

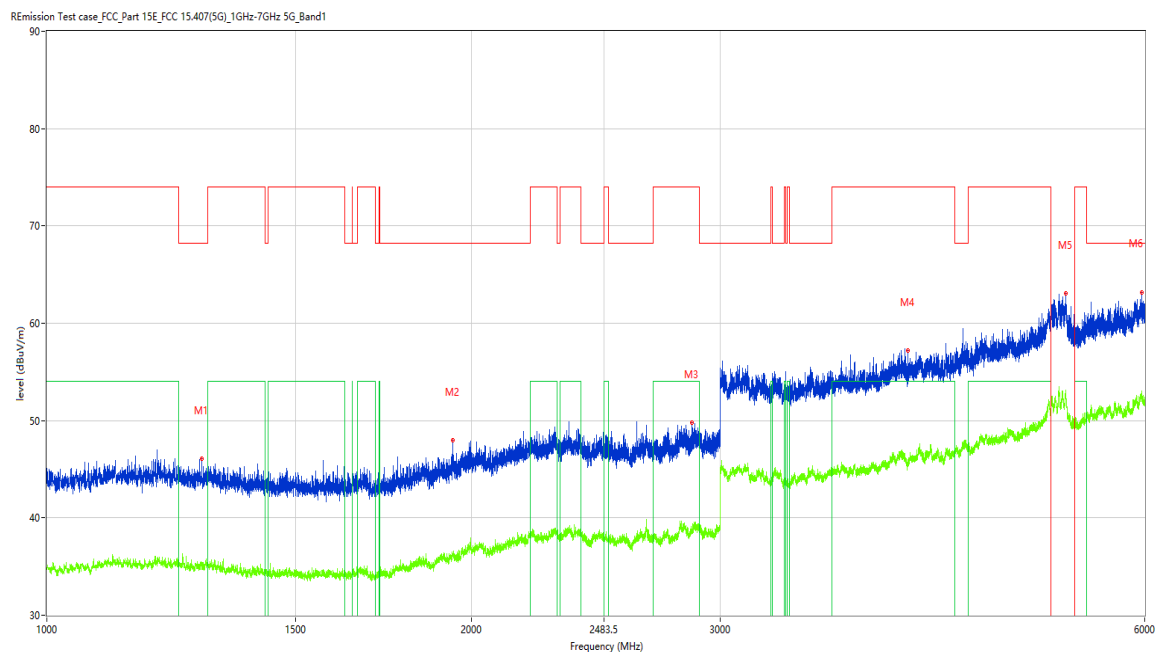
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Figure 113: Spurious Emission, 1GHz – 10th Harmonic, 802.11ac(VHT40), 5190MHz
1GHz-6GHz, Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1287.464	46.07	-7.52	68.2	-22.13	Peak	199.90	100	Horizontal	Pass
1**	1287.464	34.87	-7.52	--	34.87	AV	199.90	100	Horizontal	N/A
2	1940.632	47.98	-6.71	68.2	-20.22	Peak	240.90	100	Horizontal	Pass
2**	1940.632	36.21	-6.71	--	36.21	AV	240.90	100	Horizontal	N/A
3	2865.267	49.77	-2.27	74.0	-24.23	Peak	263.70	100	Horizontal	Pass
3**	2865.267	38.55	-2.27	54.0	-15.45	AV	263.70	100	Horizontal	Pass
4	4077.990	57.16	5.92	74.0	-16.84	Peak	156.90	100	Horizontal	Pass
4**	4077.990	45.96	5.92	54.0	-8.04	AV	156.90	100	Horizontal	Pass
5	5274.466	63.08	11.39	--	-117.22	Peak	180.30	100	Horizontal	Pass
5**	5274.466	53.03	11.39	--	53.03	AV	180.30	100	Horizontal	N/A
6	5974.128	63.19	11.11	68.2	-5.01	Peak	99.50	100	Horizontal	Pass
6**	5974.128	52.13	11.11	--	52.13	AV	99.50	100	Horizontal	N/A

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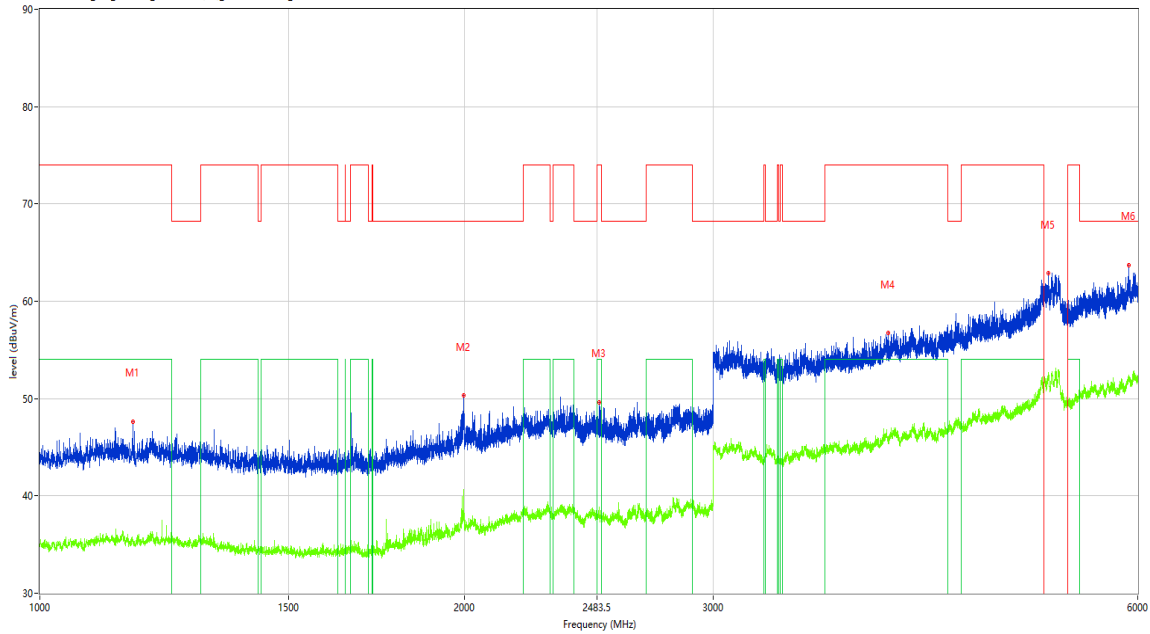
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1GHz-6GHz, Vertical

REmission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz 5G_Band1



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1164.229	47.64	-7.12	74.0	-26.36	Peak	299.60	100	Vertical	Pass
1**	1164.229	35.54	-7.12	54.0	-18.46	AV	299.60	100	Vertical	Pass
2	1997.875	50.33	-6.18	68.2	-17.87	Peak	65.60	100	Vertical	Pass
2**	1997.875	40.63	-6.18	--	40.63	AV	65.60	100	Vertical	N/A
3	2490.564	49.65	-4.10	74.0	-24.35	Peak	359.90	100	Vertical	Pass
3**	2490.564	38.20	-4.10	54.0	-15.80	AV	359.90	100	Vertical	Pass
4	3990.626	56.72	5.40	74.0	-17.28	Peak	354.70	100	Vertical	Pass
4**	3990.626	45.75	5.40	54.0	-8.25	AV	354.70	100	Vertical	Pass
5	5182.977	62.88	11.07	--	-138.62	Peak	201.50	100	Vertical	Pass
5**	5182.977	52.57	11.07	--	52.57	AV	201.50	100	Vertical	N/A
6	5913.011	63.73	10.30	68.2	-4.47	Peak	0.00	100	Vertical	Pass
6**	5913.011	52.14	10.30	--	52.14	AV	0.00	100	Vertical	N/A

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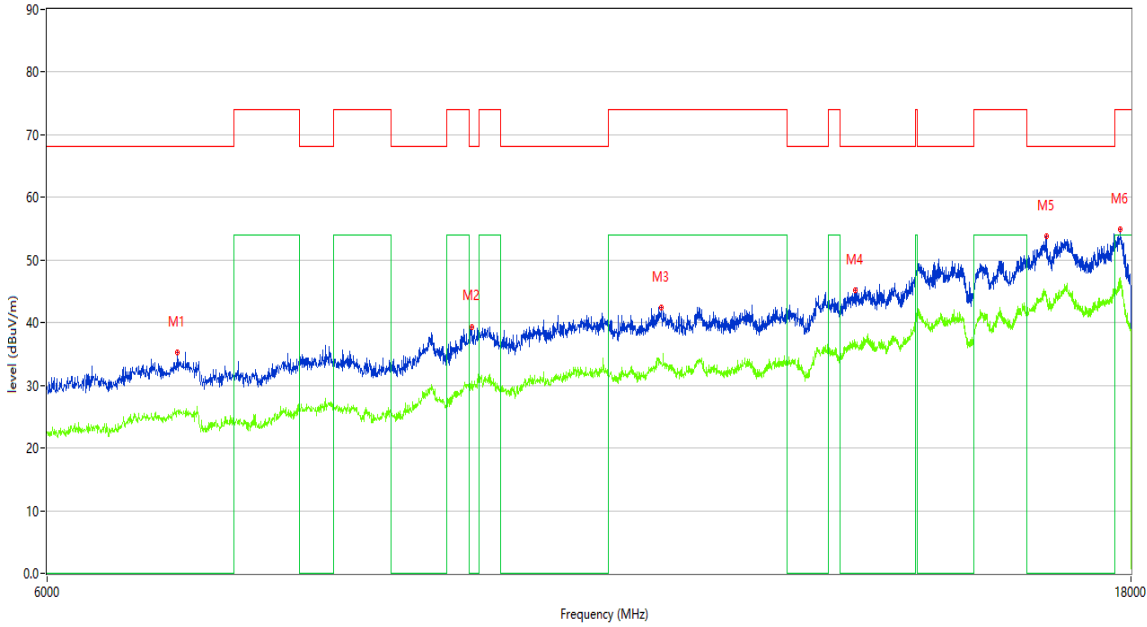
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6GHz-18GHz, Horizontal

R Emission Test case_FCC_Part 15E_FCC 15.407(5G)_6GHz-18GHz_B1



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	6848.788	35.29	1.80	68.2	-32.91	Peak	169.30	100	Horizontal	Pass
1**	6848.788	25.94	1.80	--	25.94	AV	169.30	100	Horizontal	N/A
2	9227.193	39.37	8.55	68.2	-28.83	Peak	339.10	100	Horizontal	Pass
2**	9227.193	30.68	8.55	--	30.68	AV	339.10	100	Horizontal	N/A
3	11182.704	42.44	10.75	74.0	-31.56	Peak	209.90	100	Horizontal	Pass
3**	11182.704	33.68	10.75	54.0	-20.32	AV	209.90	100	Horizontal	Pass
4	13609.098	45.14	14.51	68.2	-23.06	Peak	36.10	100	Horizontal	Pass
4**	13609.098	36.51	14.51	--	36.51	AV	36.10	100	Horizontal	N/A
5	16521.370	53.85	19.95	68.2	-14.35	Peak	232.30	100	Horizontal	Pass
5**	16521.370	44.42	19.95	--	44.42	AV	232.30	100	Horizontal	N/A
6	17802.049	54.89	21.02	74.0	-19.11	Peak	360.00	100	Horizontal	Pass
6**	17802.049	46.48	21.02	54.0	-7.52	AV	360.00	100	Horizontal	Pass

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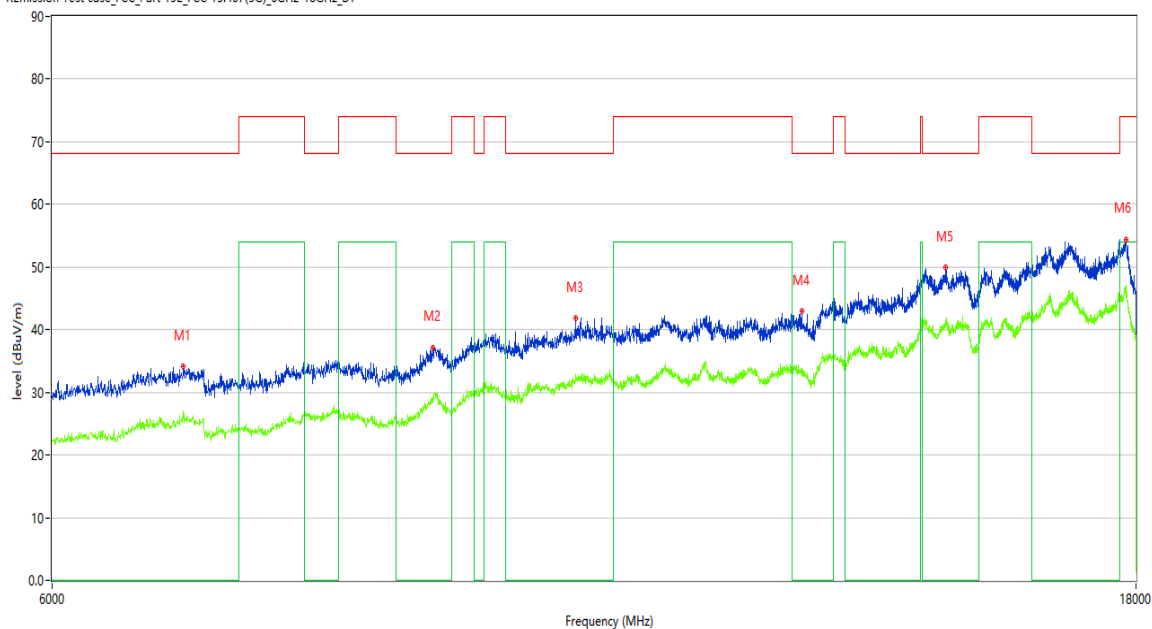
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6GHz-18GHz, Vertical

R Emission Test case_FCC_Part 15E_FCC 15.407(5G)_6GHz-18GHz_B1



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	6854.786	34.08	1.78	68.2	-34.12	Peak	61.10	100	Vertical	Pass
1**	6854.786	25.94	1.78	--	25.94	AV	61.10	100	Vertical	N/A
2	8828.293	37.18	7.22	68.2	-31.02	Peak	4.40	100	Vertical	Pass
2**	8828.293	29.09	7.22	--	29.09	AV	4.40	100	Vertical	N/A
3	10201.950	41.89	10.52	68.2	-26.31	Peak	34.30	100	Vertical	Pass
3**	10201.950	32.87	10.52	--	32.87	AV	34.30	100	Vertical	N/A
4	12832.292	42.96	10.76	68.2	-25.24	Peak	185.80	100	Vertical	Pass
4**	12832.292	33.59	10.76	--	33.59	AV	185.80	100	Vertical	N/A
5	14841.790	49.90	18.15	68.2	-18.30	Peak	145.90	100	Vertical	Pass
5**	14841.790	41.55	18.15	--	41.55	AV	145.90	100	Vertical	N/A
6	17817.046	54.40	20.46	74.0	-19.60	Peak	266.10	100	Vertical	Pass
6**	17817.046	46.97	20.46	54.0	-7.03	AV	266.10	100	Vertical	Pass

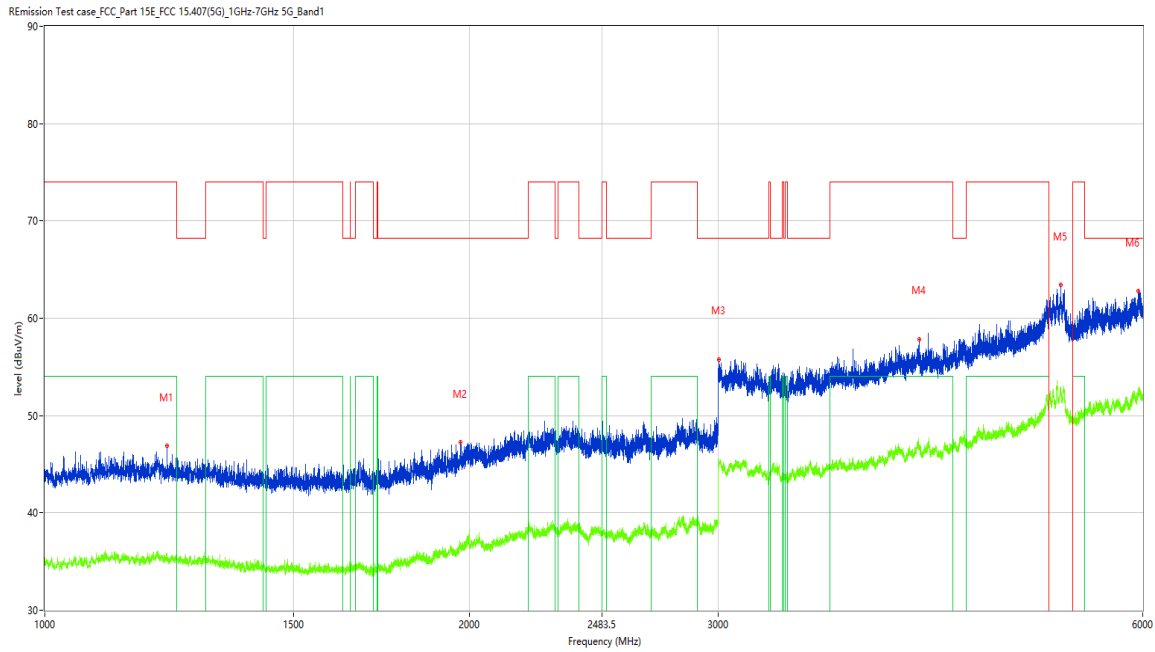
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Figure 114: Spurious Emission, 1GHz – 10th Harmonic, 802.11ac(VHT40), 5230MHz
1GHz-6GHz, Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1220.472	46.86	-7.29	74.0	-27.14	Peak	83.10	100	Horizontal	Pass
1**	1220.472	35.89	-7.29	54.0	-18.11	AV	83.10	100	Horizontal	Pass
2	1970.879	47.27	-6.38	68.2	-20.93	Peak	195.80	100	Horizontal	Pass
2**	1970.879	36.39	-6.38	--	36.39	AV	195.80	100	Horizontal	N/A
3	3003.000	55.79	3.34	68.2	-12.41	Peak	237.30	100	Horizontal	Pass
3**	3003.000	45.09	3.34	--	45.09	AV	237.30	100	Horizontal	N/A
4	4164.979	57.87	5.54	74.0	-16.13	Peak	149.40	100	Horizontal	Pass
4**	4164.979	46.93	5.54	54.0	-7.07	AV	149.40	100	Horizontal	Pass
5	5248.969	63.42	11.31	--	-296.98	Peak	360.40	100	Horizontal	Pass
5**	5248.969	52.53	11.31	--	52.53	AV	360.40	100	Horizontal	N/A
6	5959.880	62.79	10.81	68.2	-5.41	Peak	158.70	100	Horizontal	Pass
6**	5959.880	52.31	10.81	--	52.31	AV	158.70	100	Horizontal	N/A

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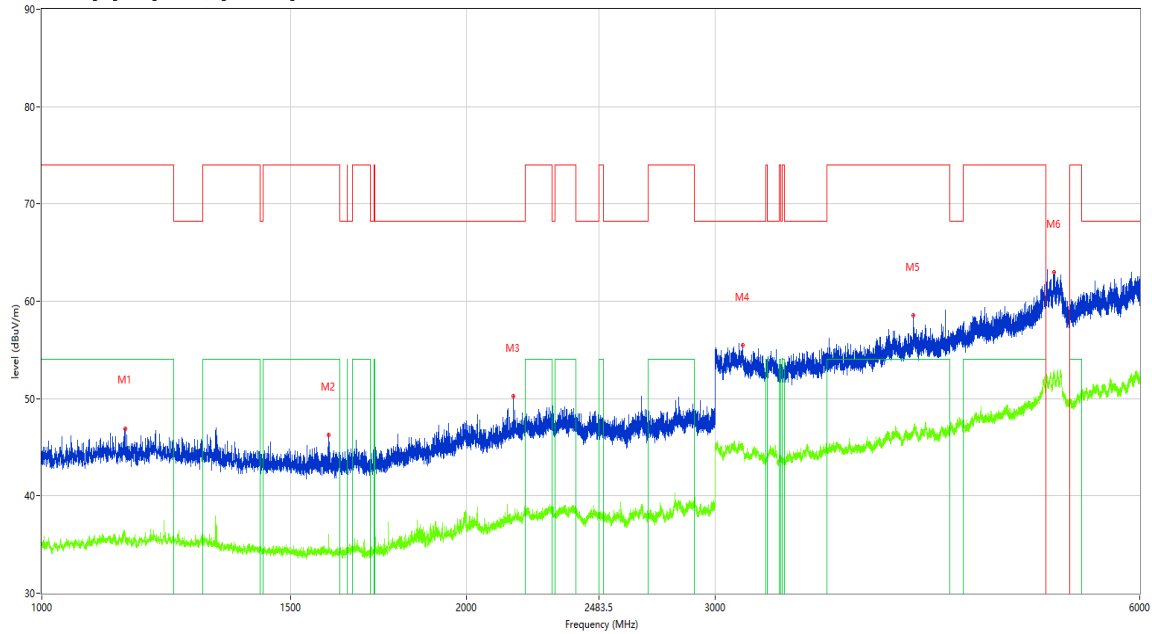
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1GHz-6GHz, Vertical

REmission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz 5G_Band1



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1145.482	46.92	-7.13	74.0	-27.08	Peak	291.20	100	Vertical	Pass
1**	1145.482	36.14	-7.13	54.0	-17.86	AV	291.20	100	Vertical	Pass
2	1597.175	46.25	-8.73	74.0	-27.75	Peak	201.10	100	Vertical	Pass
2**	1597.175	36.01	-8.73	54.0	-17.99	AV	201.10	100	Vertical	Pass
3	2158.605	50.22	-4.96	68.2	-17.98	Peak	318.30	100	Vertical	Pass
3**	2158.605	37.57	-4.96	--	37.57	AV	318.30	100	Vertical	N/A
4	3138.733	55.48	3.67	68.2	-12.72	Peak	306.80	100	Vertical	Pass
4**	3138.733	44.96	3.67	--	44.96	AV	306.80	100	Vertical	N/A
5	4146.982	58.57	6.11	74.0	-15.43	Peak	178.10	100	Vertical	Pass
5**	4146.982	46.59	6.11	54.0	-7.41	AV	178.10	100	Vertical	Pass
6	5215.973	62.94	11.20	--	53.04	Peak	9.90	100	Vertical	N/A
6**	5215.973	52.49	11.20	--	52.49	AV	9.90	100	Vertical	N/A

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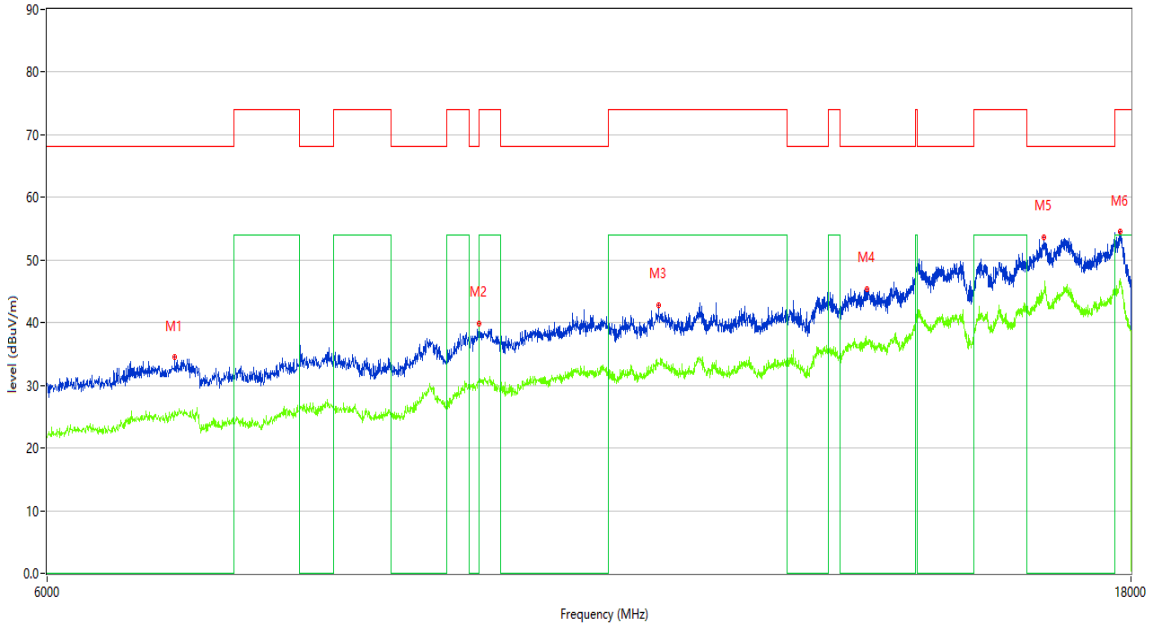
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6GHz-18GHz, Horizontal

R Emission Test case_FCC_Part 15E_FCC 15.407(5G)_6GHz-18GHz_B1



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	6827.793	34.52	1.61	68.2	-33.68	Peak	212.60	100	Horizontal	Pass
1**	6827.793	25.84	1.61	--	25.84	AV	212.60	100	Horizontal	N/A
2	9299.175	39.94	9.10	68.2	-28.26	Peak	39.50	100	Horizontal	Pass
2**	9299.175	31.12	9.10	--	31.12	AV	39.50	100	Horizontal	N/A
3	11152.712	42.85	10.82	74.0	-31.15	Peak	293.30	100	Horizontal	Pass
3**	11152.712	33.37	10.82	54.0	-20.63	AV	293.30	100	Horizontal	Pass
4	13777.056	45.44	13.53	68.2	-22.76	Peak	226.00	100	Horizontal	Pass
4**	13777.056	37.17	13.53	--	37.17	AV	226.00	100	Horizontal	N/A
5	16482.379	53.72	20.46	68.2	-14.48	Peak	26.10	100	Horizontal	Pass
5**	16482.379	44.62	20.46	--	44.62	AV	26.10	100	Horizontal	N/A
6	17799.050	54.60	21.10	74.0	-19.40	Peak	172.40	100	Horizontal	Pass
6**	17799.050	46.15	21.10	54.0	-7.85	AV	172.40	100	Horizontal	Pass

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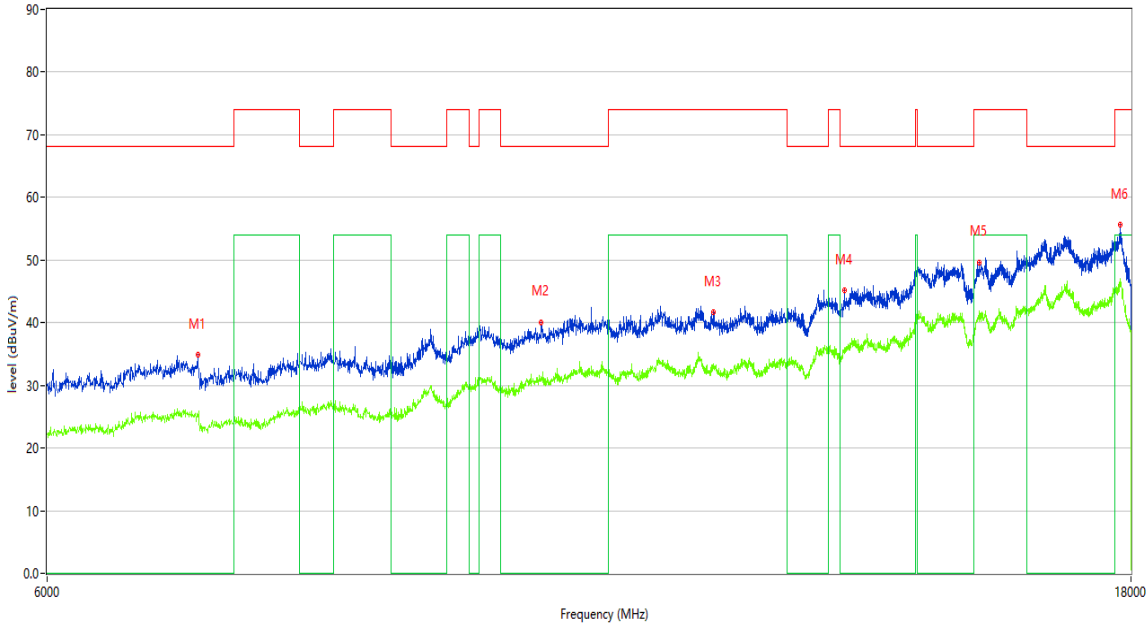
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6GHz-18GHz, Vertical

R Emission Test case_FCC_Part 15E_FCC 15.407(5G)_6GHz-18GHz_B1



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	6989.753	34.87	1.40	68.2	-33.33	Peak	267.80	100	Vertical	Pass
1**	6989.753	25.32	1.40	--	25.32	AV	267.80	100	Vertical	N/A
2	9902.024	40.11	9.91	68.2	-28.09	Peak	191.80	100	Vertical	Pass
2**	9902.024	31.36	9.91	--	31.36	AV	191.80	100	Vertical	N/A
3	11788.553	41.70	10.59	74.0	-32.30	Peak	314.30	100	Vertical	Pass
3**	11788.553	33.48	10.59	54.0	-20.52	AV	314.30	100	Vertical	Pass
4	13462.134	45.16	13.32	68.2	-23.04	Peak	355.70	100	Vertical	Pass
4**	13462.134	35.98	13.32	--	35.98	AV	355.70	100	Vertical	N/A
5	15435.641	49.66	15.45	74.0	-24.34	Peak	0.50	100	Vertical	Pass
5**	15435.641	41.75	15.45	54.0	-12.25	AV	0.50	100	Vertical	Pass
6	17811.047	55.69	20.68	74.0	-18.31	Peak	288.60	100	Vertical	Pass
6**	17811.047	45.81	20.68	54.0	-8.19	AV	288.60	100	Vertical	Pass

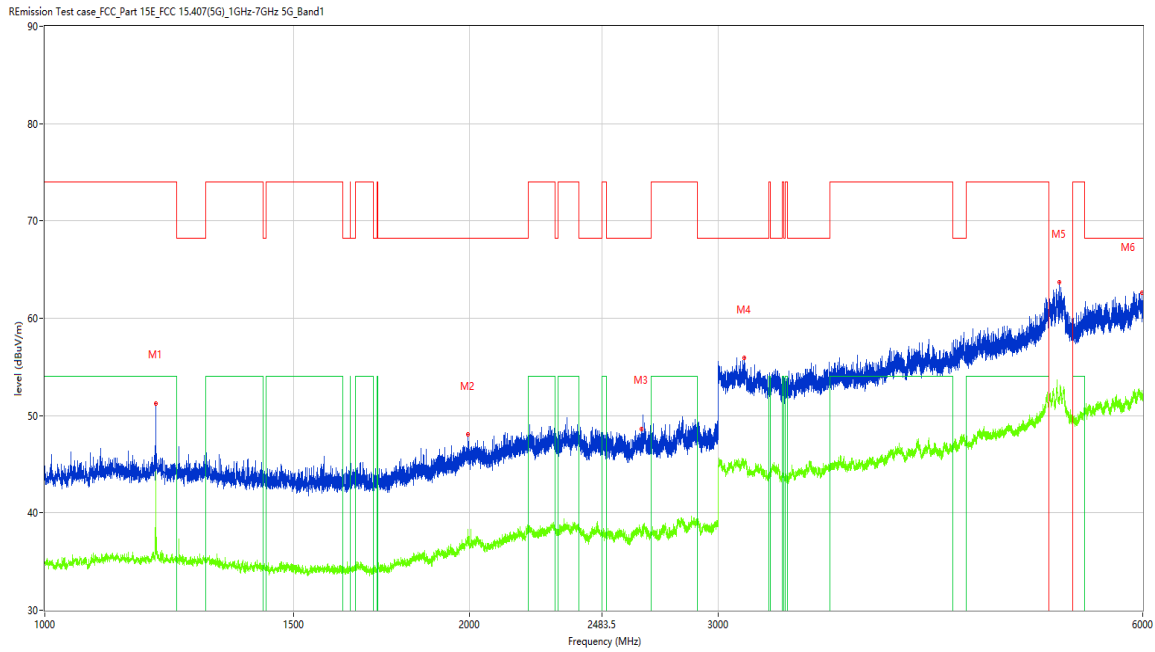
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Figure 115: Spurious Emission, 1GHz – 10th Harmonic, 802.11ac(VHT80), 5210MHz
1GHz-7GHz, Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1198.475	51.28	-7.10	74.0	-22.72	Peak	125.50	100	Horizontal	Pass
1**	1198.475	43.48	-7.10	54.0	-10.52	AV	125.50	100	Horizontal	Pass
2	1993.876	48.05	-6.14	68.2	-20.15	Peak	6.20	100	Horizontal	Pass
2**	1993.876	38.29	-6.14	--	38.29	AV	6.20	100	Horizontal	N/A
3	2648.044	48.64	-3.57	68.2	-19.56	Peak	0.40	100	Horizontal	Pass
3**	2648.044	37.93	-3.57	--	37.93	AV	0.40	100	Horizontal	N/A
4	3130.484	55.92	3.70	68.2	-12.28	Peak	87.80	100	Horizontal	Pass
4**	3130.484	45.02	3.70	--	45.02	AV	87.80	100	Horizontal	N/A
5	5237.720	63.70	11.27	--	9.40	Peak	54.30	100	Horizontal	N/A
5**	5237.720	51.86	11.27	--	51.86	AV	54.30	100	Horizontal	N/A
6	5993.626	62.65	10.71	68.2	-5.55	Peak	30.10	100	Horizontal	Pass
6**	5993.626	51.75	10.71	--	51.75	AV	30.10	100	Horizontal	N/A

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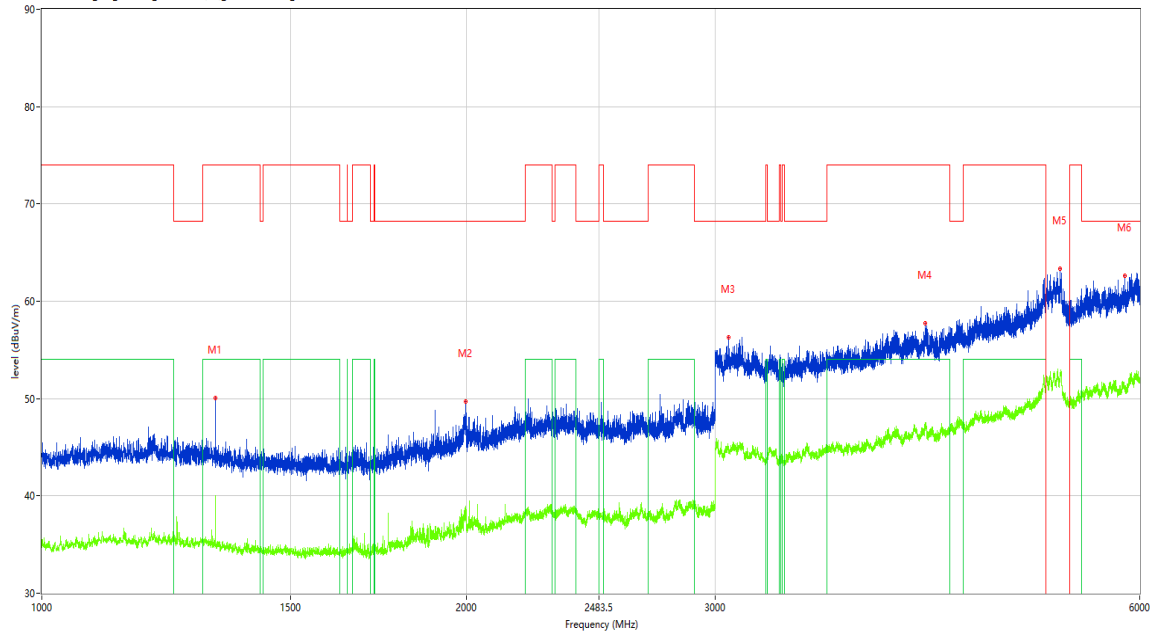
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1GHz-7GHz, Vertical

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No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.459	50.04	-7.85	74.0	-23.96	Peak	93.50	100	Vertical	Pass
1**	1327.459	40.07	-7.85	54.0	-13.93	AV	93.50	100	Vertical	Pass
2	1996.125	49.66	-6.17	68.2	-18.54	Peak	71.20	100	Vertical	Pass
2**	1996.125	38.70	-6.17	--	38.70	AV	71.20	100	Vertical	N/A
3	3065.992	56.29	3.36	68.2	-11.91	Peak	211.20	100	Vertical	Pass
3**	3065.992	44.91	3.36	--	44.91	AV	211.20	100	Vertical	N/A
4	4228.346	57.71	6.20	74.0	-16.29	Peak	72.00	100	Vertical	Pass
4**	4228.346	47.13	6.20	54.0	-6.87	AV	72.00	100	Vertical	Pass
5	5269.591	63.33	11.38	--	-242.77	Peak	306.10	100	Vertical	Pass
5**	5269.591	52.40	11.38	--	52.40	AV	306.10	100	Vertical	N/A
6	5854.893	62.60	9.67	68.2	-5.60	Peak	310.60	100	Vertical	Pass
6**	5854.893	51.20	9.67	--	51.20	AV	310.60	100	Vertical	N/A

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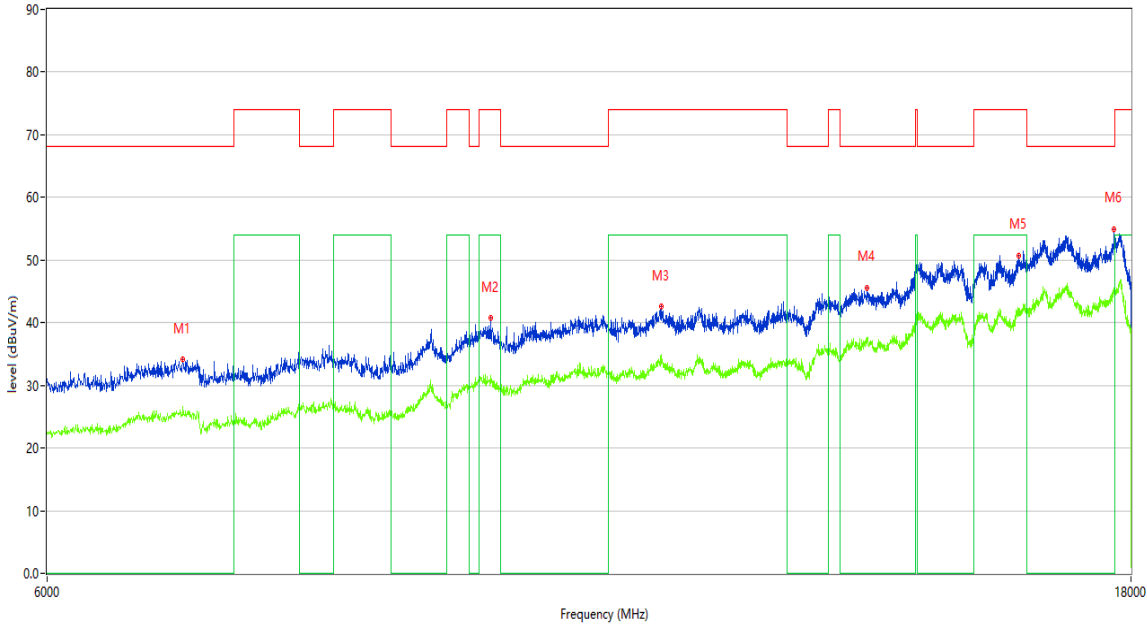
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6GHz-18GHz, Horizontal

R Emission Test case_FCC_Part 15E_FCC 15.407(5G)_6GHz-18GHz_B1



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	6884.779	34.20	1.55	68.2	-34.00	Peak	146.80	100	Horizontal	Pass
1**	6884.779	26.57	1.55	--	26.57	AV	146.80	100	Horizontal	N/A
2	9410.147	40.79	9.75	74.0	-33.21	Peak	227.50	100	Horizontal	Pass
2**	9410.147	31.63	9.75	54.0	-22.37	AV	227.50	100	Horizontal	Pass
3	11179.705	42.65	10.76	74.0	-31.35	Peak	43.90	100	Horizontal	Pass
3**	11179.705	33.36	10.76	54.0	-20.64	AV	43.90	100	Horizontal	Pass
4	13780.055	45.61	13.52	68.2	-22.59	Peak	133.40	100	Horizontal	Pass
4**	13780.055	37.33	13.52	--	37.33	AV	133.40	100	Horizontal	N/A
5	16062.484	50.78	16.83	74.0	-23.22	Peak	43.90	100	Horizontal	Pass
5**	16062.484	41.48	16.83	54.0	-12.52	AV	43.90	100	Horizontal	Pass
6	17697.076	54.99	22.22	68.2	-13.21	Peak	200.00	100	Horizontal	Pass
6**	17697.076	45.51	22.22	--	45.51	AV	200.00	100	Horizontal	N/A

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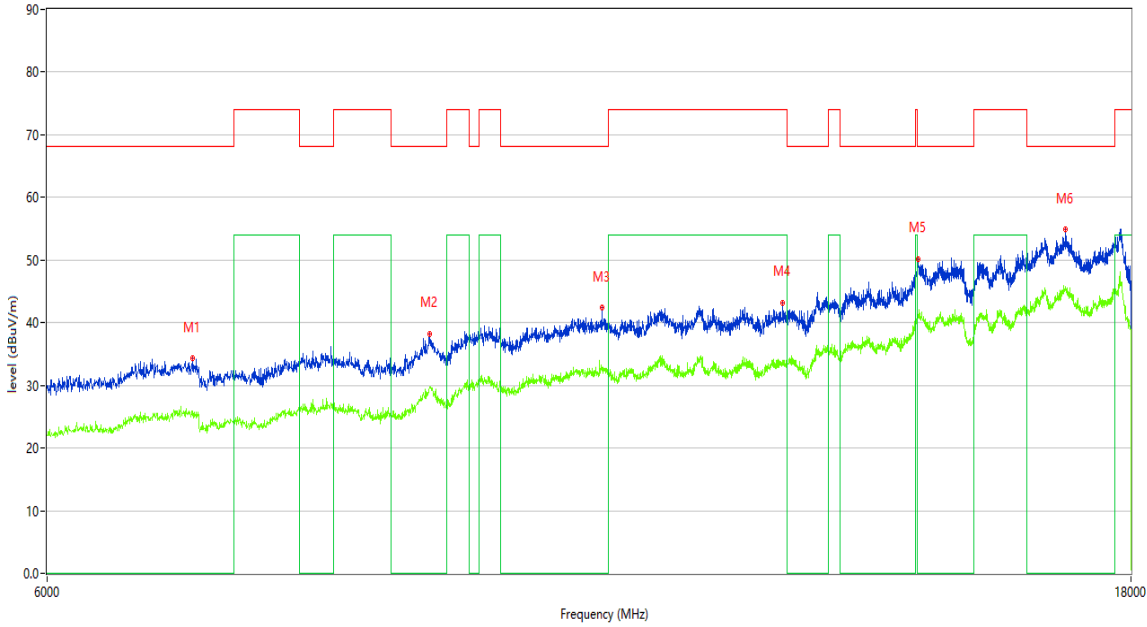
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6GHz-18GHz, Vertical

R Emission Test case_FCC_Part 15E_FCC 15.407(5G)_6GHz-18GHz_B1



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	6950.762	34.33	1.11	68.2	-33.87	Peak	119.90	100	Vertical	Pass
1**	6950.762	25.21	1.11	--	25.21	AV	119.90	100	Vertical	N/A
2	8840.290	38.27	7.41	68.2	-29.93	Peak	52.90	100	Vertical	Pass
2**	8840.290	29.58	7.41	--	29.58	AV	52.90	100	Vertical	N/A
3	10531.867	42.43	9.91	68.2	-25.77	Peak	208.10	100	Vertical	Pass
3**	10531.867	32.56	9.91	--	32.56	AV	208.10	100	Vertical	N/A
4	12649.338	43.24	11.58	74.0	-30.76	Peak	89.00	100	Vertical	Pass
4**	12649.338	33.53	11.58	54.0	-20.47	AV	89.00	100	Vertical	Pass
5	14505.874	50.21	17.08	68.2	-17.99	Peak	182.00	100	Vertical	Pass
5**	14505.874	40.90	17.08	--	40.90	AV	182.00	100	Vertical	N/A
6	16845.289	54.93	20.44	68.2	-13.27	Peak	39.10	100	Vertical	Pass
6**	16845.289	45.41	20.44	--	45.41	AV	39.10	100	Vertical	N/A

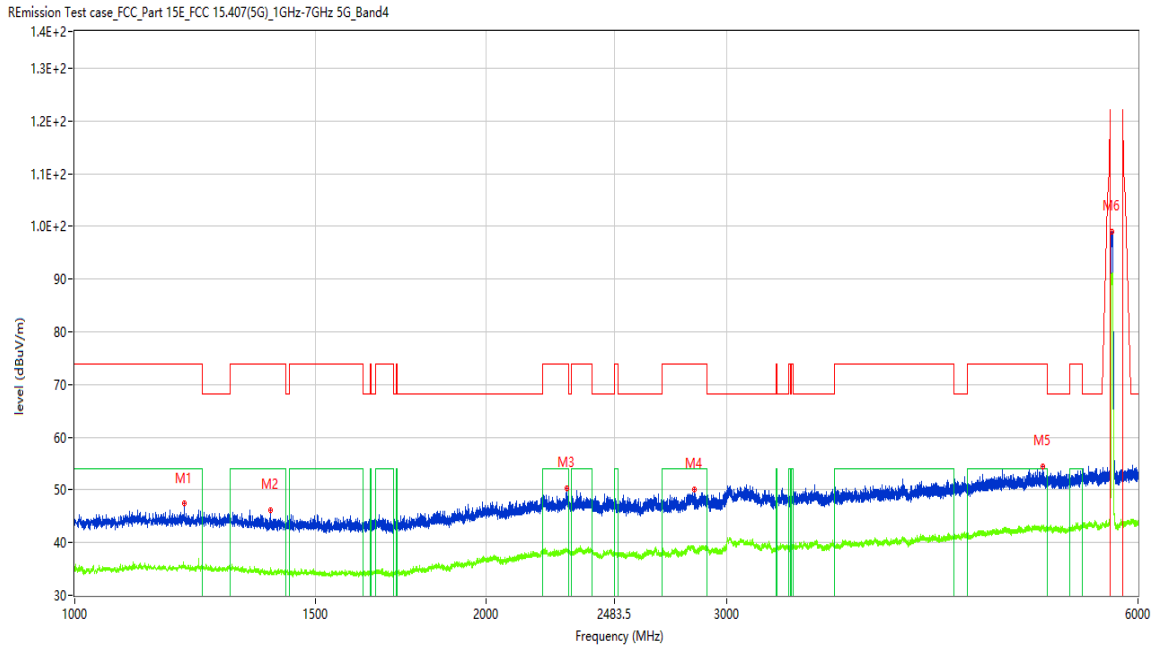
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Figure 116: Spurious Emission, 1GHz – 10th Harmonic, 802.11a, 5745MHz
1GHz-6GHz, Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1202.225	47.36	-7.13	74.0	-26.64	Peak	217.30	100	Horizontal	Pass
1**	1202.225	35.61	-7.13	54.0	-18.39	AV	217.30	100	Horizontal	Pass
2	1390.951	46.14	-8.21	74.0	-27.86	Peak	276.10	100	Horizontal	Pass
2**	1390.951	35.14	-8.21	54.0	-18.86	AV	276.10	100	Horizontal	Pass
3	2292.838	50.34	-3.99	74.0	-23.66	Peak	357.50	100	Horizontal	Pass
3**	2292.838	38.66	-3.99	54.0	-15.34	AV	357.50	100	Horizontal	Pass
4	2841.770	50.20	-2.29	74.0	-23.80	Peak	65.50	100	Horizontal	Pass
4**	2841.770	38.85	-2.29	54.0	-15.15	AV	65.50	100	Horizontal	Pass
5	5109.111	54.42	1.75	74.0	-19.58	Peak	154.30	100	Horizontal	Pass
5**	5109.111	42.92	1.75	54.0	-11.08	AV	154.30	100	Horizontal	Pass
6	5739.033	98.98	2.16	--	-215.72	Peak	314.70	100	Horizontal	Pass
6**	5739.033	90.70	2.16	--	90.70	AV	314.70	100	Horizontal	N/A

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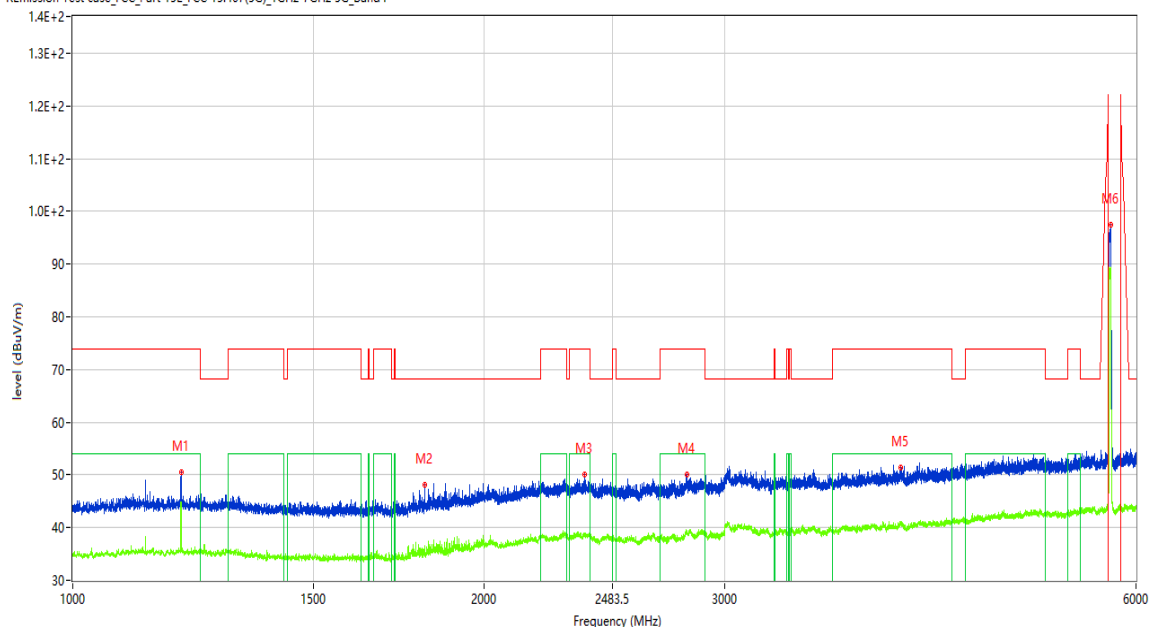
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1GHz-6GHz, Vertical

REmission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz 5G_Band4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1200.225	50.51	-7.10	74.0	-23.49	Peak	54.80	100	Vertical	Pass
1**	1200.225	44.95	-7.10	54.0	-9.05	AV	54.80	100	Vertical	Pass
2	1810.149	48.20	-8.00	68.2	-20.00	Peak	306.70	100	Vertical	Pass
2**	1810.149	36.61	-8.00	--	36.61	AV	306.70	100	Vertical	N/A
3	2367.579	50.08	-4.05	74.0	-23.92	Peak	360.00	100	Vertical	Pass
3**	2367.579	38.24	-4.05	54.0	-15.76	AV	360.00	100	Vertical	Pass
4	2814.523	50.12	-2.37	74.0	-23.88	Peak	203.60	100	Vertical	Pass
4**	2814.523	39.07	-2.37	54.0	-14.93	AV	203.60	100	Vertical	Pass
5	4033.746	51.36	-0.11	74.0	-22.64	Peak	0.00	100	Vertical	Pass
5**	4033.746	40.36	-0.11	54.0	-13.64	AV	0.00	100	Vertical	Pass
6	5749.906	97.37	2.16	--	-156.93	Peak	254.30	100	Vertical	Pass
6**	5749.906	89.20	2.16	--	89.20	AV	254.30	100	Vertical	N/A

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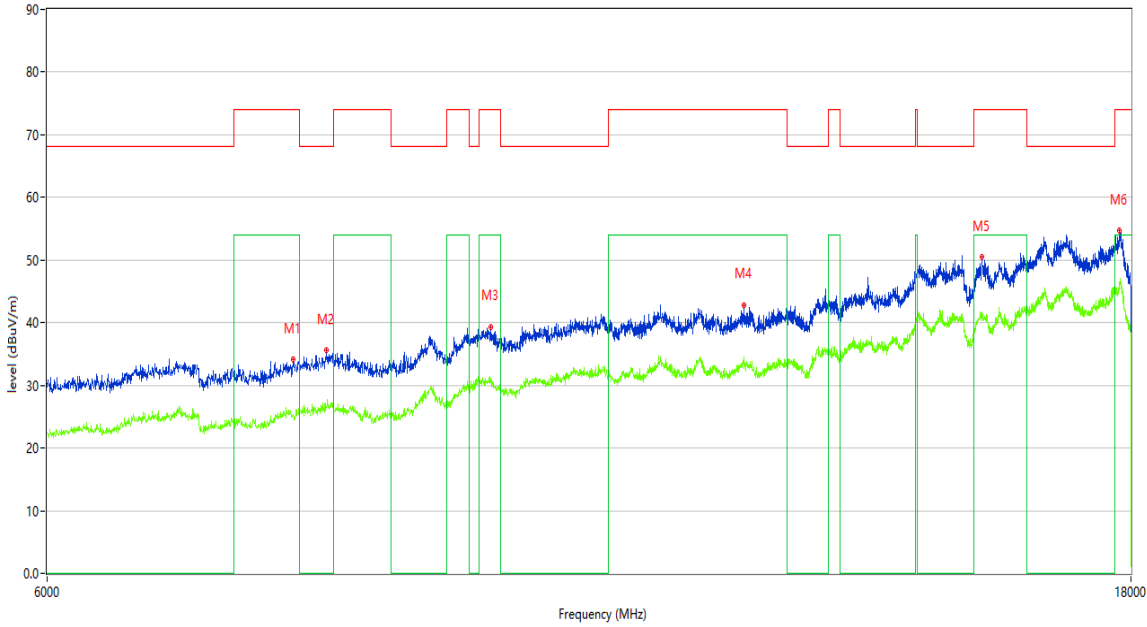
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6GHz-18GHz, Horizontal

R Emission Test case_FCC_Part 15E_FCC 15.407(5G)_6GHz-18GHz_B4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7700.575	34.17	4.46	74.0	-39.83	Peak	192.90	100	Horizontal	Pass
1**	7700.575	25.22	4.46	54.0	-28.78	AV	192.90	100	Horizontal	Pass
2	7964.509	35.61	4.98	68.2	-32.59	Peak	333.10	100	Horizontal	Pass
2**	7964.509	26.54	4.98	--	26.54	AV	333.10	100	Horizontal	N/A
3	9407.148	39.36	9.81	74.0	-34.64	Peak	267.50	100	Horizontal	Pass
3**	9407.148	31.00	9.81	54.0	-23.00	AV	267.50	100	Horizontal	Pass
4	12157.461	42.87	10.98	74.0	-31.13	Peak	101.00	100	Horizontal	Pass
4**	12157.461	33.83	10.98	54.0	-20.17	AV	101.00	100	Horizontal	Pass
5	15480.630	50.53	15.30	74.0	-23.47	Peak	359.30	100	Horizontal	Pass
5**	15480.630	41.62	15.30	54.0	-12.38	AV	359.30	100	Horizontal	Pass
6	17793.052	54.69	21.13	74.0	-19.31	Peak	153.90	100	Horizontal	Pass
6**	17793.052	45.92	21.13	54.0	-8.08	AV	153.90	100	Horizontal	Pass

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6GHz-18GHz, Vertical

REmission Test case_FCC_Part 15E_FCC 15.407(5G)_6GHz-18GHz_B4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	6845.789	34.76	1.78	68.2	-33.44	Peak	258.30	100	Vertical	Pass
1**	6845.789	26.43	1.78	--	26.43	AV	258.30	100	Vertical	N/A
2	9356.161	39.39	9.84	74.0	-34.61	Peak	360.00	100	Vertical	Pass
2**	9356.161	30.79	9.84	54.0	-23.21	AV	360.00	100	Vertical	Pass
3	11647.588	43.86	10.83	74.0	-30.14	Peak	213.60	100	Vertical	Pass
3**	11647.588	33.98	10.83	54.0	-20.02	AV	213.60	100	Vertical	Pass
4	14514.871	50.44	17.04	68.2	-17.76	Peak	218.10	100	Vertical	Pass
4**	14514.871	40.91	17.04	--	40.91	AV	218.10	100	Vertical	N/A
5	0.000	0.00	0.00	--	-0.00	Peak	0.00	0	Vertical	N/A
6	17802.049	54.86	21.02	74.0	-19.14	Peak	200.20	100	Vertical	Pass
6**	17802.049	46.36	21.02	54.0	-7.64	AV	200.20	100	Vertical	Pass

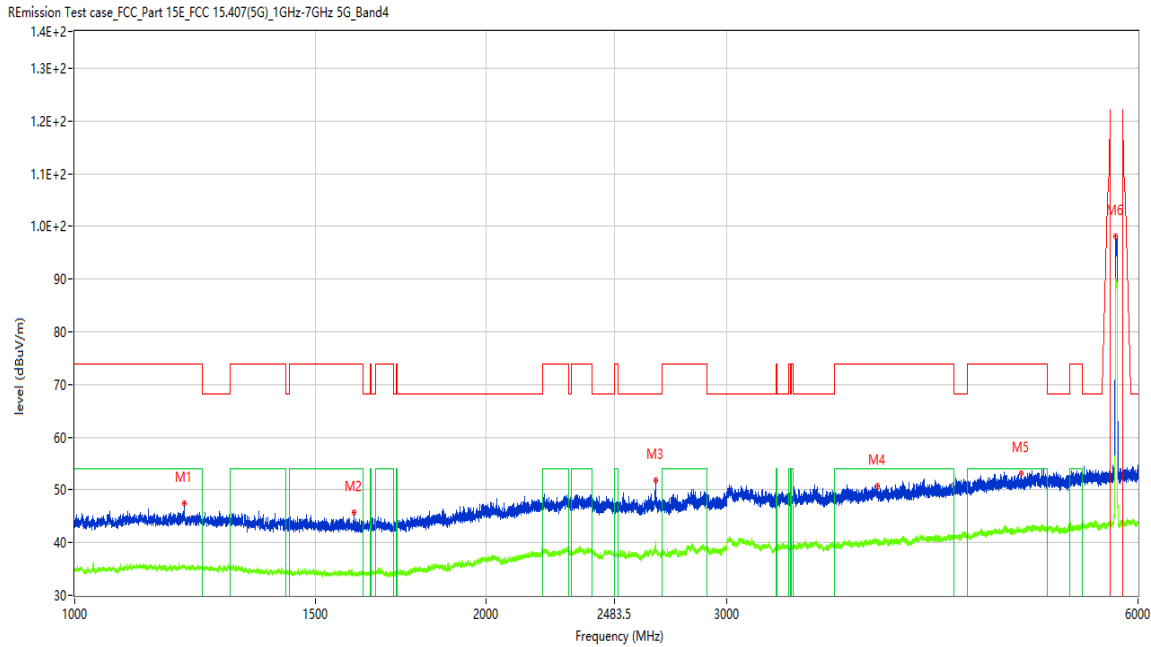
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Figure 117: Spurious Emission, 1GHz – 10th Harmonic, 802.11a, 5785MHz
 1GHz-6GHz, Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1202.975	47.39	-7.14	74.0	-26.61	Peak	168.10	100	Horizontal	Pass
1**	1202.975	35.50	-7.14	54.0	-18.50	AV	168.10	100	Horizontal	Pass
2	1600.425	45.67	-8.75	74.0	-28.33	Peak	1.50	100	Horizontal	Pass
2**	1600.425	34.24	-8.75	54.0	-19.76	AV	1.50	100	Horizontal	Pass
3	2662.042	51.93	-3.18	68.2	-16.27	Peak	91.40	100	Horizontal	Pass
3**	2662.042	40.28	-3.18	--	40.28	AV	91.40	100	Horizontal	N/A
4	3868.016	50.76	-0.47	74.0	-23.24	Peak	0.20	100	Horizontal	Pass
4**	3868.016	39.35	-0.47	54.0	-14.65	AV	0.20	100	Horizontal	Pass
5	4929.884	53.16	1.38	74.0	-20.84	Peak	0.90	100	Horizontal	Pass
5**	4929.884	42.08	1.38	54.0	-11.92	AV	0.90	100	Horizontal	Pass
6	5778.403	98.13	2.16	--	-55.87	Peak	154.00	100	Horizontal	Pass
6**	5778.403	89.95	2.16	--	89.95	AV	154.00	100	Horizontal	N/A

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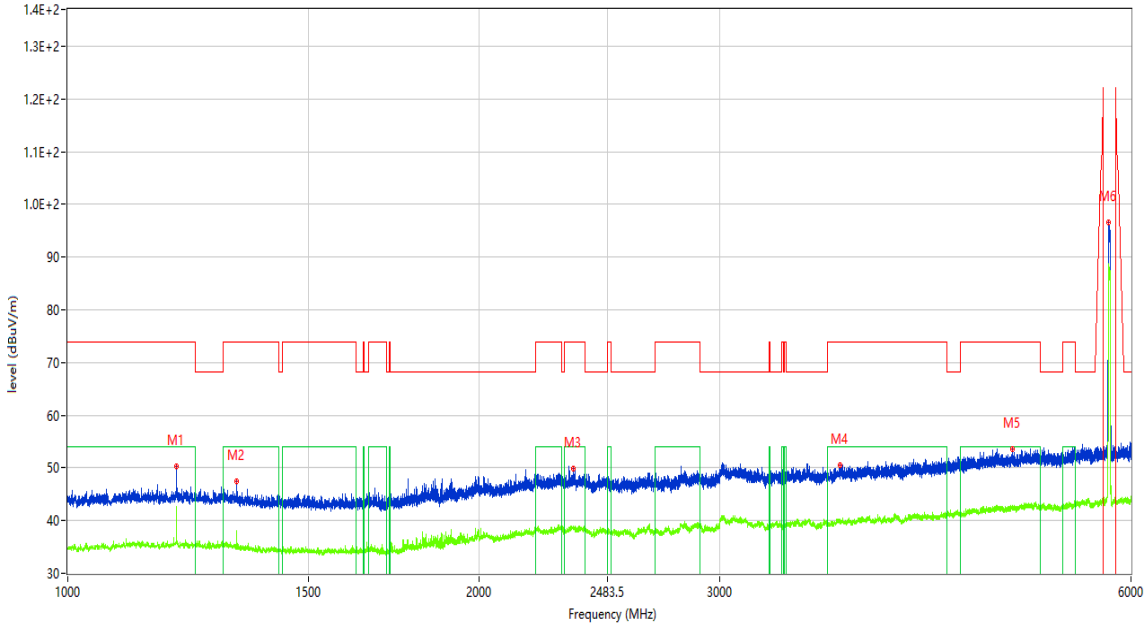
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1GHz-6GHz, Vertical

REmission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz 5G_Band4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1200.725	50.39	-7.11	74.0	-23.61	Peak	359.30	100	Vertical	Pass
1**	1200.725	41.12	-7.11	54.0	-12.88	AV	359.30	100	Vertical	Pass
2	1328.459	47.53	-7.86	74.0	-26.47	Peak	113.90	100	Vertical	Pass
2**	1328.459	38.18	-7.86	54.0	-15.82	AV	113.90	100	Vertical	Pass
3	2343.582	49.85	-4.16	74.0	-24.15	Peak	141.10	100	Vertical	Pass
3**	2343.582	38.63	-4.16	54.0	-15.37	AV	141.10	100	Vertical	Pass
4	3671.916	50.44	-0.80	74.0	-23.56	Peak	233.50	100	Vertical	Pass
4**	3671.916	39.51	-0.80	54.0	-14.49	AV	233.50	100	Vertical	Pass
5	4912.636	53.60	1.31	74.0	-20.40	Peak	157.70	100	Vertical	Pass
5**	4912.636	42.82	1.31	54.0	-11.18	AV	157.70	100	Vertical	Pass
6	5778.403	96.56	2.16	--	-160.04	Peak	256.60	100	Vertical	Pass
6**	5778.403	87.98	2.16	--	87.98	AV	256.60	100	Vertical	N/A

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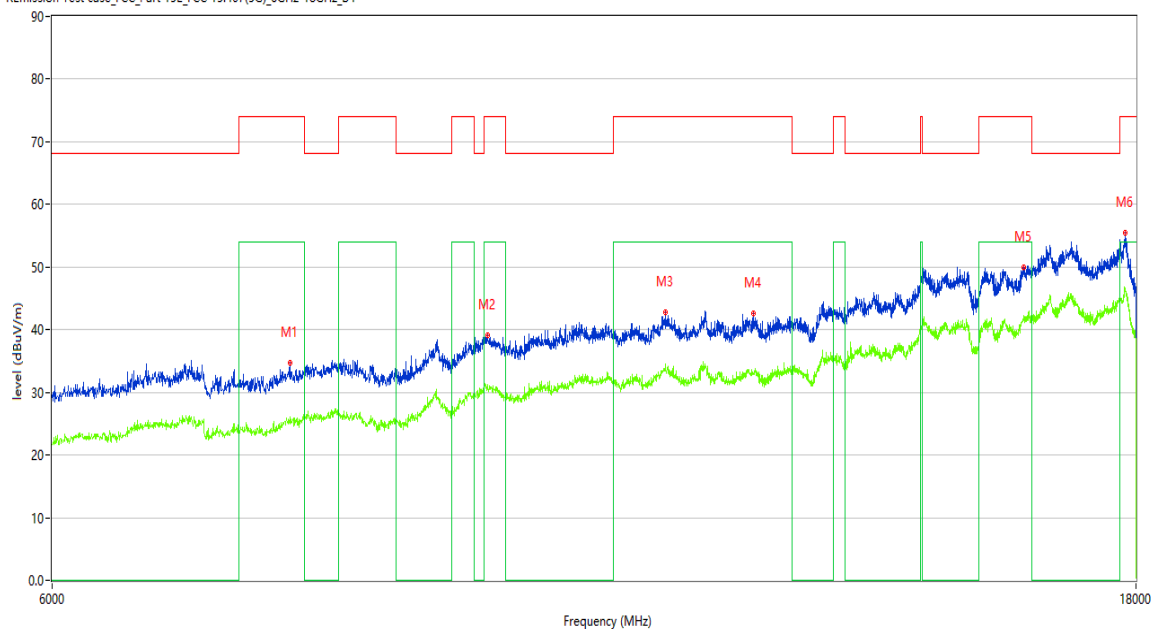
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6GHz-18GHz, Horizontal

R Emission Test case_FCC_Part 15E_FCC 15.407(5G)_6GHz-18GHz_B4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7634.591	34.65	4.40	74.0	-39.35	Peak	293.60	100	Horizontal	Pass
1**	7634.591	26.15	4.40	54.0	-27.85	AV	293.60	100	Horizontal	Pass
2	9326.168	39.17	9.48	74.0	-34.83	Peak	176.40	100	Horizontal	Pass
2**	9326.168	31.24	9.48	54.0	-22.76	AV	176.40	100	Horizontal	Pass
3	11170.707	42.77	10.78	74.0	-31.23	Peak	110.60	100	Horizontal	Pass
3**	11170.707	34.47	10.78	54.0	-19.53	AV	110.60	100	Horizontal	Pass
4	12217.446	42.55	10.92	74.0	-31.45	Peak	280.20	100	Horizontal	Pass
4**	12217.446	33.00	10.92	54.0	-21.00	AV	280.20	100	Horizontal	Pass
5	16059.485	49.94	16.84	74.0	-24.06	Peak	137.00	100	Horizontal	Pass
5**	16059.485	41.73	16.84	54.0	-12.27	AV	137.00	100	Horizontal	Pass
6	17811.047	55.50	20.68	74.0	-18.50	Peak	0.00	100	Horizontal	Pass
6**	17811.047	46.17	20.68	54.0	-7.83	AV	0.00	100	Horizontal	Pass

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6GHz-18GHz, Vertical

R Emission Test case_FCC_Part 15E_FCC 15.407(5G)_6GHz-18GHz_B4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	6893.777	34.37	1.49	68.2	-33.83	Peak	311.20	100	Vertical	Pass
1**	6893.777	25.83	1.49	--	25.83	AV	311.20	100	Vertical	N/A
2	8738.315	36.40	6.42	68.2	-31.80	Peak	257.20	100	Vertical	Pass
2**	8738.315	27.16	6.42	--	27.16	AV	257.20	100	Vertical	N/A
3	10480.880	42.18	10.20	68.2	-26.02	Peak	35.10	100	Vertical	Pass
3**	10480.880	32.03	10.20	--	32.03	AV	35.10	100	Vertical	N/A
4	13057.236	44.24	11.65	68.2	-23.96	Peak	190.60	100	Vertical	Pass
4**	13057.236	34.13	11.65	--	34.13	AV	190.60	100	Vertical	N/A
5	15135.716	50.27	15.51	68.2	-17.93	Peak	75.20	100	Vertical	Pass
5**	15135.716	40.34	15.51	--	40.34	AV	75.20	100	Vertical	N/A
6	17778.055	54.40	21.20	74.0	-19.60	Peak	124.00	100	Vertical	Pass
6**	17778.055	45.20	21.20	54.0	-8.80	AV	124.00	100	Vertical	Pass

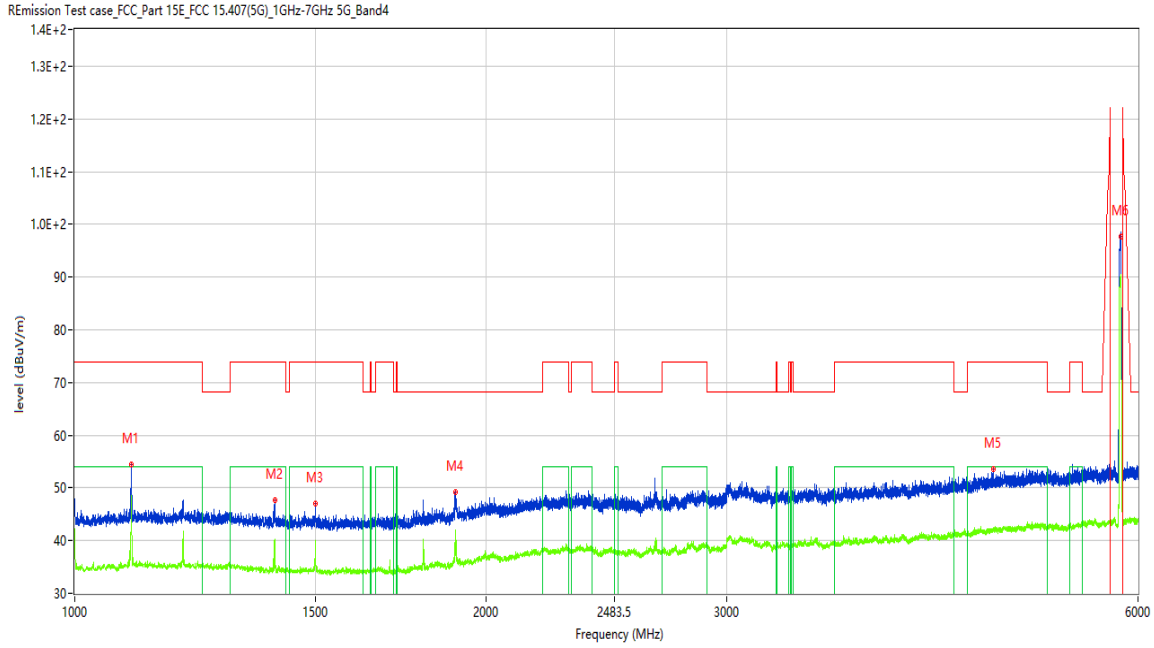
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Figure 118: Spurious Emission, 1GHz – 10th Harmonic, 802.11a, 5825MHz
1GHz-6GHz, Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1099.488	54.41	-6.91	74.0	-19.59	Peak	104.50	100	Horizontal	Pass
1**	1099.488	47.06	-6.91	54.0	-6.94	AV	104.50	100	Horizontal	Pass
2	1400.700	47.59	-8.21	74.0	-26.41	Peak	91.10	100	Horizontal	Pass
2**	1400.700	40.33	-8.21	54.0	-13.67	AV	91.10	100	Horizontal	Pass
3	1499.938	47.12	-8.51	74.0	-26.88	Peak	91.10	100	Horizontal	Pass
3**	1499.938	39.95	-8.51	54.0	-14.05	AV	91.10	100	Horizontal	Pass
4	1900.637	49.32	-7.29	68.2	-18.88	Peak	100.00	100	Horizontal	Pass
4**	1900.637	38.27	-7.29	--	38.27	AV	100.00	100	Horizontal	N/A
5	4702.662	53.69	0.96	74.0	-20.31	Peak	15.20	100	Horizontal	Pass
5**	4702.662	41.69	0.96	54.0	-12.31	AV	15.20	100	Horizontal	Pass
6	5828.271	91.04	2.16	--	90.84	Peak	0.20	100	Horizontal	N/A
6**	5828.271	82.94	2.16	--	82.94	AV	0.20	100	Horizontal	N/A

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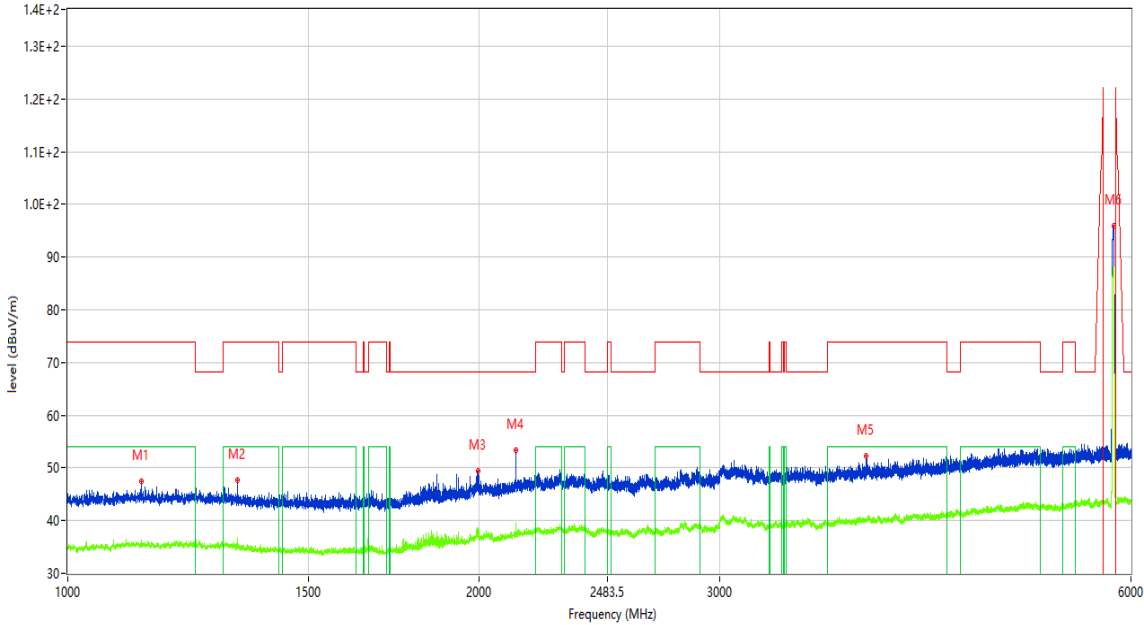
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1GHz-6GHz, Vertical

REmission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz 5G_Band4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1131.484	47.56	-7.02	74.0	-26.44	Peak	0.60	100	Vertical	Pass
1**	1131.484	36.44	-7.02	54.0	-17.56	AV	0.60	100	Vertical	Pass
2	1331.459	47.78	-7.89	74.0	-26.22	Peak	320.10	100	Vertical	Pass
2**	1331.459	36.70	-7.89	54.0	-17.30	AV	320.10	100	Vertical	Pass
3	1997.375	49.36	-6.18	68.2	-18.84	Peak	90.90	100	Vertical	Pass
3**	1997.375	38.51	-6.18	--	38.51	AV	90.90	100	Vertical	N/A
4	2128.859	53.45	-5.16	68.2	-14.75	Peak	144.50	100	Vertical	Pass
4**	2128.859	39.65	-5.16	--	39.65	AV	144.50	100	Vertical	N/A
5	3840.645	52.18	-0.58	74.0	-21.82	Peak	0.00	100	Vertical	Pass
5**	3840.645	40.14	-0.58	54.0	-13.86	AV	0.00	100	Vertical	Pass
6	5830.146	96.01	2.16	--	-185.19	Peak	281.20	100	Vertical	Pass
6**	5830.146	87.98	2.16	--	87.98	AV	281.20	100	Vertical	N/A

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6GHz-18GHz, Horizontal

REmission Test case_FCC_Part 15E_FCC 15.407(5G)_6GHz-18GHz_B4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	6704.824	33.97	1.63	68.2	-34.23	Peak	259.10	100	Horizontal	Pass
1**	6704.824	25.69	1.63	--	25.69	AV	259.10	100	Horizontal	N/A
2	8825.294	37.77	7.17	68.2	-30.43	Peak	40.20	100	Horizontal	Pass
2**	8825.294	28.79	7.17	--	28.79	AV	40.20	100	Horizontal	N/A
3	10573.857	41.26	10.03	68.2	-26.94	Peak	259.10	100	Horizontal	Pass
3**	10573.857	32.17	10.03	--	32.17	AV	259.10	100	Horizontal	N/A
4	13552.112	45.59	14.16	68.2	-22.61	Peak	360.00	100	Horizontal	Pass
4**	13552.112	36.05	14.16	--	36.05	AV	360.00	100	Horizontal	N/A
5	16143.464	50.89	17.57	74.0	-23.11	Peak	0.00	100	Horizontal	Pass
5**	16143.464	42.34	17.57	54.0	-11.66	AV	0.00	100	Horizontal	Pass
6	17808.048	55.08	20.80	74.0	-18.92	Peak	281.80	100	Horizontal	Pass
6**	17808.048	46.90	20.80	54.0	-7.10	AV	281.80	100	Horizontal	Pass

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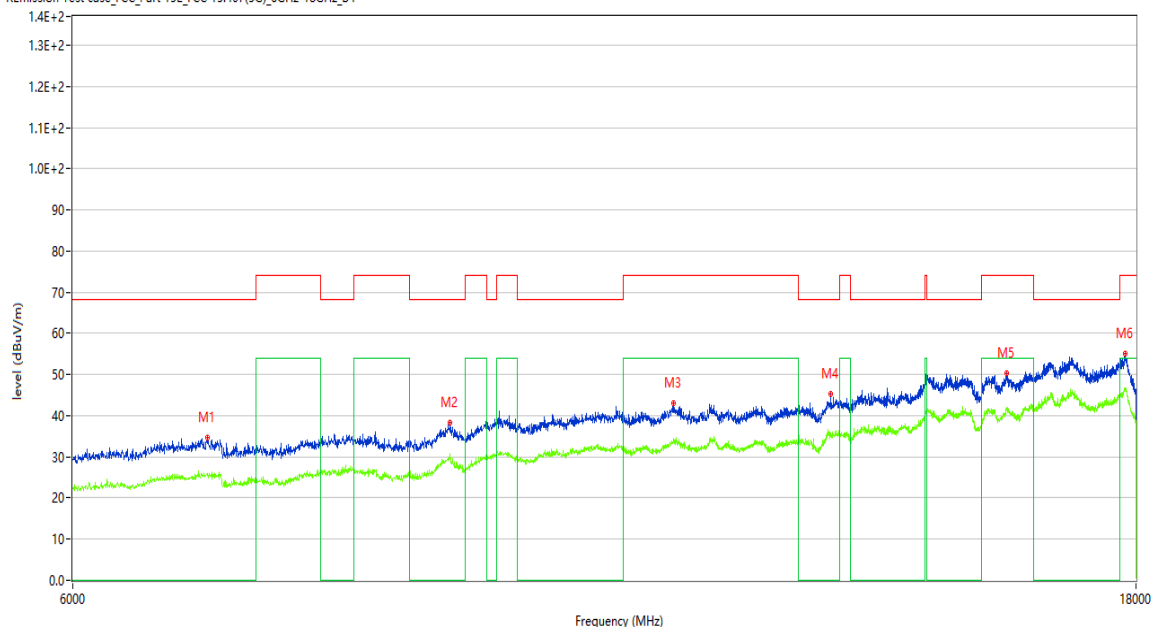
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6GHz-18GHz, Vertical

R Emission Test case_FCC_Part 15E_FCC 15.407(5G)_6GHz-18GHz_B4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	6896.776	34.65	1.46	68.2	-33.55	Peak	2.60	100	Vertical	Pass
1**	6896.776	25.77	1.46	--	25.77	AV	2.60	100	Vertical	N/A
2	8858.285	38.23	7.38	68.2	-29.97	Peak	315.30	100	Vertical	Pass
2**	8858.285	30.80	7.38	--	30.80	AV	315.30	100	Vertical	N/A
3	11164.709	43.02	10.79	74.0	-30.98	Peak	66.00	100	Vertical	Pass
3**	11164.709	34.43	10.79	54.0	-19.57	AV	66.00	100	Vertical	Pass
4	13129.218	45.23	12.34	68.2	-22.97	Peak	146.00	100	Vertical	Pass
4**	13129.218	35.01	12.34	--	35.01	AV	146.00	100	Vertical	N/A
5	15753.562	50.24	15.73	74.0	-23.76	Peak	141.50	100	Vertical	Pass
5**	15753.562	41.69	15.73	54.0	-12.31	AV	141.50	100	Vertical	Pass
6	17799.050	55.03	21.10	74.0	-18.97	Peak	234.50	100	Vertical	Pass
6**	17799.050	46.52	21.10	54.0	-7.48	AV	234.50	100	Vertical	Pass

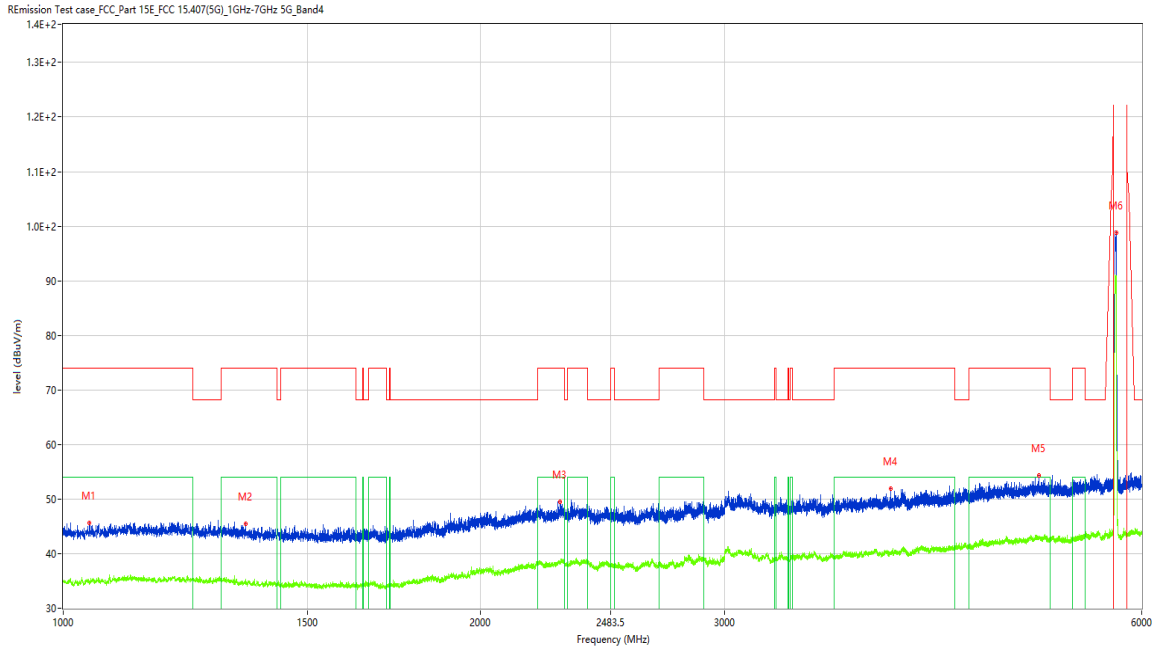
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Figure 119: Spurious Emission, 1GHz – 10th Harmonic, 802.11n(HT20), 5745MHz
1GHz-6GHz, Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1043.995	45.70	-7.20	74.0	-28.30	Peak	208.40	100	Horizontal	Pass
1**	1043.995	34.98	-7.20	54.0	-19.02	AV	208.40	100	Horizontal	Pass
2	1354.456	45.44	-8.03	74.0	-28.56	Peak	304.10	100	Horizontal	Pass
2**	1354.456	34.72	-8.03	54.0	-19.28	AV	304.10	100	Horizontal	Pass
3	2282.590	49.46	-4.05	74.0	-24.54	Peak	110.20	100	Horizontal	Pass
3**	2282.590	38.34	-4.05	54.0	-15.66	AV	110.20	100	Horizontal	Pass
4	3952.381	51.90	-0.24	74.0	-22.10	Peak	72.10	100	Horizontal	Pass
4**	3952.381	40.31	-0.24	54.0	-13.69	AV	72.10	100	Horizontal	Pass
5	5056.993	54.25	1.72	74.0	-19.75	Peak	119.40	100	Horizontal	Pass
5**	5056.993	43.09	1.72	54.0	-10.91	AV	119.40	100	Horizontal	Pass
6	5752.156	98.81	2.16	--	-82.69	Peak	181.50	100	Horizontal	Pass
6**	5752.156	90.97	2.16	--	90.97	AV	181.50	100	Horizontal	N/A

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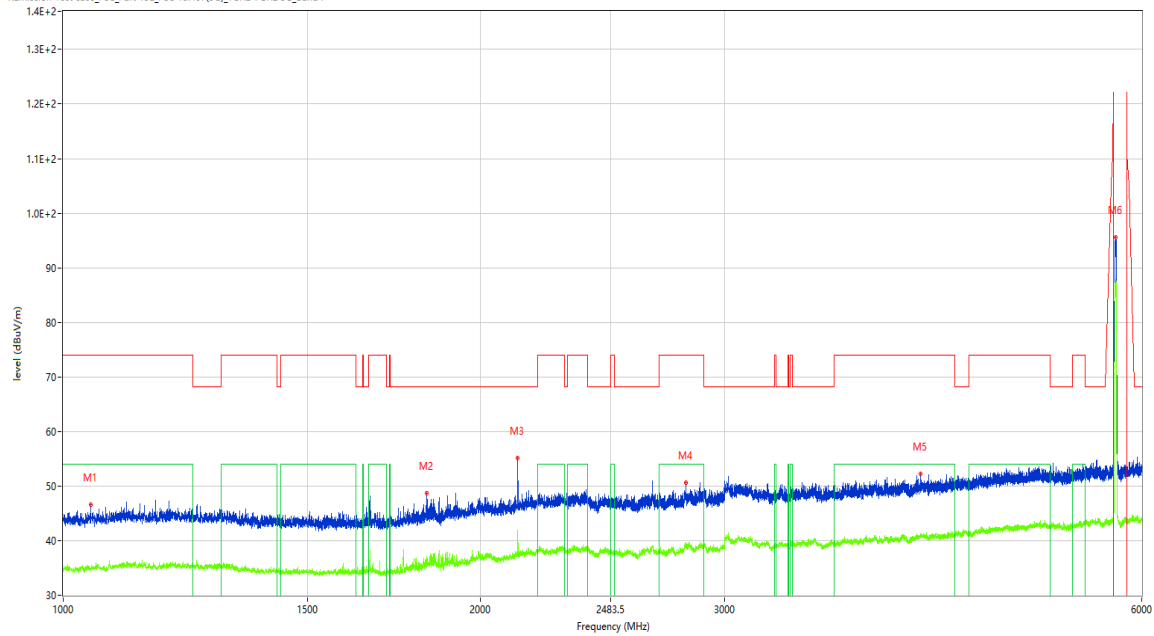
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1GHz-6GHz, Vertical

REmission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz 5G_Band4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1046.244	46.54	-7.20	74.0	-27.46	Peak	72.70	100	Vertical	Pass
1**	1046.244	34.54	-7.20	54.0	-19.46	AV	72.70	100	Vertical	Pass
2	1830.146	48.69	-7.69	68.2	-19.51	Peak	50.00	100	Vertical	Pass
2**	1830.146	37.13	-7.69	--	37.13	AV	50.00	100	Vertical	N/A
3	2128.359	55.07	-5.17	68.2	-13.13	Peak	14.00	100	Vertical	Pass
3**	2128.359	41.97	-5.17	--	41.97	AV	14.00	100	Vertical	N/A
4	2815.023	50.56	-2.38	74.0	-23.44	Peak	113.30	100	Vertical	Pass
4**	2815.023	38.84	-2.38	54.0	-15.16	AV	113.30	100	Vertical	Pass
5	4152.981	52.25	-0.04	74.0	-21.75	Peak	344.80	100	Vertical	Pass
5**	4152.981	41.10	-0.04	54.0	-12.90	AV	344.80	100	Vertical	Pass
6	5748.781	95.64	2.16	--	-156.56	Peak	252.20	100	Vertical	Pass
6**	5748.781	87.48	2.16	--	87.48	AV	252.20	100	Vertical	N/A

TEST REPORT

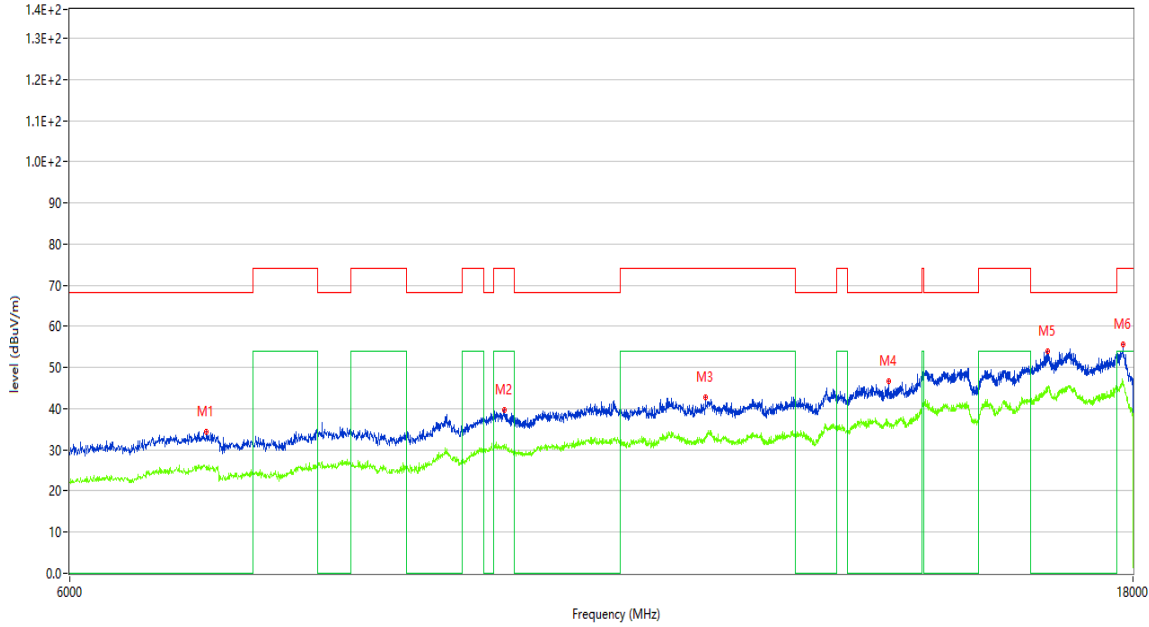
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6GHz-18GHz, Horizontal

REmission Test case_FCC_Part 15E_FCC 15.407(5G)_6GHz-18GHz_B4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	6911.772	34.38	1.36	68.2	-33.82	Peak	295.10	100	Horizontal	Pass
1**	6911.772	26.06	1.36	--	26.06	AV	295.10	100	Horizontal	N/A
2	9398.150	39.65	9.95	74.0	-34.35	Peak	215.20	100	Horizontal	Pass
2**	9398.150	30.87	9.95	54.0	-23.13	AV	215.20	100	Horizontal	Pass
3	11572.607	42.89	11.16	74.0	-31.11	Peak	179.40	100	Horizontal	Pass
3**	11572.607	33.27	11.16	54.0	-20.73	AV	179.40	100	Horizontal	Pass
4	13981.005	46.70	14.33	68.2	-21.50	Peak	242.00	100	Horizontal	Pass
4**	13981.005	36.41	14.33	--	36.41	AV	242.00	100	Horizontal	N/A
5	16488.378	54.05	20.58	68.2	-14.15	Peak	192.80	100	Horizontal	Pass
5**	16488.378	45.07	20.58	--	45.07	AV	192.80	100	Horizontal	N/A
6	17814.046	55.63	20.57	74.0	-18.37	Peak	255.40	100	Horizontal	Pass
6**	17814.046	46.80	20.57	54.0	-7.20	AV	255.40	100	Horizontal	Pass

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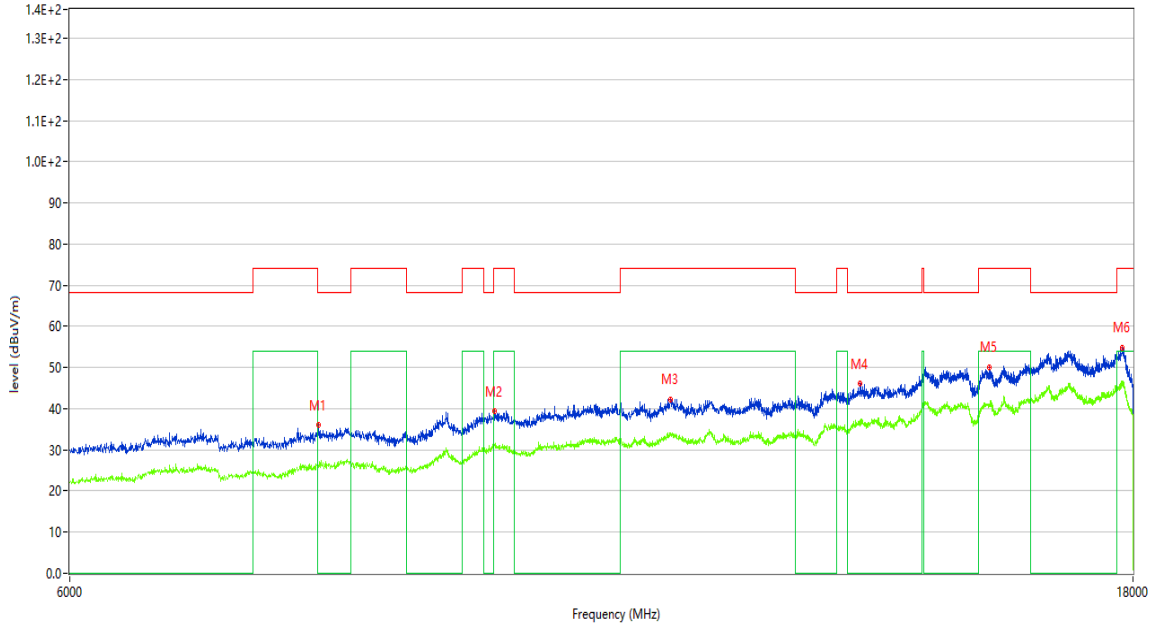
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6GHz-18GHz, Vertical

R Emission Test case_FCC_Part 15E_FCC 15.407(5G)_6GHz-18GHz_B4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7760.560	35.94	4.84	68.2	-32.26	Peak	282.10	100	Vertical	Pass
1**	7760.560	25.73	4.84	--	25.73	AV	282.10	100	Vertical	N/A
2	9302.174	39.31	9.14	74.0	-34.69	Peak	140.40	100	Vertical	Pass
2**	9302.174	31.08	9.14	54.0	-22.92	AV	140.40	100	Vertical	Pass
3	11164.709	42.31	10.79	74.0	-31.69	Peak	345.00	100	Vertical	Pass
3**	11164.709	33.53	10.79	54.0	-20.47	AV	345.00	100	Vertical	Pass
4	13582.104	46.00	14.46	68.2	-22.20	Peak	115.40	100	Vertical	Pass
4**	13582.104	36.47	14.46	--	36.47	AV	115.40	100	Vertical	N/A
5	15519.620	50.02	15.41	74.0	-23.98	Peak	140.40	100	Vertical	Pass
5**	15519.620	41.16	15.41	54.0	-12.84	AV	140.40	100	Vertical	Pass
6	17805.049	54.85	20.91	74.0	-19.15	Peak	349.50	100	Vertical	Pass
6**	17805.049	46.69	20.91	54.0	-7.31	AV	349.50	100	Vertical	Pass

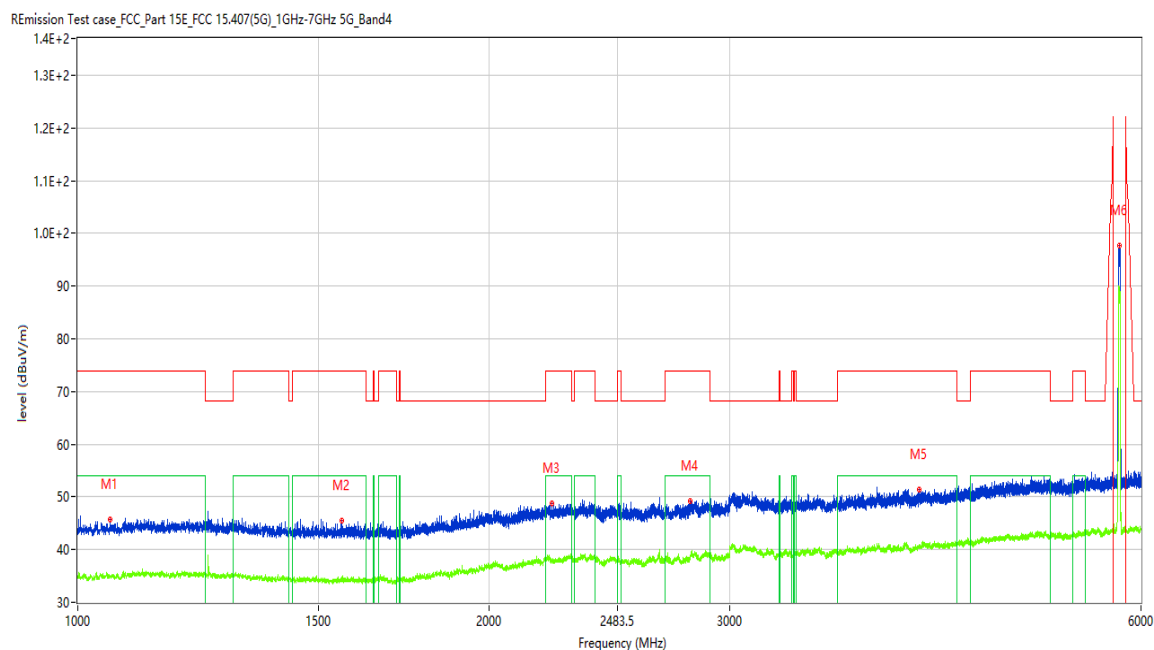
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Figure 120: Spurious Emission, 1GHz – 10th Harmonic, 802.11n(HT20), 5785MHz
1GHz-6GHz, Horizontal



No.	Frequency (MHz)	Results (dBUV/m)	Factor (dB)	Limit (dBUV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1056.243	45.76	-7.15	74.0	-28.24	Peak	130.30	100	Horizontal	Pass
1**	1056.243	34.91	-7.15	54.0	-19.09	AV	130.30	100	Horizontal	Pass
2	1560.930	45.56	-8.70	74.0	-28.44	Peak	211.10	100	Horizontal	Pass
2**	1560.930	34.24	-8.70	54.0	-19.76	AV	211.10	100	Horizontal	Pass
3	2222.847	48.70	-4.67	74.0	-25.30	Peak	238.20	100	Horizontal	Pass
3**	2222.847	38.04	-4.67	54.0	-15.96	AV	238.20	100	Horizontal	Pass
4	2807.024	49.25	-2.50	74.0	-24.75	Peak	211.10	100	Horizontal	Pass
4**	2807.024	38.81	-2.50	54.0	-15.19	AV	211.10	100	Horizontal	Pass
5	4126.359	51.46	-0.04	74.0	-22.54	Peak	1.70	100	Horizontal	Pass
5**	4126.359	40.83	-0.04	54.0	-13.17	AV	1.70	100	Horizontal	Pass
6	5788.901	97.70	2.16	--	-68.90	Peak	166.60	100	Horizontal	Pass
6**	5788.901	89.04	2.16	--	89.04	AV	166.60	100	Horizontal	N/A

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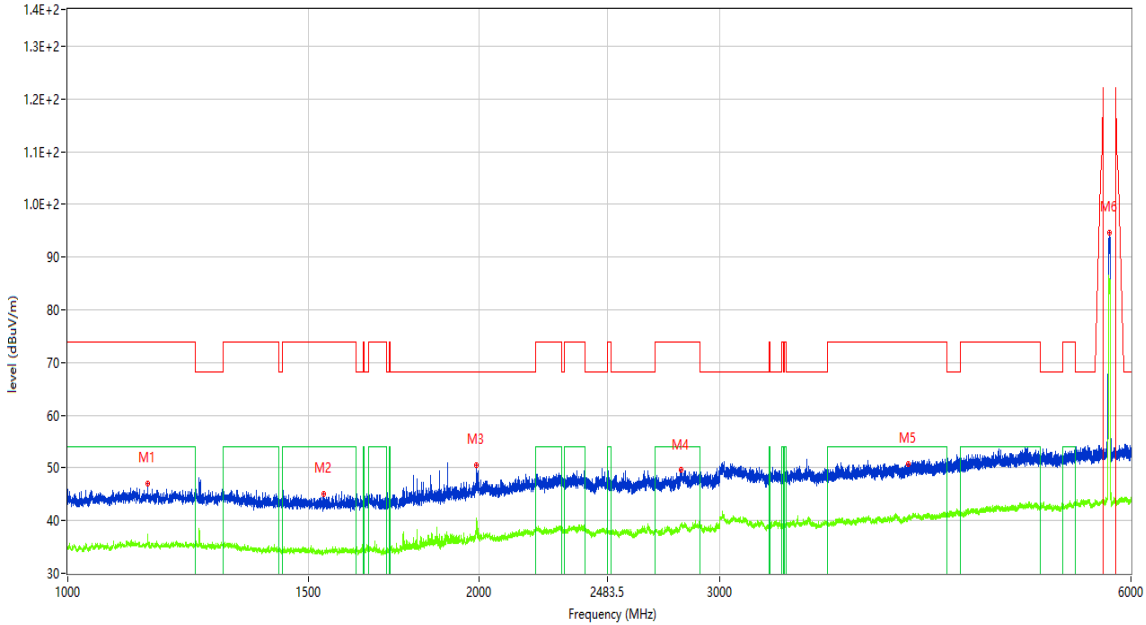
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1GHz-6GHz, Vertical

R Emission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz 5G_Band4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1144.732	47.06	-7.12	74.0	-26.94	Peak	33.60	100	Vertical	Pass
1**	1144.732	35.51	-7.12	54.0	-18.49	AV	33.60	100	Vertical	Pass
2	1538.933	45.09	-8.72	74.0	-28.91	Peak	204.00	100	Vertical	Pass
2**	1538.933	33.88	-8.72	54.0	-20.12	AV	204.00	100	Vertical	Pass
3	1991.876	50.57	-6.13	68.2	-17.63	Peak	83.10	100	Vertical	Pass
3**	1991.876	40.50	-6.13	--	40.50	AV	83.10	100	Vertical	N/A
4	2810.274	49.56	-2.34	74.0	-24.44	Peak	352.10	100	Vertical	Pass
4**	2810.274	39.39	-2.34	54.0	-14.61	AV	352.10	100	Vertical	Pass
5	4124.859	50.69	-0.04	74.0	-23.31	Peak	79.20	100	Vertical	Pass
5**	4124.859	40.65	-0.04	54.0	-13.35	AV	79.20	100	Vertical	Pass
6	5789.276	94.60	2.16	--	-177.30	Peak	271.90	100	Vertical	Pass
6**	5789.276	85.70	2.16	--	85.70	AV	271.90	100	Vertical	N/A

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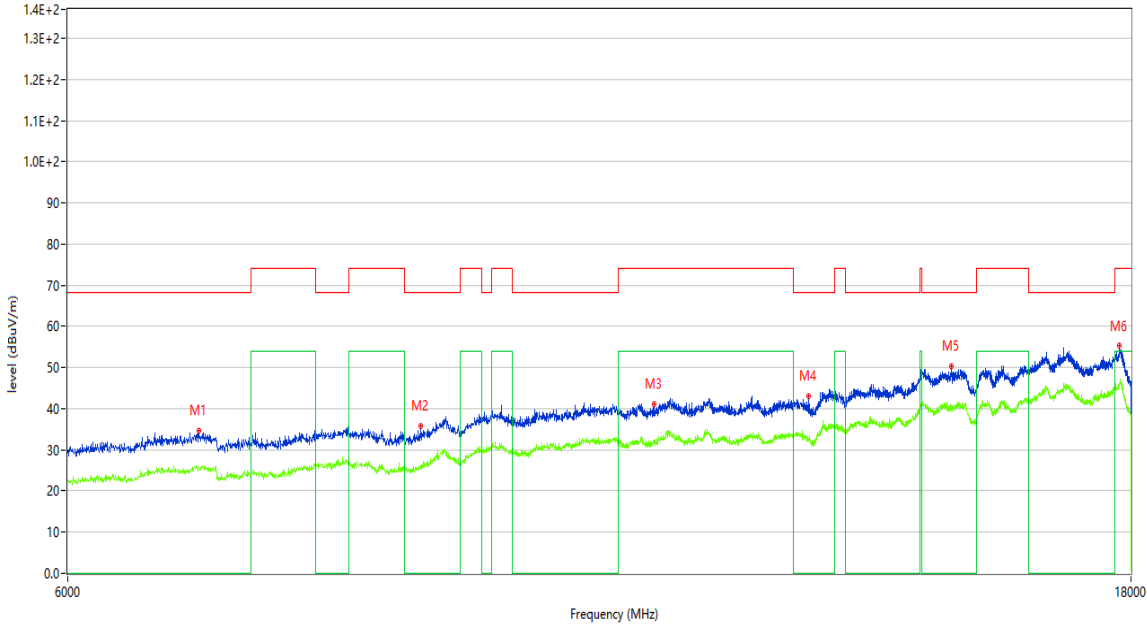
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6GHz-18GHz, Horizontal

R Emission Test case_FCC_Part 15E_FCC 15.407(5G)_6GHz-18GHz_B4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	6869.783	34.76	1.67	68.2	-33.44	Peak	195.30	100	Horizontal	Pass
1**	6869.783	26.02	1.67	--	26.02	AV	195.30	100	Horizontal	N/A
2	8636.341	35.89	5.28	68.2	-32.31	Peak	71.00	100	Horizontal	Pass
2**	8636.341	26.09	5.28	--	26.09	AV	71.00	100	Horizontal	N/A
3	10996.751	41.10	10.71	74.0	-32.90	Peak	173.00	100	Horizontal	Pass
3**	10996.751	32.29	10.71	54.0	-21.71	AV	173.00	100	Horizontal	Pass
4	12904.274	42.98	11.03	68.2	-25.22	Peak	195.30	100	Horizontal	Pass
4**	12904.274	32.82	11.03	--	32.82	AV	195.30	100	Horizontal	N/A
5	14949.763	50.33	17.13	68.2	-17.87	Peak	44.20	100	Horizontal	Pass
5**	14949.763	40.60	17.13	--	40.60	AV	44.20	100	Horizontal	N/A
6	17787.053	55.23	21.16	74.0	-18.77	Peak	275.70	100	Horizontal	Pass
6**	17787.053	45.56	21.16	54.0	-8.44	AV	275.70	100	Horizontal	Pass

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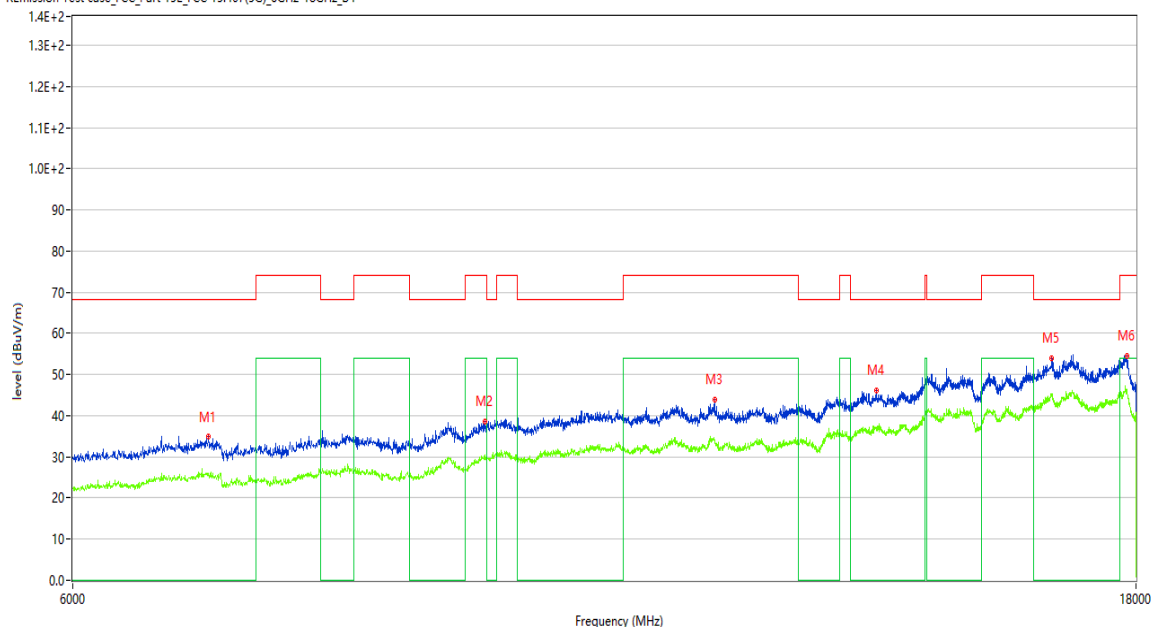
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6GHz-18GHz, Vertical

R Emission Test case_FCC_Part 15E_FCC 15.407(5G)_6GHz-18GHz_B4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	6902.774	34.82	1.42	68.2	-33.38	Peak	236.30	100	Vertical	Pass
1**	6902.774	25.88	1.42	--	25.88	AV	236.30	100	Vertical	N/A
2	9188.203	38.48	8.34	74.0	-35.52	Peak	359.70	100	Vertical	Pass
2**	9188.203	30.42	8.34	54.0	-23.58	AV	359.70	100	Vertical	Pass
3	11644.589	43.82	10.88	74.0	-30.18	Peak	346.70	100	Vertical	Pass
3**	11644.589	33.86	10.88	54.0	-20.14	AV	346.70	100	Vertical	Pass
4	13765.059	46.16	13.58	68.2	-22.04	Peak	132.80	100	Vertical	Pass
4**	13765.059	37.13	13.58	--	37.13	AV	132.80	100	Vertical	N/A
5	16494.376	54.10	20.71	68.2	-14.10	Peak	4.90	100	Vertical	Pass
5**	16494.376	45.37	20.71	--	45.37	AV	4.90	100	Vertical	N/A
6	17826.043	54.49	20.12	74.0	-19.51	Peak	26.50	100	Vertical	Pass
6**	17826.043	46.32	20.12	54.0	-7.68	AV	26.50	100	Vertical	Pass

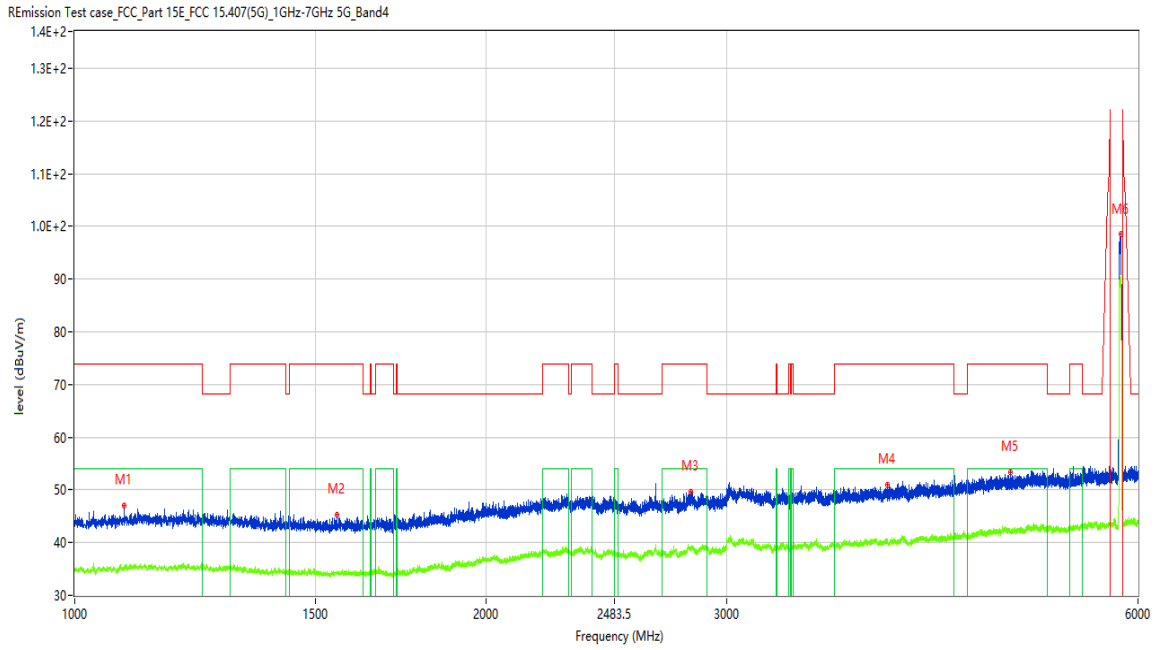
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Figure 121: Spurious Emission, 1GHz – 10th Harmonic, 802.11n(HT20), 5825MHz
1GHz-7GHz, Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1086.989	47.00	-6.96	74.0	-27.00	Peak	95.60	100	Horizontal	Pass
1**	1086.989	34.91	-6.96	54.0	-19.09	AV	95.60	100	Horizontal	Pass
2	1555.931	45.30	-8.69	74.0	-28.70	Peak	226.50	100	Horizontal	Pass
2**	1555.931	34.30	-8.69	54.0	-19.70	AV	226.50	100	Horizontal	Pass
3	2823.772	49.74	-2.29	74.0	-24.26	Peak	68.80	100	Horizontal	Pass
3**	2823.772	39.00	-2.29	54.0	-15.00	AV	68.80	100	Horizontal	Pass
4	3931.009	50.96	-0.28	74.0	-23.04	Peak	37.10	100	Horizontal	Pass
4**	3931.009	40.47	-0.28	54.0	-13.53	AV	37.10	100	Horizontal	Pass
5	4837.645	53.27	1.14	74.0	-20.73	Peak	32.60	100	Horizontal	Pass
5**	4837.645	41.60	1.14	54.0	-12.40	AV	32.60	100	Horizontal	Pass
6	5830.896	98.47	2.16	--	-77.03	Peak	175.50	100	Horizontal	Pass
6**	5830.896	90.24	2.16	--	90.24	AV	175.50	100	Horizontal	N/A

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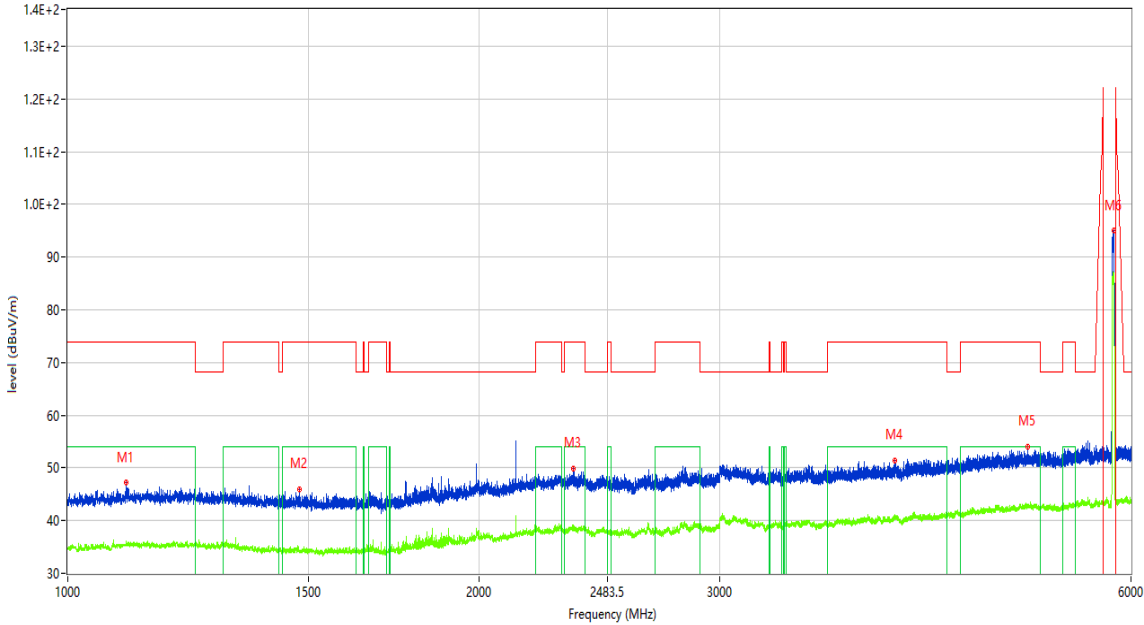
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1GHz-7GHz, Vertical

R Emission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz 5G_Band4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1103.237	47.16	-6.89	74.0	-26.84	Peak	324.60	100	Vertical	Pass
1**	1103.237	35.26	-6.89	54.0	-18.74	AV	324.60	100	Vertical	Pass
2	1478.690	46.01	-8.50	74.0	-27.99	Peak	59.30	100	Vertical	Pass
2**	1478.690	34.24	-8.50	54.0	-19.76	AV	59.30	100	Vertical	Pass
3	2344.582	49.79	-4.15	74.0	-24.21	Peak	342.80	100	Vertical	Pass
3**	2344.582	38.12	-4.15	54.0	-15.88	AV	342.80	100	Vertical	Pass
4	4032.996	51.33	-0.11	74.0	-22.67	Peak	6.30	100	Vertical	Pass
4**	4032.996	40.82	-0.11	54.0	-13.18	AV	6.30	100	Vertical	Pass
5	5038.995	53.94	1.70	74.0	-20.06	Peak	146.00	100	Vertical	Pass
5**	5038.995	42.83	1.70	54.0	-11.17	AV	146.00	100	Vertical	Pass
6	5827.522	94.98	2.16	--	-12.72	Peak	107.70	100	Vertical	Pass
6**	5827.522	86.41	2.16	--	86.41	AV	107.70	100	Vertical	N/A

TEST REPORT

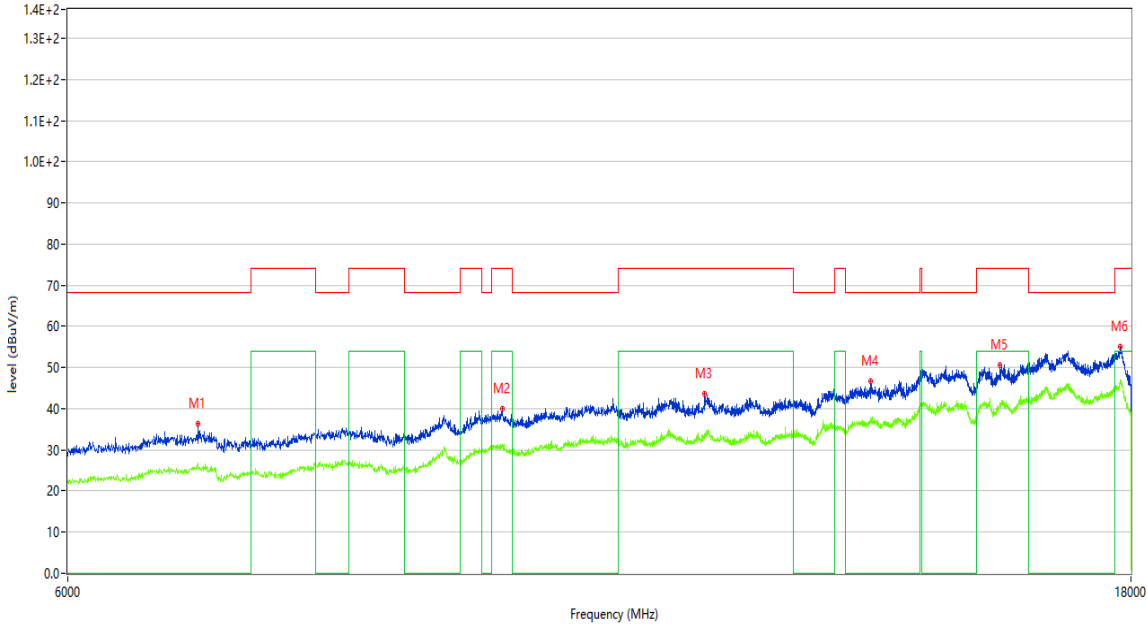
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6GHz-18GHz, Horizontal

R Emission Test case_FCC_Part 15E_FCC 15.407(5G)_6GHz-18GHz_B4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	6866.783	36.32	1.69	68.2	-31.88	Peak	214.40	100	Horizontal	Pass
1**	6866.783	26.95	1.69	--	26.95	AV	214.40	100	Horizontal	N/A
2	9398.150	40.10	9.95	74.0	-33.90	Peak	196.50	100	Horizontal	Pass
2**	9398.150	30.66	9.95	54.0	-23.34	AV	196.50	100	Horizontal	Pass
3	11587.603	43.59	11.39	74.0	-30.41	Peak	322.30	100	Horizontal	Pass
3**	11587.603	33.82	11.39	54.0	-20.18	AV	322.30	100	Horizontal	Pass
4	13747.063	46.62	13.63	68.2	-21.58	Peak	80.40	100	Horizontal	Pass
4**	13747.063	37.81	13.63	--	37.81	AV	80.40	100	Horizontal	N/A
5	15720.570	50.52	15.23	74.0	-23.48	Peak	187.60	100	Horizontal	Pass
5**	15720.570	40.73	15.23	54.0	-13.27	AV	187.60	100	Horizontal	Pass
6	17796.051	55.07	21.12	74.0	-18.93	Peak	308.90	100	Horizontal	Pass
6**	17796.051	47.06	21.12	54.0	-6.94	AV	308.90	100	Horizontal	Pass

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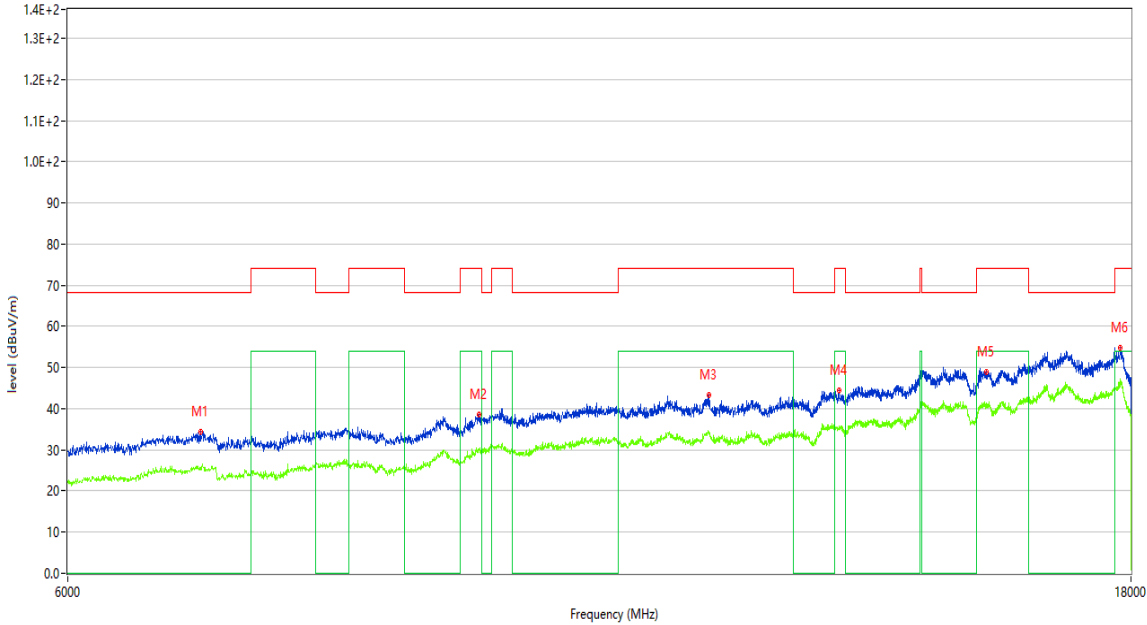
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6GHz-18GHz, Vertical

REmission Test case_FCC_Part 15E_FCC 15.407(5G)_6GHz-18GHz_B4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	6881.780	34.51	1.58	68.2	-33.69	Peak	177.60	100	Vertical	Pass
1**	6881.780	25.25	1.58	--	25.25	AV	177.60	100	Vertical	N/A
2	9173.207	38.68	8.17	74.0	-35.32	Peak	177.60	100	Vertical	Pass
2**	9173.207	30.31	8.17	54.0	-23.69	AV	177.60	100	Vertical	Pass
3	11638.590	43.44	10.97	74.0	-30.56	Peak	12.70	100	Vertical	Pass
3**	11638.590	34.24	10.97	54.0	-19.76	AV	12.70	100	Vertical	Pass
4	13312.172	44.41	12.70	74.0	-29.59	Peak	306.70	100	Vertical	Pass
4**	13312.172	35.88	12.70	54.0	-18.12	AV	306.70	100	Vertical	Pass
5	15495.626	48.92	15.31	74.0	-25.08	Peak	160.10	100	Vertical	Pass
5**	15495.626	41.25	15.31	54.0	-12.75	AV	160.10	100	Vertical	Pass
6	17796.051	54.82	21.12	74.0	-19.18	Peak	315.60	100	Vertical	Pass
6**	17796.051	46.48	21.12	54.0	-7.52	AV	315.60	100	Vertical	Pass

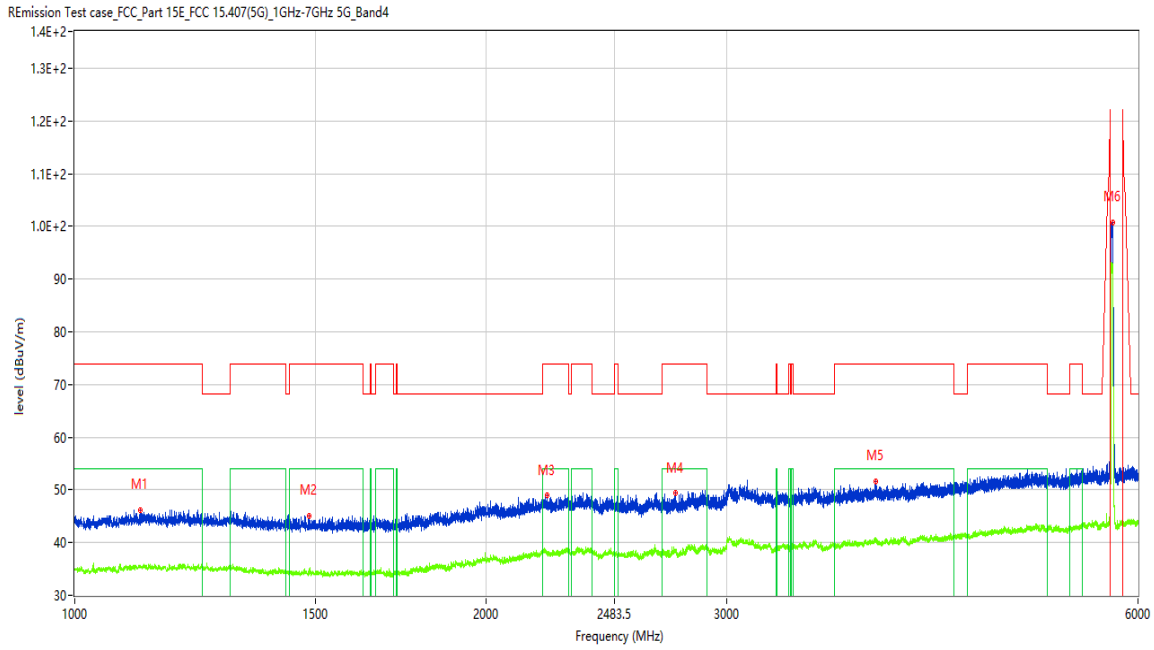
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Figure 122: Spurious Emission, 1GHz – 10th Harmonic, 802.11ac(VHT20), 5745MHz
1GHz-6GHz, Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1116.235	46.20	-6.91	74.0	-27.80	Peak	17.50	100	Horizontal	Pass
1**	1116.235	35.53	-6.91	54.0	-18.47	AV	17.50	100	Horizontal	Pass
2	1484.689	45.02	-8.50	74.0	-28.98	Peak	170.90	100	Horizontal	Pass
2**	1484.689	34.48	-8.50	54.0	-19.52	AV	170.90	100	Horizontal	Pass
3	2216.098	48.90	-4.54	74.0	-25.10	Peak	234.10	100	Horizontal	Pass
3**	2216.098	37.92	-4.54	54.0	-16.08	AV	234.10	100	Horizontal	Pass
4	2751.031	49.34	-3.38	74.0	-24.66	Peak	121.60	100	Horizontal	Pass
4**	2751.031	38.33	-3.38	54.0	-15.67	AV	121.60	100	Horizontal	Pass
5	3854.143	51.68	-0.52	74.0	-22.32	Peak	0.00	100	Horizontal	Pass
5**	3854.143	40.93	-0.52	54.0	-13.07	AV	0.00	100	Horizontal	Pass
6	5752.531	100.75	2.16	--	-60.65	Peak	161.40	100	Horizontal	Pass
6**	5752.531	92.80	2.16	--	92.80	AV	161.40	100	Horizontal	N/A

TEST REPORT

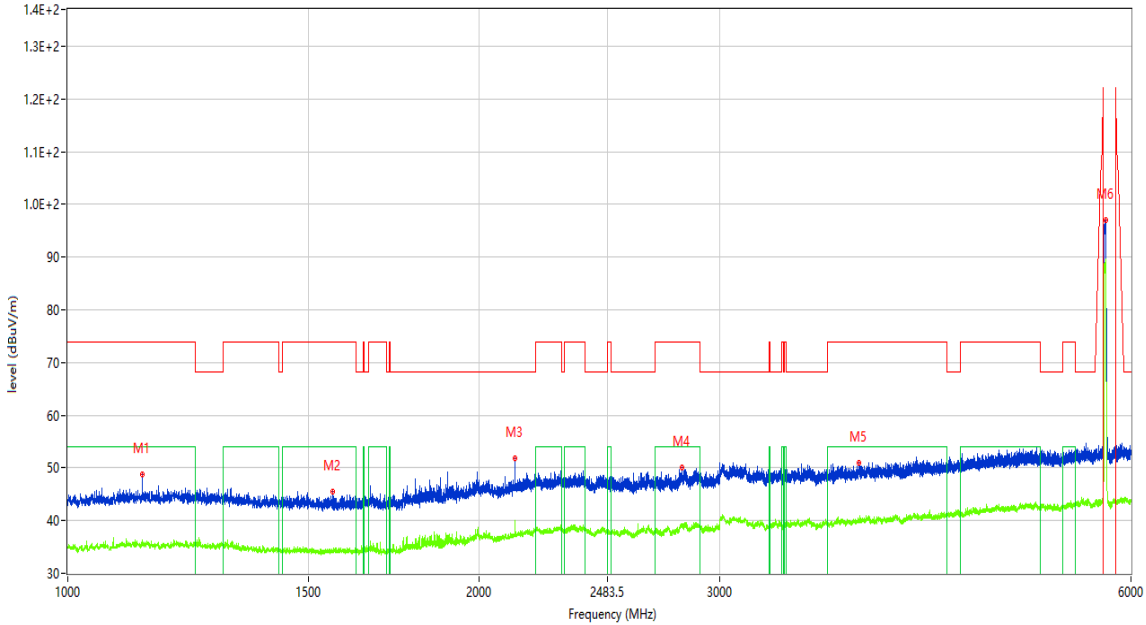
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1GHz-6GHz, Vertical

REmission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz 5G_Band4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1133.483	48.81	-7.04	74.0	-25.19	Peak	3.00	100	Vertical	Pass
1**	1133.483	36.23	-7.04	54.0	-17.77	AV	3.00	100	Vertical	Pass
2	1561.680	45.47	-8.69	74.0	-28.53	Peak	0.10	100	Vertical	Pass
2**	1561.680	34.25	-8.69	54.0	-19.75	AV	0.10	100	Vertical	Pass
3	2124.359	51.86	-5.22	68.2	-16.34	Peak	3.00	100	Vertical	Pass
3**	2124.359	40.08	-5.22	--	40.08	AV	3.00	100	Vertical	N/A
4	2814.523	50.04	-2.37	74.0	-23.96	Peak	325.70	100	Vertical	Pass
4**	2814.523	39.33	-2.37	54.0	-14.67	AV	325.70	100	Vertical	Pass
5	3793.401	50.96	-0.74	74.0	-23.04	Peak	30.80	100	Vertical	Pass
5**	3793.401	40.04	-0.74	54.0	-13.96	AV	30.80	100	Vertical	Pass
6	5752.156	96.94	2.16	--	-155.26	Peak	252.20	100	Vertical	Pass
6**	5752.156	89.23	2.16	--	89.23	AV	252.20	100	Vertical	N/A

TEST REPORT

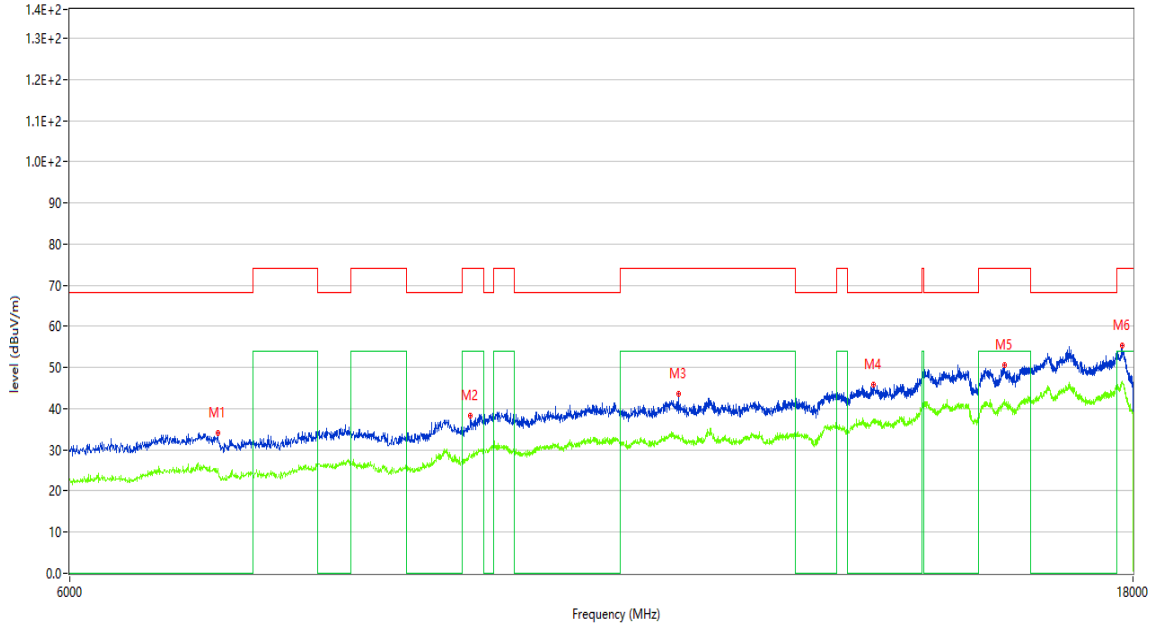
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6GHz-18GHz, Horizontal

R Emission Test case_FCC_Part 15E_FCC 15.407(5G)_6GHz-18GHz_B4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	6989.753	34.05	1.40	68.2	-34.15	Peak	119.10	100	Horizontal	Pass
1**	6989.753	25.47	1.40	--	25.47	AV	119.10	100	Horizontal	N/A
2	9077.231	38.34	6.75	74.0	-35.66	Peak	234.00	100	Horizontal	Pass
2**	9077.231	28.31	6.75	54.0	-25.69	AV	234.00	100	Horizontal	Pass
3	11251.687	43.53	10.63	74.0	-30.47	Peak	327.50	100	Horizontal	Pass
3**	11251.687	33.66	10.63	54.0	-20.34	AV	327.50	100	Horizontal	Pass
4	13771.057	45.90	13.56	68.2	-22.30	Peak	282.80	100	Horizontal	Pass
4**	13771.057	37.41	13.56	--	37.41	AV	282.80	100	Horizontal	N/A
5	15759.560	50.55	15.69	74.0	-23.45	Peak	269.80	100	Horizontal	Pass
5**	15759.560	42.09	15.69	54.0	-11.91	AV	269.80	100	Horizontal	Pass
6	17793.052	55.28	21.13	74.0	-18.72	Peak	172.70	100	Horizontal	Pass
6**	17793.052	46.07	21.13	54.0	-7.93	AV	172.70	100	Horizontal	Pass

TEST REPORT

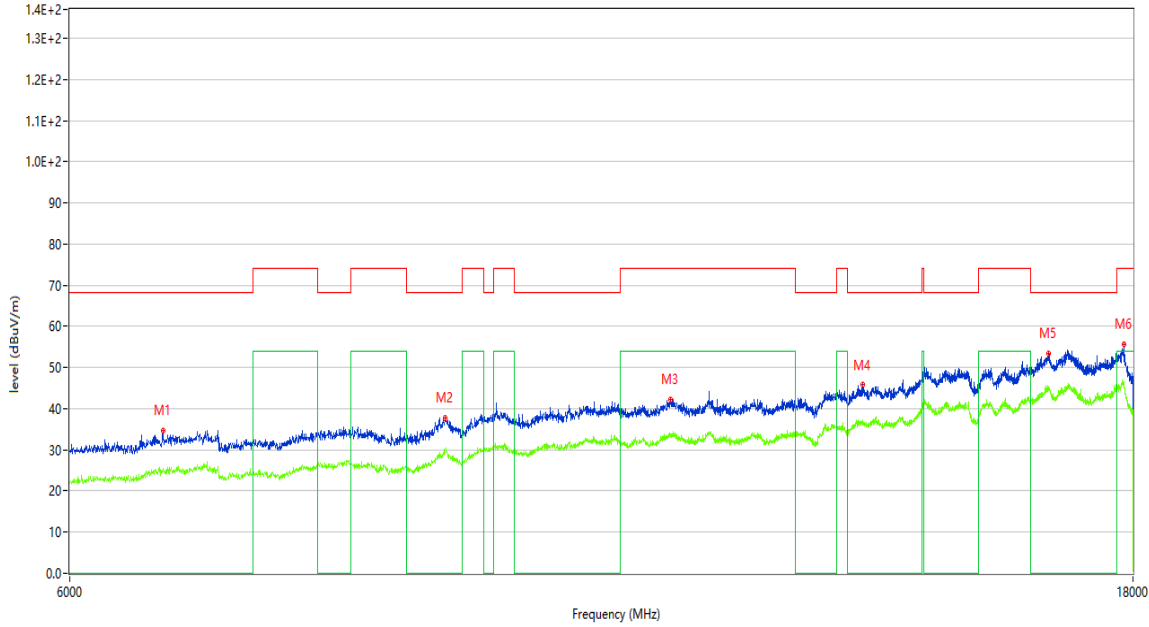
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6GHz-18GHz, Vertical

REmission Test case_FCC_Part 15E_FCC 15.407(5G)_6GHz-18GHz_B4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	6605.849	34.76	0.92	68.2	-33.44	Peak	67.00	100	Vertical	Pass
1**	6605.849	25.43	0.92	--	25.43	AV	67.00	100	Vertical	N/A
2	8846.288	37.85	7.50	68.2	-30.35	Peak	2.10	100	Vertical	Pass
2**	8846.288	29.55	7.50	--	29.55	AV	2.10	100	Vertical	N/A
3	11158.710	42.16	10.81	74.0	-31.84	Peak	215.50	100	Vertical	Pass
3**	11158.710	33.41	10.81	54.0	-20.59	AV	215.50	100	Vertical	Pass
4	13609.098	45.72	14.51	68.2	-22.48	Peak	269.40	100	Vertical	Pass
4**	13609.098	37.31	14.51	--	37.31	AV	269.40	100	Vertical	N/A
5	16497.376	53.52	20.77	68.2	-14.68	Peak	356.80	100	Vertical	Pass
5**	16497.376	44.70	20.77	--	44.70	AV	356.80	100	Vertical	N/A
6	17832.042	55.62	19.89	74.0	-18.38	Peak	247.10	100	Vertical	Pass
6**	17832.042	46.00	19.89	54.0	-8.00	AV	247.10	100	Vertical	Pass

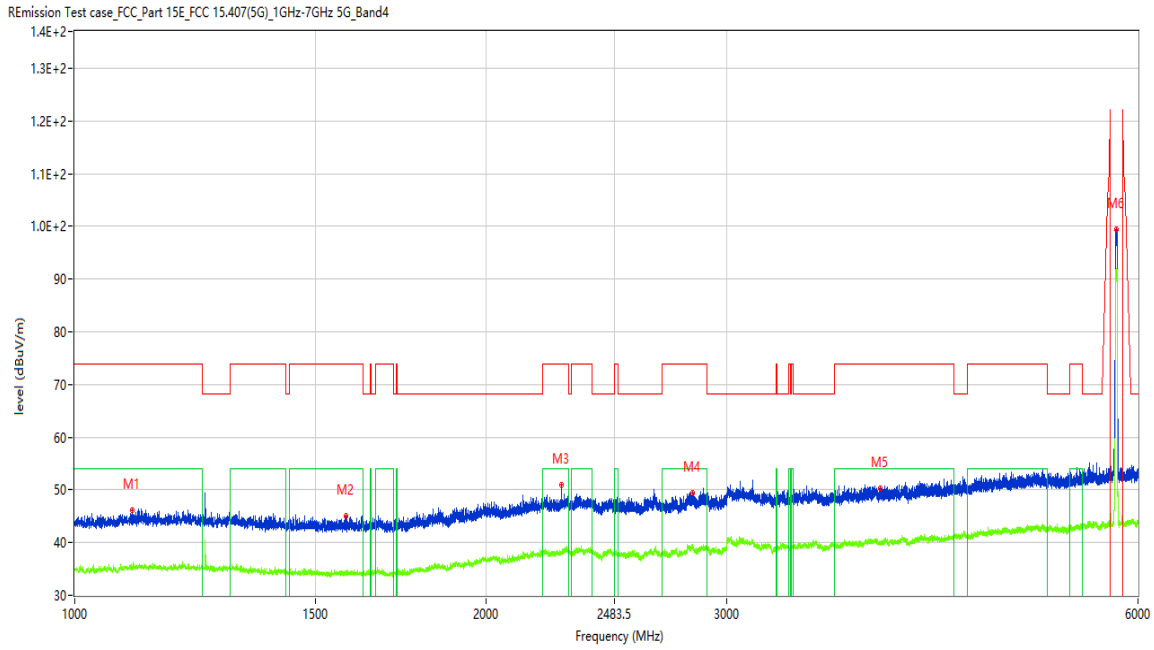
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Figure 123: Spurious Emission, 1GHz – 10th Harmonic, 802.11ac(VHT20), 5785MHz
1GHz-6GHz, Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1101.737	46.09	-6.90	74.0	-27.91	Peak	360.00	100	Horizontal	Pass
1**	1101.737	35.14	-6.90	54.0	-18.86	AV	360.00	100	Horizontal	Pass
2	1578.178	44.96	-8.70	74.0	-29.04	Peak	292.90	100	Horizontal	Pass
2**	1578.178	34.02	-8.70	54.0	-19.98	AV	292.90	100	Horizontal	Pass
3	2272.341	50.96	-4.01	74.0	-23.04	Peak	30.20	100	Horizontal	Pass
3**	2272.341	38.37	-4.01	54.0	-15.63	AV	30.20	100	Horizontal	Pass
4	2833.271	49.37	-2.13	74.0	-24.63	Peak	149.70	100	Horizontal	Pass
4**	2833.271	38.90	-2.13	54.0	-15.10	AV	149.70	100	Horizontal	Pass
5	3889.014	50.28	-0.38	74.0	-23.72	Peak	0.00	100	Horizontal	Pass
5**	3889.014	39.85	-0.38	54.0	-14.15	AV	0.00	100	Horizontal	Pass
6	5788.901	99.52	2.16	--	-59.58	Peak	159.10	100	Horizontal	Pass
6**	5788.901	91.49	2.16	--	91.49	AV	159.10	100	Horizontal	N/A

TEST REPORT

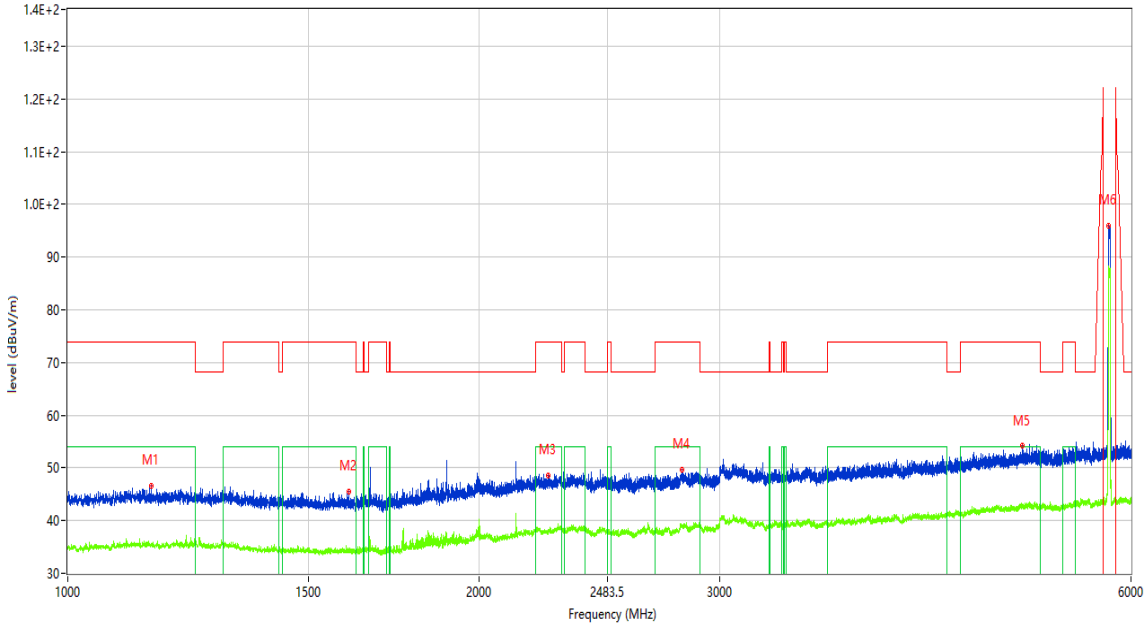
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1GHz-6GHz, Vertical

REmission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz 5G_Band4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1150.731	46.54	-7.15	74.0	-27.46	Peak	217.40	100	Vertical	Pass
1**	1150.731	35.56	-7.15	54.0	-18.44	AV	217.40	100	Vertical	Pass
2	1606.424	45.40	-8.74	74.0	-28.60	Peak	0.00	100	Vertical	Pass
2**	1606.424	33.92	-8.74	54.0	-20.08	AV	0.00	100	Vertical	Pass
3	2247.344	48.54	-4.21	74.0	-25.46	Peak	343.60	100	Vertical	Pass
3**	2247.344	38.02	-4.21	54.0	-15.98	AV	343.60	100	Vertical	Pass
4	2815.023	49.65	-2.38	74.0	-24.35	Peak	258.00	100	Vertical	Pass
4**	2815.023	39.18	-2.38	54.0	-14.82	AV	258.00	100	Vertical	Pass
5	4994.376	54.15	1.64	74.0	-19.85	Peak	219.80	100	Vertical	Pass
5**	4994.376	42.76	1.64	54.0	-11.24	AV	219.80	100	Vertical	Pass
6	5777.278	95.91	2.16	--	-175.59	Peak	271.50	100	Vertical	Pass
6**	5777.278	88.24	2.16	--	88.24	AV	271.50	100	Vertical	N/A

TEST REPORT

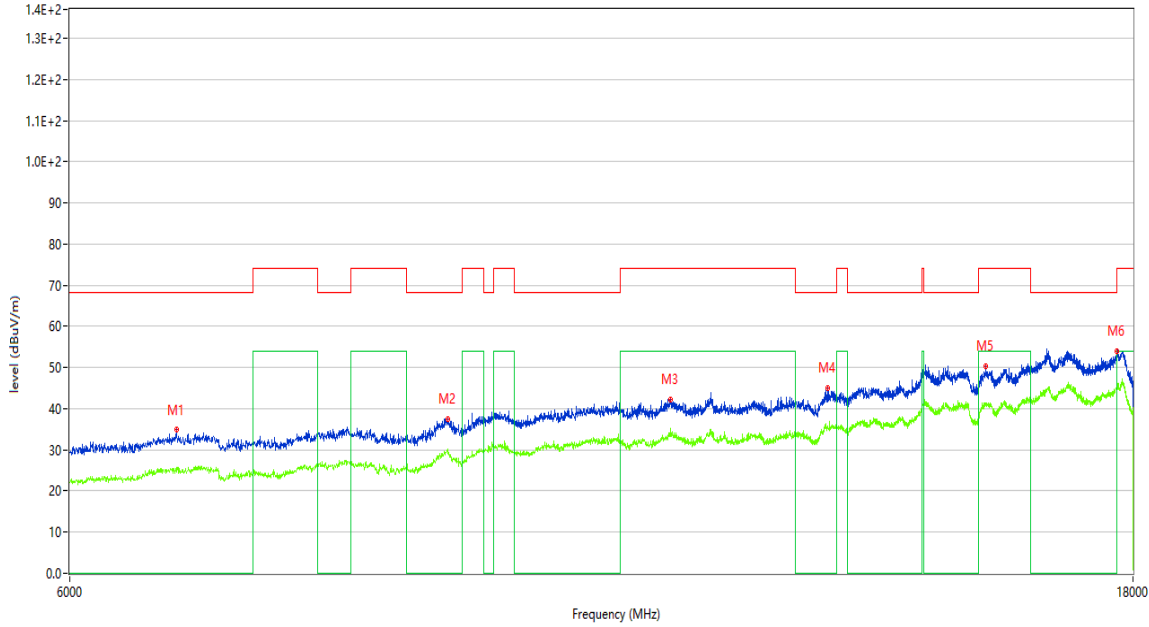
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6GHz-18GHz, Horizontal

REmission Test case_FCC_Part 15E_FCC 15.407(5G)_6GHz-18GHz_B4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	6698.825	34.83	1.66	68.2	-33.37	Peak	78.20	100	Horizontal	Pass
1**	6698.825	25.61	1.66	--	25.61	AV	78.20	100	Horizontal	N/A
2	8864.284	37.57	7.25	68.2	-30.63	Peak	11.60	100	Horizontal	Pass
2**	8864.284	30.08	7.25	--	30.08	AV	11.60	100	Horizontal	N/A
3	11164.709	42.17	10.79	74.0	-31.83	Peak	0.00	100	Horizontal	Pass
3**	11164.709	35.22	10.79	54.0	-18.78	AV	0.00	100	Horizontal	Pass
4	13126.218	45.01	12.38	68.2	-23.19	Peak	313.70	100	Horizontal	Pass
4**	13126.218	35.25	12.38	--	35.25	AV	313.70	100	Horizontal	N/A
5	15462.634	50.30	15.29	74.0	-23.70	Peak	73.70	100	Horizontal	Pass
5**	15462.634	41.35	15.29	54.0	-12.65	AV	73.70	100	Horizontal	Pass
6	17718.070	54.34	21.95	74.0	-19.66	Peak	60.70	100	Horizontal	Pass
6**	17718.070	45.12	21.95	54.0	-8.88	AV	60.70	100	Horizontal	Pass

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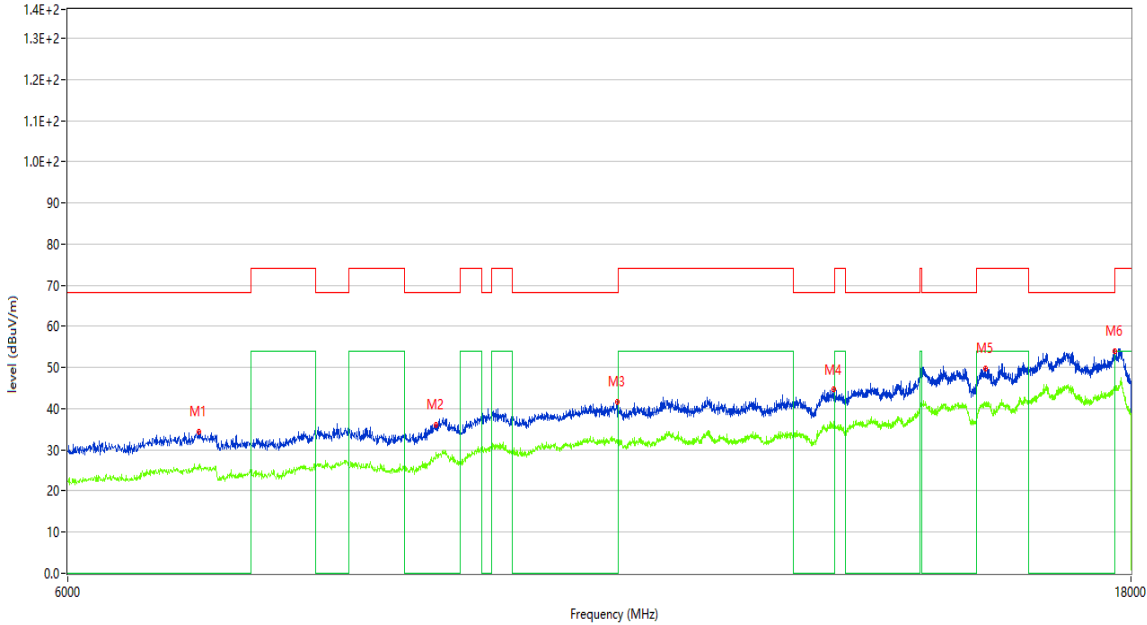
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6GHz-18GHz, Vertical

REmission Test case_FCC_Part 15E_FCC 15.407(5G)_6GHz-18GHz_B4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	6869.783	34.38	1.67	68.2	-33.82	Peak	325.70	100	Vertical	Pass
1**	6869.783	26.22	1.67	--	26.22	AV	325.70	100	Vertical	N/A
2	8780.305	36.20	6.68	68.2	-32.00	Peak	360.00	100	Vertical	Pass
2**	8780.305	28.18	6.68	--	28.18	AV	360.00	100	Vertical	N/A
3	10582.854	41.74	10.08	68.2	-26.46	Peak	298.90	100	Vertical	Pass
3**	10582.854	32.03	10.08	--	32.03	AV	298.90	100	Vertical	N/A
4	13243.189	44.62	12.33	68.2	-23.58	Peak	183.10	100	Vertical	Pass
4**	13243.189	35.32	12.33	--	35.32	AV	183.10	100	Vertical	N/A
5	15483.629	49.72	15.30	74.0	-24.28	Peak	89.30	100	Vertical	Pass
5**	15483.629	40.57	15.30	54.0	-13.43	AV	89.30	100	Vertical	Pass
6	17772.057	54.54	21.23	74.0	-19.46	Peak	312.30	100	Vertical	Pass
6**	17772.057	45.46	21.23	54.0	-8.54	AV	312.30	100	Vertical	Pass

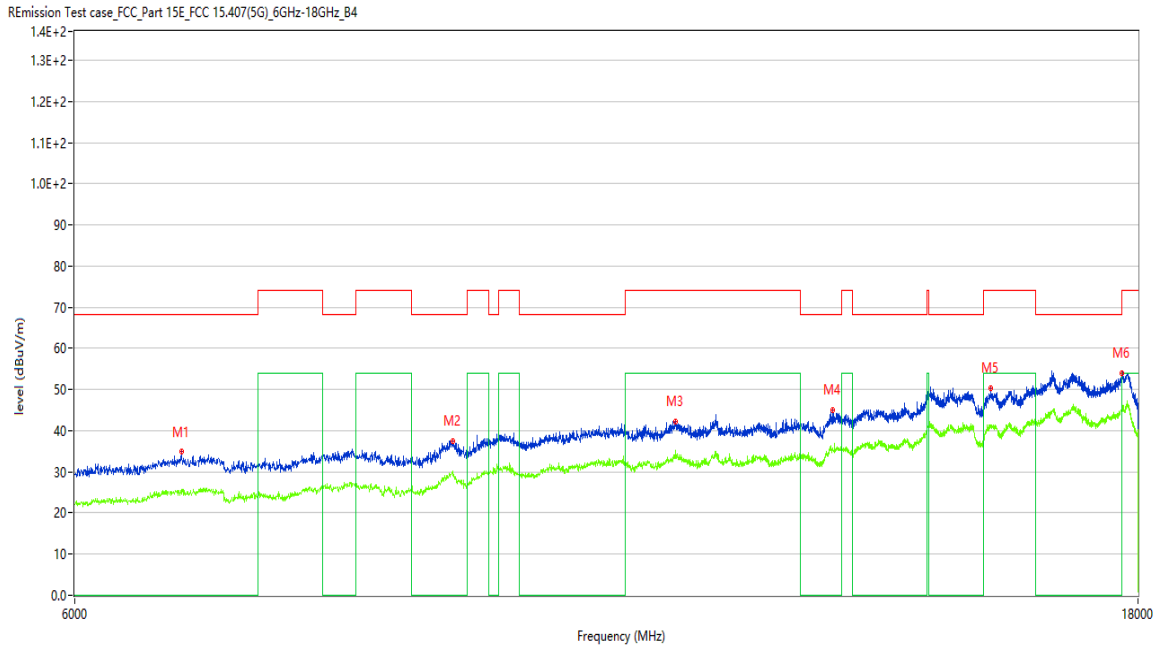
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Figure 124: Spurious Emission, 1GHz – 10th Harmonic, 802.11ac(VHT20), 5825MHz
1GHz-6GHz, Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	6698.825	34.83	1.66	68.2	-33.37	Peak	78.20	100	Horizontal	Pass
1**	6698.825	25.61	1.66	--	25.61	AV	78.20	100	Horizontal	N/A
2	8864.284	37.57	7.25	68.2	-30.63	Peak	11.60	100	Horizontal	Pass
2**	8864.284	30.08	7.25	--	30.08	AV	11.60	100	Horizontal	N/A
3	11164.709	42.17	10.79	74.0	-31.83	Peak	0.00	100	Horizontal	Pass
3**	11164.709	35.22	10.79	54.0	-18.78	AV	0.00	100	Horizontal	Pass
4	13126.218	45.01	12.38	68.2	-23.19	Peak	313.70	100	Horizontal	Pass
4**	13126.218	35.25	12.38	--	35.25	AV	313.70	100	Horizontal	N/A
5	15462.634	50.30	15.29	74.0	-23.70	Peak	73.70	100	Horizontal	Pass
5**	15462.634	41.35	15.29	54.0	-12.65	AV	73.70	100	Horizontal	Pass
6	17718.070	54.34	21.95	74.0	-19.66	Peak	60.70	100	Horizontal	Pass
6**	17718.070	45.12	21.95	54.0	-8.88	AV	60.70	100	Horizontal	Pass

TEST REPORT

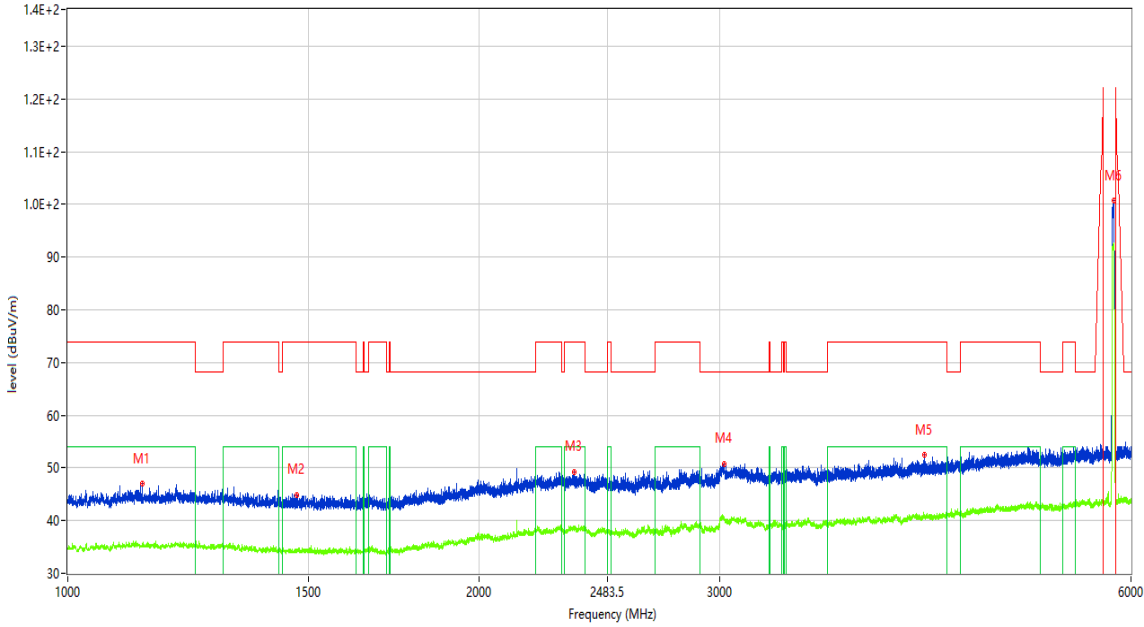
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1GHz-6GHz, Vertical

REmission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz 5G_Band4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1133.483	46.93	-7.04	74.0	-27.07	Peak	46.80	100	Horizontal	Pass
1**	1133.483	35.27	-7.04	54.0	-18.73	AV	46.80	100	Horizontal	Pass
2	1470.441	44.95	-8.47	74.0	-29.05	Peak	59.80	100	Horizontal	Pass
2**	1470.441	34.59	-8.47	54.0	-19.41	AV	59.80	100	Horizontal	Pass
3	2346.582	49.15	-4.14	74.0	-24.85	Peak	145.40	100	Horizontal	Pass
3**	2346.582	38.83	-4.14	54.0	-15.17	AV	145.40	100	Horizontal	Pass
4	3022.497	50.69	-1.08	68.2	-17.51	Peak	157.60	100	Horizontal	Pass
4**	3022.497	40.73	-1.08	--	40.73	AV	157.60	100	Horizontal	N/A
5	4238.845	52.39	-0.04	74.0	-21.61	Peak	152.80	100	Horizontal	Pass
5**	4238.845	41.09	-0.04	54.0	-12.91	AV	152.80	100	Horizontal	Pass
6	5832.021	100.65	2.16	--	-61.45	Peak	162.10	100	Horizontal	Pass
6**	5832.021	92.47	2.16	--	92.47	AV	162.10	100	Horizontal	N/A

TEST REPORT

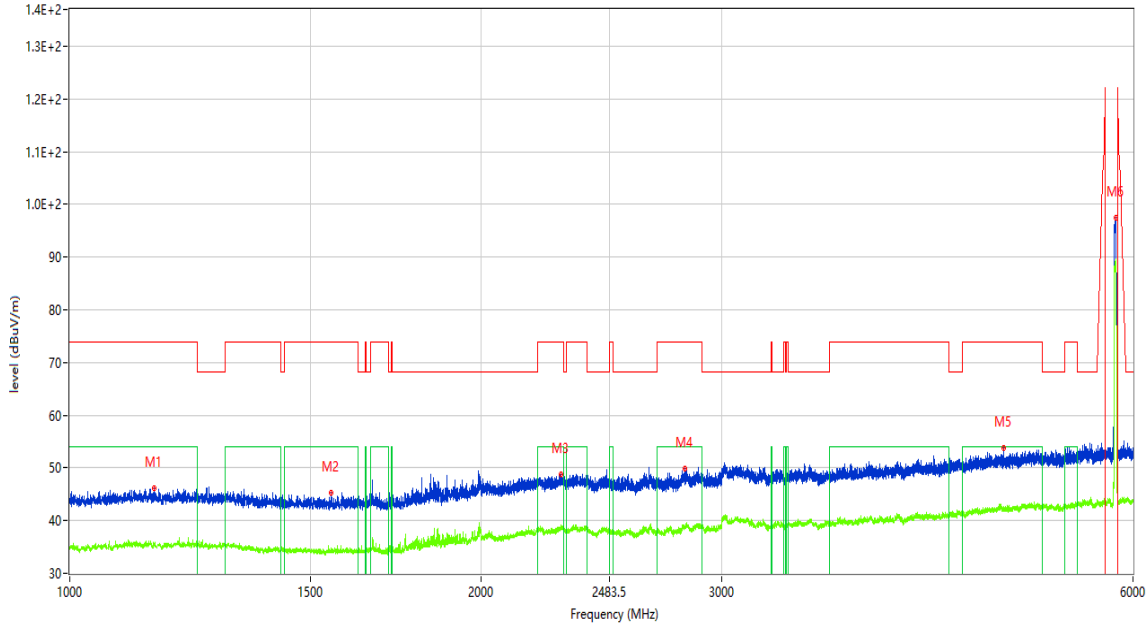
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6GHz-18GHz, Horizontal

R Emission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz 5G_Band4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1152.481	46.16	-7.14	74.0	-27.84	Peak	262.00	100	Vertical	Pass
1**	1152.481	35.77	-7.14	54.0	-18.23	AV	262.00	100	Vertical	Pass
2	1552.931	45.26	-8.68	74.0	-28.74	Peak	78.60	100	Vertical	Pass
2**	1552.931	34.48	-8.68	54.0	-19.52	AV	78.60	100	Vertical	Pass
3	2289.339	48.88	-4.01	74.0	-25.12	Peak	190.60	100	Vertical	Pass
3**	2289.339	38.62	-4.01	54.0	-15.38	AV	190.60	100	Vertical	Pass
4	2818.273	49.83	-2.40	74.0	-24.17	Peak	10.80	100	Vertical	Pass
4**	2818.273	38.57	-2.40	54.0	-15.43	AV	10.80	100	Vertical	Pass
5	4826.397	53.83	1.11	74.0	-20.17	Peak	342.20	100	Vertical	Pass
5**	4826.397	42.25	1.11	54.0	-11.75	AV	342.20	100	Vertical	Pass
6	5828.646	97.40	2.16	--	-179.00	Peak	276.40	100	Vertical	Pass
6**	5828.646	88.94	2.16	--	88.94	AV	276.40	100	Vertical	N/A

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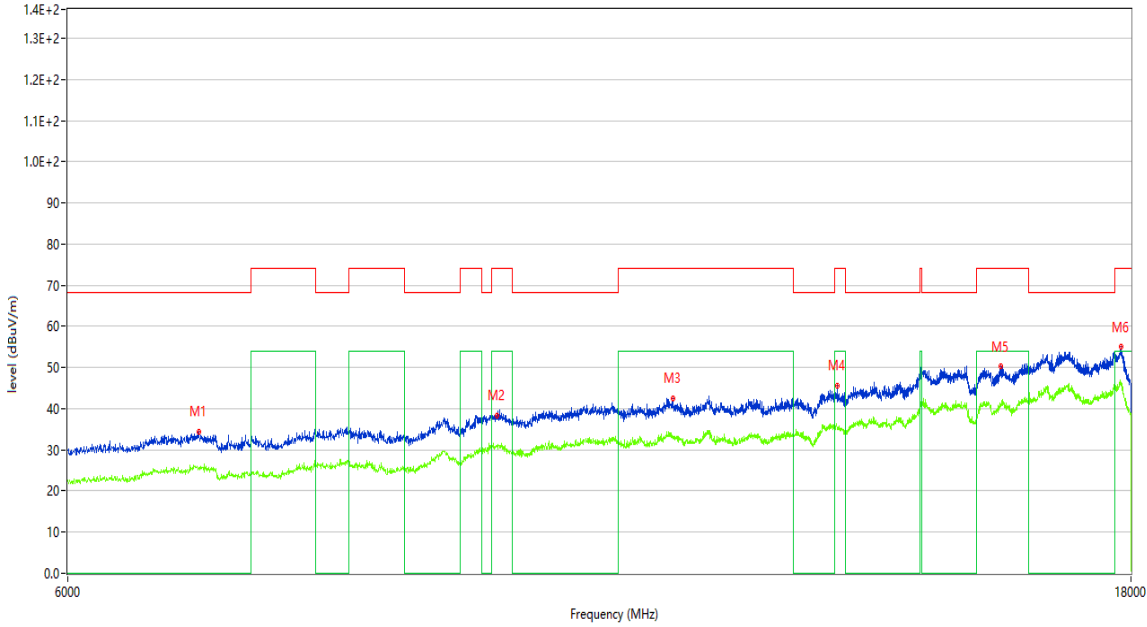
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6GHz-18GHz, Vertical

R Emission Test case_FCC_Part 15E_FCC 15.407(5G)_6GHz-18GHz_B4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	6869.783	34.49	1.67	68.2	-33.71	Peak	194.30	100	Vertical	Pass
1**	6869.783	25.69	1.67	--	25.69	AV	194.30	100	Vertical	N/A
2	9347.163	38.41	9.78	74.0	-35.59	Peak	60.30	100	Vertical	Pass
2**	9347.163	30.79	9.78	54.0	-23.21	AV	60.30	100	Vertical	Pass
3	11209.698	42.52	10.69	74.0	-31.48	Peak	20.10	100	Vertical	Pass
3**	11209.698	32.81	10.69	54.0	-21.19	AV	20.10	100	Vertical	Pass
4	13291.177	45.54	12.60	74.0	-28.46	Peak	288.40	100	Vertical	Pass
4**	13291.177	35.02	12.60	54.0	-18.98	AV	288.40	100	Vertical	Pass
5	15738.565	50.21	15.55	74.0	-23.79	Peak	357.30	100	Vertical	Pass
5**	15738.565	40.74	15.55	54.0	-13.26	AV	357.30	100	Vertical	Pass
6	17811.047	54.96	20.68	74.0	-19.04	Peak	77.80	100	Vertical	Pass
6**	17811.047	46.13	20.68	54.0	-7.87	AV	77.80	100	Vertical	Pass

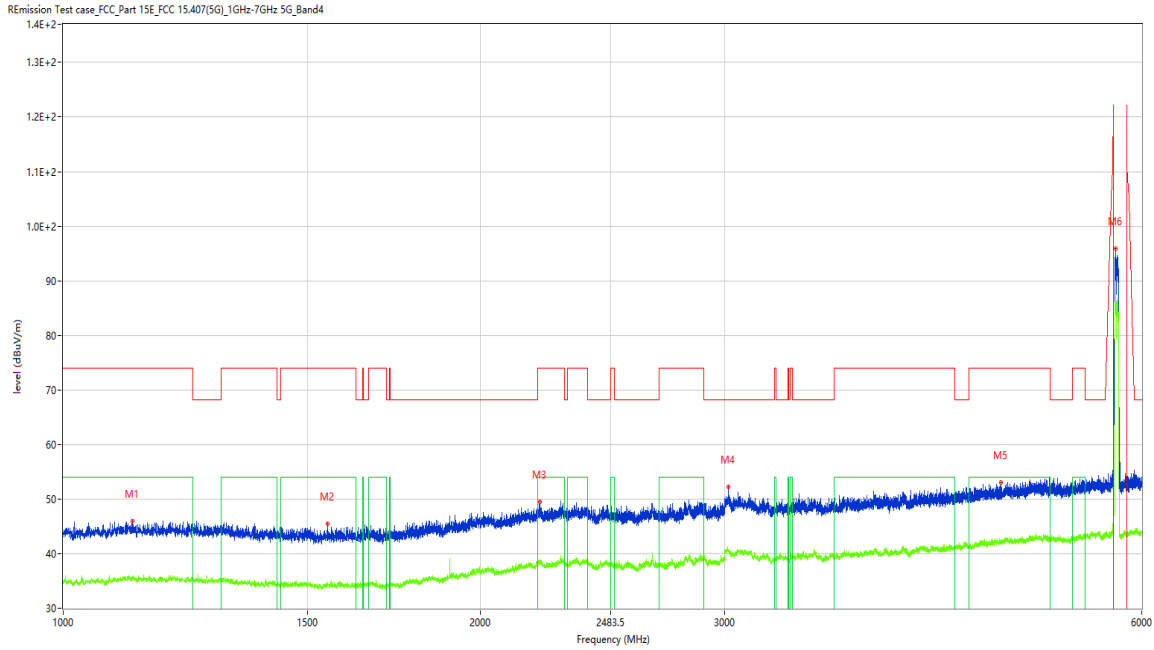
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Figure 125: Spurious Emission, 1GHz – 10th Harmonic, 802.11n(HT40), 5755MHz
1GHz-6GHz, Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1121.985	45.95	-6.96	74.0	-28.05	Peak	355.00	100	Horizontal	Pass
1**	1121.985	35.80	-6.96	54.0	-18.20	AV	355.00	100	Horizontal	Pass
2	1551.181	45.39	-8.67	74.0	-28.61	Peak	58.90	100	Horizontal	Pass
2**	1551.181	34.32	-8.67	54.0	-19.68	AV	58.90	100	Horizontal	Pass
3	2207.599	49.55	-4.34	74.0	-24.45	Peak	101.40	100	Horizontal	Pass
3**	2207.599	38.32	-4.34	54.0	-15.68	AV	101.40	100	Horizontal	Pass
4	3020.622	52.29	-1.08	68.2	-15.91	Peak	199.00	100	Horizontal	Pass
4**	3020.622	40.83	-1.08	--	40.83	AV	199.00	100	Horizontal	N/A
5	4746.907	52.97	1.01	74.0	-21.03	Peak	107.50	100	Horizontal	Pass
5**	4746.907	42.62	1.01	54.0	-11.38	AV	107.50	100	Horizontal	Pass
6	5746.907	95.86	2.16	--	-61.84	Peak	157.70	100	Horizontal	Pass
6**	5746.907	86.11	2.16	--	86.11	AV	157.70	100	Horizontal	N/A

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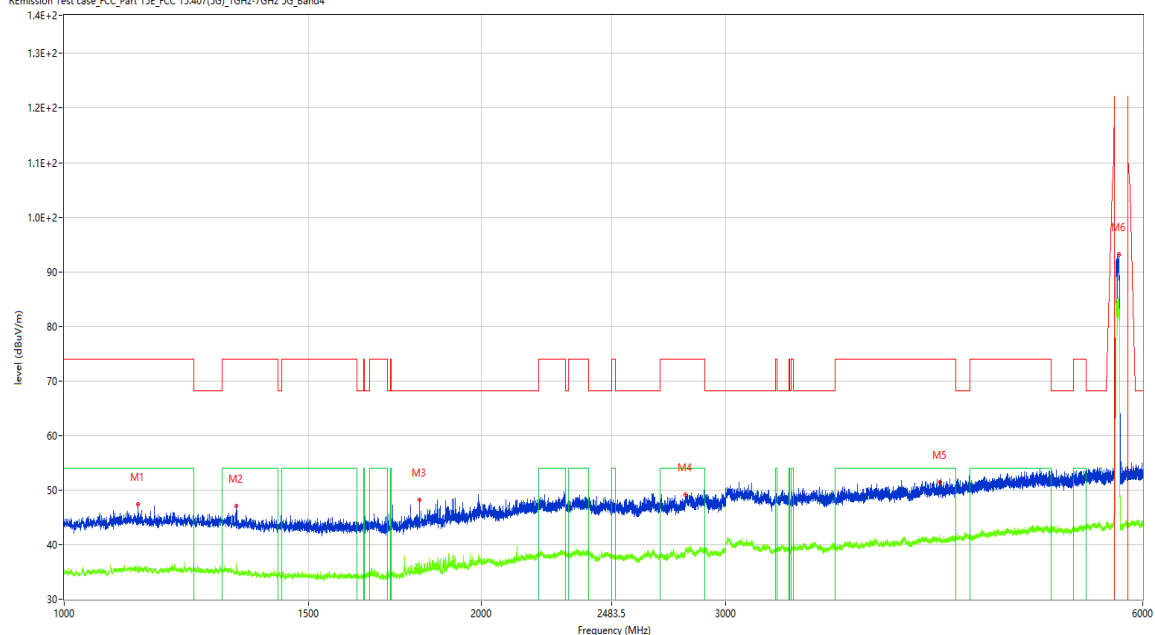
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1GHz-6GHz, Vertical

REmission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz 5G_Band4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1130.984	47.40	-7.02	74.0	-26.60	Peak	355.10	100	Vertical	Pass
1**	1130.984	36.33	-7.02	54.0	-17.67	AV	355.10	100	Vertical	Pass
2	1331.459	47.00	-7.89	74.0	-27.00	Peak	319.70	100	Vertical	Pass
2**	1331.459	36.57	-7.89	54.0	-17.43	AV	319.70	100	Vertical	Pass
3	1805.149	48.17	-8.05	68.2	-20.03	Peak	58.30	100	Vertical	Pass
3**	1805.149	36.62	-8.05	--	36.62	AV	58.30	100	Vertical	N/A
4	2808.024	49.12	-2.44	74.0	-24.88	Peak	357.40	100	Vertical	Pass
4**	2808.024	38.84	-2.44	54.0	-15.16	AV	357.40	100	Vertical	Pass
5	4286.089	51.40	-0.04	74.0	-22.60	Peak	3.80	100	Vertical	Pass
5**	4286.089	40.27	-0.04	54.0	-13.73	AV	3.80	100	Vertical	Pass
6	5768.279	93.14	2.16	--	-164.96	Peak	258.10	100	Vertical	Pass
6**	5768.279	85.20	2.16	--	85.20	AV	258.10	100	Vertical	N/A

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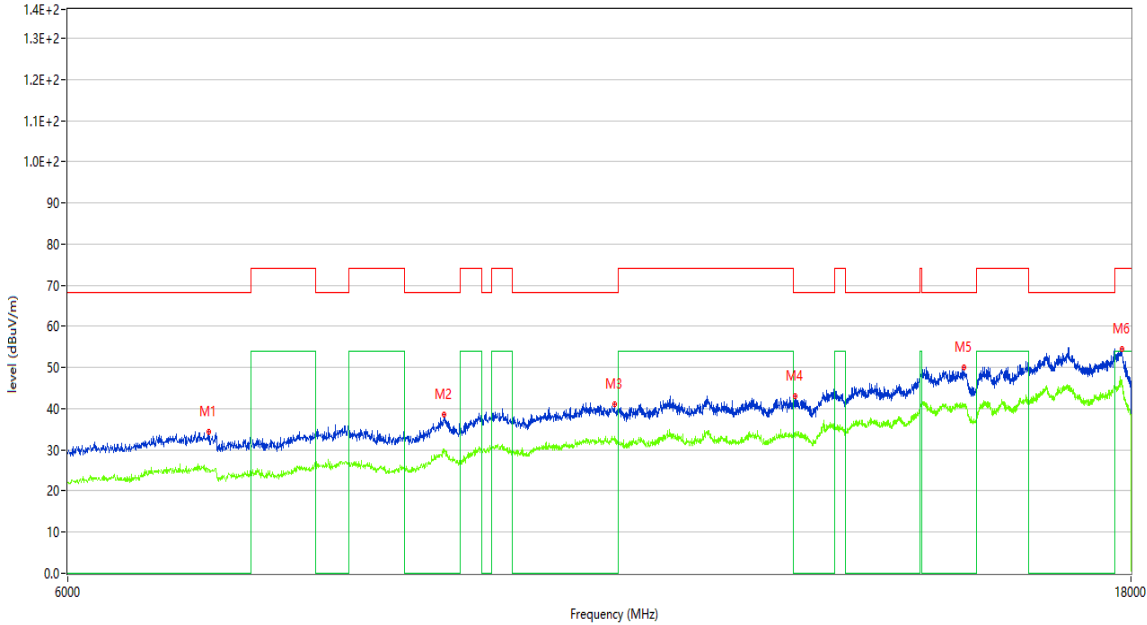
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6GHz-18GHz, Horizontal

R Emission Test case_FCC_Part 15E_FCC 15.407(5G)_6GHz-18GHz_B4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	6941.765	34.48	1.16	68.2	-33.72	Peak	315.10	100	Horizontal	Pass
1**	6941.765	25.28	1.16	--	25.28	AV	315.10	100	Horizontal	N/A
2	8852.287	38.49	7.51	68.2	-29.71	Peak	139.60	100	Horizontal	Pass
2**	8852.287	30.22	7.51	--	30.22	AV	139.60	100	Horizontal	N/A
3	10558.860	41.09	9.94	68.2	-27.11	Peak	315.10	100	Horizontal	Pass
3**	10558.860	33.39	9.94	--	33.39	AV	315.10	100	Horizontal	N/A
4	12721.320	43.08	11.27	68.2	-25.12	Peak	173.80	100	Horizontal	Pass
4**	12721.320	34.00	11.27	--	34.00	AV	173.80	100	Horizontal	N/A
5	15147.713	50.01	15.26	68.2	-18.19	Peak	207.60	100	Horizontal	Pass
5**	15147.713	40.58	15.26	--	40.58	AV	207.60	100	Horizontal	N/A
6	17832.042	54.57	19.89	74.0	-19.43	Peak	0.80	100	Horizontal	Pass
6**	17832.042	45.55	19.89	54.0	-8.45	AV	0.80	100	Horizontal	Pass

6GHz-18GHz, Vertical

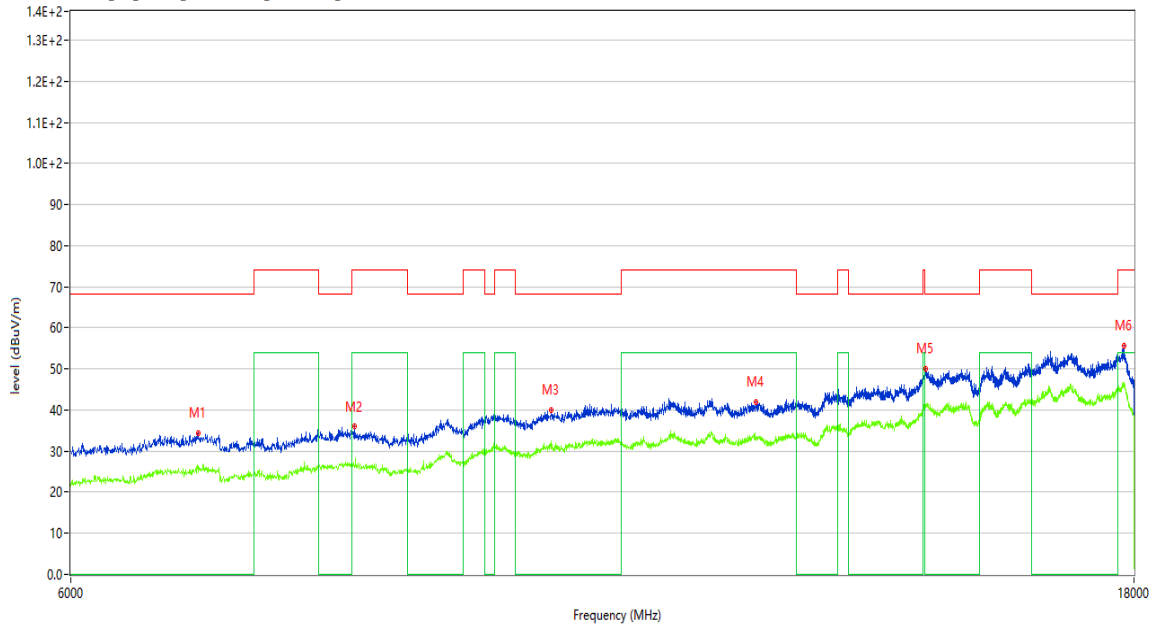
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R Emission Test case_FCC_Part 15E_FCC 15.407(5G)_6GHz-18GHz_B4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	6842.789	34.47	1.75	68.2	-33.73	Peak	44.70	100	Vertical	Pass
1**	6842.789	26.41	1.75	--	26.41	AV	44.70	100	Vertical	N/A
2	8042.489	35.94	5.30	74.0	-38.06	Peak	0.80	100	Vertical	Pass
2**	8042.489	26.51	5.30	54.0	-27.49	AV	0.80	100	Vertical	Pass
3	9860.035	39.97	9.55	68.2	-28.23	Peak	276.80	100	Vertical	Pass
3**	9860.035	31.06	9.55	--	31.06	AV	276.80	100	Vertical	N/A
4	12181.455	42.03	10.89	74.0	-31.97	Peak	71.10	100	Vertical	Pass
4**	12181.455	33.13	10.89	54.0	-20.87	AV	71.10	100	Vertical	Pass
5	14508.873	50.11	17.07	68.2	-18.09	Peak	343.10	100	Vertical	Pass
5**	14508.873	41.17	17.07	--	41.17	AV	343.10	100	Vertical	N/A
6	17814.046	55.53	20.57	74.0	-18.47	Peak	160.80	100	Vertical	Pass
6**	17814.046	46.77	20.57	54.0	-7.23	AV	160.80	100	Vertical	Pass

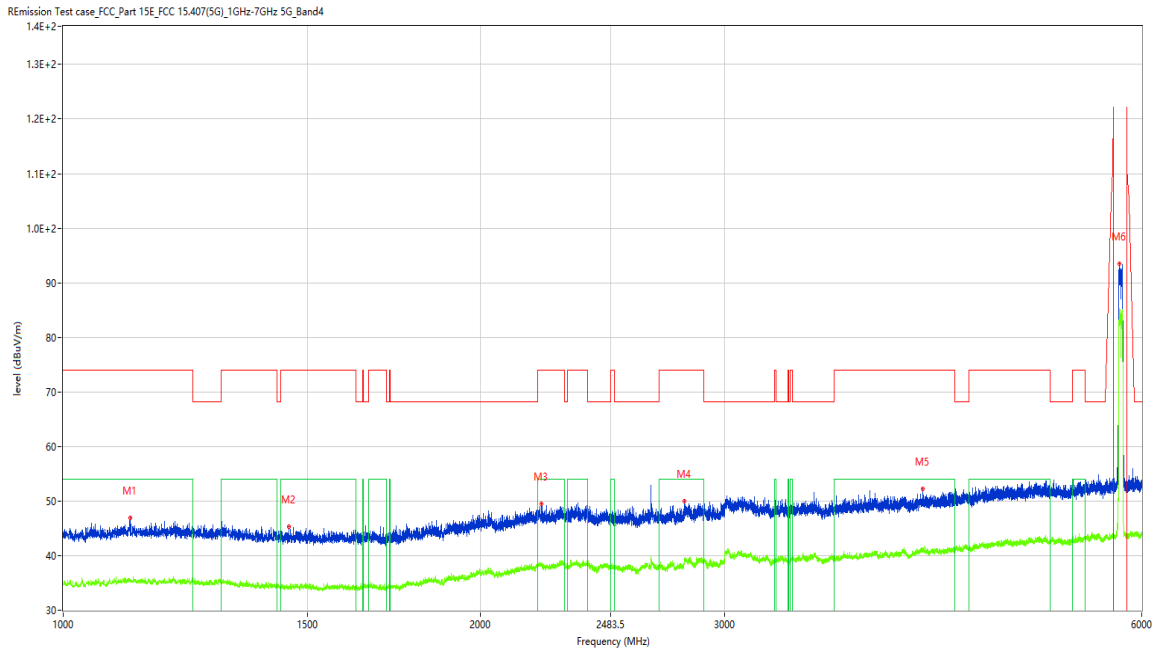
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Figure 126: Spurious Emission, 1GHz – 10th Harmonic, 802.11n(HT40), 5795MHz
 1GHz-6GHz, Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1118.485	46.94	-6.93	74.0	-27.06	Peak	103.10	100	Horizontal	Pass
1**	1118.485	35.46	-6.93	54.0	-18.54	AV	103.10	100	Horizontal	Pass
2	1455.443	45.31	-8.46	74.0	-28.69	Peak	225.20	100	Horizontal	Pass
2**	1455.443	34.42	-8.46	54.0	-19.58	AV	225.20	100	Horizontal	Pass
3	2213.098	49.57	-4.42	74.0	-24.43	Peak	134.80	100	Horizontal	Pass
3**	2213.098	38.61	-4.42	54.0	-15.39	AV	134.80	100	Horizontal	Pass
4	2807.024	49.99	-2.50	74.0	-24.01	Peak	302.60	100	Horizontal	Pass
4**	2807.024	38.81	-2.50	54.0	-15.19	AV	302.60	100	Horizontal	Pass
5	4169.854	52.21	-0.04	74.0	-21.79	Peak	255.80	100	Horizontal	Pass
5**	4169.854	40.65	-0.04	54.0	-13.35	AV	255.80	100	Horizontal	Pass
6	5784.027	93.49	2.16	--	-70.01	Peak	163.50	100	Horizontal	Pass
6**	5784.027	85.18	2.16	--	85.18	AV	163.50	100	Horizontal	N/A

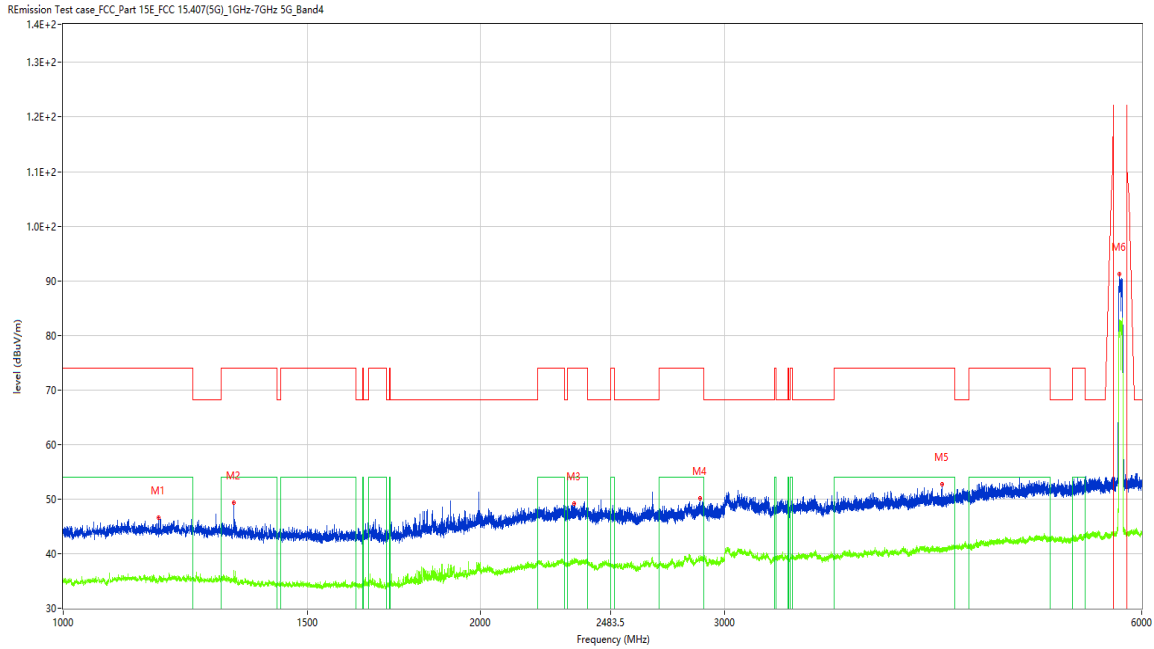
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1GHz-6GHz, Vertical



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1170.979	46.63	-7.13	74.0	-27.37	Peak	62.20	100	Vertical	Pass
1**	1170.979	34.87	-7.13	54.0	-19.13	AV	62.20	100	Vertical	Pass
2	1328.209	49.31	-7.86	74.0	-24.69	Peak	102.40	100	Vertical	Pass
2**	1328.209	36.86	-7.86	54.0	-17.14	AV	102.40	100	Vertical	Pass
3	2337.083	49.15	-4.18	74.0	-24.85	Peak	206.60	100	Vertical	Pass
3**	2337.083	38.67	-4.18	54.0	-15.33	AV	206.60	100	Vertical	Pass
4	2879.015	50.09	-2.22	74.0	-23.91	Peak	12.70	100	Vertical	Pass
4**	2879.015	39.34	-2.22	54.0	-14.66	AV	12.70	100	Vertical	Pass
5	4305.212	52.74	-0.02	74.0	-21.26	Peak	182.20	100	Vertical	Pass
5**	4305.212	40.79	-0.02	54.0	-13.21	AV	182.20	100	Vertical	Pass
6	5782.527	91.22	2.16	--	-179.58	Peak	270.80	100	Vertical	Pass
6**	5782.527	82.78	2.16	--	82.78	AV	270.80	100	Vertical	N/A

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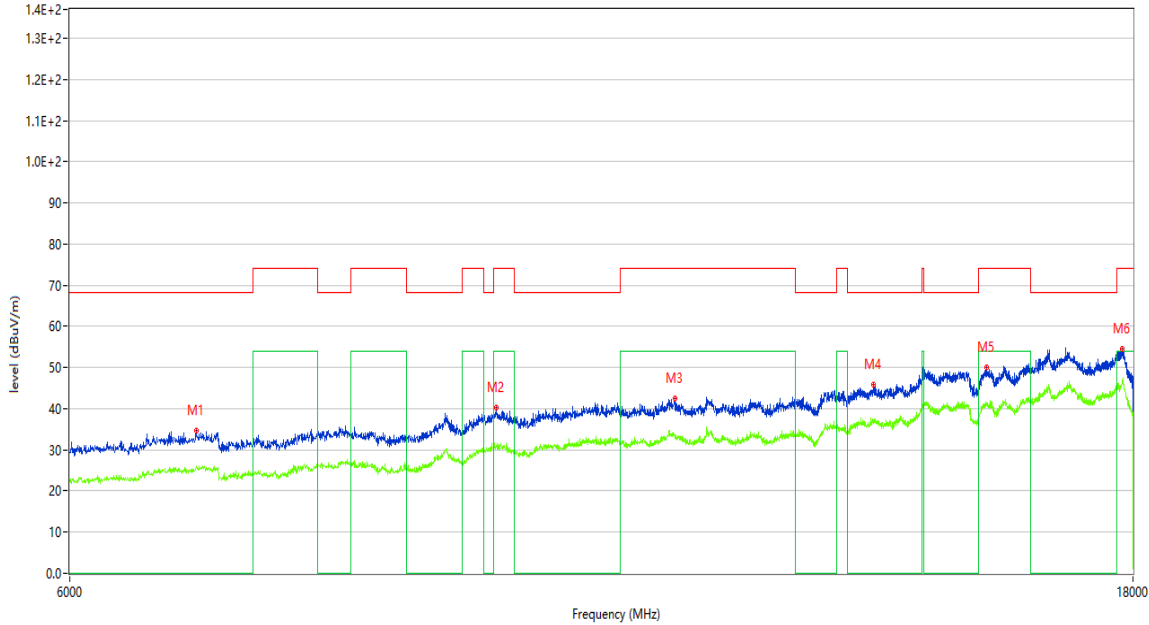
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6GHz-18GHz, Horizontal

R Emission Test case_FCC_Part 15E_FCC 15.407(5G)_6GHz-18GHz_B4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	6836.791	34.59	1.69	68.2	-33.61	Peak	253.50	100	Horizontal	Pass
1**	6836.791	25.80	1.69	--	25.80	AV	253.50	100	Horizontal	N/A
2	9320.170	40.29	9.40	74.0	-33.71	Peak	266.50	100	Horizontal	Pass
2**	9320.170	31.00	9.40	54.0	-23.00	AV	266.50	100	Horizontal	Pass
3	11218.695	42.57	10.68	74.0	-31.43	Peak	7.20	100	Horizontal	Pass
3**	11218.695	32.93	10.68	54.0	-21.07	AV	7.20	100	Horizontal	Pass
4	13771.057	45.77	13.56	68.2	-22.43	Peak	199.50	100	Horizontal	Pass
4**	13771.057	37.20	13.56	--	37.20	AV	199.50	100	Horizontal	N/A
5	15480.630	50.13	15.30	74.0	-23.87	Peak	34.30	100	Horizontal	Pass
5**	15480.630	41.42	15.30	54.0	-12.58	AV	34.30	100	Horizontal	Pass
6	17793.052	54.66	21.13	74.0	-19.34	Peak	195.10	100	Horizontal	Pass
6**	17793.052	46.23	21.13	54.0	-7.77	AV	195.10	100	Horizontal	Pass

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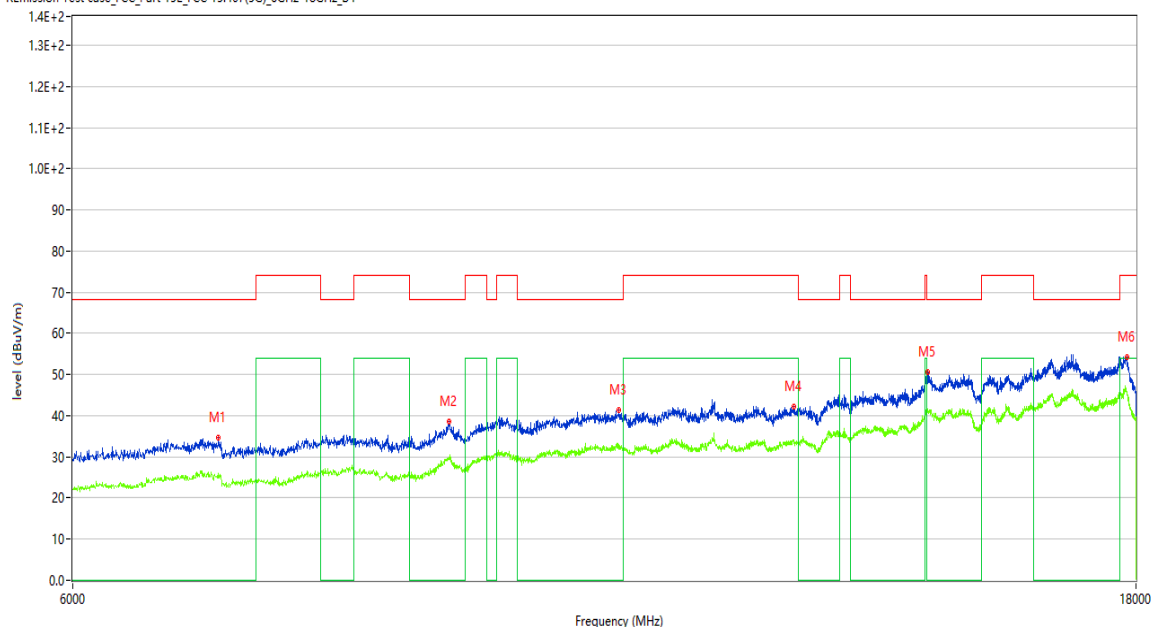
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6GHz-18GHz, Vertical

R Emission Test case_FCC_Part 15E_FCC 15.407(5G)_6GHz-18GHz_B4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	6974.756	34.80	1.29	68.2	-33.40	Peak	83.10	100	Vertical	Pass
1**	6974.756	26.10	1.29	--	26.10	AV	83.10	100	Vertical	N/A
2	8852.287	38.60	7.51	68.2	-29.60	Peak	87.50	100	Vertical	Pass
2**	8852.287	29.62	7.51	--	29.62	AV	87.50	100	Vertical	N/A
3	10546.863	41.50	9.89	68.2	-26.70	Peak	87.50	100	Vertical	Pass
3**	10546.863	31.90	9.89	--	31.90	AV	87.50	100	Vertical	N/A
4	12634.341	42.16	11.44	74.0	-31.84	Peak	47.00	100	Vertical	Pass
4**	12634.341	33.20	11.44	54.0	-20.80	AV	47.00	100	Vertical	Pass
5	14508.873	50.53	17.07	68.2	-17.67	Peak	260.90	100	Vertical	Pass
5**	14508.873	41.10	17.07	--	41.10	AV	260.90	100	Vertical	N/A
6	17832.042	54.38	19.89	74.0	-19.62	Peak	328.30	100	Vertical	Pass
6**	17832.042	45.51	19.89	54.0	-8.49	AV	328.30	100	Vertical	Pass

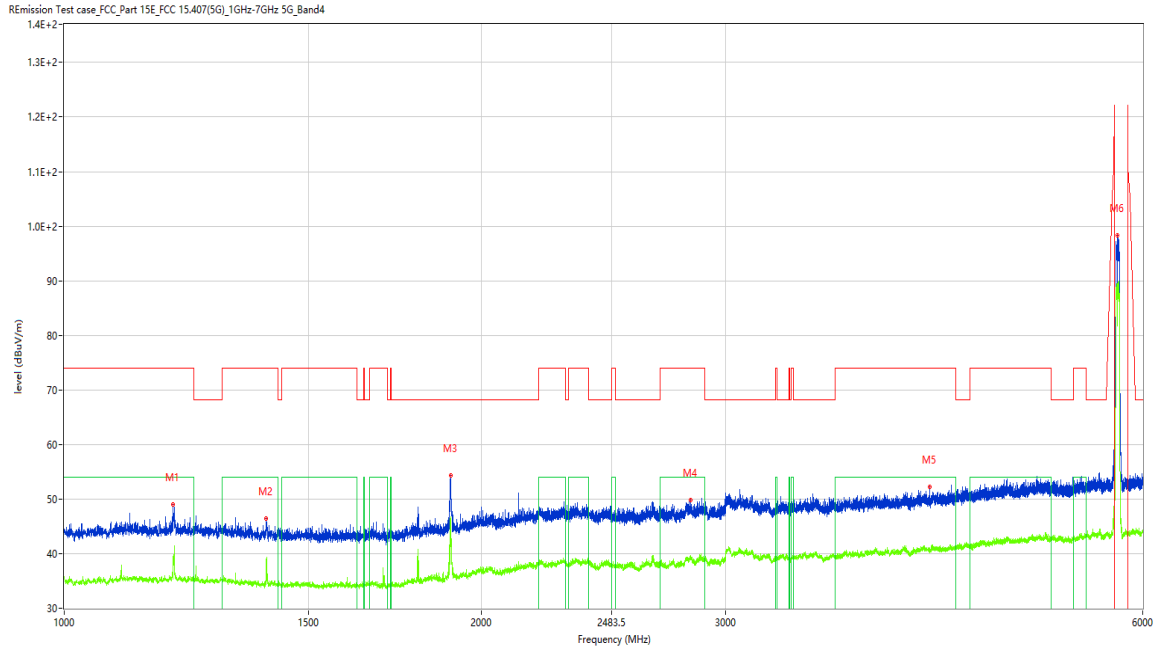
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Figure 127: Spurious Emission, 1GHz – 10th Harmonic, 802.11ac(VHT40), 5755MHz
1GHz-6GHz, Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1198.475	48.99	-7.10	74.0	-25.01	Peak	302.20	100	Horizontal	Pass
1**	1198.475	39.57	-7.10	54.0	-14.43	AV	302.20	100	Horizontal	Pass
2	1399.200	46.40	-8.20	74.0	-27.60	Peak	292.90	100	Horizontal	Pass
2**	1399.200	38.95	-8.20	54.0	-15.05	AV	292.90	100	Horizontal	Pass
3	1900.887	54.39	-7.28	68.2	-13.81	Peak	306.70	100	Horizontal	Pass
3**	1900.887	43.98	-7.28	--	43.98	AV	306.70	100	Horizontal	N/A
4	2830.021	49.82	-2.08	74.0	-24.18	Peak	70.00	100	Horizontal	Pass
4**	2830.021	39.16	-2.08	54.0	-14.84	AV	70.00	100	Horizontal	Pass
5	4212.973	52.22	-0.04	74.0	-21.78	Peak	116.00	100	Horizontal	Pass
5**	4212.973	40.47	-0.04	54.0	-13.53	AV	116.00	100	Horizontal	Pass
6	5753.281	98.31	2.16	--	-87.29	Peak	185.60	100	Horizontal	Pass
6**	5753.281	87.25	2.16	--	87.25	AV	185.60	100	Horizontal	N/A

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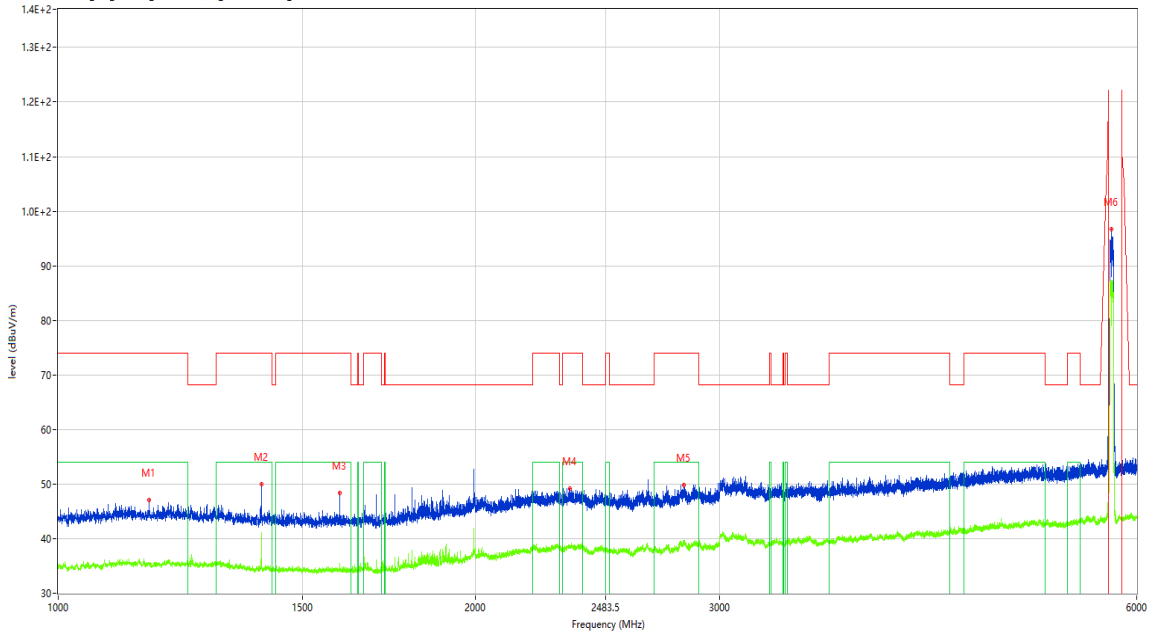
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1GHz-6GHz, Vertical

REmission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz 5G_Band4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1162.730	47.07	-7.12	74.0	-26.93	Peak	0.00	100	Vertical	Pass
1**	1162.730	35.69	-7.12	54.0	-18.31	AV	0.00	100	Vertical	Pass
2	1401.450	49.95	-8.21	74.0	-24.05	Peak	352.50	100	Vertical	Pass
2**	1401.450	41.07	-8.21	54.0	-12.93	AV	352.50	100	Vertical	Pass
3	1595.926	48.36	-8.73	74.0	-25.64	Peak	311.50	100	Vertical	Pass
3**	1595.926	35.47	-8.73	54.0	-18.53	AV	311.50	100	Vertical	Pass
4	2339.583	49.26	-4.18	74.0	-24.74	Peak	1.10	100	Vertical	Pass
4**	2339.583	38.27	-4.18	54.0	-15.73	AV	1.10	100	Vertical	Pass
5	2828.021	49.79	-2.15	74.0	-24.21	Peak	199.10	100	Vertical	Pass
5**	2828.021	39.41	-2.15	54.0	-14.59	AV	199.10	100	Vertical	Pass
6	5753.281	94.63	2.16	--	-18.37	Peak	113.00	100	Vertical	Pass
6**	5753.281	85.11	2.16	--	85.11	AV	113.00	100	Vertical	N/A

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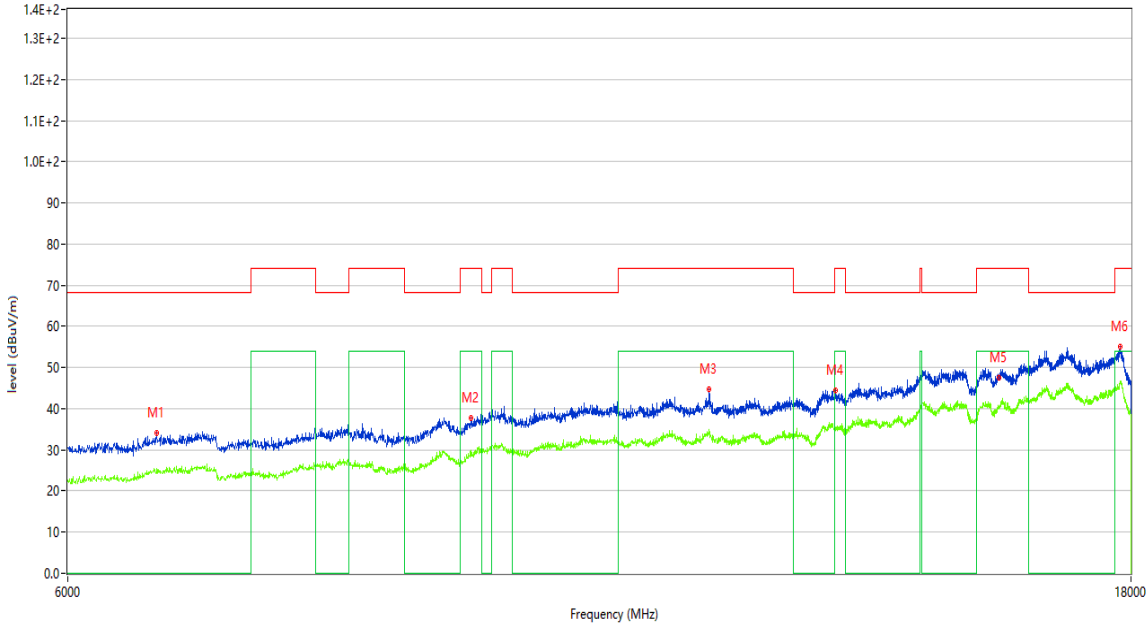
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6GHz-18GHz, Horizontal

R Emission Test case_FCC_Part 15E_FCC 15.407(5G)_6GHz-18GHz_B4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	6575.856	34.08	0.88	68.2	-34.12	Peak	1.70	100	Horizontal	Pass
1**	6575.856	24.25	0.88	--	24.25	AV	1.70	100	Horizontal	N/A
2	9101.225	37.81	6.81	74.0	-36.19	Peak	217.70	100	Horizontal	Pass
2**	9101.225	30.06	6.81	54.0	-23.94	AV	217.70	100	Horizontal	Pass
3	11641.590	44.85	10.92	74.0	-29.15	Peak	36.10	100	Horizontal	Pass
3**	11641.590	34.91	10.92	54.0	-19.09	AV	36.10	100	Horizontal	Pass
4	13264.184	44.40	12.42	74.0	-29.60	Peak	230.70	100	Horizontal	Pass
4**	13264.184	35.21	12.42	54.0	-18.79	AV	230.70	100	Horizontal	Pass
5	15705.574	47.58	14.96	74.0	-26.42	Peak	62.90	100	Horizontal	Pass
5**	15705.574	39.96	14.96	54.0	-14.04	AV	62.90	100	Horizontal	Pass
6	17799.050	55.04	21.10	74.0	-18.96	Peak	320.10	100	Horizontal	Pass
6**	17799.050	46.49	21.10	54.0	-7.51	AV	320.10	100	Horizontal	Pass

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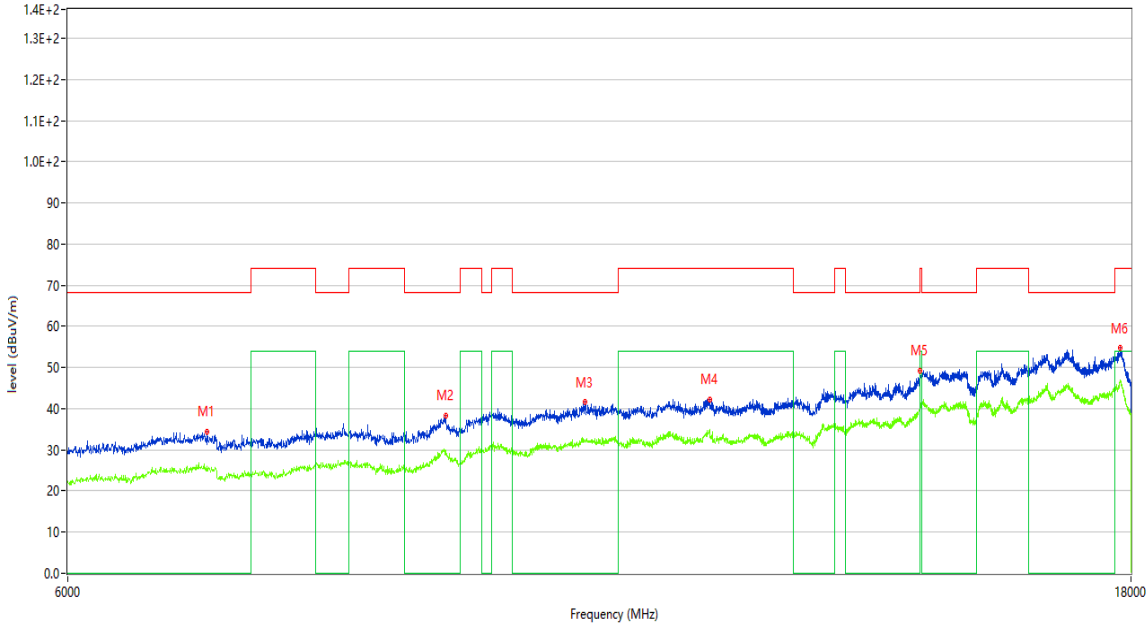
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6GHz-18GHz, Vertical

R Emission Test case_FCC_Part 15E_FCC 15.407(5G)_6GHz-18GHz_B4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	6929.768	34.33	1.24	68.2	-33.87	Peak	26.50	100	Vertical	Pass
1**	6929.768	26.04	1.24	--	26.04	AV	26.50	100	Vertical	N/A
2	8867.283	38.39	7.19	68.2	-29.81	Peak	347.20	100	Vertical	Pass
2**	8867.283	29.94	7.19	--	29.94	AV	347.20	100	Vertical	N/A
3	10240.940	41.52	10.65	68.2	-26.68	Peak	280.20	100	Vertical	Pass
3**	10240.940	32.14	10.65	--	32.14	AV	280.20	100	Vertical	N/A
4	11647.588	42.34	10.83	74.0	-31.66	Peak	66.30	100	Vertical	Pass
4**	11647.588	33.71	10.83	54.0	-20.29	AV	66.30	100	Vertical	Pass
5	14472.882	49.28	16.32	74.0	-24.72	Peak	235.60	100	Vertical	Pass
5**	14472.882	41.43	16.32	54.0	-12.57	AV	235.60	100	Vertical	Pass
6	17796.051	54.68	21.12	74.0	-19.32	Peak	181.60	100	Vertical	Pass
6**	17796.051	46.32	21.12	54.0	-7.68	AV	181.60	100	Vertical	Pass

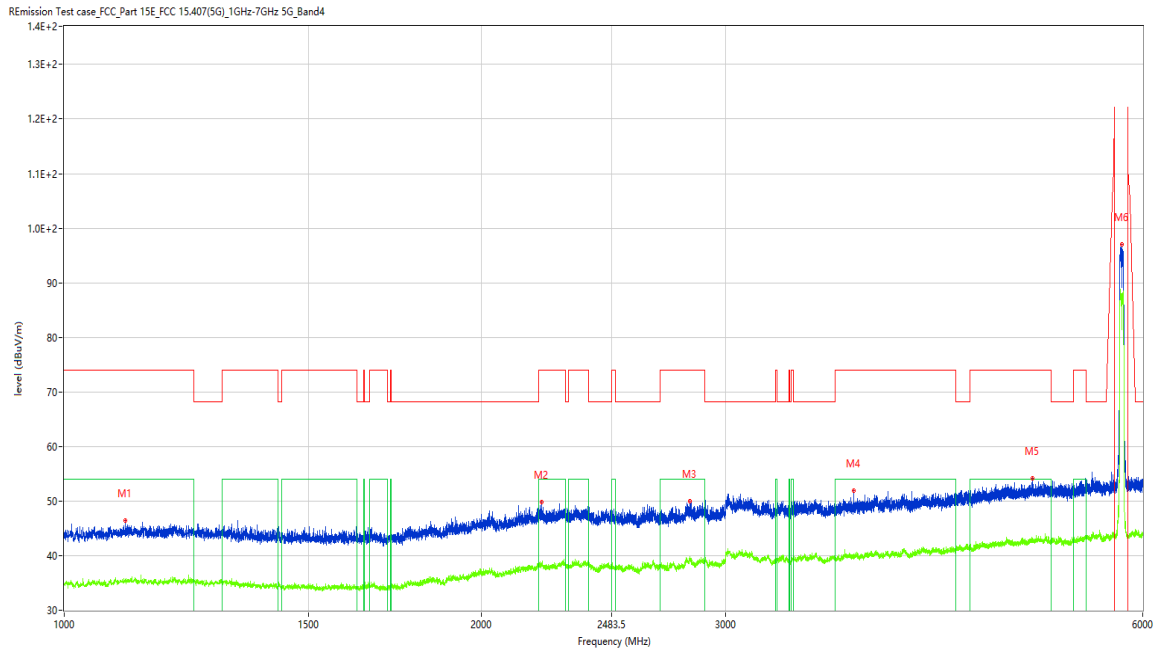
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Figure 128: Spurious Emission, 1GHz – 10th Harmonic, 802.11ac(VHT40), 5795MHz
1GHz-6GHz, Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1106.487	46.49	-6.86	74.0	-27.51	Peak	157.80	100	Horizontal	Pass
1**	1106.487	35.56	-6.86	54.0	-18.44	AV	157.80	100	Horizontal	Pass
2	2210.849	49.83	-4.34	74.0	-24.17	Peak	0.60	100	Horizontal	Pass
2**	2210.849	38.15	-4.34	54.0	-15.85	AV	0.60	100	Horizontal	Pass
3	2827.522	49.92	-2.16	74.0	-24.08	Peak	108.60	100	Horizontal	Pass
3**	2827.522	39.00	-2.16	54.0	-15.00	AV	108.60	100	Horizontal	Pass
4	3711.286	51.96	-0.74	74.0	-22.04	Peak	196.40	100	Horizontal	Pass
4**	3711.286	39.93	-0.74	54.0	-14.07	AV	196.40	100	Horizontal	Pass
5	4992.876	54.20	1.63	74.0	-19.80	Peak	56.80	100	Horizontal	Pass
5**	4992.876	42.69	1.63	54.0	-11.31	AV	56.80	100	Horizontal	Pass
6	5793.026	97.03	2.16	--	-61.37	Peak	158.40	100	Horizontal	Pass
6**	5793.026	86.97	2.16	--	86.97	AV	158.40	100	Horizontal	N/A

TEST REPORT

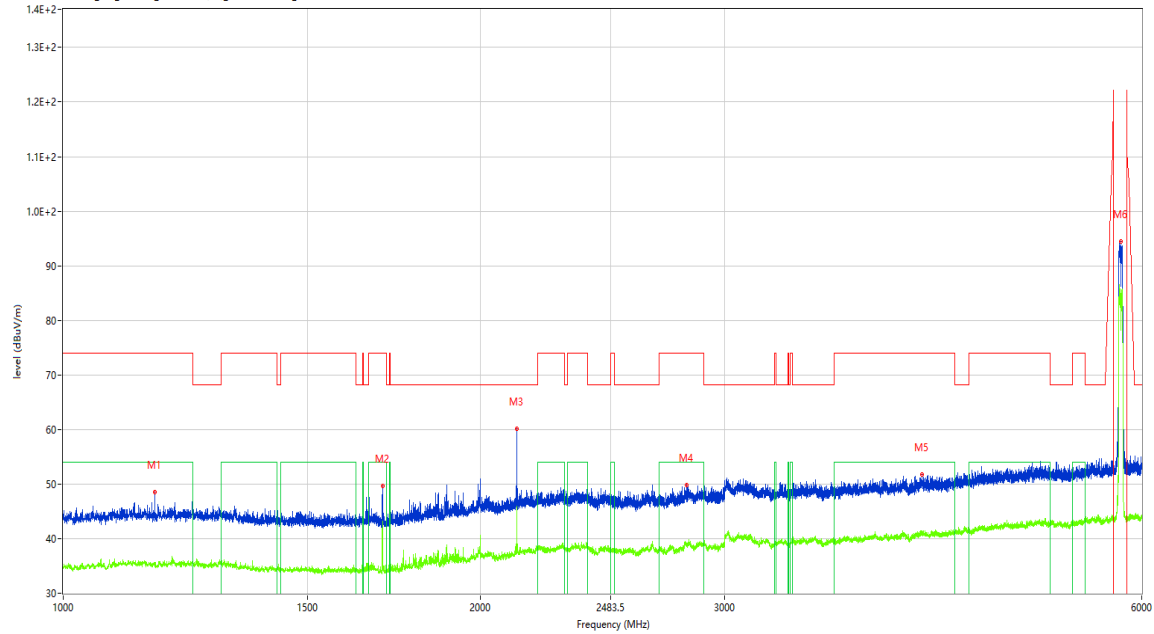
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1GHz-6GHz, Vertical

REmission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz 5G_Band4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1163.980	48.52	-7.12	74.0	-25.48	Peak	203.30	100	Vertical	Pass
1**	1163.980	35.56	-7.12	54.0	-18.44	AV	203.30	100	Vertical	Pass
2	1699.663	49.71	-8.70	74.0	-24.29	Peak	5.10	100	Vertical	Pass
2**	1699.663	43.16	-8.70	54.0	-10.84	AV	5.10	100	Vertical	Pass
3	2125.609	60.18	-5.21	68.2	-8.02	Peak	81.60	100	Vertical	Pass
3**	2125.609	45.99	-5.21	--	45.99	AV	81.60	100	Vertical	N/A
4	2818.273	49.79	-2.40	74.0	-24.21	Peak	158.60	100	Vertical	Pass
4**	2818.273	38.60	-2.40	54.0	-15.40	AV	158.60	100	Vertical	Pass
5	4165.729	51.77	-0.04	74.0	-22.23	Peak	184.80	100	Vertical	Pass
5**	4165.729	40.79	-0.04	54.0	-13.21	AV	184.80	100	Vertical	Pass
6	5793.026	94.51	2.16	--	-179.99	Peak	274.50	100	Vertical	Pass
6**	5793.026	84.88	2.16	--	84.88	AV	274.50	100	Vertical	N/A

TEST REPORT

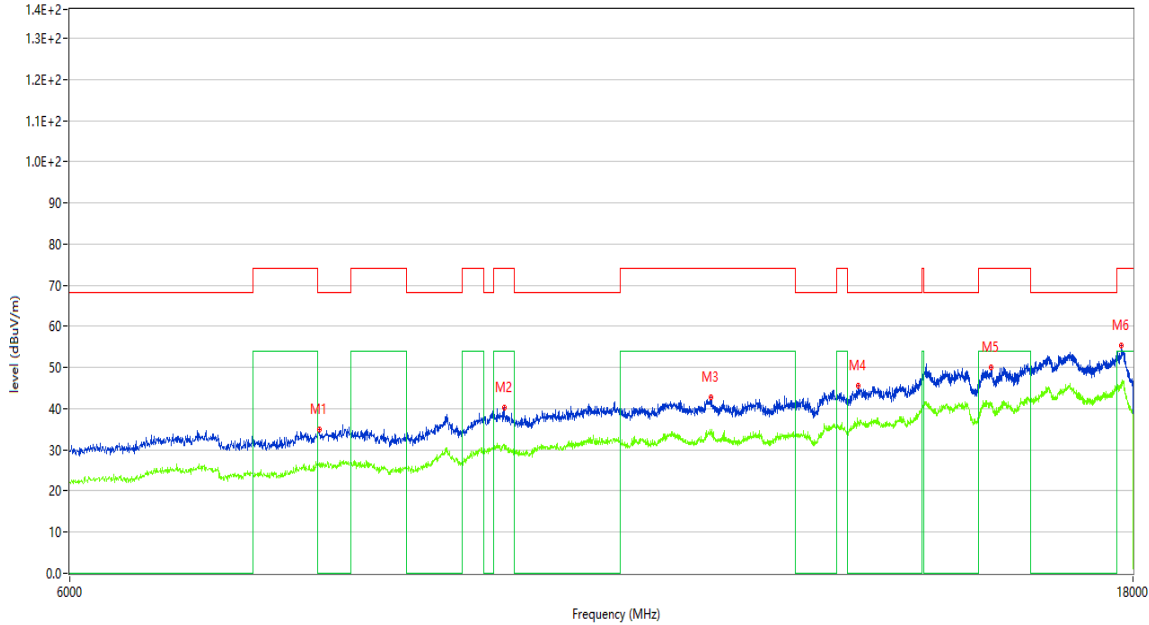
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6GHz-18GHz, Horizontal

R Emission Test case_FCC_Part 15E_FCC 15.407(5G)_6GHz-18GHz_B4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7763.559	34.85	4.84	68.2	-33.35	Peak	224.80	100	Horizontal	Pass
1**	7763.559	26.82	4.84	--	26.82	AV	224.80	100	Horizontal	N/A
2	9398.150	40.25	9.95	74.0	-33.75	Peak	327.90	100	Horizontal	Pass
2**	9398.150	31.40	9.95	54.0	-22.60	AV	327.90	100	Horizontal	Pass
3	11638.590	42.90	10.97	74.0	-31.10	Peak	7.20	100	Horizontal	Pass
3**	11638.590	33.95	10.97	54.0	-20.05	AV	7.20	100	Horizontal	Pass
4	13555.111	45.47	14.19	68.2	-22.73	Peak	305.60	100	Horizontal	Pass
4**	13555.111	36.84	14.19	--	36.84	AV	305.60	100	Horizontal	N/A
5	15552.612	50.13	15.54	74.0	-23.87	Peak	0.70	100	Horizontal	Pass
5**	15552.612	40.43	15.54	54.0	-13.57	AV	0.70	100	Horizontal	Pass
6	17790.052	55.26	21.15	74.0	-18.74	Peak	7.20	100	Horizontal	Pass
6**	17790.052	45.73	21.15	54.0	-8.27	AV	7.20	100	Horizontal	Pass

TEST REPORT

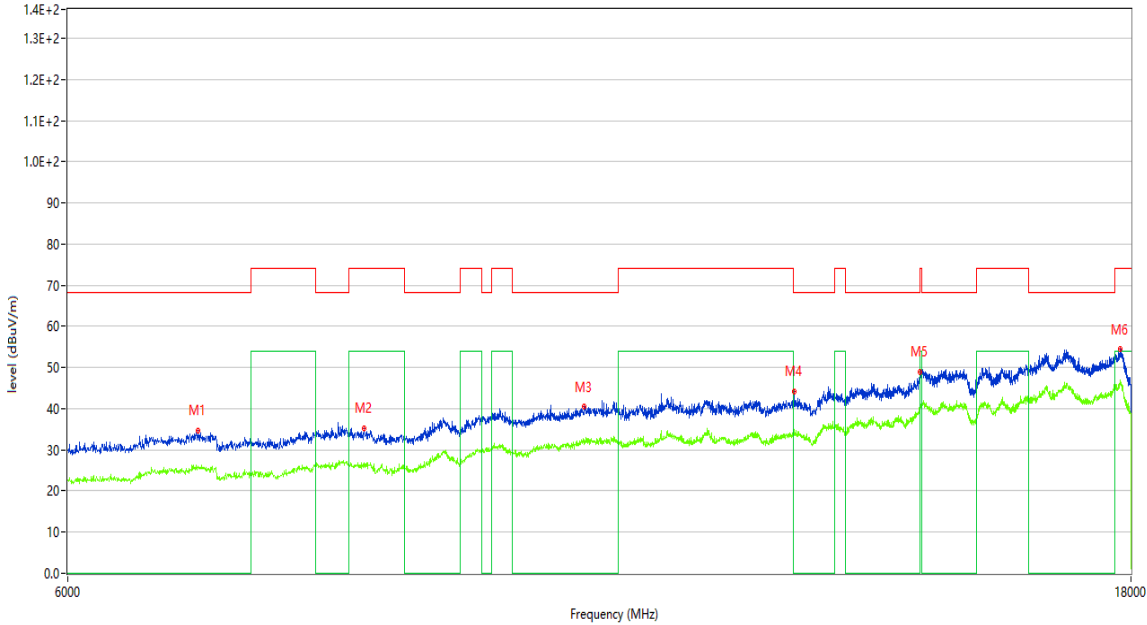
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6GHz-18GHz, Vertical

R Emission Test case_FCC_Part 15E_FCC 15.407(5G)_6GHz-18GHz_B4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	6863.784	34.57	1.71	68.2	-33.63	Peak	320.10	100	Vertical	Pass
1**	6863.784	25.80	1.71	--	25.80	AV	320.10	100	Vertical	N/A
2	8147.463	35.23	5.28	74.0	-38.77	Peak	199.20	100	Vertical	Pass
2**	8147.463	26.89	5.28	54.0	-27.11	AV	199.20	100	Vertical	Pass
3	10231.942	40.55	10.62	68.2	-27.65	Peak	289.20	100	Vertical	Pass
3**	10231.942	32.56	10.62	--	32.56	AV	289.20	100	Vertical	N/A
4	12712.322	44.30	11.29	68.2	-23.90	Peak	0.70	100	Vertical	Pass
4**	12712.322	34.88	11.29	--	34.88	AV	0.70	100	Vertical	N/A
5	14469.883	48.92	16.24	68.2	-19.28	Peak	221.50	100	Vertical	Pass
5**	14469.883	40.10	16.24	--	40.10	AV	221.50	100	Vertical	N/A
6	17799.050	54.38	21.10	74.0	-19.62	Peak	105.40	100	Vertical	Pass
6**	17799.050	46.77	21.10	54.0	-7.23	AV	105.40	100	Vertical	Pass

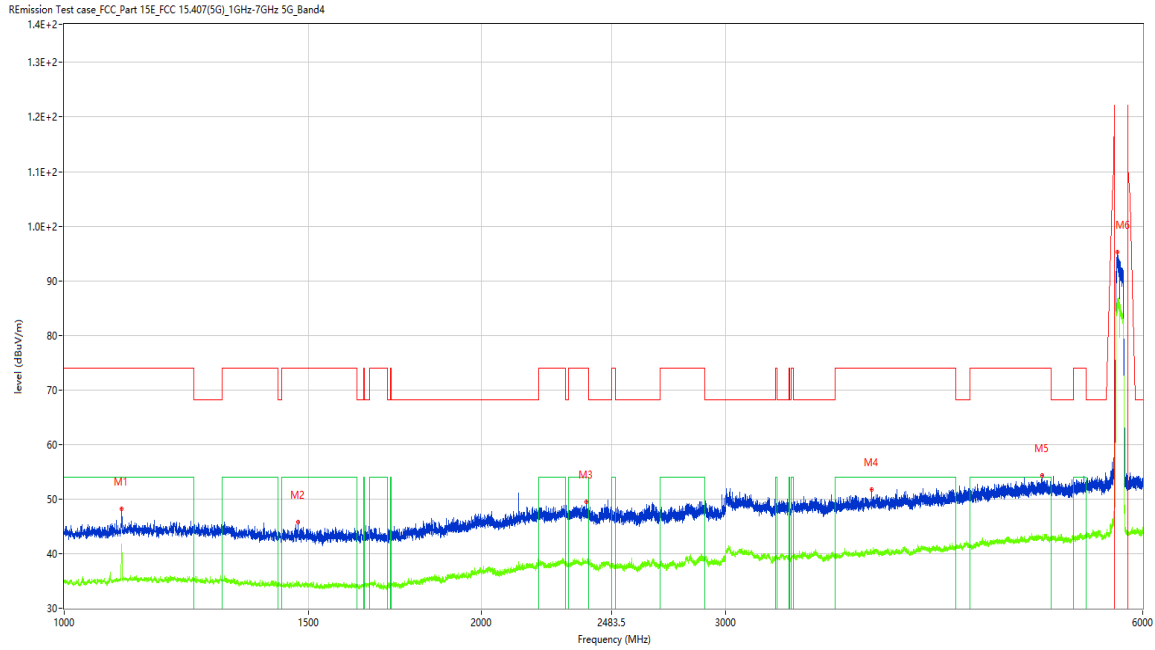
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Figure 129: Spurious Emission, 1GHz – 10th Harmonic, 802.11ac(VHT80), 5775MHz
1GHz-6GHz, Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1099.988	48.23	-6.91	74.0	-25.77	Peak	151.80	100	Horizontal	Pass
1**	1099.988	41.63	-6.91	54.0	-12.37	AV	151.80	100	Horizontal	Pass
2	1475.441	45.85	-8.49	74.0	-28.15	Peak	111.60	100	Horizontal	Pass
2**	1475.441	34.50	-8.49	54.0	-19.50	AV	111.60	100	Horizontal	Pass
3	2379.828	49.49	-3.81	74.0	-24.51	Peak	98.20	100	Horizontal	Pass
3**	2379.828	38.41	-3.81	54.0	-15.59	AV	98.20	100	Horizontal	Pass
4	3824.147	51.74	-0.64	74.0	-22.26	Peak	0.00	100	Horizontal	Pass
4**	3824.147	40.29	-0.64	54.0	-13.71	AV	0.00	100	Horizontal	Pass
5	5074.991	54.37	1.73	74.0	-19.63	Peak	349.30	100	Horizontal	Pass
5**	5074.991	42.95	1.73	54.0	-11.05	AV	349.30	100	Horizontal	Pass
6	5755.531	95.19	2.16	--	-67.61	Peak	162.80	100	Horizontal	Pass
6**	5755.531	85.53	2.16	--	85.53	AV	162.80	100	Horizontal	N/A

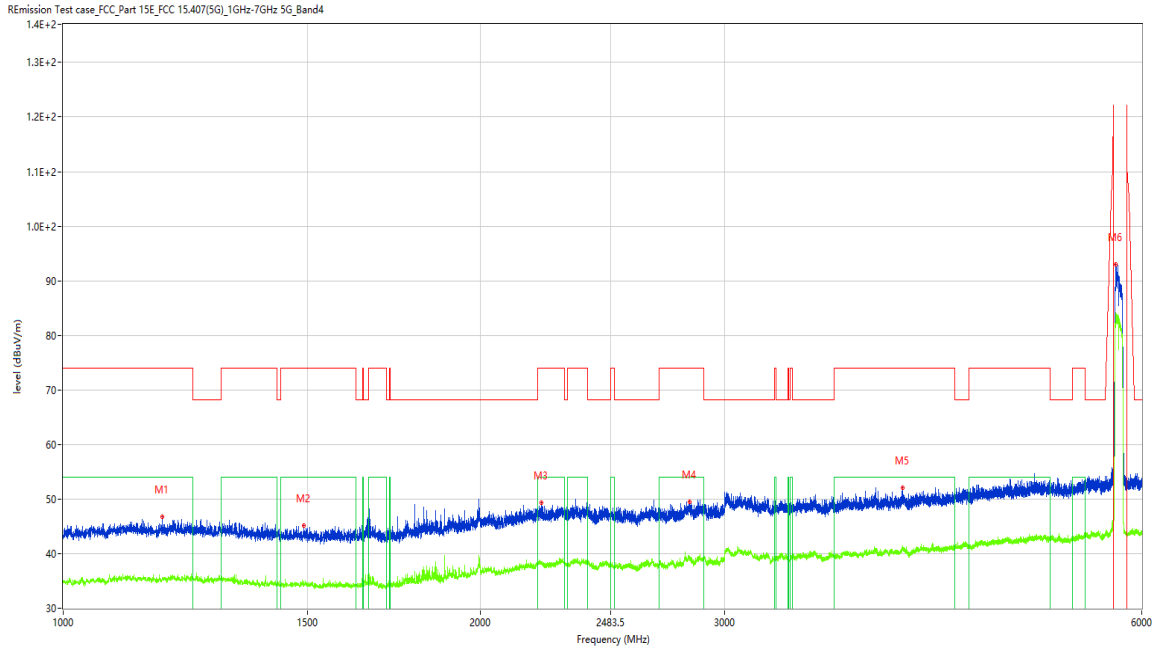
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1GHz-6GHz, Vertical



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1178.228	46.80	-7.14	74.0	-27.20	Peak	359.60	100	Vertical	Pass
1**	1178.228	35.24	-7.14	54.0	-18.76	AV	359.60	100	Vertical	Pass
2	1492.188	45.13	-8.49	74.0	-28.87	Peak	69.30	100	Vertical	Pass
2**	1492.188	34.48	-8.49	54.0	-19.52	AV	69.30	100	Vertical	Pass
3	2213.098	49.35	-4.42	74.0	-24.65	Peak	109.10	100	Vertical	Pass
3**	2213.098	38.34	-4.42	54.0	-15.66	AV	109.10	100	Vertical	Pass
4	2831.771	49.55	-2.11	74.0	-24.45	Peak	317.50	100	Vertical	Pass
4**	2831.771	38.72	-2.11	54.0	-15.28	AV	317.50	100	Vertical	Pass
5	4034.871	52.00	-0.11	74.0	-22.00	Peak	210.50	100	Vertical	Pass
5**	4034.871	40.83	-0.11	54.0	-13.17	AV	210.50	100	Vertical	Pass
6	5748.031	93.04	2.16	--	-172.16	Peak	265.20	100	Vertical	Pass
6**	5748.031	84.10	2.16	--	84.10	AV	265.20	100	Vertical	N/A

TEST REPORT

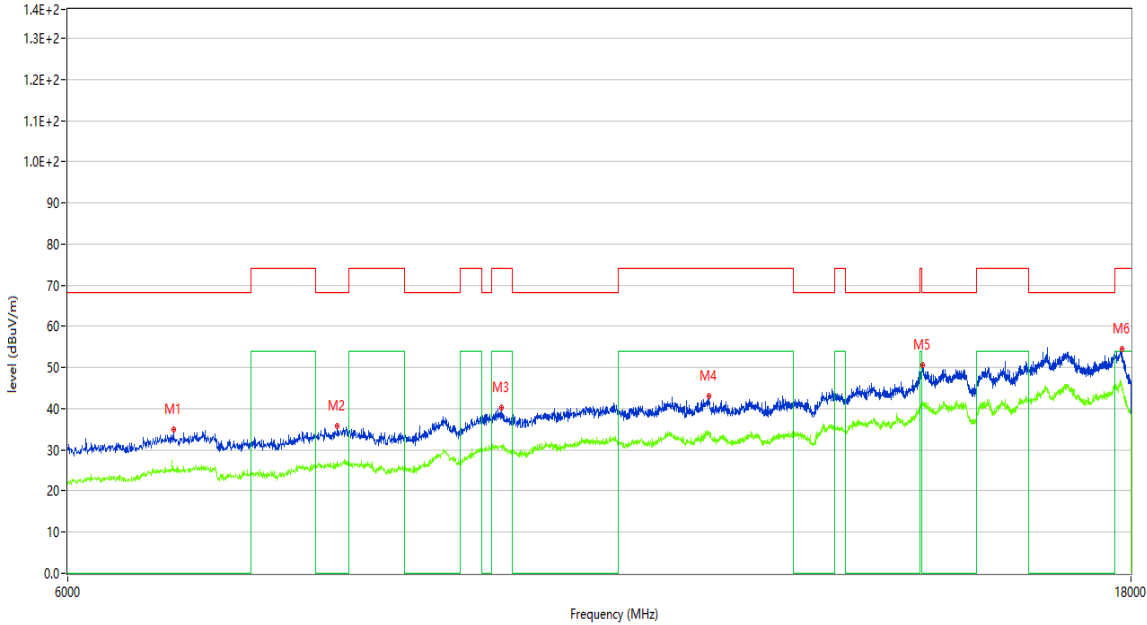
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6GHz-18GHz, Horizontal

R Emission Test case_FCC_Part 15E_FCC 15.407(5G)_6GHz-18GHz_B4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	6692.827	34.85	1.60	68.2	-33.35	Peak	195.00	100	Horizontal	Pass
1**	6692.827	25.48	1.60	--	25.48	AV	195.00	100	Horizontal	N/A
2	7928.518	35.86	4.81	68.2	-32.34	Peak	60.30	100	Horizontal	Pass
2**	7928.518	26.27	4.81	--	26.27	AV	60.30	100	Horizontal	N/A
3	9395.151	40.36	9.94	74.0	-33.64	Peak	248.60	100	Horizontal	Pass
3**	9395.151	30.94	9.94	54.0	-23.06	AV	248.60	100	Horizontal	Pass
4	11632.592	43.04	11.07	74.0	-30.96	Peak	100.10	100	Horizontal	Pass
4**	11632.592	34.24	11.07	54.0	-19.76	AV	100.10	100	Horizontal	Pass
5	14517.871	50.51	17.03	68.2	-17.69	Peak	332.80	100	Horizontal	Pass
5**	14517.871	41.49	17.03	--	41.49	AV	332.80	100	Horizontal	N/A
6	17838.040	54.46	19.66	74.0	-19.54	Peak	131.00	100	Horizontal	Pass
6**	17838.040	45.33	19.66	54.0	-8.67	AV	131.00	100	Horizontal	Pass

TEST REPORT

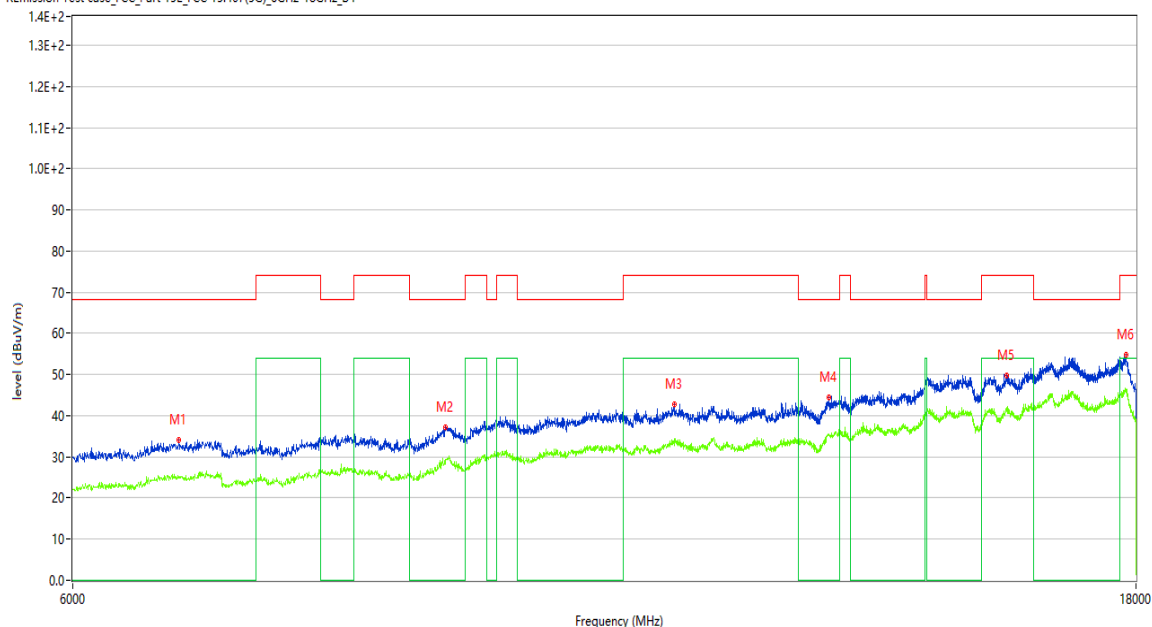
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6GHz-18GHz, Vertical

REmission Test case_FCC_Part 15E_FCC 15.407(5G)_6GHz-18GHz_B4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	6695.826	34.01	1.63	68.2	-34.19	Peak	196.10	100	Vertical	Pass
1**	6695.826	24.93	1.63	--	24.93	AV	196.10	100	Vertical	N/A
2	8816.296	37.08	7.03	68.2	-31.12	Peak	317.10	100	Vertical	Pass
2**	8816.296	28.31	7.03	--	28.31	AV	317.10	100	Vertical	N/A
3	11170.707	42.84	10.78	74.0	-31.16	Peak	245.30	100	Vertical	Pass
3**	11170.707	33.24	10.78	54.0	-20.76	AV	245.30	100	Vertical	Pass
4	13105.224	44.35	12.61	68.2	-23.85	Peak	151.80	100	Vertical	Pass
4**	13105.224	35.12	12.61	--	35.12	AV	151.80	100	Vertical	N/A
5	15753.562	49.67	15.73	74.0	-24.33	Peak	169.70	100	Vertical	Pass
5**	15753.562	42.05	15.73	54.0	-11.95	AV	169.70	100	Vertical	Pass
6	17817.046	54.94	20.46	74.0	-19.06	Peak	182.70	100	Vertical	Pass
6**	17817.046	46.35	20.46	54.0	-7.65	AV	182.70	100	Vertical	Pass

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4.1.8 Band Edge (Restricted-band band-edge)

RESULT:

PASS

Test standard : FCC Part 15.407(b)
RSS-247 6.2
Requirement : ANSI C63.10-2013, KDB 789033
Kind of test site : 3m Semi-Anechoic Chamber

Test setup

Test Channel : Low/Middle/High
Operation Mode : A.1
Ambient temperature : 25°C
Relative humidity : 52%

For details refer to following test plot.

TEST REPORT

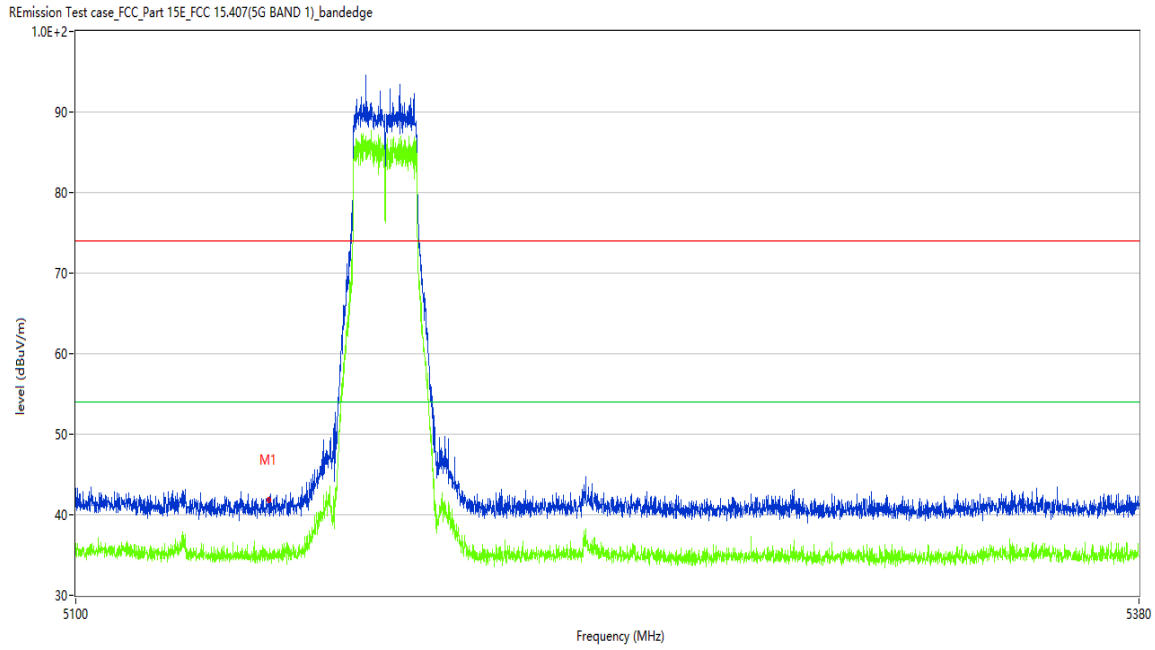
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Figure 130: Band Edge (Restricted-band band-edge), 802.11a, 5180MHz

Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	41.65	1.71	74.0	-32.35	Peak	67.45	100	H	Pass
1**	5150.000	35.66	1.71	54.0	-18.34	AV	67.45	100	H	Pass

TEST REPORT

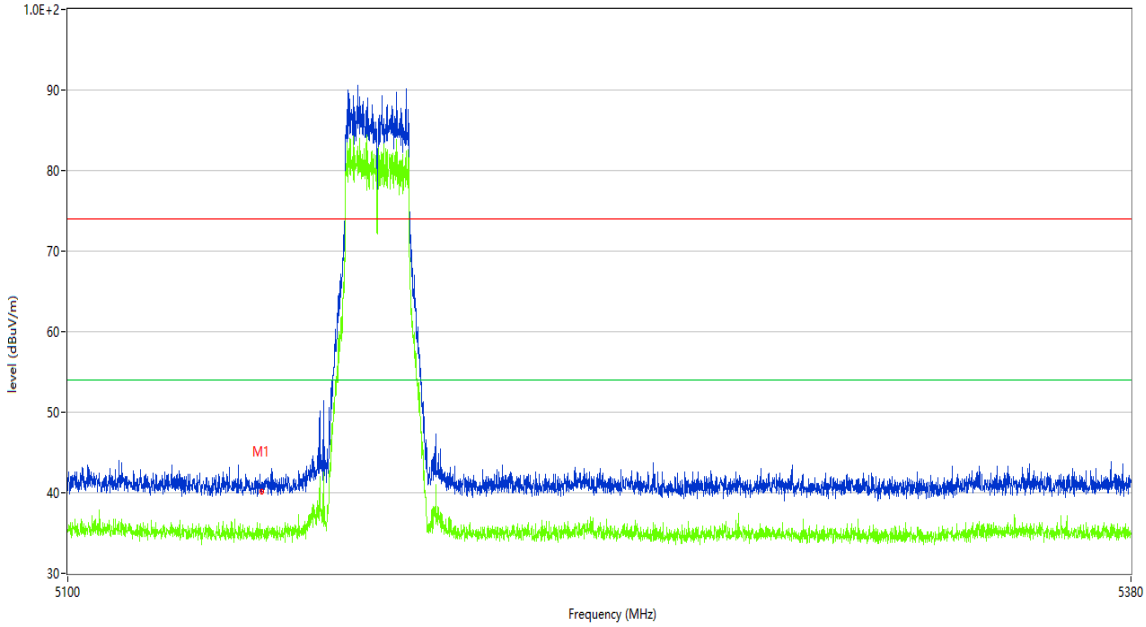
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Vertical

REmission Test case_FCC_Part 15E_FCC 15.407(5G BAND 1)_bandedge



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	40.10	1.71	74.0	-33.90	Peak	235.86	100	V	Pass
1**	5150.000	34.98	1.71	54.0	-19.02	AV	235.86	100	V	Pass

TEST REPORT

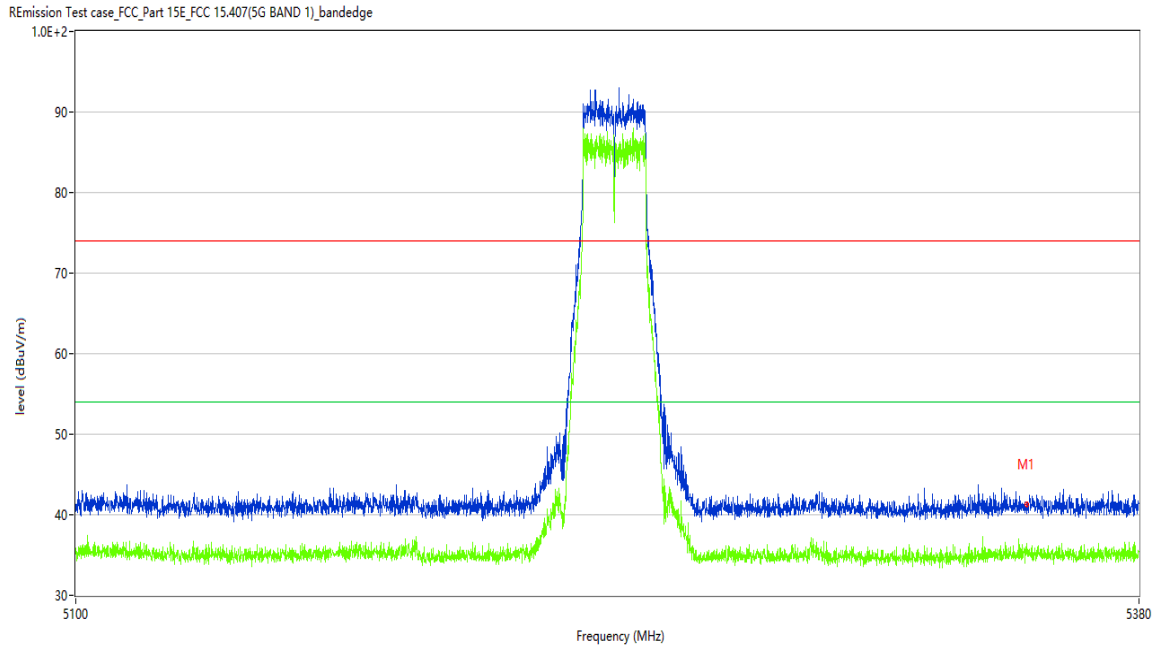
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Figure 131: Band Edge (Restricted-band band-edge), 802.11a, 5240MHz

Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	41.26	1.46	74.0	-32.74	Peak	202.24	100	H	Pass
1**	5350.000	35.14	1.46	54.0	-18.86	AV	202.24	100	H	Pass

TEST REPORT

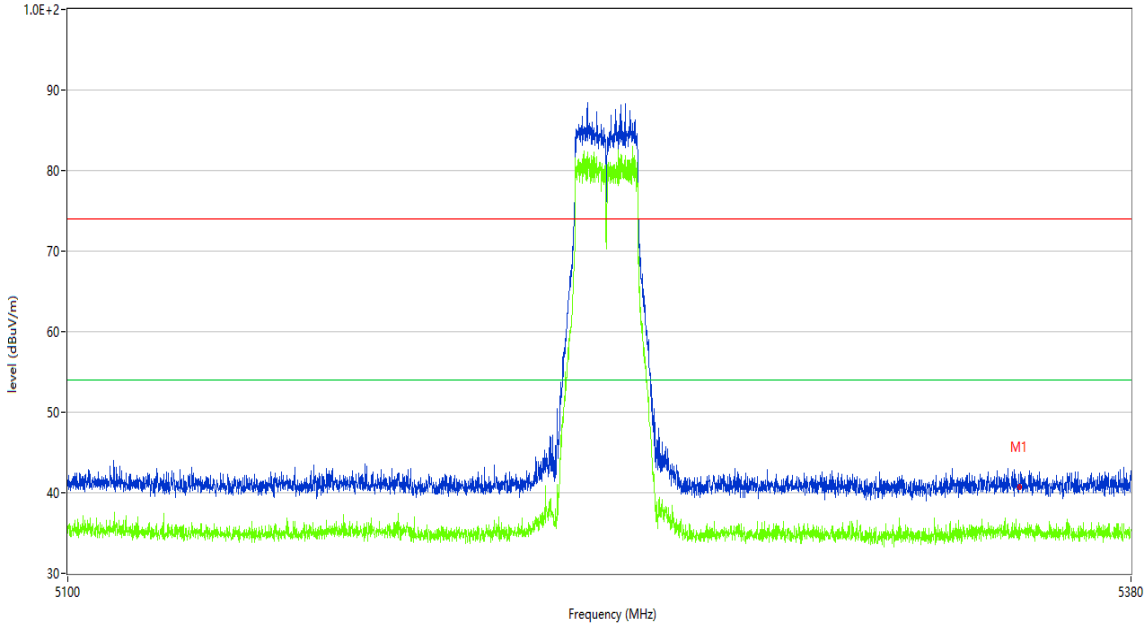
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Vertical

R Emission Test case_FCC_Part 15E_FCC 15.407(5G BAND 1)_bandedge



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	40.73	1.46	74.0	-33.27	Peak	343.25	100	V	Pass
1**	5350.000	34.50	1.46	54.0	-19.50	AV	343.25	100	V	Pass

TEST REPORT

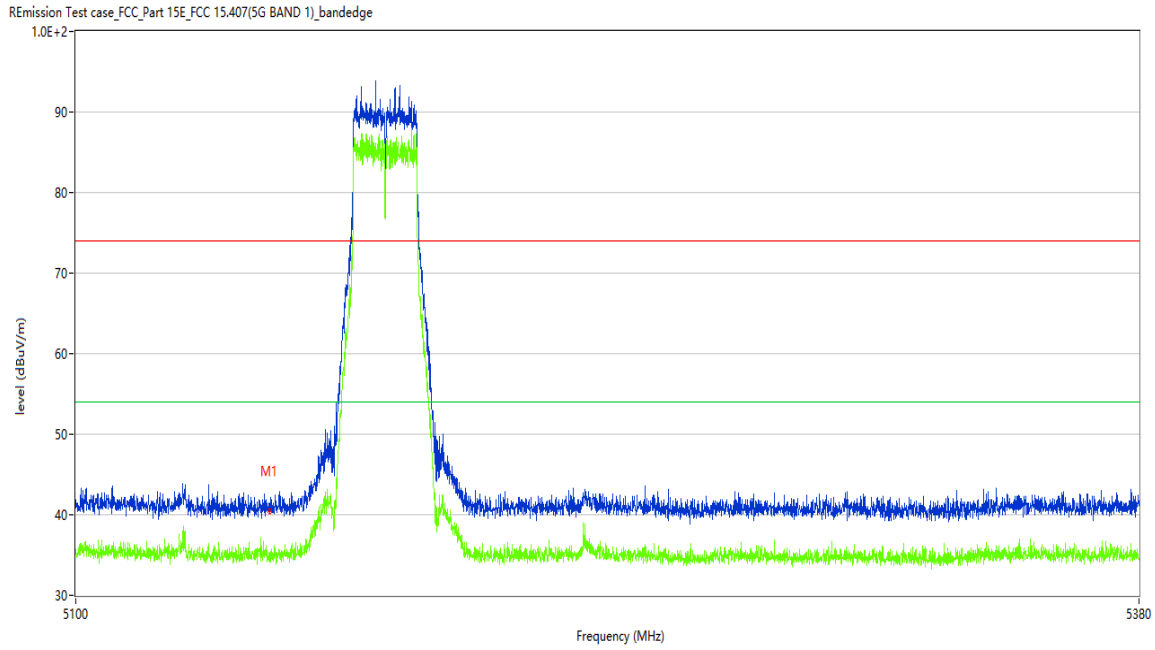
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Figure 132: Band Edge (Restricted-band band-edge), 802.11n(HT20), 5180MHz

Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	40.46	1.71	74.0	-33.54	Peak	74.43	100	H	Pass
1**	5150.000	34.61	1.71	54.0	-19.39	AV	74.43	100	H	Pass

TEST REPORT

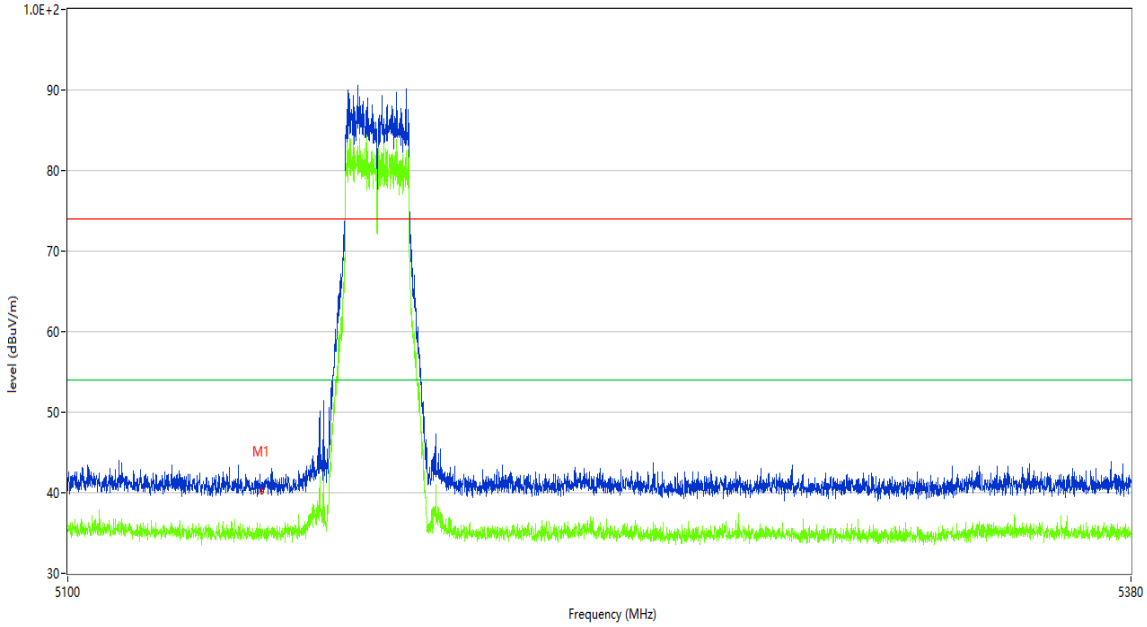
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Vertical

REmission Test case_FCC_Part 15E_FCC 15.407(5G BAND 1)_bandedge



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	40.10	1.71	74.0	-33.90	Peak	235.86	100	V	Pass
1**	5150.000	34.98	1.71	54.0	-19.02	AV	235.86	100	V	Pass

TEST REPORT

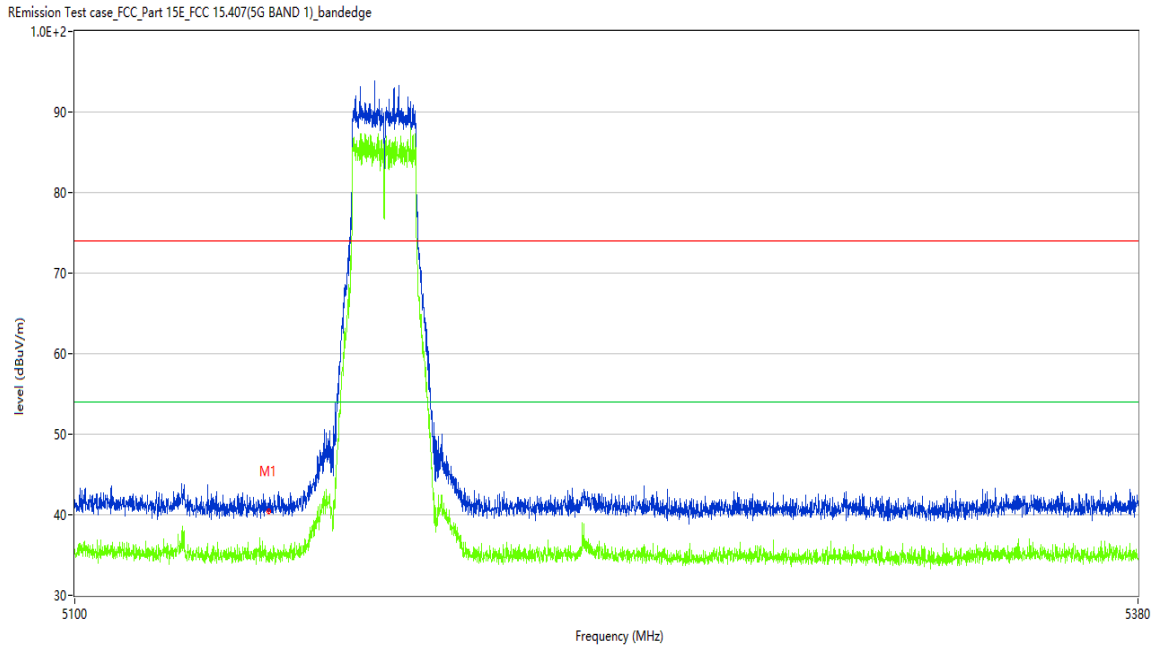
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Figure 133: Band Edge (Restricted-band band-edge), 802.11n(HT20), 5240MHz

Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	40.46	1.71	74.0	-33.54	Peak	74.43	100	H	Pass
1**	5150.000	34.61	1.71	54.0	-19.39	AV	74.43	100	H	Pass

TEST REPORT

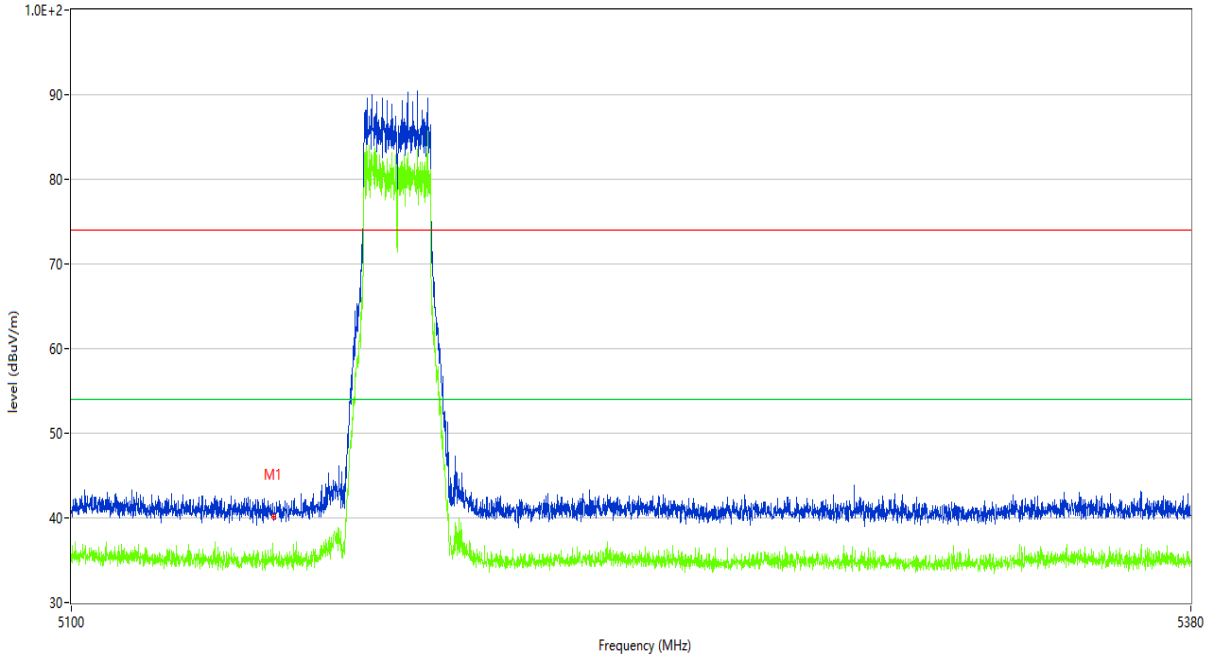
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Vertical

R Emission Test case_FCC_Part 15E_FCC 15.407(5G BAND 1)_bandedge



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	40.12	1.71	74.0	-33.88	Peak	255.93	100	V	Pass
1**	5150.000	35.32	1.71	54.0	-18.68	AV	255.93	100	V	Pass

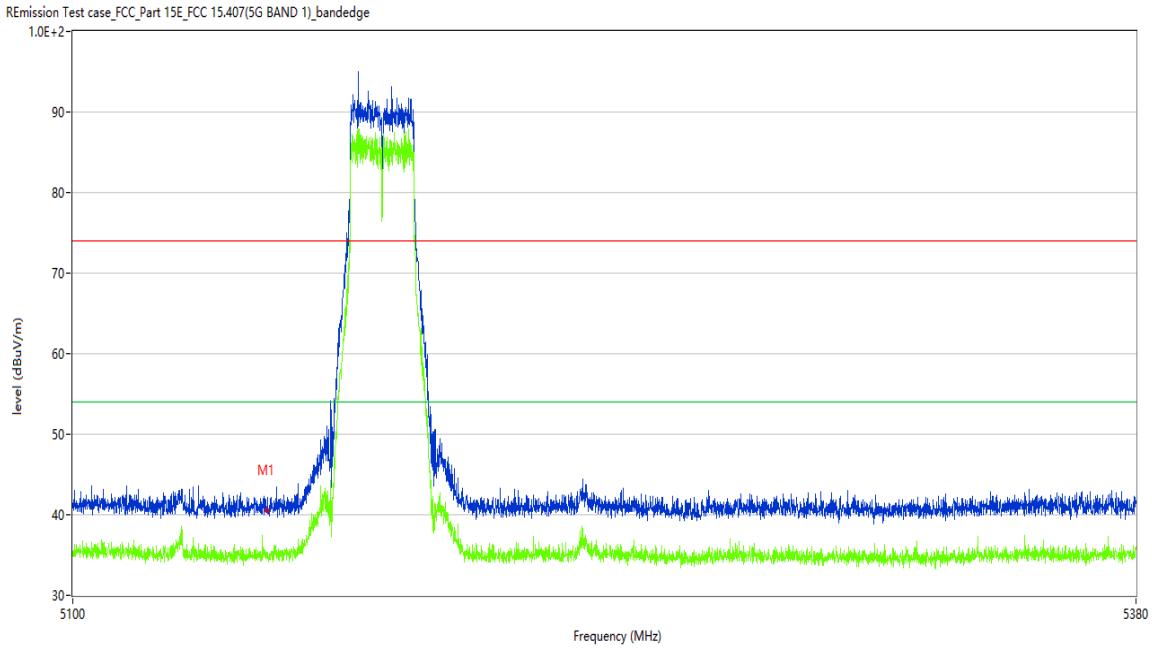
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Figure 134: Band Edge (Restricted-band band-edge), 802.11ac(VHT20), 5180MHz
Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	40.56	1.71	74.0	-33.44	Peak	188.87	100	H	Pass
1**	5150.000	35.09	1.71	54.0	-18.91	AV	188.87	100	H	Pass

TEST REPORT

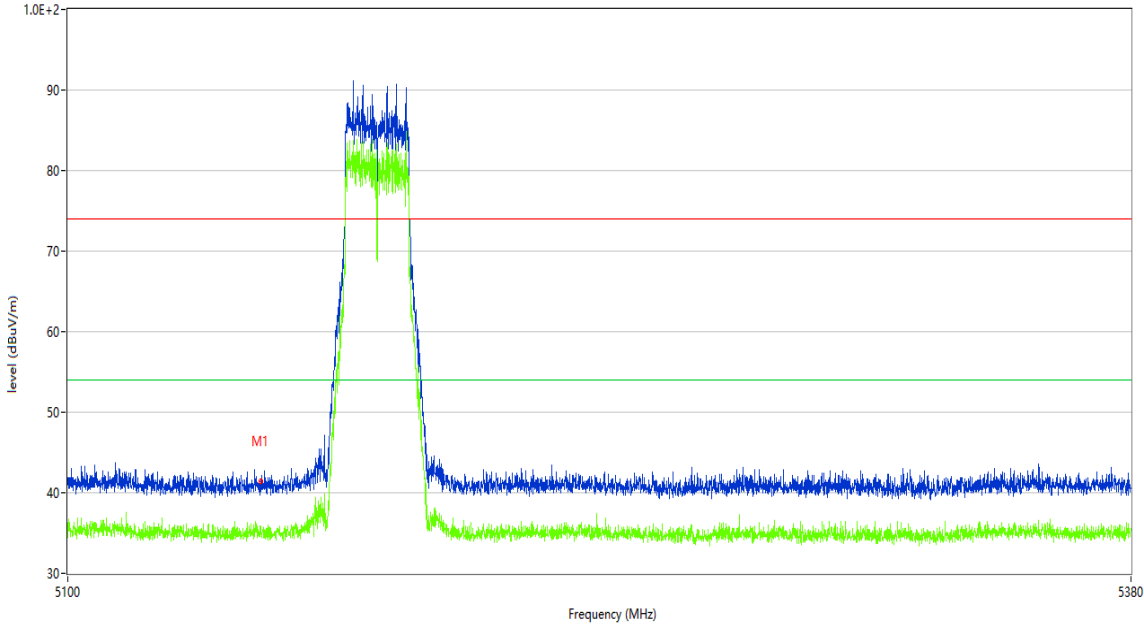
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Vertical

REmission Test case_FCC_Part 15E_FCC 15.407(5G BAND 1)_bandedge



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	41.30	1.71	74.0	-32.70	Peak	175.39	100	V	Pass
1**	5150.000	34.64	1.71	54.0	-19.36	AV	175.39	100	V	Pass

TEST REPORT

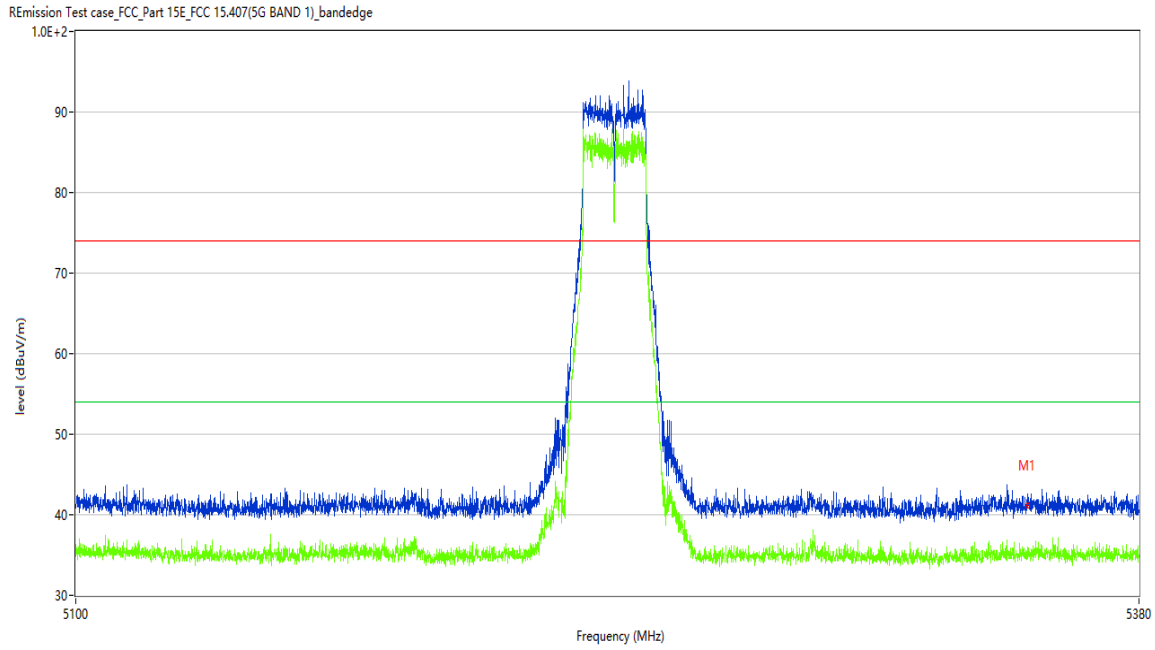
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Figure 135: Band Edge (Restricted-band band-edge), 802.11ac(VHT20), 5240MHz

Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	41.11	1.46	74.0	-32.89	Peak	217.45	100	H	Pass
1**	5350.000	34.65	1.46	54.0	-19.35	AV	217.45	100	H	Pass

TEST REPORT

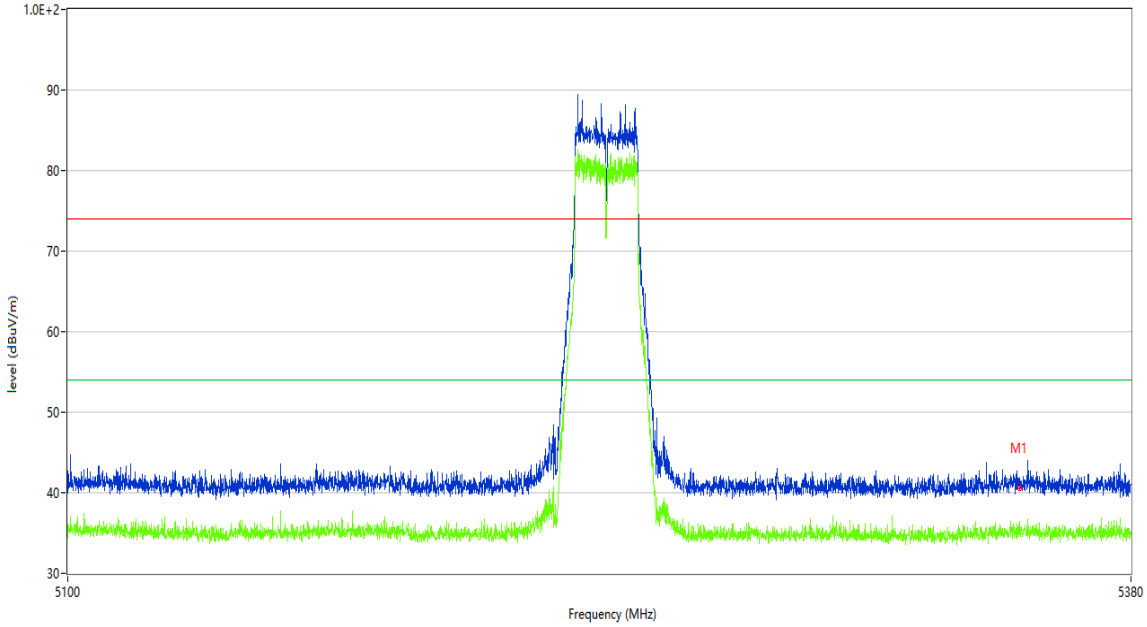
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Vertical

R Emission Test case_FCC_Part 15E_FCC 15.407(5G BAND 1)_bandedge



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	40.59	1.46	74.0	-33.41	Peak	138.00	100	V	Pass
1**	5350.000	34.96	1.46	54.0	-19.04	AV	138.00	100	V	Pass

TEST REPORT

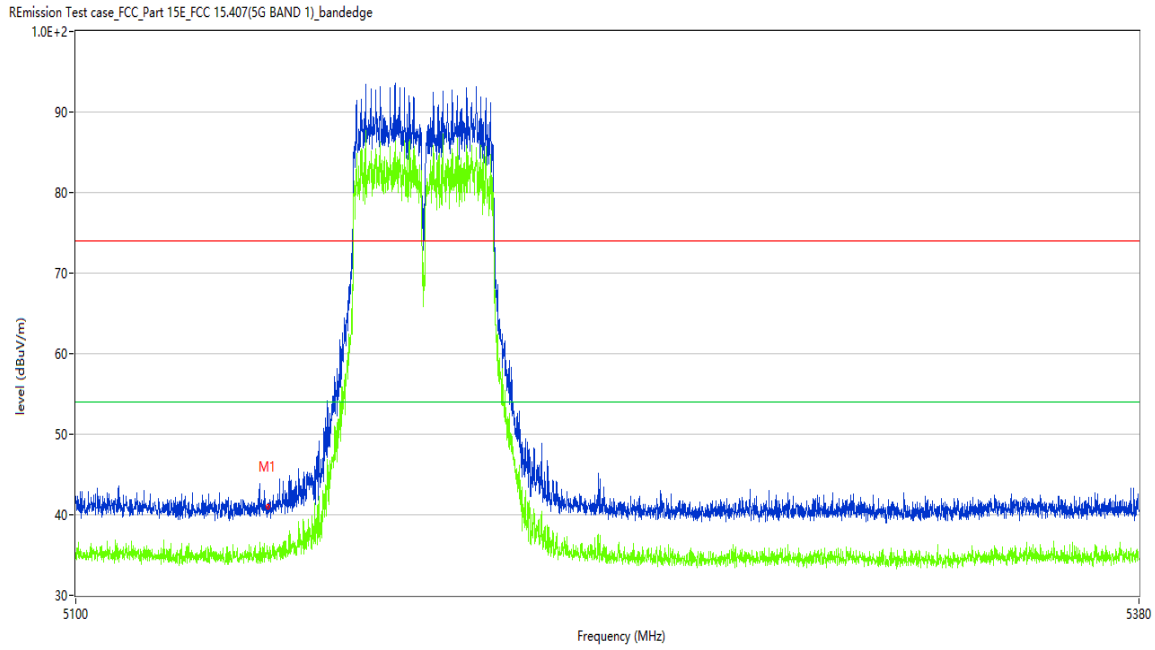
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Figure 136: Band Edge (Restricted-band band-edge), 802.11n(HT40), 5190MHz

Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	41.11	1.71	74.0	-32.89	Peak	217.13	100	H	Pass
1**	5150.000	34.98	1.71	54.0	-19.02	AV	217.13	100	H	Pass

TEST REPORT

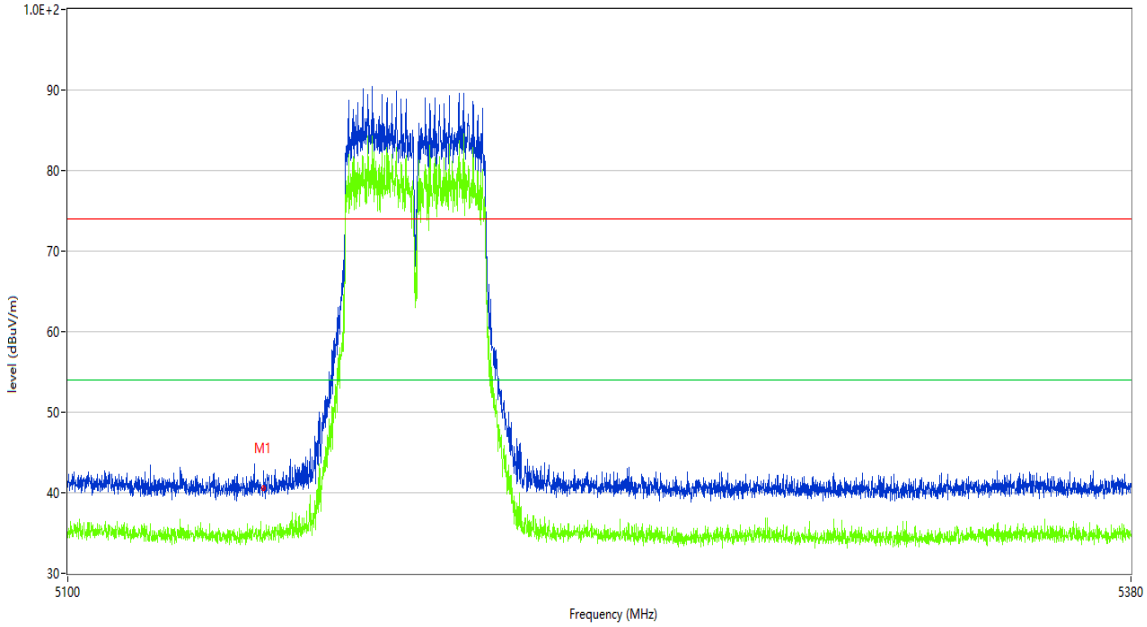
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Vertical

R Emission Test case_FCC_Part 15E_FCC 15.407(5G BAND 1)_bandedge



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	40.04	1.71	74.0	-33.96	Peak	272.49	100	V	Pass
1**	5150.000	34.19	1.71	54.0	-19.81	AV	272.49	100	V	Pass

TEST REPORT

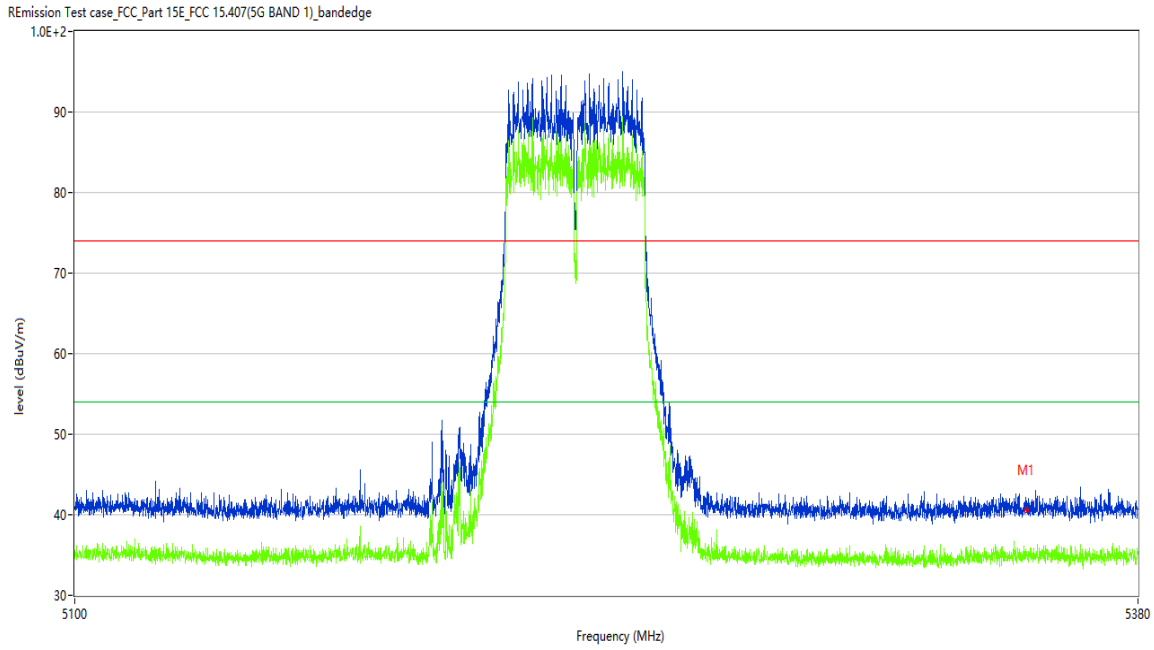
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Figure 137: Band Edge (Restricted-band band-edge), 802.11n(HT40), 5230MHz

Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	40.56	1.46	74.0	-33.44	Peak	334.07	100	H	Pass
1**	5350.000	35.06	1.46	54.0	-18.94	AV	334.07	100	H	Pass

TEST REPORT

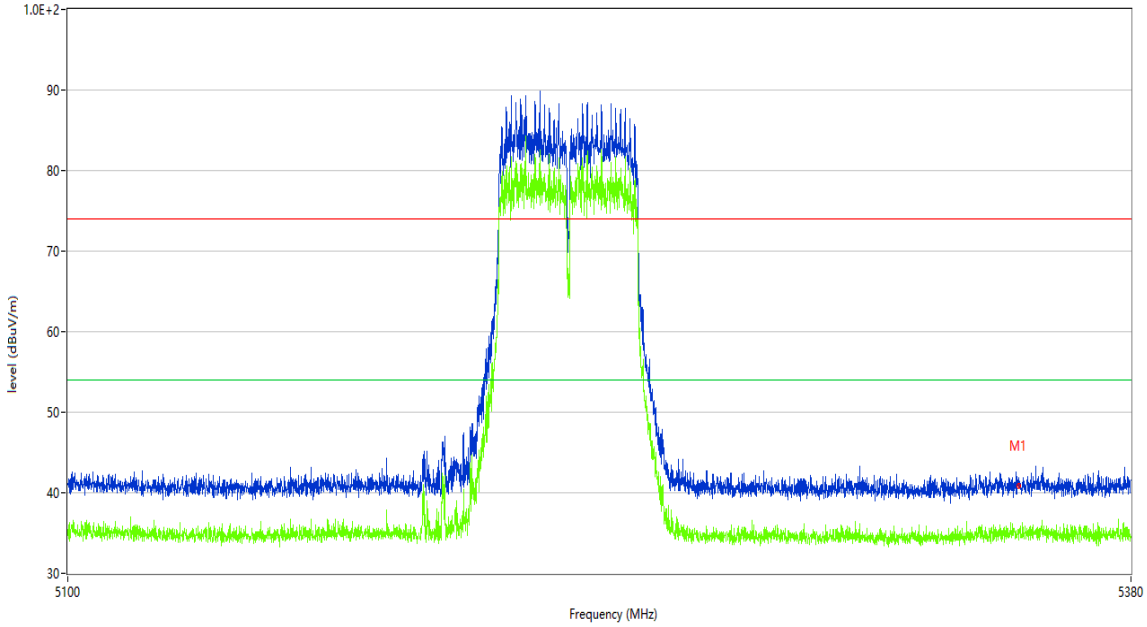
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Vertical

R Emission Test case_FCC_Part 15E_FCC 15.407(5G BAND 1)_bandedge



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	40.60	1.46	74.0	-33.40	Peak	81.92	100	V	Pass
1**	5350.000	35.44	1.46	54.0	-18.56	AV	81.92	100	V	Pass

TEST REPORT

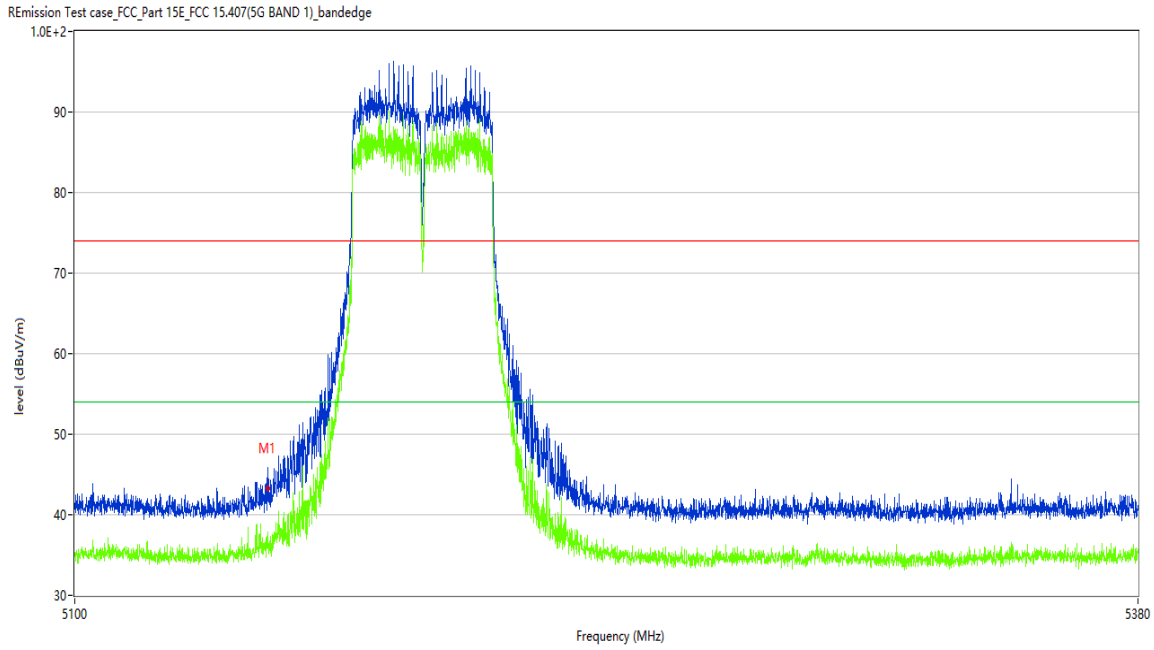
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Figure 138: Band Edge (Restricted-band band-edge), 802.11ac(VHT40), 5190MHz

Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	43.47	1.71	74.0	-30.53	Peak	293.77	100	H	Pass
1**	5150.000	36.08	1.71	54.0	-17.92	AV	293.77	100	H	Pass

TEST REPORT

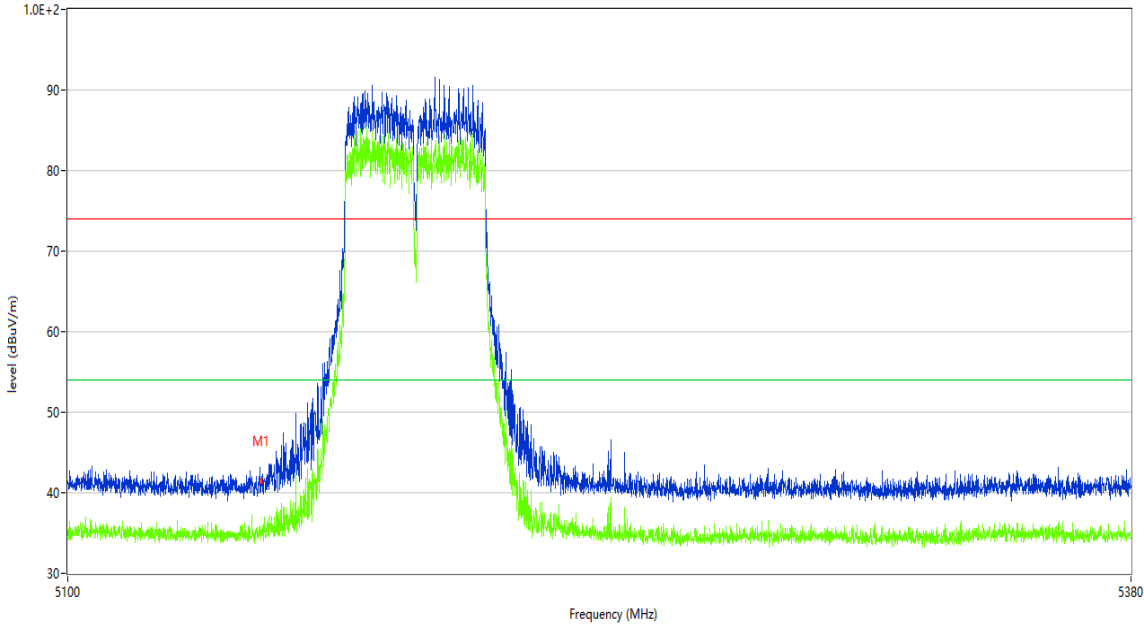
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Vertical

R Emission Test case_FCC_Part 15E_FCC 15.407(5G BAND 1)_bandedge



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	41.27	1.71	74.0	-32.73	Peak	47.55	100	V	Pass
1**	5150.000	35.43	1.71	54.0	-18.57	AV	47.55	100	V	Pass

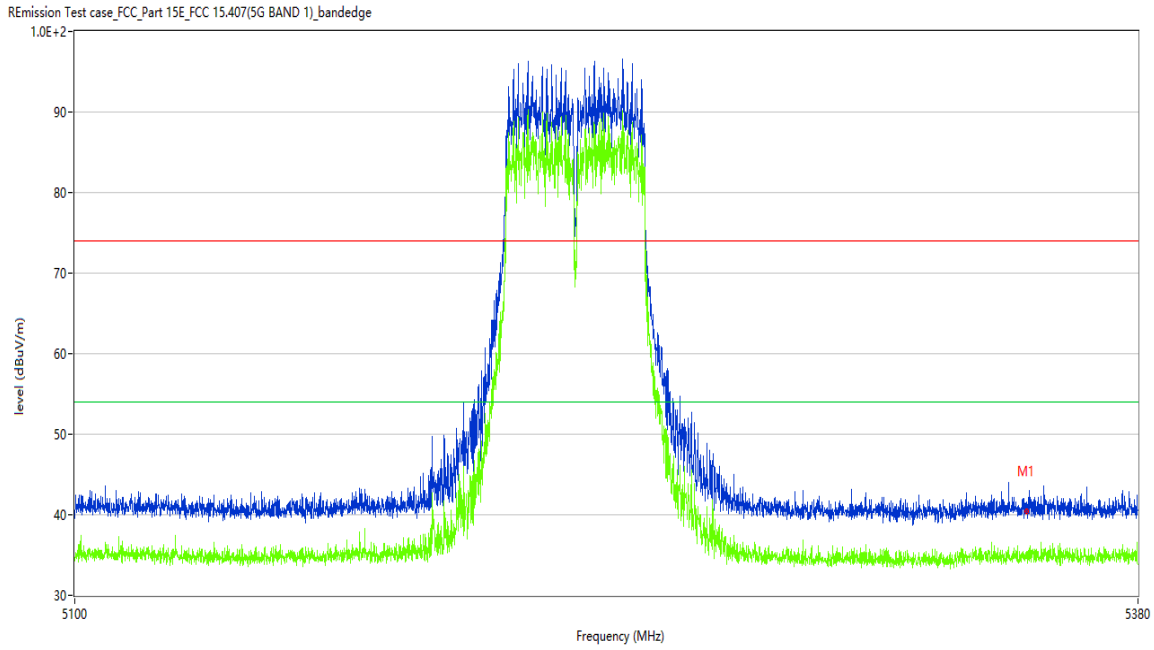
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Figure 139: Band Edge (Restricted-band band-edge), 802.11ac(VHT40), 5230MHz
Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	40.46	1.46	74.0	-33.54	Peak	285.78	100	H	Pass
1**	5350.000	34.38	1.46	54.0	-19.62	AV	285.78	100	H	Pass

TEST REPORT

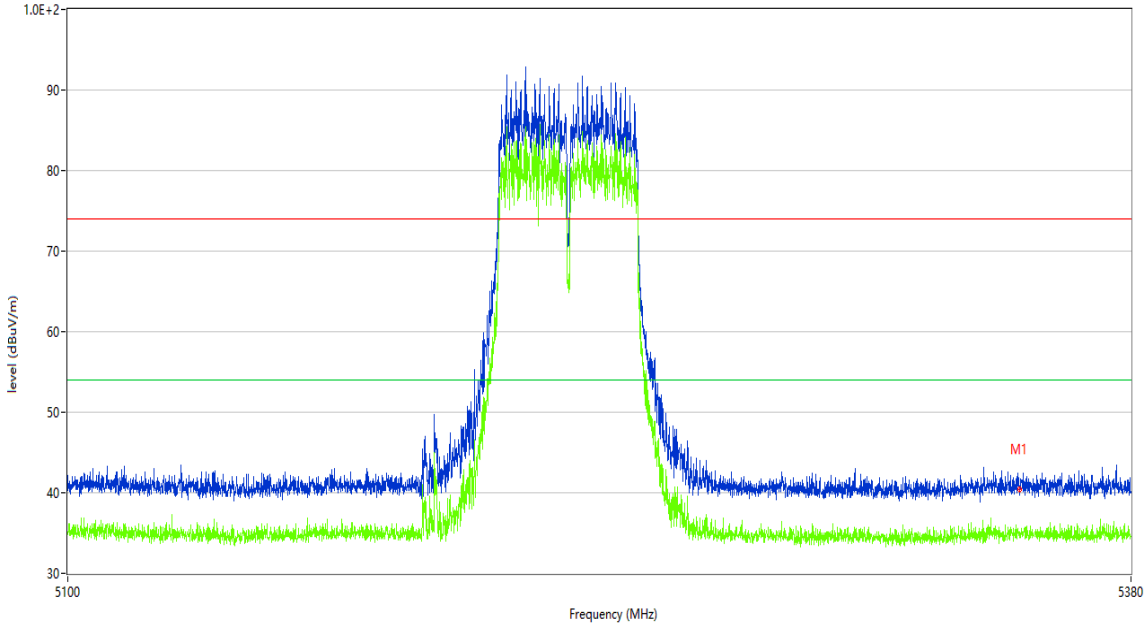
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Vertical

R Emission Test case_FCC_Part 15E_FCC 15.407(5G BAND 1)_bandedge



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	40.50	1.46	74.0	-33.50	Peak	110.08	100	V	Pass
1**	5350.000	34.48	1.46	54.0	-19.52	AV	110.08	100	V	Pass

TEST REPORT

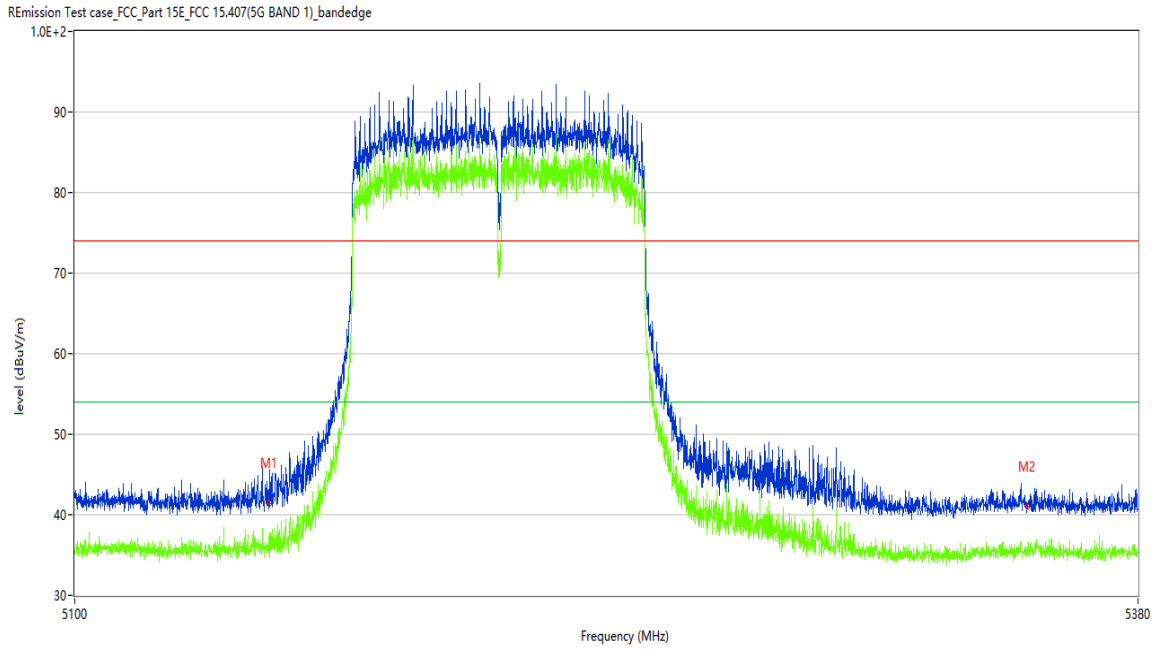
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Figure 140: Band Edge (Restricted-band band-edge), 802.11ac(VHT80), 5210MHz

Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	41.59	1.71	74.0	-32.41	Peak	185.03	100	H	Pass
1**	5150.000	36.52	1.71	54.0	-17.48	AV	185.03	100	H	Pass
2	5350.000	40.72	1.46	74.0	-33.28	Peak	173.44	100	H	Pass
2**	5350.000	35.49	1.46	54.0	-18.51	AV	173.44	100	H	Pass

TEST REPORT

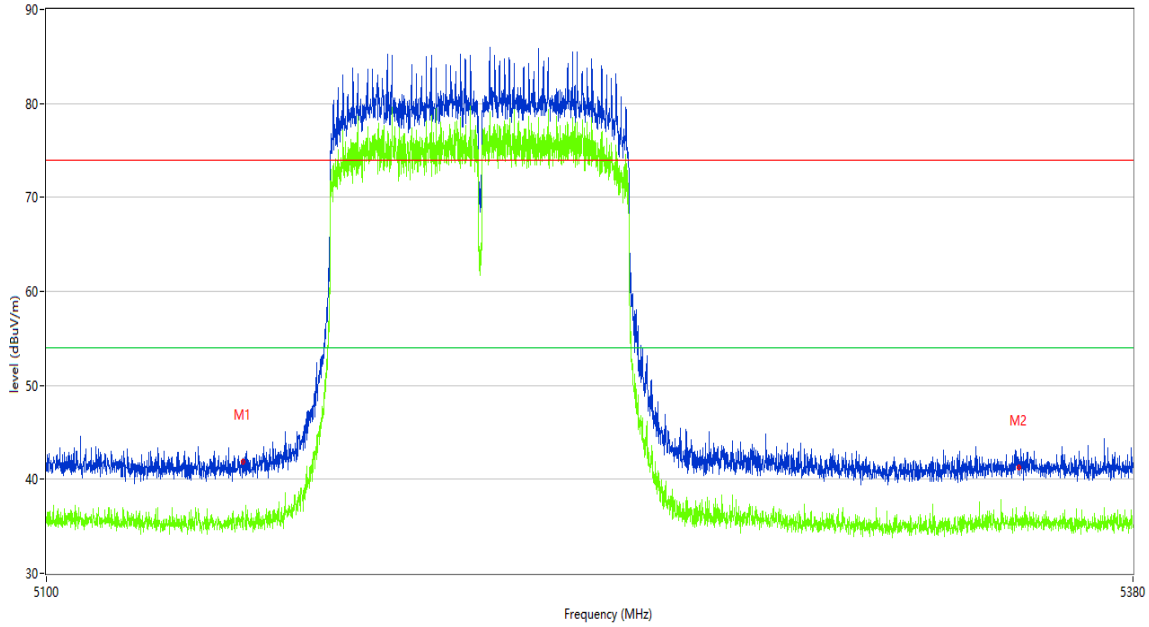
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Vertical

R Emission Test case_FCC_Part 15E_FCC 15.407(5G BAND 1)_bandedge



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	41.62	1.71	74.0	-32.38	Peak	247.10	100	V	Pass
1**	5150.000	35.24	1.71	54.0	-18.76	AV	247.10	100	V	Pass
2	5350.000	41.19	1.46	74.0	-32.81	Peak	182.10	100	V	Pass
2**	5350.000	35.09	1.46	54.0	-18.91	AV	182.10	100	V	Pass

TEST REPORT

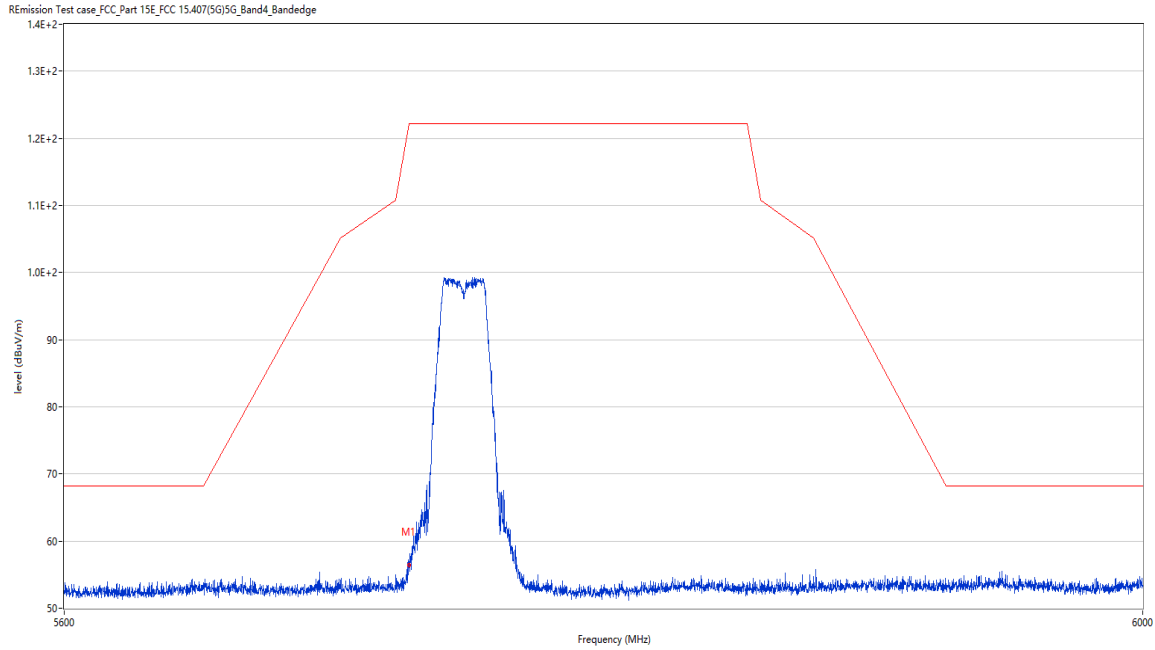
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Figure 141: Band Edge (Restricted-band band-edge), 802.11a, 5745MHz

Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	56.16	2.16	122.2	-66.04	Peak	237.79	100	H	Pass

TEST REPORT

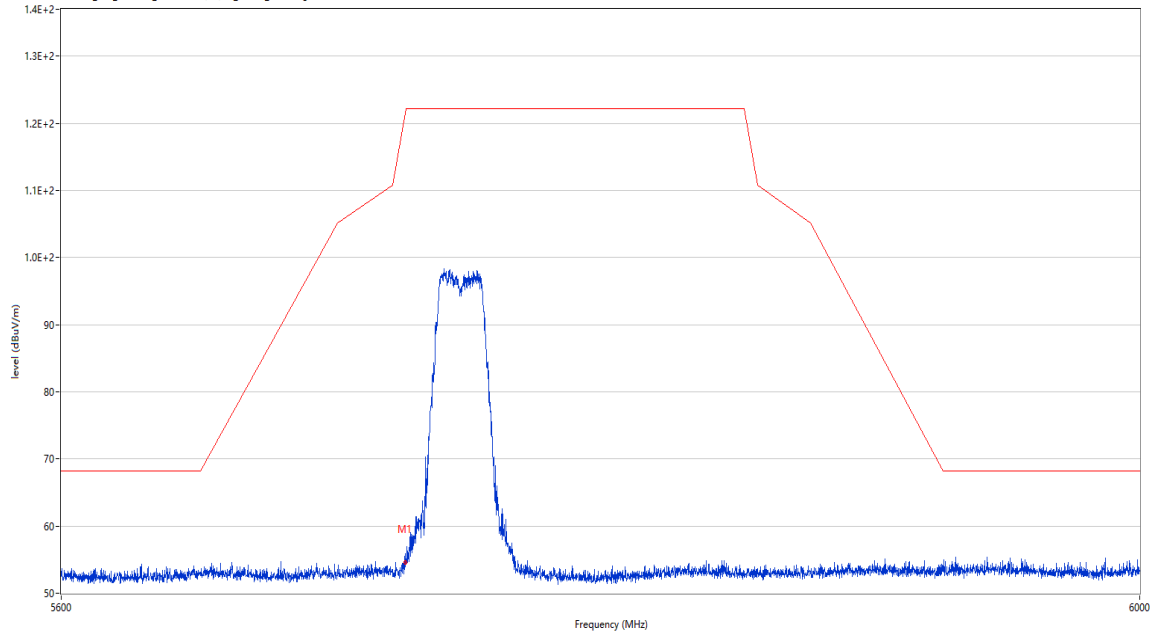
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Vertical

REmission Test case_FCC_Part 15E_FCC 15.407(5G)5G_Band4_Bandedge



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	54.72	2.16	122.2	-67.48	Peak	297.24	100	V	Pass

TEST REPORT

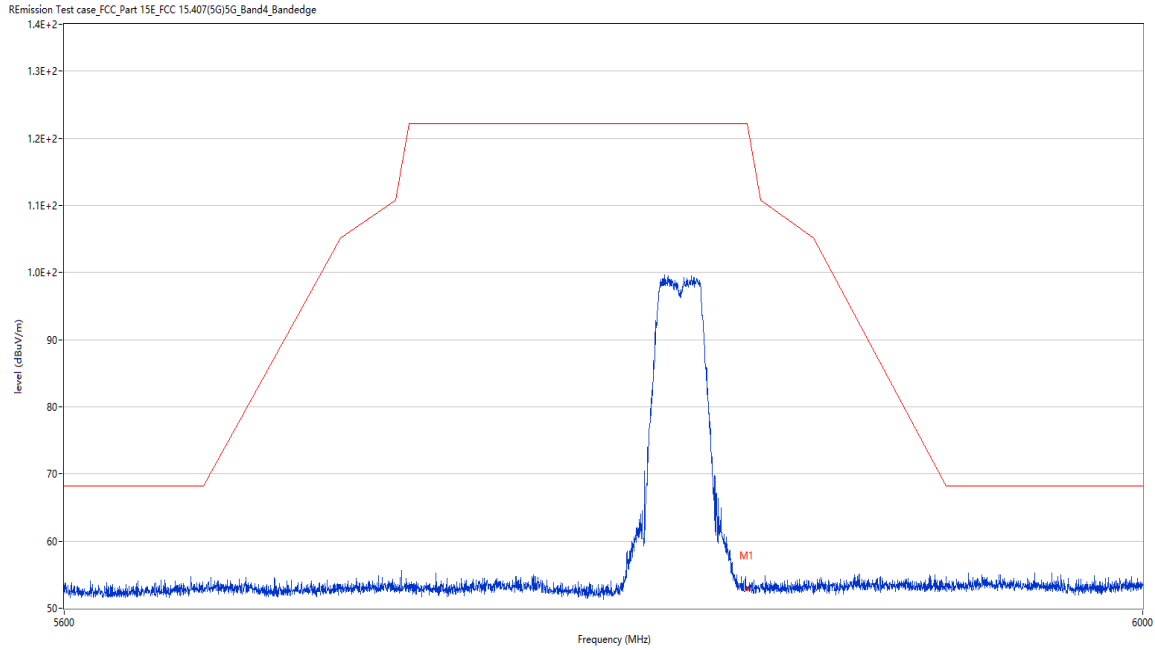
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Figure 142: Band Edge (Restricted-band band-edge), 802.11a, 5825MHz

Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5850.000	52.95	2.16	122.2	-69.25	Peak	220.12	100	H	Pass

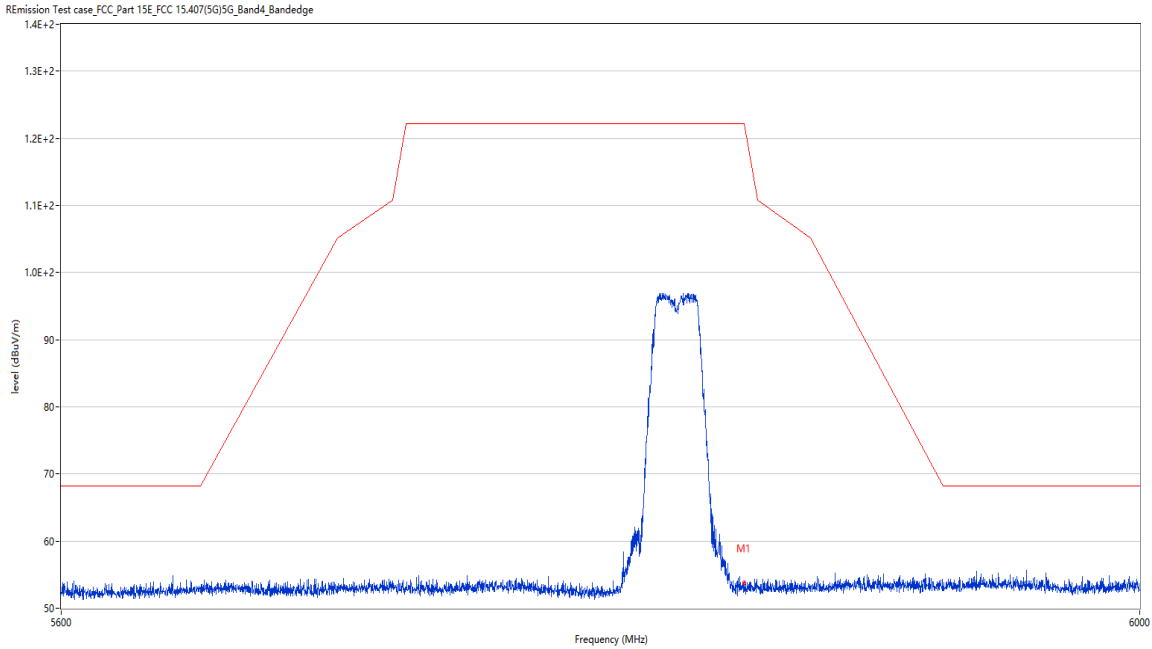
TEST REPORT

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Vertical



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5850.000	53.59	2.16	122.2	-68.61	Peak	212.59	100	V	Pass

TEST REPORT

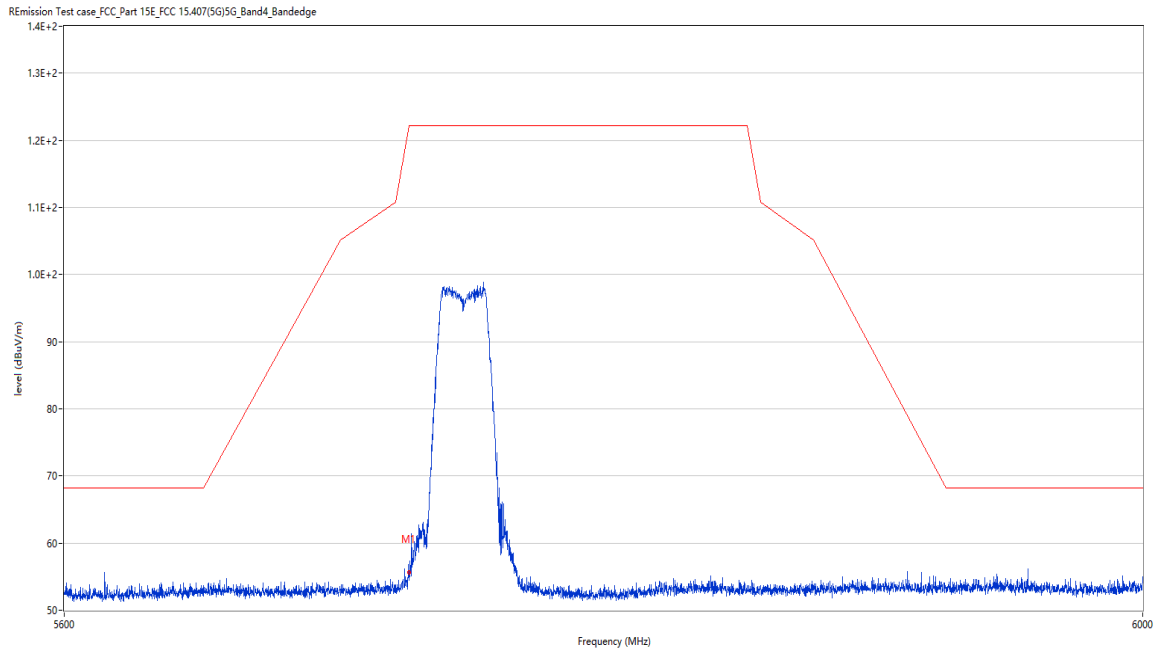
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Figure 143: Band Edge (Restricted-band band-edge), 802.11n(HT20), 5745MHz

Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	54.94	2.16	122.2	-67.26	Peak	192.21	100	H	Pass

TEST REPORT

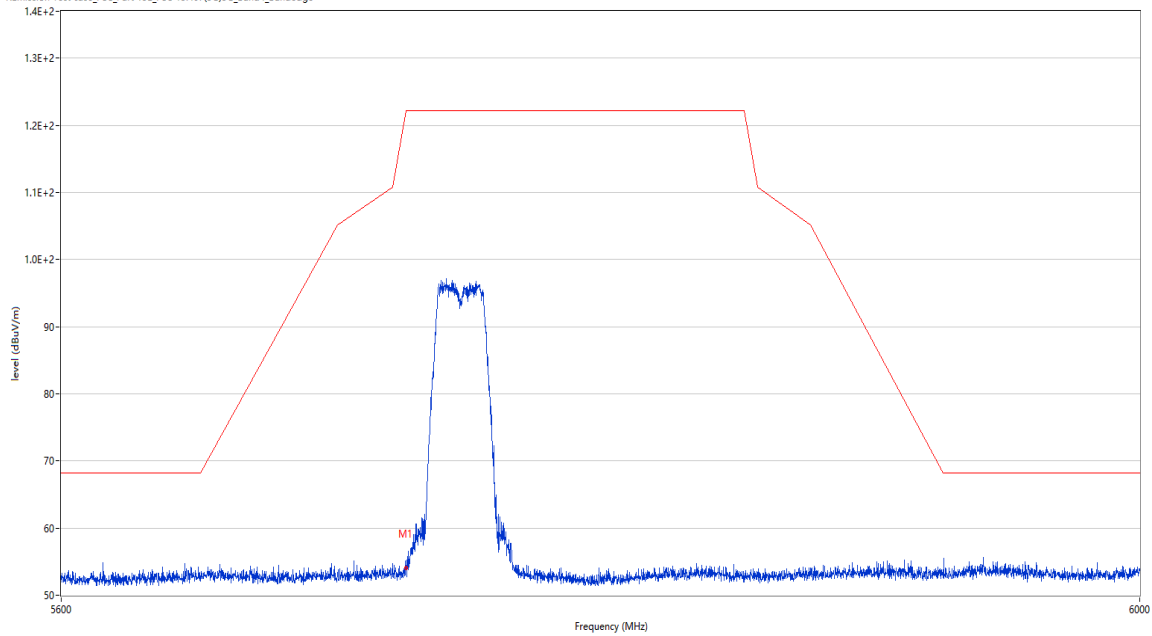
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REmission Test case_FCC_Part 15E_FCC 15.407(5G)5G_Band4_Bandedge



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	54.26	2.16	122.2	-67.94	Peak	283.88	100	V	Pass

TEST REPORT

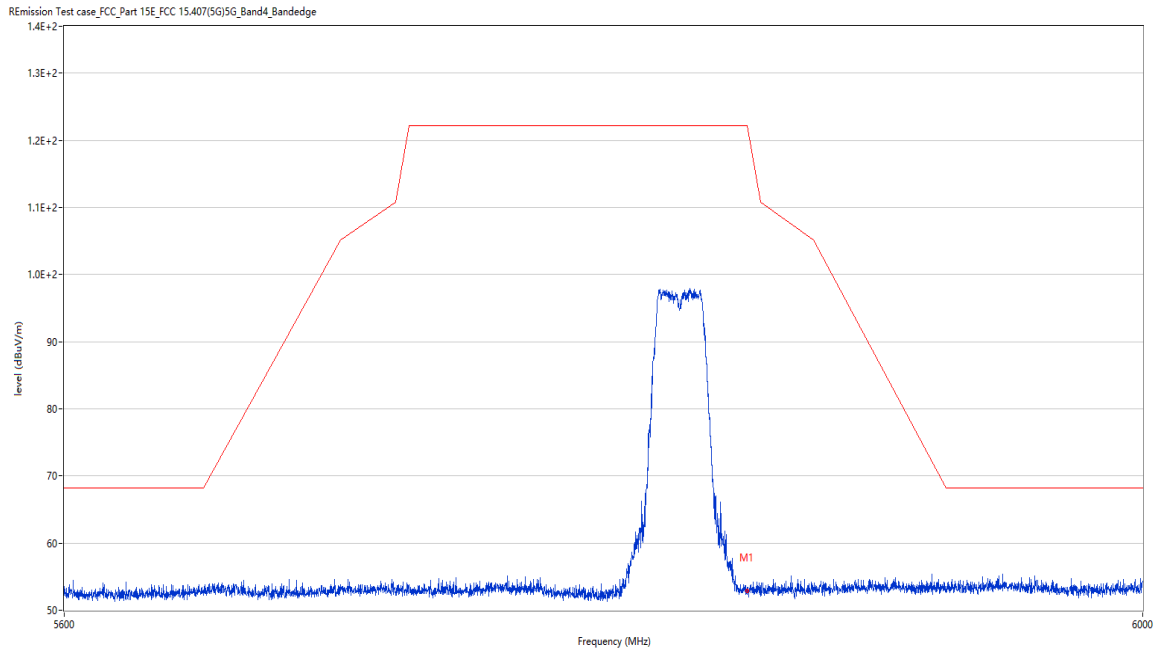
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Figure 144: Band Edge (Restricted-band band-edge), 802.11n(HT20), 5825MHz

Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5850.000	52.74	2.16	122.2	-69.46	Peak	233.75	100	H	Pass

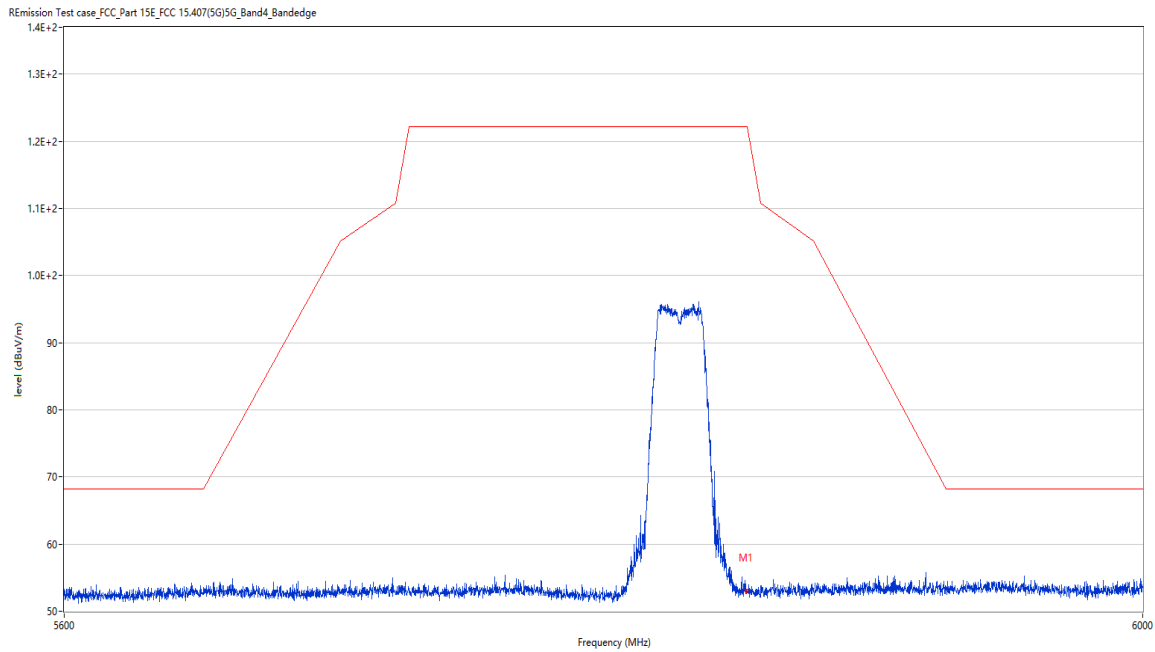
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Vertical



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5850.000	53.00	2.16	122.2	-69.20	Peak	319.96	100	V	Pass

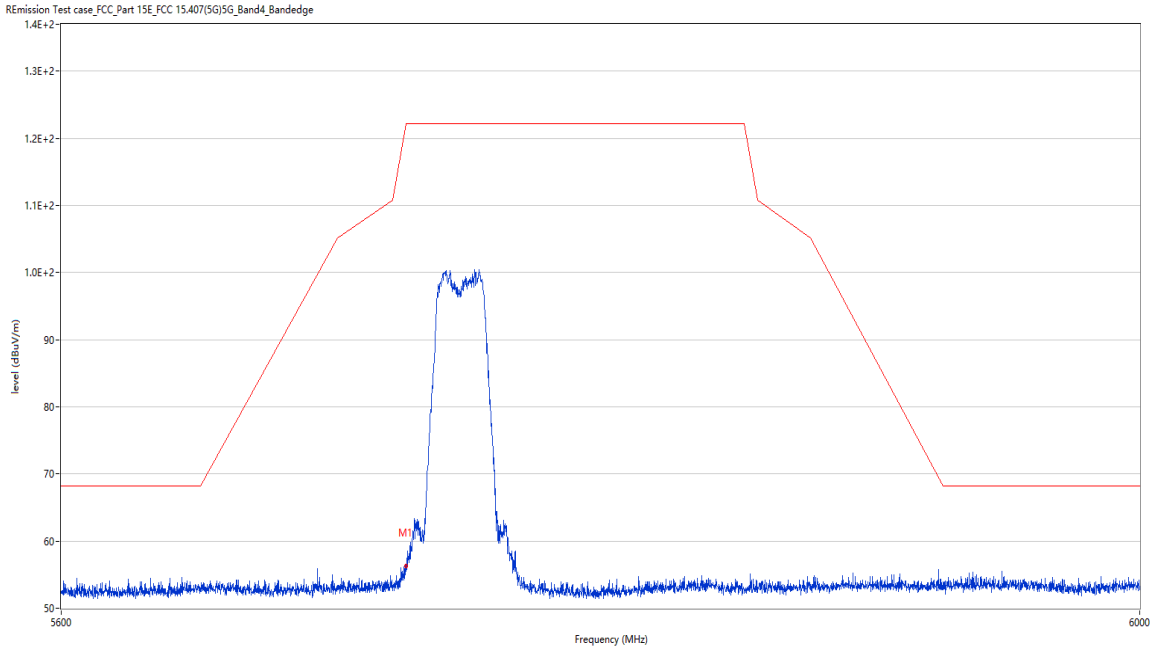
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Figure 145: Band Edge (Restricted-band band-edge), 802.11ac(VHT20), 5745MHz
Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	56.15	2.16	122.2	-66.05	Peak	153.26	100	H	Pass

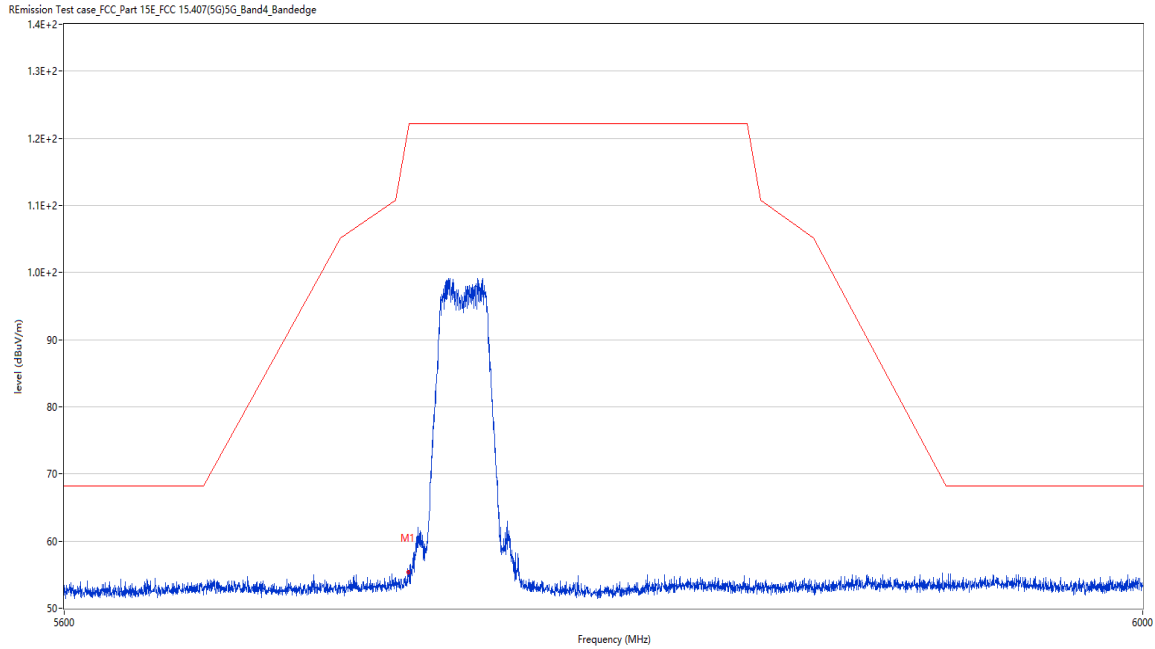
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No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	55.44	2.16	122.2	-66.76	Peak	227.24	100	V	Pass

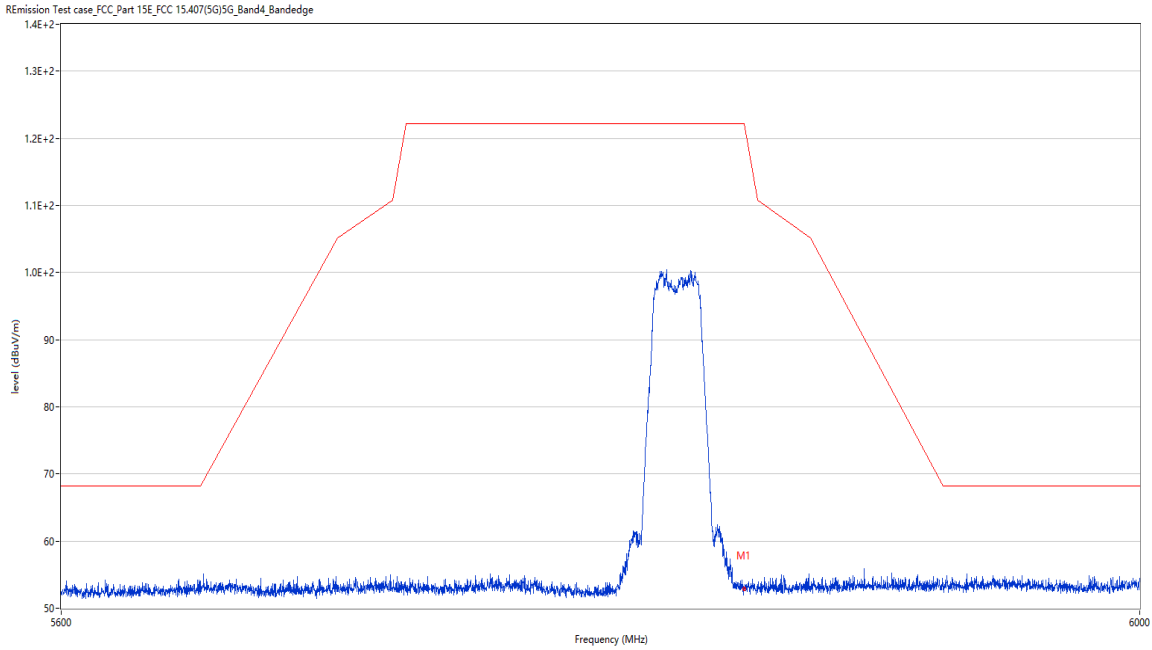
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Figure 146: Band Edge (Restricted-band band-edge), 802.11ac(VHT20), 5825MHz
Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5850.000	52.99	2.16	122.2	-69.21	Peak	239.38	100	H	Pass

TEST REPORT

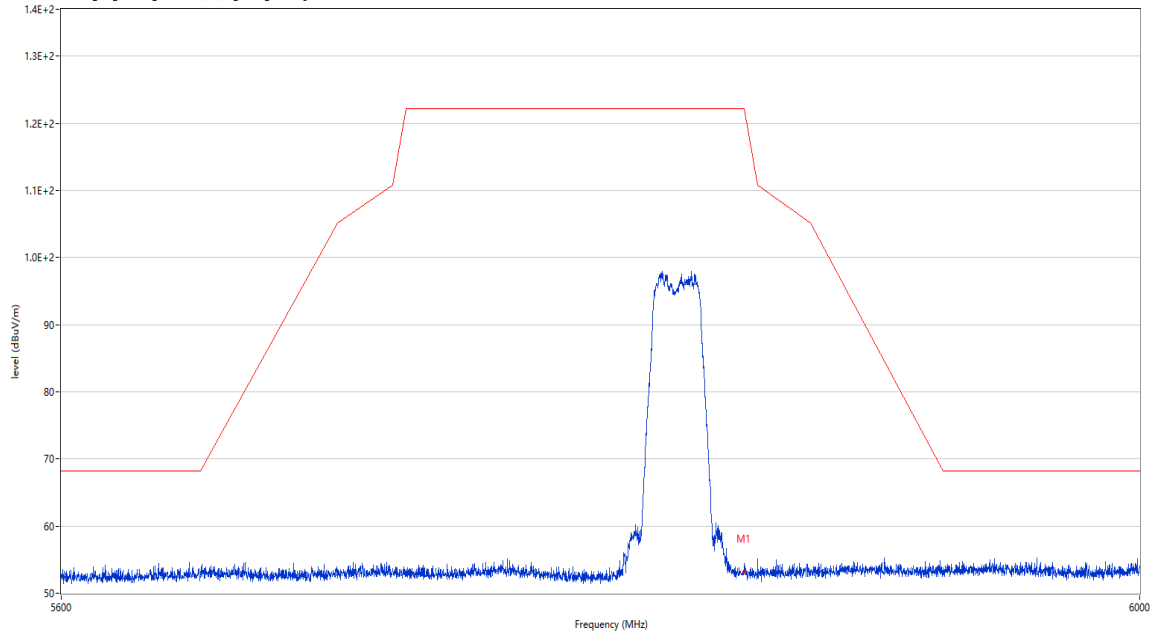
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REmission Test case_FCC_Part 15E_FCC 15.407(5G)5G_Band4_Bandedge



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5850.000	53.15	2.16	122.2	-69.05	Peak	163.70	100	V	Pass

TEST REPORT

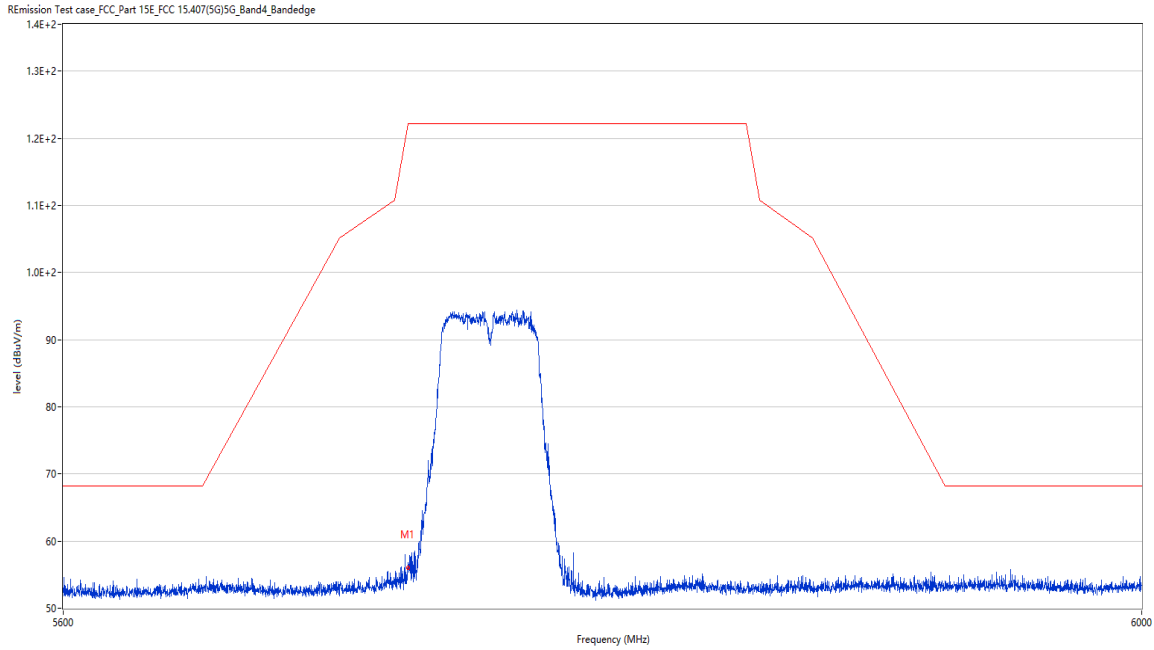
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Figure 147: Band Edge (Restricted-band band-edge), 802.11n(HT40), 5755MHz

Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	56.14	2.16	122.2	-66.06	Peak	269.07	100	V	Pass

TEST REPORT

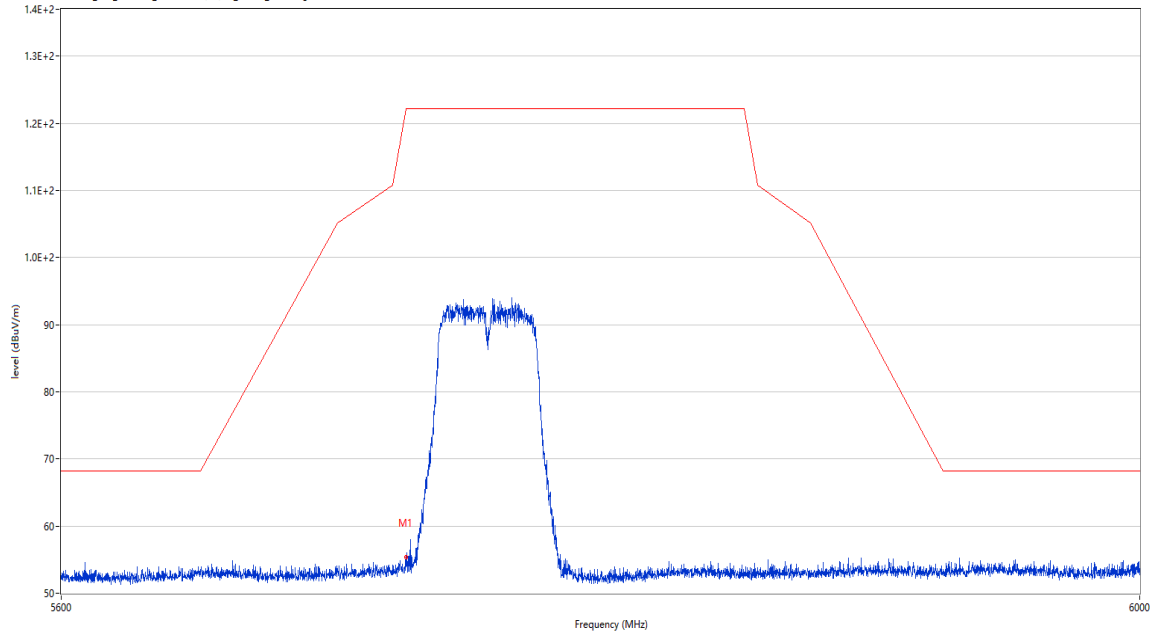
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REmission Test case_FCC_Part 15E_FCC 15.407(5G)5G_Band4_Bandedge



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	55.56	2.16	122.2	-66.64	Peak	137.80	100	V	Pass

TEST REPORT

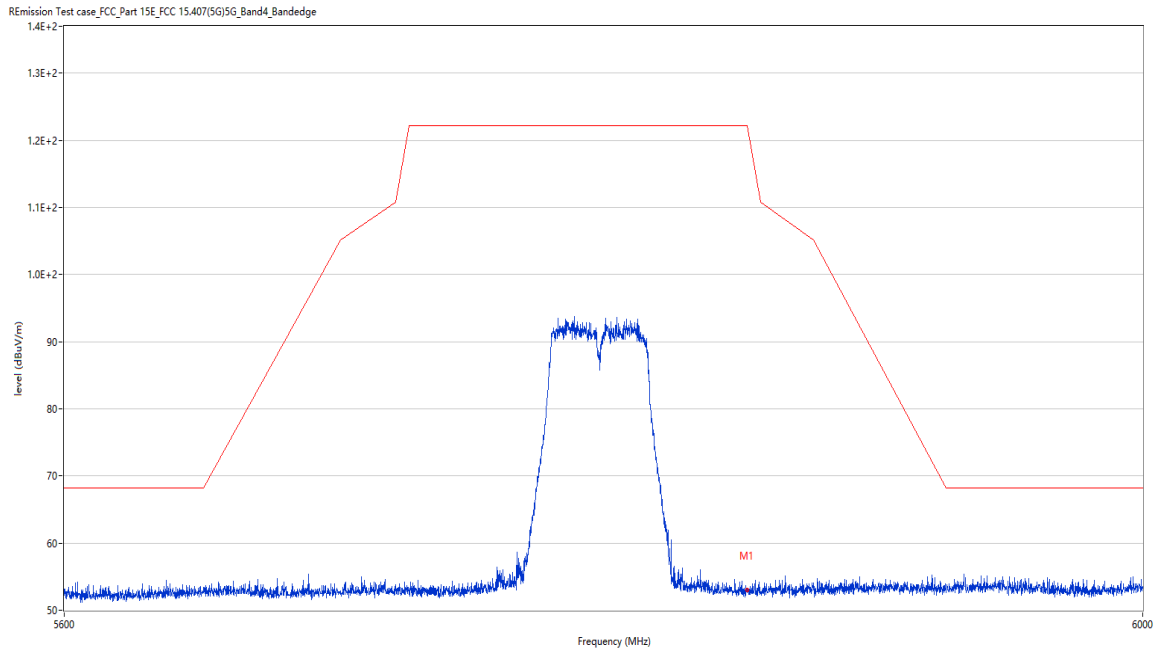
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Figure 148: Band Edge (Restricted-band band-edge), 802.11n(HT40), 5795MHz

Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5850.000	52.93	2.16	122.2	-69.27	Peak	40.08	100	H	Pass

TEST REPORT

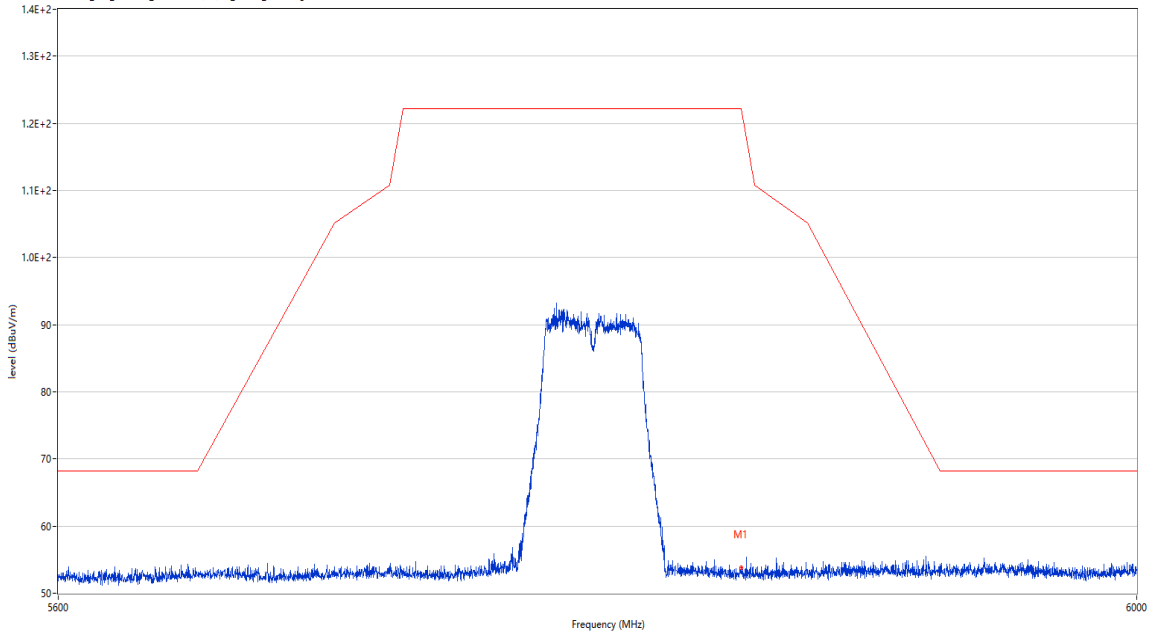
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REmission Test case_FCC_Part 15E_FCC 15.407(5G)5G_Band4_Bandedge



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5850.000	53.53	2.16	122.2	-68.67	Peak	140.39	100	V	Pass

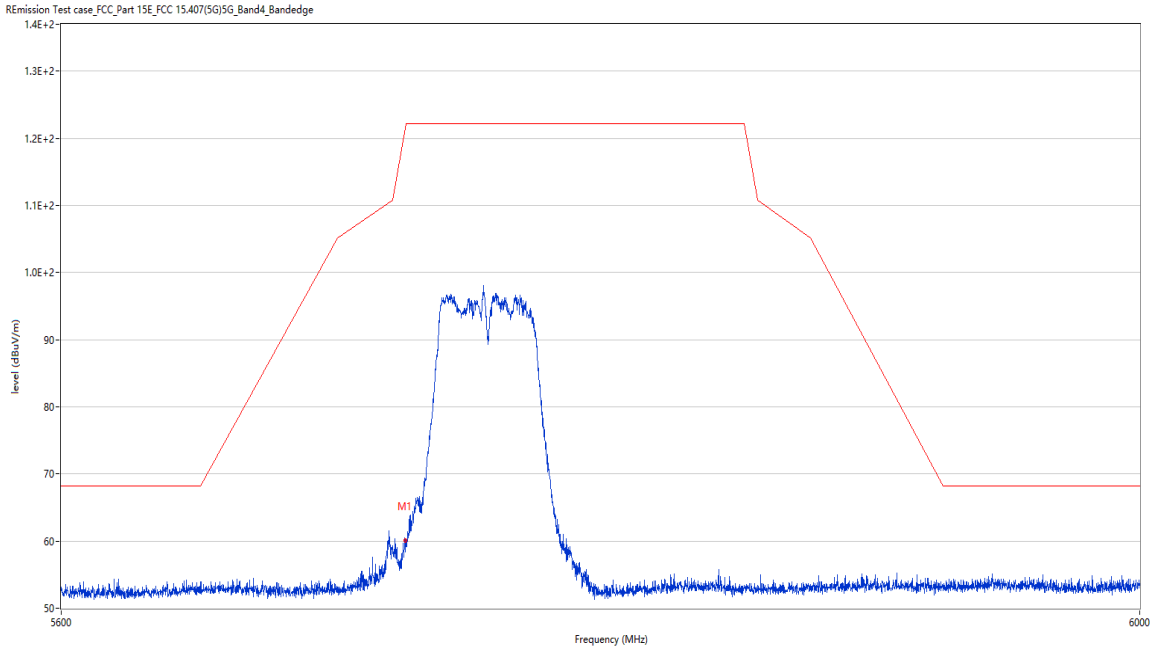
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Figure 149: Band Edge (Restricted-band band-edge), 802.11ac(VHT40), 5755MHz
Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	60.14	2.16	122.2	-62.06	Peak	177.06	100	H	Pass

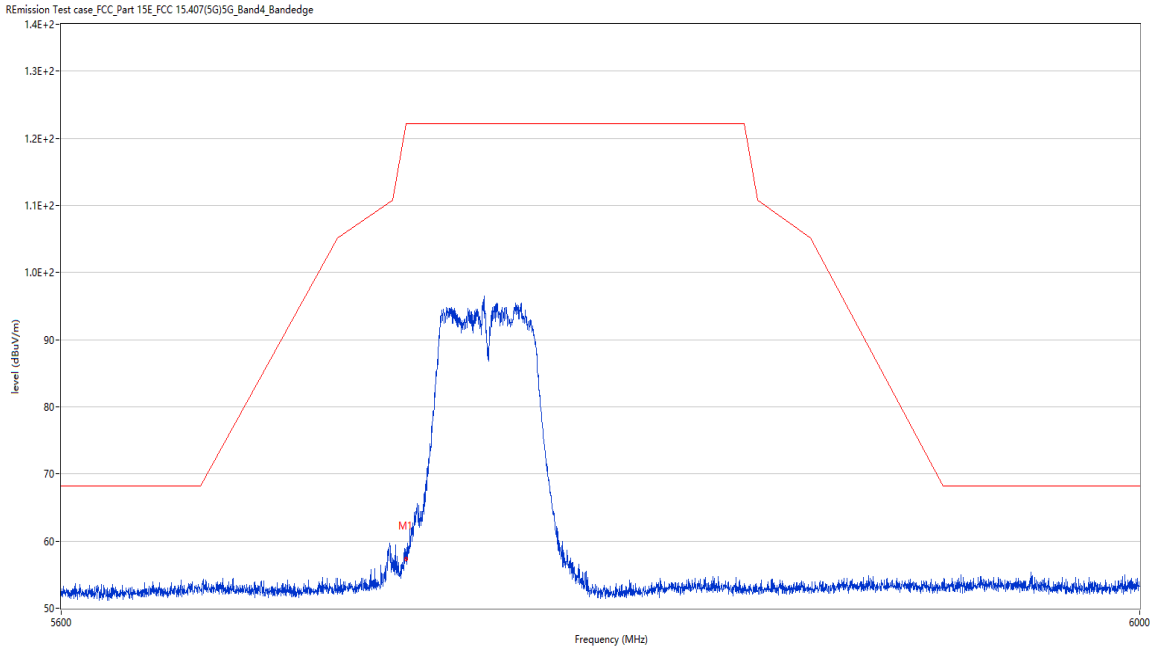
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Vertical



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	57.08	2.16	122.2	-65.12	Peak	169.68	100	V	Pass

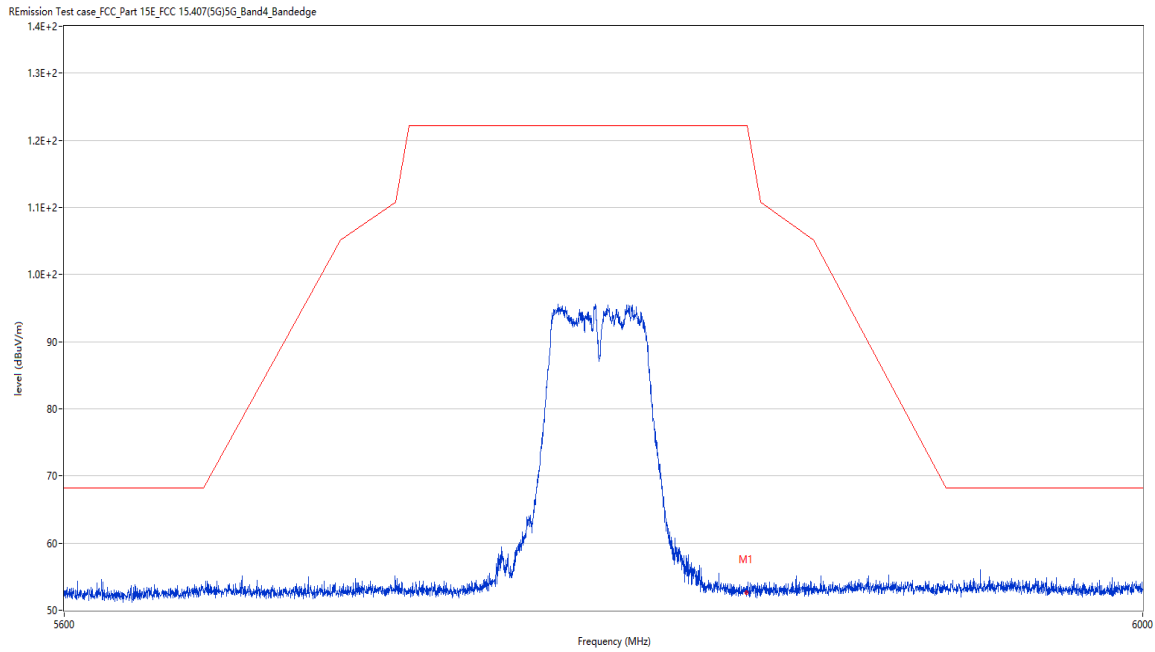
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Figure 150: Band Edge (Restricted-band band-edge), 802.11ac(VHT40), 5795MHz
Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5850.000	52.59	2.16	122.2	-69.61	Peak	358.73	100	H	Pass

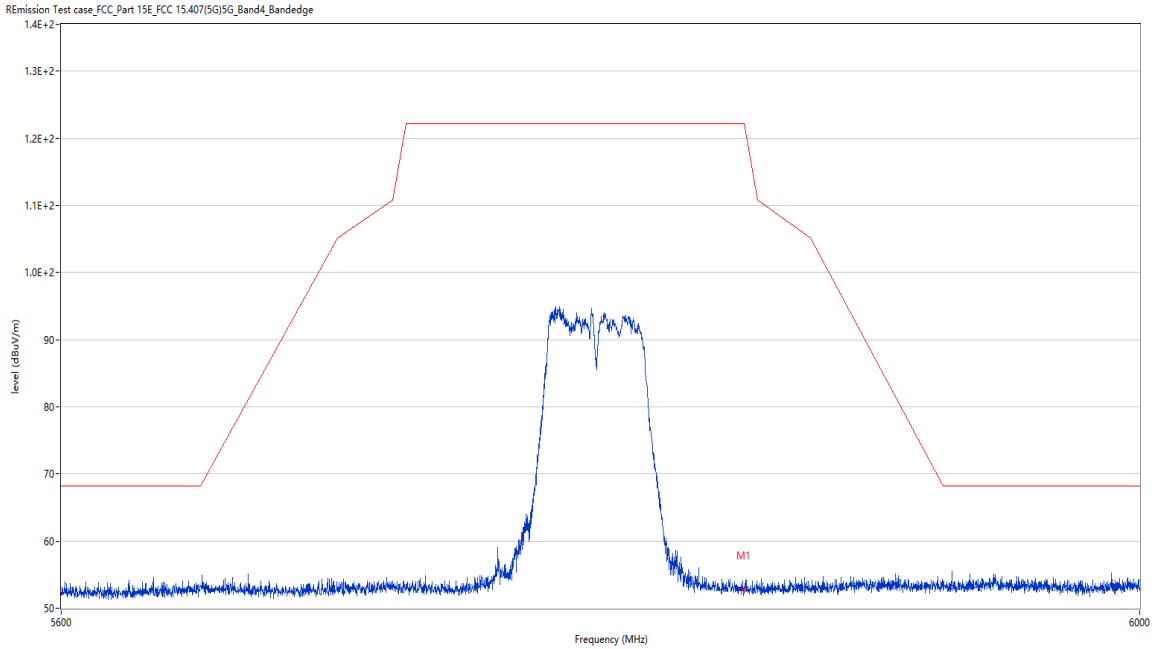
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Vertical



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5850.000	52.55	2.16	122.2	-69.65	Peak	279.23	100	V	Pass

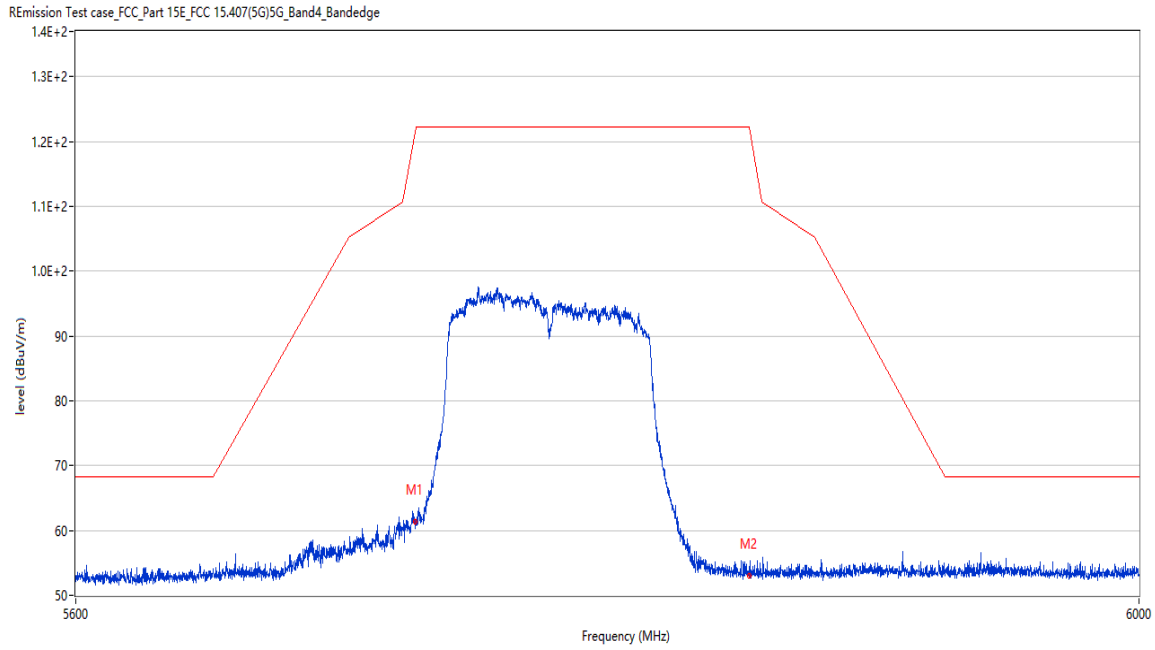
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Figure 151: Band Edge (Restricted-band band-edge), 802.11ac(VHT80), 5775MHz
Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	61.36	2.16	122.2	-60.84	Peak	344.03	100	H	Pass
2	5850.000	53.02	2.16	122.2	-69.18	Peak	240.11	100	H	Pass

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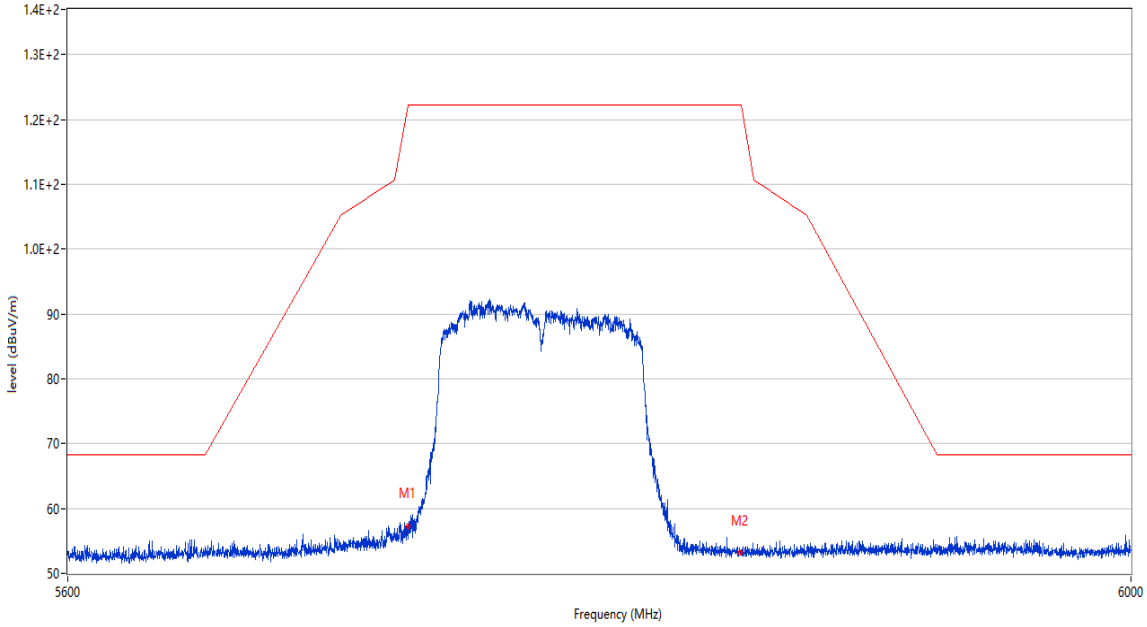
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Vertical

REmission Test case_FCC_Part 15E_FCC 15.407(5G)5G_Band4_Bandedge



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	57.36	2.16	122.2	-64.84	Peak	228.74	100	V	Pass
2	5850.000	53.17	2.16	122.2	-69.03	Peak	253.23	100	V	Pass

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4.1.9 Frequency Stability

RESULT:

PASS

Test standard : FCC Part 15.407(g)

Kind of test site : Shielded room

Test setup

Test Channel : Low/Middle/High

Operation Mode : A.1

Ambient temperature : 25°C

Relative humidity : 52%

Table 6: Frequency Stability

Band I (5150 – 5250 MHz):

Voltage vs. Frequency Stability (5180MHz)

Test Conditions		Frequency (MHz)	Max. Deviation (ppm)	Limit (ppm)
Temp (°C)	Voltage (V)			
20	4.35 V	5179.976	4.63	±20
	3.80 V	5179.979	4.05	
	3.00 V	5179.978	4.25	

Temperature vs. Frequency Stability (5180MHz)

Test Conditions		Frequency (MHz)	Max. Deviation (ppm)	Limit (ppm)
Voltage (V)	Temp (°C)			
3.8 V	-30	--	--	±20
	-20	--	--	
	-10	5179.971	5.60	
	0	5179.974	5.02	
	10	5179.979	4.05	
	20	5179.977	4.44	
	30	5179.975	4.83	
	40	5179.978	4.25	
	50	5179.976	4.63	

Note:

The all configurations were tested respectively, but only the worst channel shown here.

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Band IV (5725 – 5850 MHz):

Voltage vs. Frequency Stability (5745MHz)

Test Conditions		Frequency (MHz)	Max. Deviation (ppm)	Limit (ppm)
Temp (°C)	Voltage (V)			
20	4.35 V	5744.989	1.91	±20
	3.80 V	5744.984	2.79	
	3.00 V	5744.981	3.31	

Temperature vs. Frequency Stability (5745MHz)

Test Conditions		Frequency (MHz)	Max. Deviation (ppm)	Limit (ppm)
Voltage (V)	Temp (°C)			
3.8 V	-30	--	--	±20
	-20	--	--	
	-10	5744.984	2.79	
	0	5744.987	2.26	
	10	5744.982	3.13	
	20	5744.979	3.66	
	30	5744.991	1.57	
	40	5744.993	1.22	
	50	5744.978	3.83	

Note:

The all configurations were tested respectively, but only the worst channel shown here.

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4.2 Mains Emissions

4.2.1 Conducted Emission on AC Mains

RESULT:

PASS

Test standard : FCC Part 15.207
RSS-Gen 8.8
Requirement : ANSI C63.10-2013
Kind of test site : Shielded room

Test setup

Input Voltage : AC 120V, 60Hz; AC 240V, 50Hz
Operation Mode : Normal Link
Earthing : Not Connected
Ambient temperature : 25°C
Relative humidity : 52%

For details refer to following test plot.

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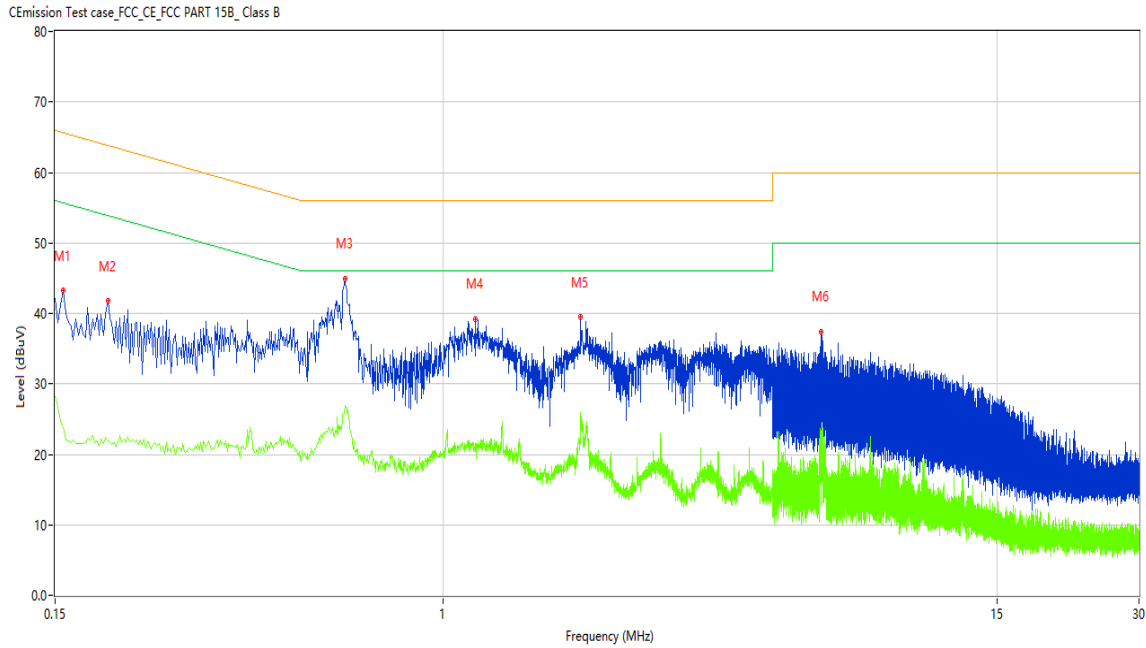
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Note:

The all configurations were tested respectively, but only the worst configuration shown here.

Figure 152: Conducted Emission on AC Mains, L Phase



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.156	47.96	10.15	65.67	-17.71	Peak	L	Pass
1*	0.156	35.18	10.15	65.67	-30.49	QP	L	Pass
1**	0.156	23.83	10.15	55.67	-31.84	AV	L	Pass
2	0.194	45.91	10.15	63.86	-17.95	Peak	L	Pass
2*	0.194	34.56	10.15	63.86	-29.30	QP	L	Pass
2**	0.194	21.92	10.15	53.86	-31.94	AV	L	Pass
3	0.618	48.29	10.15	56.00	-7.71	Peak	L	Pass
3*	0.618	39.42	10.15	56.00	-16.58	QP	L	Pass
3**	0.618	26.91	10.15	46.00	-19.09	AV	L	Pass
4	1.168	42.20	10.16	56.00	-13.80	Peak	L	Pass
4*	1.168	33.19	10.16	56.00	-22.81	QP	L	Pass
4**	1.168	21.62	10.16	46.00	-24.38	AV	L	Pass
5	1.956	40.60	10.17	56.00	-15.40	Peak	L	Pass
5*	1.956	31.79	10.17	56.00	-24.21	QP	L	Pass
5**	1.956	23.91	10.17	46.00	-22.09	AV	L	Pass
6	6.348	38.22	10.29	60.00	-21.78	Peak	L	Pass
6*	6.348	29.29	10.29	60.00	-30.71	QP	L	Pass
6**	6.348	23.36	10.29	50.00	-26.64	AV	L	Pass

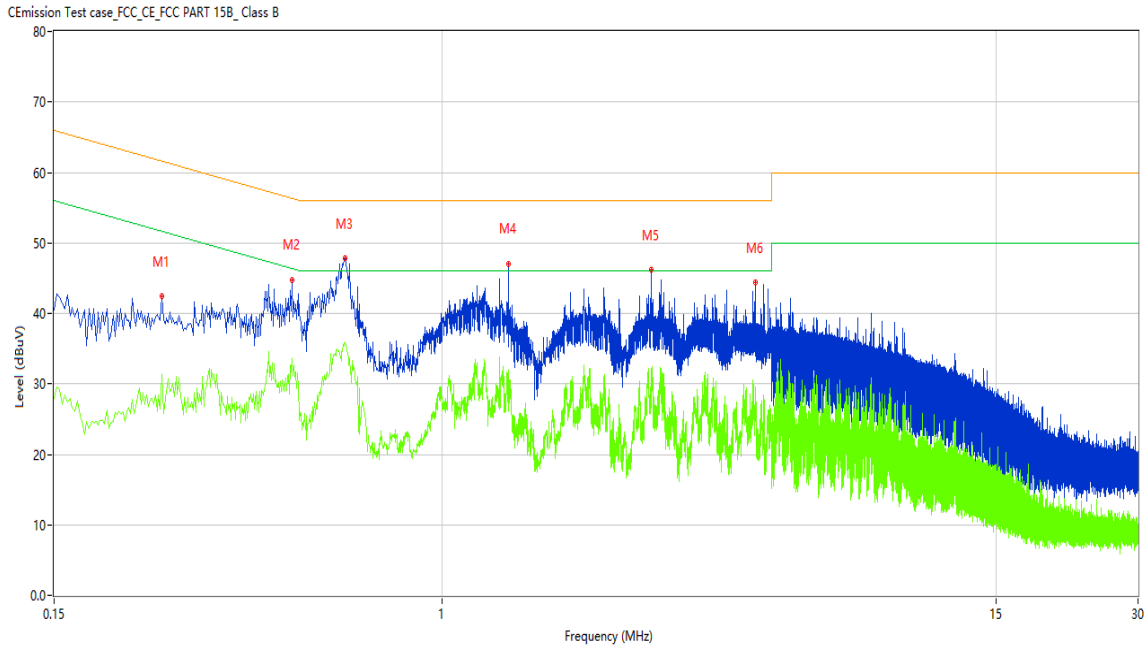
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Figure 153: Conducted Emission on AC Mains, N Phase



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.254	44.54	10.14	61.63	-17.09	Peak	N	Pass
1*	0.254	36.20	10.14	61.63	-25.43	QP	N	Pass
1**	0.254	31.34	10.14	51.63	-20.29	AV	N	Pass
2	0.480	46.68	10.15	56.34	-9.66	Peak	N	Pass
2*	0.480	38.47	10.15	56.34	-17.87	QP	N	Pass
2**	0.480	33.68	10.15	46.34	-12.66	AV	N	Pass
3	0.622	50.79	10.15	56.00	-5.21	Peak	N	Pass
3*	0.622	44.23	10.15	56.00	-11.77	QP	N	Pass
3**	0.622	35.87	10.15	46.00	-10.13	AV	N	Pass
4	1.382	46.68	10.16	56.00	-9.32	Peak	N	Pass
4*	1.382	36.37	10.16	56.00	-19.63	QP	N	Pass
4**	1.382	31.94	10.16	46.00	-14.06	AV	N	Pass
5	2.774	45.56	10.21	56.00	-10.44	Peak	N	Pass
5*	2.774	36.74	10.21	56.00	-19.26	QP	N	Pass
5**	2.774	32.01	10.21	46.00	-13.99	AV	N	Pass
6	4.614	43.49	10.25	56.00	-12.51	Peak	N	Pass
6*	4.614	35.00	10.25	56.00	-21.00	QP	N	Pass
6**	4.614	28.14	10.25	46.00	-17.86	AV	N	Pass

End of the report