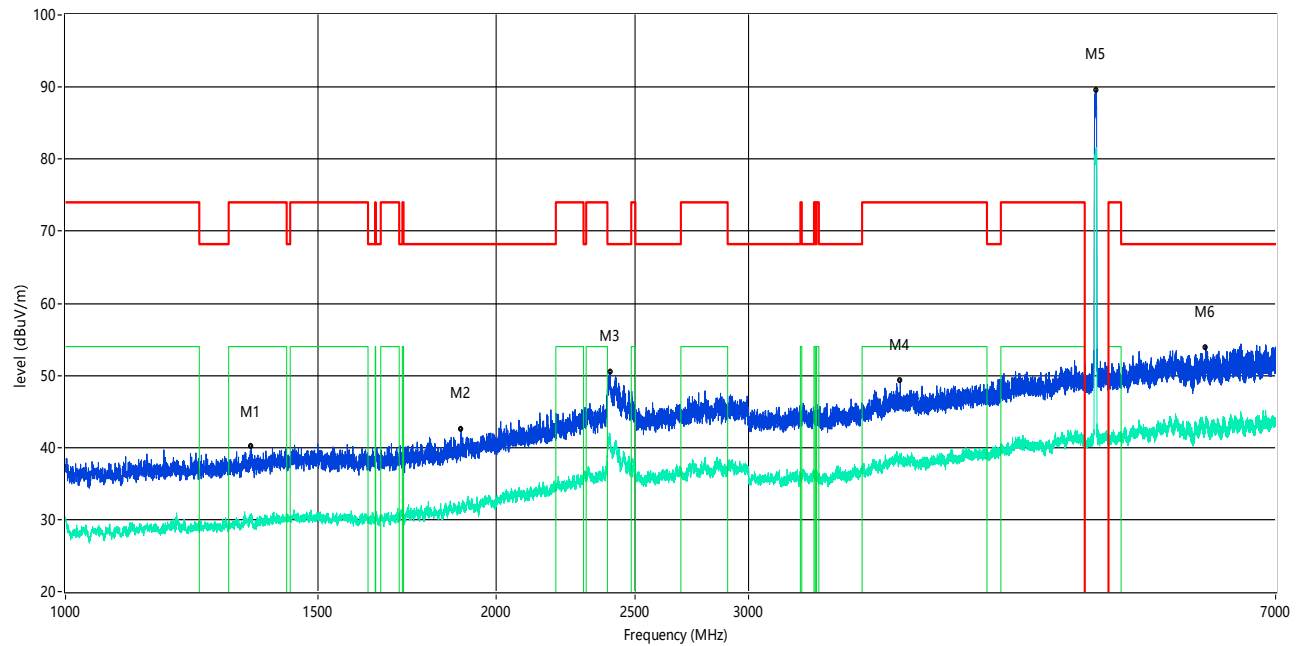


1 GHz to 7 GHz, Band I 11n20 High channel ANT V

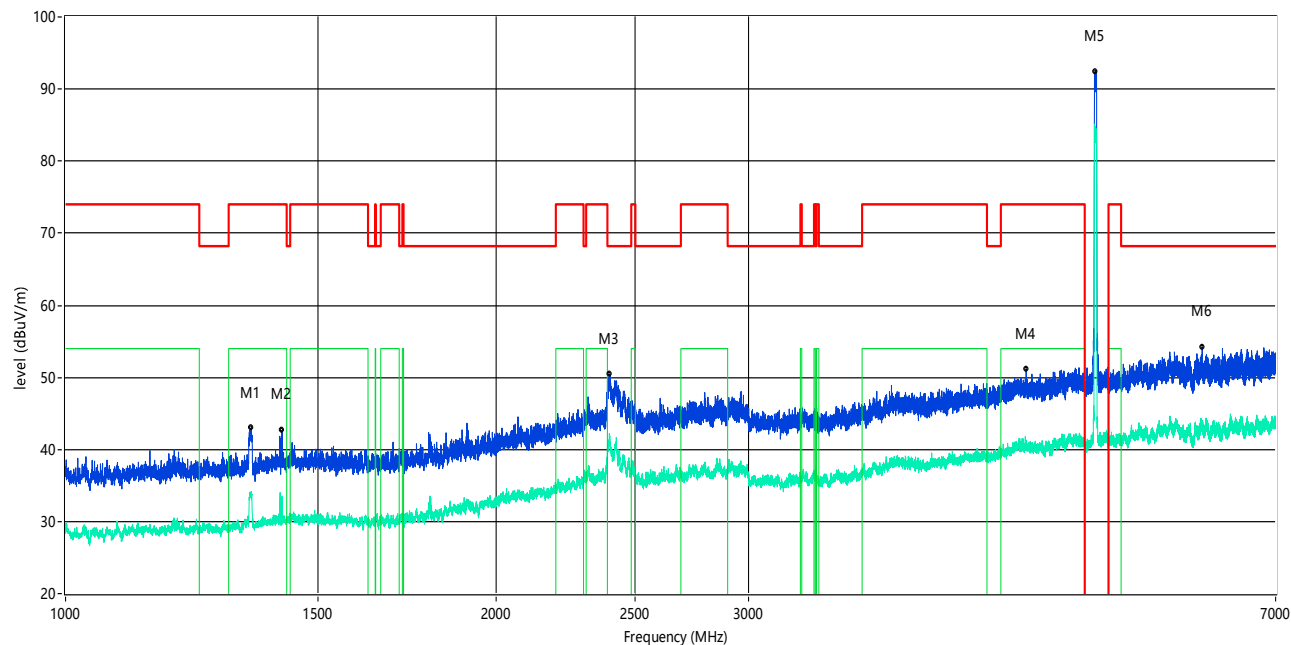
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz 5G_Band1



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Table (o)	Height (cm)	ANT	Verdict
1347.707	40.07	--	30.2	-12.24	74.0	--	54.0	23.80	193.00	150	Vertical	Pass
1889.139	42.49	--	31.3	-10.07	68.2	--	--	25.71	8.00	150	Vertical	Pass
2401.325	50.43	--	40.4	-0.11	68.2	--	--	17.77	125.00	150	Vertical	Pass
3827.897	49.18	--	38.4	-2.91	74.0	--	54.0	15.60	283.00	150	Vertical	Pass
5244.844	89.57	--	81.3	0.99	--	--	--	--	29.00	150	Vertical	Pass
6255.843	53.90	--	42.9	4.16	68.2	--	--	14.30	287.00	150	Vertical	Pass

1 GHz to 7 GHz, Band I 11n20 High channel ANT H

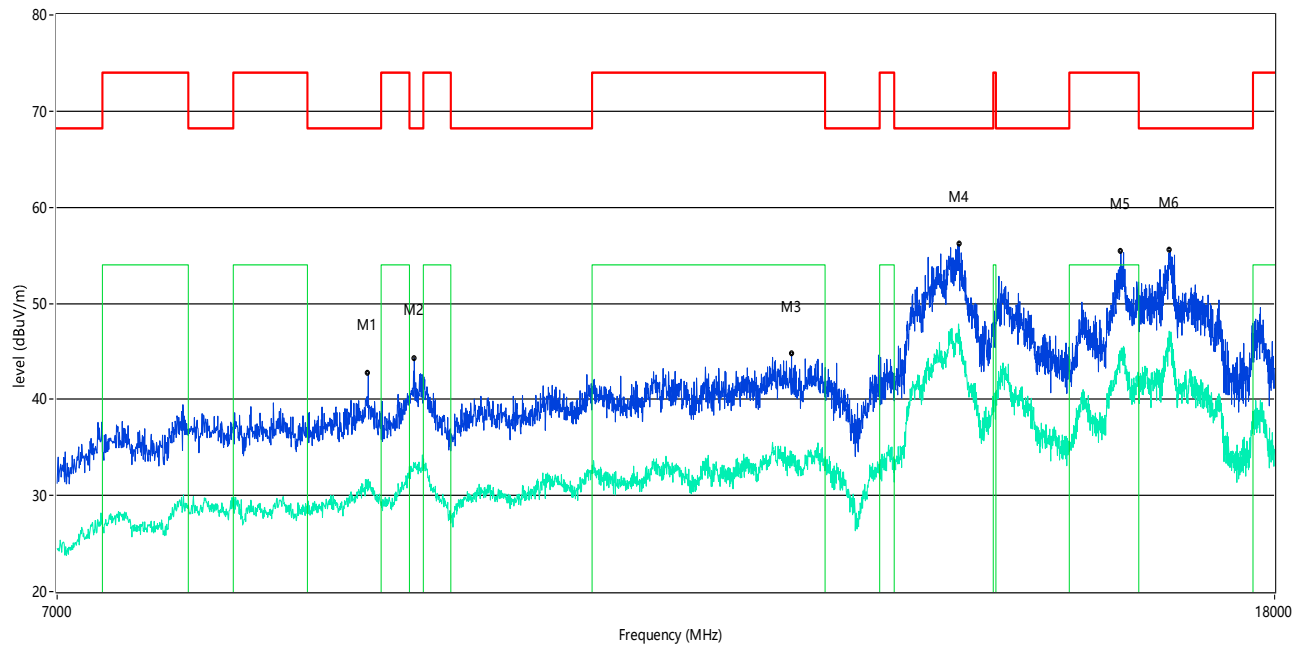
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz 5G_Band1



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Table (o)	Height (cm)	ANT	Verdict
1347.207	42.92	--	33.4	-12.28	74.0	--	54.0	20.60	30.00	150	Horizontal	Pass
1416.448	42.66	--	33.5	-11.94	74.0	--	54.0	20.50	256.00	150	Horizontal	Pass
2397.325	50.47	--	41.2	-0.01	68.2	--	--	17.73	227.00	150	Horizontal	Pass
4687.289	51.13	--	40.5	-0.16	74.0	--	54.0	13.50	279.00	150	Horizontal	Pass
5236.595	92.41	--	84.2	0.60	--	--	--	--	29.00	150	Horizontal	Pass
6220.597	54.12	--	43.5	4.57	68.2	--	--	14.08	305.00	150	Horizontal	Pass

7 GHz to 18 GHz, Band I 11n20 Low channel ANT V

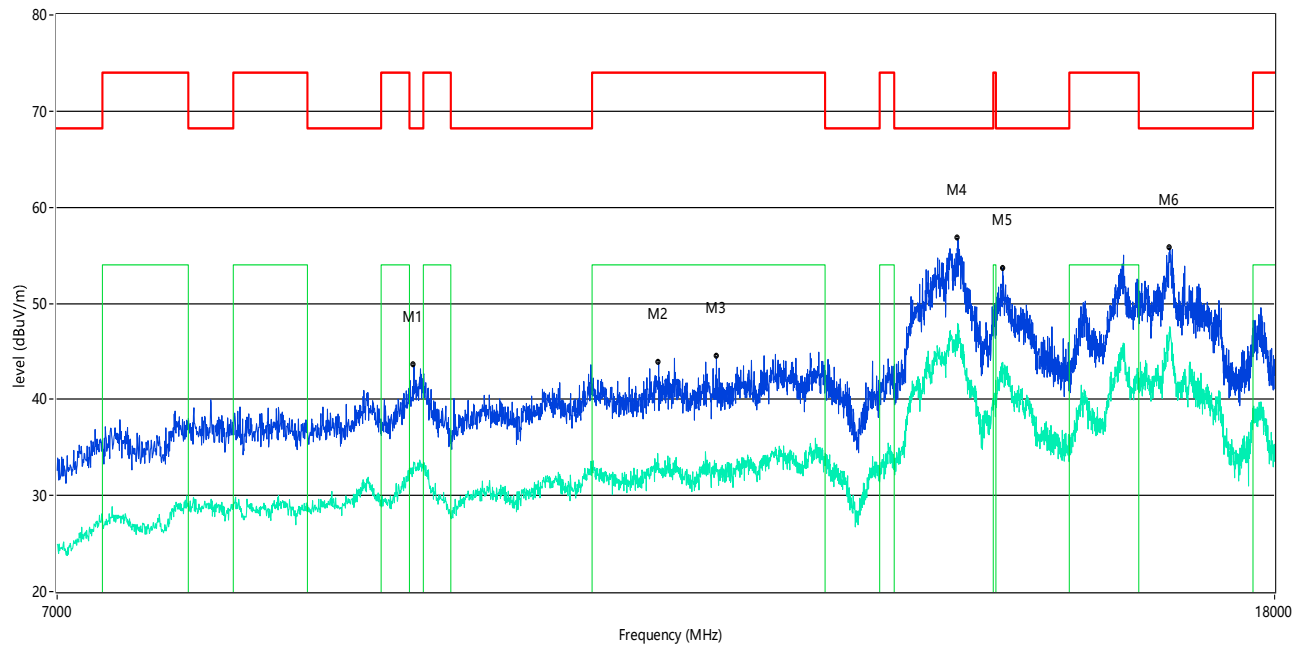
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_7GHz-18GHz_B1



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Table (o)	Height (cm)	ANT	Verdict
8910.772	42.70	--	31.7	-5.21	68.2	--	--	25.50	348.00	150	Vertical	Pass
9235.191	44.25	--	32.9	-4.58	68.2	--	--	23.95	339.00	150	Vertical	Pass
12374.906	44.70	--	34.6	-0.75	74.0	--	54.0	19.40	260.00	150	Vertical	Pass
14093.227	56.10	--	47.3	14.80	68.2	--	--	12.10	333.00	150	Vertical	Pass
15976.506	55.35	--	44.9	9.93	74.0	--	54.0	9.10	223.00	150	Vertical	Pass
16597.851	55.48	--	46.5	12.09	68.2	--	--	12.72	266.00	150	Vertical	Pass

7 GHz to 18 GHz, Band I 11n20 Low channel ANT H

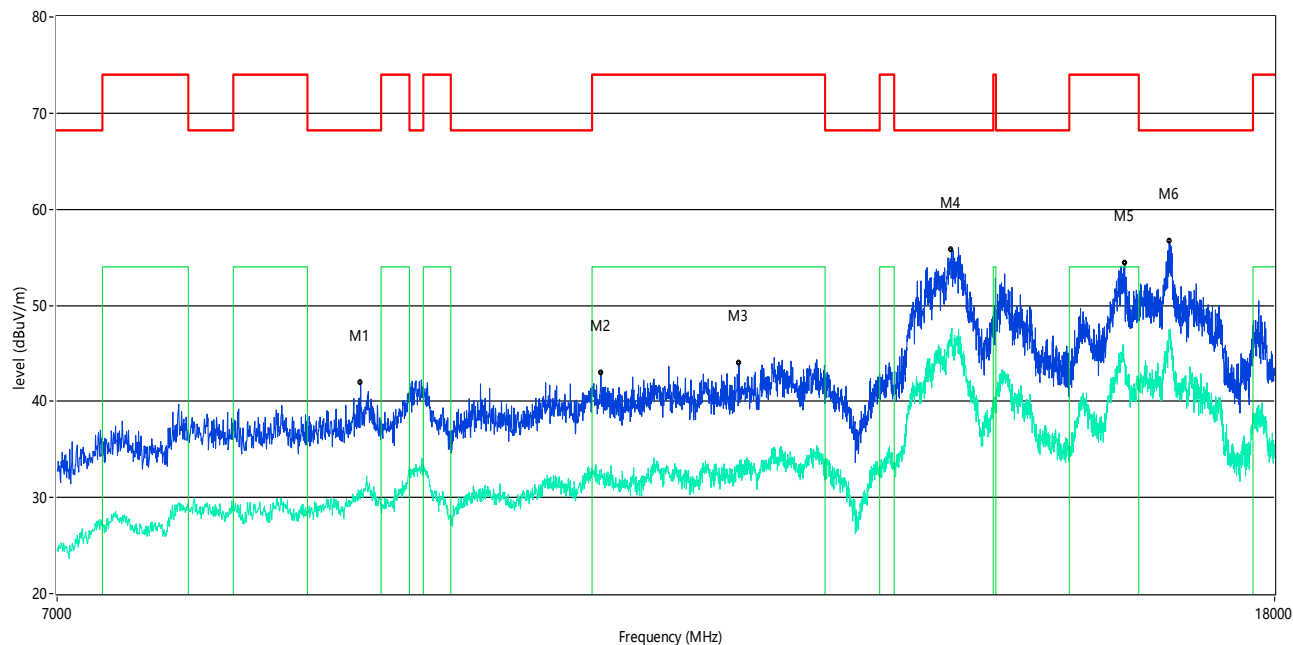
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_7GHz-18GHz_B1



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Table (o)	Height (cm)	ANT	Verdict
9232.442	43.58	--	33.4	-4.61	68.2	--	--	24.62	190.00	150	Horizontal	Pass
11162.459	43.80	--	33.3	-2.12	74.0	--	54.0	20.70	351.00	150	Horizontal	Pass
11673.832	44.44	--	33.3	-0.61	74.0	--	54.0	20.70	134.00	150	Horizontal	Pass
14076.731	56.78	--	47.9	14.65	68.2	--	--	11.42	20.00	150	Horizontal	Pass
14577.106	53.68	--	43.9	10.11	68.2	--	--	14.52	268.00	150	Horizontal	Pass
16595.101	55.78	--	47.6	12.00	68.2	--	--	12.42	193.00	150	Horizontal	Pass

7 GHz to 18 GHz, Band I 11n20 Middle channel ANT V

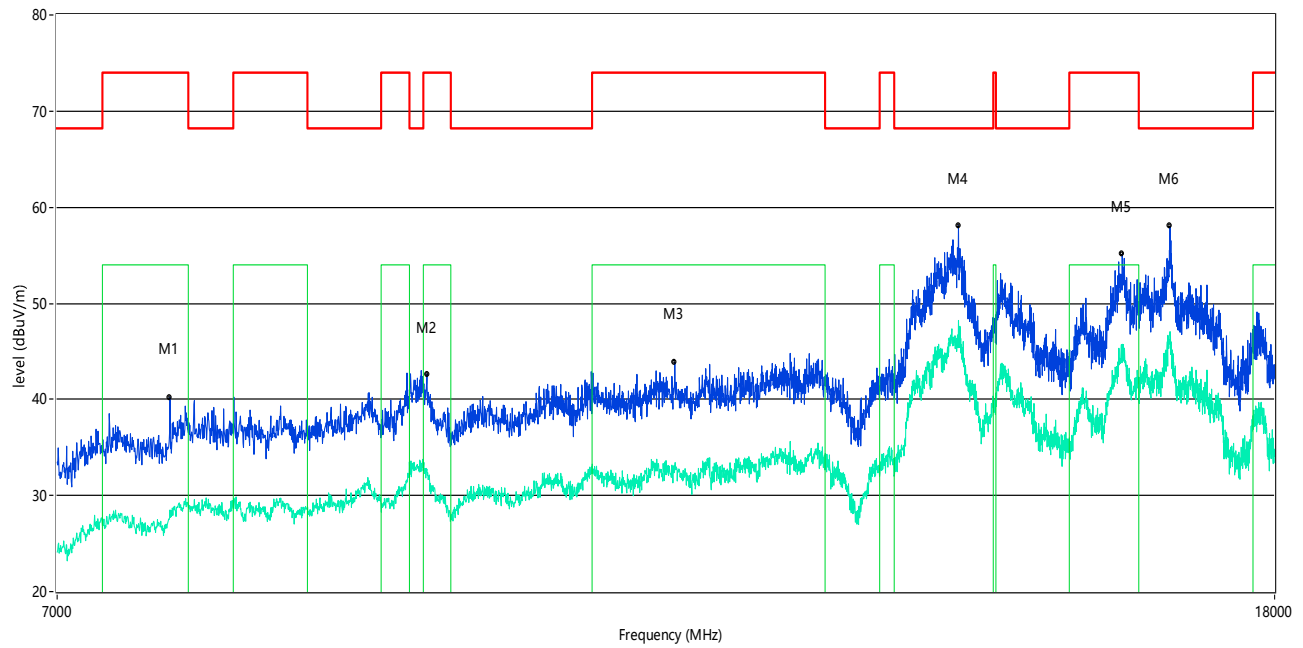
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_7GHz-18GHz_B1



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Table (o)	Height (cm)	ANT	Verdict
8858.535	41.90	--	30.7	-5.70	68.2	--	--	26.30	3.00	150	Vertical	Pass
10673.082	42.97	--	32.0	-1.73	74.0	--	54.0	22.00	324.00	150	Vertical	Pass
11877.281	43.93	--	33.4	-0.91	74.0	--	54.0	20.60	21.00	150	Vertical	Pass
14010.747	55.76	--	46.9	14.28	68.2	--	--	12.44	175.00	150	Vertical	Pass
16023.244	54.34	--	44.0	9.99	74.0	--	54.0	10.00	257.00	150	Vertical	Pass
16586.853	56.65	--	47.5	11.78	68.2	--	--	11.55	253.00	150	Vertical	Pass

7 GHz to 18 GHz, Band I 11n20 Middle channel ANT H

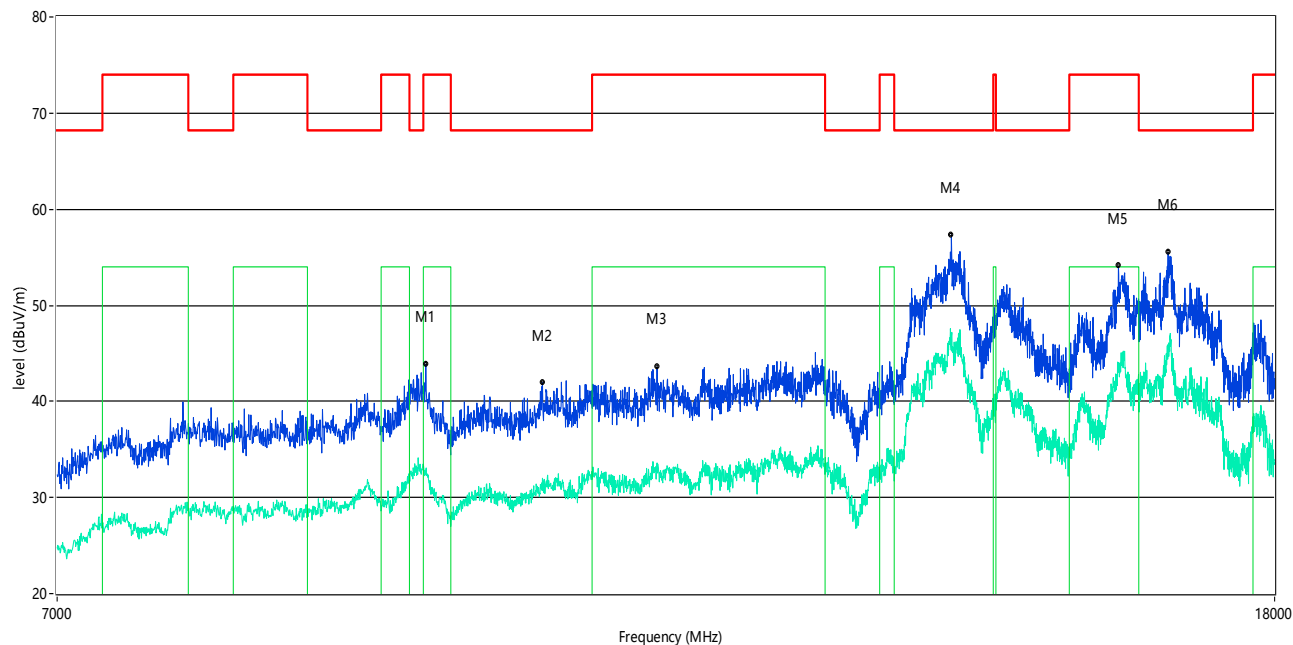
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_7GHz-18GHz_B1



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Table (o)	Height (cm)	ANT	Verdict
7640.590	40.21	--	28.5	-9.06	74.0	--	54.0	25.50	298.00	150	Horizontal	Pass
9325.919	42.64	--	32.7	-4.57	74.0	--	54.0	21.30	317.00	150	Horizontal	Pass
11302.674	43.88	--	33.1	-1.63	74.0	--	54.0	20.90	196.00	150	Horizontal	Pass
14084.979	58.12	--	48.2	14.84	68.2	--	--	10.08	43.00	150	Horizontal	Pass
15993.002	55.09	--	45.2	10.46	74.0	--	54.0	8.80	3.00	150	Horizontal	Pass
16597.851	58.00	--	47.1	12.09	68.2	--	--	10.20	64.00	150	Horizontal	Pass

7 GHz to 18 GHz, Band I 11n20 High channel ANT V

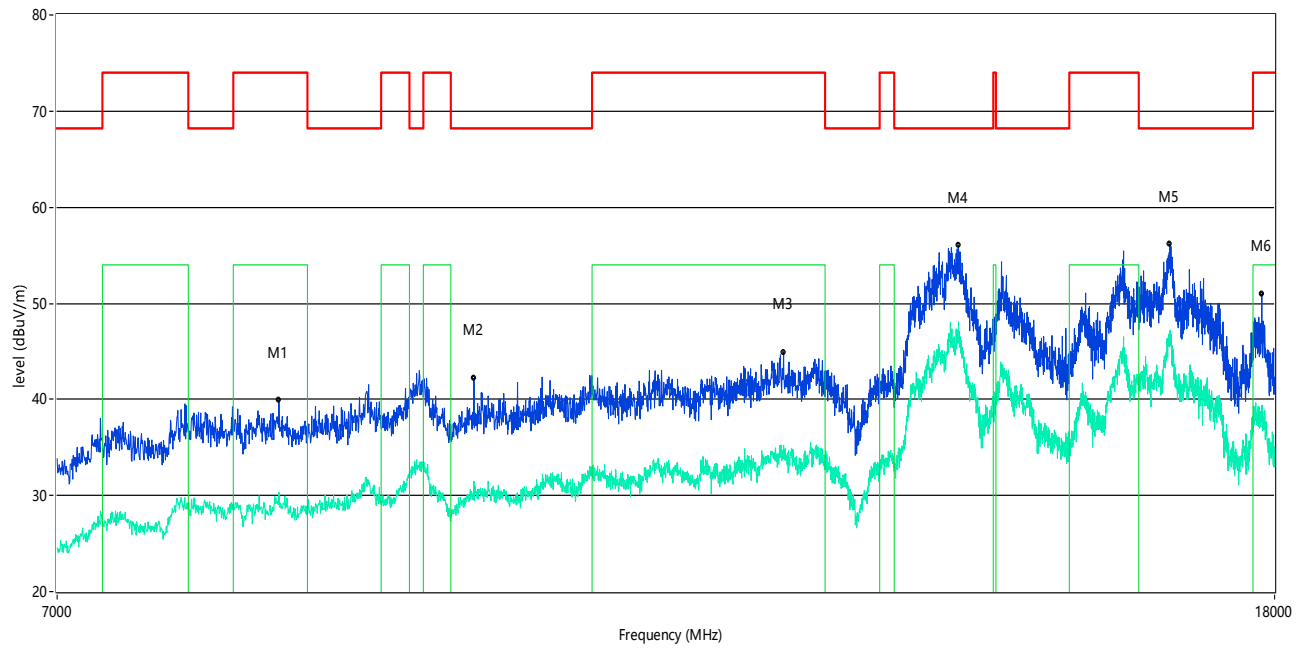
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_7GHz-18GHz_B1



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Table (o)	Height (cm)	ANT	Verdict
9317.671	43.85	--	32.8	-4.42	74.0	--	54.0	21.20	349.00	150	Vertical	Pass
10200.200	41.95	--	32.0	-2.59	68.2	--	--	26.25	106.00	150	Vertical	Pass
11148.713	43.58	--	33.6	-2.04	74.0	--	54.0	20.40	341.00	150	Vertical	Pass
14007.998	57.32	--	46.7	14.26	68.2	--	--	10.88	134.00	150	Vertical	Pass
15946.263	54.06	--	43.4	8.61	74.0	--	54.0	10.60	261.00	150	Vertical	Pass
16573.107	55.47	--	45.9	11.42	68.2	--	--	12.73	236.00	150	Vertical	Pass

7 GHz to 18 GHz, Band I 11n20 High channel ANT H

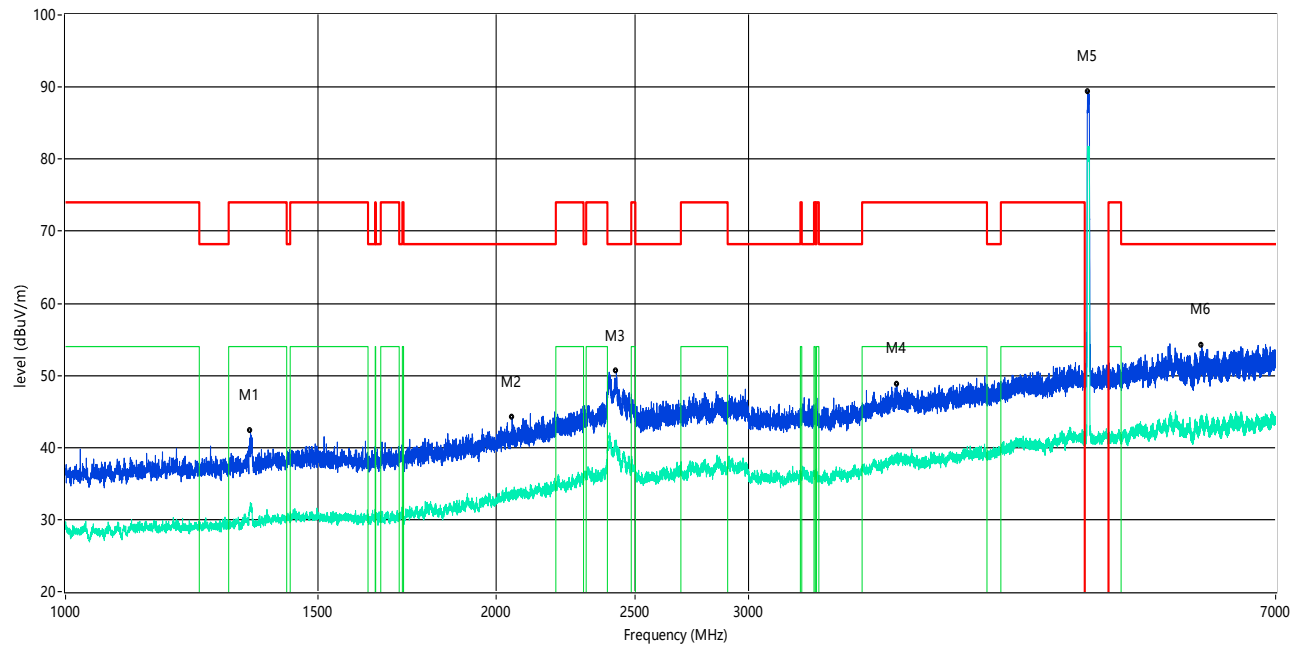
R emission Test case_FCC_Part 15E_FCC 15.407(5G)_7GHz-18GHz_B1



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Table (o)	Height (cm)	ANT	Verdict
8314.171	39.90	--	30.3	-6.89	74.0	--	54.0	23.70	48.00	150	Horizontal	Pass
9672.332	42.16	--	31.5	-5.59	68.2	--	--	26.04	72.00	150	Horizontal	Pass
12297.926	44.88	--	35.2	-0.36	74.0	--	54.0	18.80	221.00	150	Horizontal	Pass
14084.979	56.03	--	48.1	14.84	68.2	--	--	12.17	186.00	150	Horizontal	Pass
16595.101	56.18	--	46.5	12.00	68.2	--	--	12.02	102.00	150	Horizontal	Pass
17821.295	50.97	--	38.5	5.91	74.0	--	54.0	15.50	345.00	150	Horizontal	Pass

1 GHz to 7 GHz, Band I 11ac20 Low channel ANT V

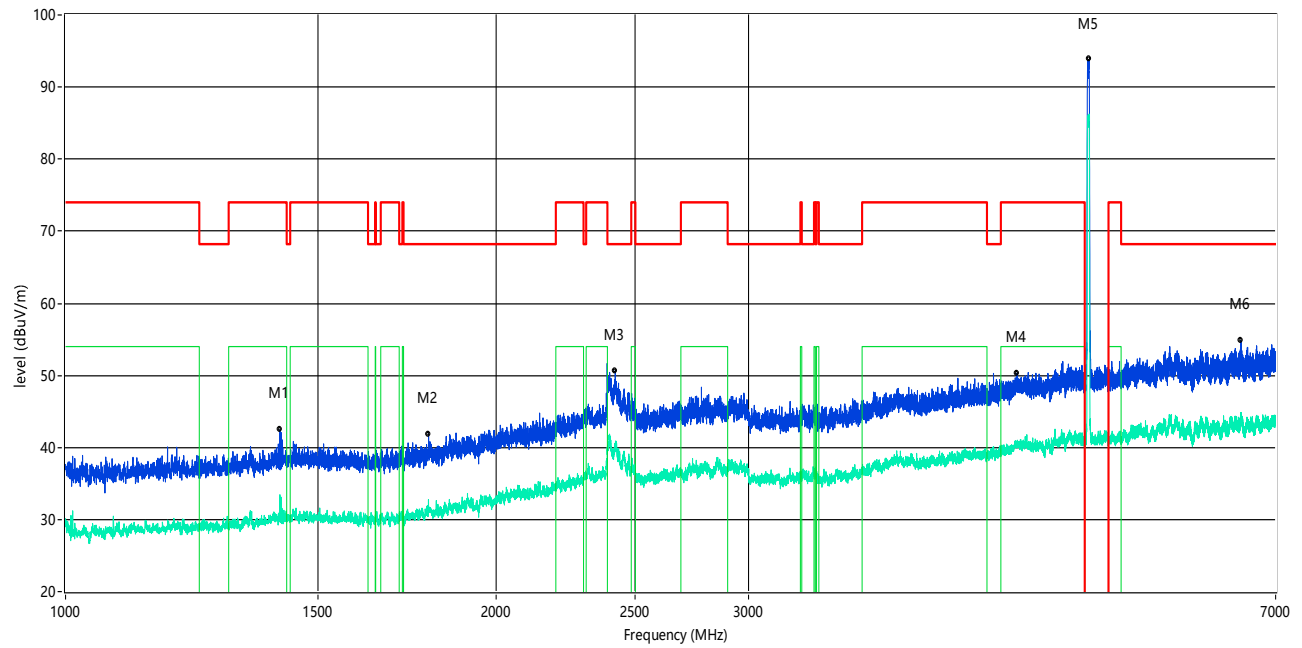
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz 5G_Band1



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Table (o)	Height (cm)	ANT	Verdict
1346.457	42.40	--	32.0	-12.34	74.0	--	54.0	22.00	247.00	150	Vertical	Pass
2050.619	44.16	--	33.2	-8.01	68.2	--	--	24.04	283.00	150	Vertical	Pass
2425.072	50.58	--	40.6	-0.96	68.2	--	--	17.62	24.00	150	Vertical	Pass
3806.899	48.69	--	38.7	-2.46	74.0	--	54.0	15.30	260.00	150	Vertical	Pass
5174.353	89.38	--	81.6	0.42	--	--	--	--	4.00	150	Vertical	Pass
6216.973	54.13	--	43.8	4.31	68.2	--	--	14.07	205.00	150	Vertical	Pass

1 GHz to 7 GHz, Band I 11ac20 Low channel ANT H

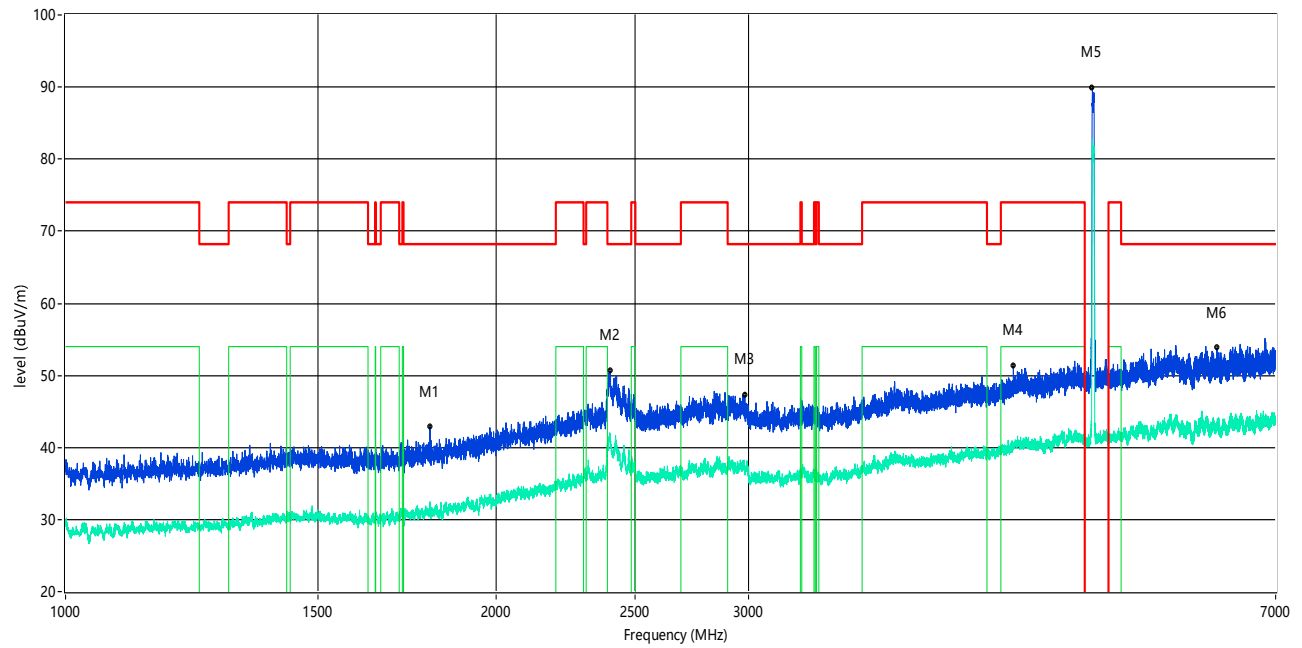
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz 5G_Band1



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Table (o)	Height (cm)	ANT	Verdict
1411.449	42.44	--	33.4	-12.07	74.0	--	54.0	20.60	45.00	150	Horizontal	Pass
1792.901	41.90	--	31.9	-11.07	68.2	--	--	26.30	208.00	150	Horizontal	Pass
2420.572	50.66	--	40.1	-0.79	68.2	--	--	17.54	75.00	150	Horizontal	Pass
4618.298	50.30	--	40.6	0.17	74.0	--	54.0	13.40	197.00	150	Horizontal	Pass
5185.227	93.83	--	86.0	0.34	--	--	--	--	2.00	150	Horizontal	Pass
6619.548	54.81	--	44.8	5.46	68.2	--	--	13.39	131.00	150	Horizontal	Pass

1 GHz to 7 GHz, Band I 11ac20 Middle channel ANT V

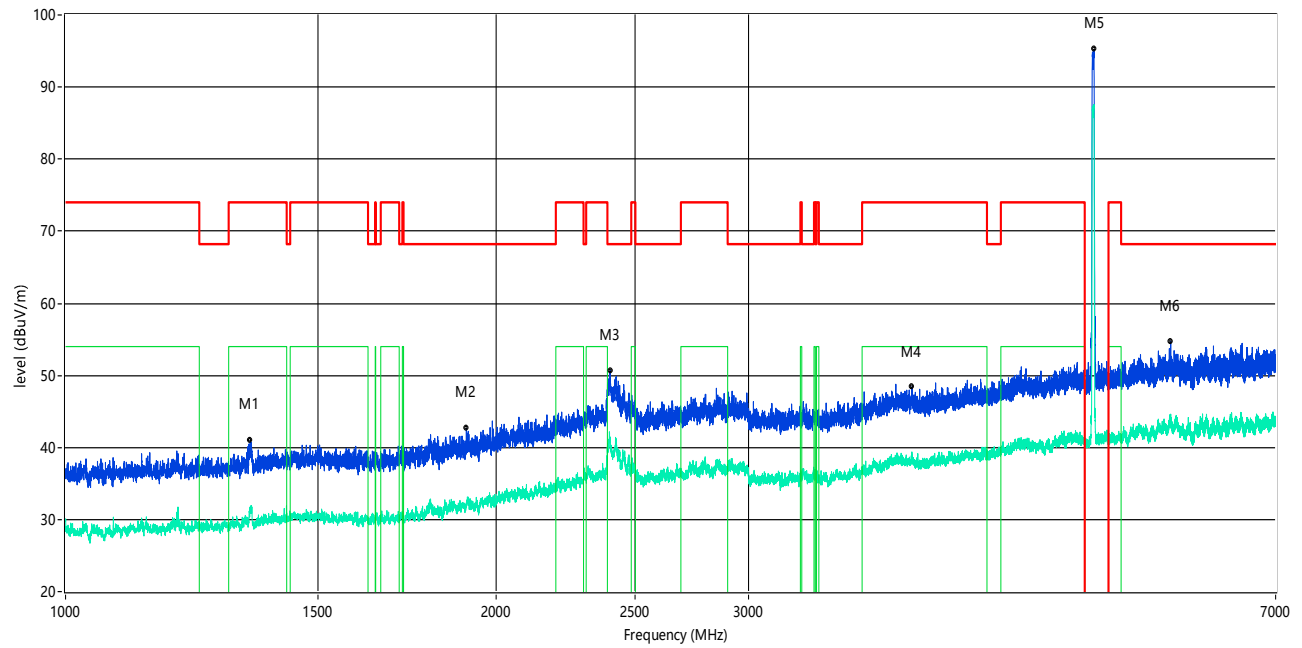
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz 5G_Band1



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Table (o)	Height (cm)	ANT	Verdict
1796.900	42.91	--	32.5	-10.82	68.2	--	--	25.29	245.00	150	Vertical	Pass
2402.075	50.61	--	40.4	-0.13	68.2	--	--	17.59	24.00	150	Vertical	Pass
2981.252	47.27	--	36.7	-3.66	68.2	--	--	20.93	130.00	150	Vertical	Pass
4591.301	51.32	--	40.6	-0.59	74.0	--	54.0	13.40	78.00	150	Vertical	Pass
5214.098	89.86	--	82.5	0.68	--	--	--	--	88.00	150	Vertical	Pass
6370.079	53.76	--	42.9	3.54	68.2	--	--	14.44	7.00	150	Vertical	Pass

1 GHz to 7 GHz, Band I 11ac20 Middle channel ANT H

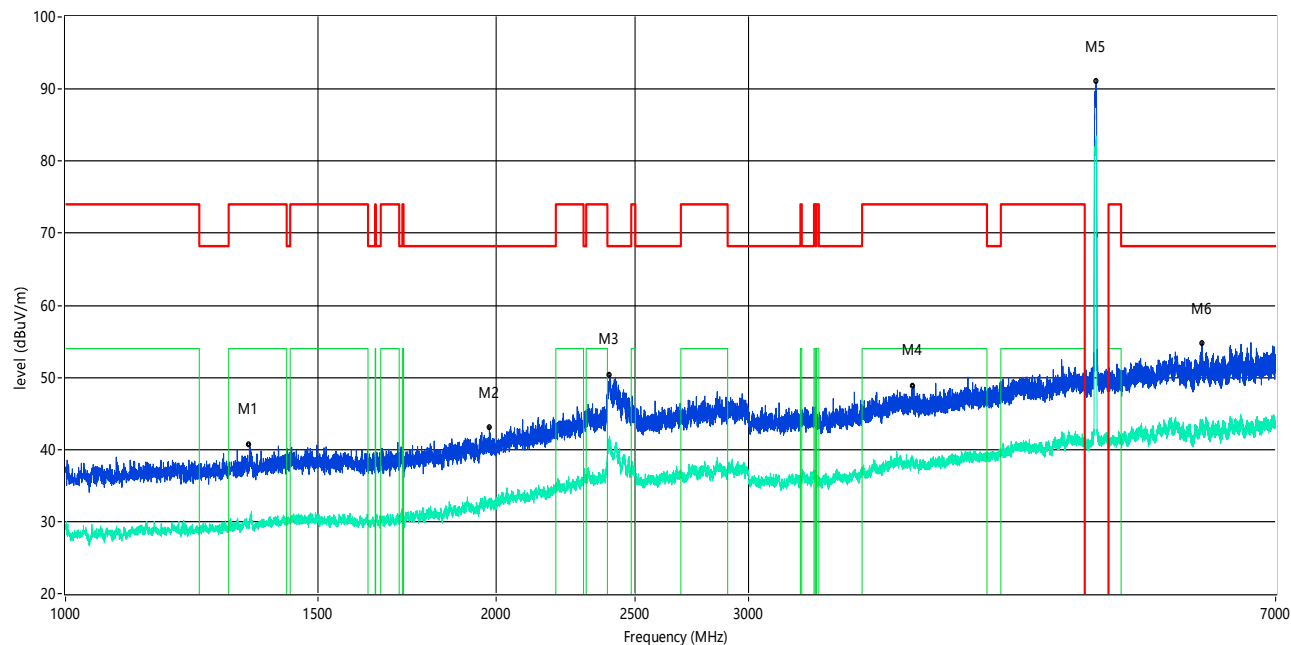
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz 5G_Band1



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Table (o)	Height (cm)	ANT	Verdict
1345.957	40.99	--	31.8	-12.38	74.0	--	54.0	22.20	24.00	150	Horizontal	Pass
1905.137	42.67	--	32.0	-9.50	68.2	--	--	25.53	125.00	150	Horizontal	Pass
2401.575	50.68	--	40.8	-0.12	68.2	--	--	17.52	63.00	150	Horizontal	Pass
3900.637	48.42	--	38.9	-2.33	74.0	--	54.0	15.10	209.00	150	Horizontal	Pass
5224.972	95.19	--	87.1	0.63	--	--	--	--	157.00	150	Horizontal	Pass
5913.386	54.73	--	44.6	3.22	68.2	--	--	13.47	9.00	150	Horizontal	Pass

1 GHz to 7 GHz, Band I 11ac20 High channel ANT V

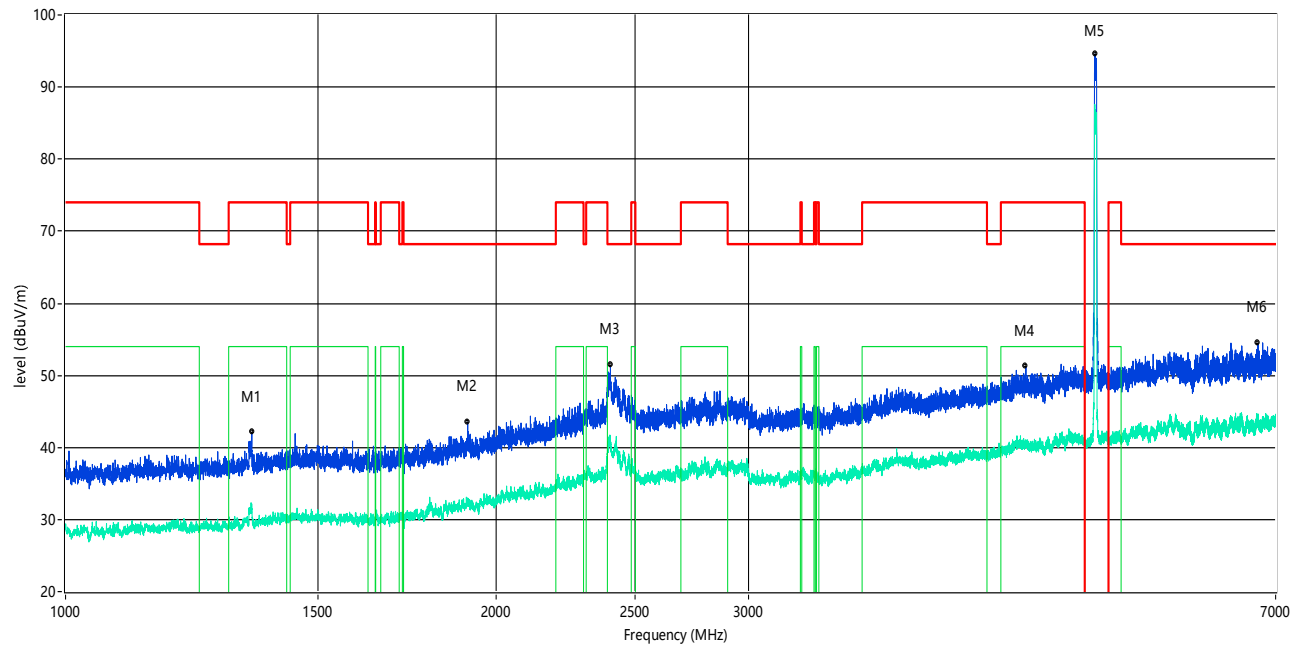
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz 5G_Band1



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Table (o)	Height (cm)	ANT	Verdict
1344.207	40.55	--	30.4	-12.52	74.0	--	54.0	23.60	46.00	150	Vertical	Pass
1977.128	43.02	--	33.0	-8.58	68.2	--	--	25.18	252.00	150	Vertical	Pass
2399.075	50.25	--	40.8	-0.06	68.2	--	--	17.95	59.00	150	Vertical	Pass
3908.511	48.72	--	38.0	-2.85	74.0	--	54.0	16.00	98.00	150	Vertical	Pass
5245.219	90.95	--	82.8	0.99	--	--	--	--	141.00	150	Vertical	Pass
6218.973	54.67	--	43.1	4.47	68.2	--	--	13.53	310.00	150	Vertical	Pass

1 GHz to 7 GHz, Band I 11ac20 High channel ANT H

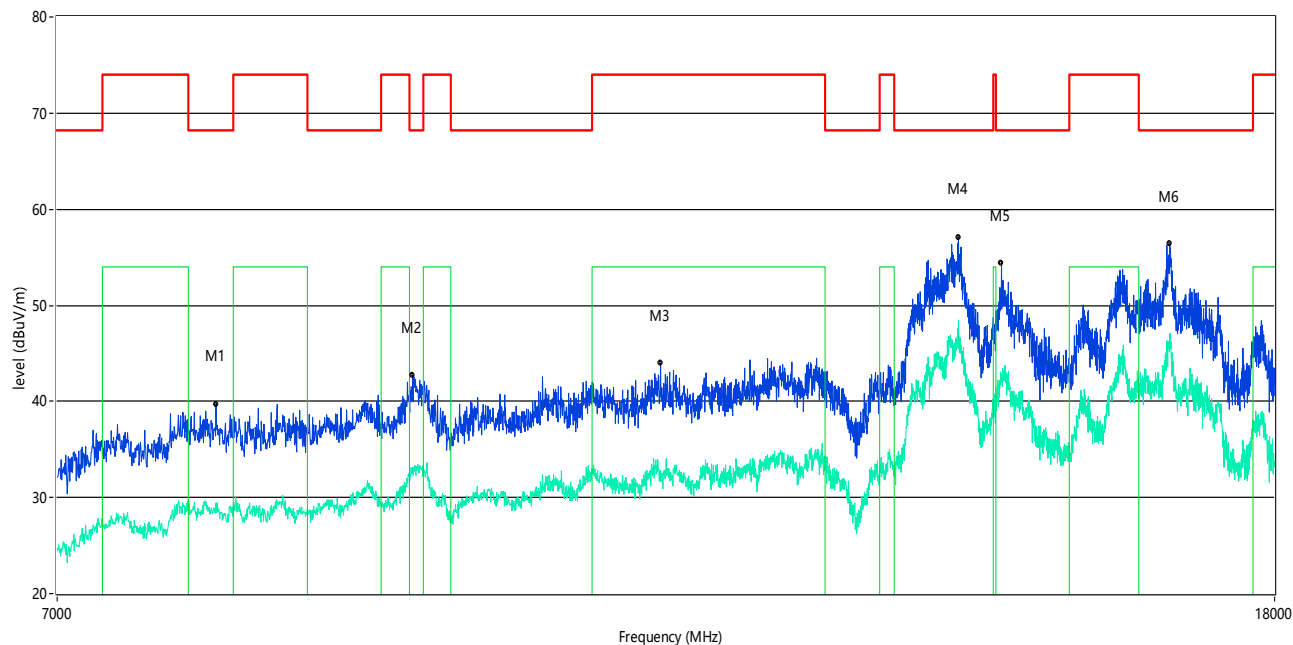
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz 5G_Band1



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Table (o)	Height (cm)	ANT	Verdict
1349.206	42.08	--	31.4	-12.22	74.0	--	54.0	22.60	49.00	150	Horizontal	Pass
1909.136	43.52	--	32.7	-8.87	68.2	--	--	24.68	350.00	150	Horizontal	Pass
2401.825	51.40	--	40.4	-0.12	68.2	--	--	16.80	287.00	150	Horizontal	Pass
4684.289	51.22	--	41.1	-0.17	74.0	--	54.0	12.90	285.00	150	Horizontal	Pass
5234.346	94.59	--	86.4	0.59	--	--	--	--	1.00	150	Horizontal	Pass
6804.649	54.42	--	44.6	5.57	68.2	--	--	13.78	274.00	150	Horizontal	Pass

7 GHz to 18 GHz, Band I 11ac20 Low channel ANT V

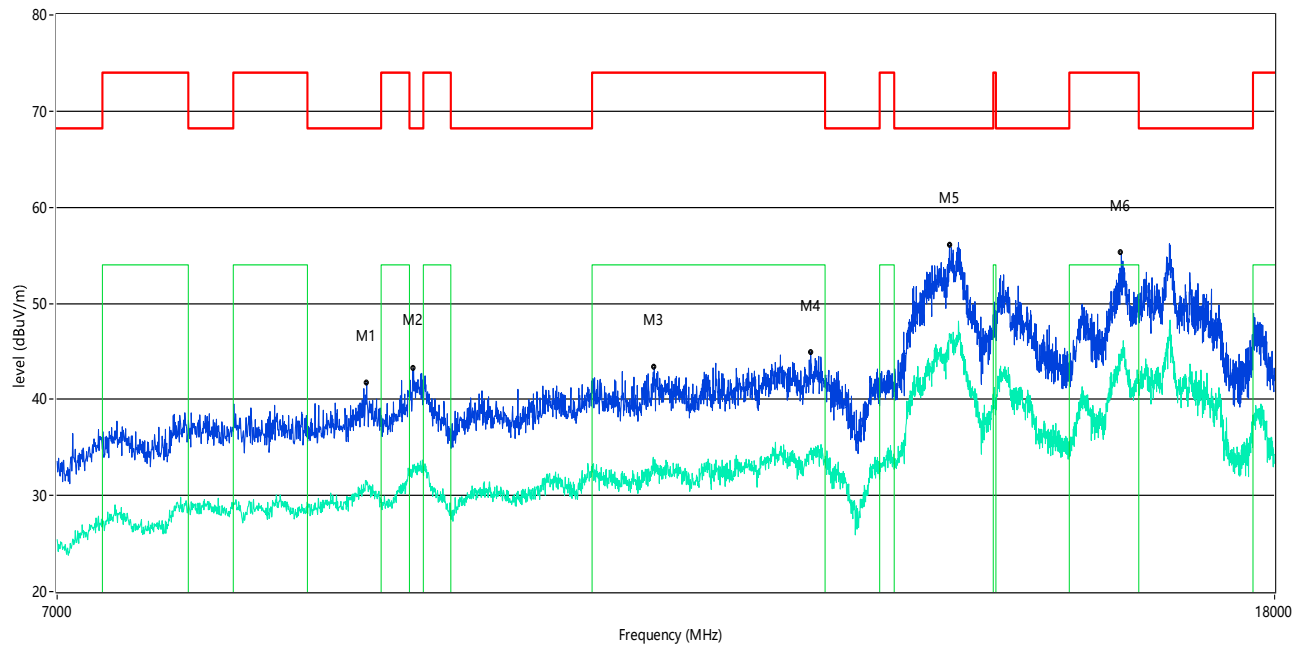
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_7GHz-18GHz_B1



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Table (o)	Height (cm)	ANT	Verdict
7918.270	39.69	--	29.4	-9.01	68.2	--	--	28.51	24.00	150	Vertical	Pass
9224.194	42.70	--	33.1	-4.69	68.2	--	--	25.50	105.00	150	Vertical	Pass
11178.955	43.96	--	32.1	-2.14	74.0	--	54.0	21.90	359.00	150	Vertical	Pass
14084.979	57.09	--	48.5	14.84	68.2	--	--	11.11	127.00	150	Vertical	Pass
14563.359	54.34	--	42.8	9.79	68.2	--	--	13.86	318.00	150	Vertical	Pass
16595.101	56.40	--	46.7	12.00	68.2	--	--	11.80	7.00	150	Vertical	Pass

7 GHz to 18 GHz, Band I 11ac20 Low channel ANT H

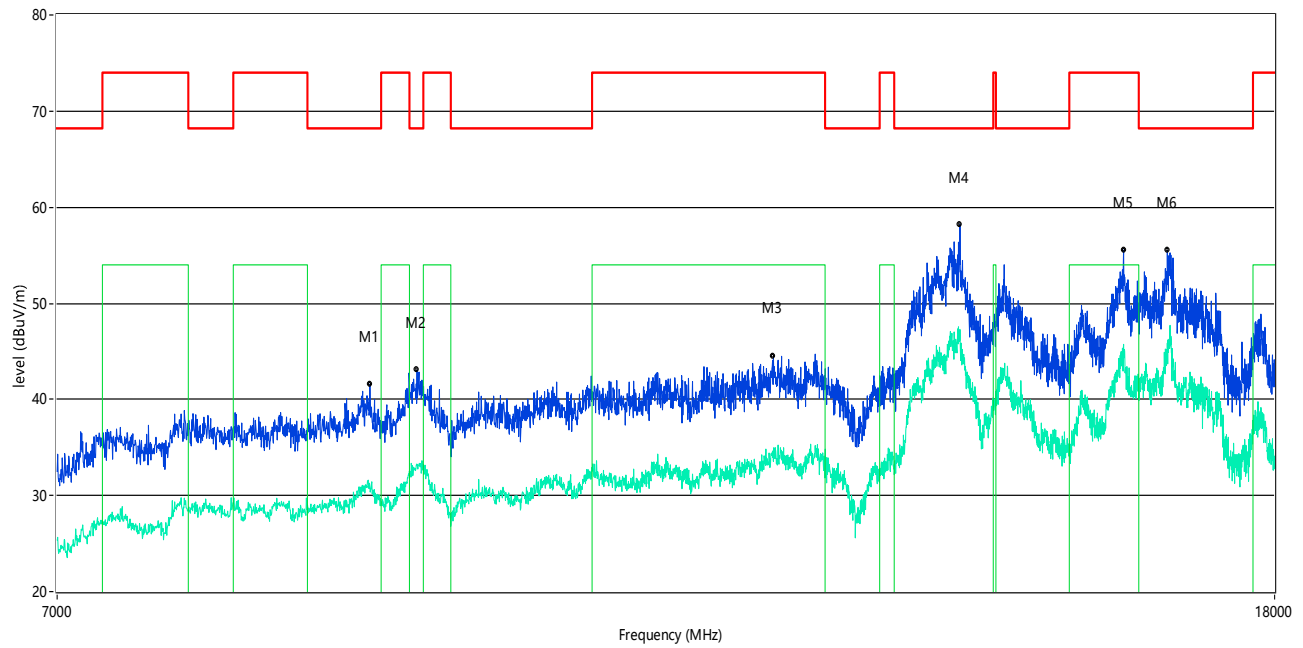
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_7GHz-18GHz_B1



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Table (o)	Height (cm)	ANT	Verdict
8899.775	41.73	--	31.1	-4.87	68.2	--	--	26.47	47.00	150	Horizontal	Pass
9229.693	43.21	--	32.4	-4.64	68.2	--	--	24.99	71.00	150	Horizontal	Pass
11123.969	43.29	--	32.8	-1.88	74.0	--	54.0	21.20	216.00	150	Horizontal	Pass
12559.110	44.89	--	34.7	-0.05	74.0	--	54.0	19.30	24.00	150	Horizontal	Pass
13988.753	56.05	--	46.5	13.92	68.2	--	--	12.15	10.00	150	Horizontal	Pass
15982.004	55.22	--	45.2	10.09	74.0	--	54.0	8.80	172.00	150	Horizontal	Pass

7 GHz to 18 GHz, Band I 11ac20 Middle channel ANT V

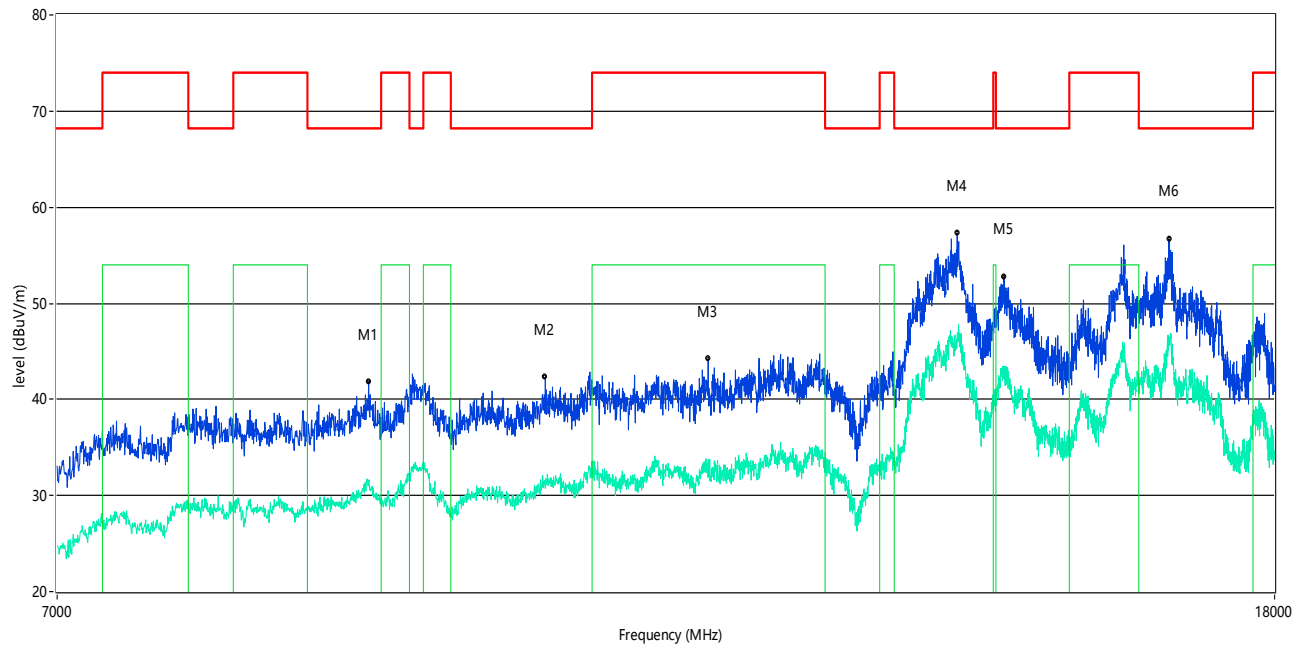
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_7GHz-18GHz_B1



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Table (o)	Height (cm)	ANT	Verdict
8921.770	41.57	--	30.9	-5.37	68.2	--	--	26.63	336.00	150	Vertical	Pass
9254.436	43.04	--	33.1	-4.32	68.2	--	--	25.16	191.00	150	Vertical	Pass
12201.700	44.43	--	33.5	-0.47	74.0	--	54.0	20.50	326.00	150	Vertical	Pass
14101.475	58.22	--	47.3	14.72	68.2	--	--	9.98	154.00	150	Vertical	Pass
16009.498	55.54	--	45.7	10.44	74.0	--	54.0	8.30	125.00	150	Vertical	Pass
16562.109	55.50	--	45.9	11.26	68.2	--	--	12.70	205.00	150	Vertical	Pass

7 GHz to 18 GHz, Band I 11ac20 Middle channel ANT H

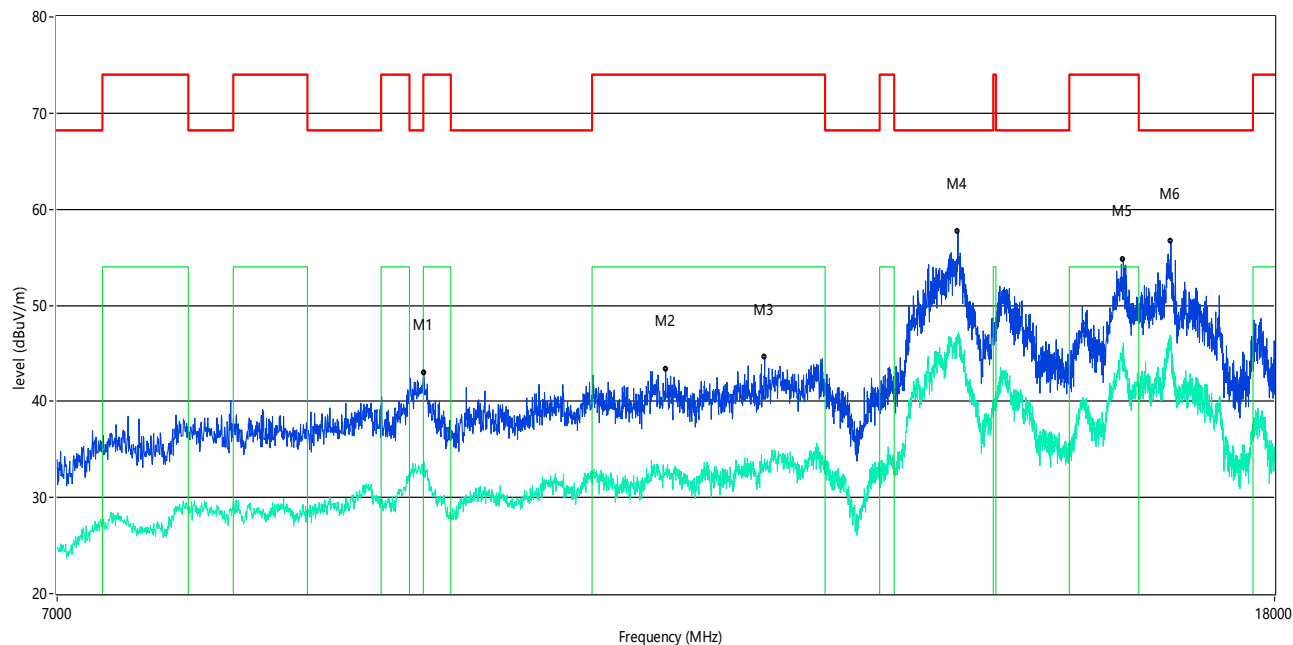
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_7GHz-18GHz_B1



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Table (o)	Height (cm)	ANT	Verdict
8913.522	41.86	--	31.4	-5.23	68.2	--	--	26.34	247.00	150	Horizontal	Pass
10222.194	42.33	--	30.7	-2.48	68.2	--	--	25.87	332.00	150	Horizontal	Pass
11599.600	44.22	--	33.7	-0.89	74.0	--	54.0	20.30	333.00	150	Horizontal	Pass
14071.232	57.23	--	46.9	14.57	68.2	--	--	10.97	312.00	150	Horizontal	Pass
14588.103	52.75	--	43.4	10.22	68.2	--	--	15.45	28.00	150	Horizontal	Pass
16586.853	56.63	--	46.0	11.78	68.2	--	--	11.57	31.00	150	Horizontal	Pass

7 GHz to 18 GHz, Band I 11ac20 High channel ANT V

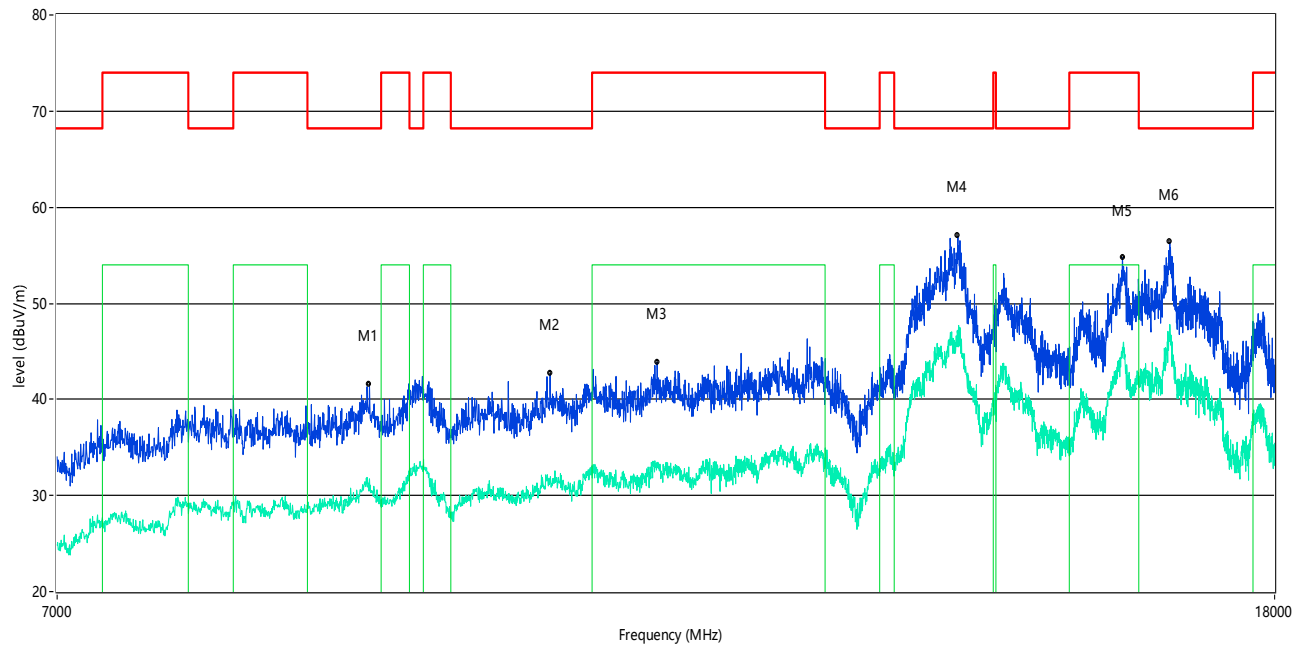
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_7GHz-18GHz_B1



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Table (o)	Height (cm)	ANT	Verdict
9303.924	42.98	--	33.0	-4.11	74.0	--	54.0	21.00	42.00	150	Vertical	Pass
11222.944	43.30	--	32.5	-1.80	74.0	--	54.0	21.50	247.00	150	Vertical	Pass
12119.220	44.55	--	34.0	-1.00	74.0	--	54.0	20.00	287.00	150	Vertical	Pass
14079.480	57.63	--	47.0	14.72	68.2	--	--	10.57	333.00	150	Vertical	Pass
16006.748	54.79	--	46.1	10.53	74.0	--	54.0	7.90	145.00	150	Vertical	Pass
16608.848	56.62	--	46.7	11.82	68.2	--	--	11.58	309.00	150	Vertical	Pass

7 GHz to 18 GHz, Band I 11ac20 High channel ANT H

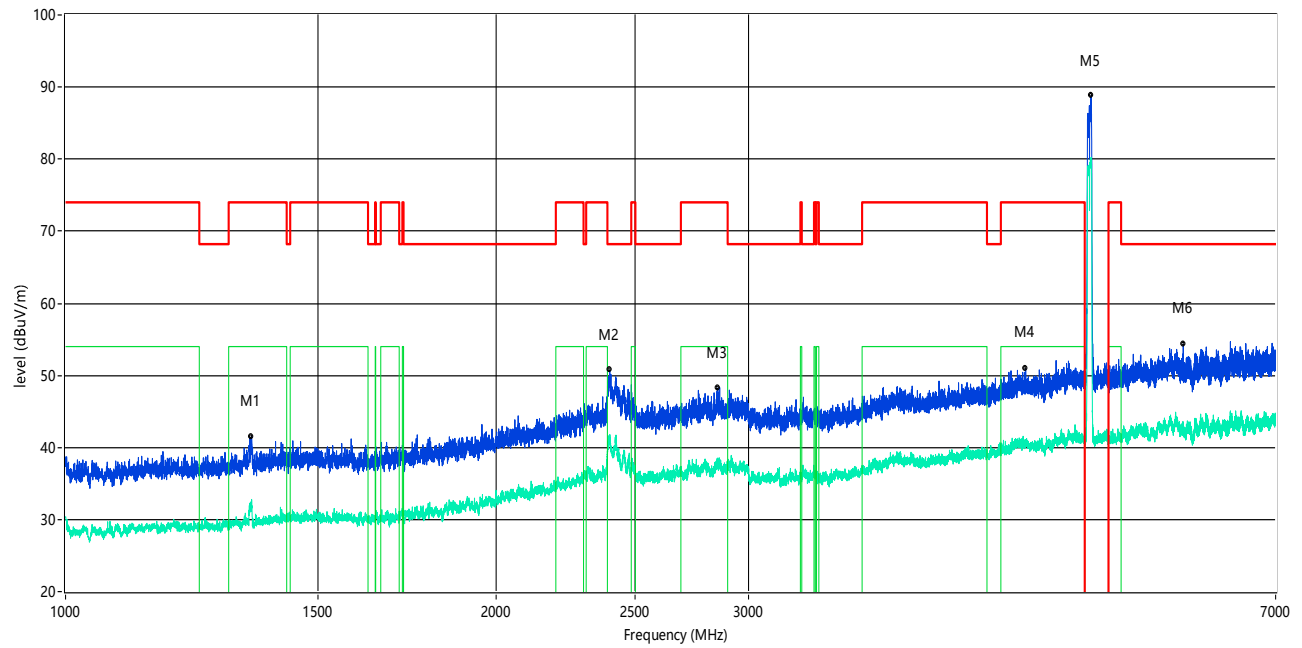
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_7GHz-18GHz_B1



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Table (o)	Height (cm)	ANT	Verdict
8919.020	41.52	--	31.7	-5.30	68.2	--	--	26.68	183.00	150	Horizontal	Pass
10260.685	42.65	--	31.5	-2.12	68.2	--	--	25.55	7.00	150	Horizontal	Pass
11148.713	43.88	--	33.5	-2.04	74.0	--	54.0	20.50	10.00	150	Horizontal	Pass
14079.480	56.98	--	46.5	14.72	68.2	--	--	11.22	325.00	150	Horizontal	Pass
15995.751	54.75	--	45.4	10.57	74.0	--	54.0	8.60	287.00	150	Horizontal	Pass
16595.101	56.37	--	47.8	12.00	68.2	--	--	11.83	96.00	150	Horizontal	Pass

1 GHz to 7 GHz, Band I 11ac40 Low channel ANT V

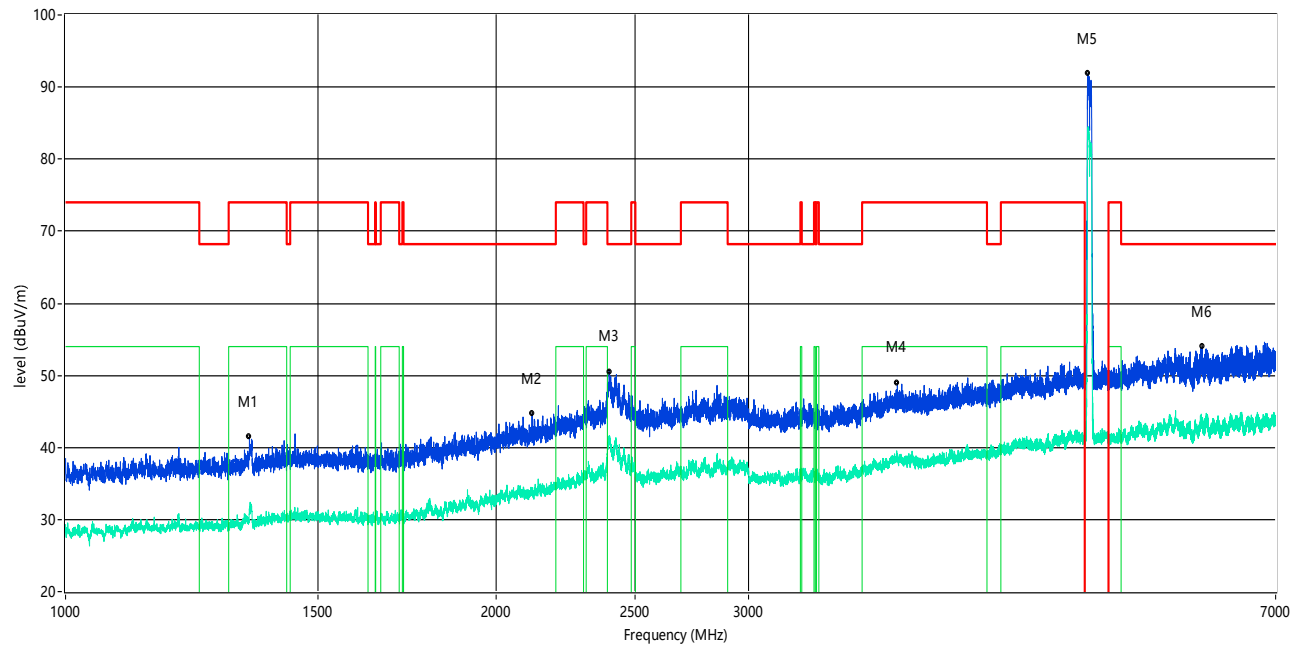
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz 5G_Band1



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Table (o)	Height (cm)	ANT	Verdict
1348.706	41.56	--	32.8	-12.17	74.0	--	54.0	21.20	10.00	150	Vertical	Pass
2399.075	50.74	--	41.0	-0.06	68.2	--	--	17.46	134.00	150	Vertical	Pass
2854.518	48.23	--	37.6	-3.05	74.0	--	54.0	16.40	28.00	150	Vertical	Pass
4683.165	50.92	--	40.4	-0.14	74.0	--	54.0	13.60	227.00	150	Vertical	Pass
5202.100	88.79	--	80.1	0.73	--	--	--	--	207.00	150	Vertical	Pass
6033.621	54.32	--	42.7	3.81	68.2	--	--	13.88	218.00	150	Vertical	Pass

1 GHz to 7 GHz, Band I 11ac40 Low channel ANT H

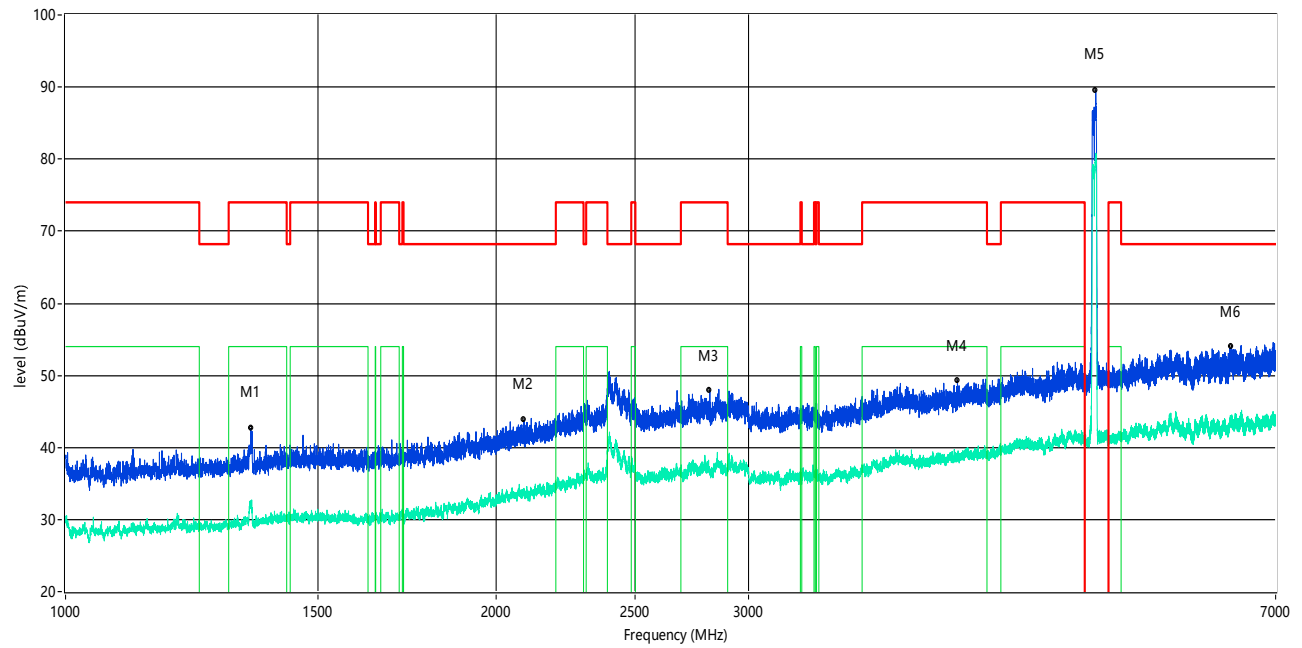
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz 5G_Band1



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Table (o)	Height (cm)	ANT	Verdict
1344.207	41.42	--	31.2	-12.52	74.0	--	54.0	22.80	18.00	150	Horizontal	Pass
2117.360	44.63	--	34.0	-7.87	68.2	--	--	23.57	293.00	150	Horizontal	Pass
2397.075	50.52	--	40.9	0.01	68.2	--	--	17.68	326.00	150	Horizontal	Pass
3809.899	48.93	--	38.4	-2.69	74.0	--	54.0	15.60	346.00	150	Horizontal	Pass
5176.228	91.81	--	84.2	0.42	--	--	--	--	298.00	150	Horizontal	Pass
6222.847	53.92	--	43.9	4.70	68.2	--	--	14.28	130.00	150	Horizontal	Pass

1 GHz to 7 GHz, Band I 11ac40 High channel ANT V

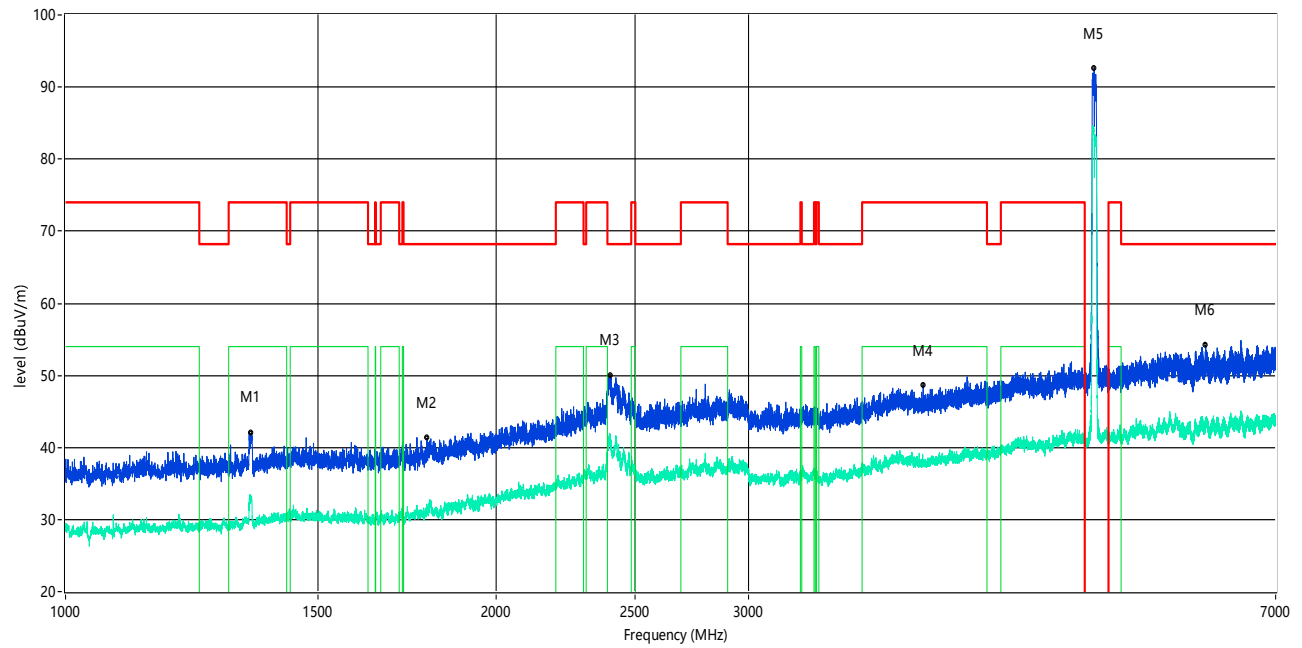
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz 5G_Band1



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Table (o)	Height (cm)	ANT	Verdict
1346.957	42.61	--	32.6	-12.30	74.0	--	54.0	21.40	70.00	150	Vertical	Pass
2090.114	43.81	--	33.5	-7.91	68.2	--	--	24.39	140.00	150	Vertical	Pass
2818.023	47.94	--	36.3	-4.03	74.0	--	54.0	17.70	32.00	150	Vertical	Pass
4196.850	49.29	--	38.5	-2.40	74.0	--	54.0	15.50	75.00	150	Vertical	Pass
5241.845	89.57	--	80.7	0.76	--	--	--	--	275.00	150	Vertical	Pass
6520.685	54.03	--	43.5	5.26	68.2	--	--	14.17	109.00	150	Vertical	Pass

1 GHz to 7 GHz, Band I 11ac40 High channel ANT H

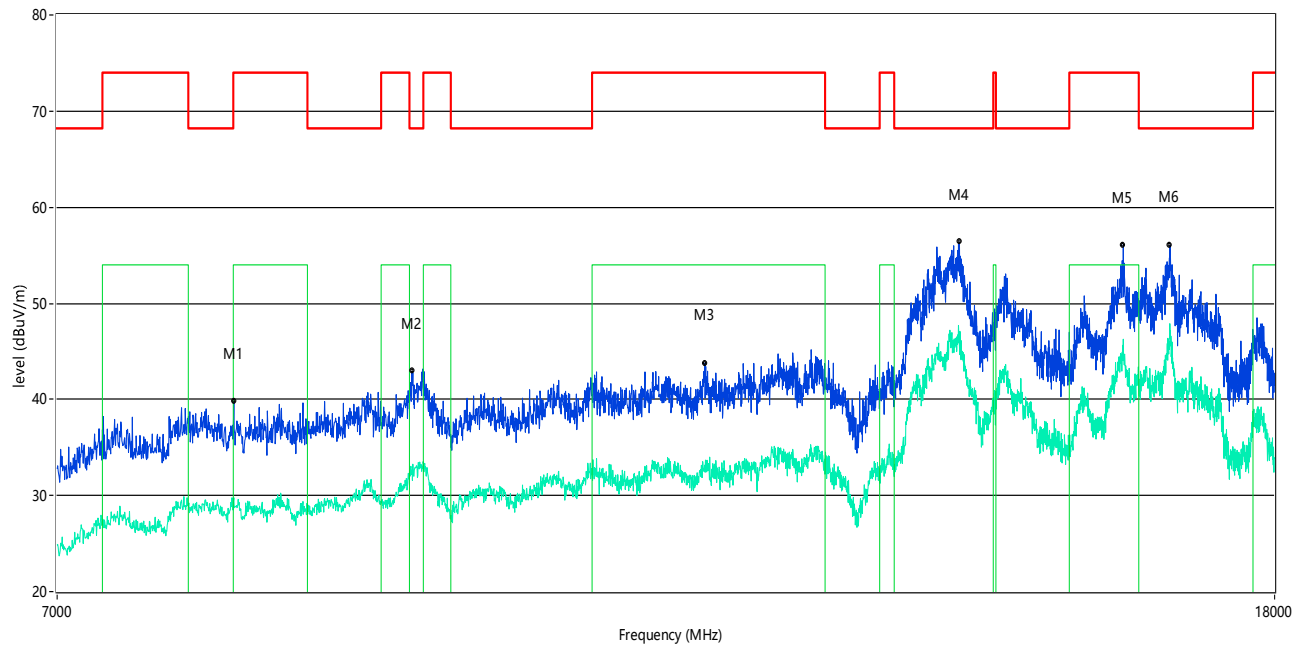
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz 5G_Band1



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Table (o)	Height (cm)	ANT	Verdict
1347.957	41.98	--	32.9	-12.22	74.0	--	54.0	21.10	89.00	150	Horizontal	Pass
1789.151	41.26	--	31.8	-10.71	68.2	--	--	26.94	166.00	150	Horizontal	Pass
2401.075	49.91	--	41.0	-0.11	68.2	--	--	18.29	17.00	150	Horizontal	Pass
3971.504	48.66	--	38.2	-2.96	74.0	--	54.0	15.80	22.00	150	Horizontal	Pass
5228.346	92.53	--	82.6	0.44	--	--	--	--	5.00	150	Horizontal	Pass
6255.593	54.13	--	43.6	4.12	68.2	--	--	14.07	173.00	150	Horizontal	Pass

7 GHz to 18 GHz, Band I 11ac40 Low channel ANT V

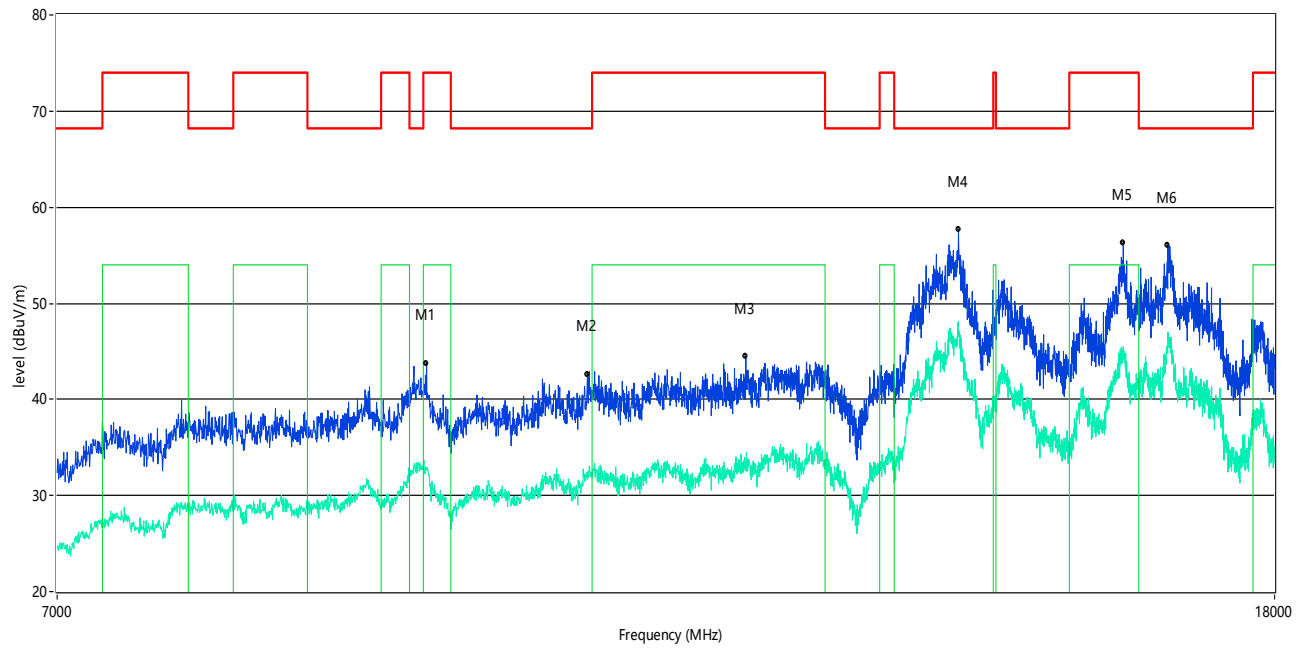
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_7GHz-18GHz_B1



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Table (o)	Height (cm)	ANT	Verdict
8028.243	39.75	--	29.8	-8.82	74.0	--	54.0	24.20	201.00	150	Vertical	Pass
9218.695	42.91	--	32.7	-4.68	68.2	--	--	25.29	345.00	150	Vertical	Pass
11569.358	43.73	--	33.2	-0.96	74.0	--	54.0	20.80	260.00	150	Vertical	Pass
14095.976	56.36	--	45.5	14.77	68.2	--	--	11.84	192.00	150	Vertical	Pass
16006.748	56.09	--	46.3	10.53	74.0	--	54.0	7.70	112.00	150	Vertical	Pass
16597.851	56.05	--	46.3	12.09	68.2	--	--	12.15	187.00	150	Vertical	Pass

7 GHz to 18 GHz, Band I 11ac40 Low channel ANT H

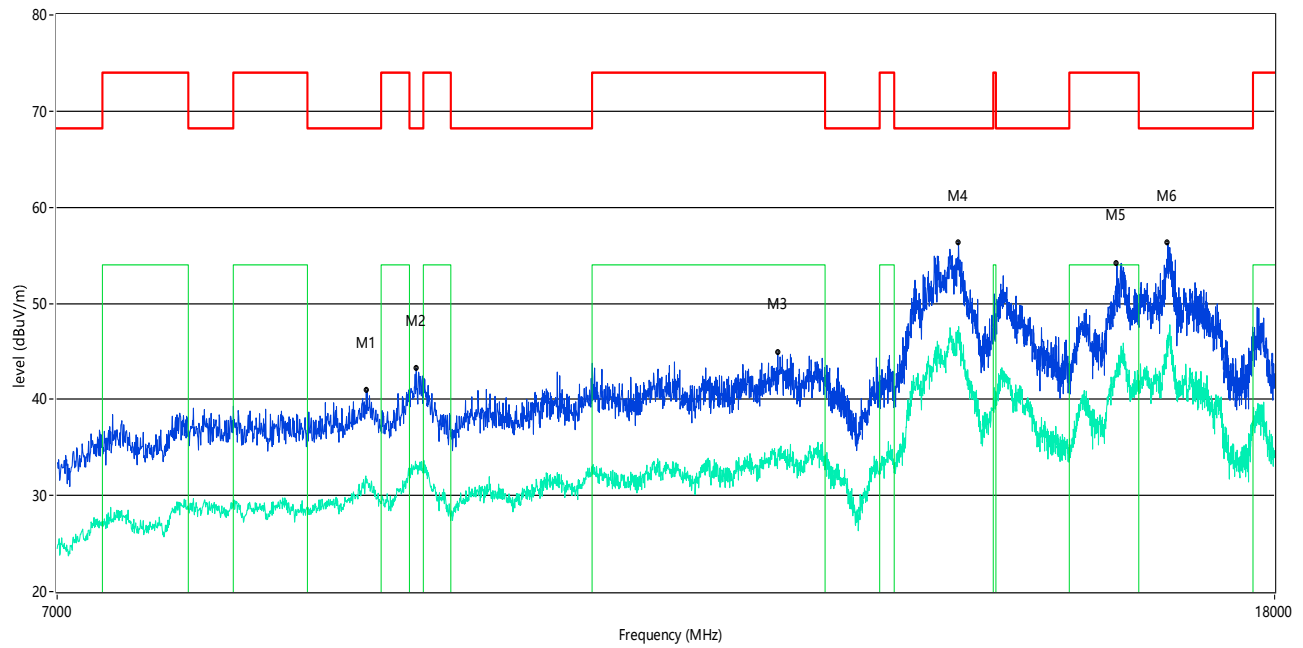
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_7GHz-18GHz_B1



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Table (o)	Height (cm)	ANT	Verdict
9323.169	43.74	--	32.9	-4.51	74.0	--	54.0	21.10	182.00	150	Horizontal	Pass
10563.109	42.63	--	31.7	-2.07	68.2	--	--	25.57	253.00	150	Horizontal	Pass
11943.264	44.48	--	33.1	-0.81	74.0	--	54.0	20.90	40.00	150	Horizontal	Pass
14084.979	57.64	--	48.1	14.84	68.2	--	--	10.56	85.00	150	Horizontal	Pass
16006.748	56.30	--	45.5	10.53	74.0	--	54.0	8.50	178.00	150	Horizontal	Pass
16570.357	56.00	--	47.0	11.38	68.2	--	--	12.20	284.00	150	Horizontal	Pass

7 GHz to 18 GHz, Band I 11ac40 High channel ANT V

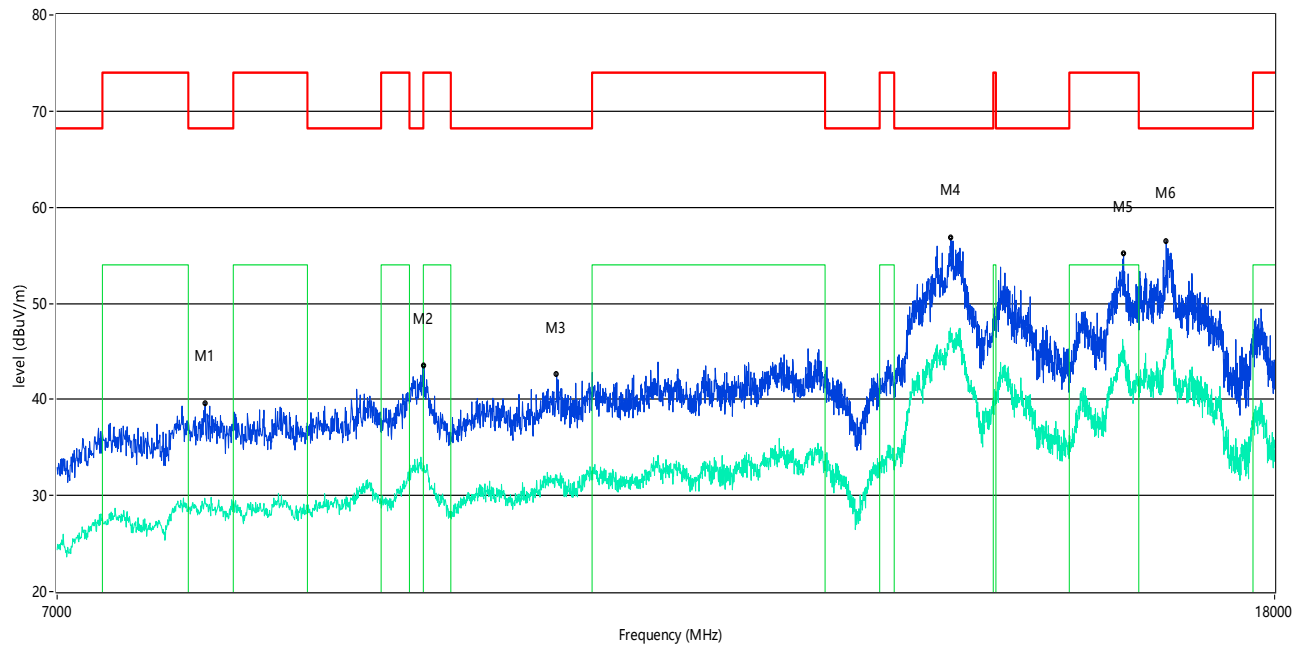
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_7GHz-18GHz_B1



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Table (o)	Height (cm)	ANT	Verdict
8902.524	40.91	--	31.6	-4.93	68.2	--	--	27.29	291.00	150	Vertical	Pass
9248.938	43.21	--	33.2	-4.42	68.2	--	--	24.99	78.00	150	Vertical	Pass
12242.939	44.81	--	34.3	-0.40	74.0	--	54.0	19.70	312.00	150	Vertical	Pass
14084.979	56.30	--	47.1	14.84	68.2	--	--	11.90	56.00	150	Vertical	Pass
15927.018	54.08	--	43.8	7.74	74.0	--	54.0	10.20	52.00	150	Vertical	Pass
16570.357	56.25	--	46.7	11.38	68.2	--	--	11.95	92.00	150	Vertical	Pass

7 GHz to 18 GHz, Band I 11ac40 High channel ANT H

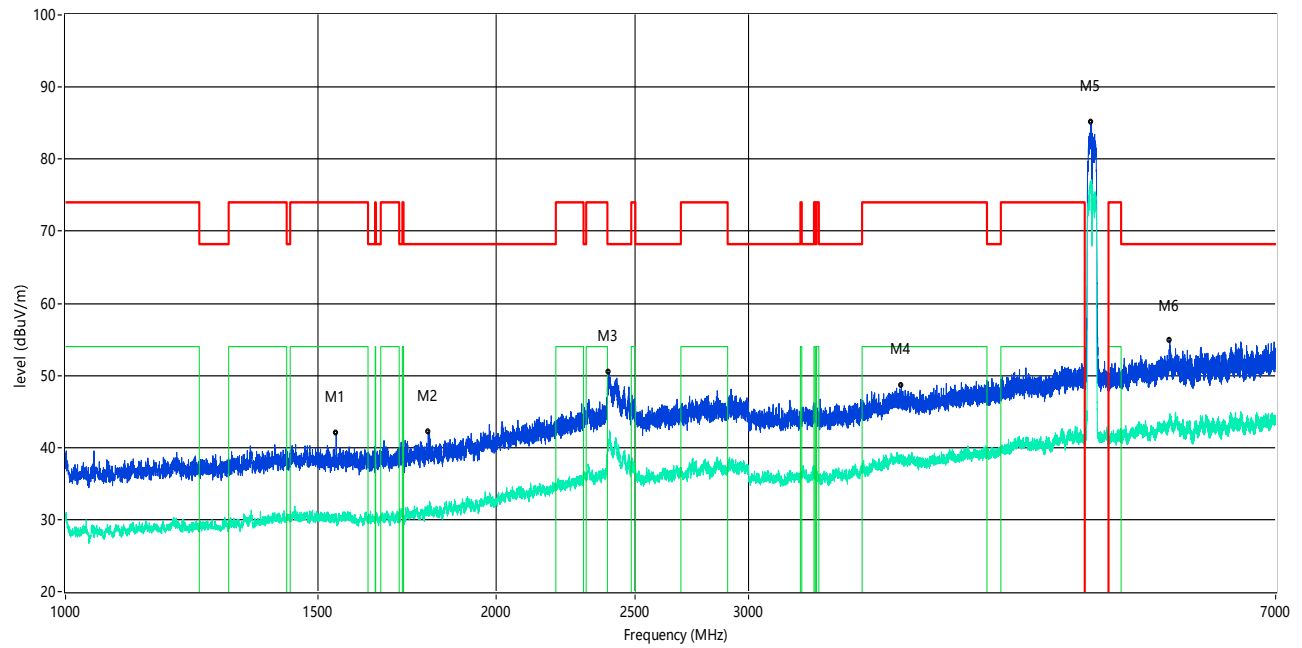
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_7GHz-18GHz_B1



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Table (o)	Height (cm)	ANT	Verdict
7852.287	39.59	--	29.2	-8.52	68.2	--	--	28.61	347.00	150	Horizontal	Pass
9303.924	43.42	--	33.1	-4.11	74.0	--	54.0	20.90	335.00	150	Horizontal	Pass
10312.922	42.54	--	32.1	-2.21	68.2	--	--	25.66	0.00	150	Horizontal	Pass
14002.499	56.75	--	46.6	14.20	68.2	--	--	11.45	333.00	150	Horizontal	Pass
16009.498	55.08	--	45.5	10.44	74.0	--	54.0	8.50	89.00	150	Horizontal	Pass
16548.363	56.43	--	45.0	10.92	68.2	--	--	11.77	291.00	150	Horizontal	Pass

1 GHz to 7 GHz, Band I 11ac80 Middle channel ANT V

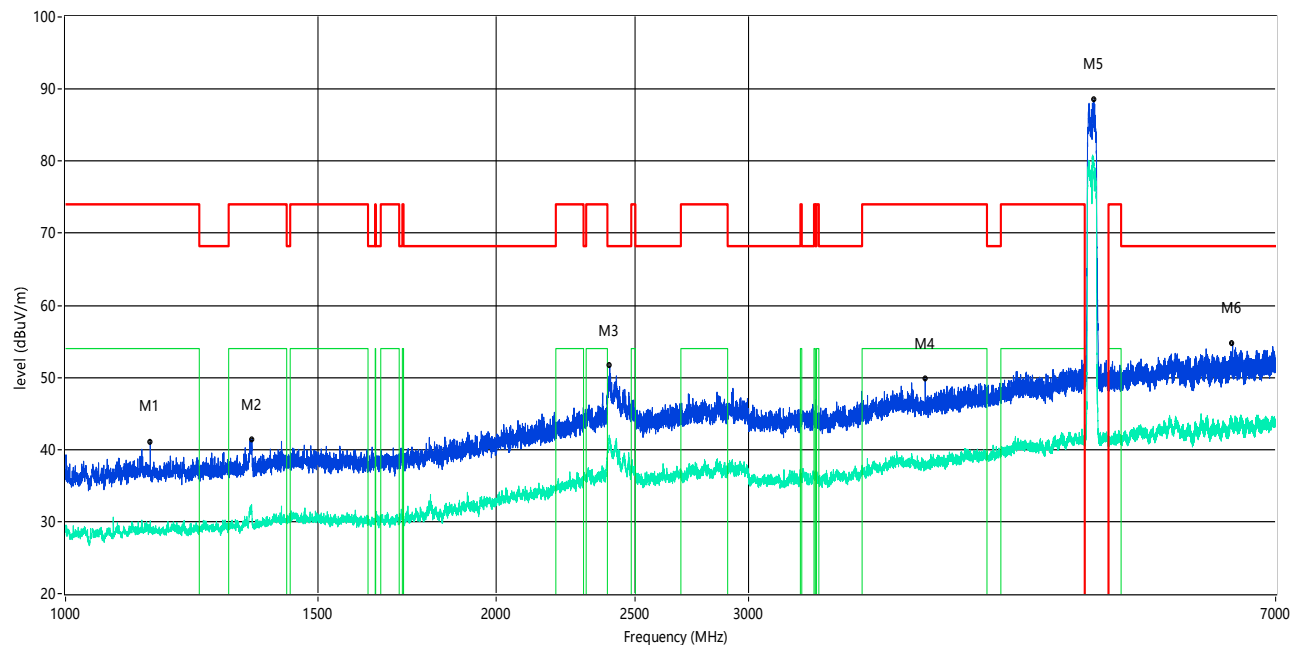
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz 5G_Band1



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Table (o)	Height (cm)	ANT	Verdict
1545.432	41.98	--	30.6	-12.00	74.0	--	54.0	23.40	235.00	150	Vertical	Pass
1791.901	42.11	--	31.3	-10.97	68.2	--	--	26.09	204.00	150	Vertical	Pass
2396.075	50.36	--	41.1	0.06	68.2	--	--	17.84	262.00	150	Vertical	Pass
3834.646	48.55	--	39.0	-2.83	74.0	--	54.0	15.00	313.00	150	Vertical	Pass
5205.099	85.06	--	76.6	0.78	--	--	--	--	100.00	150	Vertical	Pass
5904.387	54.78	--	44.5	3.73	68.2	--	--	13.42	95.00	150	Vertical	Pass

1 GHz to 7 GHz, Band I 11ac80 Middle channel ANT H

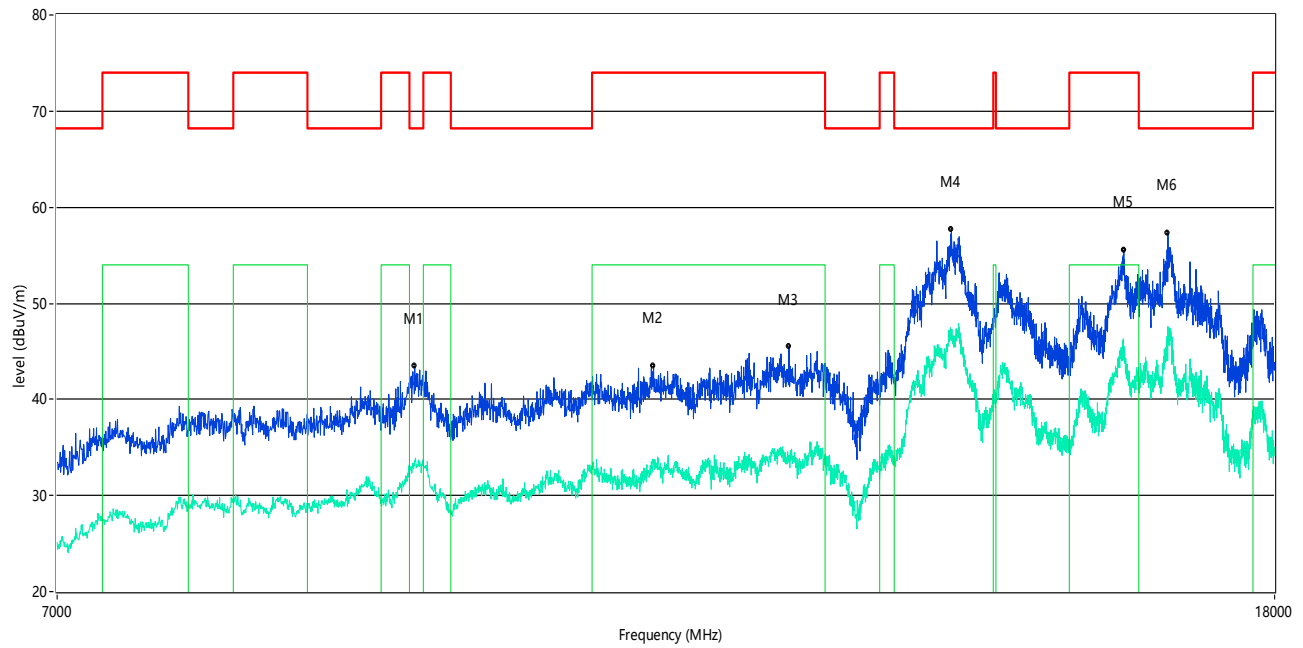
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz 5G_Band1



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Table (o)	Height (cm)	ANT	Verdict
1145.982	41.01	--	30.1	-11.91	74.0	--	54.0	23.90	217.00	150	Horizontal	Pass
1349.206	41.39	--	31.4	-12.22	74.0	--	54.0	22.60	245.00	150	Horizontal	Pass
2398.825	51.58	--	41.3	-0.05	68.2	--	--	16.62	295.00	150	Horizontal	Pass
3984.627	49.81	--	38.4	-3.04	74.0	--	54.0	15.60	15.00	150	Horizontal	Pass
5224.972	88.46	--	79.8	0.63	--	--	--	--	329.00	150	Horizontal	Pass
6532.683	54.67	--	43.4	4.39	68.2	--	--	13.53	269.00	150	Horizontal	Pass

7 GHz to 18 GHz, Band I 11ac80 Middle channel ANT V

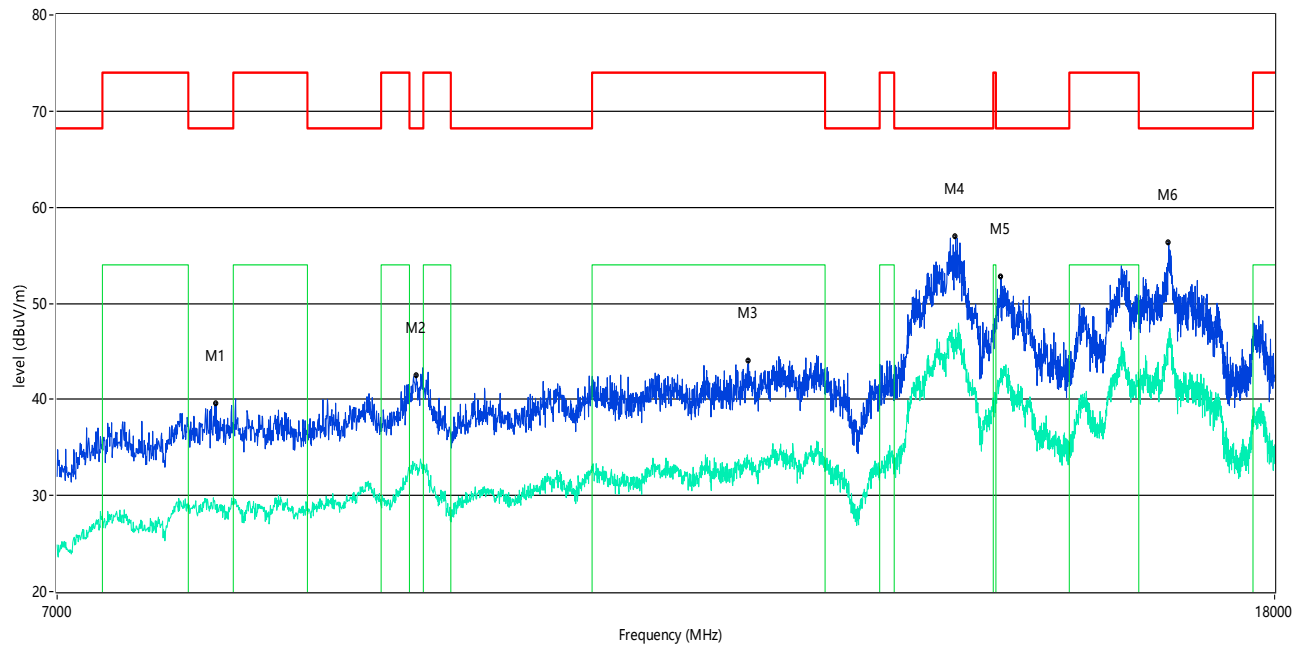
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_7GHz-18GHz_B1



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Table (o)	Height (cm)	ANT	Verdict
9237.941	43.45	--	33.6	-4.58	68.2	--	--	24.75	43.00	150	Vertical	Pass
11118.470	43.45	--	33.4	-1.83	74.0	--	54.0	20.60	79.00	150	Vertical	Pass
12350.162	45.50	--	34.2	-0.65	74.0	--	54.0	19.80	3.00	150	Vertical	Pass
14007.998	57.67	--	46.8	14.26	68.2	--	--	10.53	181.00	150	Vertical	Pass
16012.247	55.55	--	44.7	10.34	74.0	--	54.0	9.30	76.00	150	Vertical	Pass
16570.357	57.35	--	47.6	11.38	68.2	--	--	10.85	3.00	150	Vertical	Pass

7 GHz to 18 GHz, Band I 11ac80 Middle channel ANT H

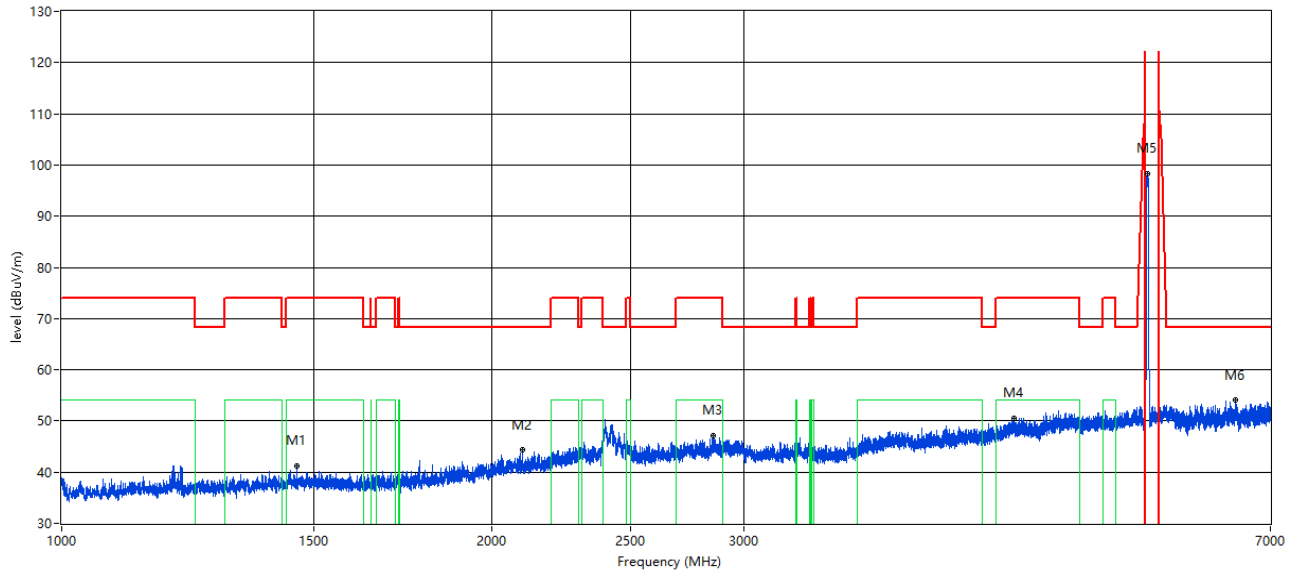
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_7GHz-18GHz_B1



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Table (o)	Height (cm)	ANT	Verdict
7918.270	39.58	--	29.0	-9.01	68.2	--	--	28.62	288.00	150	Horizontal	Pass
9248.938	42.52	--	32.7	-4.42	68.2	--	--	25.68	172.00	150	Horizontal	Pass
11968.008	44.01	--	33.3	-0.85	74.0	--	54.0	20.70	348.00	150	Horizontal	Pass
14054.736	56.93	--	47.3	14.39	68.2	--	--	11.27	245.00	150	Horizontal	Pass
14557.861	52.71	--	43.2	9.71	68.2	--	--	15.49	165.00	150	Horizontal	Pass
16581.355	56.34	--	46.1	11.66	68.2	--	--	11.86	297.00	150	Horizontal	Pass

1 GHz to 7 GHz, Band IV 11a Low channel ANT V

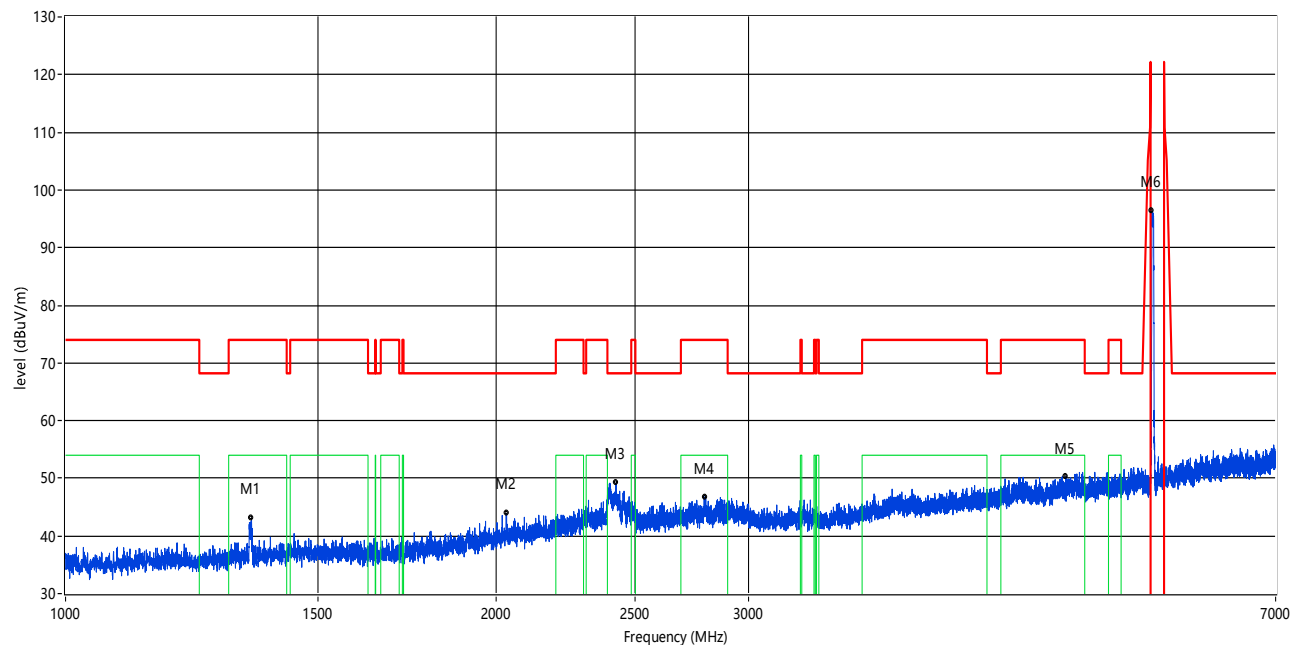
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz 5G_Band4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1459.443	41.22	-11.88	74.0	32.78	Peak	157.00	150	Vertical	Pass
2	2098.113	44.33	-7.73	68.2	23.87	Peak	268.00	150	Vertical	Pass
3	2853.018	47.15	-2.80	74.0	26.85	Peak	173.00	150	Vertical	Pass
4	4629.171	50.55	-0.03	74.0	23.45	Peak	316.00	150	Vertical	Pass
5	5743.157	98.22	1.94	--	87.78	Peak	186.00	150	Vertical	Pass
6	6622.297	54.05	5.26	68.2	14.15	Peak	81.00	150	Vertical	Pass

1 GHz to 7 GHz, Band IV 11a Low channel ANT H

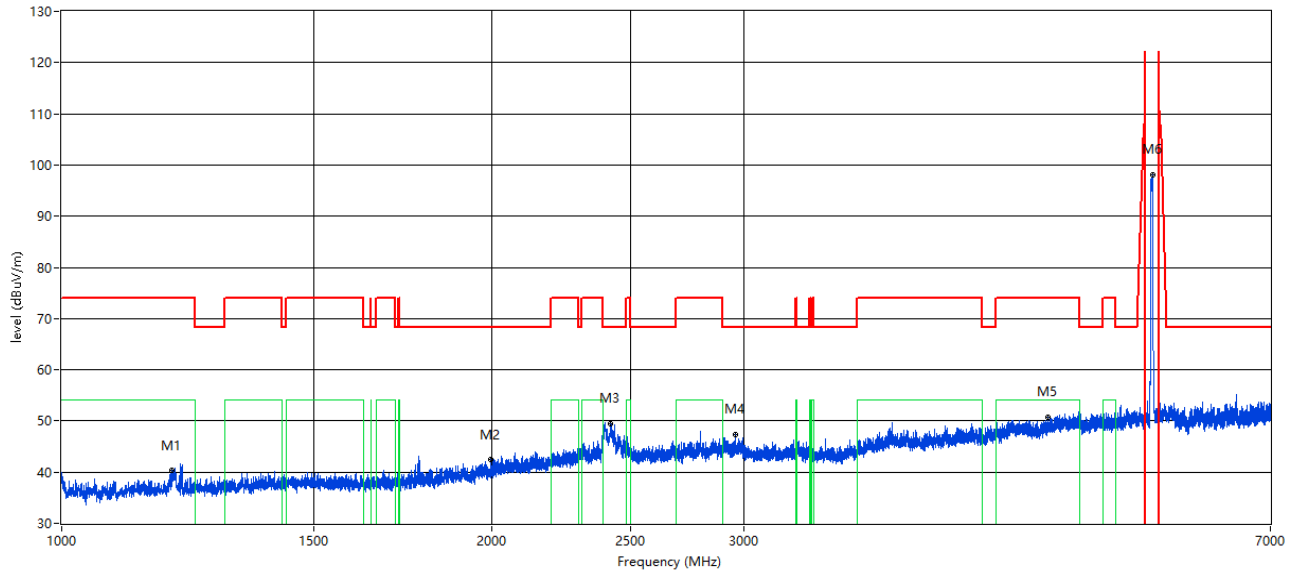
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz 5G_Band4



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Table (o)	Height (cm)	ANT	Verdict
1348.456	43.08	--	--	-12.19	74.0	--	54.0	10.92	239.00	150	Horizontal	Pass
2032.371	43.87	--	--	-7.78	68.2	--	--	24.33	260.00	150	Horizontal	Pass
2423.322	49.14	--	--	-0.88	68.2	--	--	19.06	138.00	150	Horizontal	Pass
2796.275	46.61	--	--	-2.60	74.0	--	54.0	7.39	2.00	150	Horizontal	Pass
4997.750	50.23	--	--	0.90	74.0	--	54.0	3.77	348.00	150	Horizontal	Pass
5738.283	96.38	--	--	1.88	--	--	--	--	80.00	150	Horizontal	Pass

1 GHz to 7 GHz, Band IV 11a Middle channel ANT V

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)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1194.226	40.41	-12.15	74.0	33.59	Peak	143.00	150	Vertical	Pass
2	1995.876	42.50	-8.83	68.2	25.70	Peak	64.00	150	Vertical	Pass
3	2419.573	49.41	-0.76	68.2	18.79	Peak	341.00	150	Vertical	Pass
4	2956.005	47.40	-3.46	68.2	20.80	Peak	48.00	150	Vertical	Pass
5	4894.638	50.65	0.33	74.0	23.35	Peak	172.00	150	Vertical	Pass
6	5789.276	98.12	2.44	--	172.88	Peak	271.00	150	Vertical	Pass