

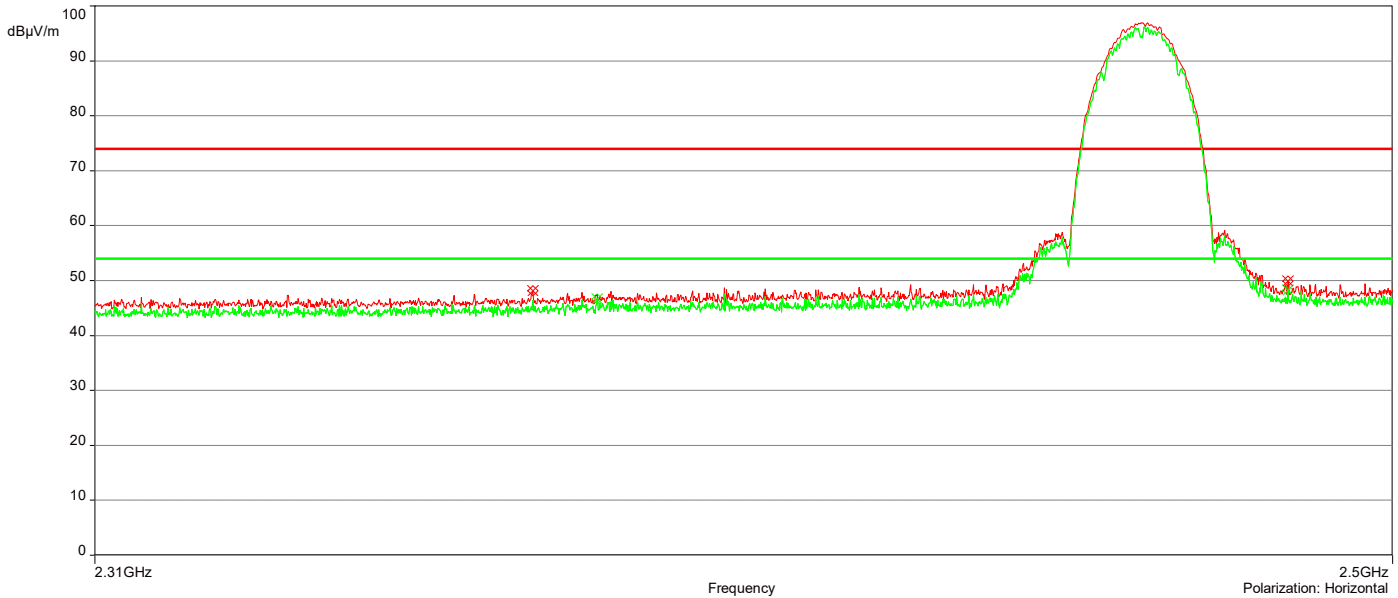
J23220_W306#1_2.4G_Restricted Bandedge_802.11b_1Mbps_Ch 11

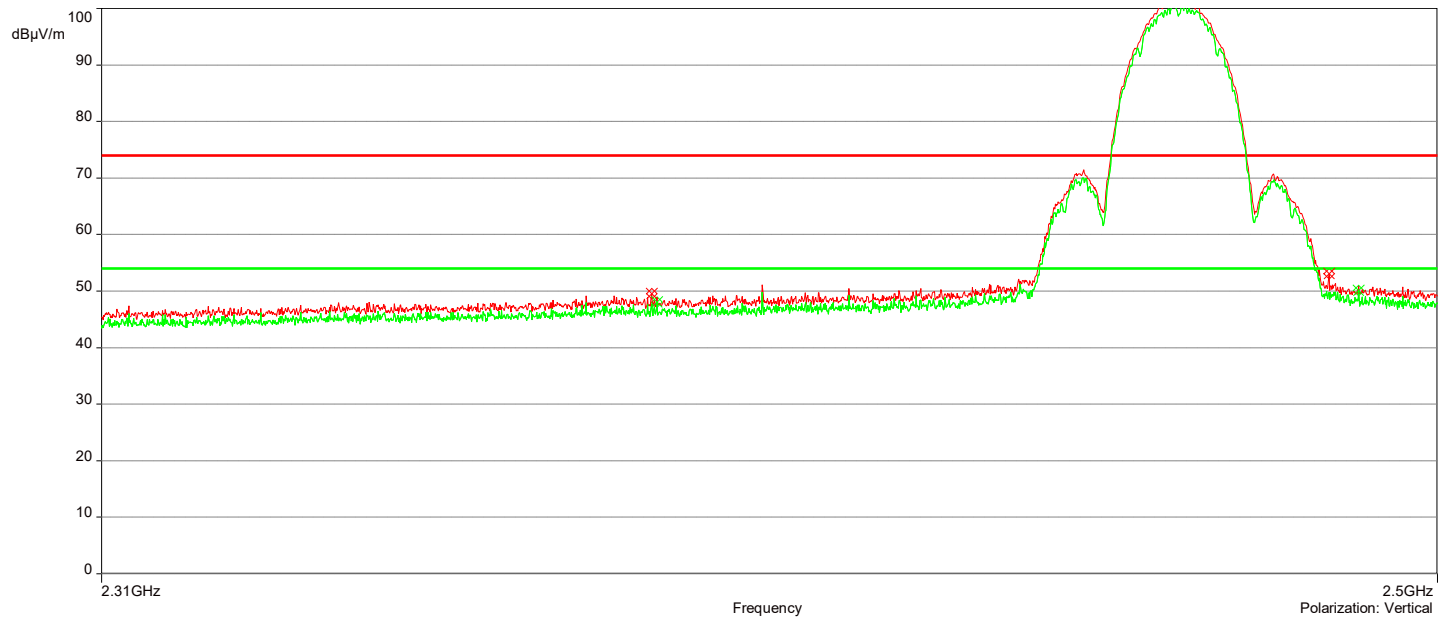
1/30/2024 6:00:37 PM

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:





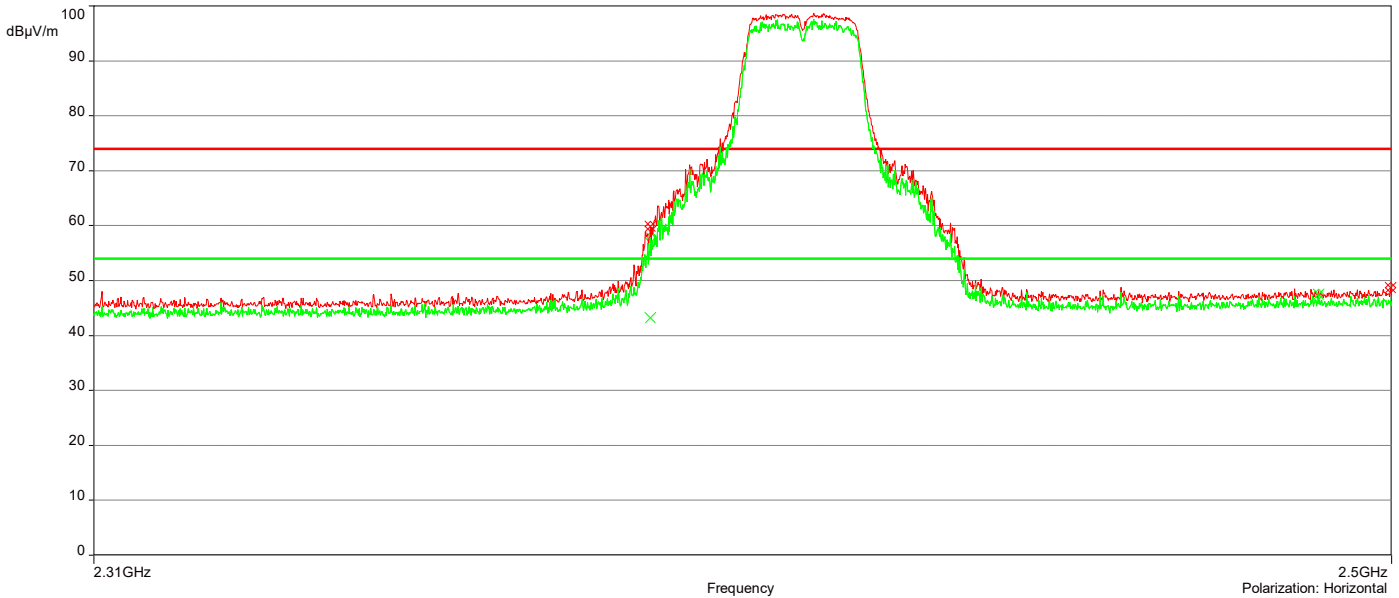
J23220_W306#1_2.4G_Restricted Bandedge_802.11g_6Mbps_Ch 1

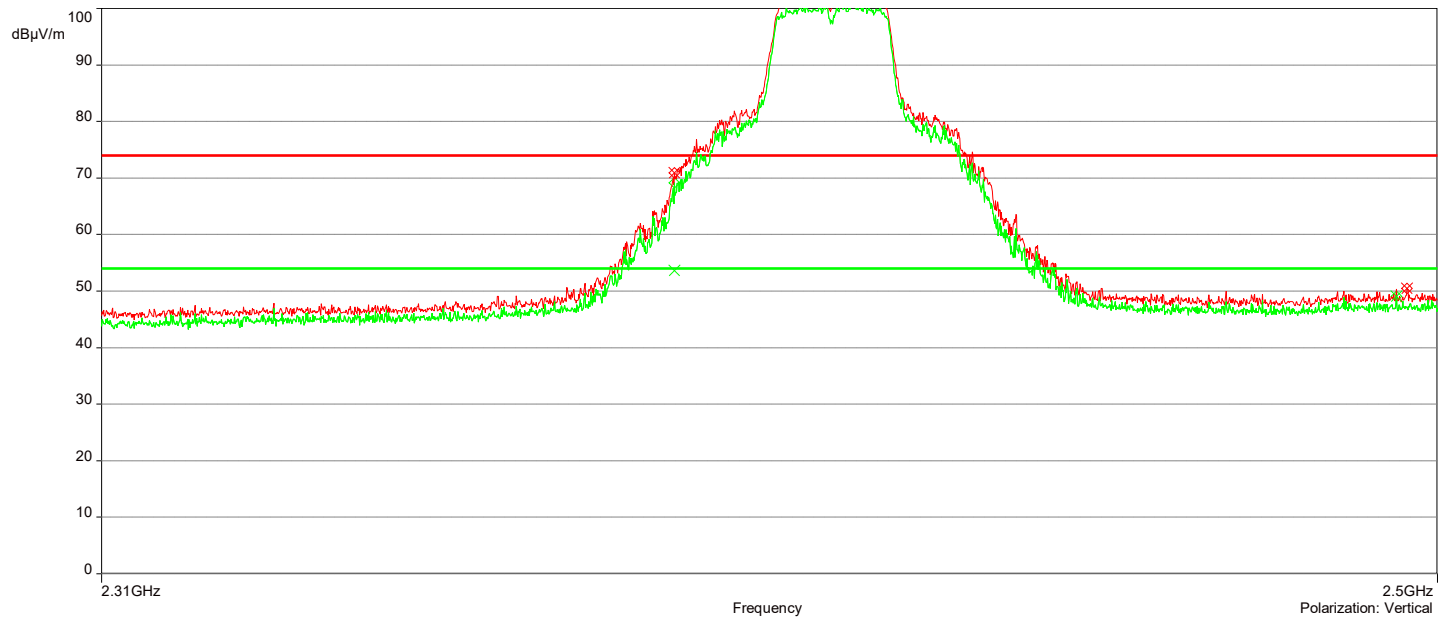
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No	Frequency (MHz)	Level Peak Reading (dBμV/m)	Correction Factor (dB)	Limit dBμV/m	Margin (dB)	Height (m)	Angle (°)	Polarization	Judgement
1.	2.3896498GHz	70.88	-2.80	74.00	-3.12	1.00	38.10	Vertical	Passed
2.	2.4955328GHz	50.48	-2.24	74.00	-23.52	4.00	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:





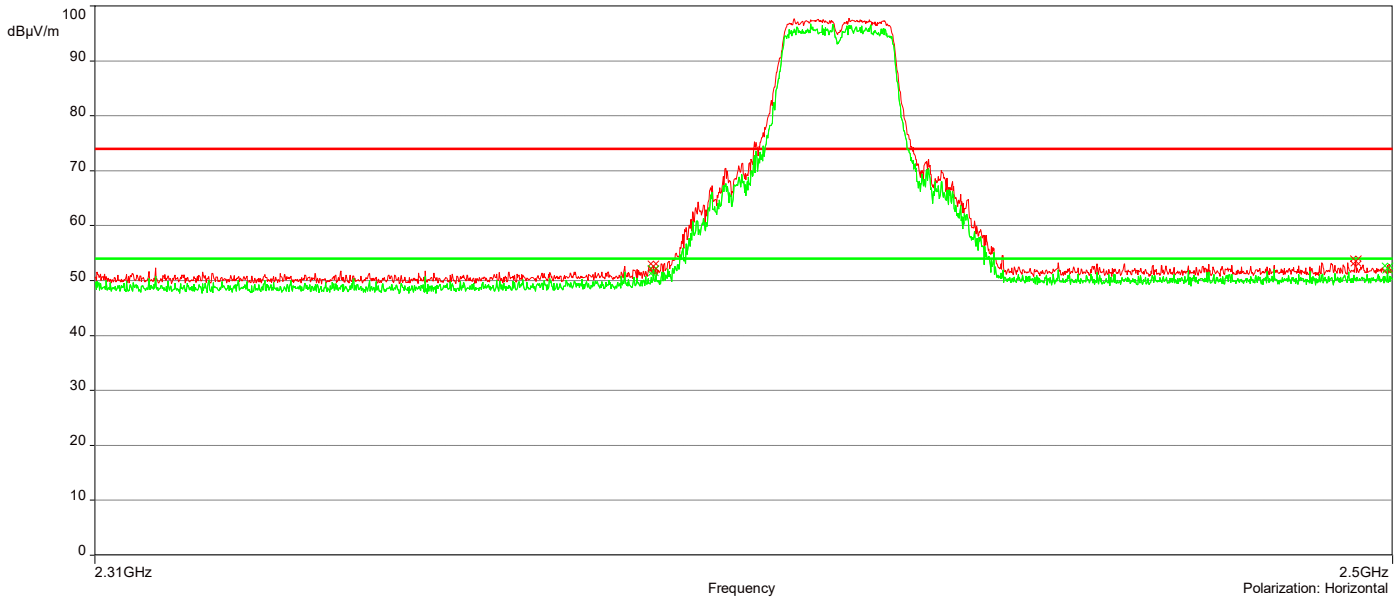
J23220_W306#1_2.4G_Restricted Bandedge_802.11g_6Mbps_Ch 2

2/22/2024 3:03:57 PM

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:





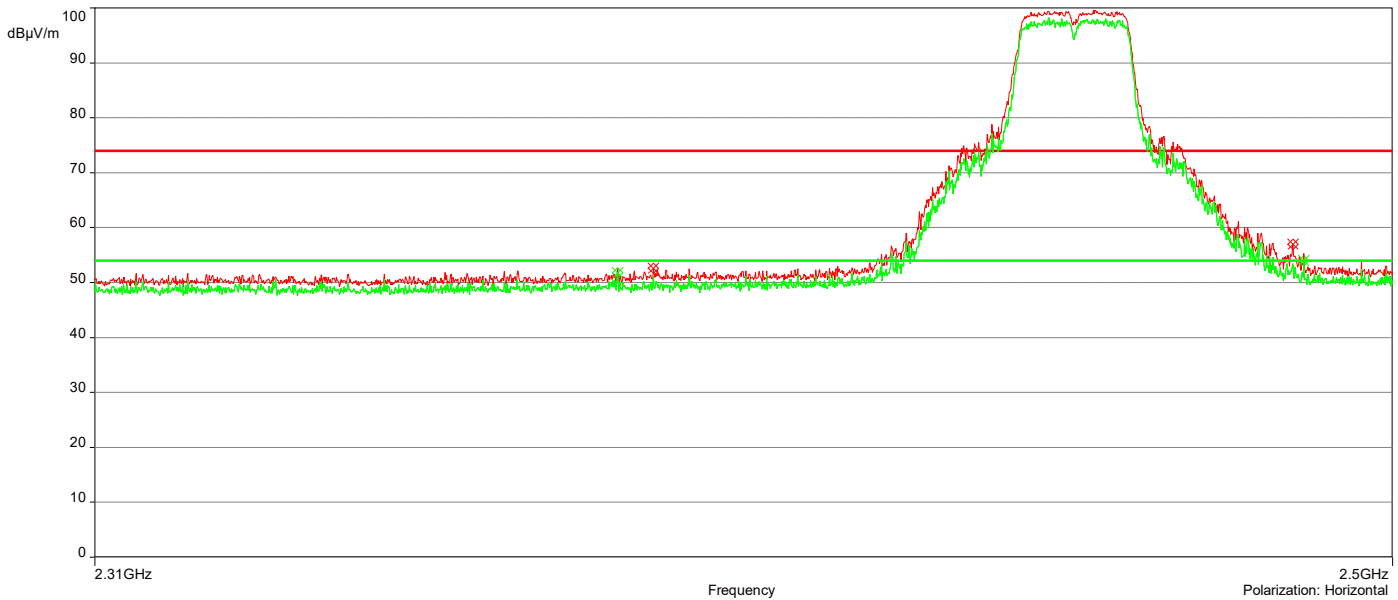
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2/22/2024 3:21:05 PM

No	Frequency (MHz)	Level Peak Reading (dBμV/m)	Correction Factor (dB)	Limit dBμV/m	Margin (dB)	Height (m)	Angle (°)	Polarization	Judgement
1.	2.3828064GHz	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:





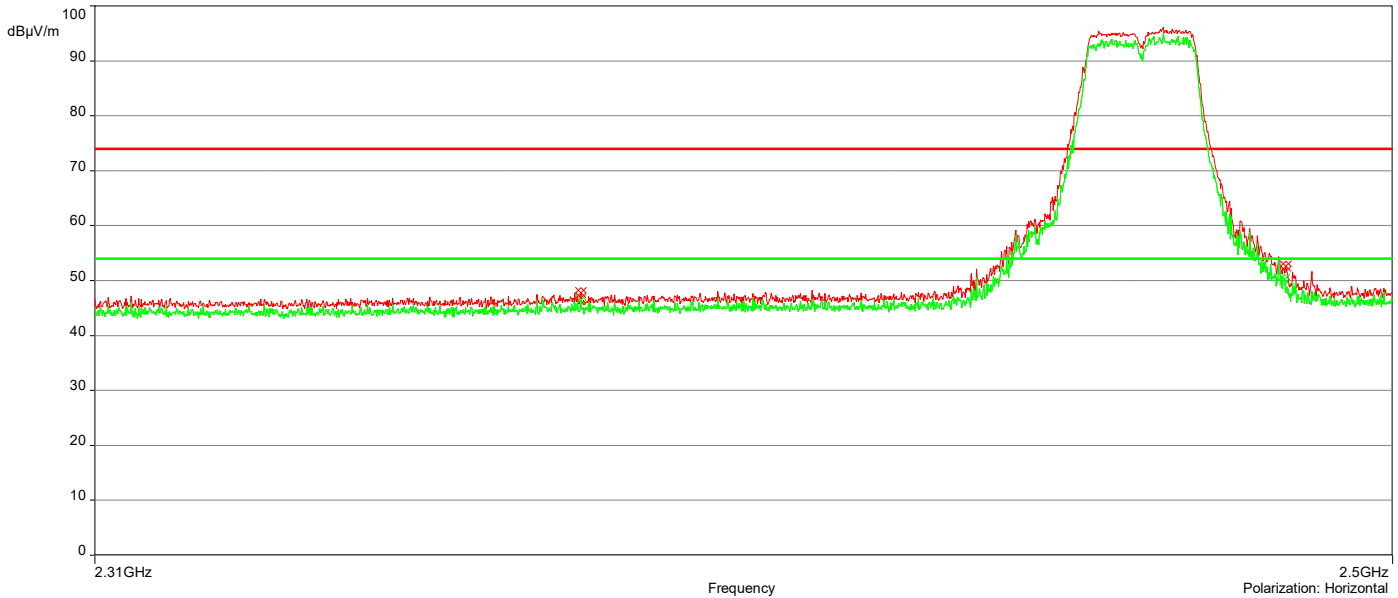
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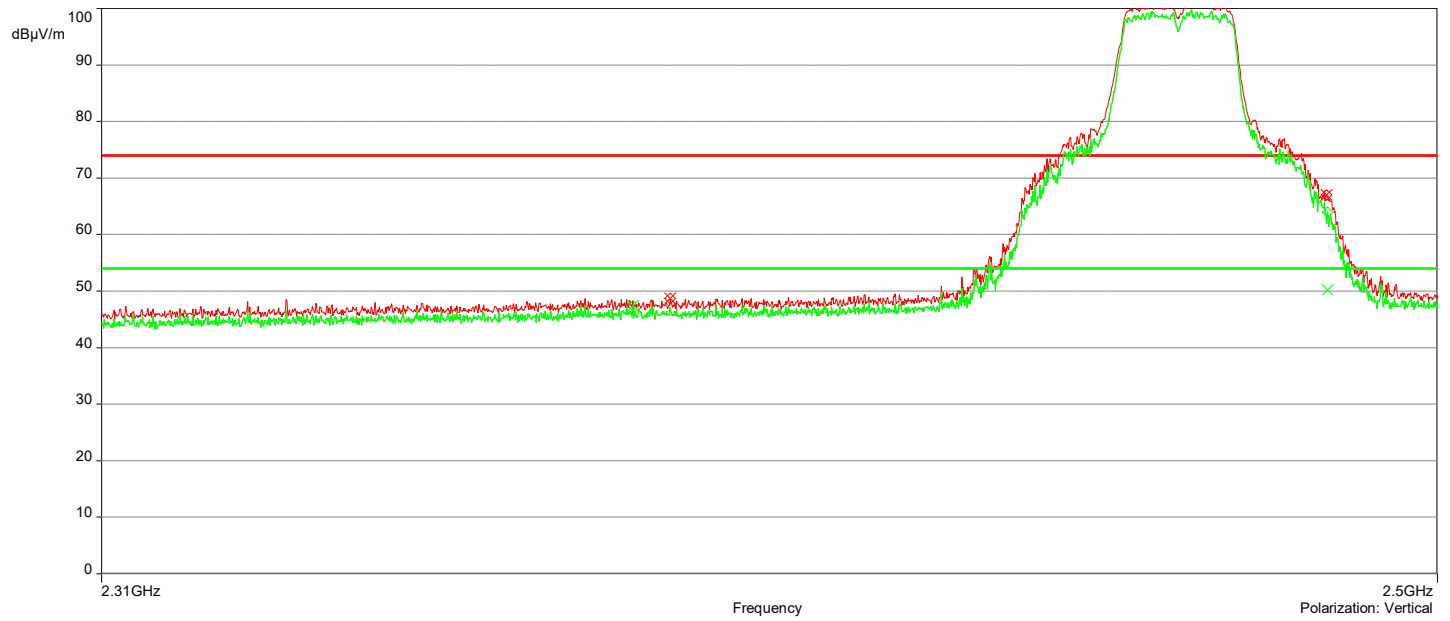
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1.	2.3890795GHz	48.75	-2.81	74.00	-25.25	1.00	12.20	Vertical	Passed
2.	2.4836518GHz	66.99	-2.30	74.00	-7.01	1.50	22.80	Vertical	Passed
3.	2.3793847GHz	47.75	-3.02	74.00	-26.25	2.00	140.50	Horizontal	Passed
4.	2.4838419GHz	52.62	-2.22	74.00	-21.38	4.00	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:





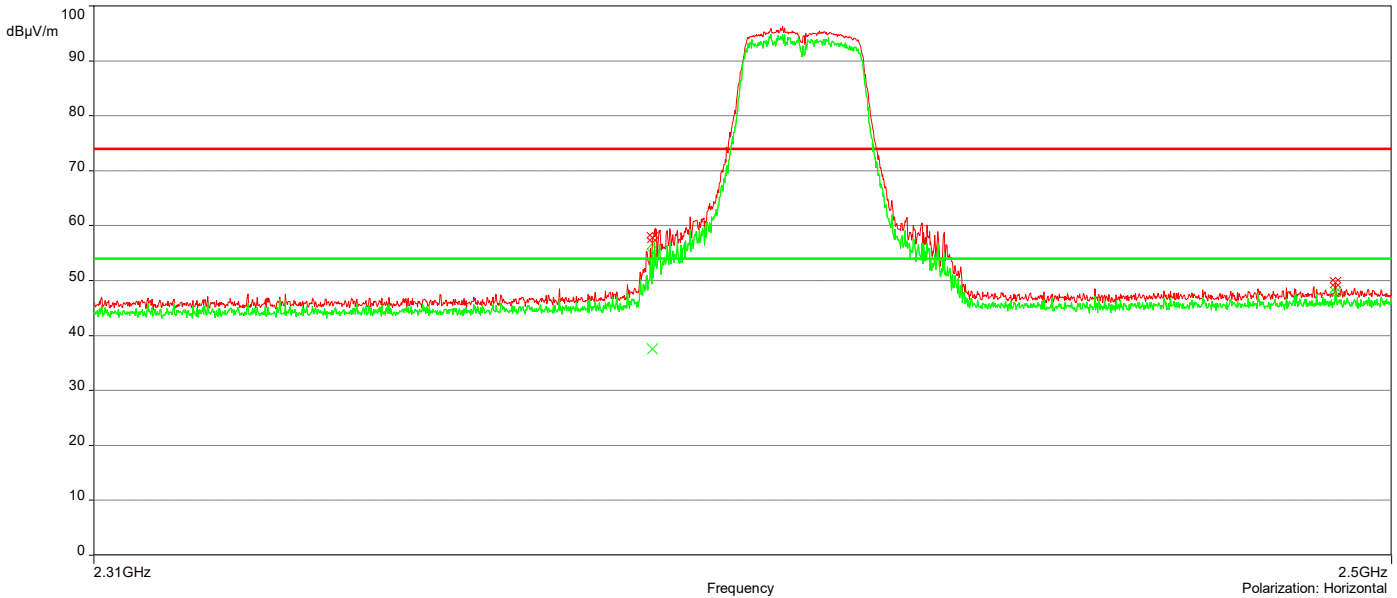
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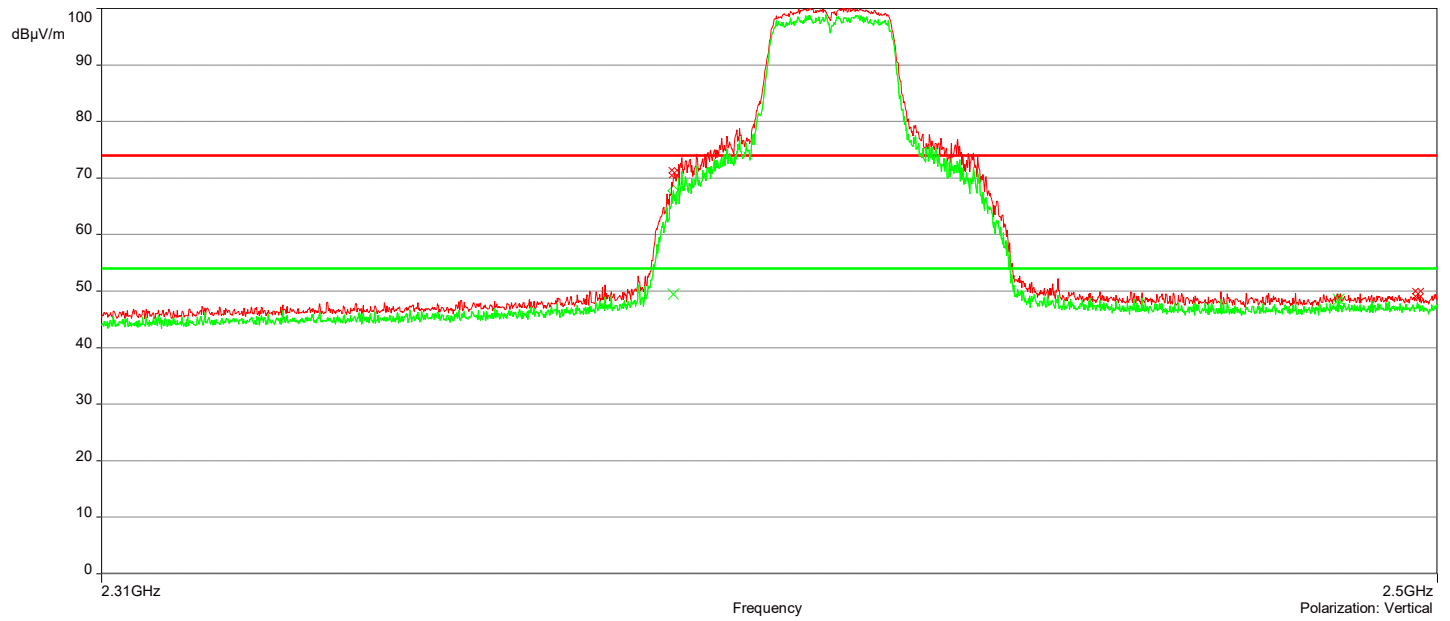
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No	Frequency (MHz)	Level Peak Reading (dBμV/m)	Correction Factor (dB)	Limit dBμV/m	Margin (dB)	Height (m)	Angle (°)	Polarization	Judgement
1.	2.3896498GHz	70.88	-2.80	74.00	-3.12	3.00	140.40	Vertical	Passed
2.	2.4971486GHz	49.58	-2.24	74.00	-24.42	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:





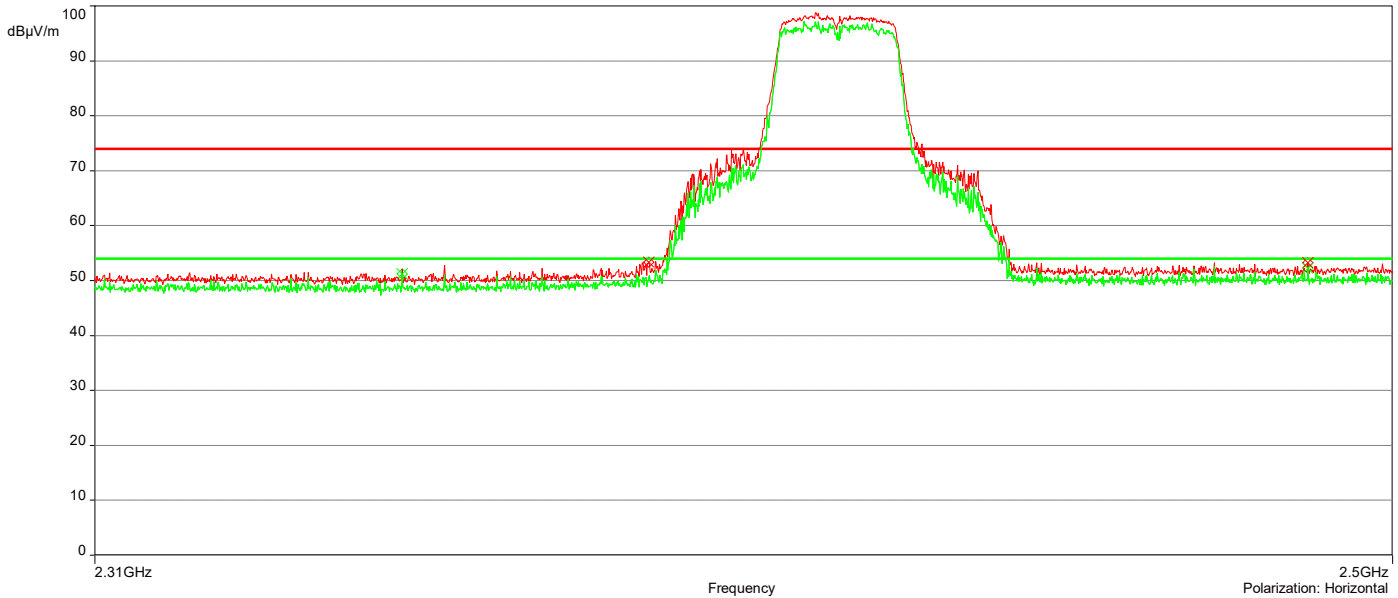
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No	Frequency (MHz)	Level Peak Reading (dBμV/m)	Correction Factor (dB)	Limit dBμV/m	Margin (dB)	Height (m)	Angle (°)	Polarization	Judgement
1.	2.3896498GHz	68.08	-2.80	74.00	-5.92	3.00	141.90	Vertical	Passed
2.	2.4942971GHz	54.27	-2.24	74.00	-19.73	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:





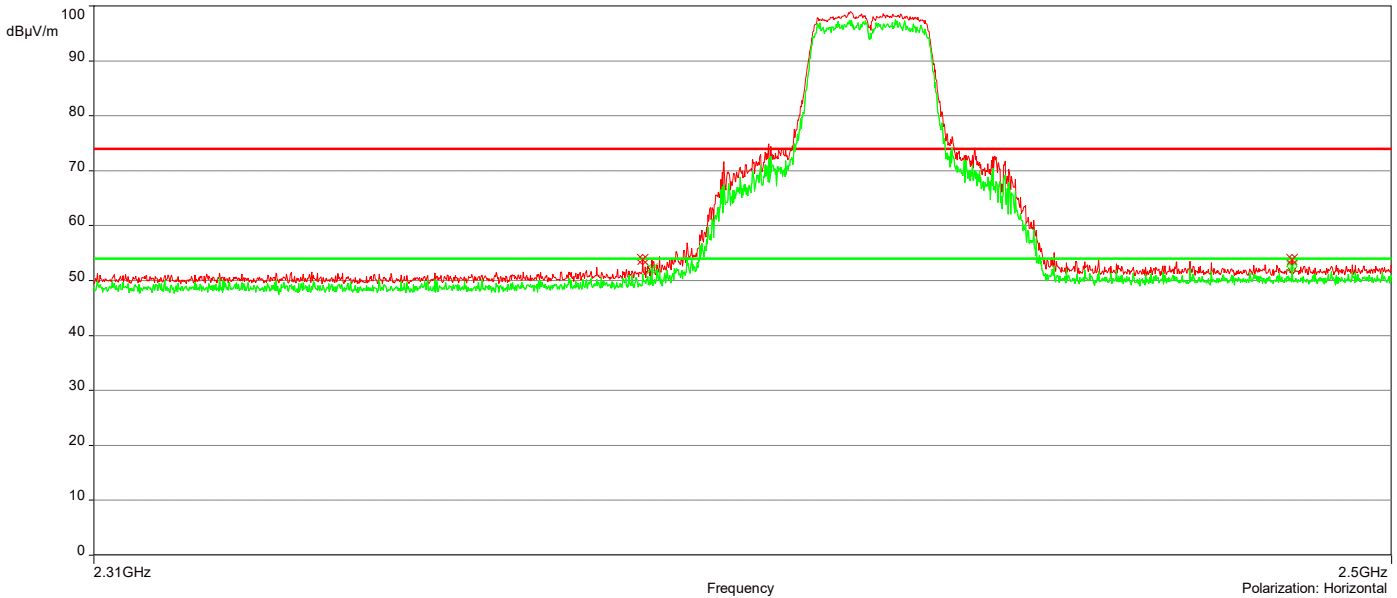
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No	Frequency (MHz)	Level Peak Reading (dBμV/m)	Correction Factor (dB)	Limit dBμV/m	Margin (dB)	Height (m)	Angle (°)	Polarization	Judgement
1.	2.3894597GHz	67.86	-2.80	74.00	-6.14	1.00	148.50	Vertical	Passed
2.	2.499905GHz	53.98	-2.23	74.00	-20.02	1.00	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:





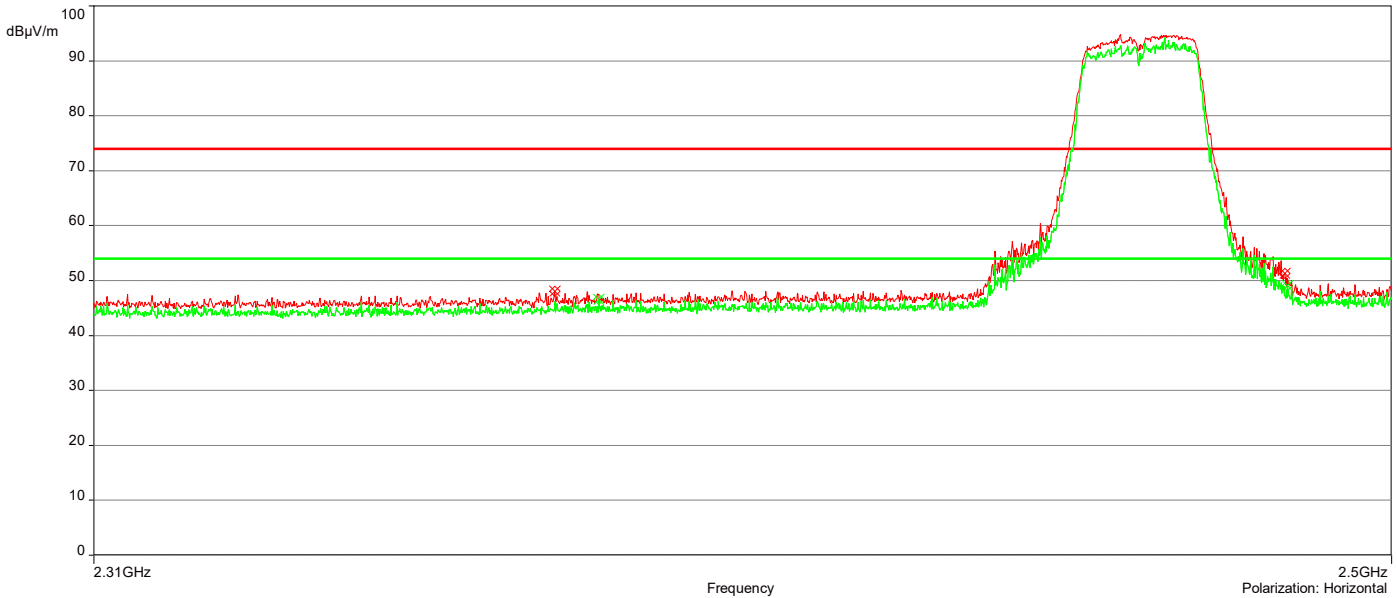
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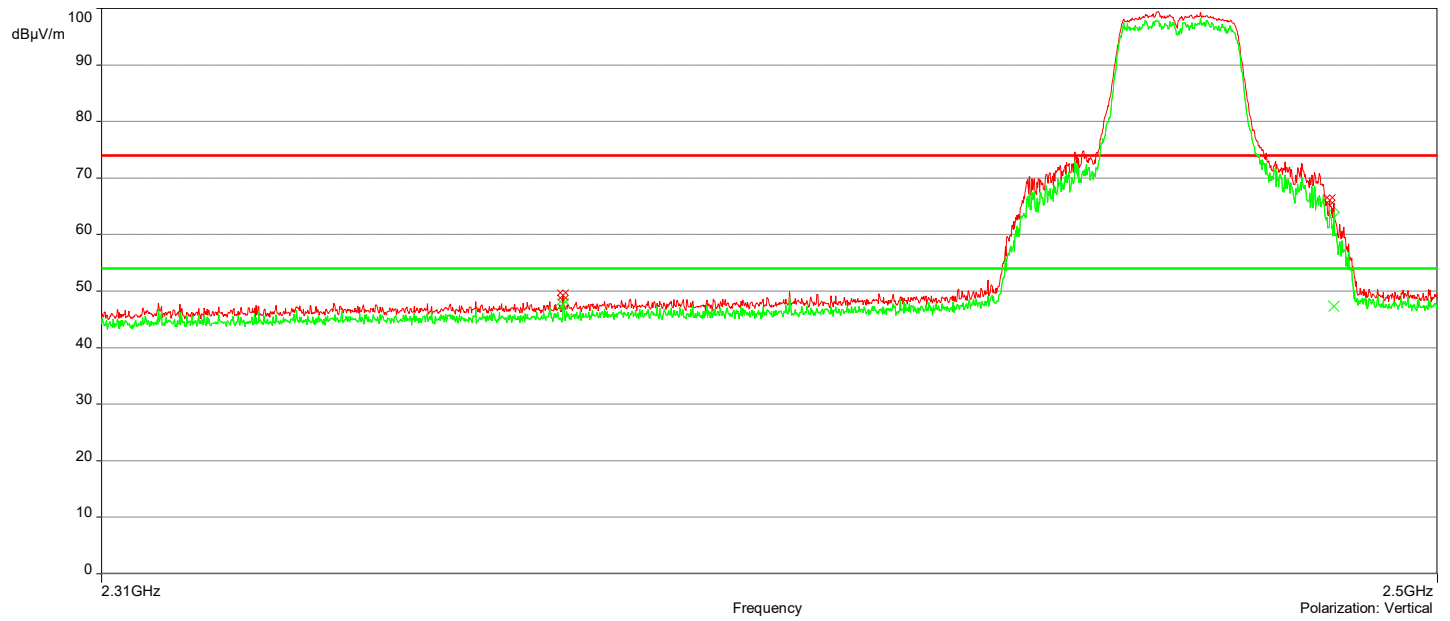
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No	Frequency (MHz)	Level Peak Reading (dBμV/m)	Correction Factor (dB)	Limit dBμV/m	Margin (dB)	Height (m)	Angle (°)	Polarization	Judgement
1.	2.373967GHz	49.27	-2.91	74.00	-24.73	1.50	218.20	Vertical	Passed
2.	2.4841271GHz	66.10	-2.30	74.00	-7.90	1.00	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:





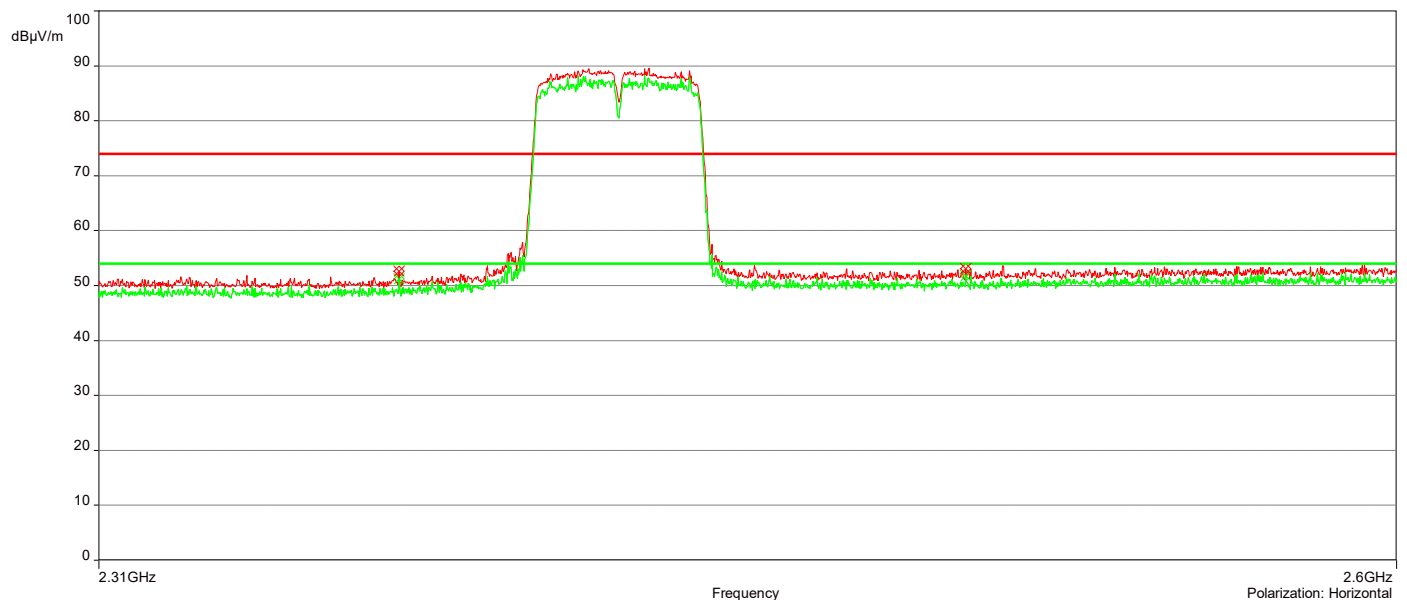
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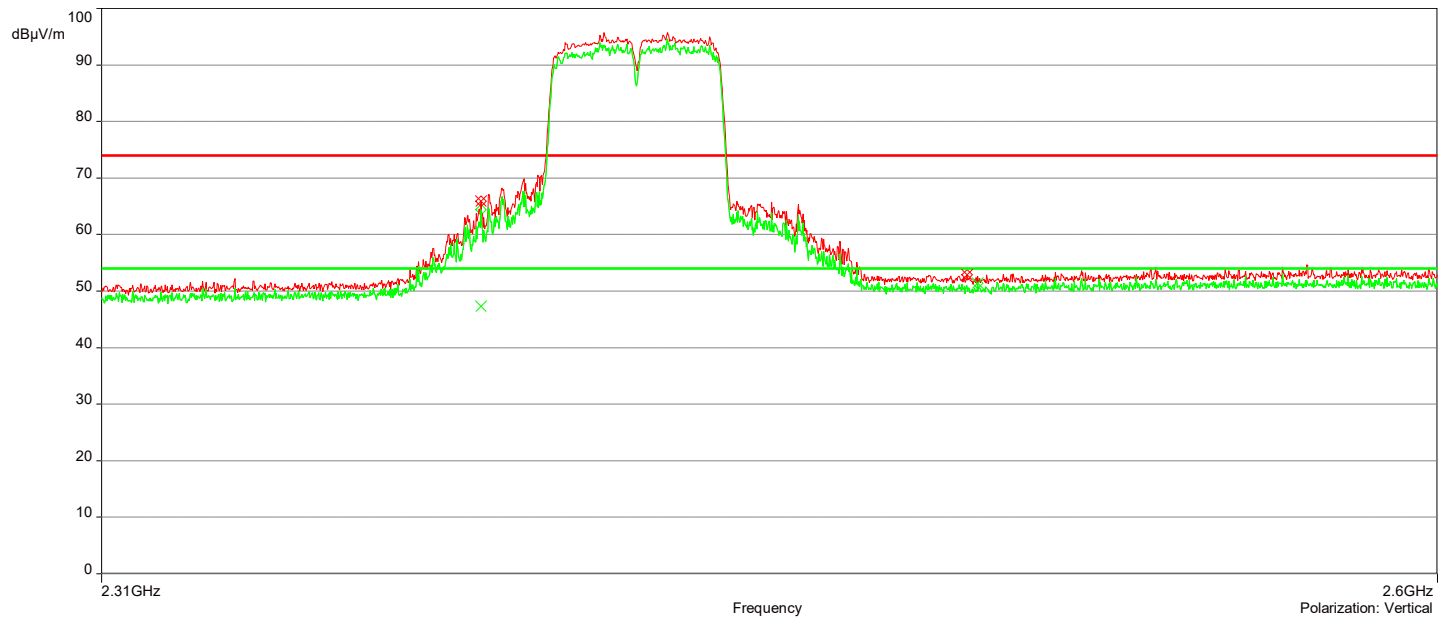
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No	Frequency (MHz)	Level Peak Reading (dBμV/m)	Correction Factor (dB)	Limit dBμV/m	Margin (dB)	Height (m)	Angle (°)	Polarization	Judgement
1.	2.3889195GHz	65.86	-2.81	74.00	-8.14	1.00	137.10	Vertical	Passed
2.	2.493952GHz	52.92	-2.24	74.00	-21.08	4.00	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:





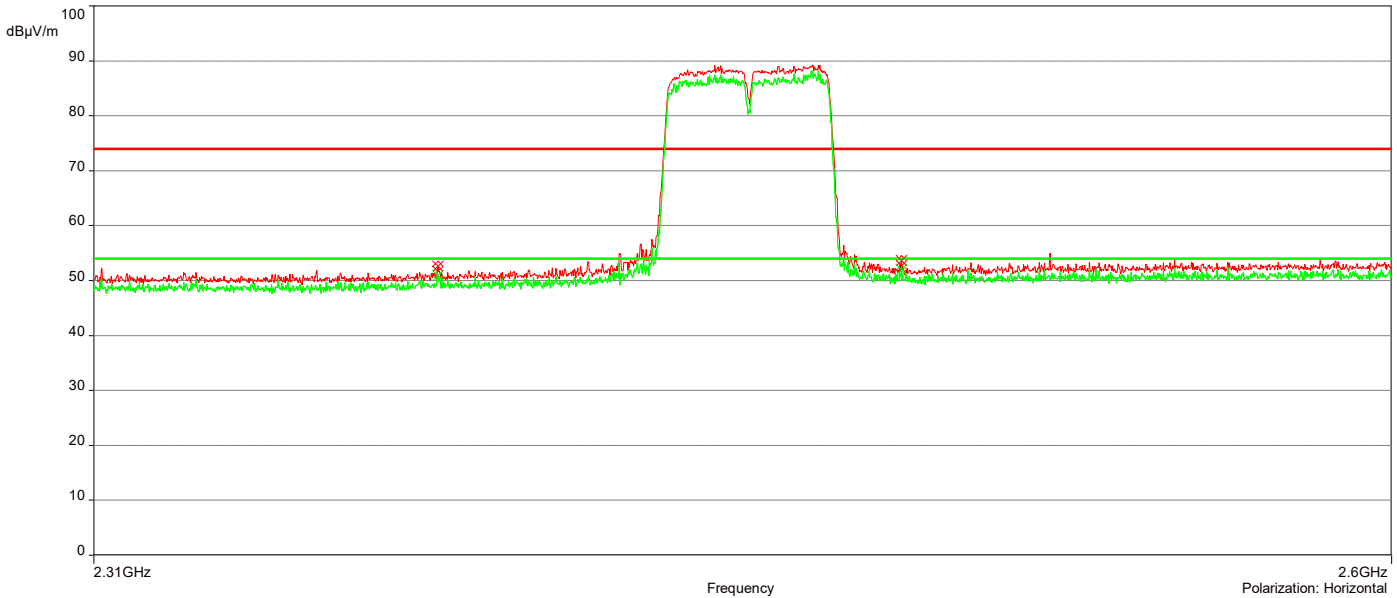
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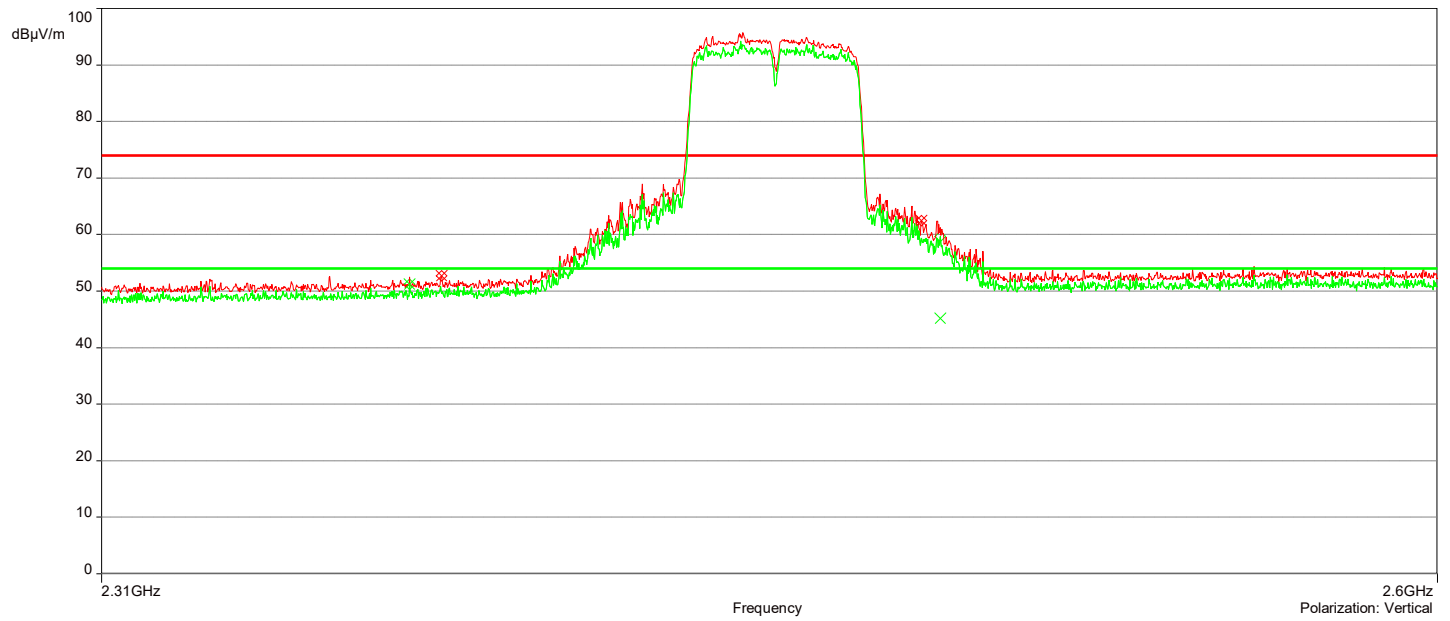
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No	Frequency (MHz)	Level Peak Reading (dBμV/m)	Correction Factor (dB)	Limit dBμV/m	Margin (dB)	Height (m)	Angle (°)	Polarization	Judgement
1.	2.3806503GHz	52.69	-2.85	74.00	-21.31	4.00	57.30	Vertical	Passed
2.	2.483942GHz	62.47	-2.30	74.00	-11.53	1.00	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:





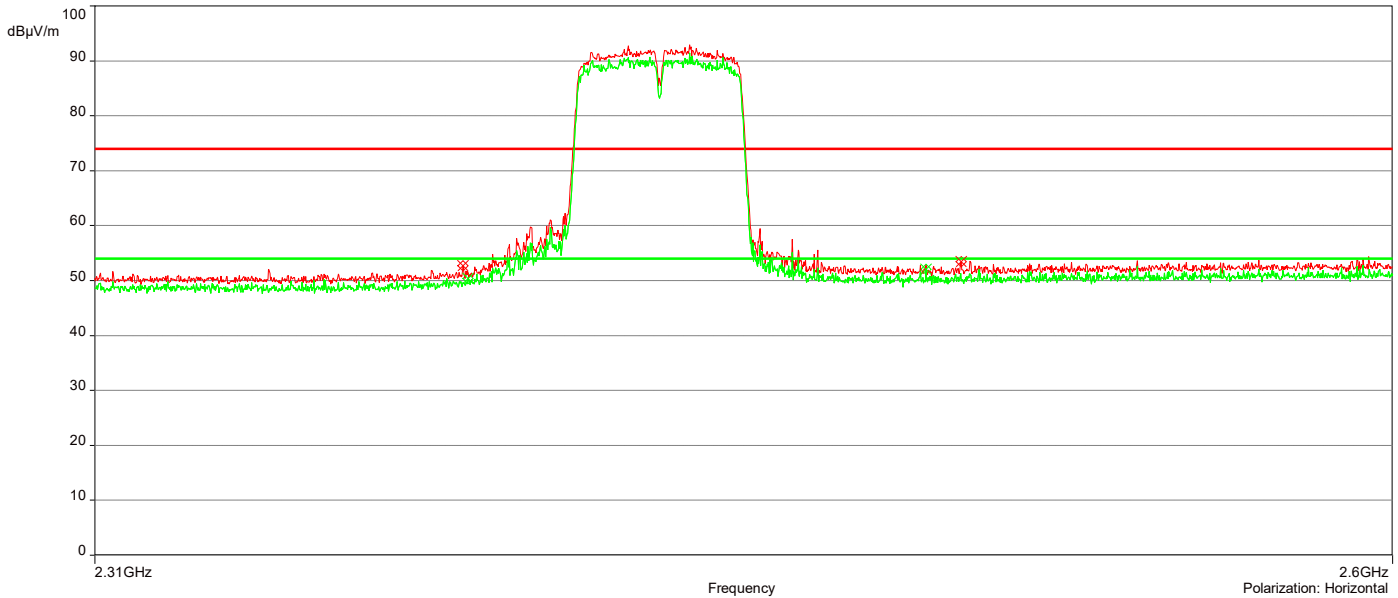
J23220_W306#1_2.4G_Restricted Bandedge_802.11n_MCS0_Ch 5_40MHz

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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.	2.3889195GHz	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:





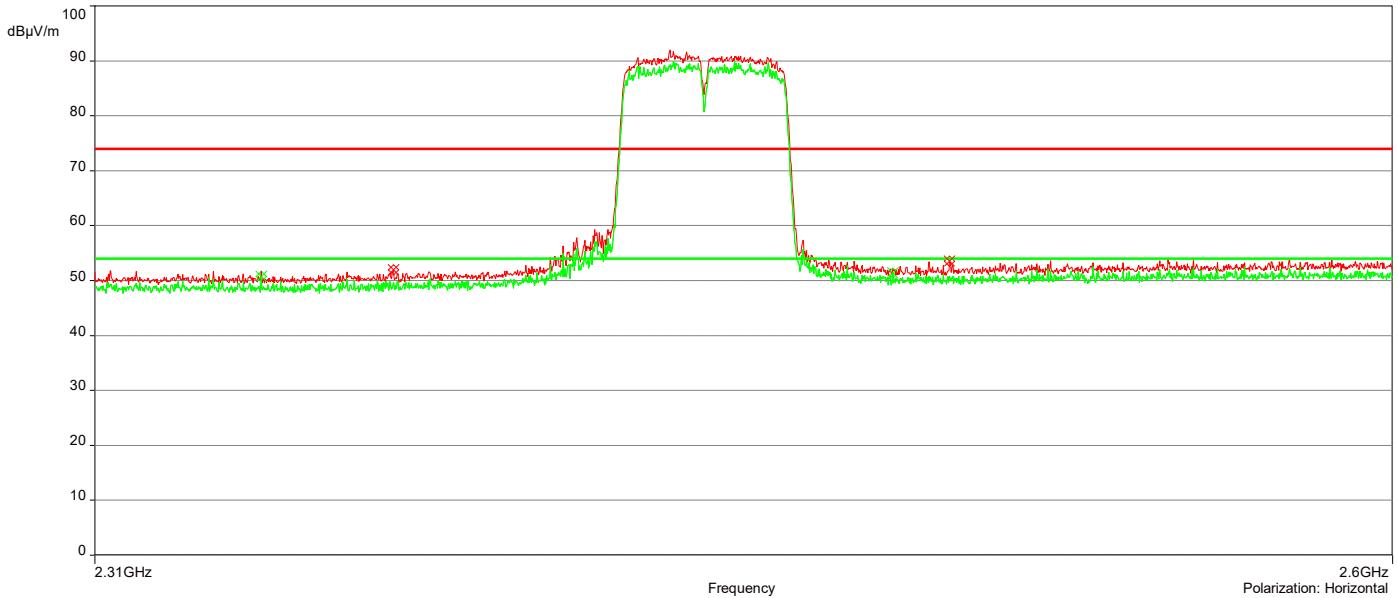
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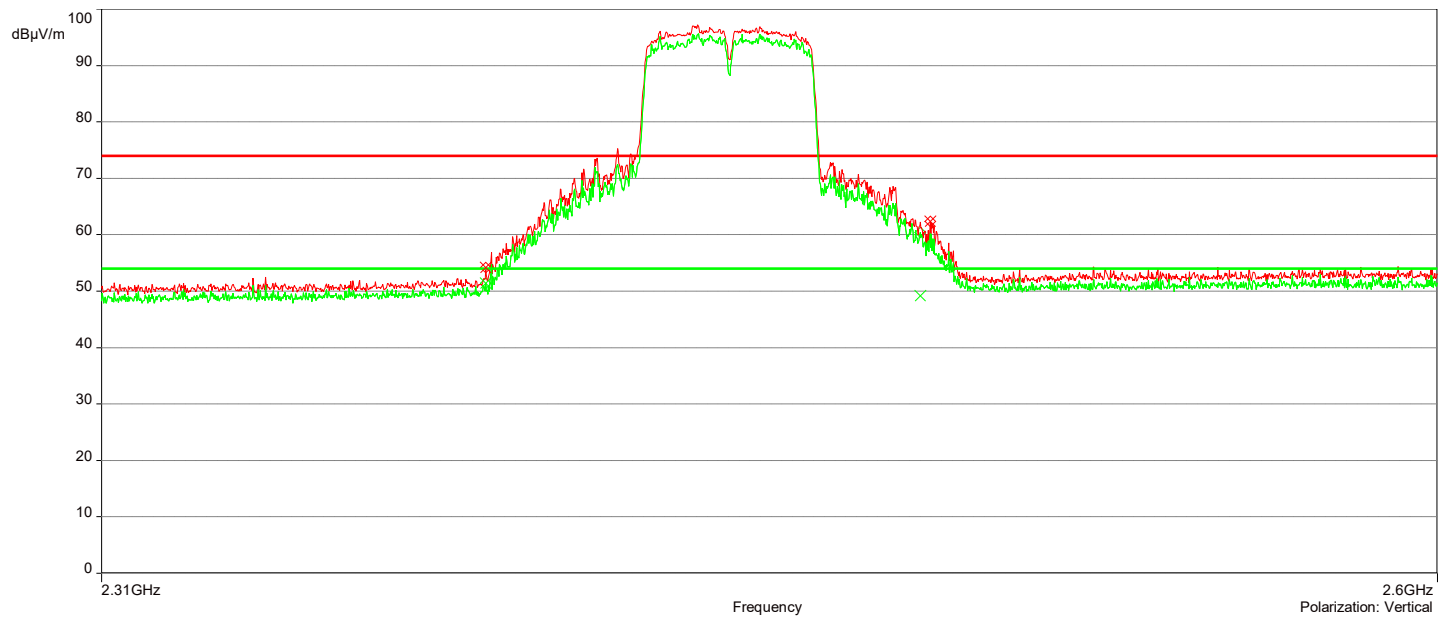
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No	Frequency (MHz)	Level Peak Reading (dBμV/m)	Correction Factor (dB)	Limit dBμV/m	Margin (dB)	Height (m)	Angle (°)	Polarization	Judgement
1.	2.389935GHz	54.22	-2.80	74.00	-19.78	1.50	232.80	Vertical	Passed
2.	2.4858279GHz	62.38	-2.28	74.00	-11.62	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	Initial Release
1.1	04/01/2024	Aravind Buddana	- 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	- 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 "J23220_W300#1_2.4G_Restricted Bandedge_802.11n_MCS0_Ch 11" - Re-Updated data in Page 104 for 'J23220_W300#1_2.4G_Restricted Bandedge_802.11b_1Mbps_Ch 9_Power_20dBm' with manual picture showing the x-axis frequency division.
1.3	05/16/2024	Aravind Buddana	- 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