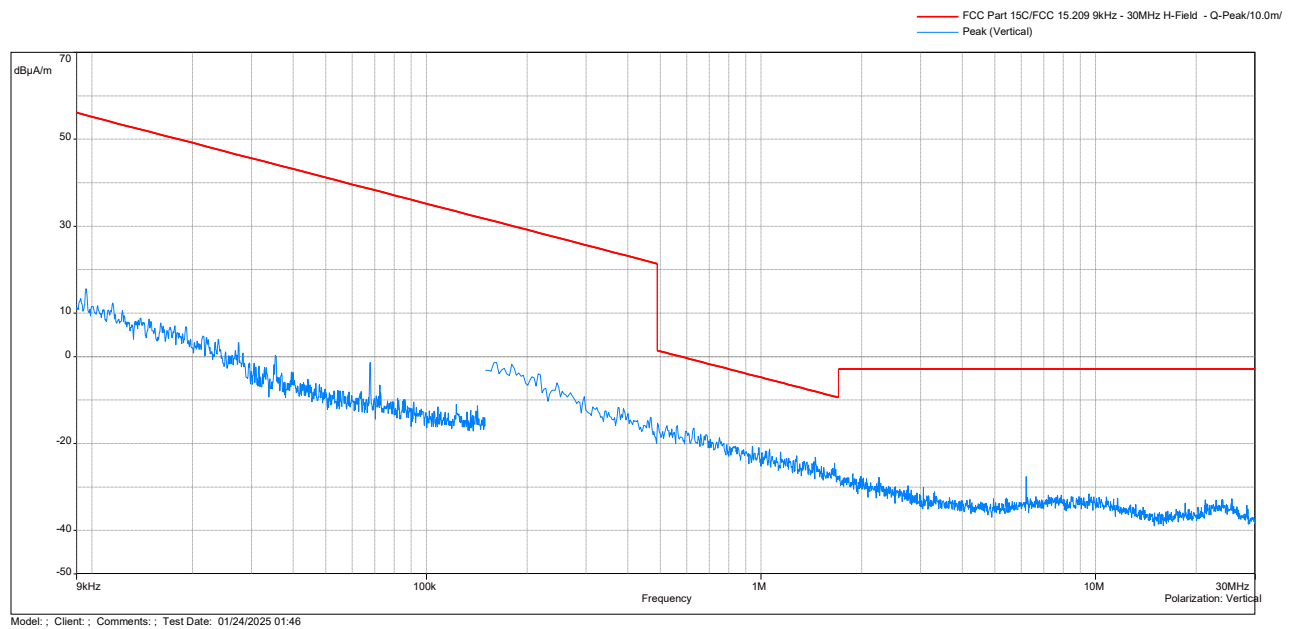
Electric Radiated Spurious Emissions 9kHz - 30 MHz Horizontal Antenna Polarization



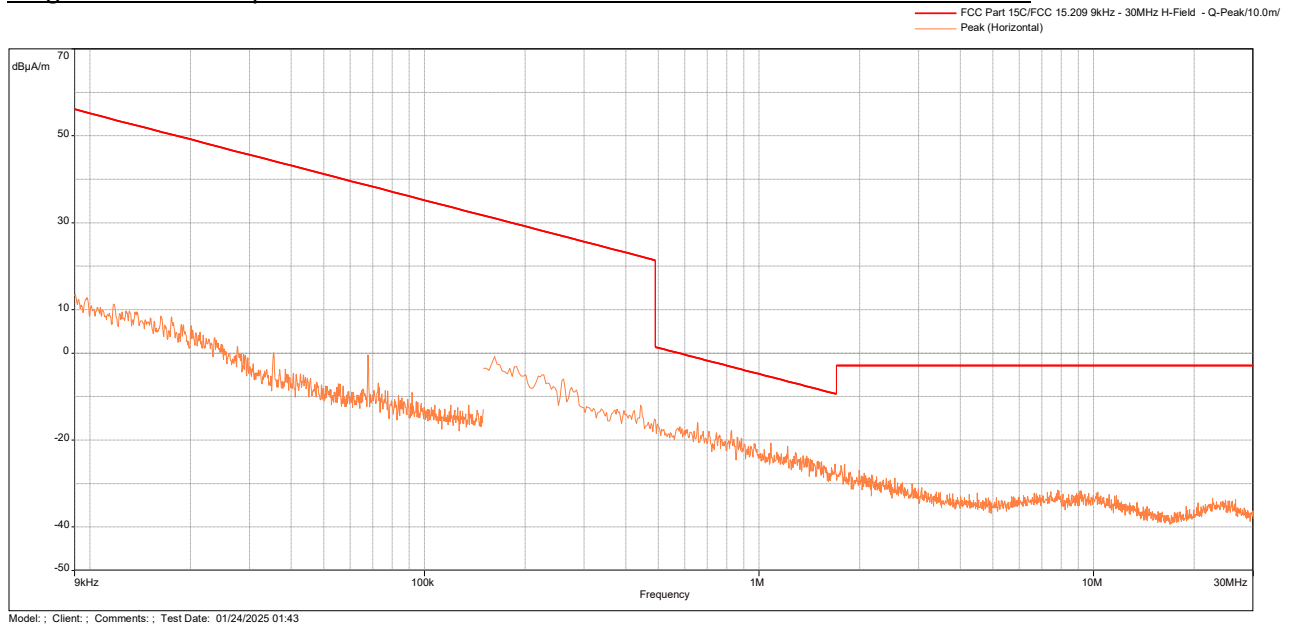
Magnetic Radiated Spurious Emissions 9kHz - 30 MHz Parallel Antenna Polarization



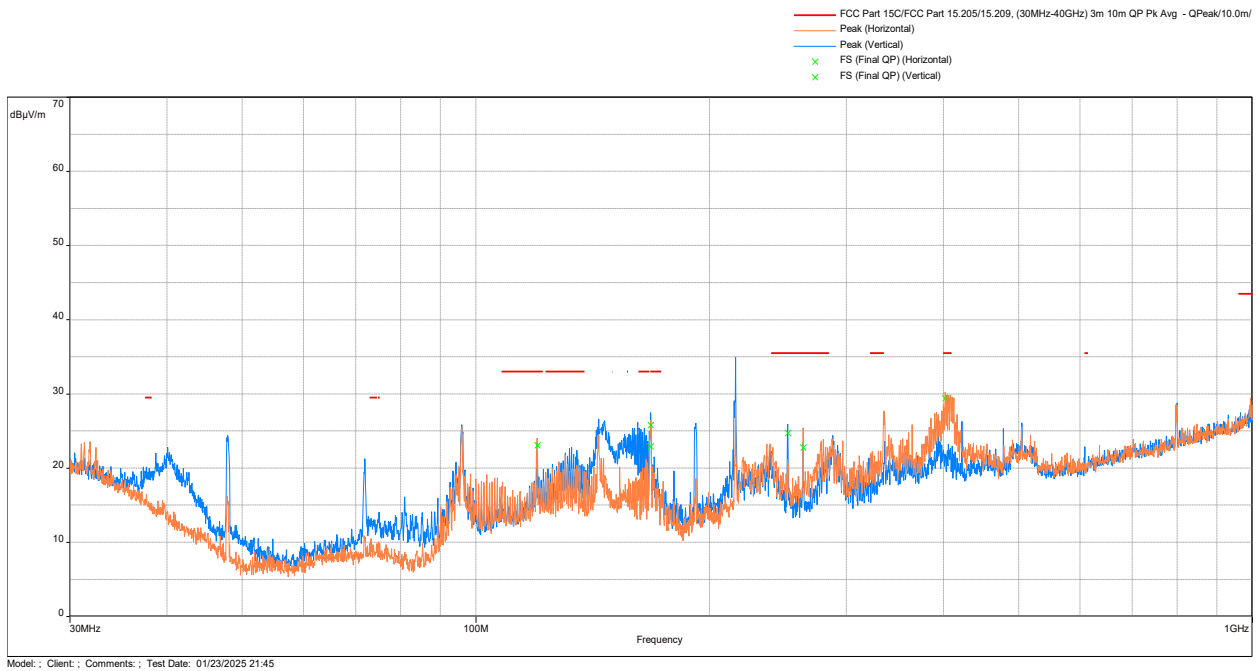
Magnetic Radiated Spurious Emissions 9kHz - 30 MHz Perpendicular Antenna Polarization



Magnetic Radiated Spurious Emissions 9kHz - 30 MHz Horizontal Antenna Polarization

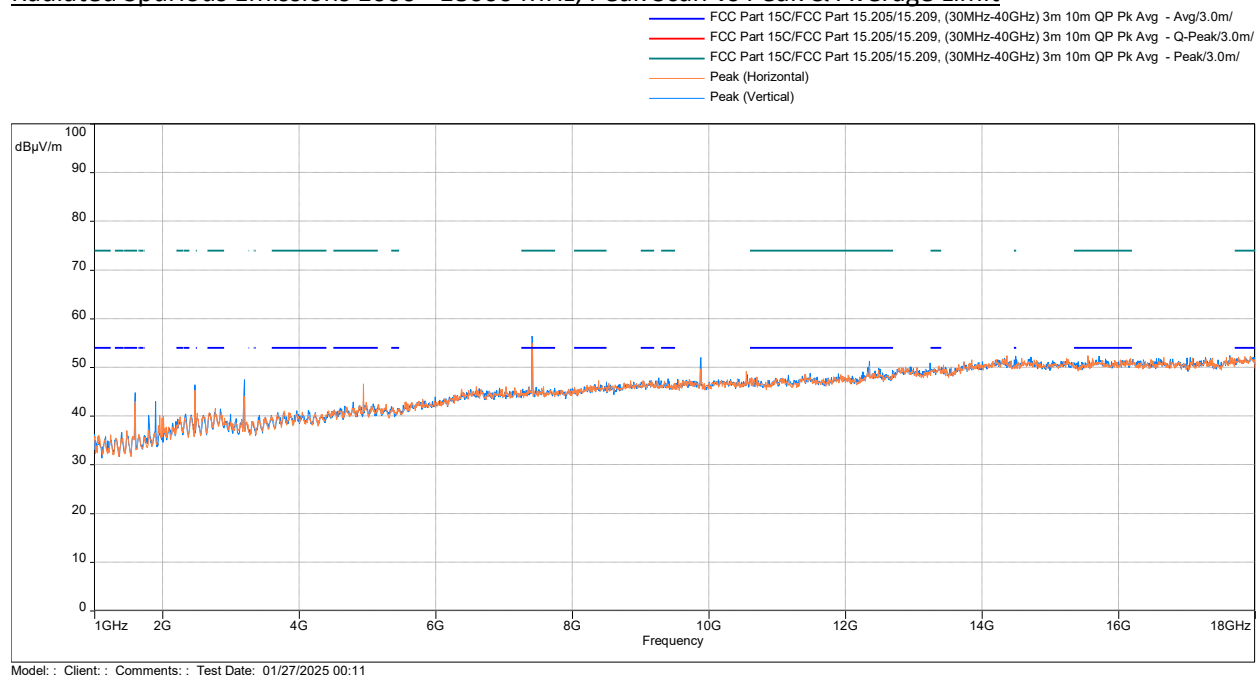


Radiated Spurious Emissions 30 MHz - 1000 MHz

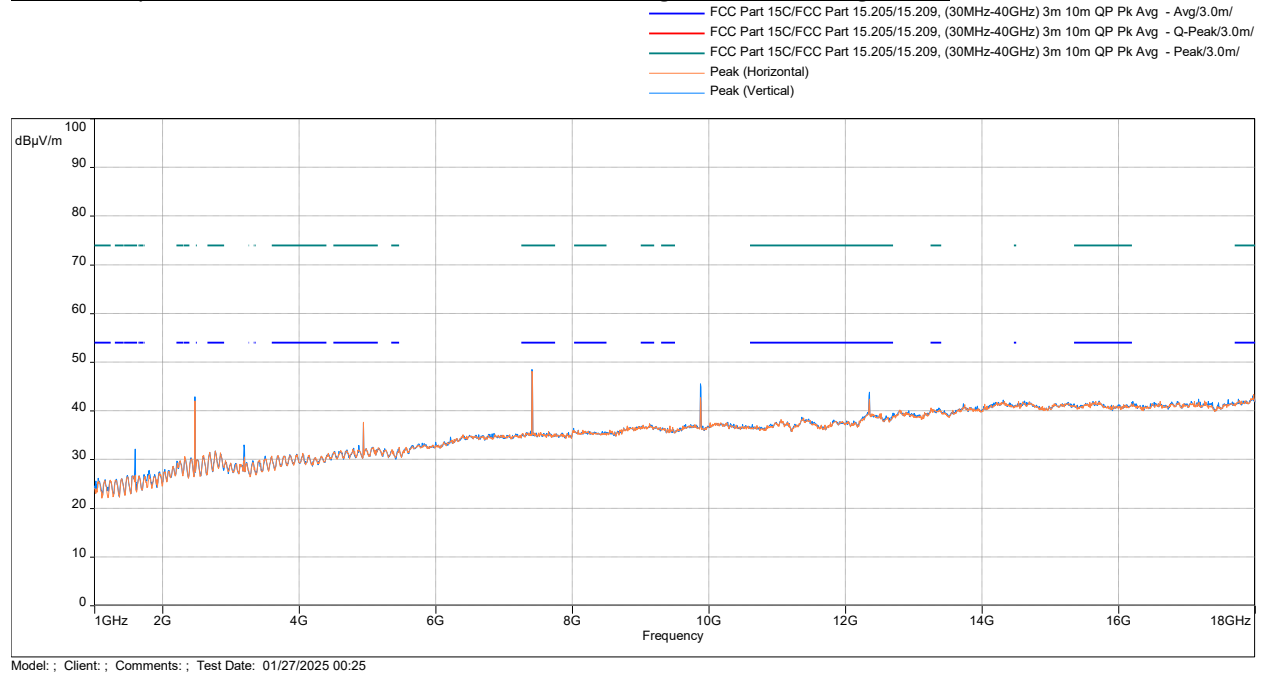


Frequency (MHz)	FS (dB μ V/m)	Limit (dB(μ V/m))	Margin (dB)	Azimuth (deg)	Height (m)	Polarity	RA (dB μ V)	Correction (dB)
120.0013	23.06	33	-9.94	203.25	4	Horizontal	35.86	-12.79
167.8744	22.91	33	-10.09	62.25	1.63	Horizontal	37.46	-14.55
168.0032	25.8	33	-7.2	49.25	1.12	Vertical	40.35	-14.56
252.2305	24.73	35.5	-10.77	353	1.37	Vertical	39.02	-14.3
264.0043	22.75	35.5	-12.75	191.5	1.21	Vertical	36.09	-13.34
402.3544	29.38	35.5	-6.12	30.5	2.42	Horizontal	39.37	-9.99

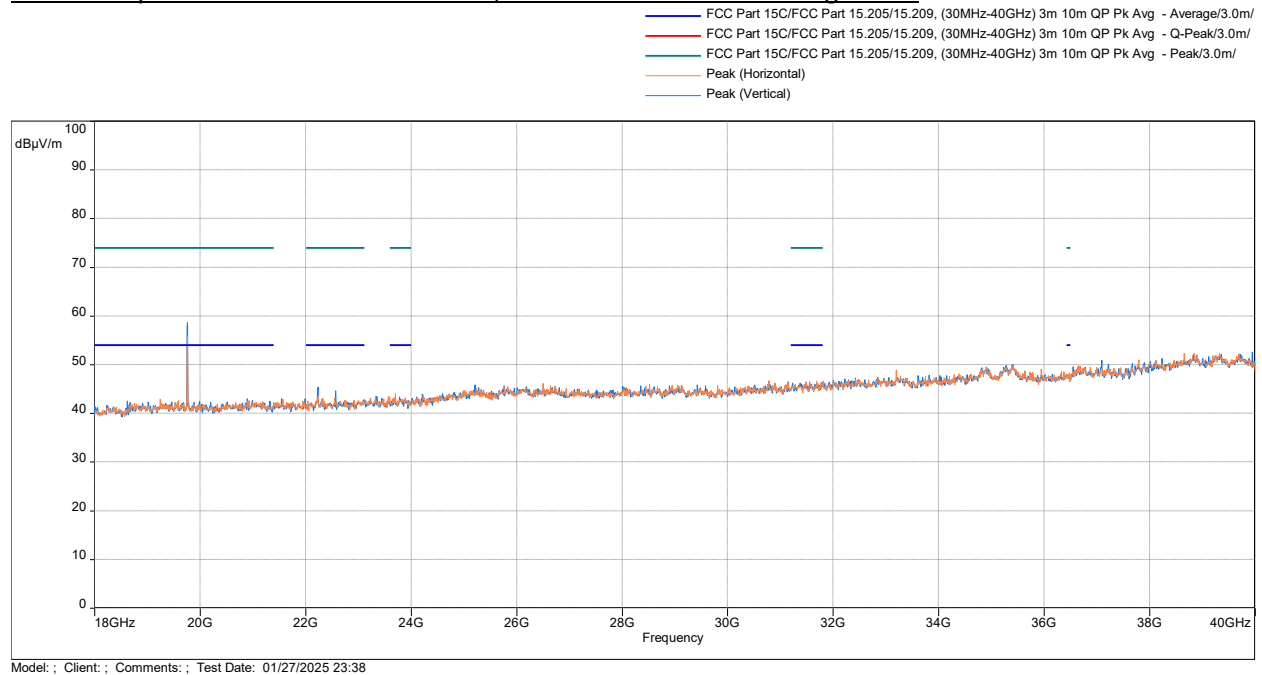
Radiated Spurious Emissions 1000 - 18000 MHz, Peak Scan vs Peak & Average Limit



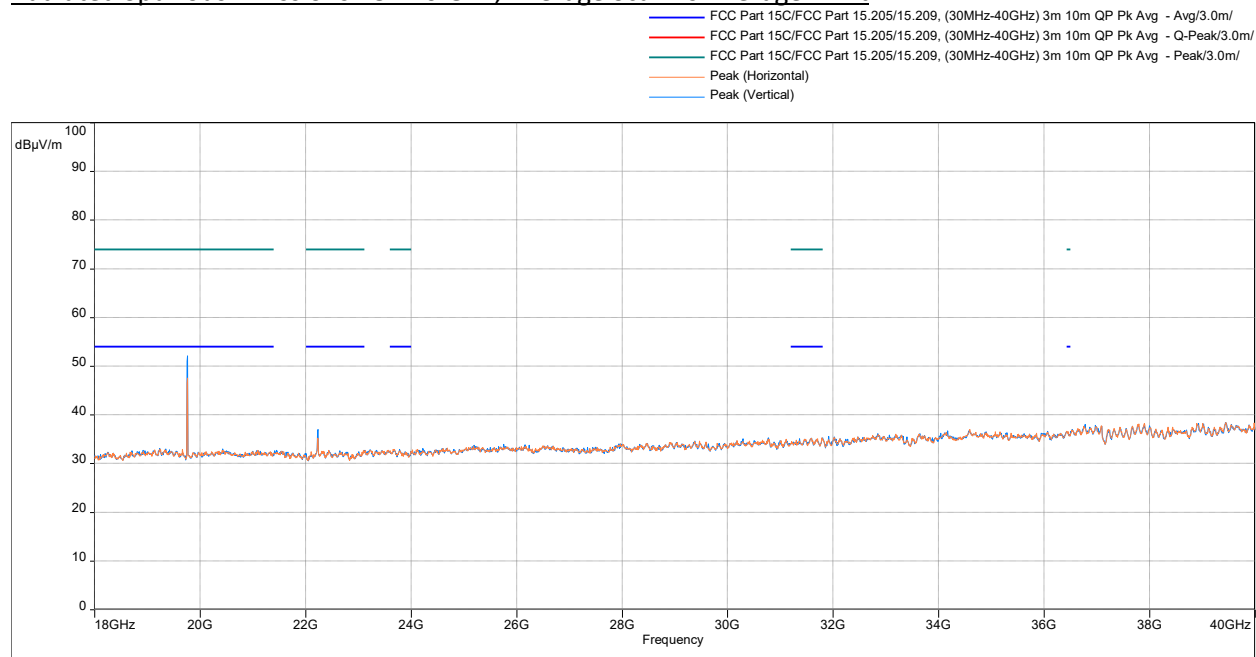
Radiated Spurious Emissions 1000 - 18000 MHz, Average Scan vs Average Limit



Radiated Spurious Emissions 18 - 40 GHz, Peak Scan vs Peak & Average Limit



Radiated Spurious Emissions 18 - 40 GHz, Average Scan vs Average Limit



Frequency (MHz)	FS (dB(uV/m))	Ave Limit (dB(uV/m))	Ave Margin (dB)	Azimuth (deg)	Height (m)	Polarity	Peak Reading (dBuV)	RA (dBuV)	Correction (dB)
19764.4	52.07	54	-1.93	4	266.07	Vertical	-8.24	19764.4	52.07

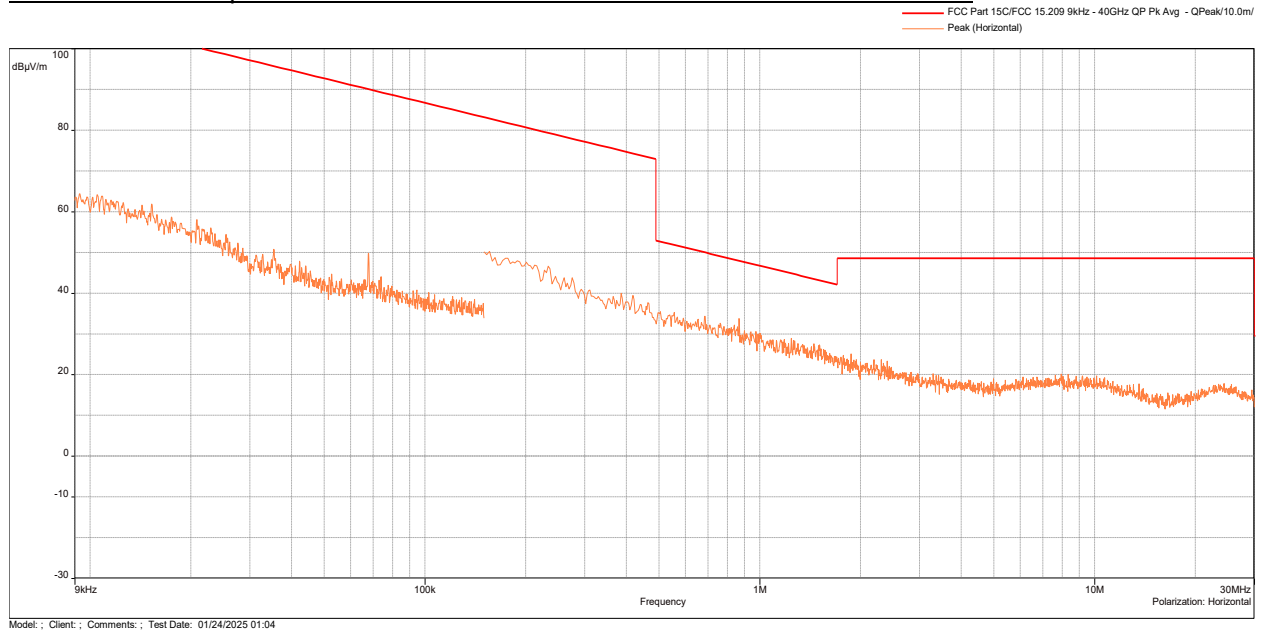
Results

Complies

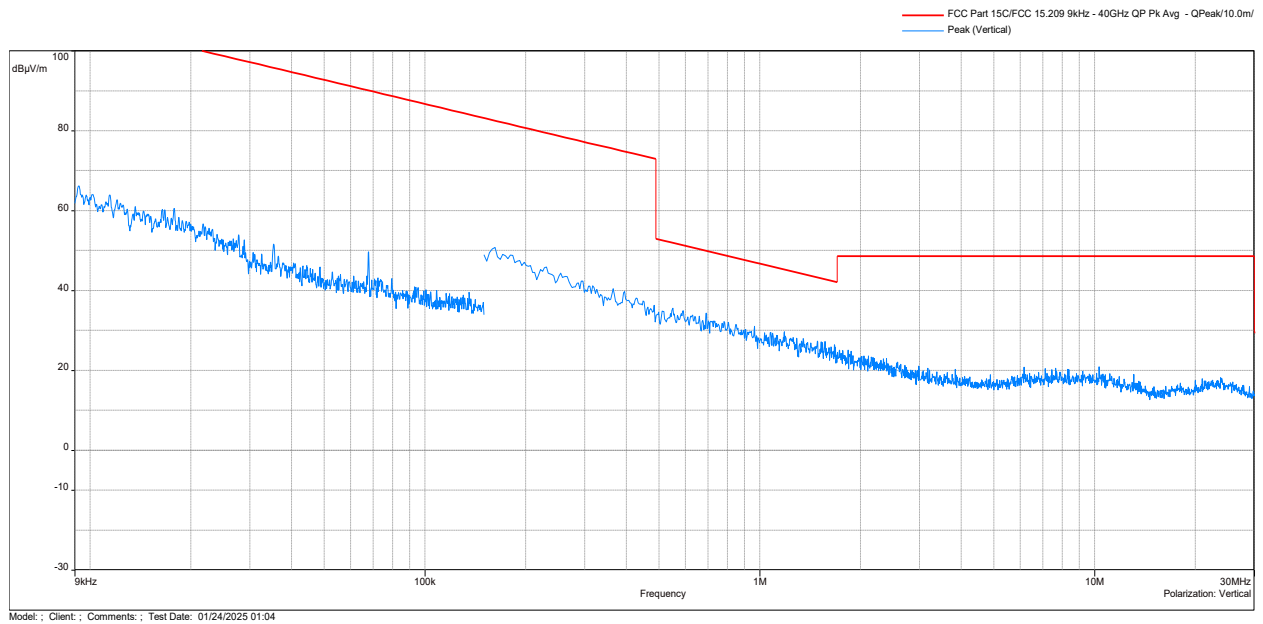
Secondary Antenna
Out-of-Band Radiated Spurious Emissions

Test Results: 15.209 Radiated Spurious Emissions Low Channel, Tx at 2405MHz

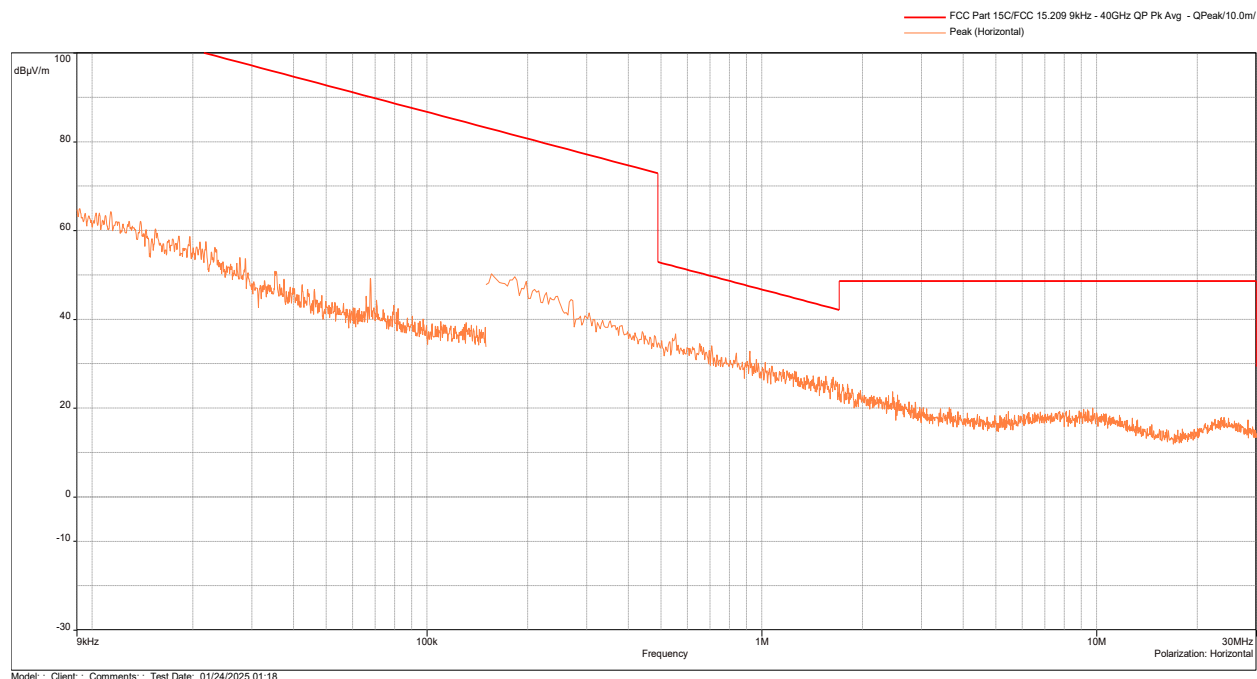
Electric Radiated Spurious Emissions 9kHz - 30 MHz Parallel Antenna Polarization



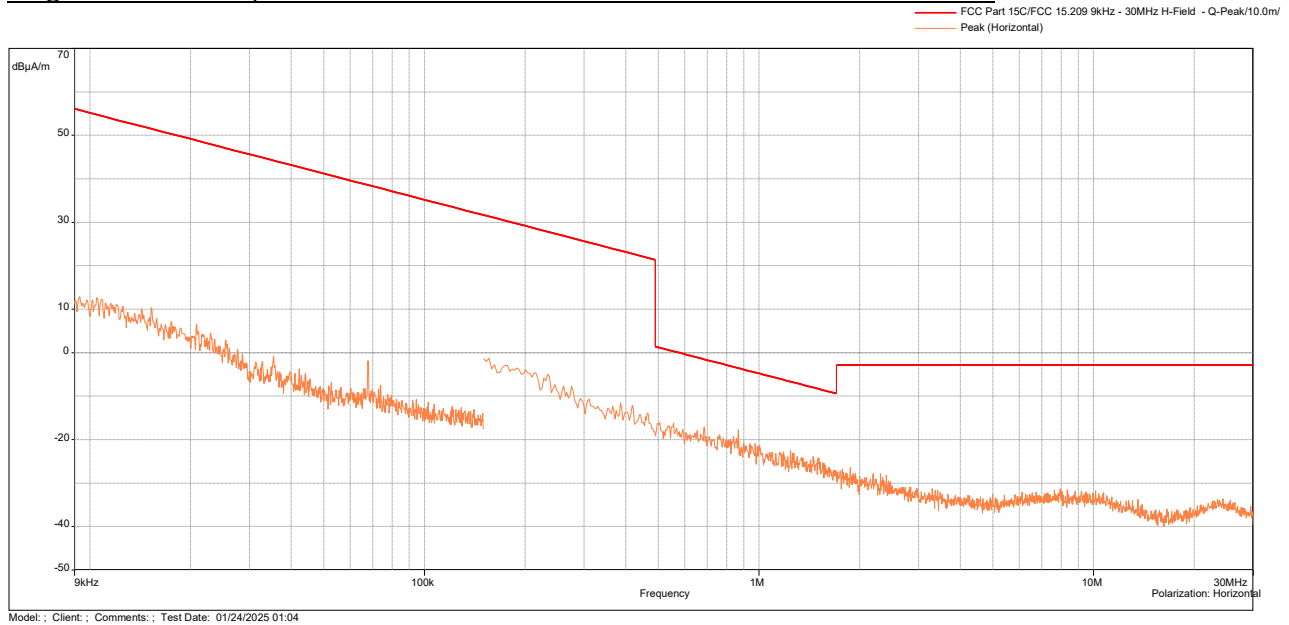
Electric Radiated Spurious Emissions 9kHz - 30 MHz Perpendicular Antenna Polarization



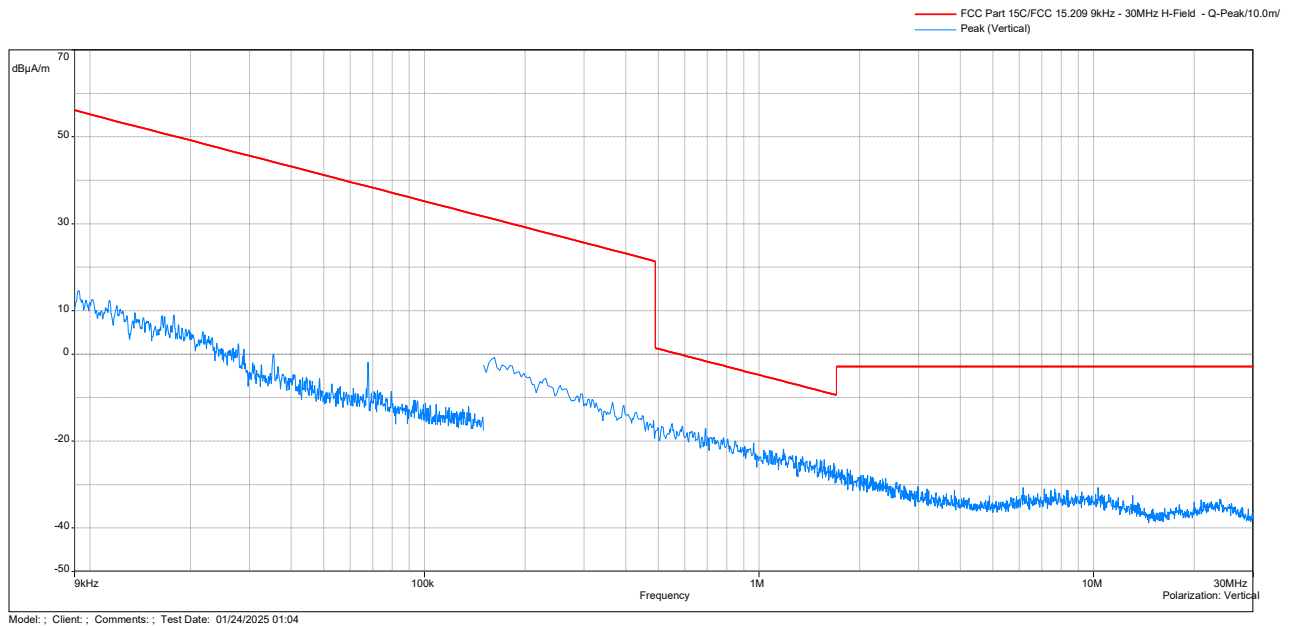
Electric Radiated Spurious Emissions 9kHz - 30 MHz Horizontal Antenna Polarization



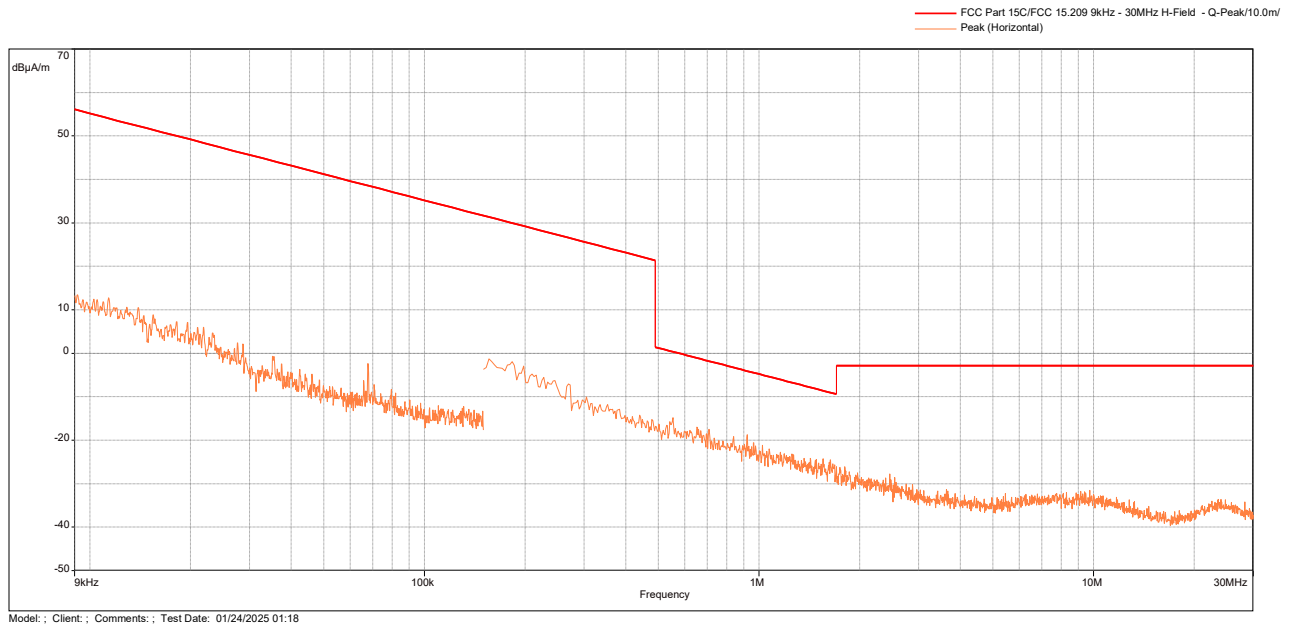
Magnetic Radiated Spurious Emissions 9kHz - 30 MHz Parallel Antenna Polarization



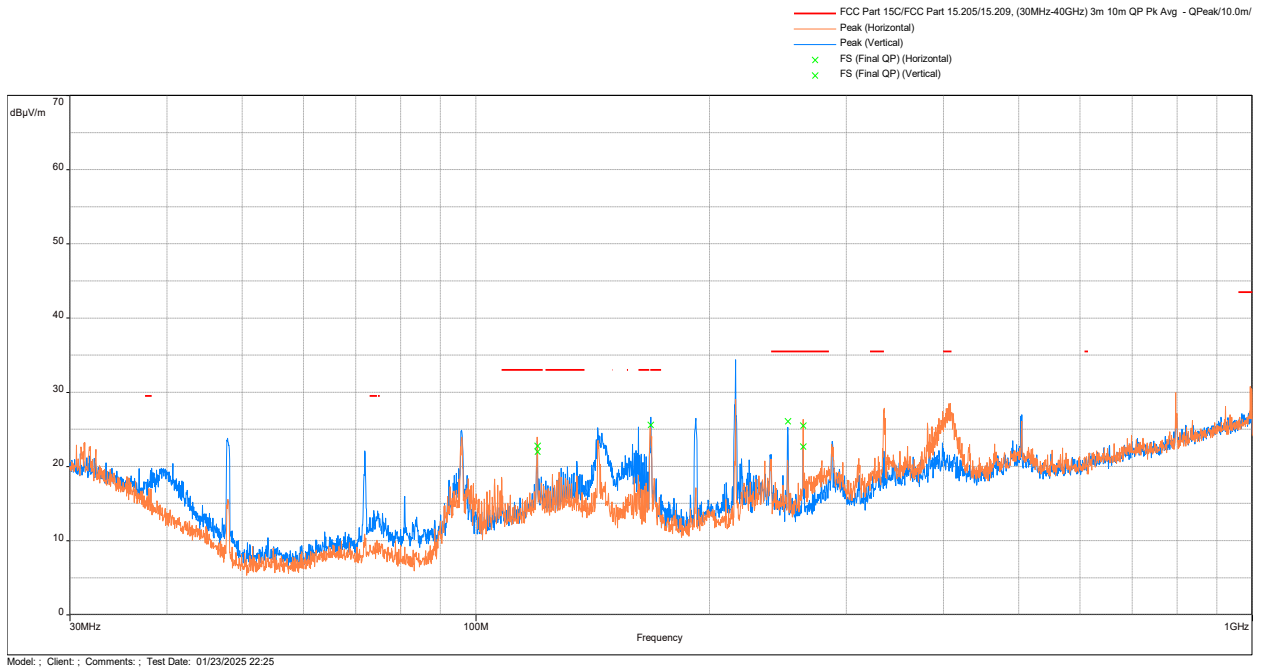
Magnetic Radiated Spurious Emissions 9kHz - 30 MHz Perpendicular Antenna Polarization



Magnetic Radiated Spurious Emissions 9kHz - 30 MHz Horizontal Antenna Polarization

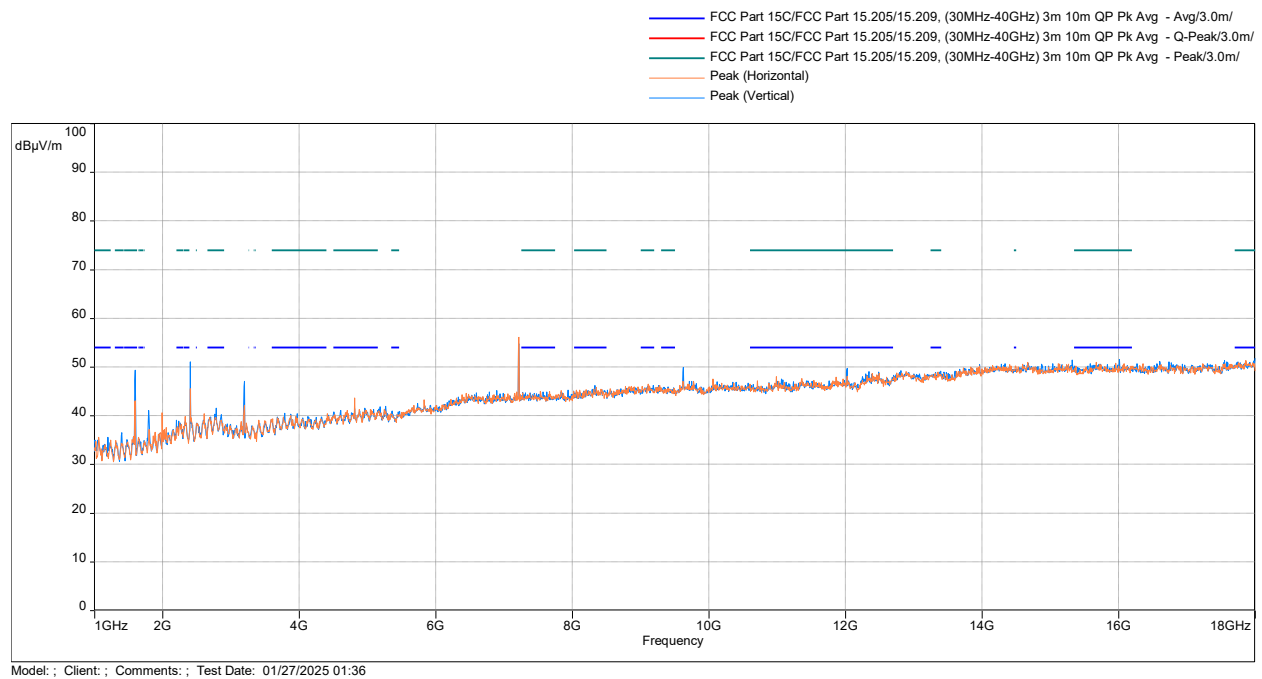


Radiated Spurious Emissions 30 MHz - 1000 MHz

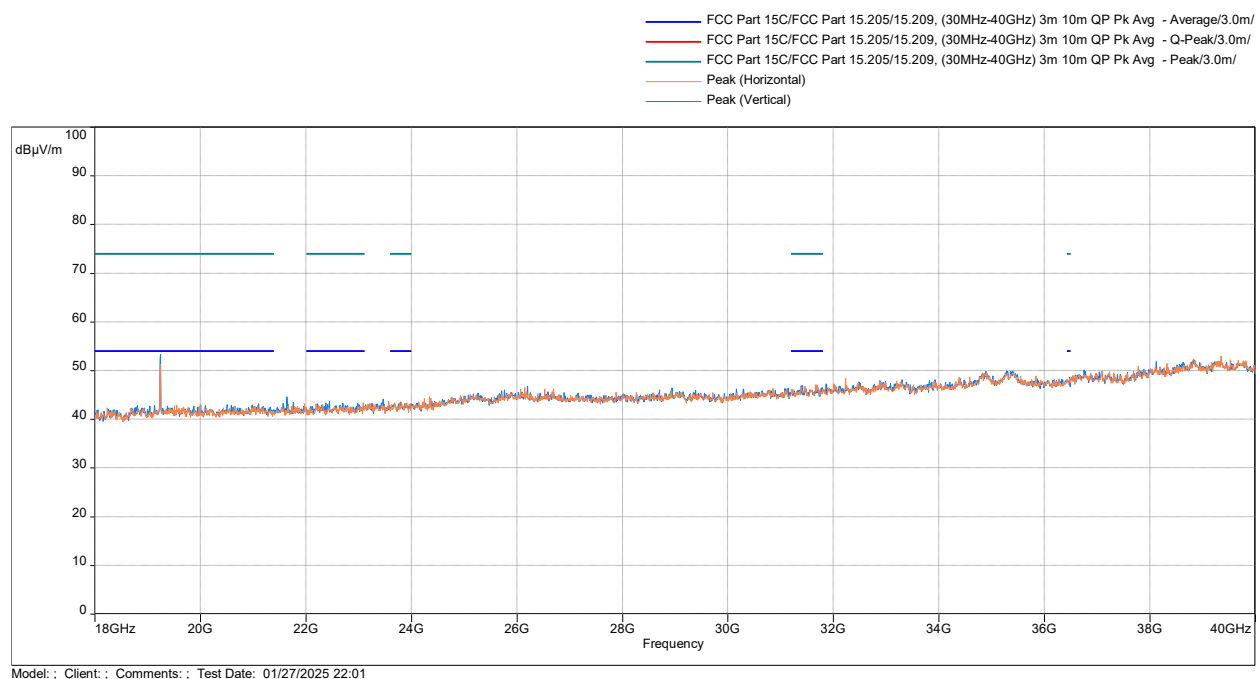


Frequency (MHz)	FS (dBμV/m)	Limit (dB(uV/m))	Margin (dB)	Azimuth (deg)	Height (m)	Polarity	RA (dBuV)	Correction (dB)
120.0029	21.98	33	-11.02	146	1.23	Vertical	34.78	-12.79
120.0029	22.75	33	-10.25	213	1.61	Horizontal	35.54	-12.79
168.0005	25.61	33	-7.39	65.75	1	Vertical	40.17	-14.56
252.1797	26.06	35.5	-9.44	345.5	1.12	Vertical	40.36	-14.3
264.0043	22.65	35.5	-12.85	336.75	1.12	Vertical	35.99	-13.34
264.0011	25.51	35.5	-9.99	98	3.8	Horizontal	38.85	-13.34

Radiated Spurious Emissions 1000 - 18000 MHz, Peak Scan vs Peak & Average Limit



Radiated Spurious Emissions 18 – 40 GHz, Peak Scan vs Peak & Average Limit



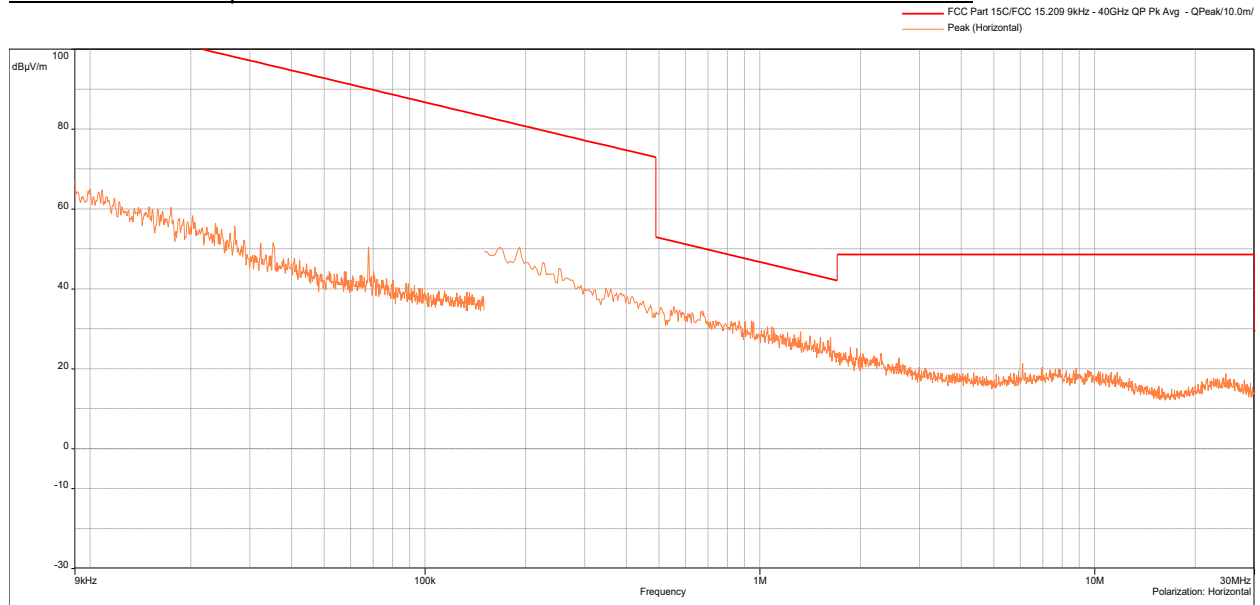
Frequency (MHz)	Peak (dBμV/m)	Lim.Avg (dBμV/m)	Peak-Lim.Avg (dB)	Height (m)	Angle (°)	Polarity	Correction (dB)
19243.73	53.36	54	-0.64	1	271.23	Vertical	-8.56
19244.47	51.25	54	-2.75	3	150.96	Horizontal	-8.55

Results

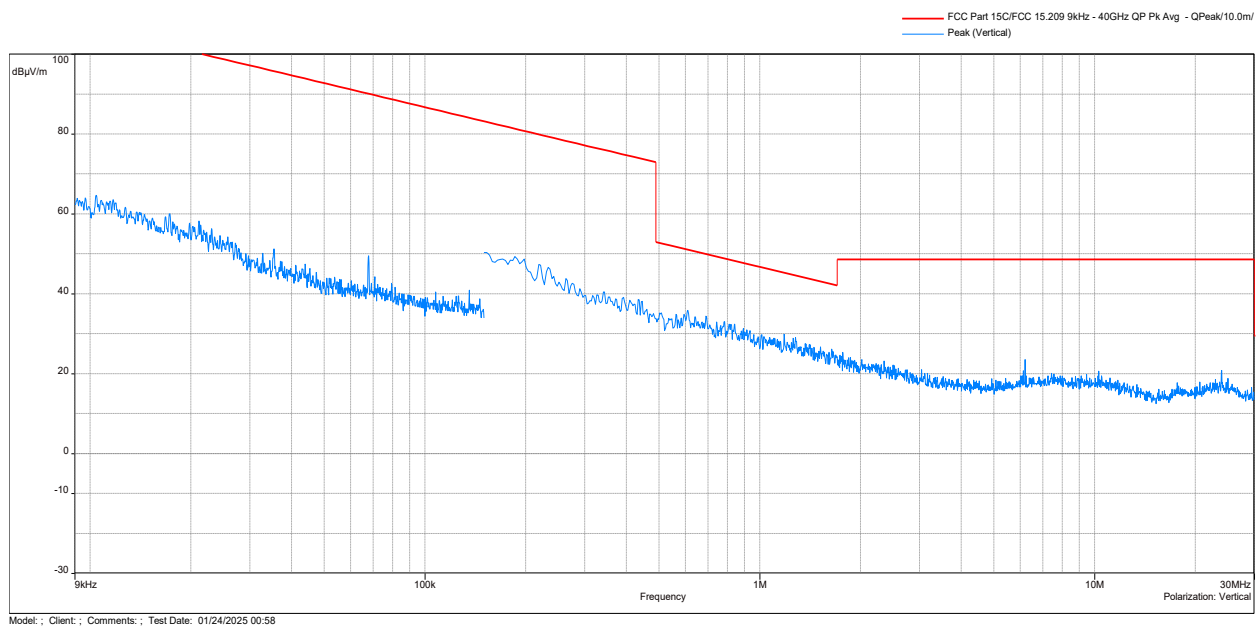
Complies

Test Results: 15.209 Radiated Spurious Emissions Mid Channel, Tx at 2440 MHz

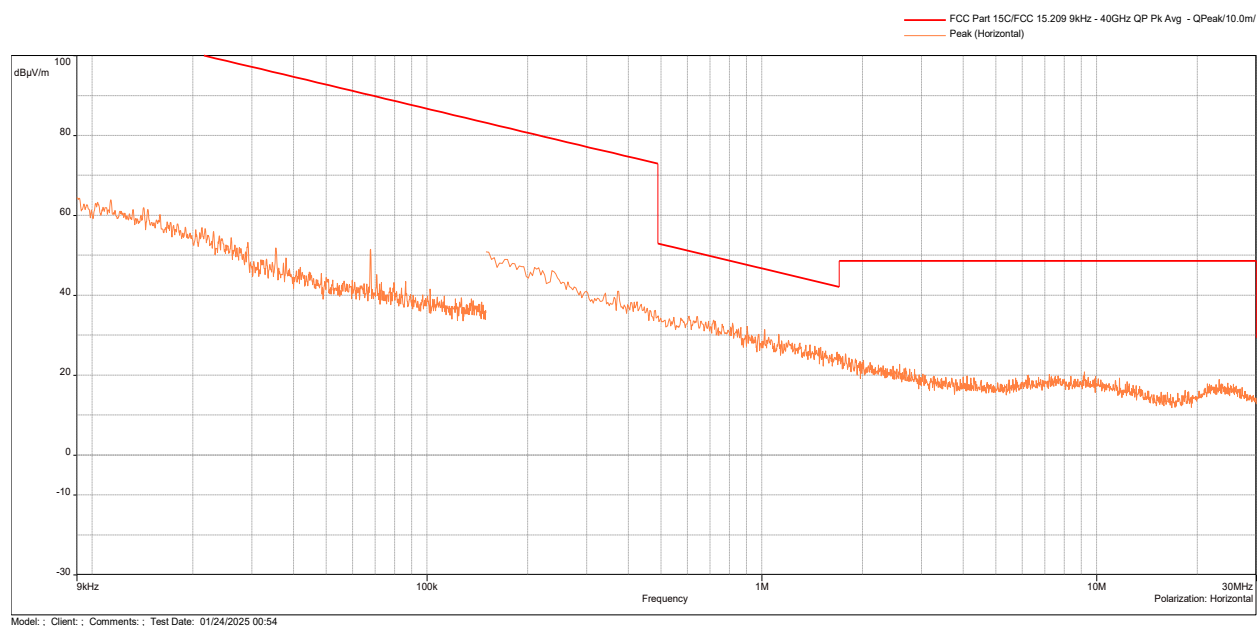
Electric Radiated Spurious Emissions 9kHz - 30 MHz Parallel Antenna Polarization



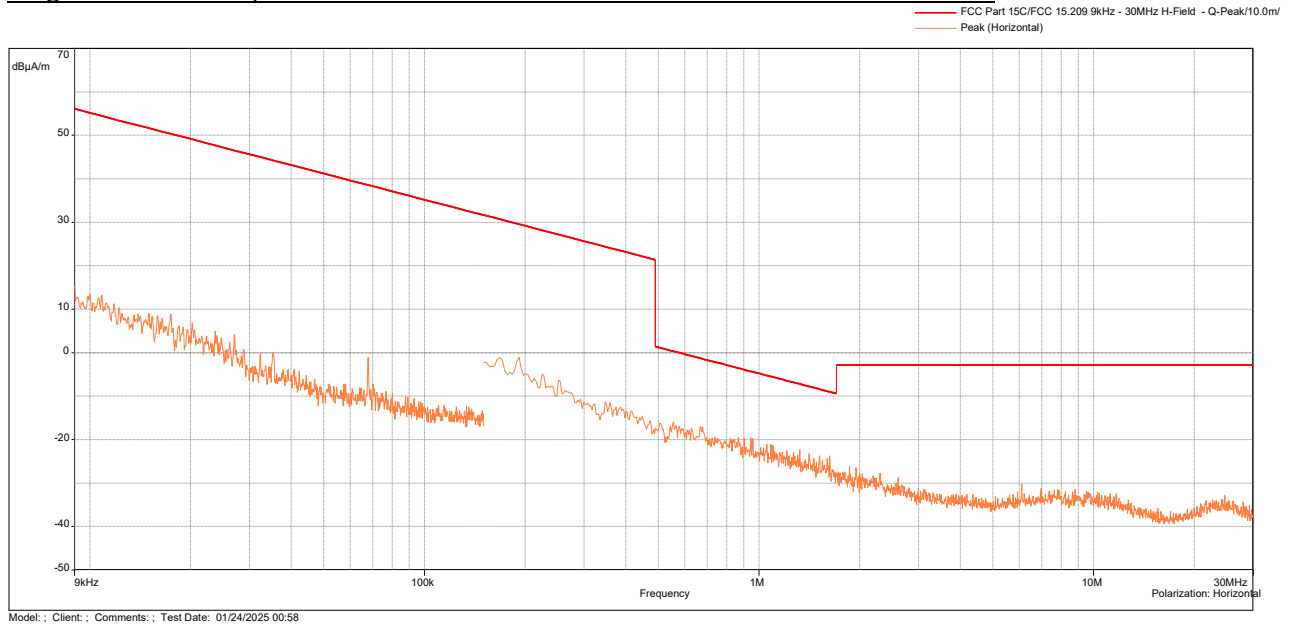
Electric Radiated Spurious Emissions 9kHz - 30 MHz Perpendicular Antenna Polarization



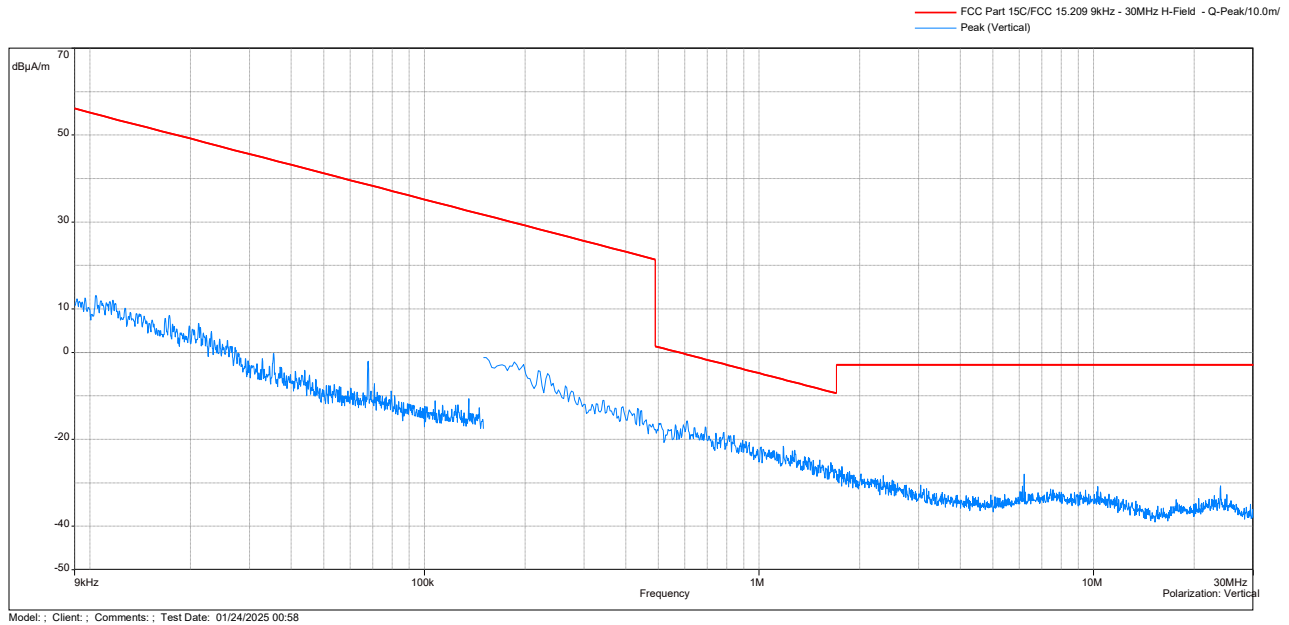
Electric Radiated Spurious Emissions 9kHz - 30 MHz Horizontal Antenna Polarization



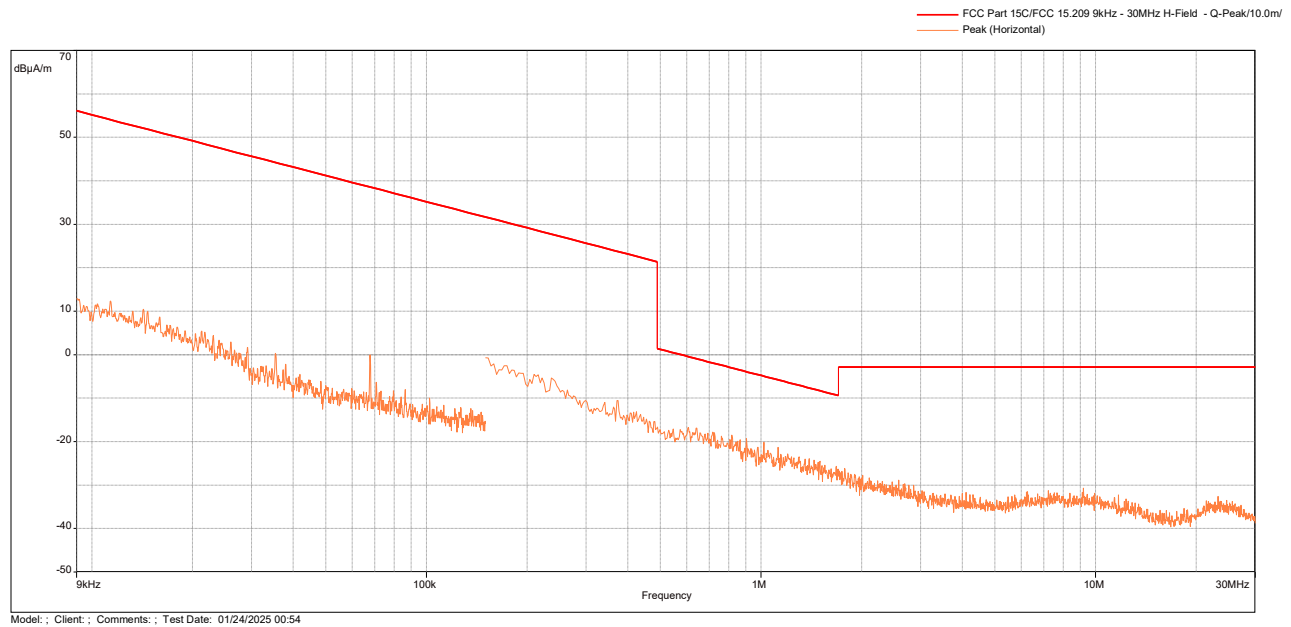
Magnetic Radiated Spurious Emissions 9kHz - 30 MHz Parallel Antenna Polarization



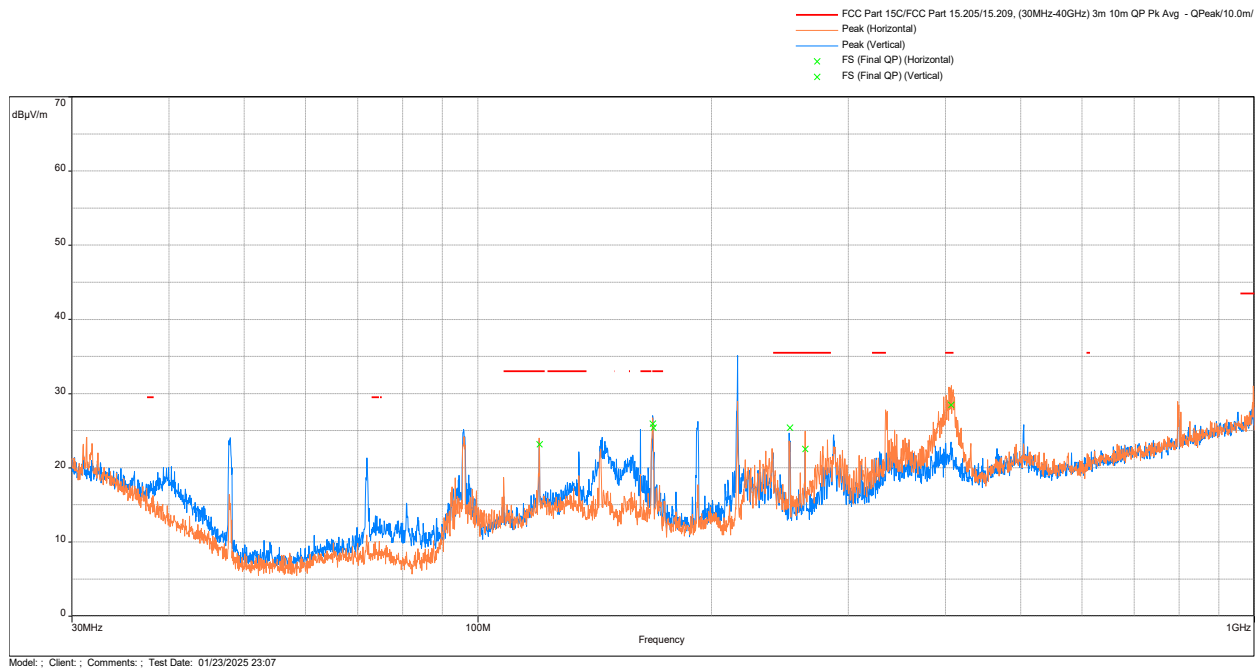
Magnetic Radiated Spurious Emissions 9kHz - 30 MHz Perpendicular Antenna Polarization



Magnetic Radiated Spurious Emissions 9kHz - 30 MHz Horizontal Antenna Polarization

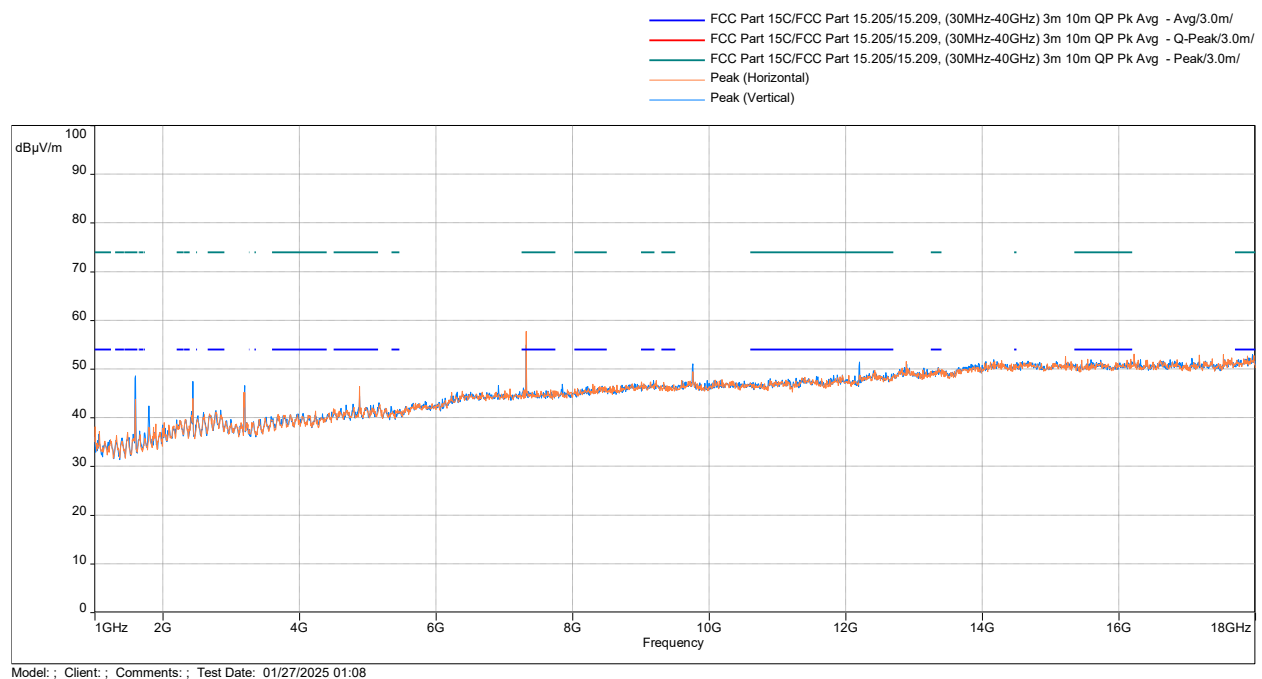


Radiated Spurious Emissions 30 MHz - 1000 MHz

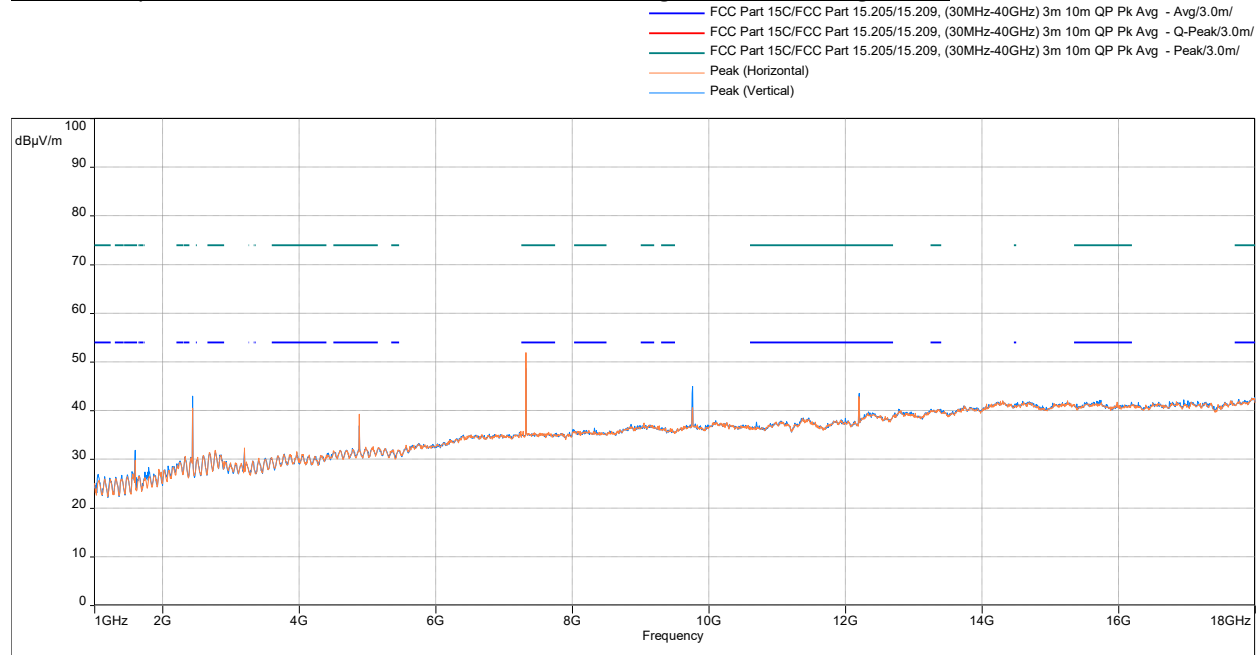


Frequency (MHz)	FS (dB μ V/m)	Limit (dB(uV/m))	Margin (dB)	Azimuth (deg)	Height (m)	Polarity	RA (dBuV)	Correction (dB)
120.0029	23.16	33	-9.84	160.75	1.25	Vertical	35.95	-12.79
168.0019	25.94	33	-7.06	53.25	1.08	Vertical	40.49	-14.56
168.1811	25.42	33	-7.58	45.25	3.96	Horizontal	39.97	-14.56
252.1349	25.42	35.5	-10.08	0	1.16	Vertical	39.71	-14.29
264.0014	22.52	35.5	-12.98	178.75	1.04	Vertical	35.85	-13.34
406.9744	28.46	35.5	-7.04	30.5	2.8	Horizontal	38.21	-9.76

Radiated Spurious Emissions 1000 - 18000 MHz, Peak Scan vs Peak & Average Limit



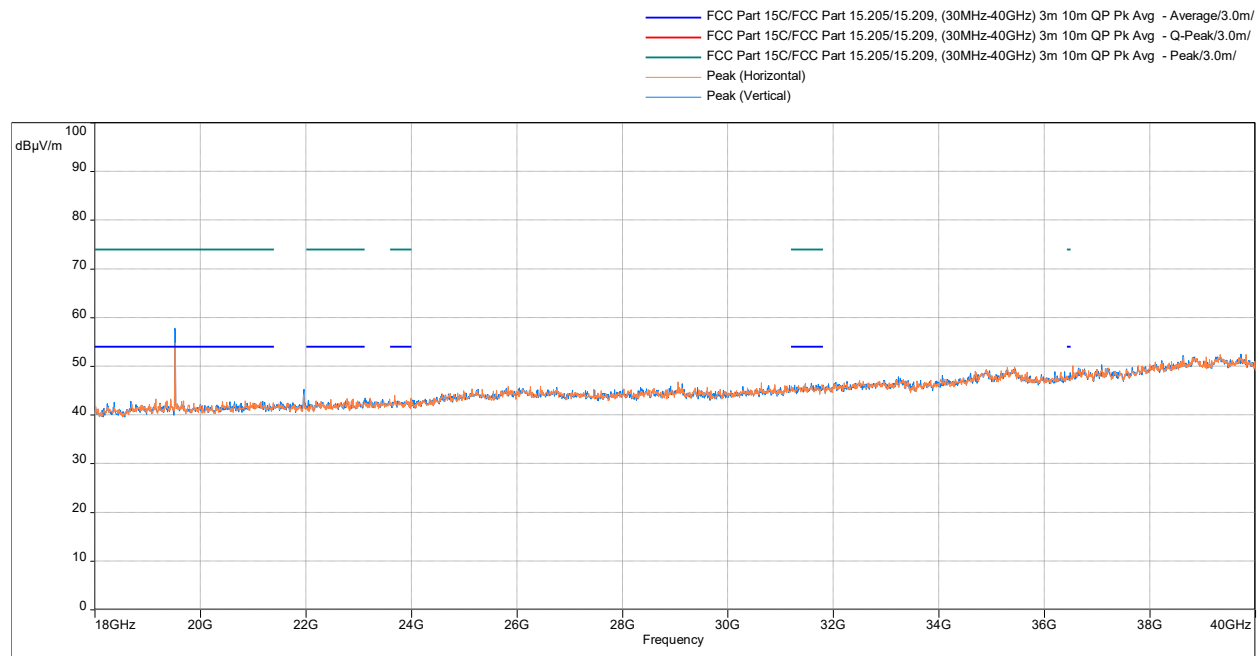
Radiated Spurious Emissions 1000 - 18000 MHz, Average Scan vs Average Limit



Model: ; Client: ; Comments: ; Test Date: 01/27/2025 01:21

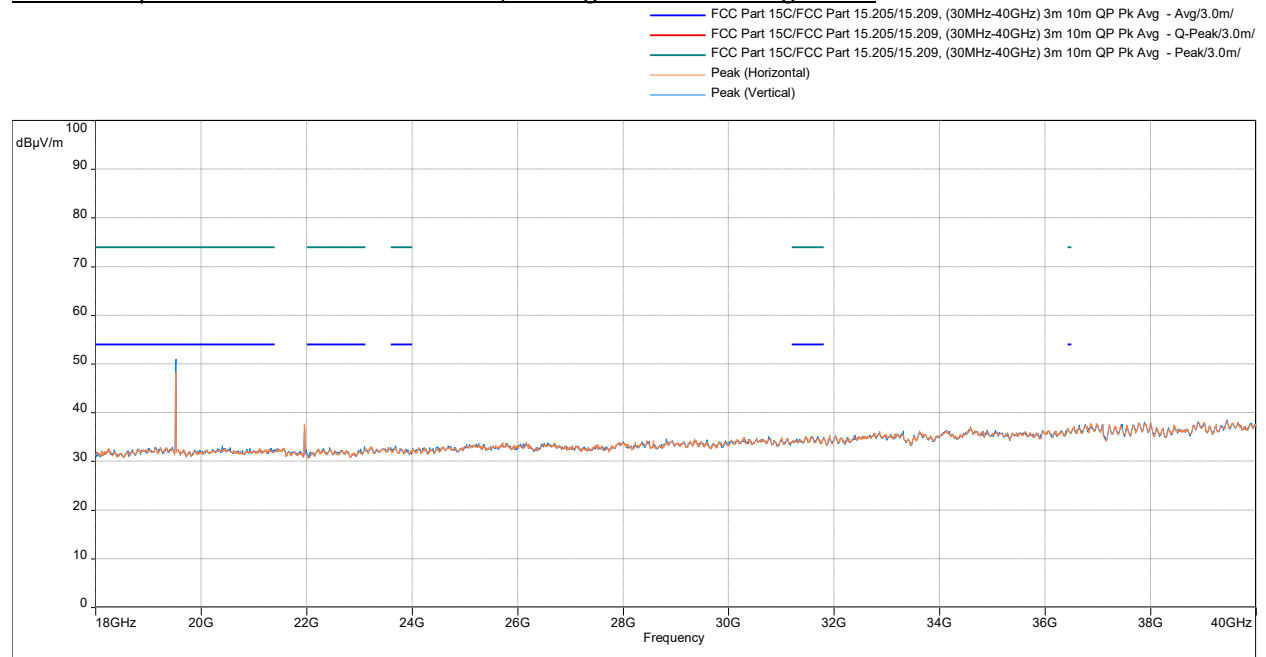
Frequency (MHz)	Peak (dBμV/m)	Lim.Avg (dBμV/m)	Peak-Lim.Avg (dB)	Height (m)	Angle (°)	Polarity	Correction (dB)
7321.167	51.93	54	-2.07	3	304.23	Horizontal	4.91

Radiated Spurious Emissions 18 – 40 GHz, Peak Scan vs Peak & Average Limit



Model: ; Client: ; Comments: ; Test Date: 01/27/2025 22:12

Radiated Spurious Emissions 18 – 40 GHz, Average Scan vs Average Limit



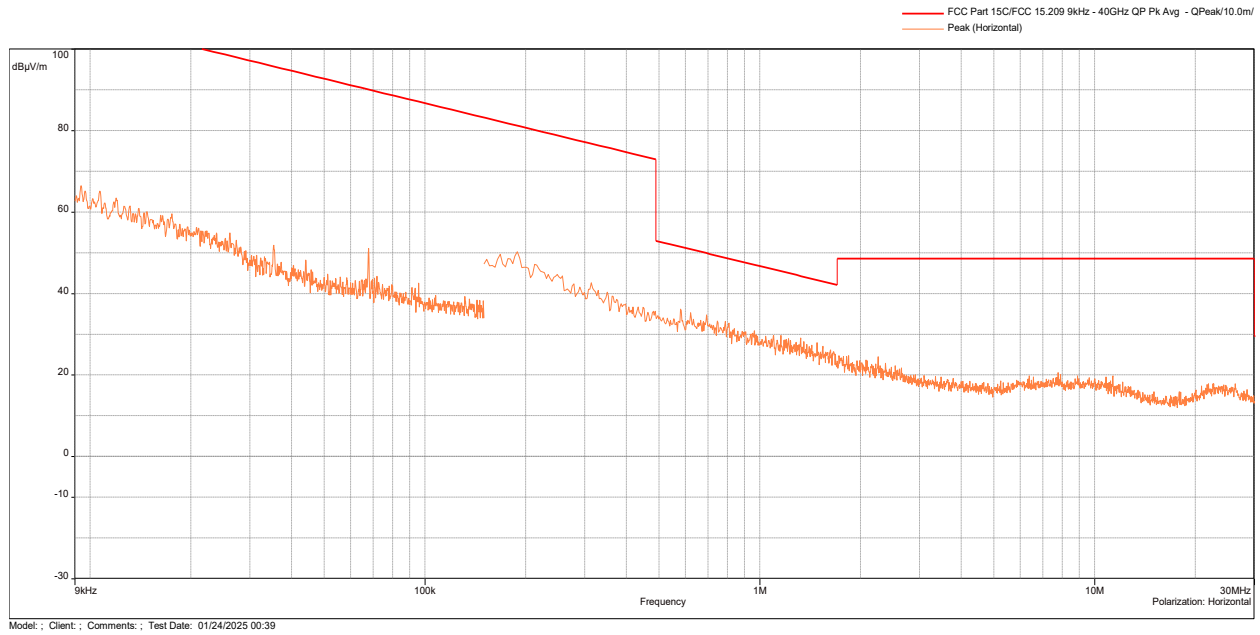
Frequency (MHz)	Peak (dBμV/m)	Lim.Avg (dBμV/m)	Peak-Lim.Avg (dB)	Height (m)	Angle (°)	Polarity	Correction (dB)
19523.87	50.92	54	-3.08	1	314.34	Vertical	-8.31

Results

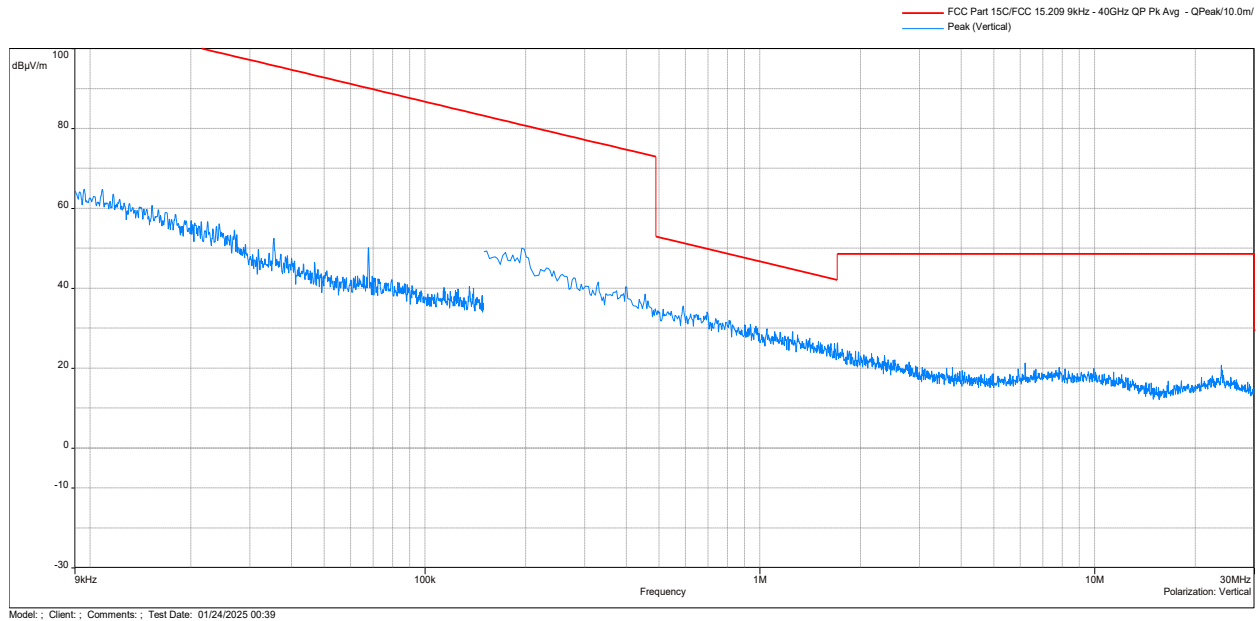
Complies

Test Results: 15.209 Radiated Spurious Emissions High Channel, Tx at 2470MHz

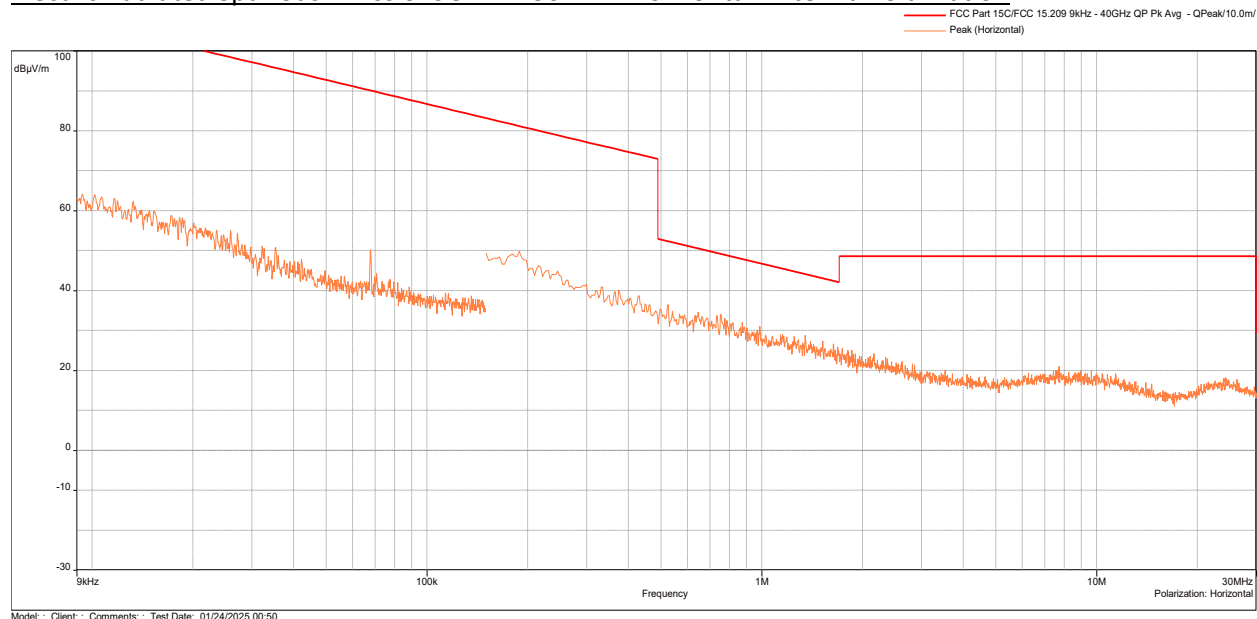
Electric Radiated Spurious Emissions 9kHz - 30 MHz Parallel Antenna Polarization



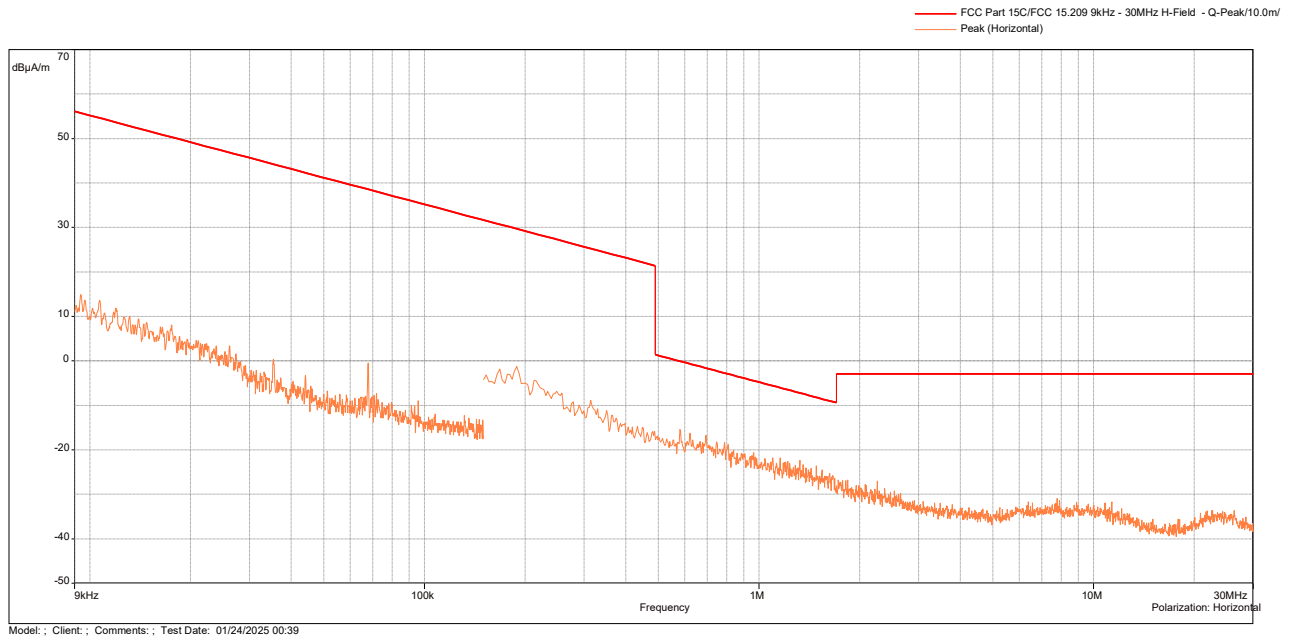
Electric Radiated Spurious Emissions 9kHz - 30 MHz Perpendicular Antenna Polarization



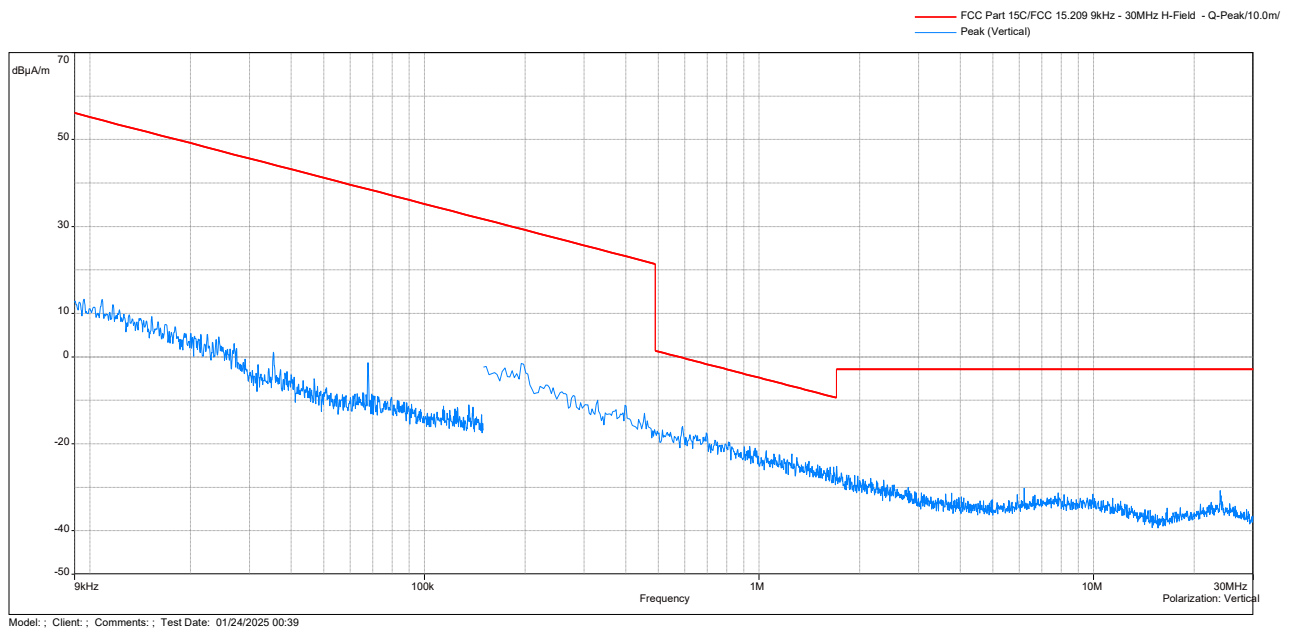
Electric Radiated Spurious Emissions 9kHz - 30 MHz Horizontal Antenna Polarization



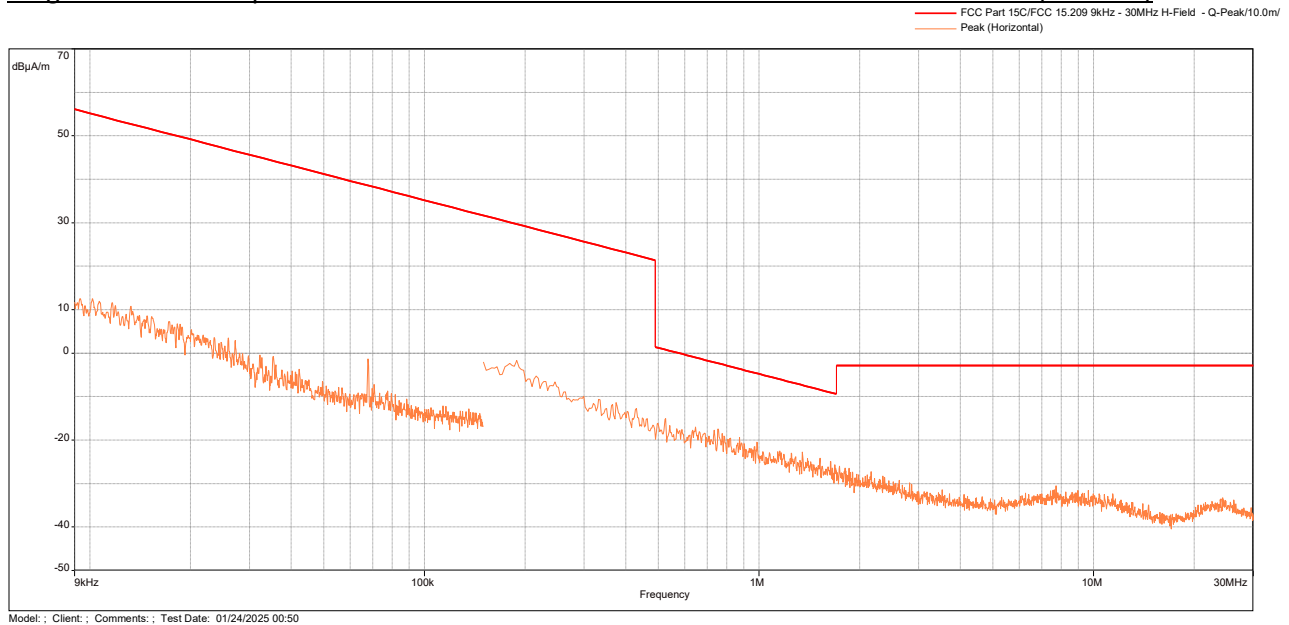
Magnetic Radiated Spurious Emissions 9kHz - 30 MHz Parallel Antenna Polarization (Power 9)



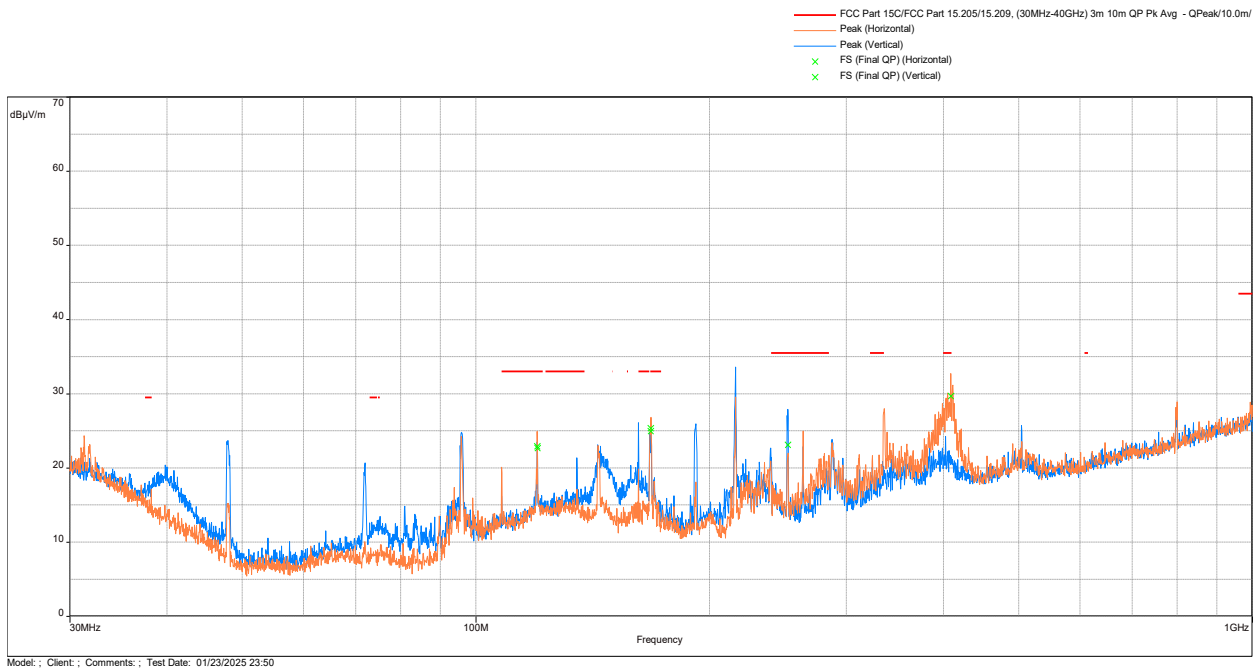
Magnetic Radiated Spurious Emissions 9kHz - 30 MHz Perpendicular Antenna Polarization (Power 9)



Magnetic Radiated Spurious Emissions 9kHz - 30 MHz Horizontal Antenna Polarization (Power 9)

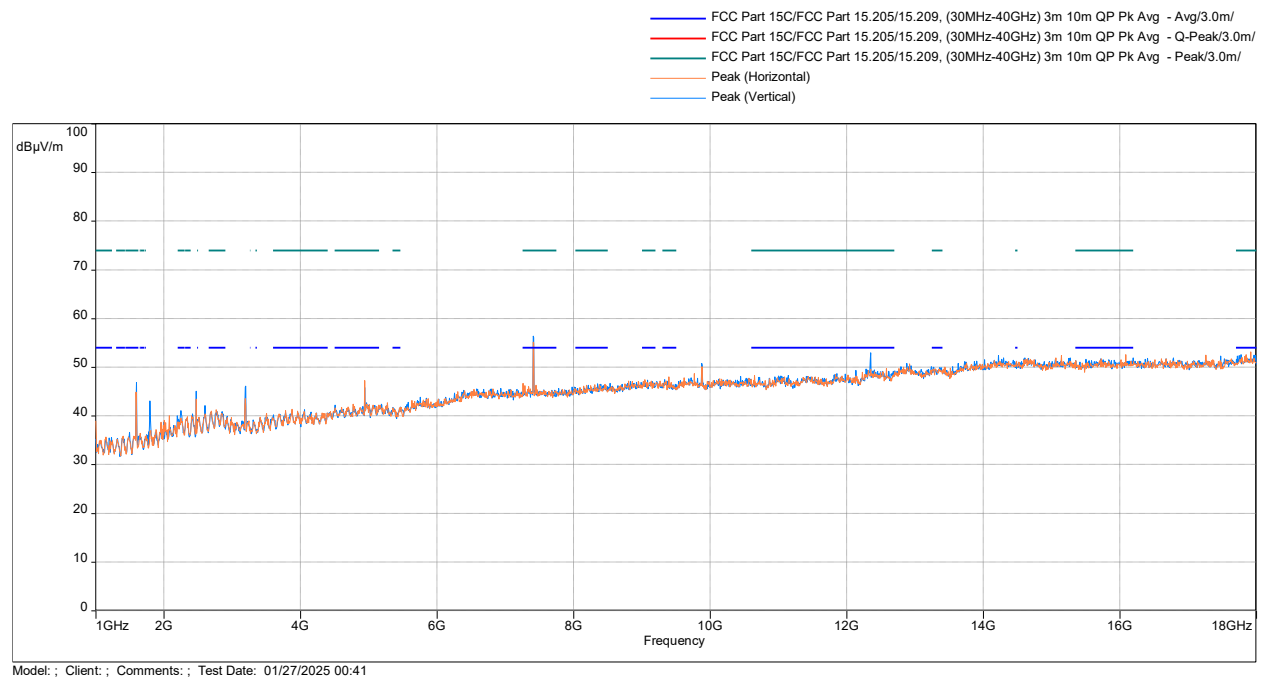


Radiated Spurious Emissions 30 MHz - 1000 MHz (Power 9)

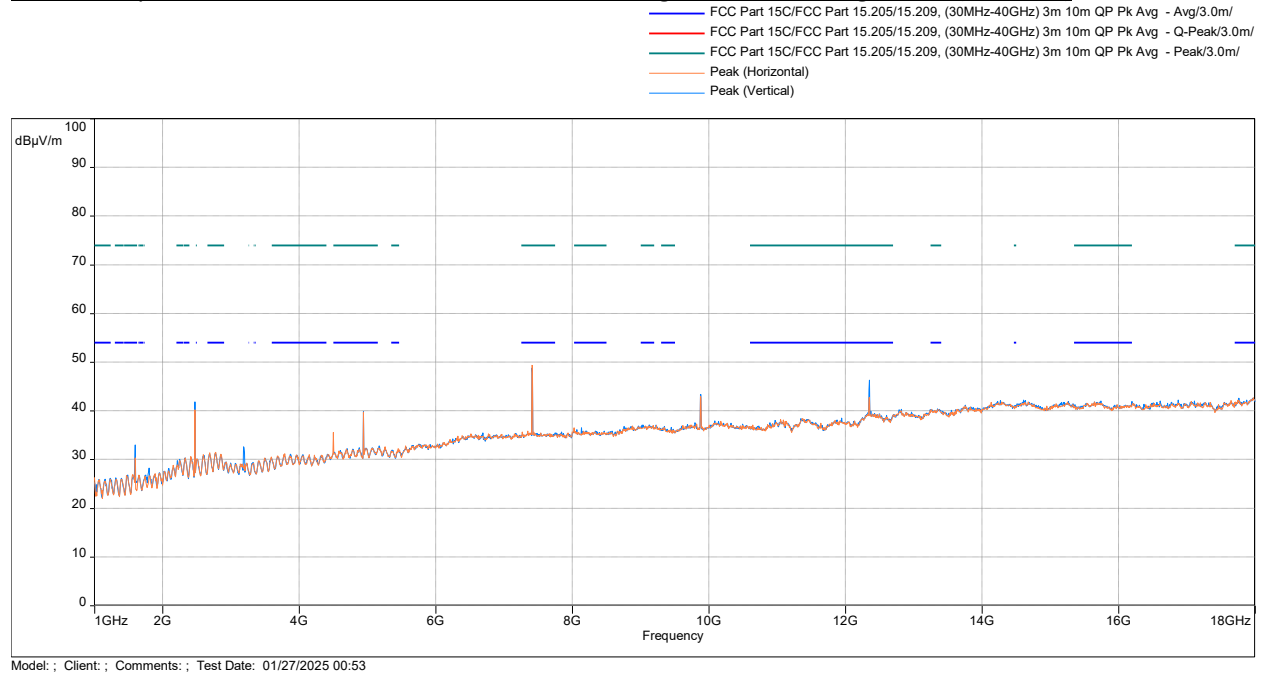


Frequency (MHz)	FS (dB μ V/m)	Limit (dB(μ V/m))	Margin (dB)	Azimuth (deg)	Height (m)	Polarity	RA (dB μ V)	Correction (dB)
119.9997	22.92	33	-10.08	235.75	1.4	Horizontal	35.72	-12.79
120.0029	22.67	33	-10.33	156.5	1.23	Vertical	35.47	-12.79
167.8739	25.35	33	-7.65	48.25	4	Horizontal	39.91	-14.55
168	24.97	33	-8.03	67	1.33	Vertical	39.52	-14.56
252.2177	23.09	35.5	-12.41	144	1.12	Vertical	37.39	-14.3
408.97	29.69	35.5	-5.81	31.25	1.99	Horizontal	39.33	-9.65

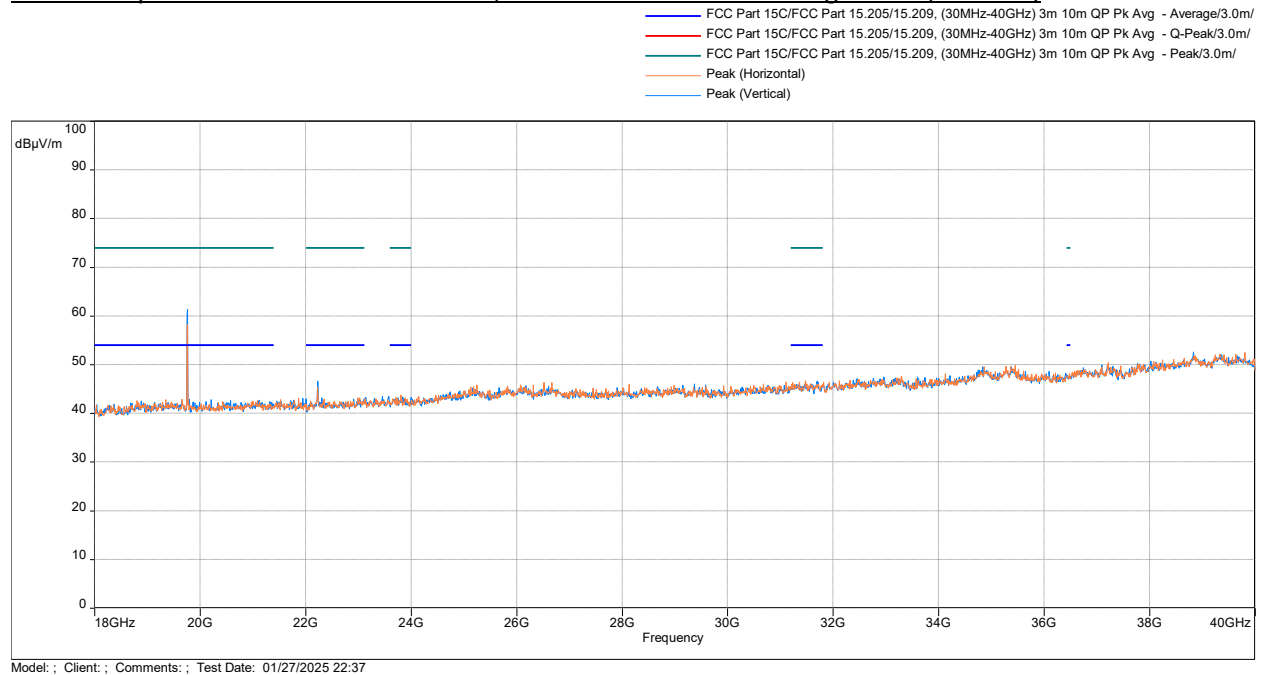
Radiated Spurious Emissions 1000 - 18000 MHz, Peak Scan vs Peak & Average Limit (Power 9)



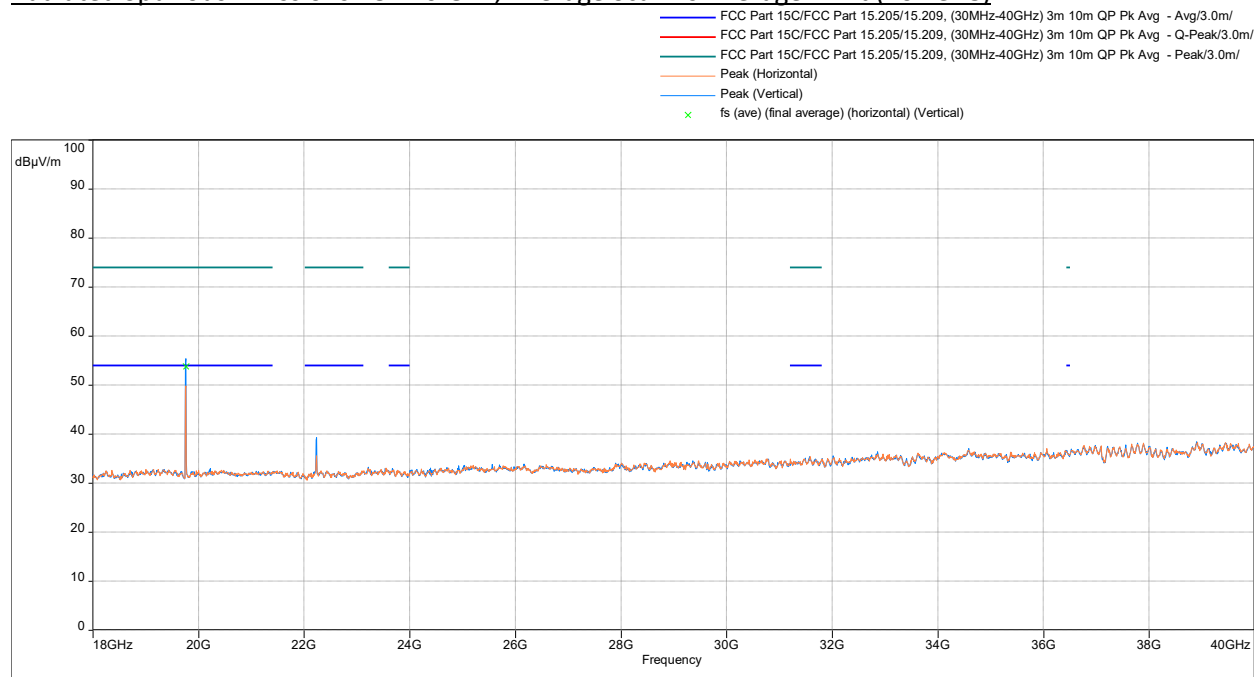
Radiated Spurious Emissions 1000 - 18000 MHz, Average Scan vs Average Limit (Power 9)



Radiated Spurious Emissions 18 - 40 GHz, Peak Scan vs Peak & Average Limit (Power 9)



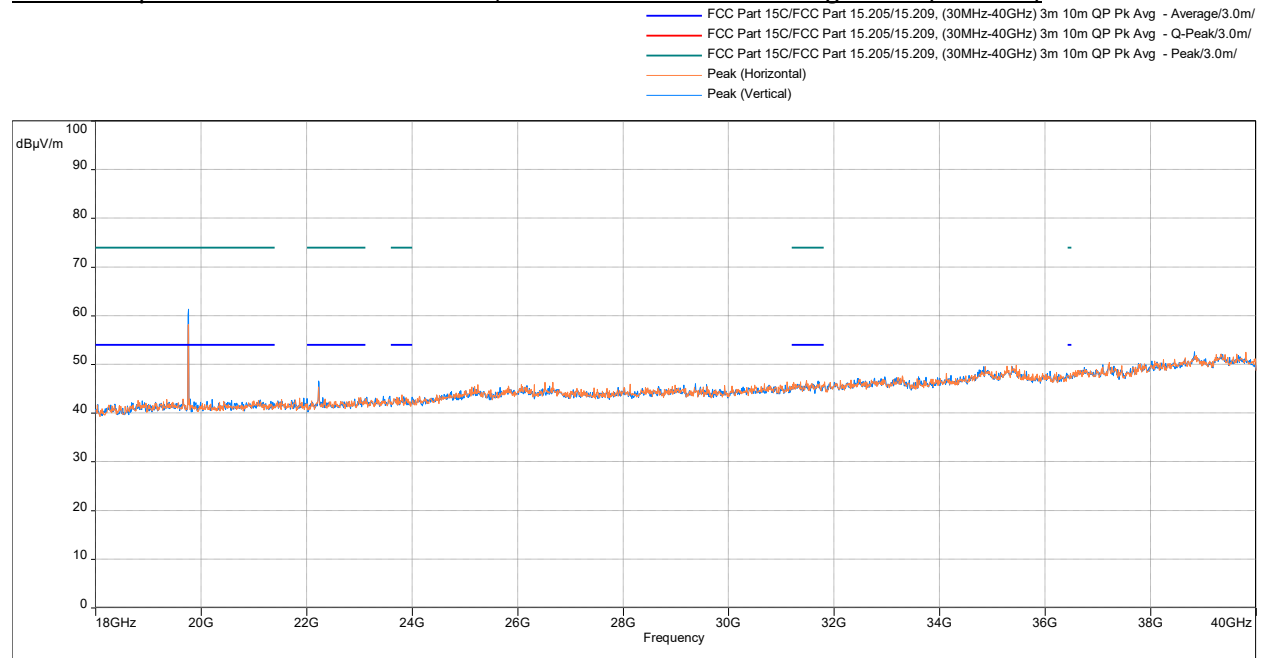
Radiated Spurious Emissions 18 - 40 GHz, Average Scan vs Average Limit (Power 8)



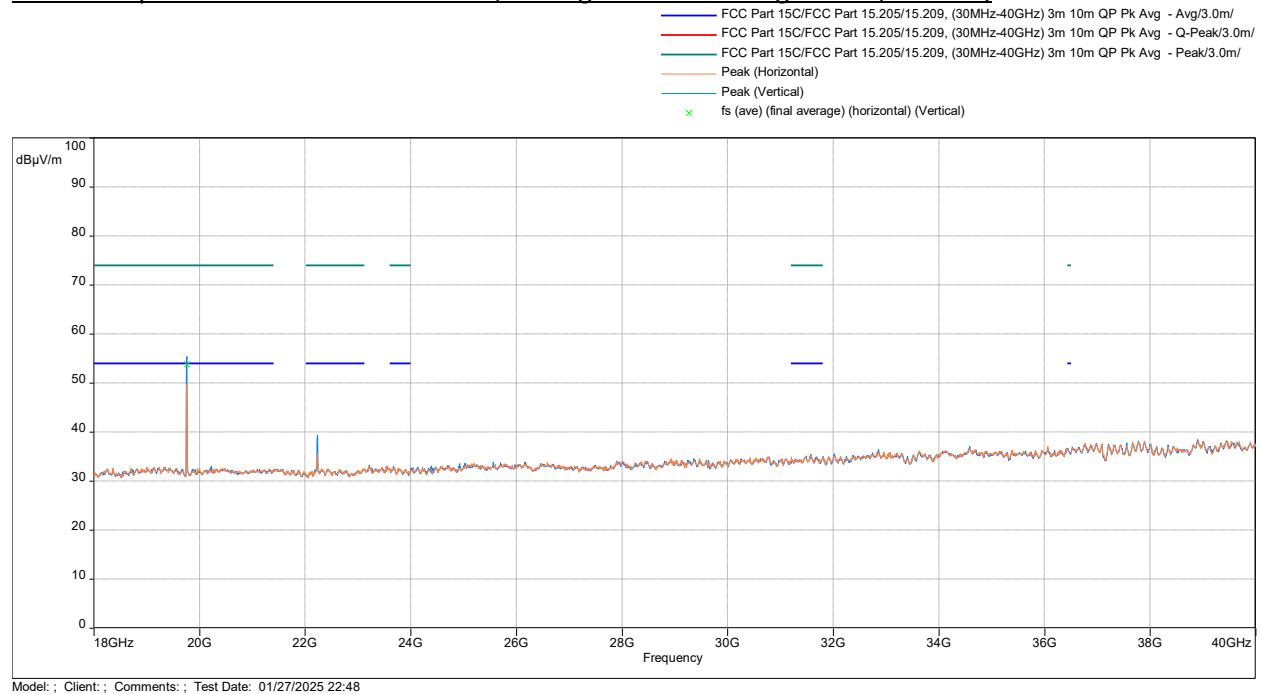
Frequency (MHz)	FS (Ave) (dBμV/m)	Ave Limit (dB(uV/m))	Ave Margin (dB)	Azimuth (deg)	Height (m)	Peak (dBuV/m)	Polarity	RA (dBuV)
19764.42	53.81	54	-0.19	324.17	3.98	60.82	Vertical	62.05

Test Results: 15.209 Radiated Spurious Emissions Tx at 2465MHz

Radiated Spurious Emissions 18 - 40 GHz, Peak Scan vs Peak & Average Limit (Power 9)



Radiated Spurious Emissions 18 - 40 GHz, Average Scan vs Average Limit (Power 9)



Frequency (MHz)	Peak (dBμV/m)	Lim.Avg (dBμV/m)	Peak-Lim.Avg (dB)	Height (m)	Angle (°)	Polarity	Correction (dB)
19716	52.03	54	-1.97	2.5	193.26	Vertical	-8.24
19716	49.94	54	-4.06	3.5	267.06	Horizontal	-8.24
19724.07	51.11	54	-2.89	2.5	193.26	Vertical	-8.24
19724.07	48.8	54	-5.2	3.5	267.06	Horizontal	-8.24

Results	Complies
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4.5.5 Test Setup Configuration

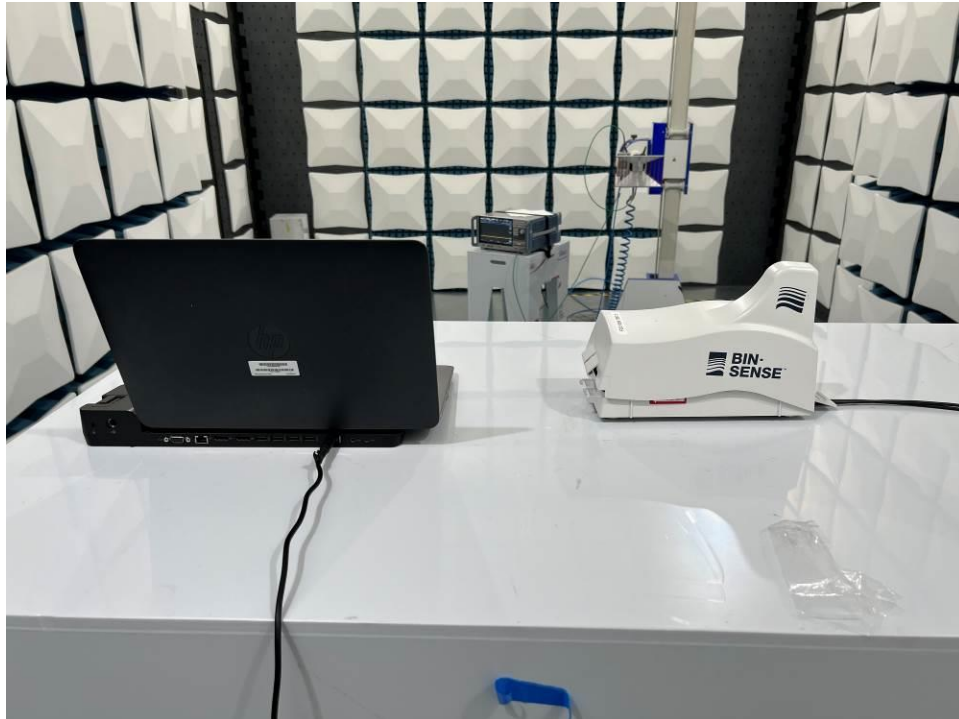
The following photographs show the testing configurations used.



4.5.5 Test Setup Configuration (Continued)



4.5.5 Test Setup Configuration (Continued)



4.6 AC Line Conducted Emission FCC: 15.207; RSS-GEN;

4.6.1 Requirement

Frequency Band MHz	Class B Limit dB(μ V)		Class A Limit dB(μ V)	
	Quasi-Peak	Average	Quasi-Peak	Average
0.15-0.50	66 to 56 *	56 to 46 *	79	66
0.50-5.00	56	46	73	60
5.00-30.00	60	50	73	60

*Note: *Decreases linearly with the logarithm of the frequency. At the transition frequency the lower limit applies.*

4.6.2 Procedure

Measurements are carried out using quasi-peak and average detector receivers in accordance with CISPR 16. An AMN is required to provide a defined impedance at high frequencies across the power feed at the point of measurement of terminal voltage and also to provide isolation of the circuit under test from the ambient noise on the power lines. An AMN as defined in CISPR 16 shall be used.

The EUT is located so that the distance between the boundary of the EUT and the closest surface of the AMN is 0.8m.

Where a flexible mains cord is provided by the manufacturer, this shall be 1m long or if in excess of 1m, the excess cable is folded back and forth as far as possible so as to form a bundle not exceeding 0.4m in length.

The EUT is arranged and connected with cables terminated in accordance with the product specification.

Conducted disturbance is measured between the phase lead and the reference ground, and between the neutral lead and the reference ground. Both measured values are reported.

The EUT, where intended for tabletop use, is placed on a table whose top is 0.8m above the ground plane. A vertical, metal reference plane is placed 0.4m from the EUT. The vertical metal reference-plane is at least 2m by 2m. The EUT shall be kept at least 0.8m from any other metal surface or other ground plane not being part of the EUT. The table is constructed of non-conductive materials. Its dimensions are 1m by 1.5m, but may be extended for larger EUT.

Floor standing EUT are placed on a horizontal metal ground plane and isolated from the ground plane by resting on an insulating material. The metal ground plane extends at least 0.5m beyond the boundaries of the EUT and has minimum dimensions of 2m by 2m.

Equipment setup for conducted disturbance tests followed the guidelines of ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024.

4.6.3 Test Result

Not applicable. The EUT is battery powered only.

5.0 List of Test Equipment

Measurement equipment used for compliance testing utilized the equipment on the following list:

Equipment	Manufacturer	Model/Type	Asset #	Cal Int	Cal Due
EMI Receiver	Rohde and Schwarz	ESW44	ITS 02016	12	05/30/2025
EMI Receiver	Rohde and Schwarz	ESU40	ITS 00961	12	04/26/2025
Horn Antenna (1-18GHz)	RF Spin	DRH18-E	ITS 02114	12	10/02/2025
1-18 Preamplifier	EMC Instruments	EMC118A45SE	ITS 02113	12	10/02/2025
18-40 Preamplifier	EMC Instruments	EMC184045SE	ITS 02112	12	10/02/2025
18-40GHz Horn Antenna	RF Spin	DRH0844	ITS 02115	12	10/03/2025
9kHz-30MHz Passive Loop Antenna	ETS Lindgren	6512	ITS 01573	12	12/02/2025
RF Motion 30MHz-2GHz Bi-Log Antenna	SunAR	JB1	ITS 01577	12	02/29/2025
9kHz-1GHz Pre-amplifier	Sonoma Instruments	310N	ITS 01713	12	02/14/2025
1-40GHz SMA RF Cable 0.5 Meter	Absolute EMC	50586-39	ITS 02098	12	08/19/2025
1-40GHz SMA RF Cable 3 Meter	Absolute EMC	50586-197	ITS 02099	12	08/19/2025
Notch Filter	MICRO-TRONICS	BRM50702	ITS 02062	12	02/14/2025

Software used for emission compliance testing utilized the following:

Name	Manufacturer	Version
BAT-EMC	Nexio	3.20.0.23
RS Commander	Rohde Schwarz	1.6.4

6.0 Document History

Revision/ Job Number	Writer Initials	Reviewers Initials	Date	Change
0 / G106033026	AM	AC	February 13, 2025	Original document
1 / G106562063	AM	AC	May 5, 2026	Performed a technical review of report to ensure standard is up to date.
2 / G106562063	AM	AC	June 5, 2026	Updated ANSI c63 version Presented EIRP results Listed limits for Conducted Output Power Added test laboratory company number Added 9kHz-30MHz data in dBuA/m Updated signing date

END OF REPORT