

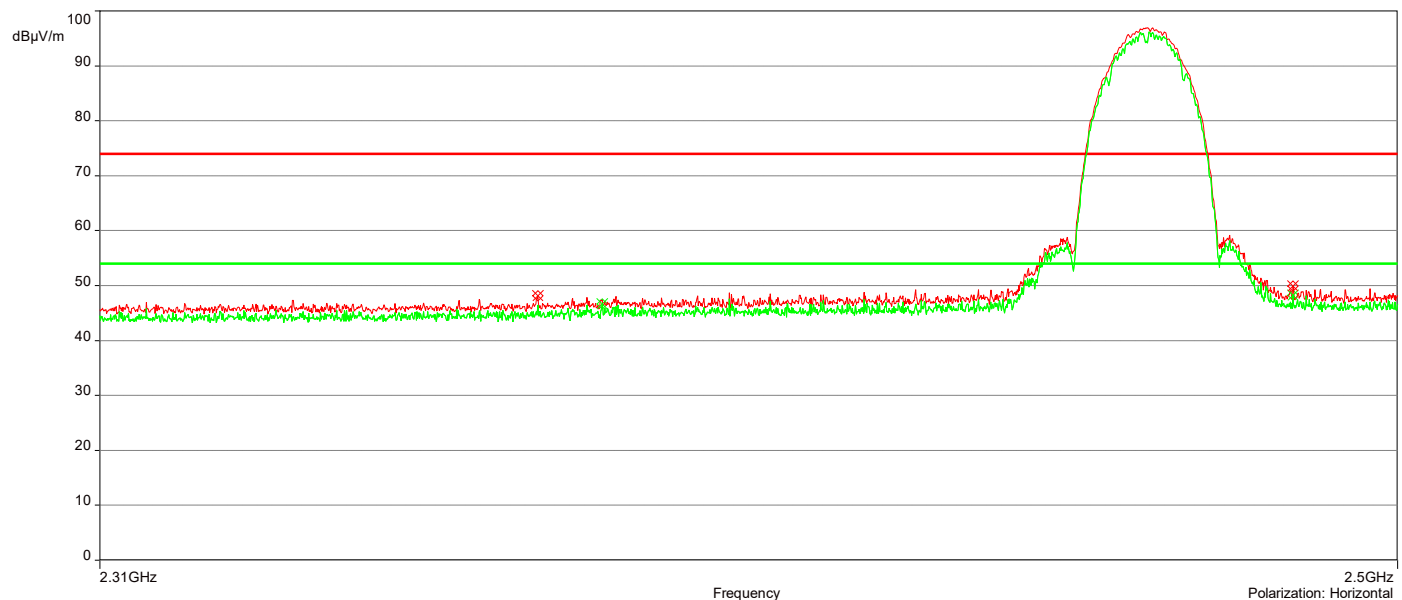
J23220_W306#1_2.4G_Restricted Bandedge_802.11b_1Mbps_Ch 11

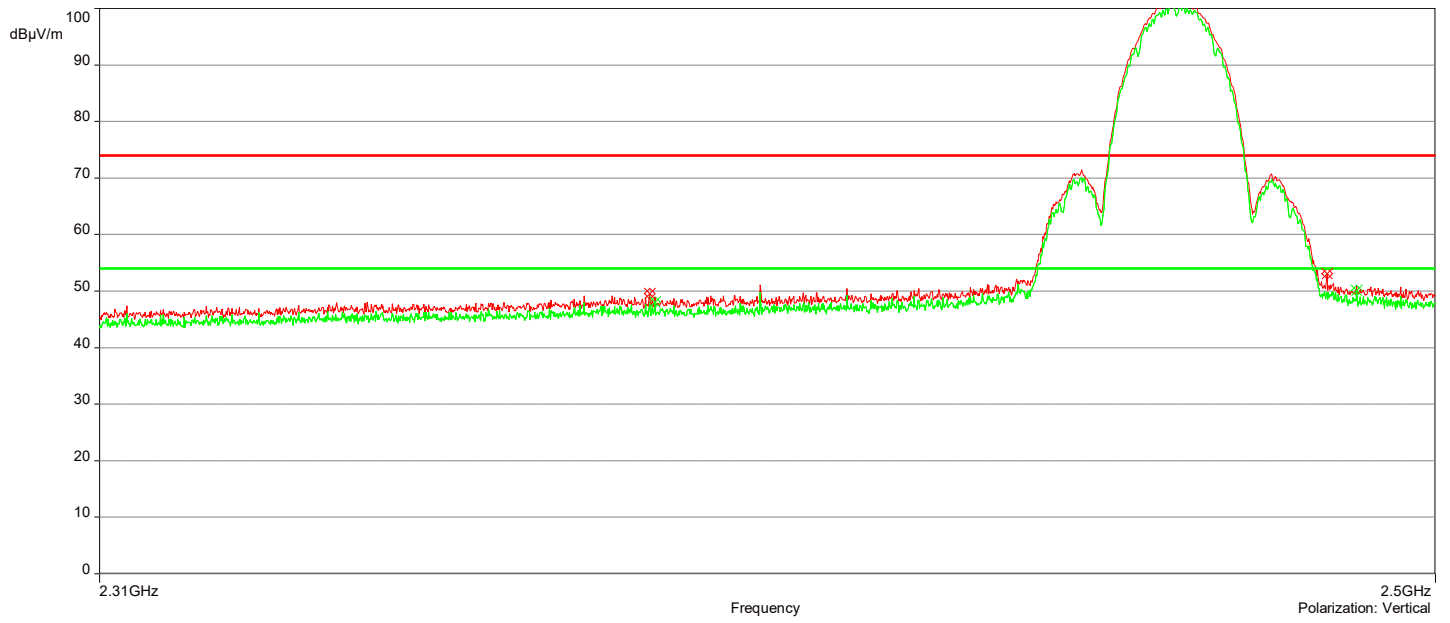
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No	Frequency (MHz)	Level Peak Reading (dBμV/m)	Correction Factor (dB)	Limit dBμV/m	Margin (dB)	Height (m)	Angle (°)	Polarization	Judgement
1.	2.3864182GHz	49.56	-2.82	74.00	-24.44	1.50	58.20	Vertical	Passed
2.	2.484032GHz	53.12	-2.30	74.00	-20.88	1.50	156.90	Vertical	Passed
3.	2.3724462GHz	48.13	-3.11	74.00	-25.87	4.00	228.80	Horizontal	Passed
4.	2.4841271GHz	49.95	-2.22	74.00	-24.05	4.00	213.10	Horizontal	Passed

No	Frequency (MHz)	Level Average Reading (dBμV/m)	Correction Factor (dB)	Limit dBμV/m	Margin (dB)	Height (m)	Angle (°)	Polarization	Judgment
1.	2.3871786GHz	48.07	-2.82	54.00	-5.93	4.00	63.10	Vertical	Passed
2.	2.4884042GHz	50.11	-2.25	54.00	-3.89	3.00	210.60	Vertical	Passed
3.	2.3817609GHz	46.68	-2.98	54.00	-7.32	3.50	0.10	Horizontal	Passed
4.	2.4841271GHz	48.21	-2.22	54.00	-5.79	4.00	213.10	Horizontal	Passed

Overall Graphs:





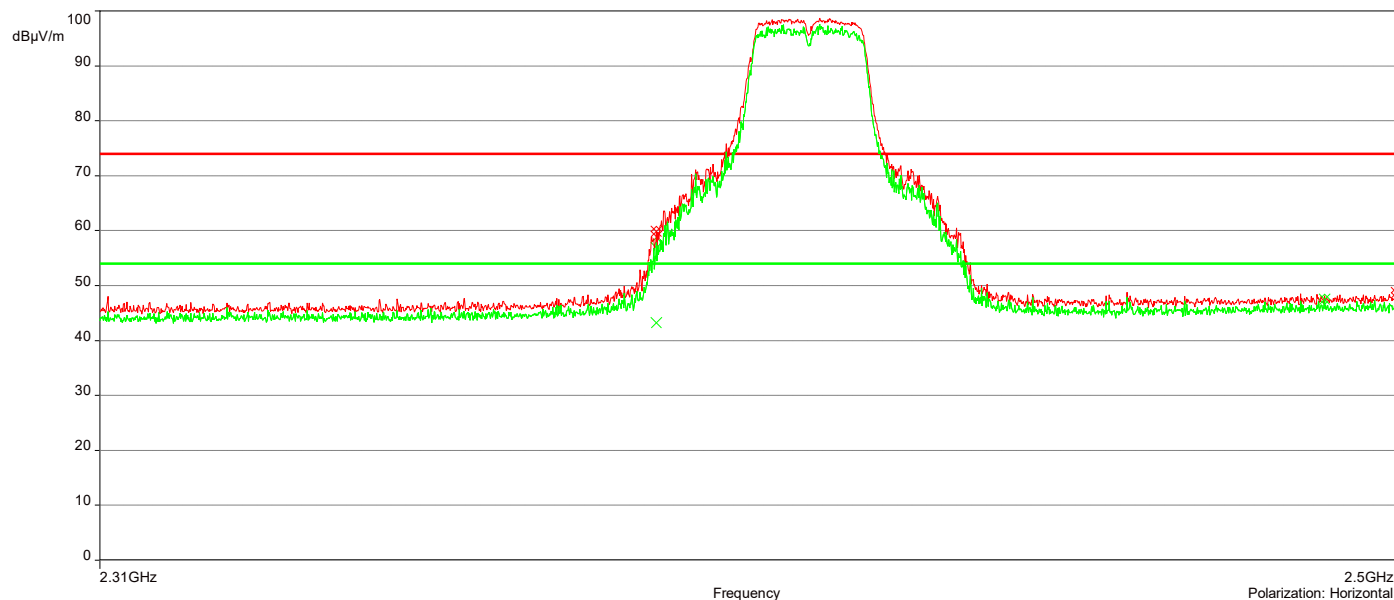
J23220_W306#1_2.4G_Restricted Bandedge_802.11g_6Mbps_Ch 1

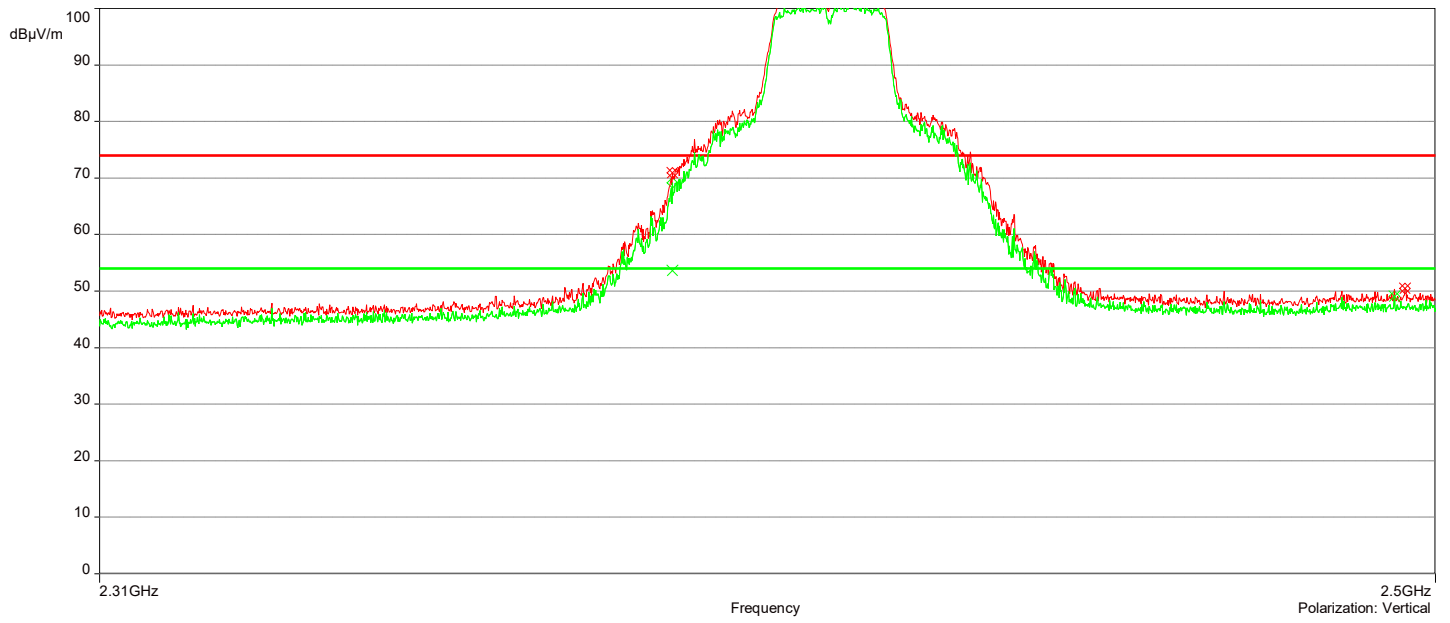
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No	Frequency (MHz)	Level Peak Reading (dBμV/m)	Correction Factor (dB)	Limit dBμV/m	Margin (dB)	Height (m)	Angle (°)	Polarization	Judgement
1.	2.3896498GHz	70.88	-2.80	74.00	-3.12	1.00	38.10	Vertical	Passed
2.	2.4955328GHz	50.48	-2.24	74.00	-23.52	4.00	87.10	Vertical	Passed
3.	2.3896498GHz	59.87	-2.86	74.00	-14.13	4.00	333.30	Horizontal	Passed
4.	2.4998099GHz	48.66	-2.20	74.00	-25.34	3.00	297.80	Horizontal	Passed

No	Frequency (MHz)	Level Average Reading (dBμV/m)	Correction Factor (dB)	Limit dBμV/m	Margin (dB)	Height (m)	Angle (°)	Polarization	Judgment
1.	2.3896498GHz	53.63	-2.80	54.00	-0.37	1.00	38.10	Vertical	Passed
2.	2.493917GHz	49.08	-2.24	54.00	-4.92	4.00	144.60	Vertical	Passed
3.	2.3896498GHz	43.26	-2.86	54.00	-10.74	4.00	333.30	Horizontal	Passed
4.	2.4888794GHz	47.46	-2.22	54.00	-6.54	1.00	266.60	Horizontal	Passed

Overall Graphs:





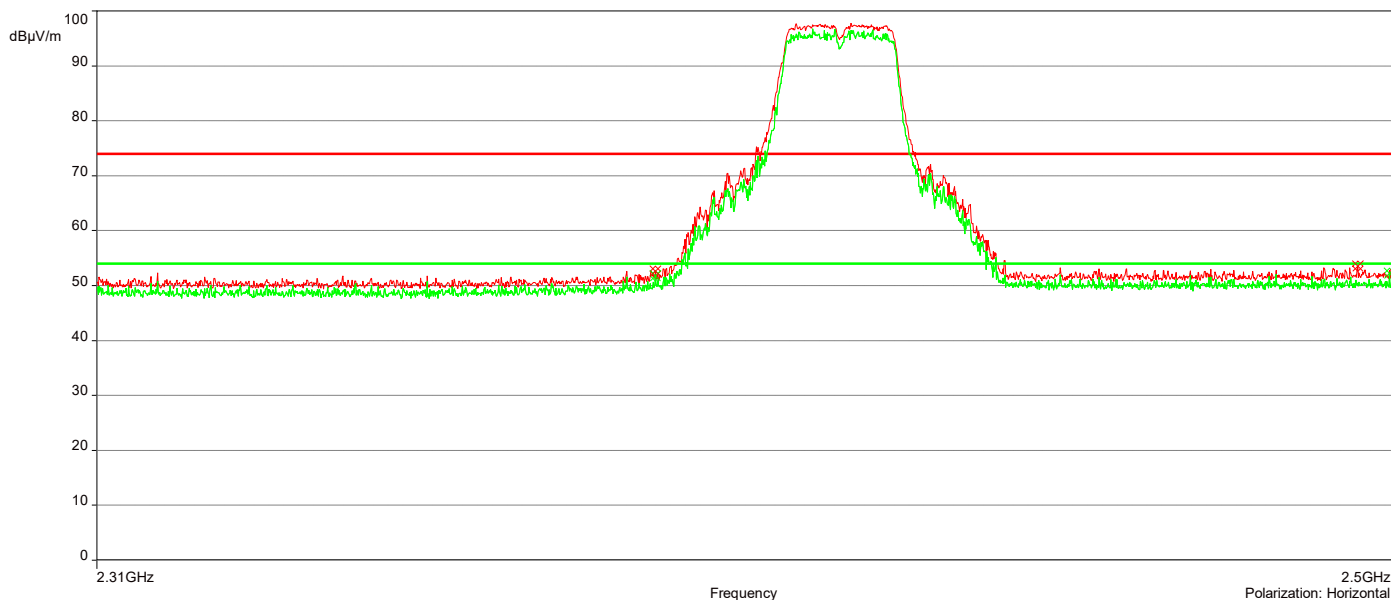
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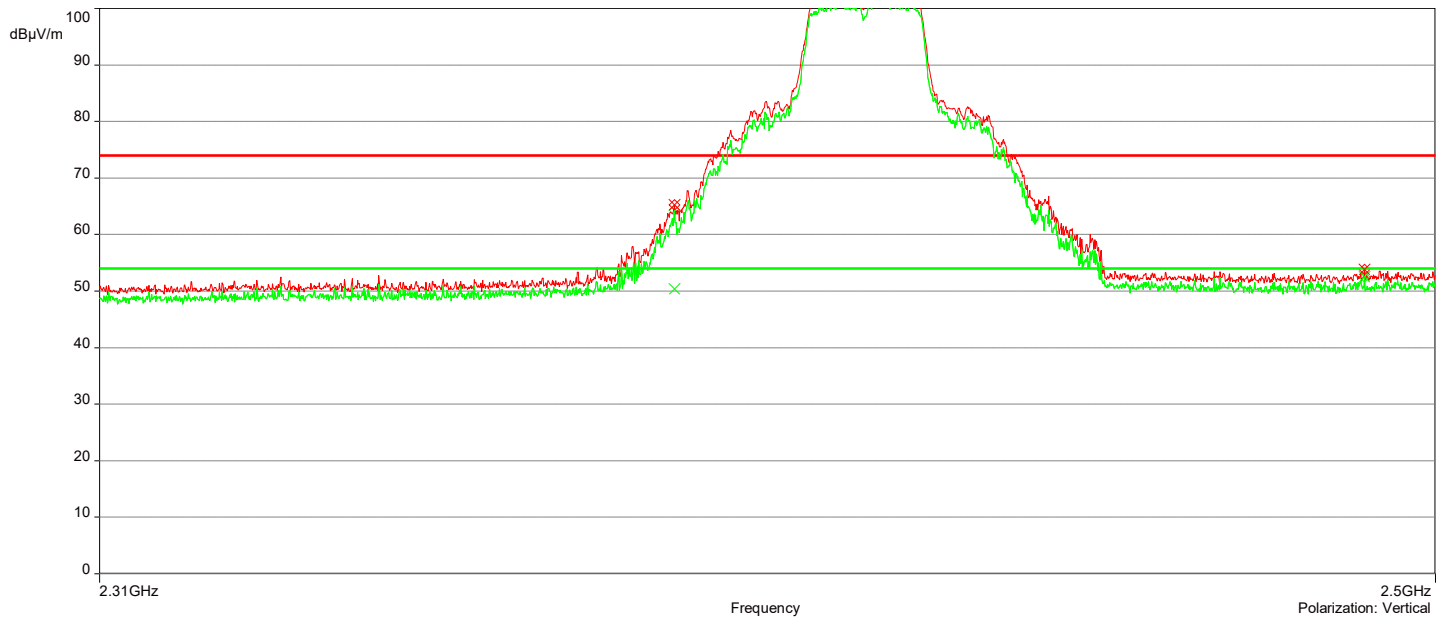
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No	Frequency (MHz)	Level Peak Reading (dBμV/m)	Correction Factor (dB)	Limit dBμV/m	Margin (dB)	Height (m)	Angle (°)	Polarization	Judgement
1.	2.389935GHz	65.21	-2.80	74.00	-8.79	1.00	40.40	Vertical	Passed
2.	2.4895448GHz	53.80	-2.24	74.00	-20.20	1.00	164.40	Vertical	Passed
3.	2.389935GHz	52.65	-2.86	74.00	-21.35	3.50	199.10	Horizontal	Passed
4.	2.4943922GHz	53.55	-2.21	74.00	-20.45	3.00	12.50	Horizontal	Passed

No	Frequency (MHz)	Level Average Reading (dBμV/m)	Correction Factor (dB)	Limit dBμV/m	Margin (dB)	Height (m)	Angle (°)	Polarization	Judgment
1.	2.389935GHz	50.41	-2.80	54.00	-3.59	1.00	40.40	Vertical	Passed
2.	2.4895448GHz	52.53	-2.24	54.00	-1.47	1.00	164.40	Vertical	Passed
3.	2.389935GHz	51.74	-2.86	54.00	-2.26	3.50	199.10	Horizontal	Passed
4.	2.4992396GHz	52.20	-2.20	54.00	-1.80	1.50	247.40	Horizontal	Passed

Overall Graphs:





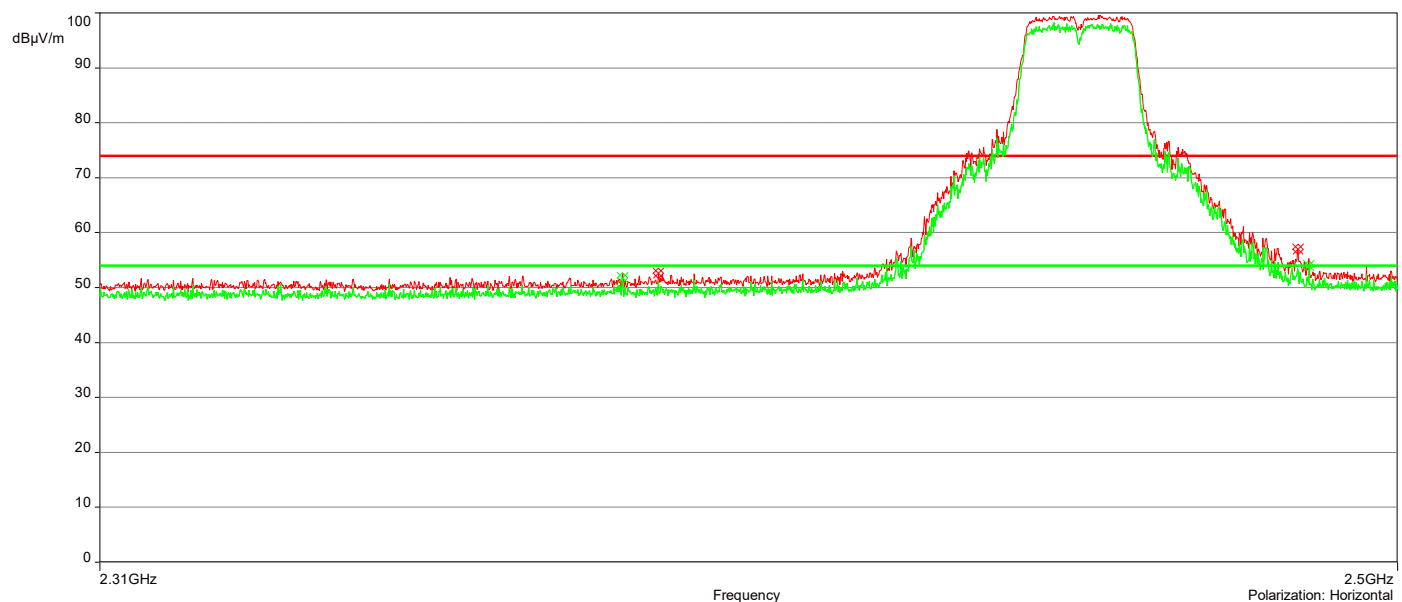
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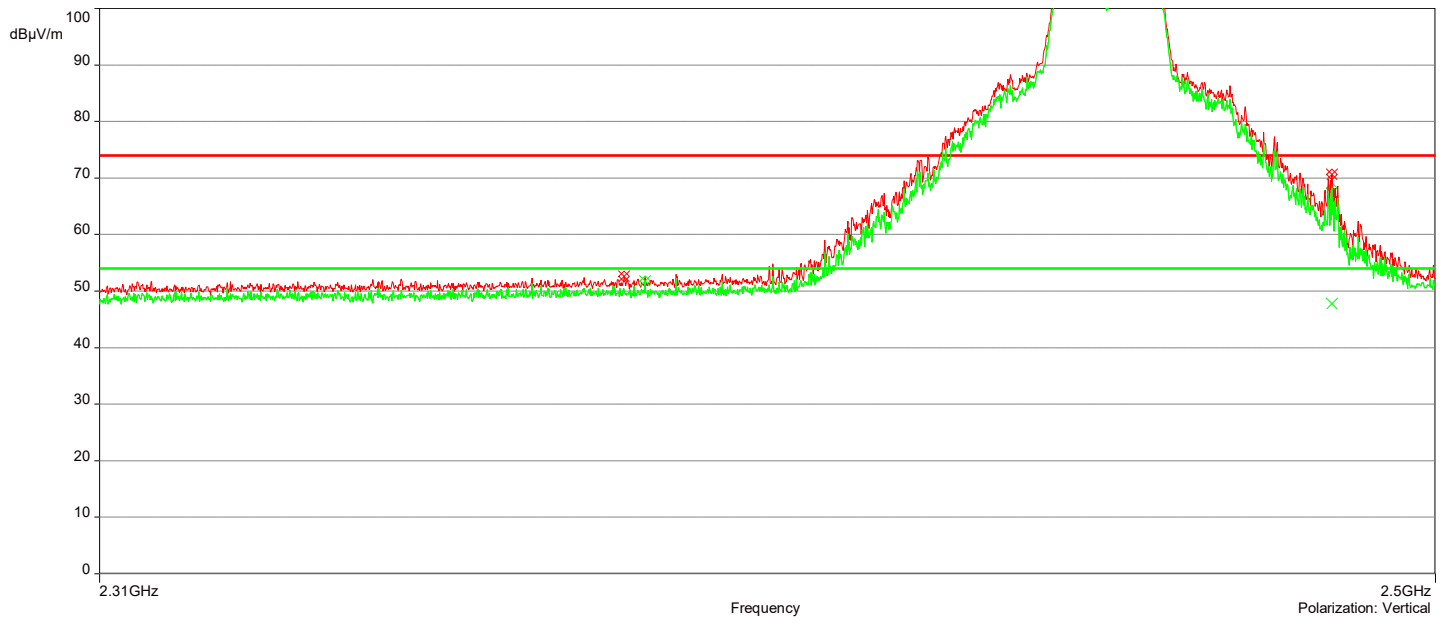
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No	Frequency (MHz)	Level Peak Reading (dBμV/m)	Correction Factor (dB)	Limit dBμV/m	Margin (dB)	Height (m)	Angle (°)	Polarization	Judgement
1.	2.3828064GHz	52.66	-2.84	74.00	-21.34	1.00	350.00	Vertical	Passed
2.	2.4846973GHz	70.61	-2.29	74.00	-3.39	1.00	33.00	Vertical	Passed
3.	2.389935GHz	52.61	-2.86	74.00	-21.39	4.00	348.40	Horizontal	Passed
4.	2.4848874GHz	56.94	-2.22	74.00	-17.06	4.00	320.40	Horizontal	Passed

No	Frequency (MHz)	Level Average Reading (dBμV/m)	Correction Factor (dB)	Limit dBμV/m	Margin (dB)	Height (m)	Angle (°)	Polarization	Judgment
1.	2.3857529GHz	51.74	-2.83	54.00	-2.26	2.00	33.10	Vertical	Passed
2.	2.4846973GHz	47.75	-2.29	54.00	-6.25	1.00	33.00	Vertical	Passed
3.	2.3847074GHz	51.76	-2.94	54.00	-2.24	2.00	210.00	Horizontal	Passed
4.	2.4865033GHz	53.97	-2.22	54.00	-0.03	4.00	350.00	Horizontal	Passed

Overall Graphs:





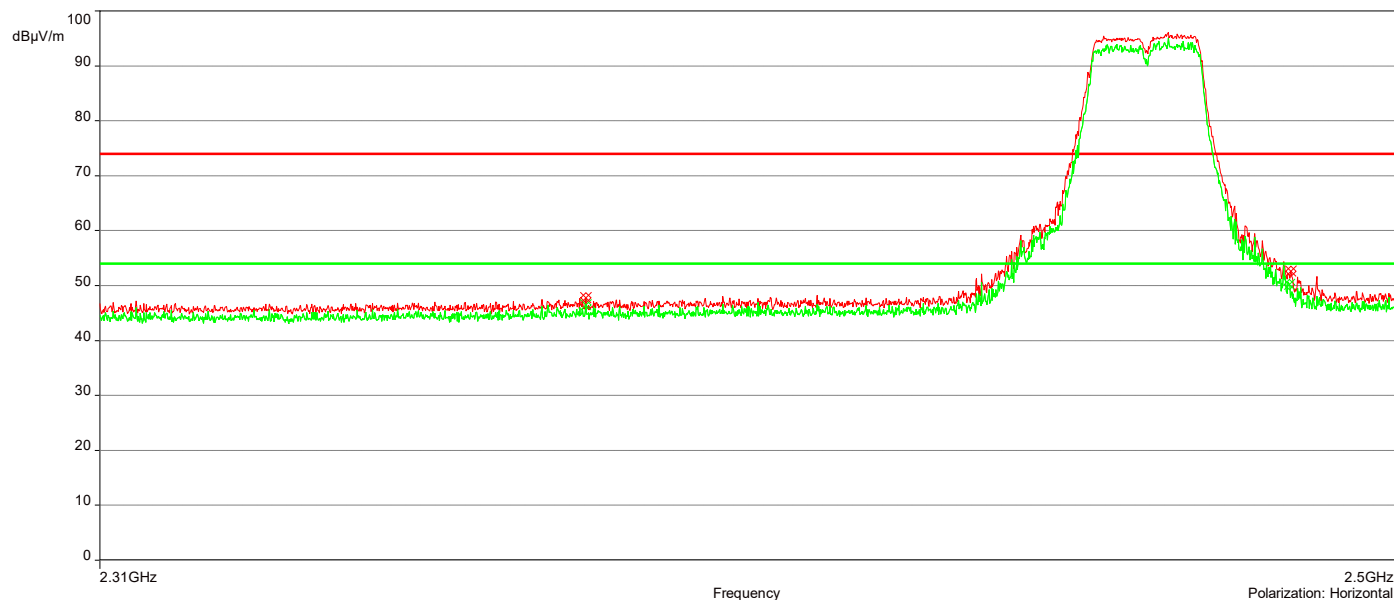
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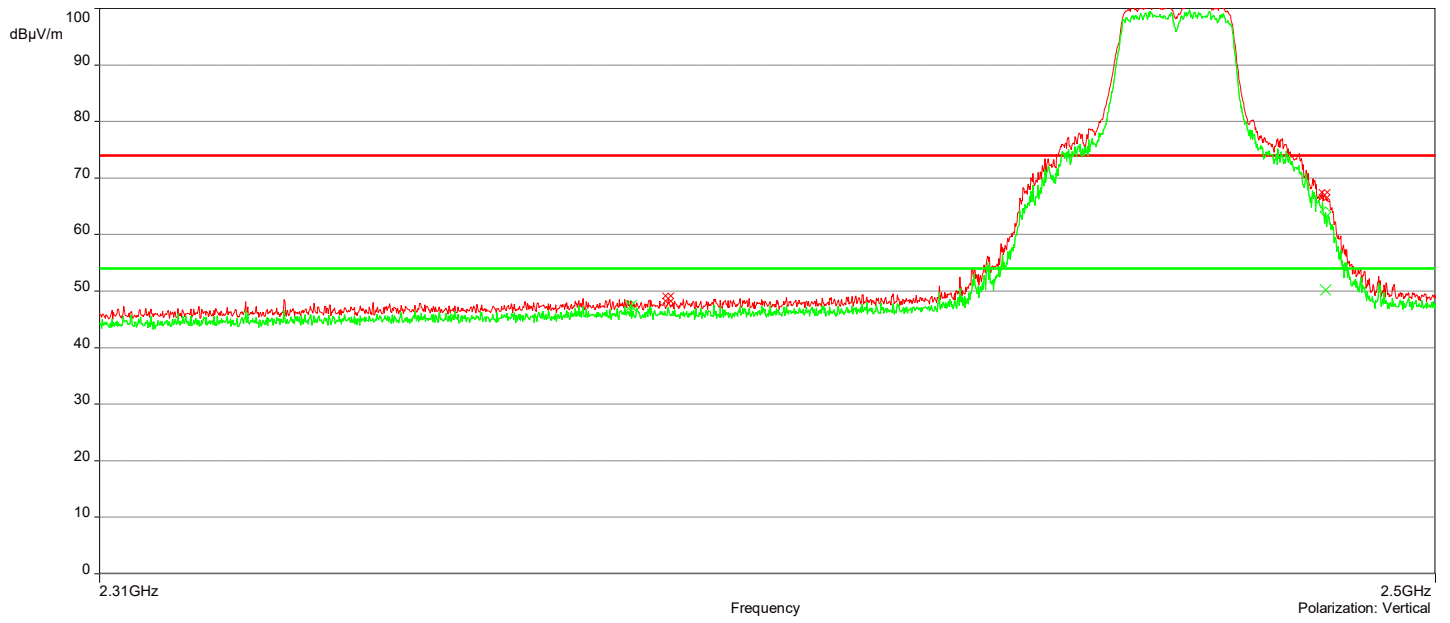
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No	Frequency (MHz)	Level Peak Reading (dBμV/m)	Correction Factor (dB)	Limit dBμV/m	Margin (dB)	Height (m)	Angle (°)	Polarization	Judgement
1.	2.3890795GHz	48.75	-2.81	74.00	-25.25	1.00	12.20	Vertical	Passed
2.	2.4836518GHz	66.99	-2.30	74.00	-7.01	1.50	22.80	Vertical	Passed
3.	2.3793847GHz	47.75	-3.02	74.00	-26.25	2.00	140.50	Horizontal	Passed
4.	2.4838419GHz	52.62	-2.22	74.00	-21.38	4.00	204.20	Horizontal	Passed

No	Frequency (MHz)	Level Average Reading (dBμV/m)	Correction Factor (dB)	Limit dBμV/m	Margin (dB)	Height (m)	Angle (°)	Polarization	Judgment
1.	2.3837569GHz	47.43	-2.84	54.00	-6.57	3.50	43.50	Vertical	Passed
2.	2.4838419GHz	50.20	-2.30	54.00	-3.80	1.50	24.90	Vertical	Passed
3.	2.3793847GHz	46.52	-3.02	54.00	-7.48	2.00	140.50	Horizontal	Passed
4.	2.4835568GHz	50.18	-2.23	54.00	-3.82	4.00	211.00	Horizontal	Passed

Overall Graphs:





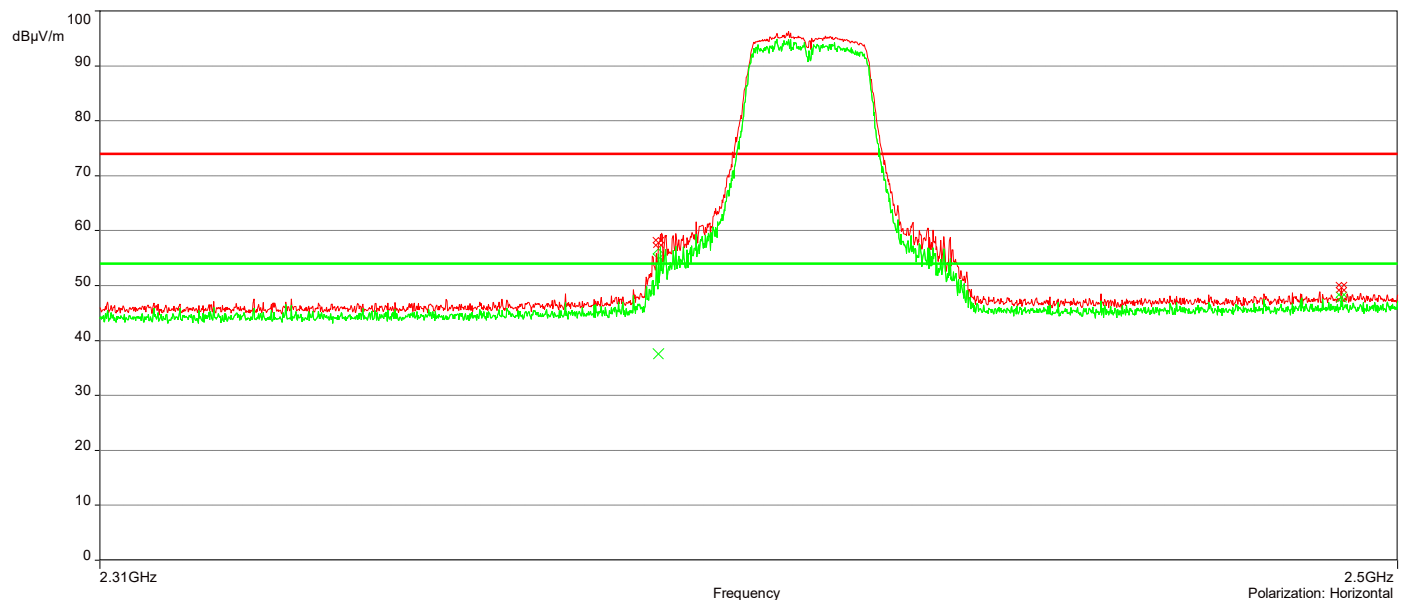
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No	Frequency (MHz)	Level Peak Reading (dBμV/m)	Correction Factor (dB)	Limit dBμV/m	Margin (dB)	Height (m)	Angle (°)	Polarization	Judgement
1.	2.3896498GHz	70.88	-2.80	74.00	-3.12	3.00	140.40	Vertical	Passed
2.	2.4971486GHz	49.58	-2.24	74.00	-24.42	3.00	26.60	Vertical	Passed
3.	2.389935GHz	57.81	-2.86	74.00	-16.19	3.50	347.30	Horizontal	Passed
4.	2.4914457GHz	49.64	-2.21	74.00	-24.36	3.50	203.00	Horizontal	Passed

No	Frequency (MHz)	Level Average Reading (dBμV/m)	Correction Factor (dB)	Limit dBμV/m	Margin (dB)	Height (m)	Angle (°)	Polarization	Judgment
1.	2.3894597GHz	49.49	-2.80	54.00	-4.51	1.00	43.90	Vertical	Passed
2.	2.4854577GHz	48.48	-2.28	54.00	-5.52	1.00	2.40	Vertical	Passed
3.	2.389935GHz	37.52	-2.86	54.00	-16.48	3.50	347.30	Horizontal	Passed
4.	2.4914457GHz	47.87	-2.21	54.00	-6.13	3.50	203.00	Horizontal	Passed

Overall Graphs:





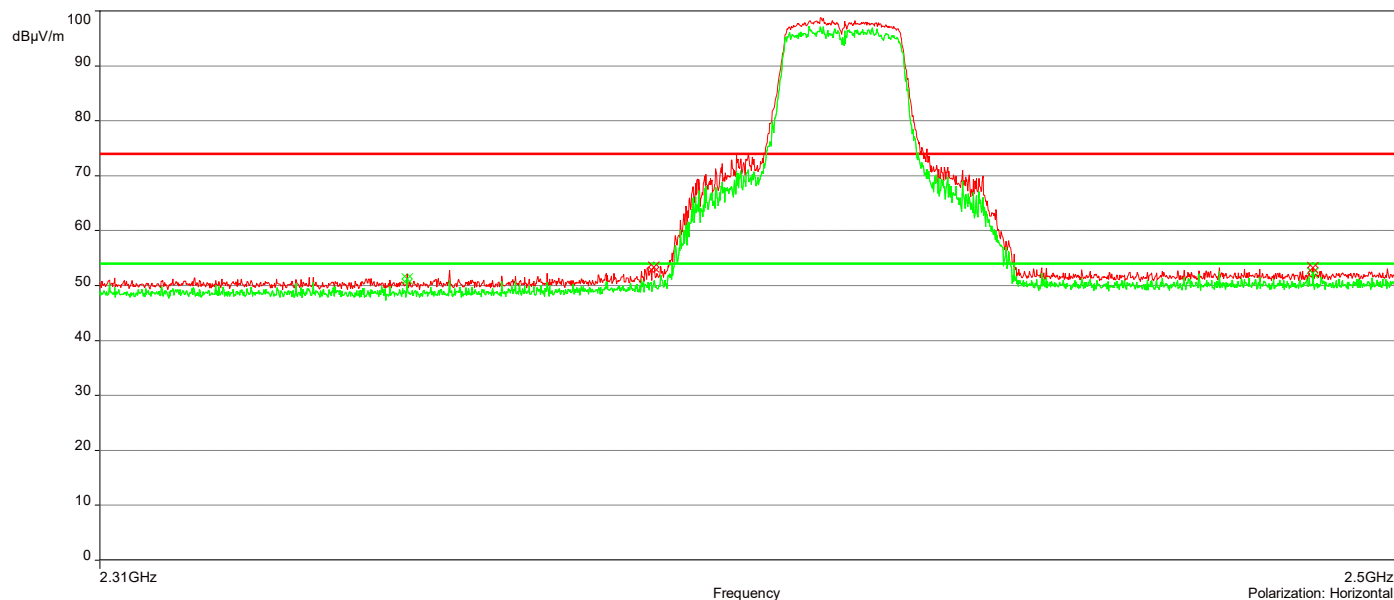
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No	Frequency (MHz)	Level Peak Reading (dBμV/m)	Correction Factor (dB)	Limit dBμV/m	Margin (dB)	Height (m)	Angle (°)	Polarization	Judgement
1.	2.3896498GHz	68.08	-2.80	74.00	-5.92	3.00	141.90	Vertical	Passed
2.	2.4942971GHz	54.27	-2.24	74.00	-19.73	1.00	152.40	Vertical	Passed
3.	2.3892696GHz	53.34	-2.87	74.00	-20.66	3.50	358.90	Horizontal	Passed
4.	2.4871686GHz	53.26	-2.22	74.00	-20.74	1.50	98.50	Horizontal	Passed

No	Frequency (MHz)	Level Average Reading (dBμV/m)	Correction Factor (dB)	Limit dBμV/m	Margin (dB)	Height (m)	Angle (°)	Polarization	Judgment
1.	2.3884142GHz	50.17	-2.81	54.00	-3.83	1.00	33.90	Vertical	Passed
2.	2.4967684GHz	52.53	-2.24	54.00	-1.47	4.00	97.90	Vertical	Passed
3.	2.3536268GHz	51.21	-3.32	54.00	-2.79	3.50	20.80	Horizontal	Passed
4.	2.4871686GHz	52.23	-2.22	54.00	-1.77	1.50	98.50	Horizontal	Passed

Overall Graphs:





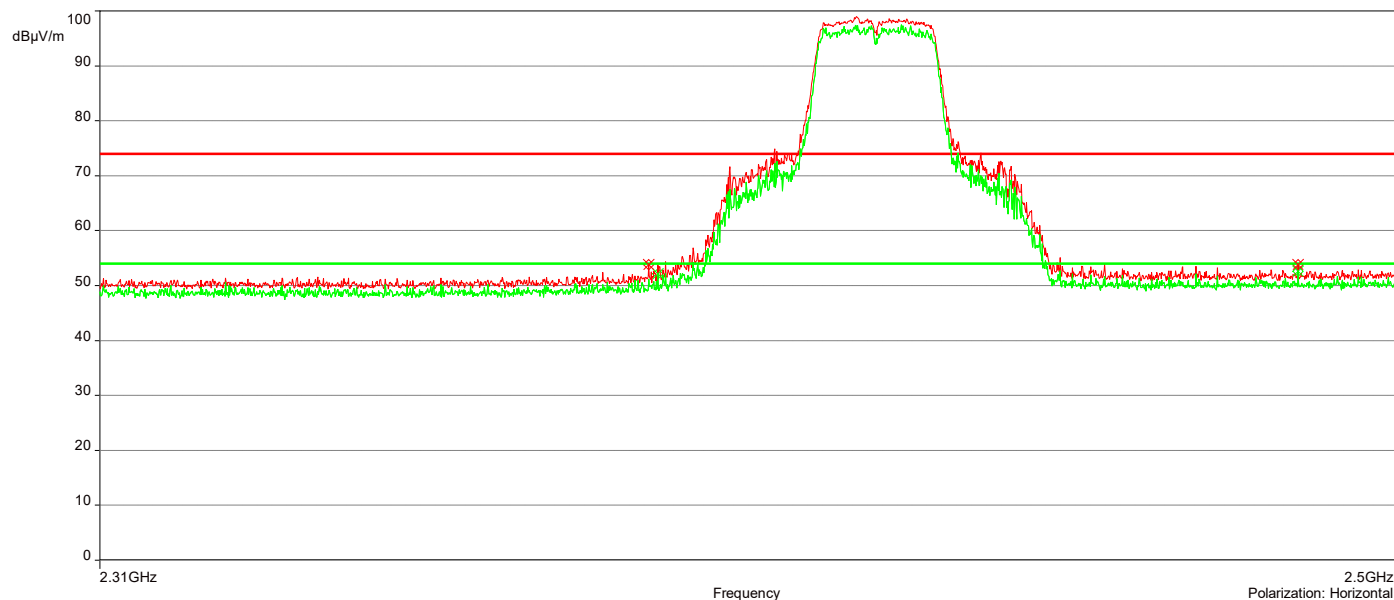
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2/22/2024 2:46:05 PM

No	Frequency (MHz)	Level Peak Reading (dBμV/m)	Correction Factor (dB)	Limit dBμV/m	Margin (dB)	Height (m)	Angle (°)	Polarization	Judgement
1.	2.3894597GHz	67.86	-2.80	74.00	-6.14	1.00	148.50	Vertical	Passed
2.	2.499905GHz	53.98	-2.23	74.00	-20.02	1.00	37.10	Vertical	Passed
3.	2.3885093GHz	53.86	-2.88	74.00	-20.14	4.00	203.40	Horizontal	Passed
4.	2.4848874GHz	53.80	-2.22	74.00	-20.20	2.50	131.20	Horizontal	Passed

No	Frequency (MHz)	Level Average Reading (dBμV/m)	Correction Factor (dB)	Limit dBμV/m	Margin (dB)	Height (m)	Angle (°)	Polarization	Judgment
1.	2.3894597GHz	47.85	-2.80	54.00	-6.15	1.00	148.50	Vertical	Passed
2.	2.4956278GHz	52.64	-2.24	54.00	-1.36	2.00	126.30	Vertical	Passed
3.	2.3898399GHz	52.12	-2.86	54.00	-1.88	4.00	214.10	Horizontal	Passed
4.	2.4848874GHz	52.57	-2.22	54.00	-1.43	2.50	131.20	Horizontal	Passed

Overall Graphs:





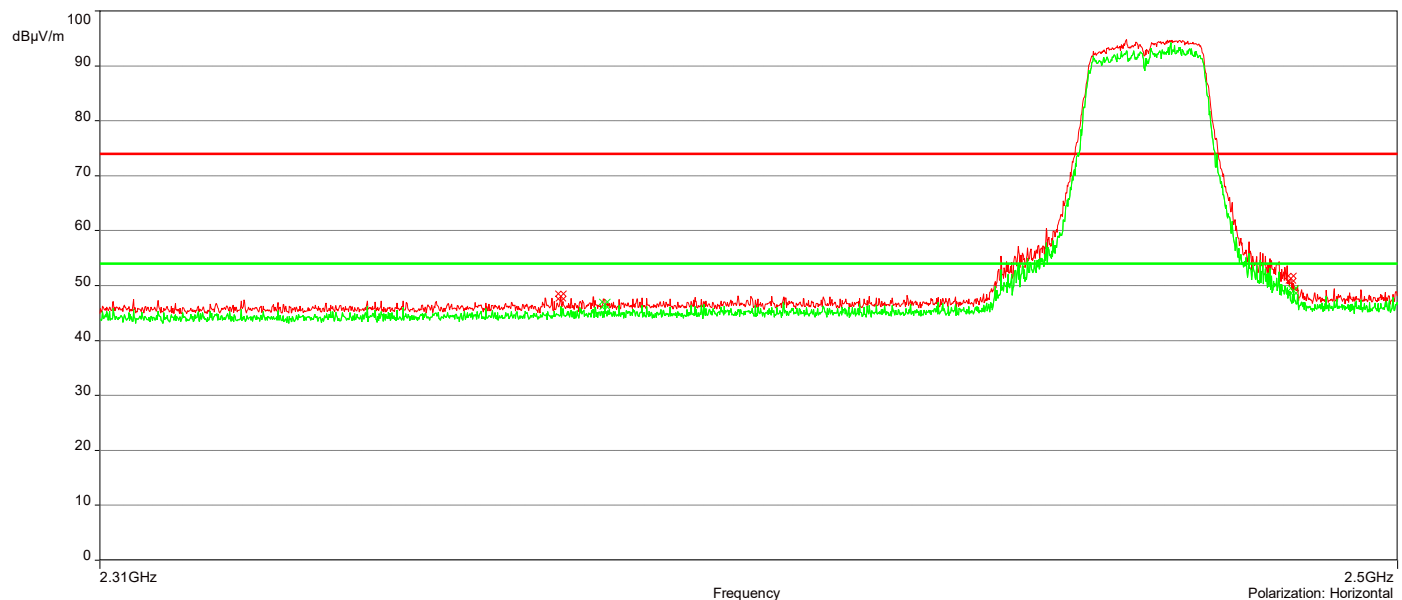
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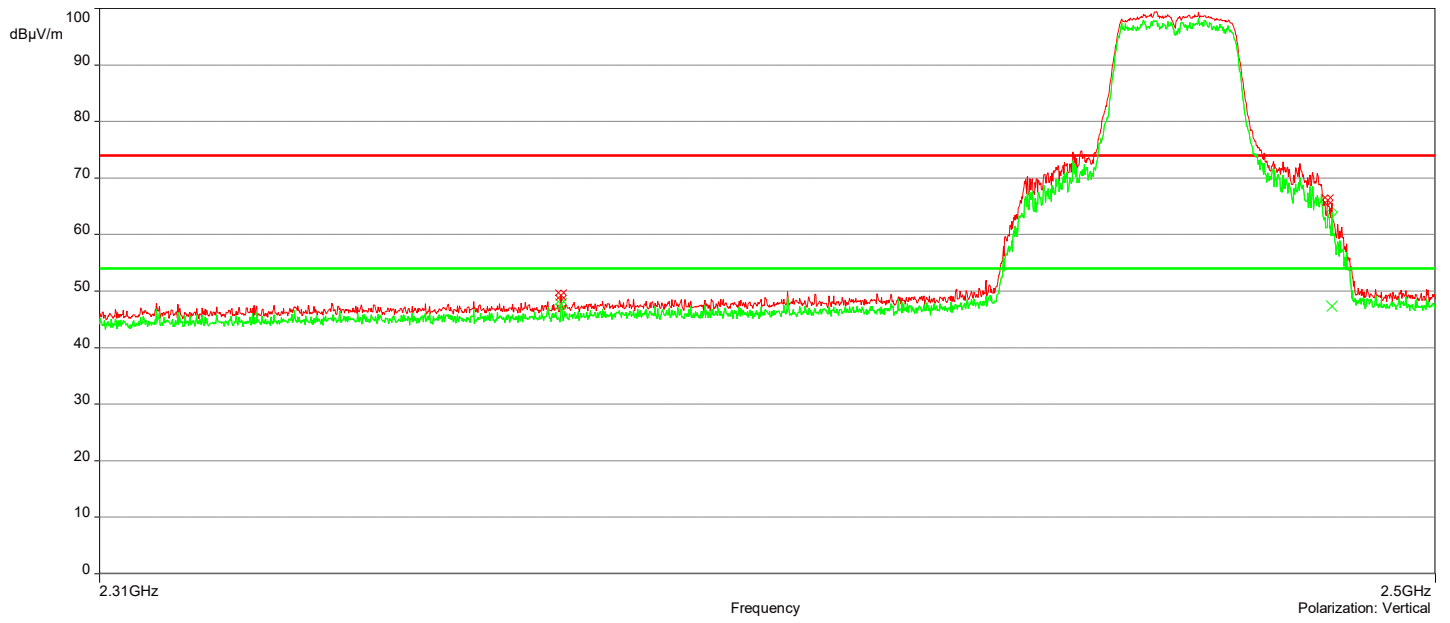
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No	Frequency (MHz)	Level Peak Reading (dBμV/m)	Correction Factor (dB)	Limit dBμV/m	Margin (dB)	Height (m)	Angle (°)	Polarization	Judgement
1.	2.373967GHz	49.27	-2.91	74.00	-24.73	1.50	218.20	Vertical	Passed
2.	2.4841271GHz	66.10	-2.30	74.00	-7.90	1.00	37.90	Vertical	Passed
3.	2.3757729GHz	48.09	-3.07	74.00	-25.91	4.00	106.00	Horizontal	Passed
4.	2.4838419GHz	51.36	-2.22	74.00	-22.64	4.00	213.60	Horizontal	Passed

No	Frequency (MHz)	Level Average Reading (dBμV/m)	Correction Factor (dB)	Limit dBμV/m	Margin (dB)	Height (m)	Angle (°)	Polarization	Judgment
5.	2.373967GHz	47.72	-2.91	54.00	-6.28	1.50	218.20	Vertical	Passed
6.	2.4846973GHz	47.34	-2.29	54.00	-6.66	1.50	30.90	Vertical	Passed
7.	2.3821411GHz	46.61	-2.98	54.00	-7.39	4.00	334.40	Horizontal	Passed
8.	2.4842221GHz	49.11	-2.22	54.00	-4.89	4.00	204.00	Horizontal	Passed

Overall Graphs:





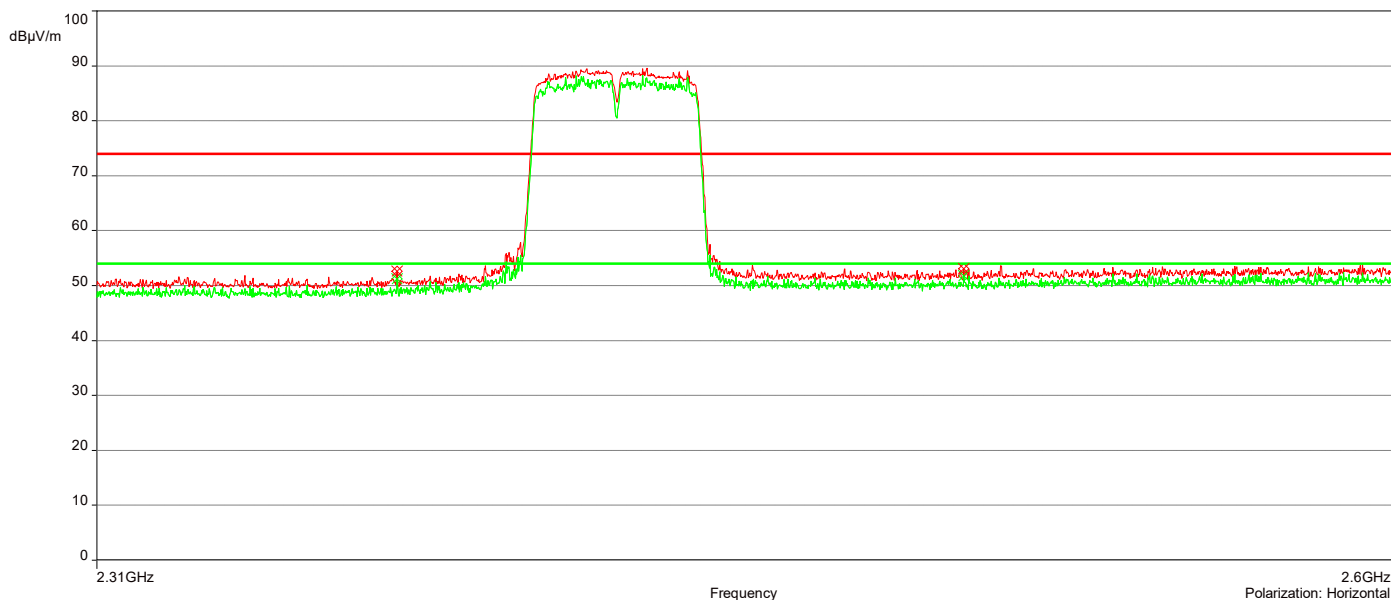
J23220_W306#1_2.4G_Restricted Bandedge_802.11n_MCS0_Ch 3_40MHz

2/23/2024 2:38:50 PM

No	Frequency (MHz)	Level Peak Reading (dBμV/m)	Correction Factor (dB)	Limit dBμV/m	Margin (dB)	Height (m)	Angle (°)	Polarization	Judgement
1.	2.3889195GHz	65.86	-2.81	74.00	-8.14	1.00	137.10	Vertical	Passed
2.	2.493952GHz	52.92	-2.24	74.00	-21.08	4.00	269.00	Vertical	Passed
3.	2.3741221GHz	52.64	-3.09	74.00	-21.36	1.50	13.80	Horizontal	Passed
4.	2.4999GHz	53.11	-2.20	74.00	-20.89	3.50	281.10	Horizontal	Passed

No	Frequency (MHz)	Level Average Reading (dBμV/m)	Correction Factor (dB)	Limit dBμV/m	Margin (dB)	Height (m)	Angle (°)	Polarization	Judgment
1.	2.3889195GHz	47.27	-2.81	54.00	-6.73	1.00	137.10	Vertical	Passed
2.	2.4962731GHz	51.44	-2.24	54.00	-2.56	2.00	5.70	Vertical	Passed
3.	2.3741221GHz	51.22	-3.09	54.00	-2.78	1.50	13.80	Horizontal	Passed
4.	2.4999GHz	51.73	-2.20	54.00	-2.27	3.50	281.10	Horizontal	Passed

Overall Graphs:





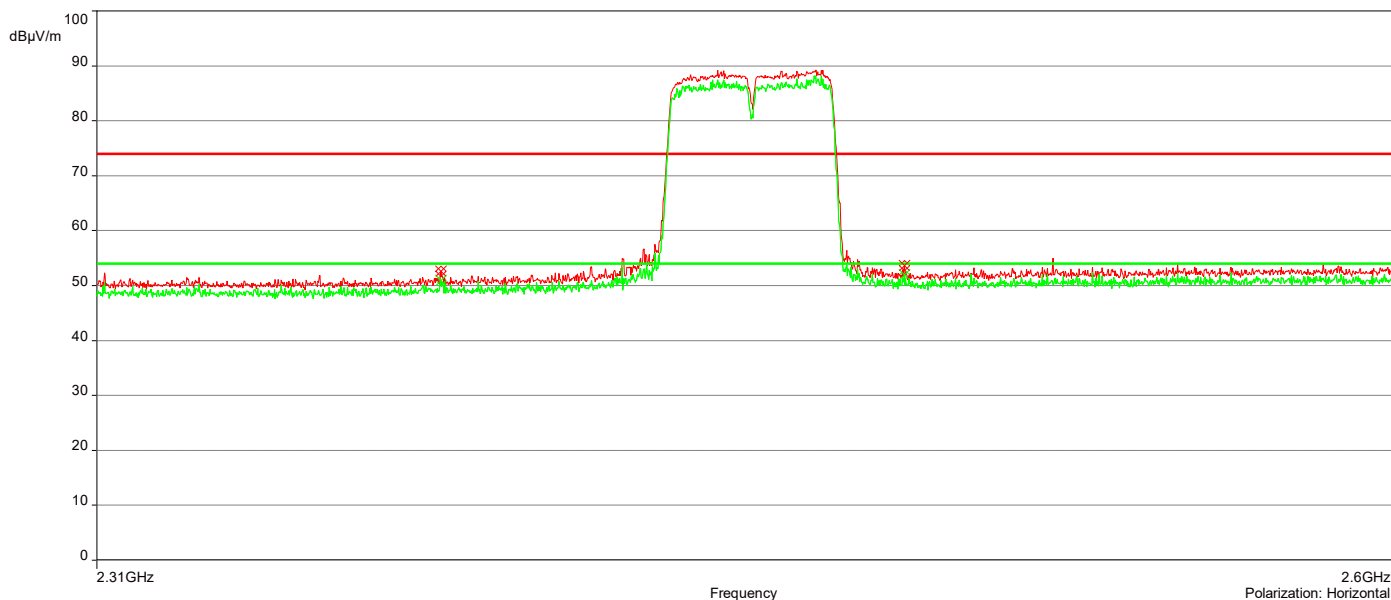
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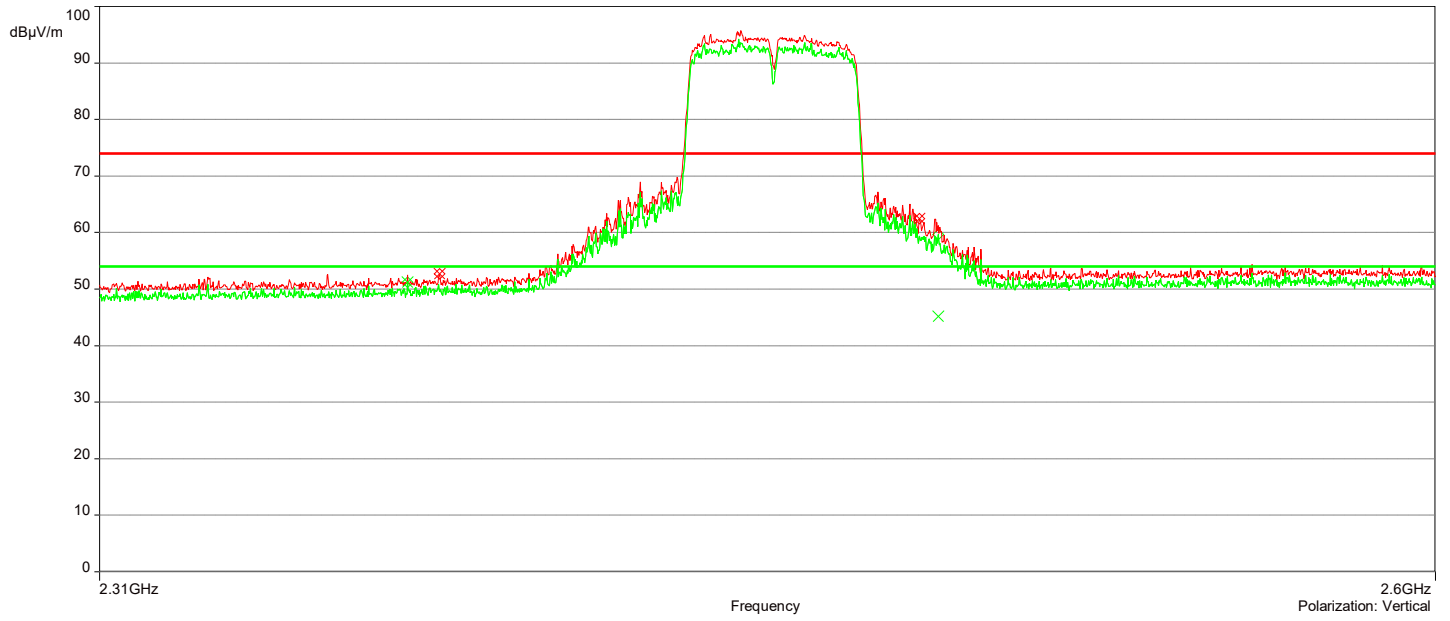
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No	Frequency (MHz)	Level Peak Reading (dBμV/m)	Correction Factor (dB)	Limit dBμV/m	Margin (dB)	Height (m)	Angle (°)	Polarization	Judgement
1.	2.3806503GHz	52.69	-2.85	74.00	-21.31	4.00	57.30	Vertical	Passed
2.	2.483942GHz	62.47	-2.30	74.00	-11.53	1.00	33.40	Vertical	Passed
3.	2.3835518GHz	52.57	-2.96	74.00	-21.43	3.00	292.50	Horizontal	Passed
4.	2.4864082GHz	53.66	-2.22	74.00	-20.34	4.00	196.60	Horizontal	Passed

No	Frequency (MHz)	Level Average Reading (dBμV/m)	Correction Factor (dB)	Limit dBμV/m	Margin (dB)	Height (m)	Angle (°)	Polarization	Judgment
1.	2.3738319GHz	51.24	-2.91	54.00	-2.76	1.50	2.70	Vertical	Passed
2.	2.488004GHz	45.14	-2.26	54.00	-8.86	3.00	152.90	Vertical	Passed
3.	2.3835518GHz	50.95	-2.96	54.00	-3.05	3.00	292.50	Horizontal	Passed
4.	2.4864082GHz	51.95	-2.22	54.00	-2.05	4.00	196.60	Horizontal	Passed

Overall Graphs:





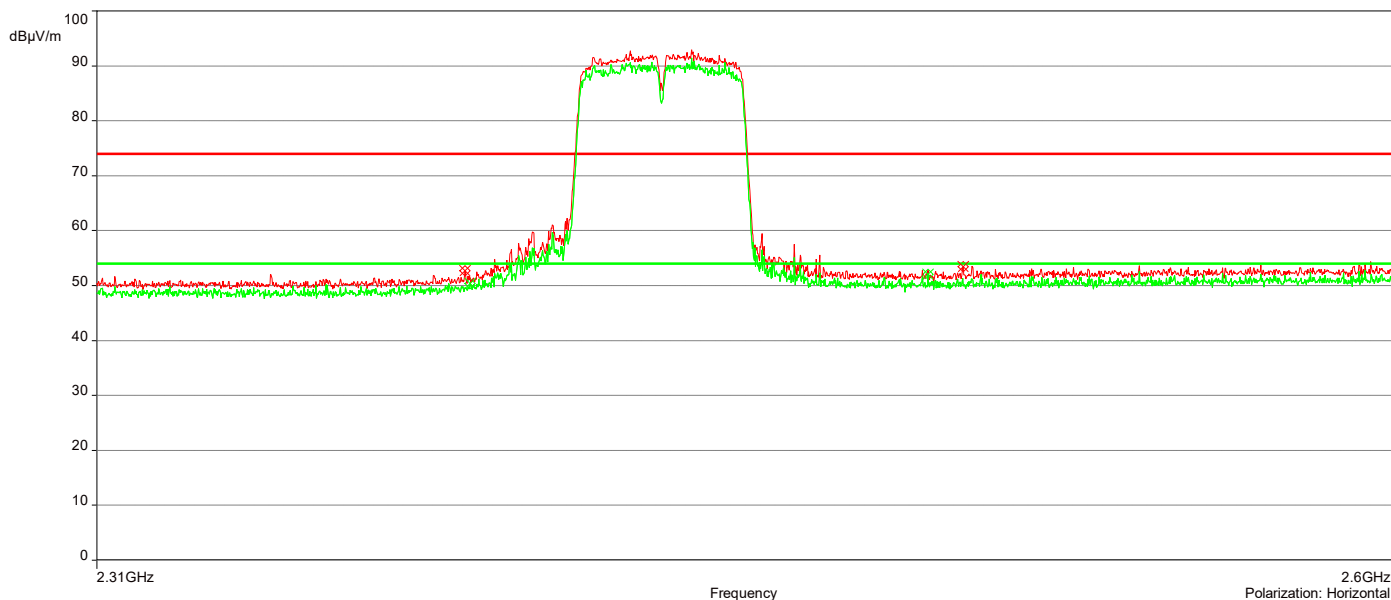
J23220_W306#1_2.4G_Restricted Bandedge_802.11n_MCS0_Ch 5_40MHz

2/27/2024 10:50:09 AM

No	Frequency (MHz)	Level Peak Reading (dBμV/m)	Correction Factor (dB)	Limit dBμV/m	Margin (dB)	Height (m)	Angle (°)	Polarization	Judgement
1.	2.3889195GHz	64.85	-2.81	74.00	-9.15	1.00	35.50	Vertical	Passed
2.	2.4835068GHz	55.01	-2.31	74.00	-18.99	1.00	150.40	Vertical	Passed
3.	2.3887744GHz	52.68	-2.88	74.00	-21.32	3.50	23.80	Horizontal	Passed
4.	2.4997549GHz	53.48	-2.20	74.00	-20.52	3.00	299.00	Horizontal	Passed

No	Frequency (MHz)	Level Average Reading (dBμV/m)	Correction Factor (dB)	Limit dBμV/m	Margin (dB)	Height (m)	Angle (°)	Polarization	Judgment
1.	2.3889195GHz	50.27	-2.81	54.00	-3.73	1.00	35.50	Vertical	Passed
2.	2.491921GHz	52.64	-2.24	54.00	-1.36	1.50	139.30	Vertical	Passed
3.	2.389935GHz	50.40	-2.86	54.00	-3.60	4.00	333.00	Horizontal	Passed
4.	2.4917759GHz	52.03	-2.21	54.00	-1.97	2.50	281.50	Horizontal	Passed

Overall Graphs:





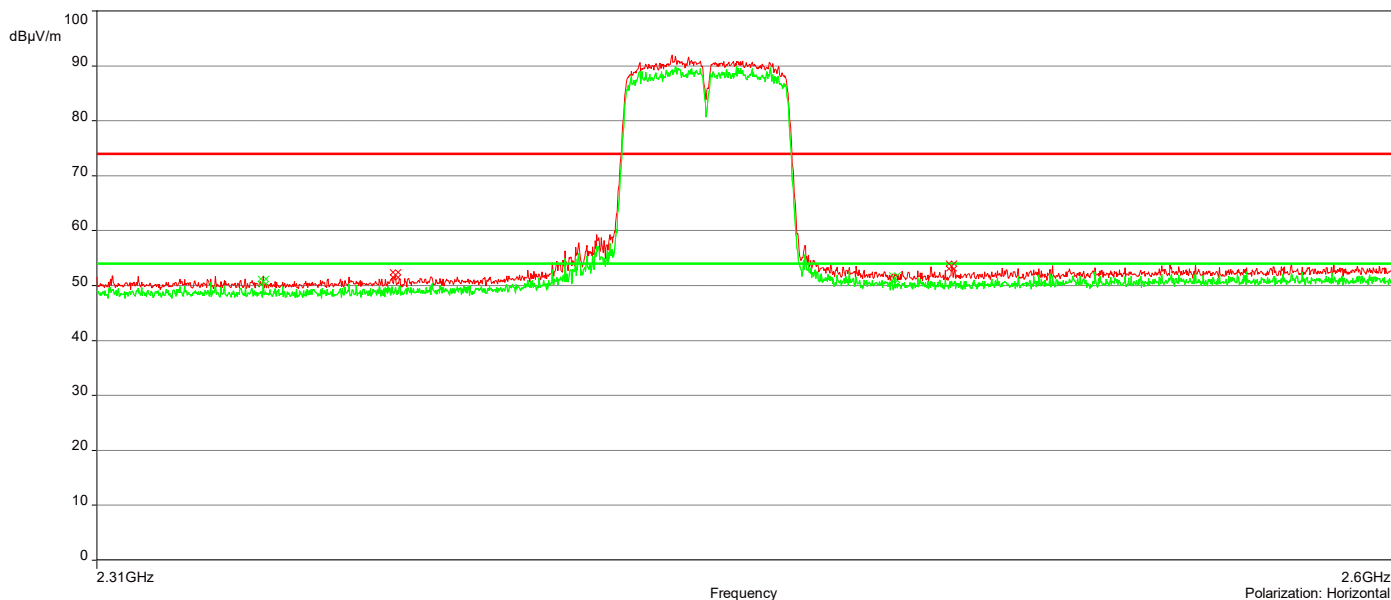
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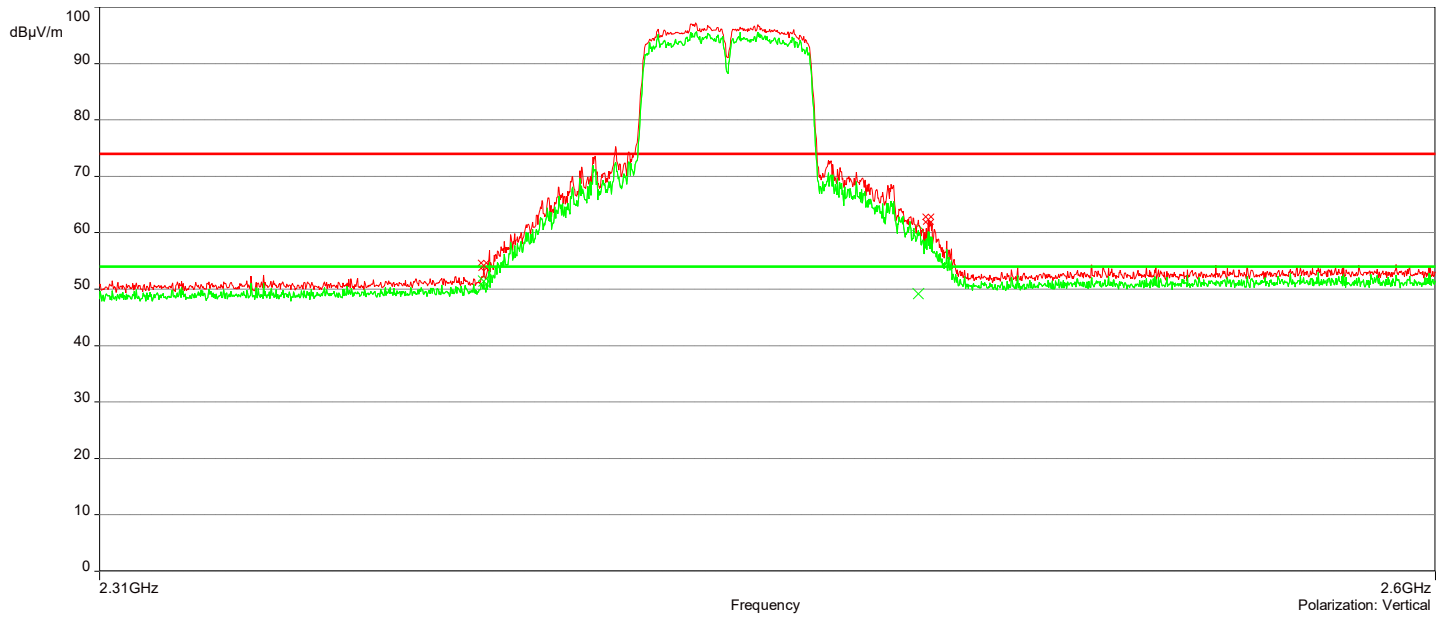
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No	Frequency (MHz)	Level Peak Reading (dBμV/m)	Correction Factor (dB)	Limit dBμV/m	Margin (dB)	Height (m)	Angle (°)	Polarization	Judgement
1.	2.389935GHz	54.22	-2.80	74.00	-19.78	1.50	232.80	Vertical	Passed
2.	2.4858279GHz	62.38	-2.28	74.00	-11.62	3.00	143.90	Vertical	Passed
3.	2.3736868GHz	52.00	-3.10	74.00	-22.00	4.00	3.20	Horizontal	Passed
4.	2.4971436GHz	53.58	-2.21	74.00	-20.42	1.00	106.00	Horizontal	Passed

No	Frequency (MHz)	Level Average Reading (dBμV/m)	Correction Factor (dB)	Limit dBμV/m	Margin (dB)	Height (m)	Angle (°)	Polarization	Judgment
1.	2.389935GHz	51.37	-2.80	54.00	-2.63	1.50	232.80	Vertical	Passed
2.	2.4836518GHz	49.18	-2.30	54.00	-4.82	1.00	33.90	Vertical	Passed
3.	2.3452526GHz	50.78	-3.32	54.00	-3.22	4.00	0.10	Horizontal	Passed
4.	2.4842321GHz	51.38	-2.22	54.00	-2.62	4.00	211.60	Horizontal	Passed

Overall Graphs:





Document Revisions

Version	Date	Modifier	Changes
1.0	03/04/2024	Aravind Buddana	<ul style="list-style-type: none"> Initial Release
1.1	04/01/2024	Aravind Buddana	<ul style="list-style-type: none"> Updated Section 1 Test Requested by Information Updated Section 4.1 Tested channels list and corrected typo in power settings table for 802.11n (HT40)
1.2	05/10/2024	Abhijit P	<ul style="list-style-type: none"> Updated Test Method typo in Section-1 Test Method Version Updated Section 4.1 with Antenna type, Model with all Supported Antennas. Updated Section 4.1 with EUT Operation. Updated Notes in Section 4.1 Test Results on Worst case sample used for full testing. Updated Section 4.4.5 Band edge data for 40MHz channels. Updated Section 4.4.6 Tx Spurious tests for 40MHz channels. Section 5.3 is update with Preamplifier for 30M-1GHz Updated Section 5.5.1 page 171-172 for missing plots of test "<i>J23220_W300#1_2.4G_Restricted Bandedge_802.11n_MCS0_Ch 11</i>" Re-Updated data in Page 104 for '<i>J23220_W300#1_2.4G_Restricted Bandedge_802.11b_1Mbps_Ch 9_Power_20dBm</i>' with manual picture showing the x-axis frequency division.
1.3	05/16/2024	Aravind Buddana	<ul style="list-style-type: none"> Updated Section 4.1 with an additional note on DUT/EUT Configuration. Updated Section 4.1 Note on sample used for conducted and radiated testing.

End of Report