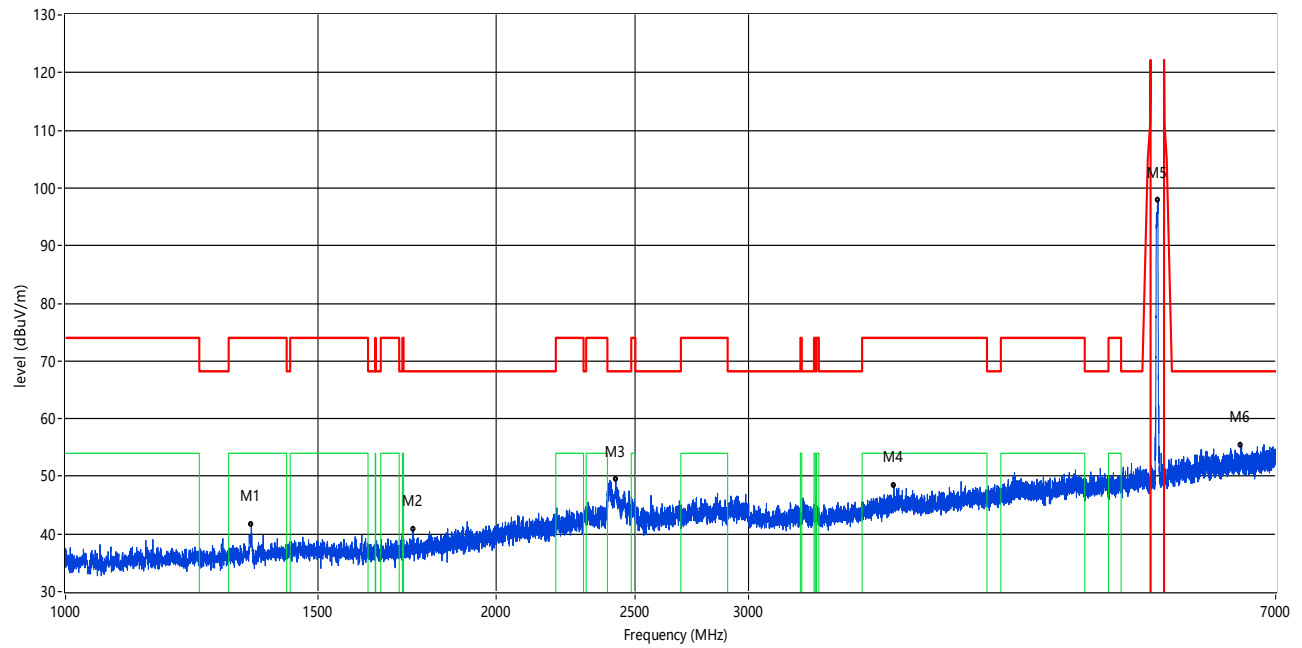


1 GHz to 7 GHz, Band IV 11a Middle channel ANT H

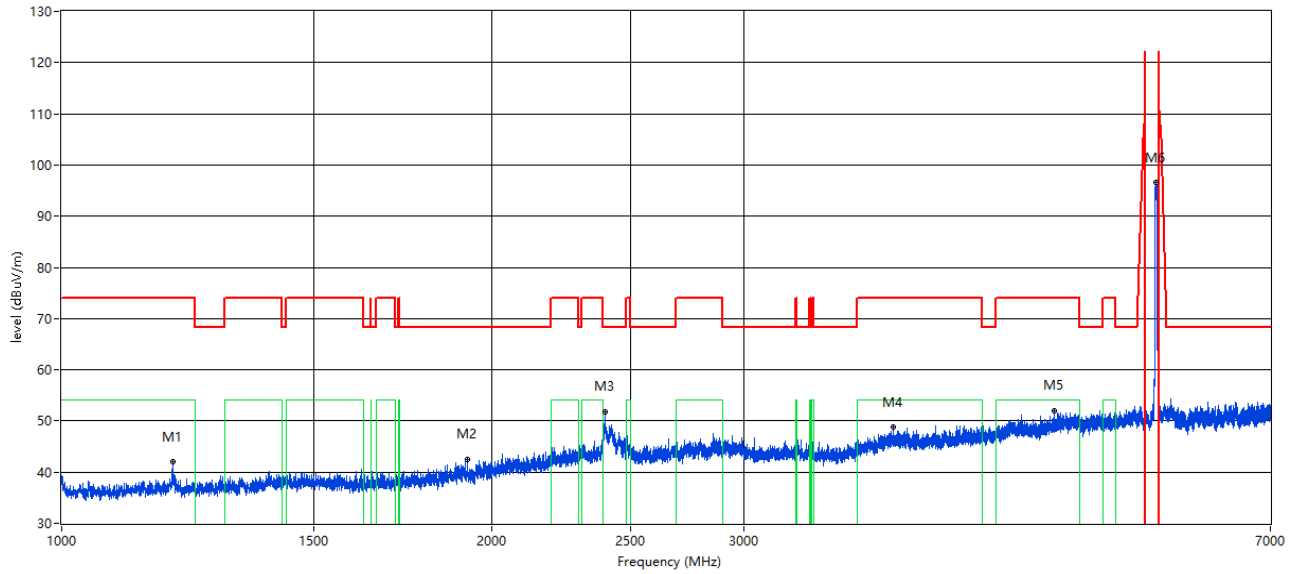
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz 5G_Band4



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
1348.206	41.70	--	--	-12.20	74.0	--	54.0	12.30	162.00	150	Horizontal	Pass
1748.406	40.76	--	--	-11.39	68.2	--	--	27.44	2.00	150	Horizontal	Pass
2421.322	49.37	--	--	-0.81	68.2	--	--	18.83	236.00	150	Horizontal	Pass
3788.526	48.45	--	--	-2.93	74.0	--	54.0	5.55	179.00	150	Horizontal	Pass
5790.776	97.84	--	--	2.48	--	--	--	--	44.00	150	Horizontal	Pass
6620.797	55.44	--	--	5.37	68.2	--	--	12.76	318.00	150	Horizontal	Pass

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

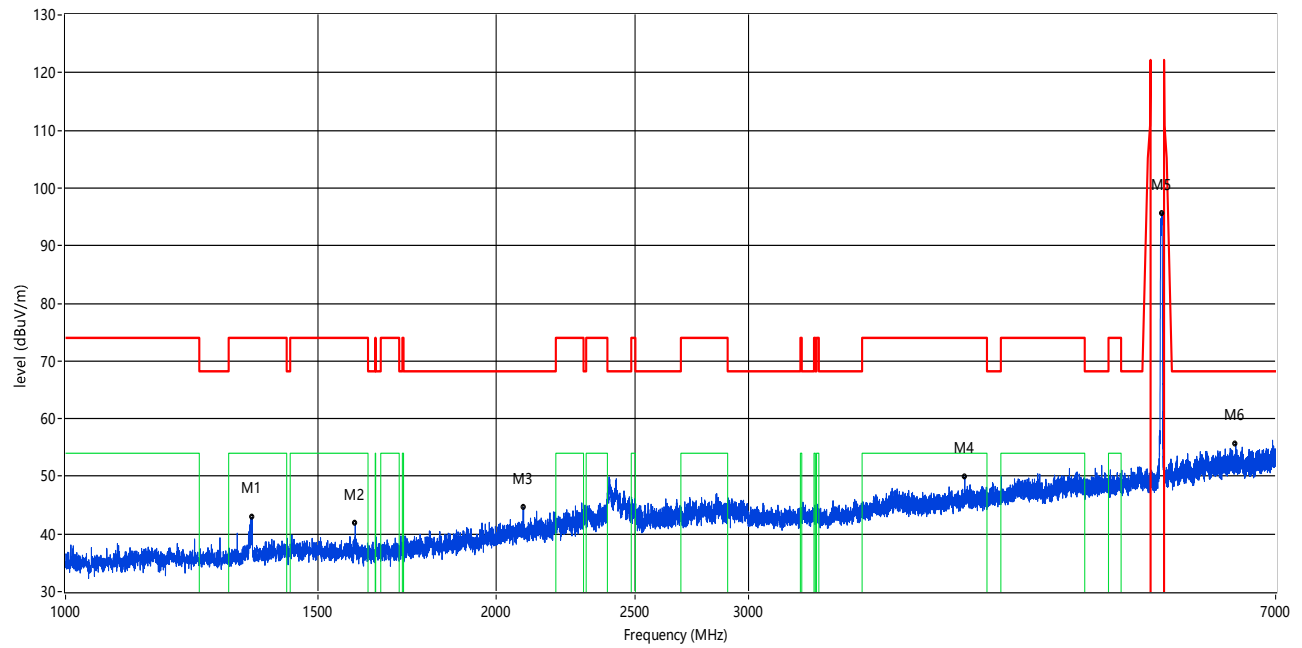
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz 5G_Band4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1195.226	41.99	-12.15	74.0	32.01	Peak	4.00	150	Vertical	Pass
2	1920.385	42.44	-9.69	68.2	25.76	Peak	113.00	150	Vertical	Pass
3	2399.075	51.83	-0.06	68.2	16.37	Peak	3.00	150	Vertical	Pass
4	3817.398	48.72	-3.32	74.0	25.28	Peak	267.00	150	Vertical	Pass
5	4945.632	51.96	0.34	74.0	22.04	Peak	38.00	150	Vertical	Pass
6	5819.648	96.50	2.73	--	238.50	Peak	335.00	150	Vertical	Pass

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

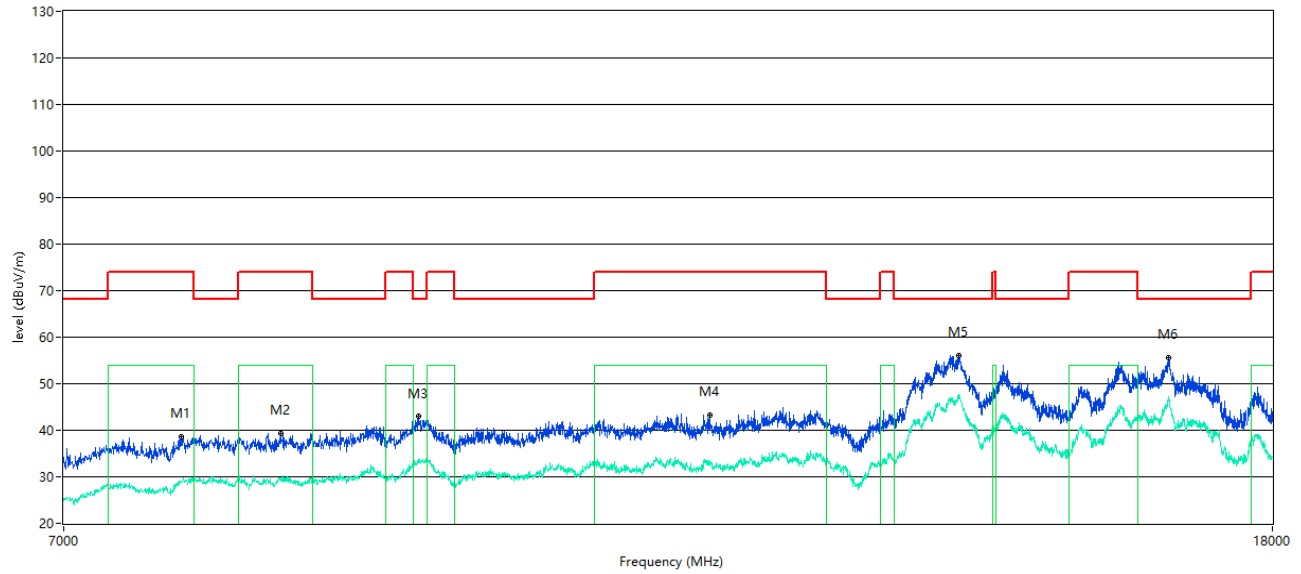
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz 5G_Band4



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
1349.456	42.87	--	--	-12.24	74.0	--	54.0	11.13	25.00	150	Horizontal	Pass
1593.176	41.74	--	--	-11.97	74.0	--	54.0	12.26	112.00	150	Horizontal	Pass
2088.614	44.63	--	--	-7.73	68.2	--	--	23.57	71.00	150	Horizontal	Pass
4245.969	49.90	--	--	-2.14	74.0	--	54.0	4.10	278.00	150	Horizontal	Pass
5828.271	95.49	--	--	2.42	--	--	--	--	4.00	150	Horizontal	Pass
6565.429	55.67	--	--	5.70	68.2	--	--	12.53	220.00	150	Horizontal	Pass

7 GHz to 18 GHz, Band IV 11a Low channel ANT V

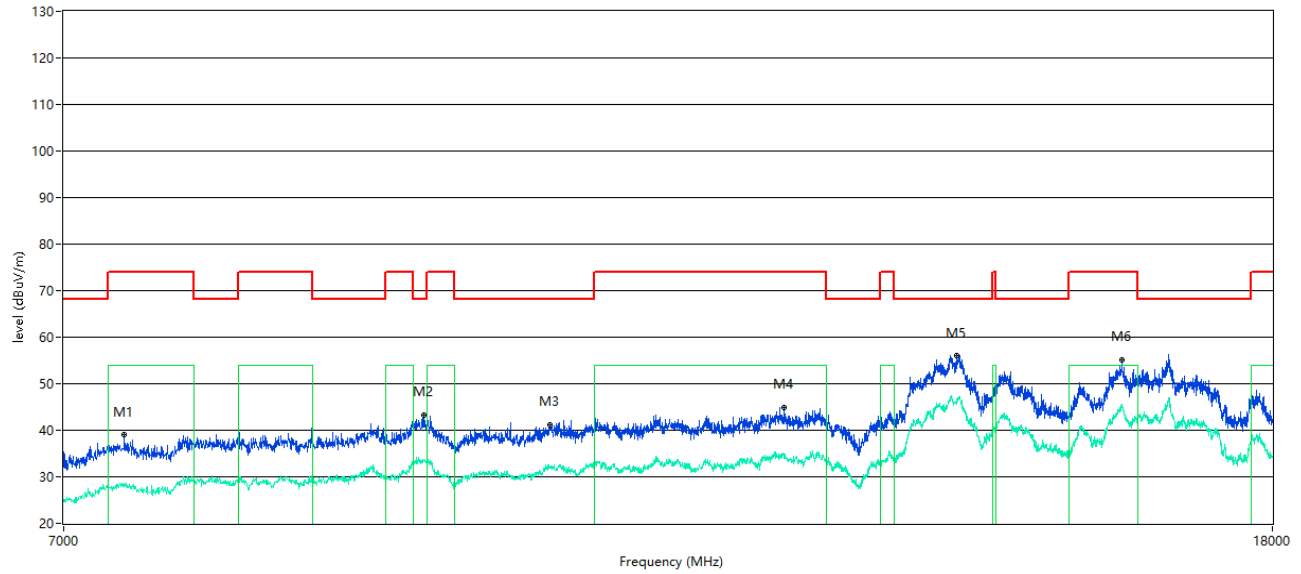
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	7676.331	28.8	-8.20	54.0	25.20	AV	143.00	150	Vertical	Pass
1	7676.331	38.64	-8.20	74.0	35.36	Peak	143.00	150	Vertical	Pass
2**	8292.177	29.4	-6.82	54.0	24.60	AV	1.00	150	Vertical	Pass
2	8292.177	39.36	-6.82	74.0	34.64	Peak	1.00	150	Vertical	Pass
3**	9240.690	33.3	-4.57	--	-33.30	AV	75.00	150	Vertical	N/A
3	9240.690	42.97	-4.57	68.2	25.23	Peak	75.00	150	Vertical	Pass
4**	11594.101	33.5	-0.88	54.0	20.50	AV	355.00	150	Vertical	Pass
4	11594.101	43.23	-0.88	74.0	30.77	Peak	355.00	150	Vertical	Pass
5**	14084.979	47.0	14.84	--	-47.00	AV	324.00	150	Vertical	N/A
5	14084.979	56.14	14.84	68.2	12.06	Peak	324.00	150	Vertical	Pass
6**	16603.349	46.9	12.02	--	-46.90	AV	36.00	150	Vertical	N/A
6	16603.349	55.52	12.02	68.2	12.68	Peak	36.00	150	Vertical	Pass

7 GHz to 18 GHz, Band IV 11a Low channel ANT H

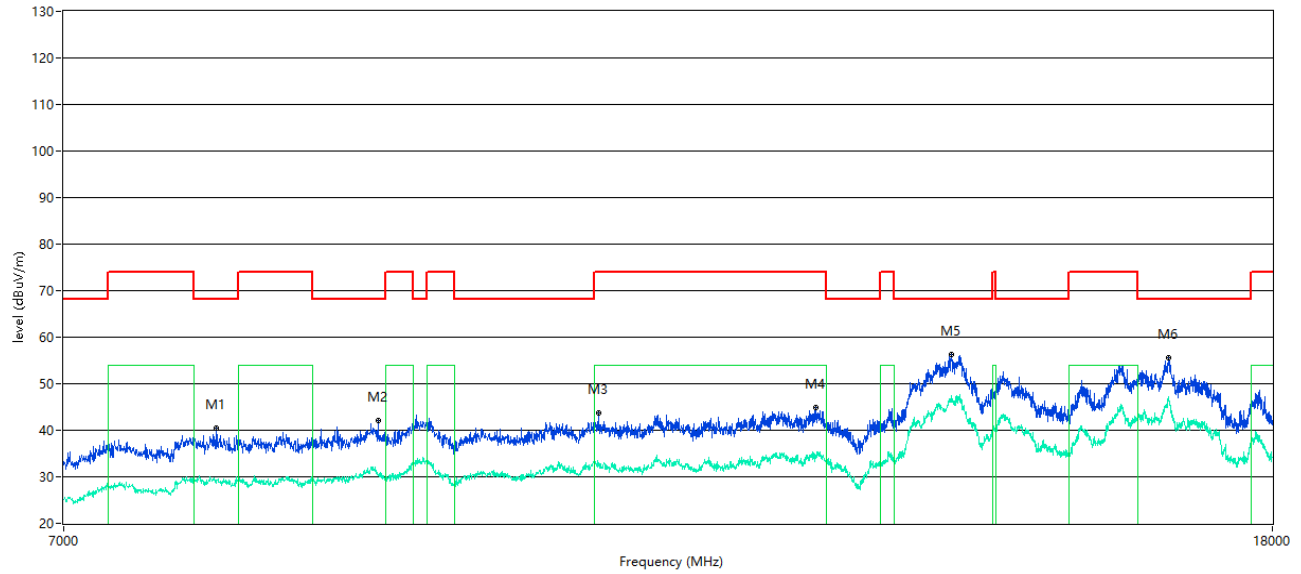
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	7340.915	28.0	-9.30	54.0	26.00	AV	5.00	150	Horizontal	Pass
1	7340.915	39.00	-9.30	74.0	35.00	Peak	5.00	150	Horizontal	Pass
2**	9276.431	33.5	-4.13	--	-33.50	AV	149.00	150	Horizontal	N/A
2	9276.431	43.29	-4.13	68.2	24.91	Peak	149.00	150	Horizontal	Pass
3**	10235.941	32.0	-2.24	--	-32.00	AV	357.00	150	Horizontal	N/A
3	10235.941	41.07	-2.24	68.2	27.13	Peak	357.00	150	Horizontal	Pass
4**	12292.427	34.2	-0.36	54.0	19.80	AV	101.00	150	Horizontal	Pass
4	12292.427	44.79	-0.36	74.0	29.21	Peak	101.00	150	Horizontal	Pass
5**	14060.235	46.5	14.46	--	-46.50	AV	47.00	150	Horizontal	N/A
5	14060.235	56.01	14.46	68.2	12.19	Peak	47.00	150	Horizontal	Pass
6**	16001.250	45.4	10.71	54.0	8.60	AV	76.00	150	Horizontal	Pass
6	16001.250	55.05	10.71	74.0	18.95	Peak	76.00	150	Horizontal	Pass

7 GHz to 18 GHz, Band IV 11a Middle channel ANT V

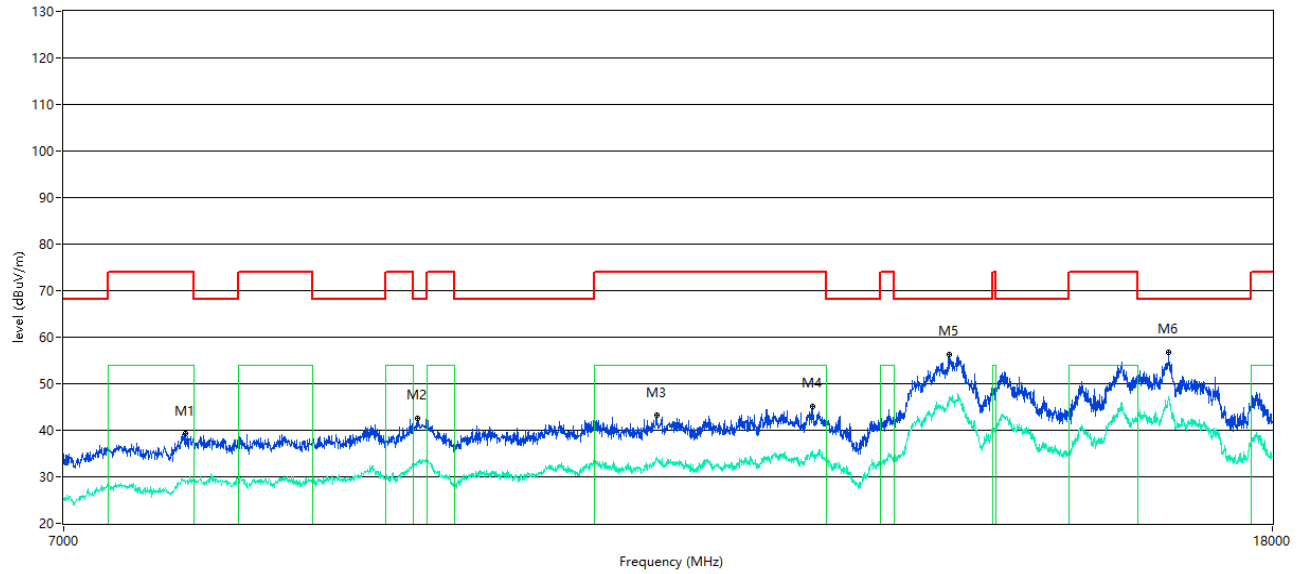
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	7888.028	29.3	-8.75	--	-29.30	AV	2.00	150	Vertical	N/A
1	7888.028	40.55	-8.75	68.2	27.65	Peak	2.00	150	Vertical	Pass
2**	8949.263	30.5	-6.29	--	-30.50	AV	248.00	150	Vertical	N/A
2	8949.263	42.01	-6.29	68.2	26.19	Peak	248.00	150	Vertical	Pass
3**	10629.093	32.9	-1.69	54.0	21.10	AV	350.00	150	Vertical	Pass
3	10629.093	43.69	-1.69	74.0	30.31	Peak	350.00	150	Vertical	Pass
4**	12603.099	34.6	0.29	54.0	19.40	AV	235.00	150	Vertical	Pass
4	12603.099	44.87	0.29	74.0	29.13	Peak	235.00	150	Vertical	Pass
5**	14002.499	47.4	14.20	--	-47.40	AV	32.00	150	Vertical	N/A
5	14002.499	56.20	14.20	68.2	12.00	Peak	32.00	150	Vertical	Pass
6**	16597.851	47.3	12.09	--	-47.30	AV	185.00	150	Vertical	N/A
6	16597.851	55.54	12.09	68.2	12.66	Peak	185.00	150	Vertical	Pass

7 GHz to 18 GHz, Band IV 11a Middle channel ANT H

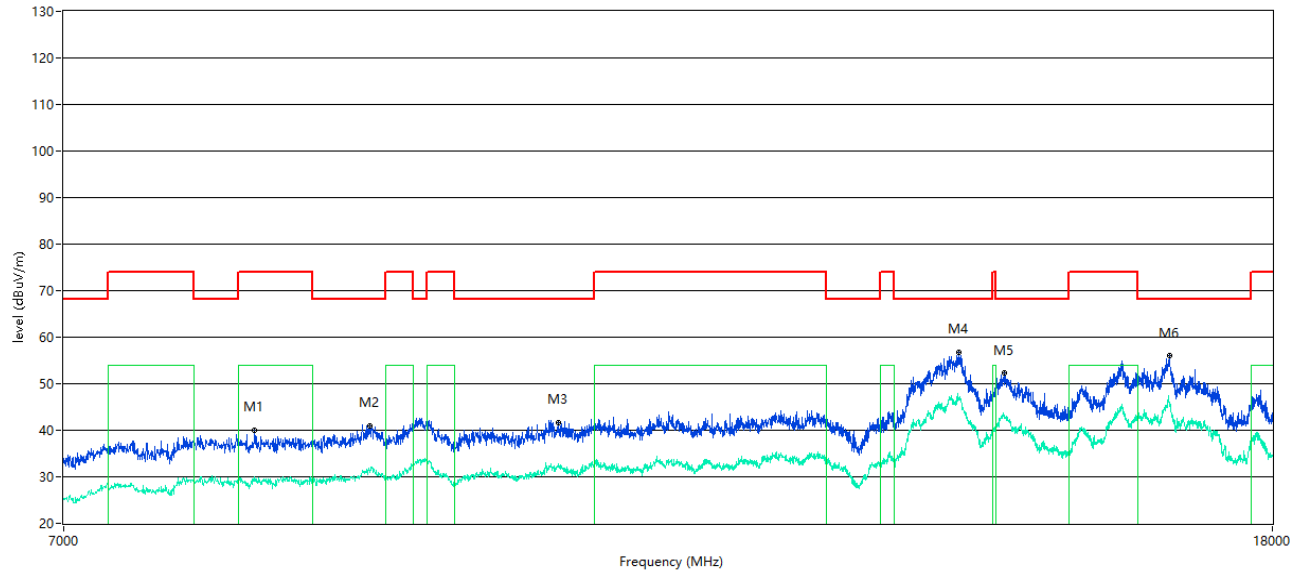
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	7701.075	28.7	-7.75	54.0	25.30	AV	36.00	150	Horizontal	Pass
1	7701.075	39.23	-7.75	74.0	34.77	Peak	36.00	150	Horizontal	Pass
2**	9232.442	33.1	-4.61	--	-33.10	AV	323.00	150	Horizontal	N/A
2	9232.442	42.46	-4.61	68.2	25.74	Peak	323.00	150	Horizontal	Pass
3**	11126.718	33.7	-1.91	54.0	20.30	AV	32.00	150	Horizontal	Pass
3	11126.718	43.33	-1.91	74.0	30.67	Peak	32.00	150	Horizontal	Pass
4**	12570.107	35.7	-0.02	54.0	18.30	AV	13.00	150	Horizontal	Pass
4	12570.107	45.12	-0.02	74.0	28.88	Peak	13.00	150	Horizontal	Pass
5**	13988.753	46.6	13.92	--	-46.60	AV	172.00	150	Horizontal	N/A
5	13988.753	56.35	13.92	68.2	11.85	Peak	172.00	150	Horizontal	Pass
6**	16597.851	47.3	12.09	--	-47.30	AV	209.00	150	Horizontal	N/A
6	16597.851	56.75	12.09	68.2	11.45	Peak	209.00	150	Horizontal	Pass

7 GHz to 18 GHz, Band IV 11a High channel ANT V

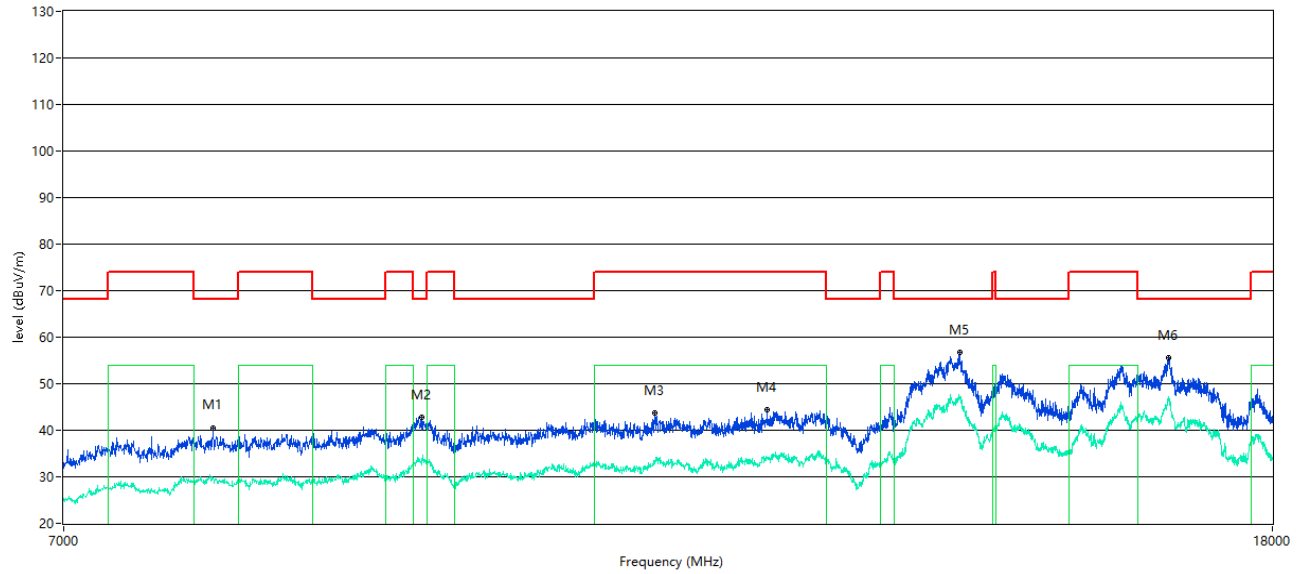
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	8127.218	29.7	-7.75	54.0	24.30	AV	246.00	150	Vertical	Pass
1	8127.218	40.01	-7.75	74.0	33.99	Peak	246.00	150	Vertical	Pass
2**	8894.276	31.3	-5.05	--	-31.30	AV	301.00	150	Vertical	N/A
2	8894.276	40.96	-5.05	68.2	27.24	Peak	301.00	150	Vertical	Pass
3**	10299.175	32.4	-2.01	--	-32.40	AV	34.00	150	Vertical	N/A
3	10299.175	41.62	-2.01	68.2	26.58	Peak	34.00	150	Vertical	Pass
4**	14087.728	47.0	14.85	--	-47.00	AV	63.00	150	Vertical	N/A
4	14087.728	56.69	14.85	68.2	11.51	Peak	63.00	150	Vertical	Pass
5**	14593.602	43.0	10.33	--	-43.00	AV	341.00	150	Vertical	N/A
5	14593.602	52.25	10.33	68.2	15.95	Peak	341.00	150	Vertical	Pass
6**	16608.848	45.6	11.82	--	-45.60	AV	36.00	150	Vertical	N/A
6	16608.848	56.00	11.82	68.2	12.20	Peak	36.00	150	Vertical	Pass

7 GHz to 18 GHz, Band IV 11a High channel ANT H

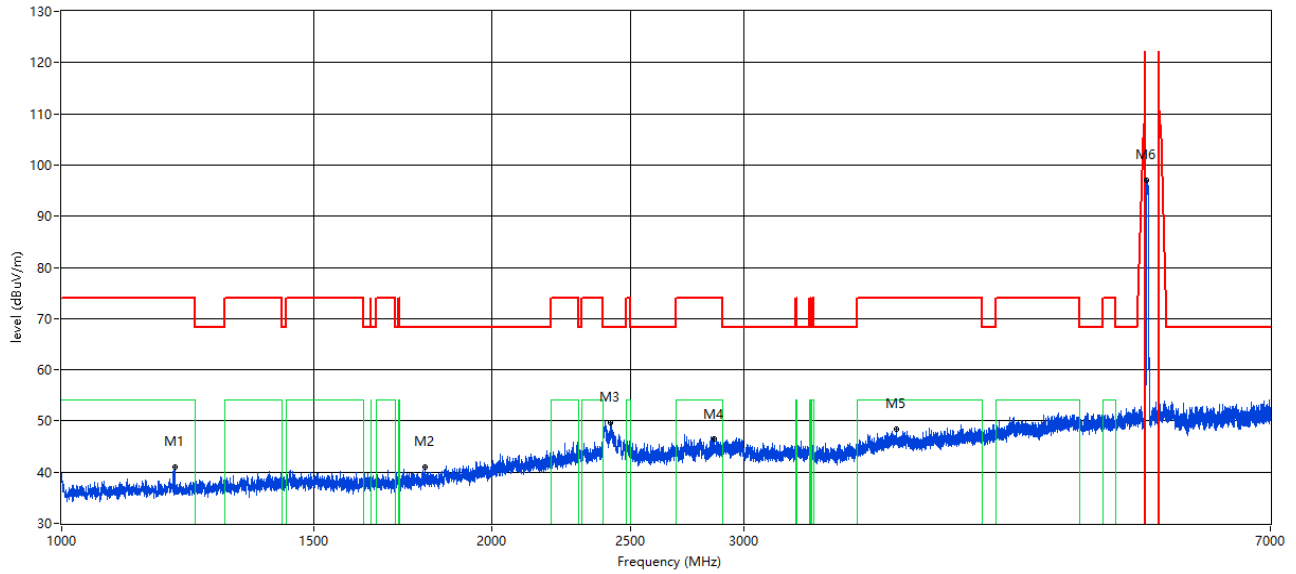
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	7868.783	29.4	-8.67	--	-29.40	AV	51.00	150	Horizontal	N/A
1	7868.783	40.49	-8.67	68.2	27.71	Peak	51.00	150	Horizontal	Pass
2**	9262.684	33.9	-4.23	--	-33.90	AV	265.00	150	Horizontal	N/A
2	9262.684	42.67	-4.23	68.2	25.53	Peak	265.00	150	Horizontal	Pass
3**	11112.972	33.5	-1.83	54.0	20.50	AV	193.00	150	Horizontal	Pass
3	11112.972	43.73	-1.83	74.0	30.27	Peak	193.00	150	Horizontal	Pass
4**	12130.217	33.9	-0.91	54.0	20.10	AV	162.00	150	Horizontal	Pass
4	12130.217	44.38	-0.91	74.0	29.62	Peak	162.00	150	Horizontal	Pass
5**	14098.725	47.0	14.80	--	-47.00	AV	144.00	150	Horizontal	N/A
5	14098.725	56.69	14.80	68.2	11.51	Peak	144.00	150	Horizontal	Pass
6**	16592.352	46.2	11.91	--	-46.20	AV	333.00	150	Horizontal	N/A
6	16592.352	55.48	11.91	68.2	12.72	Peak	333.00	150	Horizontal	Pass

1 GHz to 7 GHz, Band IV 11n20 Low channel ANT V

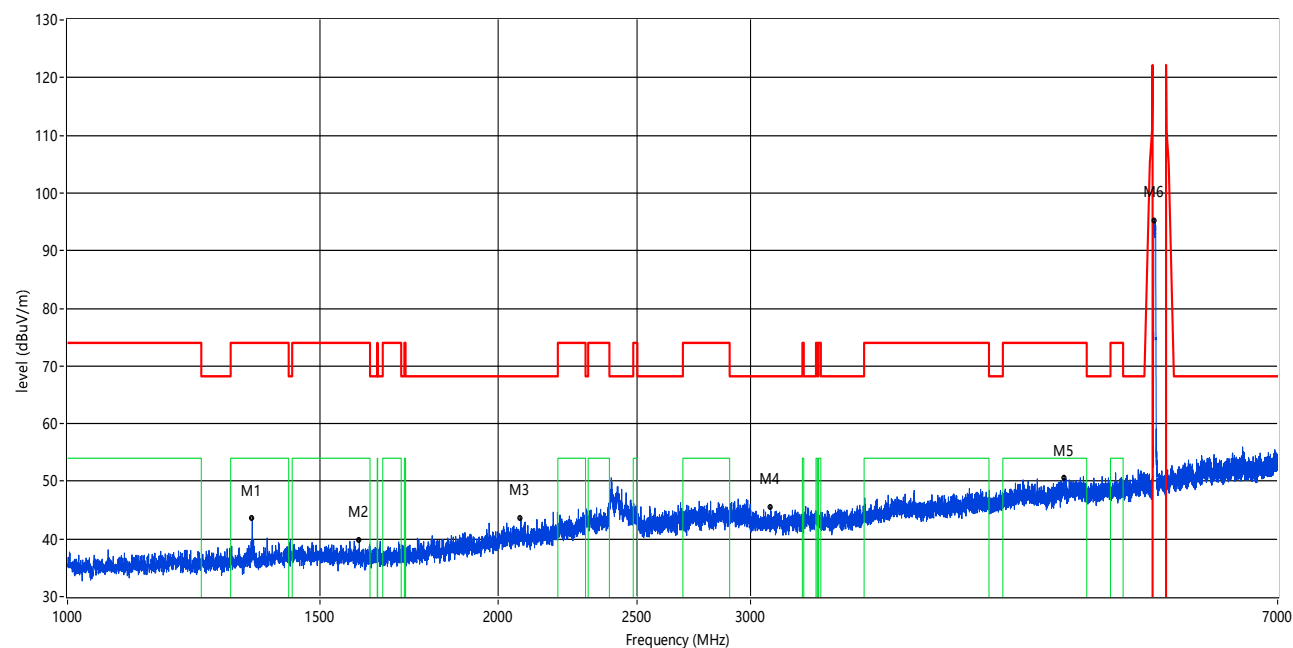
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz 5G_Band4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1199.225	40.89	-12.20	74.0	33.11	Peak	301.00	150	Vertical	Pass
2	1796.150	40.96	-10.88	68.2	27.24	Peak	2.00	150	Vertical	Pass
3	2419.823	49.60	-0.77	68.2	18.60	Peak	195.00	150	Vertical	Pass
4	2860.517	46.40	-3.43	74.0	27.60	Peak	3.00	150	Vertical	Pass
5	3830.896	48.49	-2.94	74.0	25.51	Peak	181.00	150	Vertical	Pass
6	5738.283	97.00	1.88	--	116.00	Peak	213.00	150	Vertical	Pass

1 GHz to 7 GHz, Band IV 11n20 Low channel ANT H

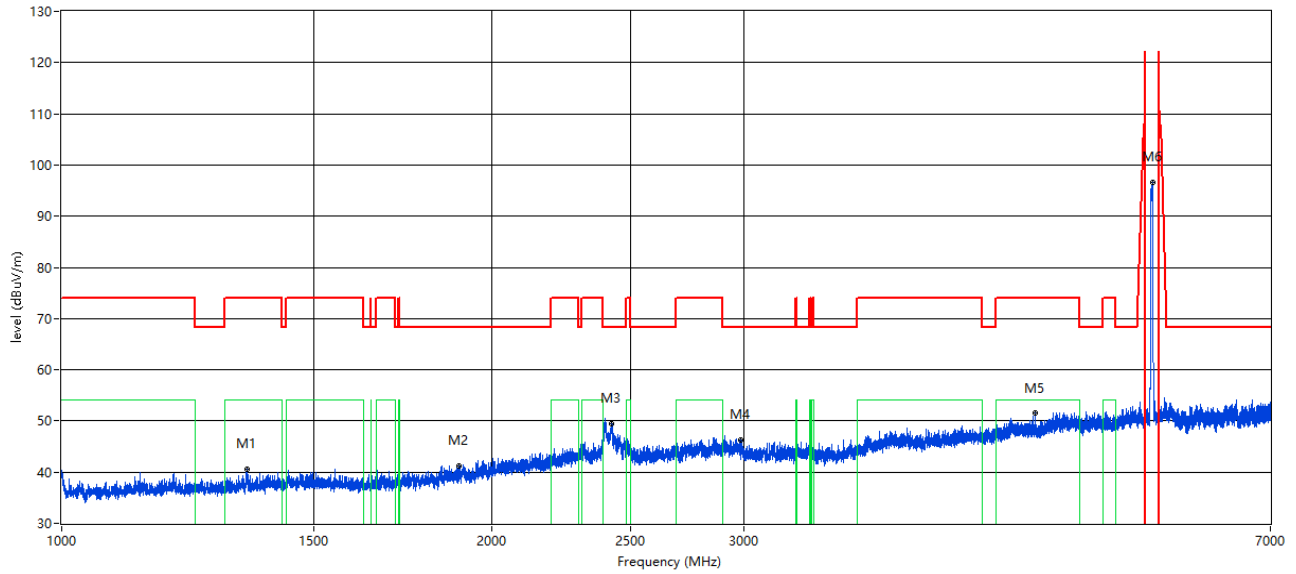
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz 5G_Band4



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
1345.957	43.53	--	--	-12.38	74.0	--	54.0	10.47	349.00	150	Horizontal	Pass
1598.675	39.79	--	--	-12.52	74.0	--	54.0	14.21	206.00	150	Horizontal	Pass
2073.116	43.60	--	--	-7.45	68.2	--	--	24.60	165.00	150	Horizontal	Pass
3097.488	45.44	--	--	-4.77	68.2	--	--	22.76	143.00	150	Horizontal	Pass
4965.504	50.55	--	--	1.40	74.0	--	54.0	3.45	53.00	150	Horizontal	Pass
5741.657	95.18	--	--	1.91	--	--	--	--	222.00	150	Horizontal	Pass

1 GHz to 7 GHz, Band IV 11n20 Middle channel ANT V

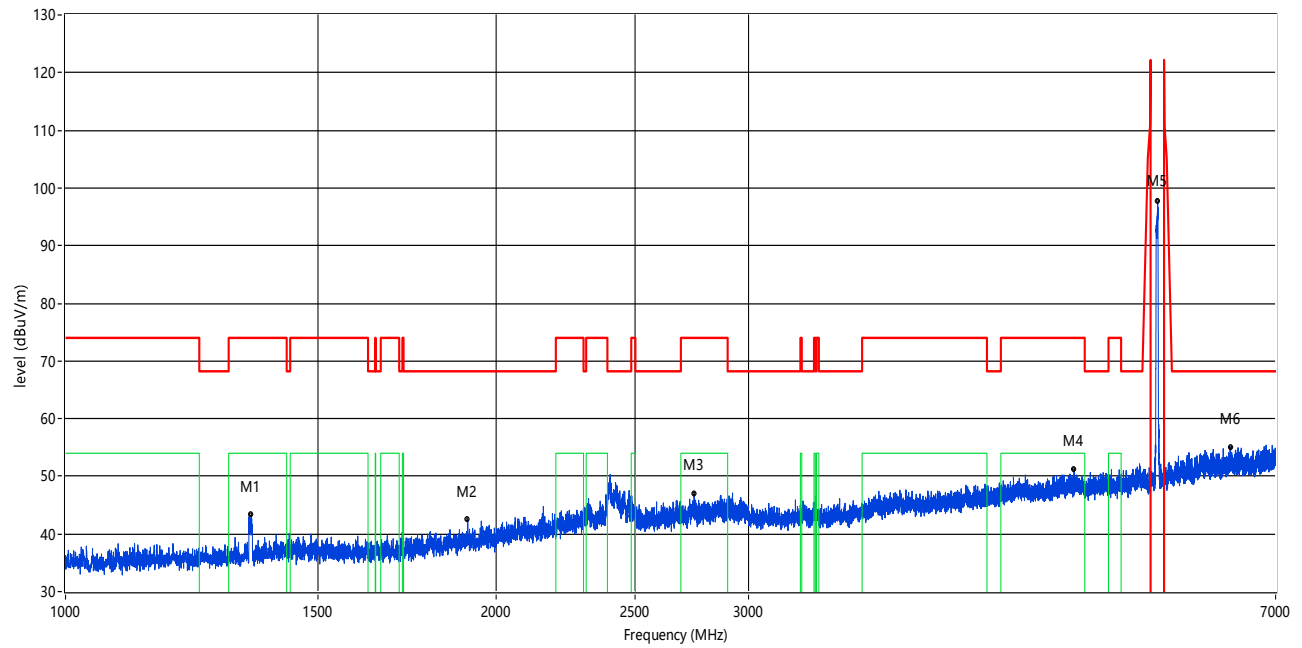
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz 5G_Band4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1348.706	40.55	-12.17	74.0	33.45	Peak	210.00	150	Vertical	Pass
2	1895.888	41.23	-9.77	68.2	26.97	Peak	171.00	150	Vertical	Pass
3	2422.322	49.39	-0.83	68.2	18.81	Peak	7.00	150	Vertical	Pass
4	2984.252	46.24	-3.46	68.2	21.96	Peak	209.00	150	Vertical	Pass
5	4792.651	51.51	-0.20	74.0	22.49	Peak	125.00	150	Vertical	Pass
6	5791.901	96.66	2.51	--	147.34	Peak	244.00	150	Vertical	Pass

1 GHz to 7 GHz, Band IV 11n20 Middle channel ANT H

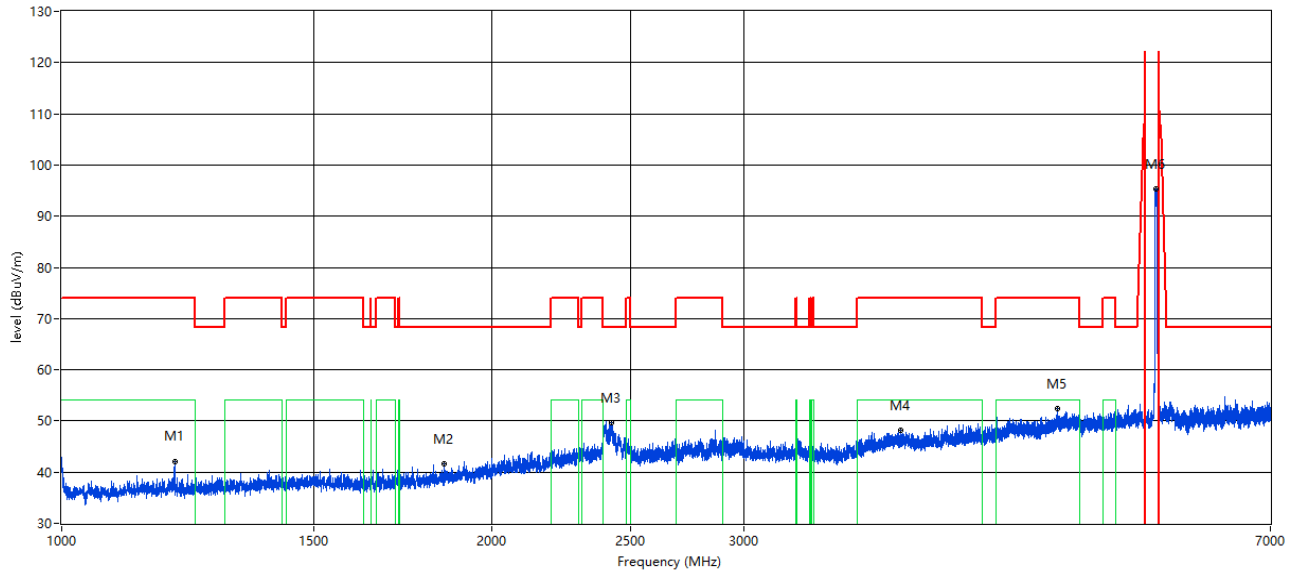
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz 5G_Band4



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
1347.707	43.23	--	--	-12.24	74.0	--	54.0	10.77	322.00	150	Horizontal	Pass
1909.386	42.44	--	--	-8.90	68.2	--	--	25.76	356.00	150	Horizontal	Pass
2748.031	46.97	--	--	-4.29	74.0	--	54.0	7.03	309.00	150	Horizontal	Pass
5062.242	51.24	--	--	1.06	74.0	--	54.0	2.76	190.00	150	Horizontal	Pass
5790.401	97.55	--	--	2.47	--	--	--	--	178.00	150	Horizontal	Pass
6510.686	55.01	--	--	5.70	68.2	--	--	13.19	333.00	150	Horizontal	Pass

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

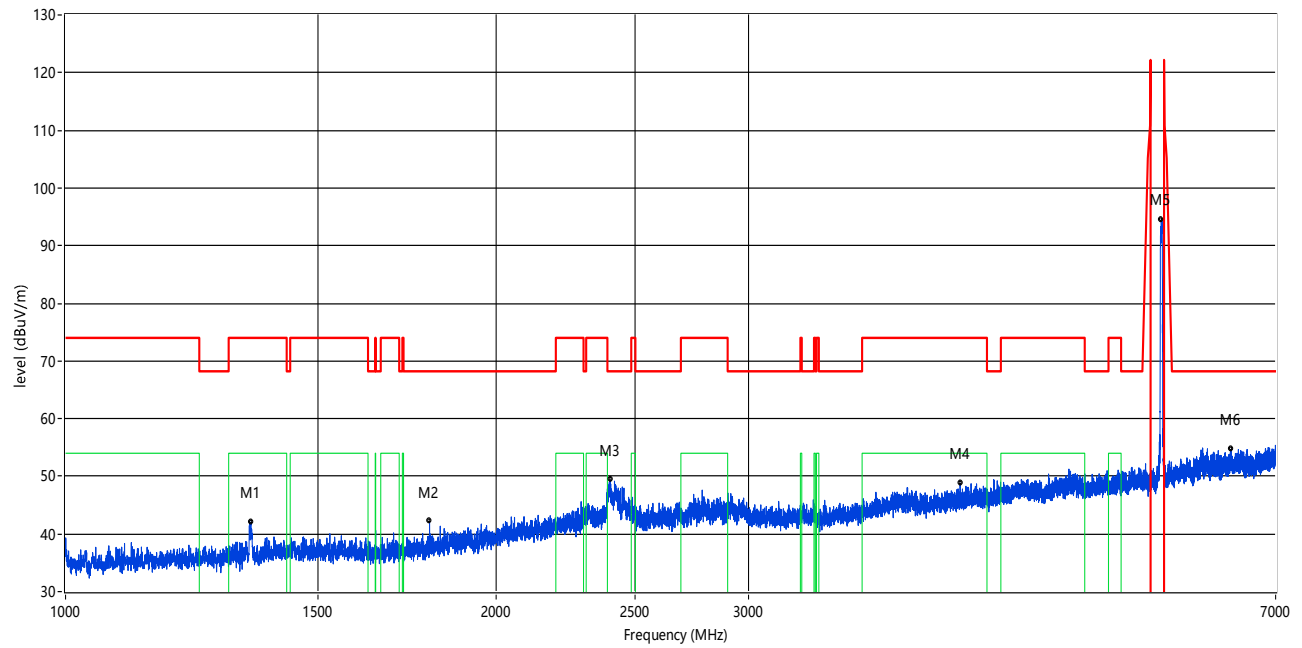
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz 5G_Band4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1199.475	42.05	-12.22	74.0	31.95	Peak	327.00	150	Vertical	Pass
2	1851.894	41.55	-10.17	68.2	26.65	Peak	82.00	150	Vertical	Pass
3	2424.322	49.73	-0.92	68.2	18.47	Peak	231.00	150	Vertical	Pass
4	3861.642	48.26	-3.02	74.0	25.74	Peak	242.00	150	Vertical	Pass
5	4971.879	52.43	0.94	74.0	21.57	Peak	136.00	150	Vertical	Pass
6	5820.022	95.29	2.71	--	49.71	Peak	145.00	150	Vertical	Pass

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

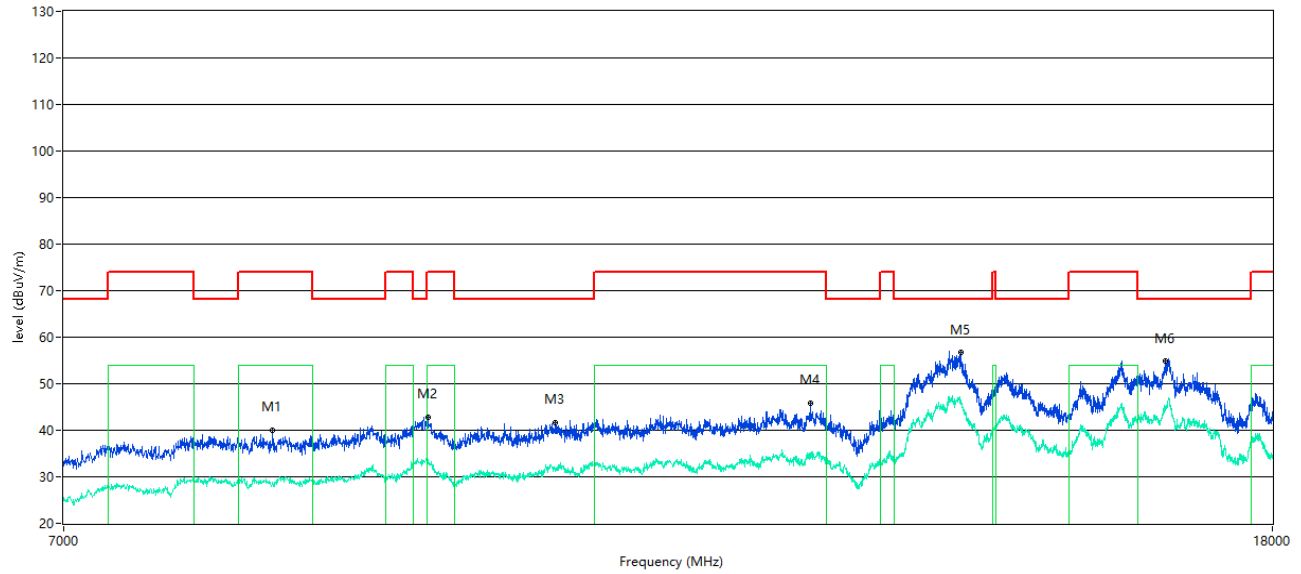
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz 5G_Band4



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
1347.207	42.06	--	--	-12.28	74.0	--	54.0	11.94	10.00	150	Horizontal	Pass
1795.651	42.18	--	--	-10.92	68.2	--	--	26.02	102.00	150	Horizontal	Pass
2400.825	49.35	--	--	-0.10	68.2	--	--	18.85	193.00	150	Horizontal	Pass
4214.848	48.81	--	--	-2.41	74.0	--	54.0	5.19	58.00	150	Horizontal	Pass
5824.522	94.43	--	--	2.41	--	--	--	--	261.00	150	Horizontal	Pass
6513.436	54.70	--	--	5.66	68.2	--	--	13.50	187.00	150	Horizontal	Pass

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

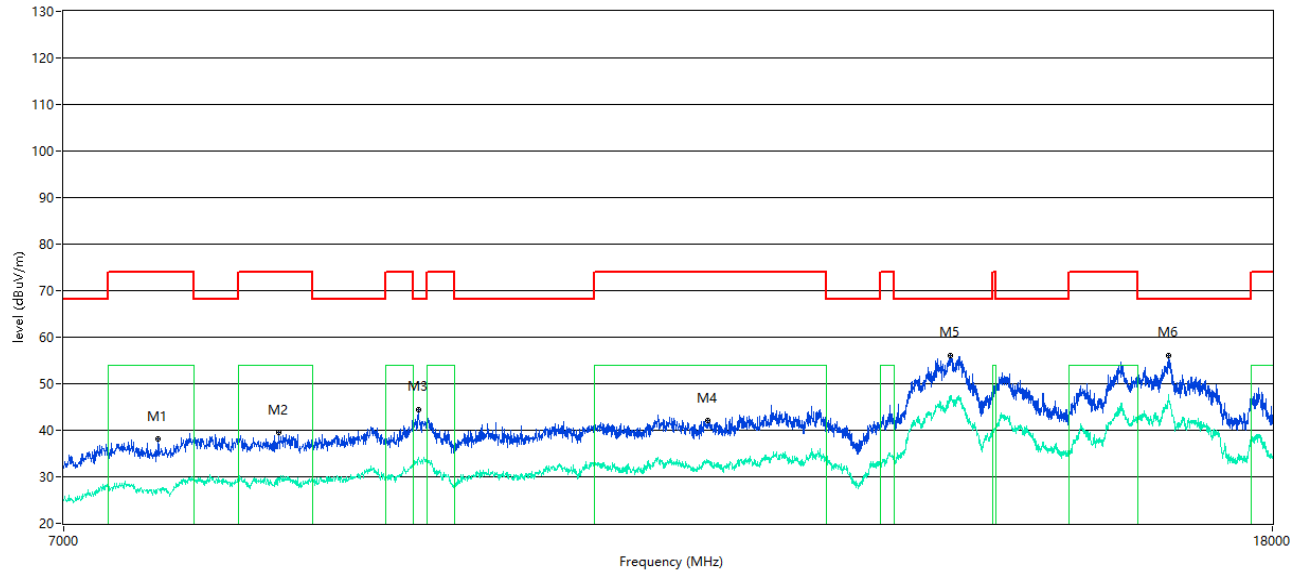
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	8242.689	28.7	-7.20	54.0	25.30	AV	152.00	150	Vertical	Pass
1	8242.689	40.06	-7.20	74.0	33.94	Peak	152.00	150	Vertical	Pass
2**	9303.924	33.8	-4.11	54.0	20.20	AV	210.00	150	Vertical	Pass
2	9303.924	42.68	-4.11	74.0	31.32	Peak	210.00	150	Vertical	Pass
3**	10279.930	31.6	-2.21	--	-31.60	AV	58.00	150	Vertical	N/A
3	10279.930	41.64	-2.21	68.2	26.56	Peak	58.00	150	Vertical	Pass
4**	12548.113	35.2	-0.14	54.0	18.80	AV	109.00	150	Vertical	Pass
4	12548.113	45.70	-0.14	74.0	28.30	Peak	109.00	150	Vertical	Pass
5**	14112.472	46.2	13.97	--	-46.20	AV	249.00	150	Vertical	N/A
5	14112.472	56.68	13.97	68.2	11.52	Peak	249.00	150	Vertical	Pass
6**	16562.109	45.0	11.26	--	-45.00	AV	196.00	150	Vertical	N/A
6	16562.109	54.98	11.26	68.2	13.22	Peak	196.00	150	Vertical	Pass

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

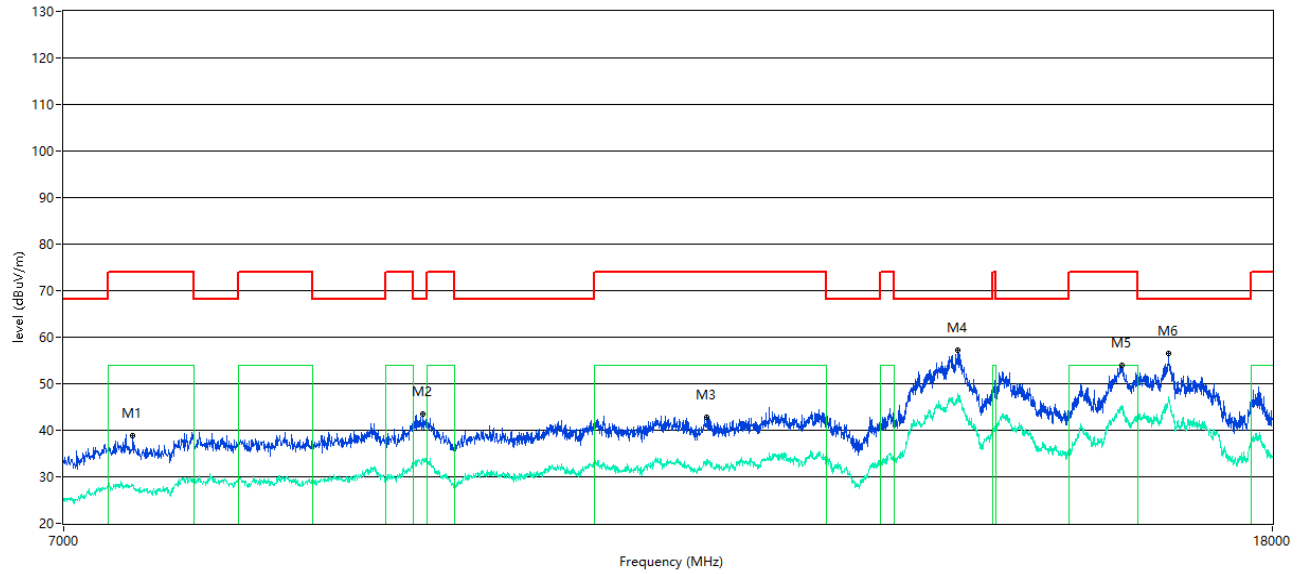
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	7536.116	27.4	-10.09	54.0	26.60	AV	170.00	150	Horizontal	Pass
1	7536.116	38.20	-10.09	74.0	35.80	Peak	170.00	150	Horizontal	Pass
2**	8283.929	29.8	-6.94	54.0	24.20	AV	215.00	150	Horizontal	Pass
2	8283.929	39.45	-6.94	74.0	34.55	Peak	215.00	150	Horizontal	Pass
3**	9235.191	34.1	-4.58	--	-34.10	AV	142.00	150	Horizontal	N/A
3	9235.191	44.46	-4.58	68.2	23.74	Peak	142.00	150	Horizontal	Pass
4**	11577.606	33.3	-0.88	54.0	20.70	AV	145.00	150	Horizontal	Pass
4	11577.606	42.02	-0.88	74.0	31.98	Peak	145.00	150	Horizontal	Pass
5**	13997.001	47.4	14.10	--	-47.40	AV	338.00	150	Horizontal	N/A
5	13997.001	55.98	14.10	68.2	12.22	Peak	338.00	150	Horizontal	Pass
6**	16600.600	47.6	12.12	--	-47.60	AV	246.00	150	Horizontal	N/A
6	16600.600	56.00	12.12	68.2	12.20	Peak	246.00	150	Horizontal	Pass

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

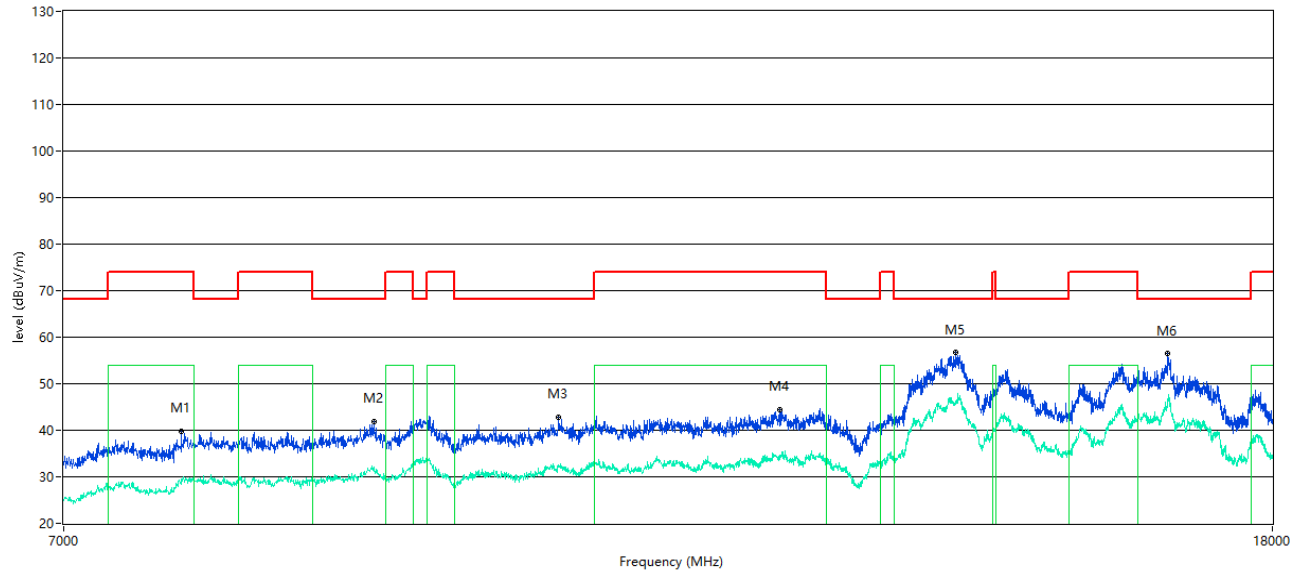
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	7387.653	28.4	-9.17	54.0	25.60	AV	95.00	150	Vertical	Pass
1	7387.653	38.85	-9.17	74.0	35.15	Peak	95.00	150	Vertical	Pass
2**	9270.932	33.9	-4.09	--	-33.90	AV	148.00	150	Vertical	N/A
2	9270.932	43.38	-4.09	68.2	24.82	Peak	148.00	150	Vertical	Pass
3**	11569.358	33.7	-0.96	54.0	20.30	AV	183.00	150	Vertical	Pass
3	11569.358	42.72	-0.96	74.0	31.28	Peak	183.00	150	Vertical	Pass
4**	14082.229	47.9	14.79	--	-47.90	AV	225.00	150	Vertical	N/A
4	14082.229	57.28	14.79	68.2	10.92	Peak	225.00	150	Vertical	Pass
5**	16009.498	45.3	10.44	54.0	8.70	AV	231.00	150	Vertical	Pass
5	16009.498	53.89	10.44	74.0	20.11	Peak	231.00	150	Vertical	Pass
6**	16595.101	46.8	12.00	--	-46.80	AV	293.00	150	Vertical	N/A
6	16595.101	56.51	12.00	68.2	11.69	Peak	293.00	150	Vertical	Pass

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

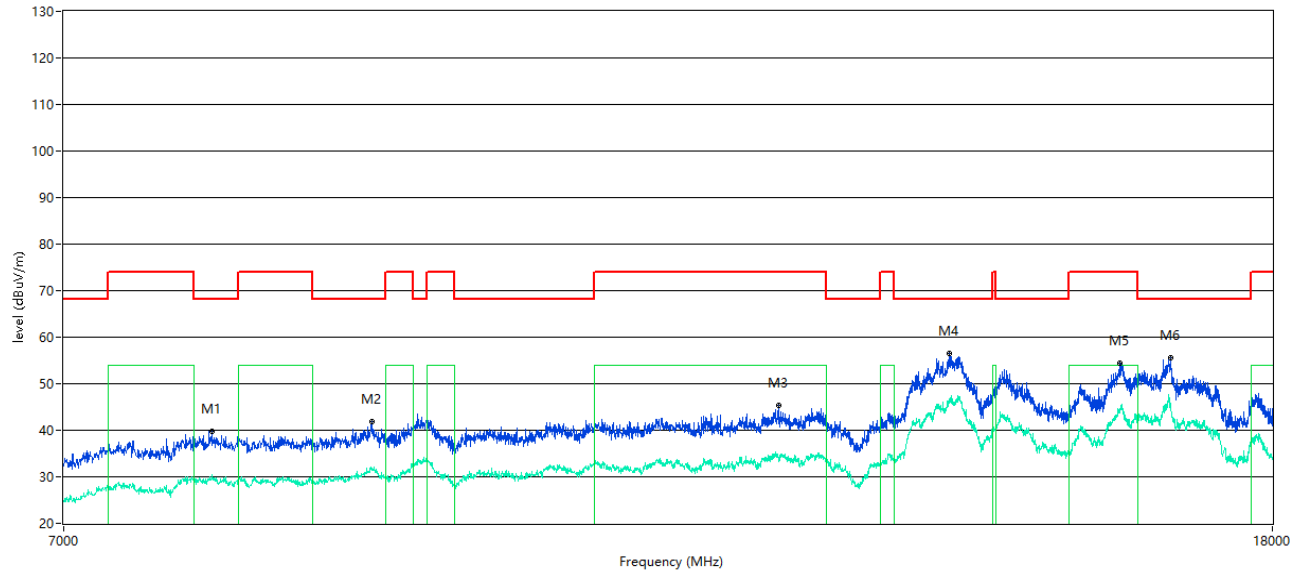
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	7673.582	29.4	-8.22	54.0	24.60	AV	39.00	150	Horizontal	Pass
1	7673.582	39.78	-8.22	74.0	34.22	Peak	39.00	150	Horizontal	Pass
2**	8919.020	32.1	-5.30	--	-32.10	AV	25.00	150	Horizontal	N/A
2	8919.020	41.97	-5.30	68.2	26.23	Peak	25.00	150	Horizontal	Pass
3**	10304.674	32.5	-2.10	--	-32.50	AV	191.00	150	Horizontal	N/A
3	10304.674	42.83	-2.10	68.2	25.37	Peak	191.00	150	Horizontal	Pass
4**	12248.438	34.5	-0.44	54.0	19.50	AV	352.00	150	Horizontal	Pass
4	12248.438	44.33	-0.44	74.0	29.67	Peak	352.00	150	Horizontal	Pass
5**	14054.736	45.9	14.39	--	-45.90	AV	209.00	150	Horizontal	N/A
5	14054.736	56.70	14.39	68.2	11.50	Peak	209.00	150	Horizontal	Pass
6**	16589.603	46.7	11.84	--	-46.70	AV	83.00	150	Horizontal	N/A
6	16589.603	56.42	11.84	68.2	11.78	Peak	83.00	150	Horizontal	Pass

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

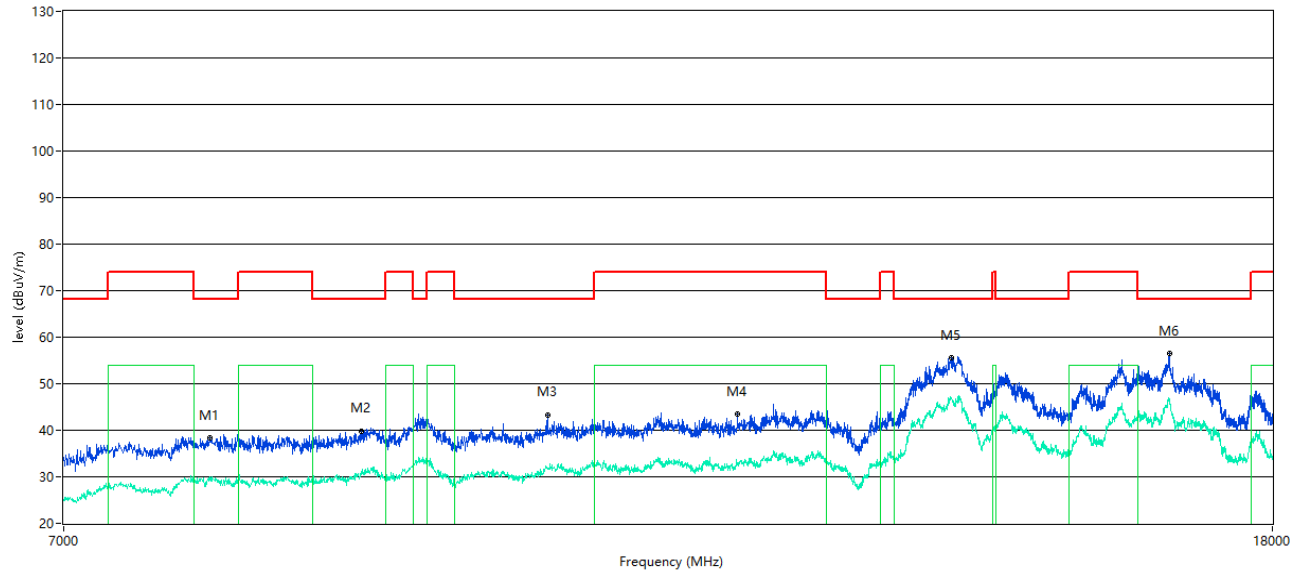
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	7860.535	30.0	-8.66	--	-30.00	AV	93.00	150	Vertical	N/A
1	7860.535	39.74	-8.66	68.2	28.46	Peak	93.00	150	Vertical	Pass
2**	8905.274	31.4	-5.05	--	-31.40	AV	116.00	150	Vertical	N/A
2	8905.274	41.95	-5.05	68.2	26.25	Peak	116.00	150	Vertical	Pass
3**	12242.939	34.1	-0.40	54.0	19.90	AV	230.00	150	Vertical	Pass
3	12242.939	45.24	-0.40	74.0	28.76	Peak	230.00	150	Vertical	Pass
4**	13980.505	45.8	13.57	--	-45.80	AV	325.00	150	Vertical	N/A
4	13980.505	56.51	13.57	68.2	11.69	Peak	325.00	150	Vertical	Pass
5**	15982.004	44.7	10.09	54.0	9.30	AV	135.00	150	Vertical	Pass
5	15982.004	54.42	10.09	74.0	19.58	Peak	135.00	150	Vertical	Pass
6**	16630.842	44.6	11.08	--	-44.60	AV	149.00	150	Vertical	N/A
6	16630.842	55.51	11.08	68.2	12.69	Peak	149.00	150	Vertical	Pass

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

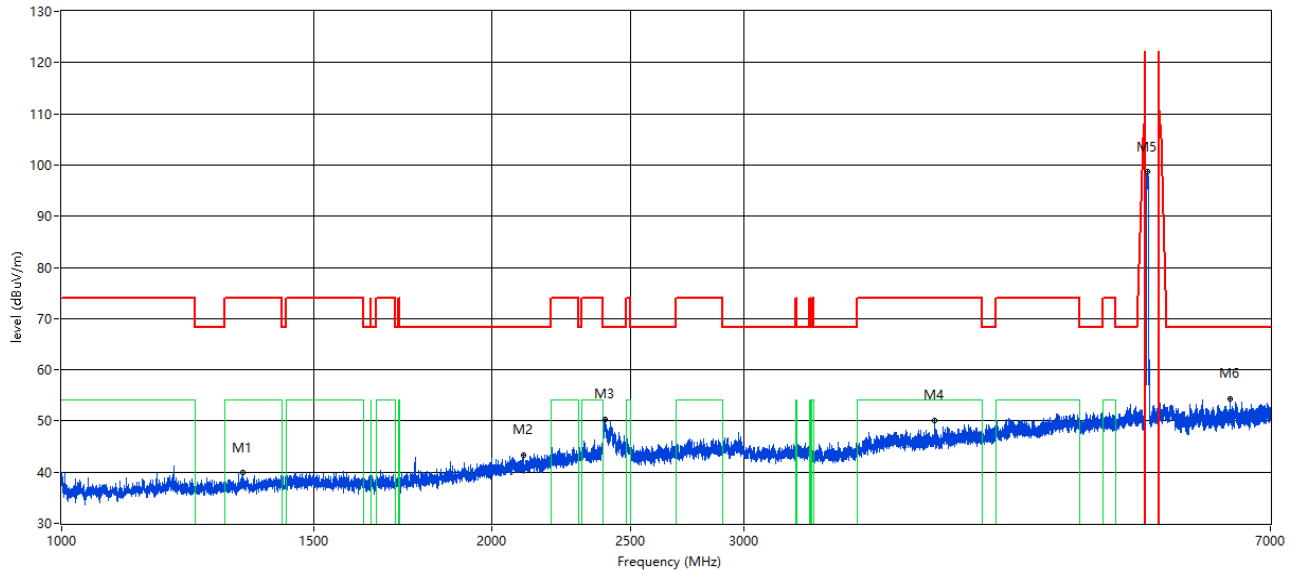
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	7844.039	29.9	-8.56	--	-29.90	AV	290.00	150	Horizontal	N/A
1	7844.039	38.39	-8.56	68.2	29.81	Peak	290.00	150	Horizontal	Pass
2**	8833.792	30.4	-6.03	--	-30.40	AV	351.00	150	Horizontal	N/A
2	8833.792	39.65	-6.03	68.2	28.55	Peak	351.00	150	Horizontal	Pass
3**	10216.696	31.9	-2.54	--	-31.90	AV	32.00	150	Horizontal	N/A
3	10216.696	43.36	-2.54	68.2	24.84	Peak	32.00	150	Horizontal	Pass
4**	11849.788	33.0	-1.00	54.0	21.00	AV	314.00	150	Horizontal	Pass
4	11849.788	43.51	-1.00	74.0	30.49	Peak	314.00	150	Horizontal	Pass
5**	14002.499	46.7	14.20	--	-46.70	AV	144.00	150	Horizontal	N/A
5	14002.499	55.47	14.20	68.2	12.73	Peak	144.00	150	Horizontal	Pass
6**	16606.098	46.8	11.92	--	-46.80	AV	193.00	150	Horizontal	N/A
6	16606.098	56.52	11.92	68.2	11.68	Peak	193.00	150	Horizontal	Pass

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

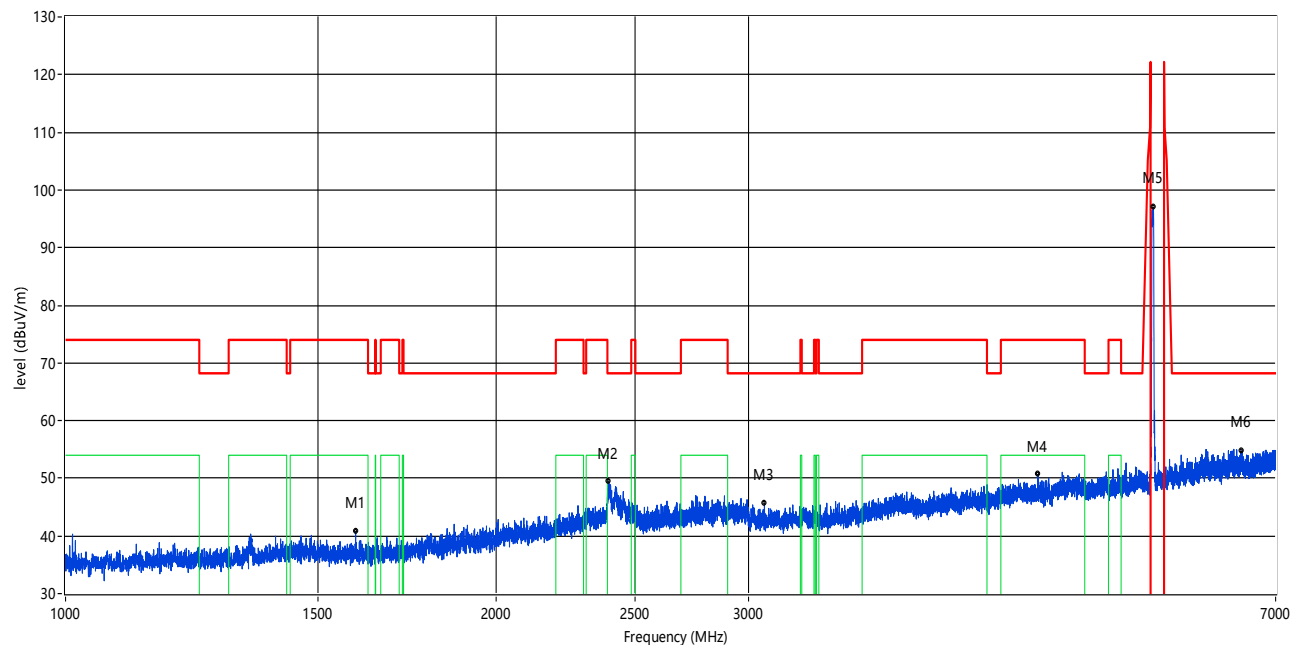
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz 5G_Band4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1339.708	39.99	-11.93	74.0	34.01	Peak	246.00	150	Vertical	Pass
2	2102.362	43.30	-7.93	68.2	24.90	Peak	152.00	150	Vertical	Pass
3	2396.575	50.22	0.03	68.2	17.98	Peak	322.00	150	Vertical	Pass
4	4074.991	49.99	-2.44	74.0	24.01	Peak	174.00	150	Vertical	Pass
5	5739.408	98.61	1.87	--	101.39	Peak	200.00	150	Vertical	Pass
6	6564.804	54.40	5.79	68.2	13.80	Peak	206.00	150	Vertical	Pass

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

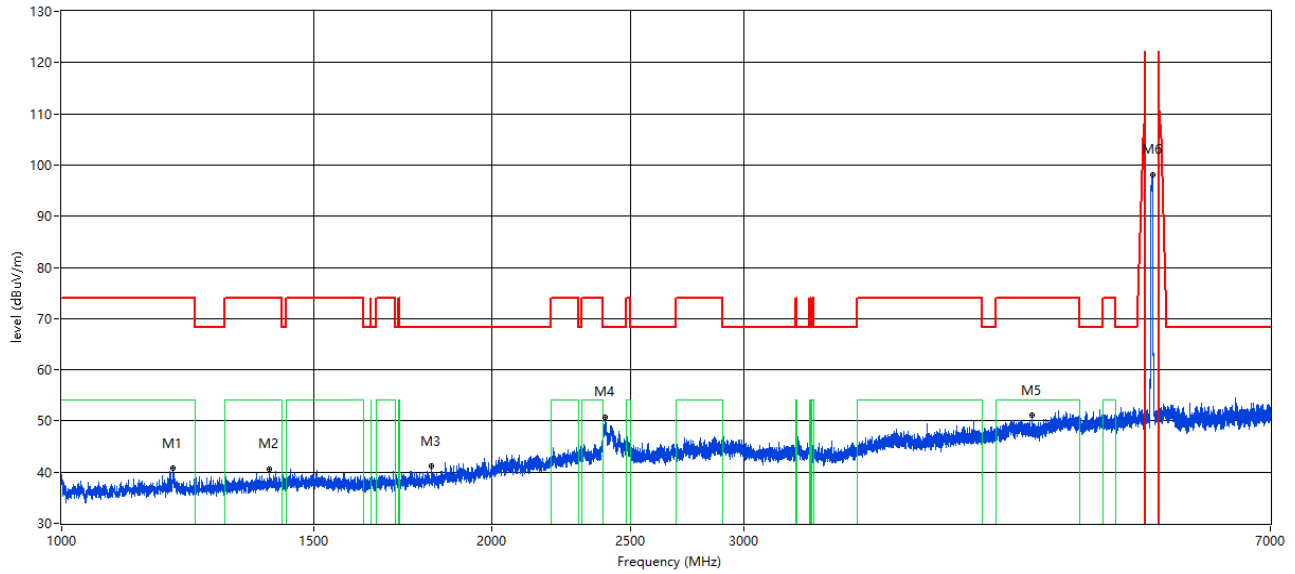
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz 5G_Band4



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
1594.426	40.75	--	--	-12.07	74.0	--	54.0	13.25	287.00	150	Horizontal	Pass
2395.826	49.41	--	--	0.07	68.2	--	--	18.79	212.00	150	Horizontal	Pass
3076.865	45.64	--	--	-5.08	68.2	--	--	22.56	56.00	150	Horizontal	Pass
4776.903	50.74	--	--	-0.65	74.0	--	54.0	3.26	327.00	150	Horizontal	Pass
5750.281	97.02	--	--	1.85	--	--	--	--	355.00	150	Horizontal	Pass
6632.171	54.80	--	--	5.29	68.2	--	--	13.40	164.00	150	Horizontal	Pass

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

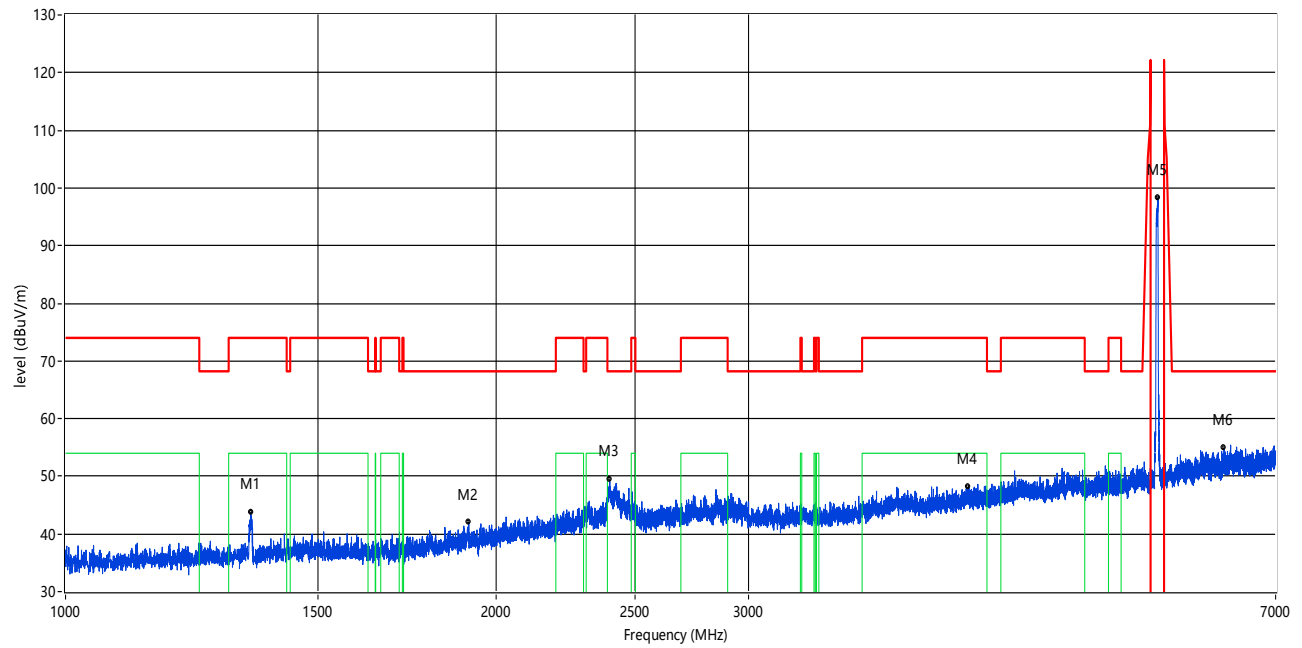
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz 5G_Band4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1196.475	40.69	-12.16	74.0	33.31	Peak	316.00	150	Vertical	Pass
2	1396.200	40.66	-11.96	74.0	33.34	Peak	3.00	150	Vertical	Pass
3	1813.648	41.29	-10.56	68.2	26.91	Peak	52.00	150	Vertical	Pass
4	2399.325	50.72	-0.07	68.2	17.48	Peak	249.00	150	Vertical	Pass
5	4770.154	51.12	-0.54	74.0	22.88	Peak	67.00	150	Vertical	Pass
6	5790.026	98.01	2.46	--	218.99	Peak	317.00	150	Vertical	Pass

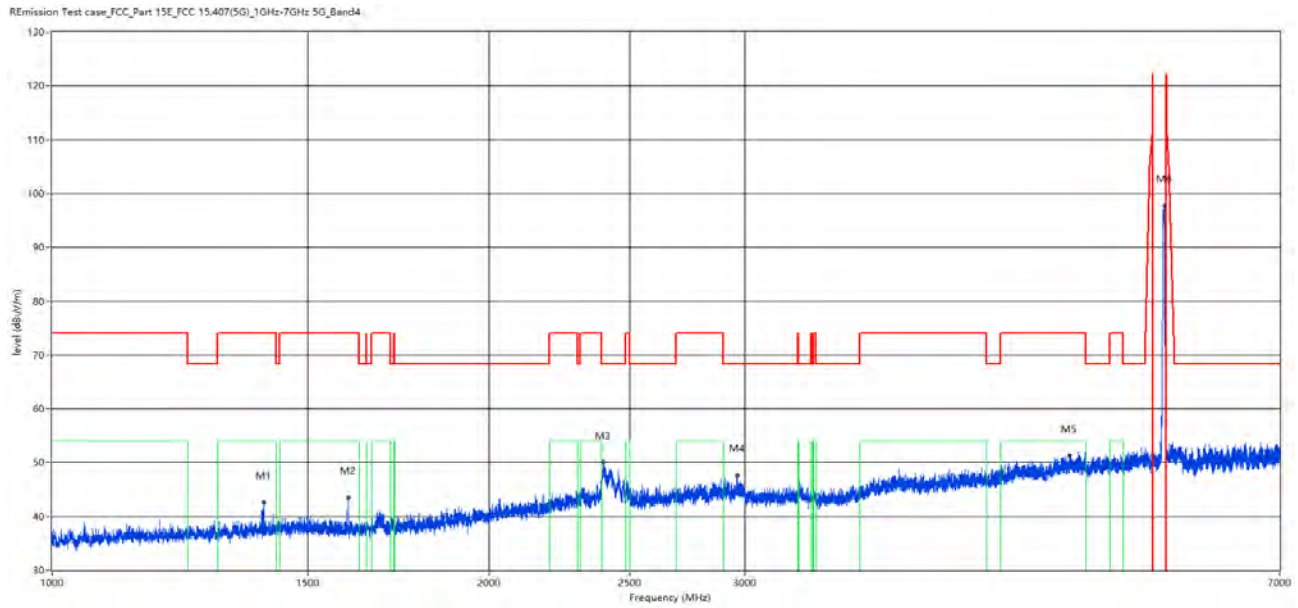
1 GHz to 7 GHz, Band IV 11ac20 Middle channel ANT H

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
1346.957	43.72	--	--	-12.30	74.0	--	54.0	10.28	225.00	150	Horizontal	Pass
1912.636	42.08	--	--	-9.28	68.2	--	--	26.12	123.00	150	Horizontal	Pass
2398.325	49.35	--	--	-0.04	68.2	--	--	18.85	81.00	150	Horizontal	Pass
4268.841	48.10	--	--	-1.75	74.0	--	54.0	5.90	287.00	150	Horizontal	Pass
5791.901	98.24	--	--	2.51	--	--	--	--	159.00	150	Horizontal	Pass
6443.695	54.93	--	--	4.31	68.2	--	--	13.27	319.00	150	Horizontal	Pass

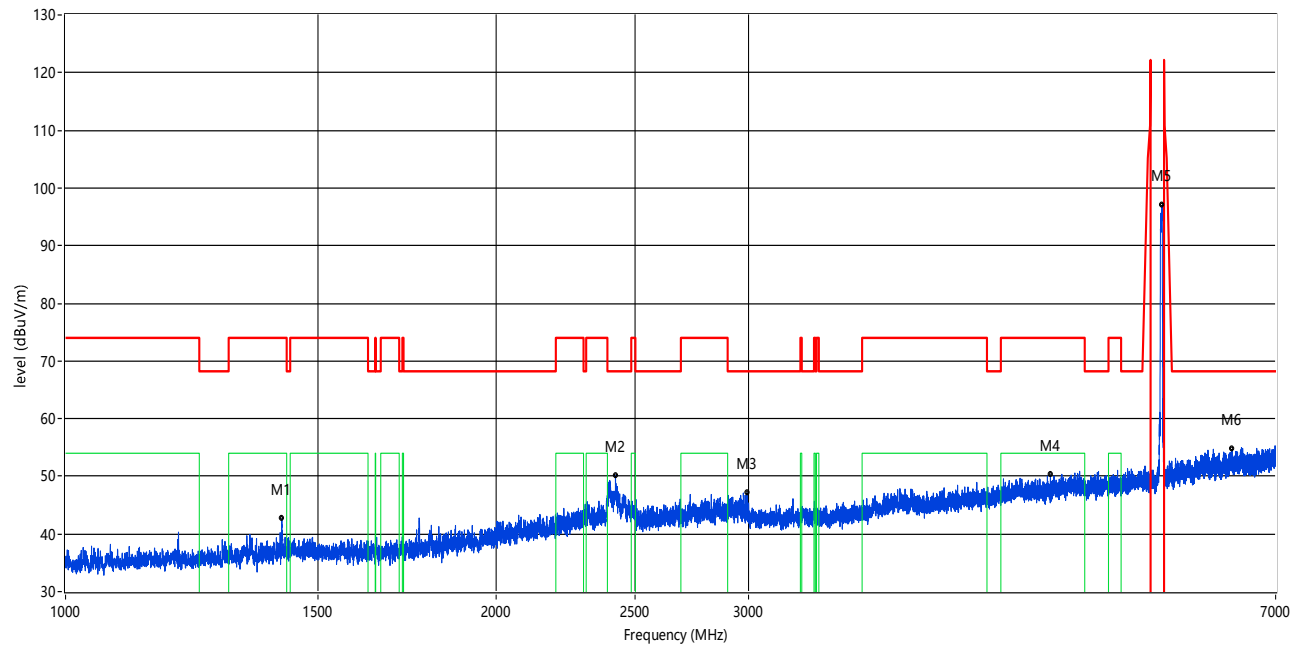
1 GHz to 7 GHz, Band IV 11ac20 High channel ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1399.200	42.63	-11.80	74.0	31.37	Peak	177.00	150	Vertical	Pass
2	1599.175	43.43	-12.49	74.0	30.57	Peak	149.00	150	Vertical	Pass
3	2397.575	50.04	-0.02	68.2	18.16	Peak	271.00	150	Vertical	Pass
4	2964.004	47.64	-3.16	68.2	20.56	Peak	211.00	150	Vertical	Pass
5	5018.373	51.29	1.00	74.0	22.71	Peak	264.00	150	Vertical	Pass
6	5830.146	97.75	2.43	--	83.25	Peak	181.00	150	Vertical	Pass

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

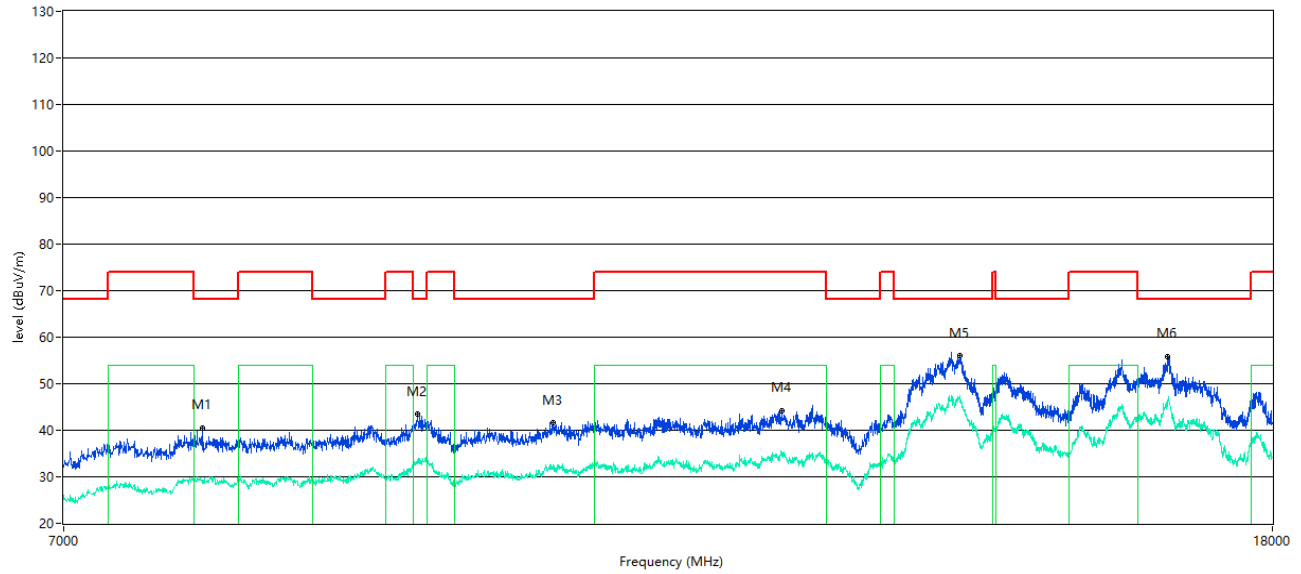
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz 5G_Band4



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
1415.948	42.63	--	--	-11.99	74.0	--	54.0	11.37	147.00	150	Horizontal	Pass
2421.322	50.10	--	--	-0.81	68.2	--	--	18.10	278.00	150	Horizontal	Pass
2991.751	47.14	--	--	-2.73	68.2	--	--	21.06	88.00	150	Horizontal	Pass
4873.266	50.22	--	--	-0.41	74.0	--	54.0	3.78	150.00	150	Horizontal	Pass
5832.021	97.01	--	--	2.46	--	--	--	--	238.00	150	Horizontal	Pass
6526.059	54.63	--	--	4.85	68.2	--	--	13.57	312.00	150	Horizontal	Pass

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

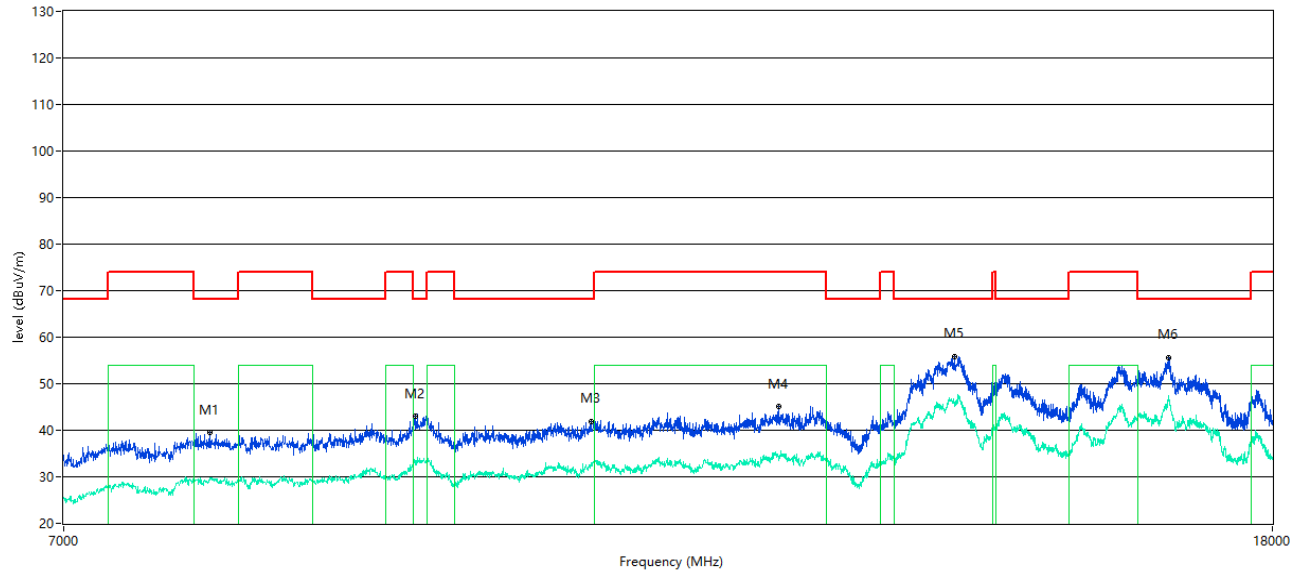
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	7800.050	29.2	-8.28	--	-29.20	AV	148.00	150	Vertical	N/A
1	7800.050	40.35	-8.28	68.2	27.85	Peak	148.00	150	Vertical	Pass
2**	9229.693	33.3	-4.64	--	-33.30	AV	33.00	150	Vertical	N/A
2	9229.693	43.38	-4.64	68.2	24.82	Peak	33.00	150	Vertical	Pass
3**	10260.685	32.6	-2.12	--	-32.60	AV	204.00	150	Vertical	N/A
3	10260.685	41.64	-2.12	68.2	26.56	Peak	204.00	150	Vertical	Pass
4**	12267.683	35.3	-0.36	54.0	18.70	AV	30.00	150	Vertical	Pass
4	12267.683	44.27	-0.36	74.0	29.73	Peak	30.00	150	Vertical	Pass
5**	14095.976	47.4	14.77	--	-47.40	AV	87.00	150	Vertical	N/A
5	14095.976	56.15	14.77	68.2	12.05	Peak	87.00	150	Vertical	Pass
6**	16589.603	46.4	11.84	--	-46.40	AV	213.00	150	Vertical	N/A
6	16589.603	55.83	11.84	68.2	12.37	Peak	213.00	150	Vertical	Pass

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

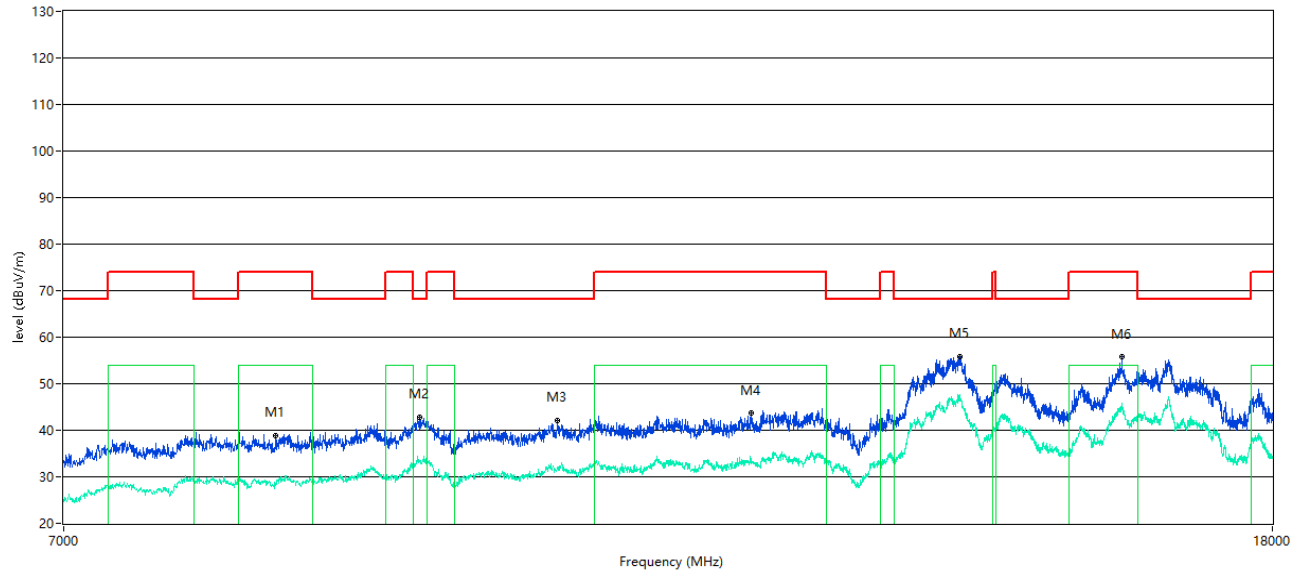
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	7846.788	29.9	-8.55	--	-29.90	AV	4.00	150	Horizontal	N/A
1	7846.788	39.53	-8.55	68.2	28.67	Peak	4.00	150	Horizontal	Pass
2**	9215.946	33.5	-4.68	--	-33.50	AV	207.00	150	Horizontal	N/A
2	9215.946	43.13	-4.68	68.2	25.07	Peak	207.00	150	Horizontal	Pass
3**	10571.357	32.4	-1.98	--	-32.40	AV	264.00	150	Horizontal	N/A
3	10571.357	41.78	-1.98	68.2	26.42	Peak	264.00	150	Horizontal	Pass
4**	12234.691	34.5	-0.43	54.0	19.50	AV	276.00	150	Horizontal	Pass
4	12234.691	45.04	-0.43	74.0	28.96	Peak	276.00	150	Horizontal	Pass
5**	14038.240	46.2	14.28	--	-46.20	AV	60.00	150	Horizontal	N/A
5	14038.240	55.76	14.28	68.2	12.44	Peak	60.00	150	Horizontal	Pass
6**	16597.851	46.9	12.09	--	-46.90	AV	135.00	150	Horizontal	N/A
6	16597.851	55.50	12.09	68.2	12.70	Peak	135.00	150	Horizontal	Pass

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

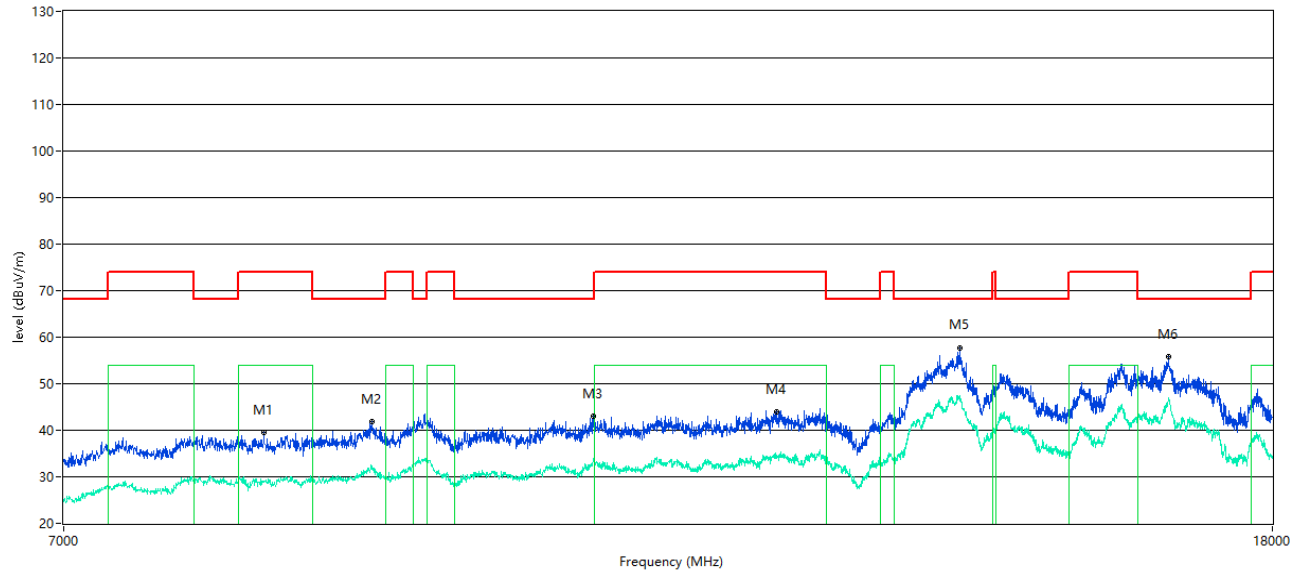
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	8261.935	28.7	-7.21	54.0	25.30	AV	215.00	150	Vertical	Pass
1	8261.935	38.80	-7.21	74.0	35.20	Peak	215.00	150	Vertical	Pass
2**	9243.439	33.4	-4.53	--	-33.40	AV	232.00	150	Vertical	N/A
2	9243.439	42.86	-4.53	68.2	25.34	Peak	232.00	150	Vertical	Pass
3**	10296.426	31.9	-2.01	--	-31.90	AV	354.00	150	Vertical	N/A
3	10296.426	42.10	-2.01	68.2	26.10	Peak	354.00	150	Vertical	Pass
4**	11976.256	33.7	-0.92	54.0	20.30	AV	202.00	150	Vertical	Pass
4	11976.256	43.69	-0.92	74.0	30.31	Peak	202.00	150	Vertical	Pass
5**	14095.976	47.7	14.77	--	-47.70	AV	273.00	150	Vertical	N/A
5	14095.976	55.83	14.77	68.2	12.37	Peak	273.00	150	Vertical	Pass
6**	16003.999	45.5	10.62	54.0	8.50	AV	74.00	150	Vertical	Pass
6	16003.999	55.87	10.62	74.0	18.13	Peak	74.00	150	Vertical	Pass

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

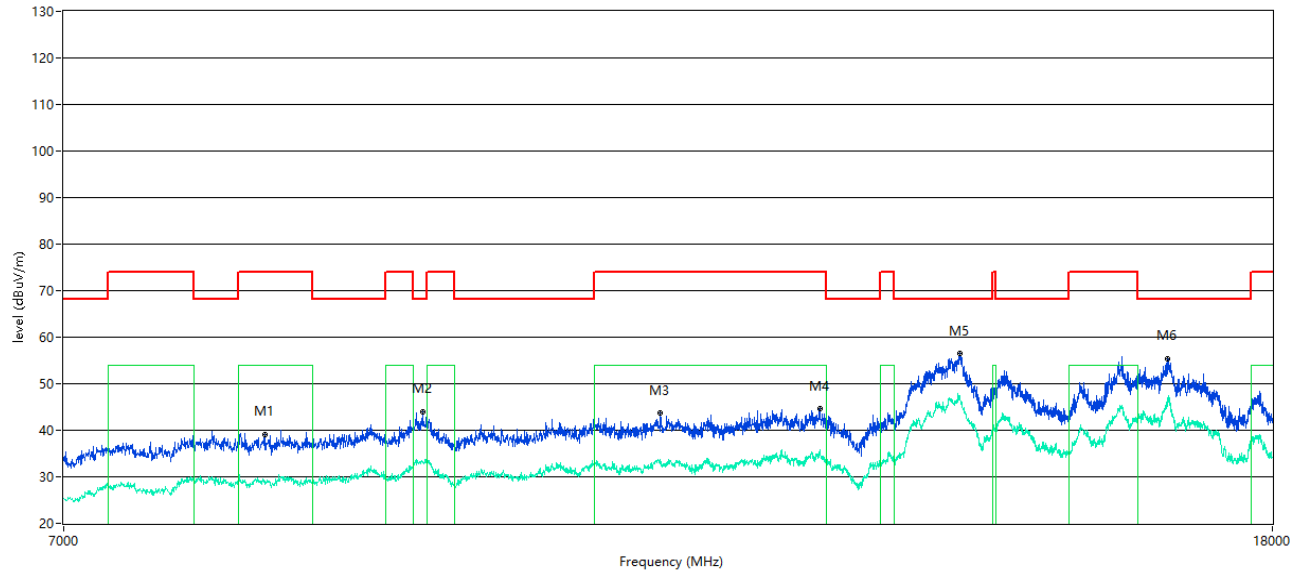
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	8184.954	29.0	-7.70	54.0	25.00	AV	74.00	150	Horizontal	Pass
1	8184.954	39.43	-7.70	74.0	34.57	Peak	74.00	150	Horizontal	Pass
2**	8908.023	31.6	-5.14	--	-31.60	AV	229.00	150	Horizontal	N/A
2	8908.023	41.82	-5.14	68.2	26.38	Peak	229.00	150	Horizontal	Pass
3**	10590.602	33.2	-1.73	--	-33.20	AV	358.00	150	Horizontal	N/A
3	10590.602	43.04	-1.73	68.2	25.16	Peak	358.00	150	Horizontal	Pass
4**	12215.446	34.7	-0.41	54.0	19.30	AV	78.00	150	Horizontal	Pass
4	12215.446	43.95	-0.41	74.0	30.05	Peak	78.00	150	Horizontal	Pass
5**	14095.976	47.3	14.77	--	-47.30	AV	254.00	150	Horizontal	N/A
5	14095.976	57.60	14.77	68.2	10.60	Peak	254.00	150	Horizontal	Pass
6**	16592.352	46.5	11.91	--	-46.50	AV	278.00	150	Horizontal	N/A
6	16592.352	55.75	11.91	68.2	12.45	Peak	278.00	150	Horizontal	Pass

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

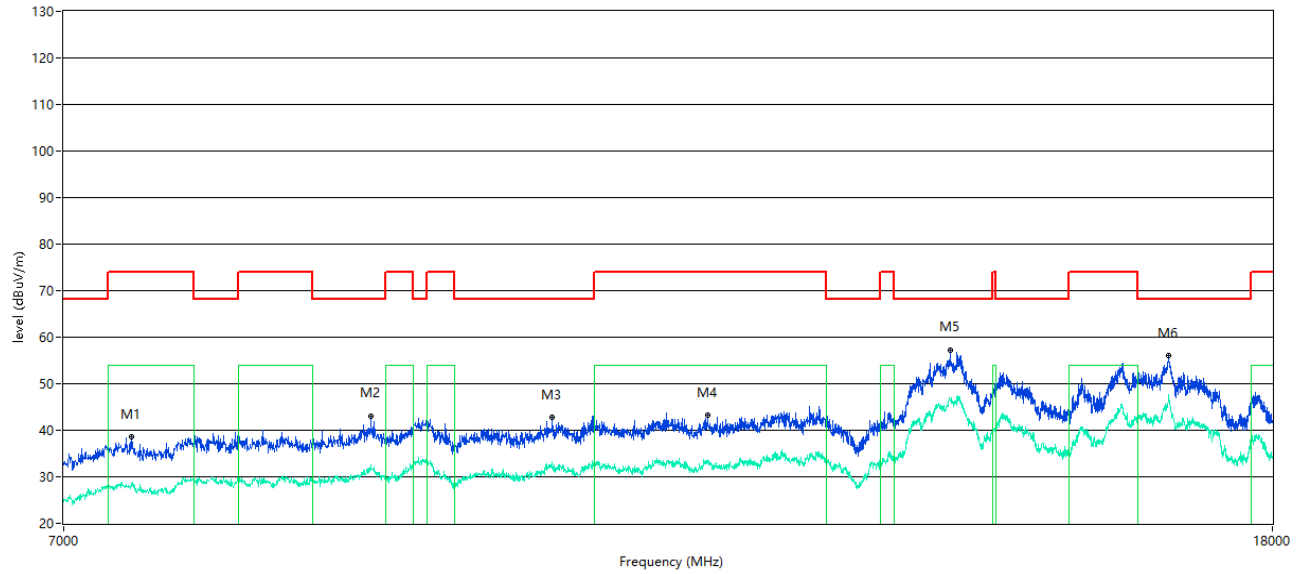
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	8190.452	29.1	-7.75	54.0	24.90	AV	161.00	150	Vertical	Pass
1	8190.452	39.15	-7.75	74.0	34.85	Peak	161.00	150	Vertical	Pass
2**	9265.434	33.3	-4.17	--	-33.30	AV	302.00	150	Vertical	N/A
2	9265.434	43.84	-4.17	68.2	24.36	Peak	302.00	150	Vertical	Pass
3**	11159.710	33.6	-2.10	54.0	20.40	AV	251.00	150	Vertical	Pass
3	11159.710	43.75	-2.10	74.0	30.25	Peak	251.00	150	Vertical	Pass
4**	12636.091	35.7	0.15	54.0	18.30	AV	29.00	150	Vertical	Pass
4	12636.091	44.64	0.15	74.0	29.36	Peak	29.00	150	Vertical	Pass
5**	14095.976	47.4	14.77	--	-47.40	AV	29.00	150	Vertical	N/A
5	14095.976	56.42	14.77	68.2	11.78	Peak	29.00	150	Vertical	Pass
6**	16589.603	46.6	11.84	--	-46.60	AV	223.00	150	Vertical	N/A
6	16589.603	55.29	11.84	68.2	12.91	Peak	223.00	150	Vertical	Pass

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

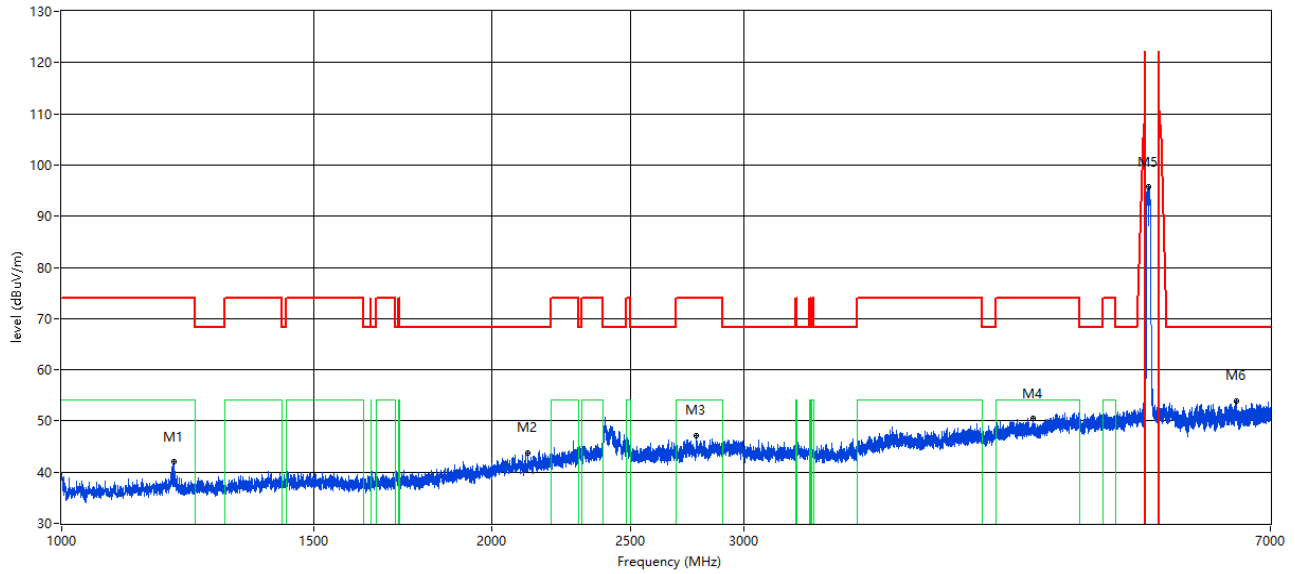
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	7382.154	28.0	-9.20	54.0	26.00	AV	284.00	150	Horizontal	Pass
1	7382.154	38.59	-9.20	74.0	35.41	Peak	284.00	150	Horizontal	Pass
2**	8899.775	31.6	-4.87	--	-31.60	AV	76.00	150	Horizontal	N/A
2	8899.775	42.92	-4.87	68.2	25.28	Peak	76.00	150	Horizontal	Pass
3**	10255.186	32.3	-2.15	--	-32.30	AV	193.00	150	Horizontal	N/A
3	10255.186	42.85	-2.15	68.2	25.35	Peak	193.00	150	Horizontal	Pass
4**	11580.355	33.5	-0.91	54.0	20.50	AV	190.00	150	Horizontal	Pass
4	11580.355	43.14	-0.91	74.0	30.86	Peak	190.00	150	Horizontal	Pass
5**	13994.251	46.5	14.05	--	-46.50	AV	202.00	150	Horizontal	N/A
5	13994.251	57.15	14.05	68.2	11.05	Peak	202.00	150	Horizontal	Pass
6**	16592.352	46.0	11.91	--	-46.00	AV	45.00	150	Horizontal	N/A
6	16592.352	56.14	11.91	68.2	12.06	Peak	45.00	150	Horizontal	Pass

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

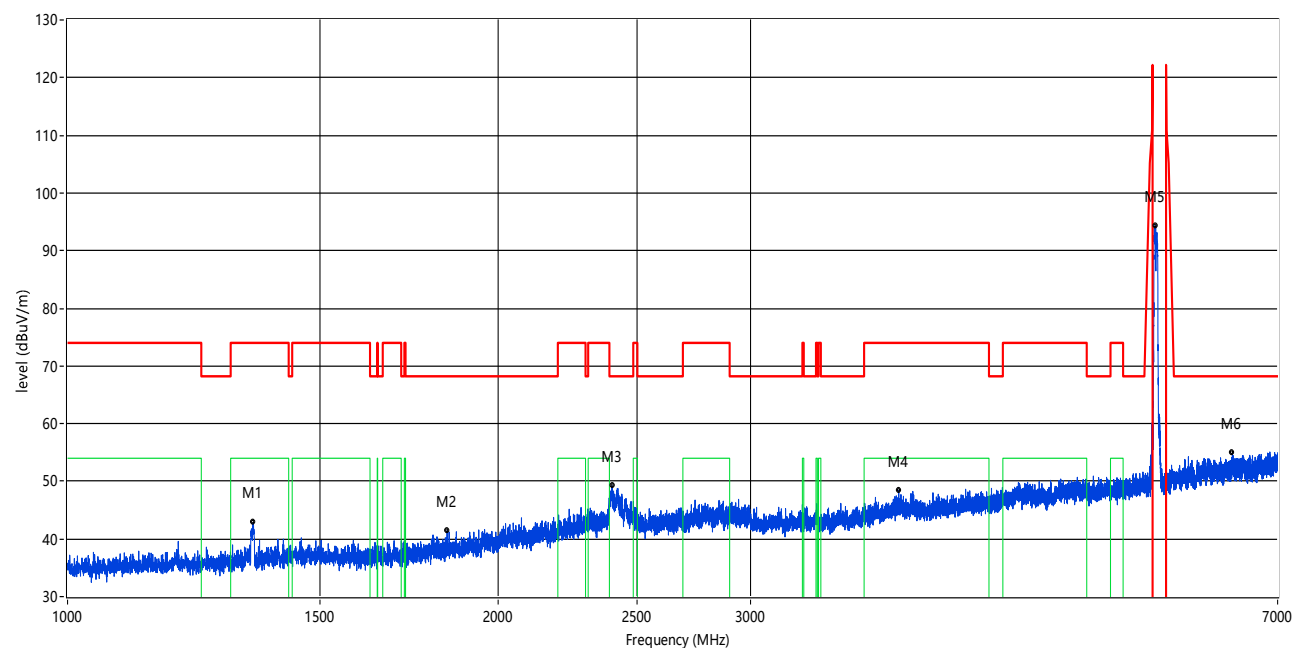
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz 5G_Band4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1197.475	42.01	-12.17	74.0	31.99	Peak	2.00	150	Vertical	Pass
2	2118.610	43.76	-7.94	68.2	24.44	Peak	47.00	150	Vertical	Pass
3	2778.528	47.13	-4.17	74.0	26.87	Peak	120.00	150	Vertical	Pass
4	4776.903	50.55	-0.65	74.0	23.45	Peak	108.00	150	Vertical	Pass
5	5753.281	95.70	1.78	--	240.30	Peak	336.00	150	Vertical	Pass
6	6628.671	53.97	5.34	68.2	14.23	Peak	4.00	150	Vertical	Pass

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

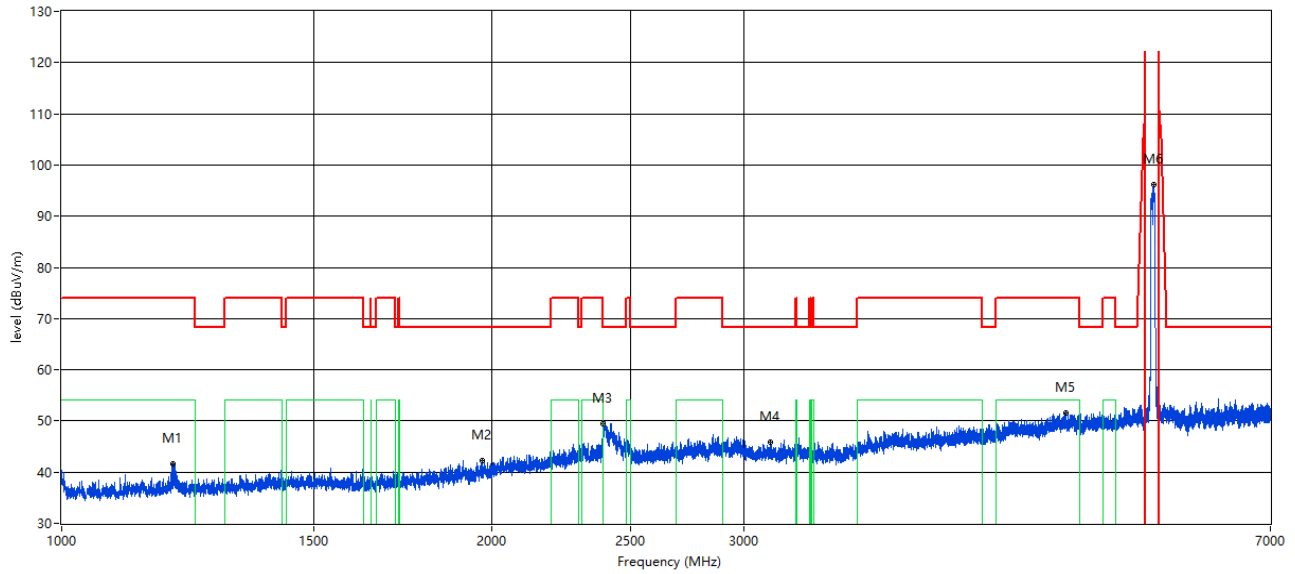
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz 5G_Band4



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	42.84	--	--	-12.19	74.0	--	54.0	11.16	195.00	150	Horizontal	Pass
1841.145	41.42	--	--	-9.90	68.2	--	--	26.78	152.00	150	Horizontal	Pass
2401.575	49.19	--	--	-0.12	68.2	--	--	19.01	207.00	150	Horizontal	Pass
3806.149	48.44	--	--	-2.41	74.0	--	54.0	5.56	349.00	150	Horizontal	Pass
5753.281	94.37	--	--	1.78	--	--	--	--	129.00	150	Horizontal	Pass
6509.686	54.87	--	--	5.72	68.2	--	--	13.33	349.00	150	Horizontal	Pass

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

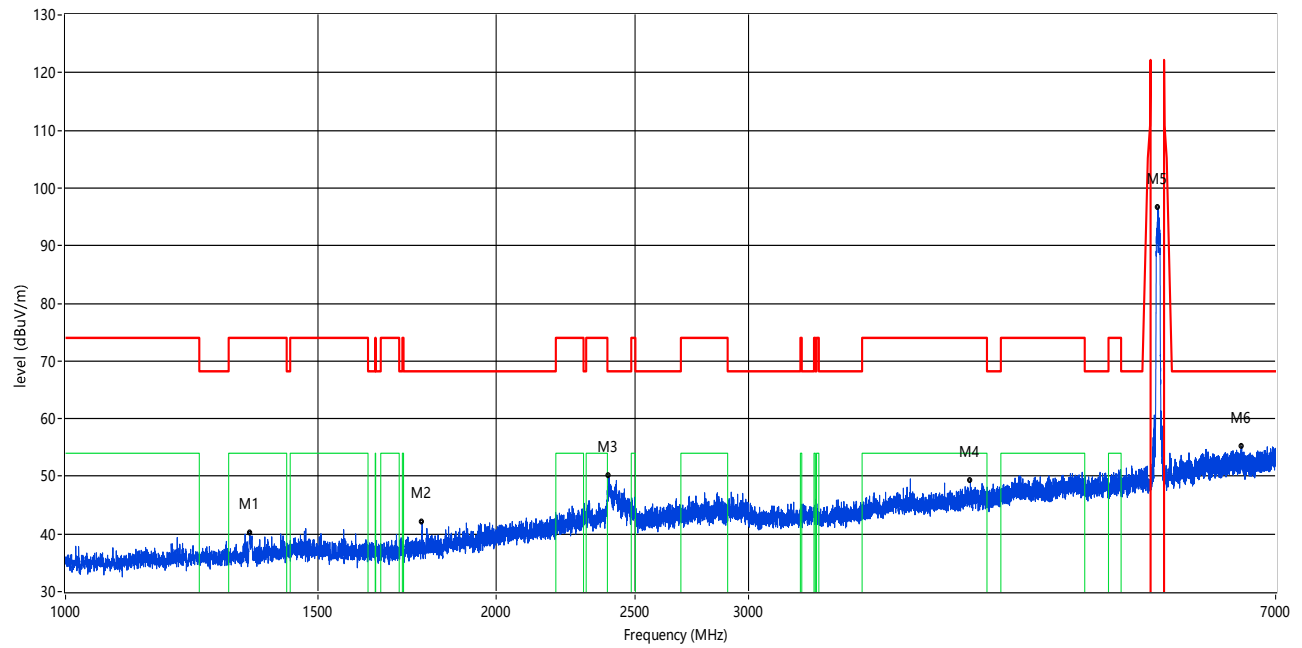
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz 5G_Band4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1196.475	41.71	-12.16	74.0	32.29	Peak	3.00	150	Vertical	Pass
2	1968.129	42.27	-9.08	68.2	25.93	Peak	170.00	150	Vertical	Pass
3	2391.826	49.53	-0.25	68.2	18.67	Peak	314.00	150	Vertical	Pass
4	3128.234	45.90	-5.43	68.2	22.30	Peak	4.00	150	Vertical	Pass
5	5033.746	51.47	1.00	74.0	22.53	Peak	71.00	150	Vertical	Pass
6	5806.899	96.17	2.49	--	47.83	Peak	144.00	150	Vertical	Pass

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

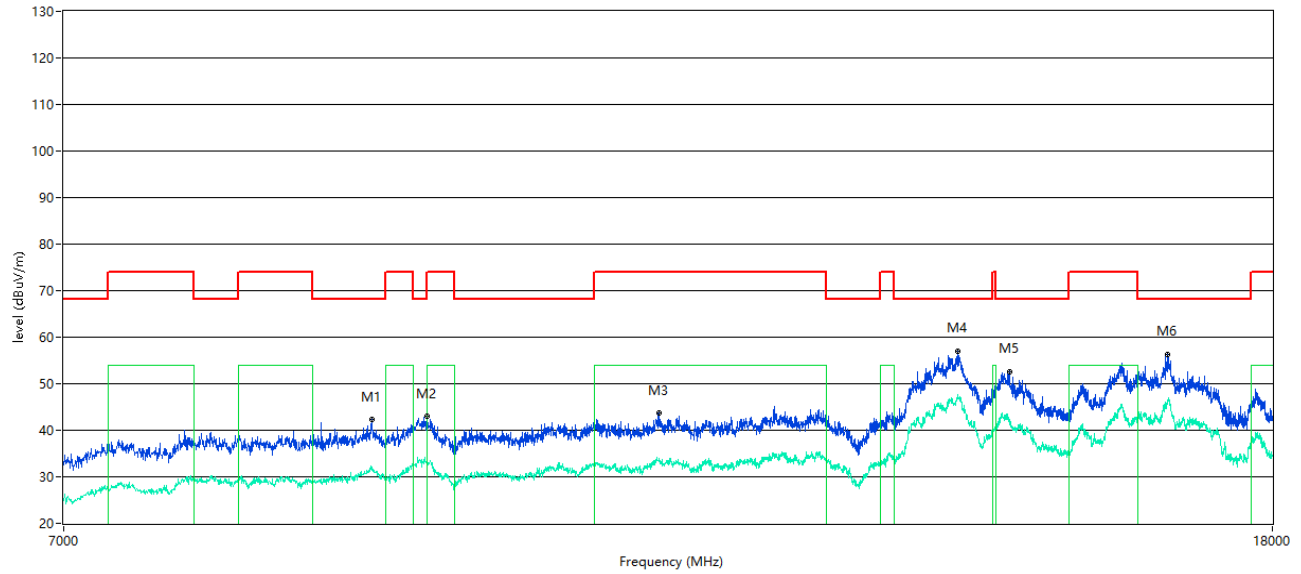
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz 5G_Band4



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
1344.957	40.24	--	--	-12.46	74.0	--	54.0	13.76	115.00	150	Horizontal	Pass
1774.153	42.05	--	--	-10.79	68.2	--	--	26.15	273.00	150	Horizontal	Pass
2395.576	50.06	--	--	0.09	68.2	--	--	18.14	133.00	150	Horizontal	Pass
4284.589	49.24	--	--	-1.86	74.0	--	54.0	4.76	173.00	150	Horizontal	Pass
5793.776	96.54	--	--	2.56	--	--	--	--	99.00	150	Horizontal	Pass
6627.922	55.11	--	--	5.33	68.2	--	--	13.09	254.00	150	Horizontal	Pass

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

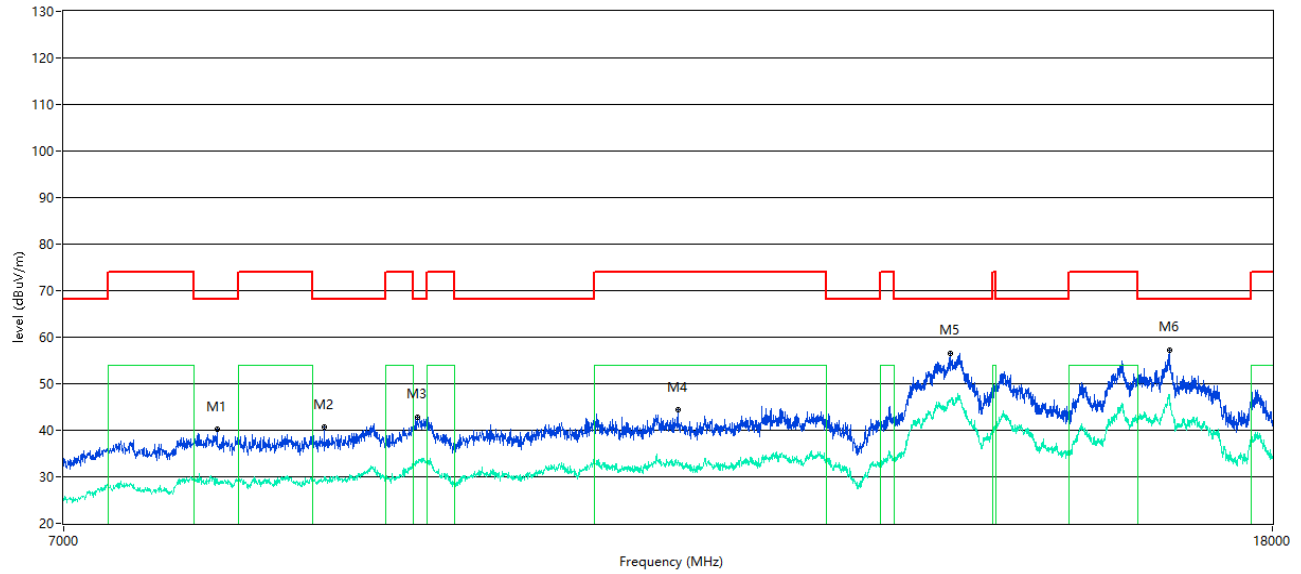
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	8905.274	32.0	-5.05	--	-32.00	AV	43.00	150	Vertical	N/A
1	8905.274	42.22	-5.05	68.2	25.98	Peak	43.00	150	Vertical	Pass
2**	9295.676	33.8	-4.02	--	-33.80	AV	6.00	150	Vertical	N/A
2	9295.676	43.02	-4.02	68.2	25.18	Peak	6.00	150	Vertical	Pass
3**	11148.713	33.8	-2.04	54.0	20.20	AV	0.00	150	Vertical	Pass
3	11148.713	43.70	-2.04	74.0	30.30	Peak	0.00	150	Vertical	Pass
4**	14079.480	47.5	14.72	--	-47.50	AV	210.00	150	Vertical	N/A
4	14079.480	56.98	14.72	68.2	11.22	Peak	210.00	150	Vertical	Pass
5**	14656.836	41.9	9.47	--	-41.90	AV	57.00	150	Vertical	N/A
5	14656.836	52.57	9.47	68.2	15.63	Peak	57.00	150	Vertical	Pass
6**	16578.605	46.2	11.59	--	-46.20	AV	209.00	150	Vertical	N/A
6	16578.605	56.31	11.59	68.2	11.89	Peak	209.00	150	Vertical	Pass

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

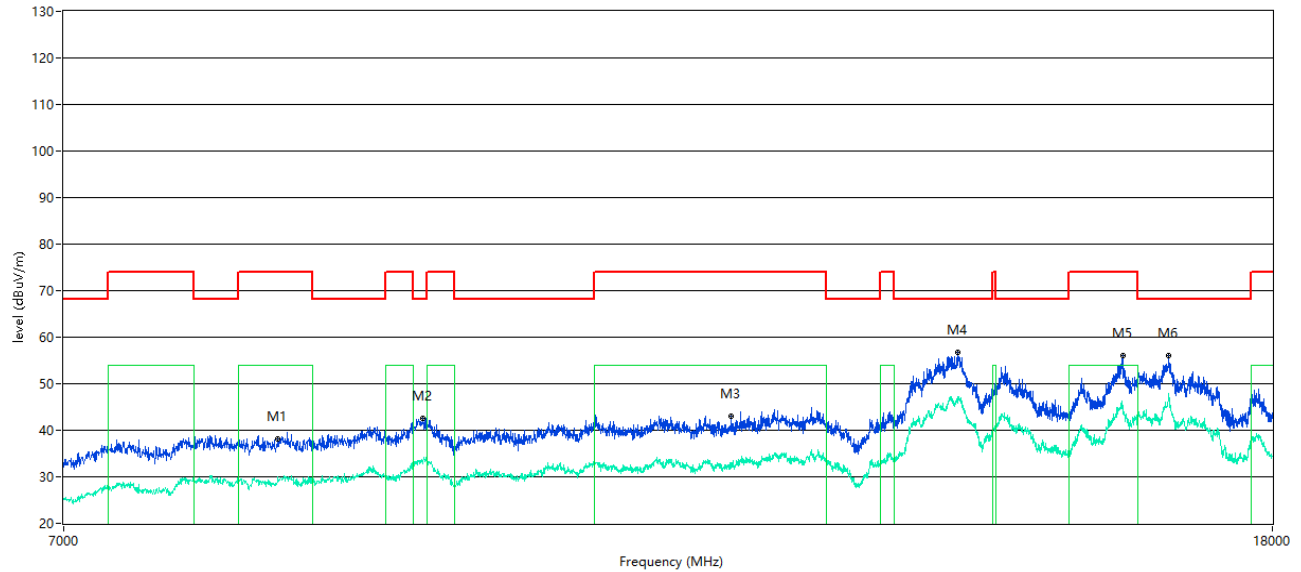
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	7890.777	29.6	-8.78	--	-29.60	AV	0.00	150	Horizontal	N/A
1	7890.777	40.13	-8.78	68.2	28.07	Peak	0.00	150	Horizontal	Pass
2**	8580.855	30.0	-7.25	--	-30.00	AV	143.00	150	Horizontal	N/A
2	8580.855	40.61	-7.25	68.2	27.59	Peak	143.00	150	Horizontal	Pass
3**	9229.693	33.2	-4.64	--	-33.20	AV	293.00	150	Horizontal	N/A
3	9229.693	42.87	-4.64	68.2	25.33	Peak	293.00	150	Horizontal	Pass
4**	11310.922	33.0	-1.62	54.0	21.00	AV	215.00	150	Horizontal	Pass
4	11310.922	44.33	-1.62	74.0	29.67	Peak	215.00	150	Horizontal	Pass
5**	13991.502	46.5	14.01	--	-46.50	AV	330.00	150	Horizontal	N/A
5	13991.502	56.61	14.01	68.2	11.59	Peak	330.00	150	Horizontal	Pass
6**	16606.098	47.8	11.92	--	-47.80	AV	351.00	150	Horizontal	N/A
6	16606.098	57.23	11.92	68.2	10.97	Peak	351.00	150	Horizontal	Pass

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

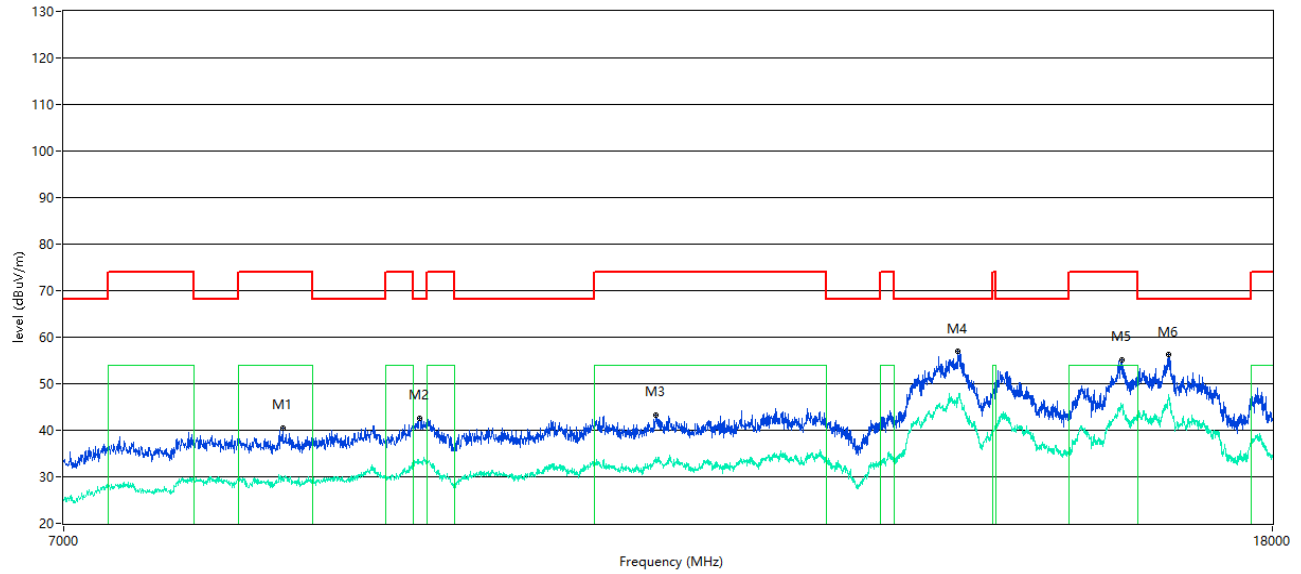
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	8275.681	29.9	-6.97	54.0	24.10	AV	107.00	150	Vertical	Pass
1	8275.681	38.13	-6.97	74.0	35.87	Peak	107.00	150	Vertical	Pass
2**	9270.932	33.4	-4.09	--	-33.40	AV	308.00	150	Vertical	N/A
2	9270.932	42.49	-4.09	68.2	25.71	Peak	308.00	150	Vertical	Pass
3**	11794.801	33.0	-1.13	54.0	21.00	AV	217.00	150	Vertical	Pass
3	11794.801	42.95	-1.13	74.0	31.05	Peak	217.00	150	Vertical	Pass
4**	14073.982	46.4	14.60	--	-46.40	AV	18.00	150	Vertical	N/A
4	14073.982	56.75	14.60	68.2	11.45	Peak	18.00	150	Vertical	Pass
5**	16012.247	45.3	10.34	54.0	8.70	AV	234.00	150	Vertical	Pass
5	16012.247	56.07	10.34	74.0	17.93	Peak	234.00	150	Vertical	Pass
6**	16597.851	47.6	12.09	--	-47.60	AV	334.00	150	Vertical	N/A
6	16597.851	56.02	12.09	68.2	12.18	Peak	334.00	150	Vertical	Pass

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

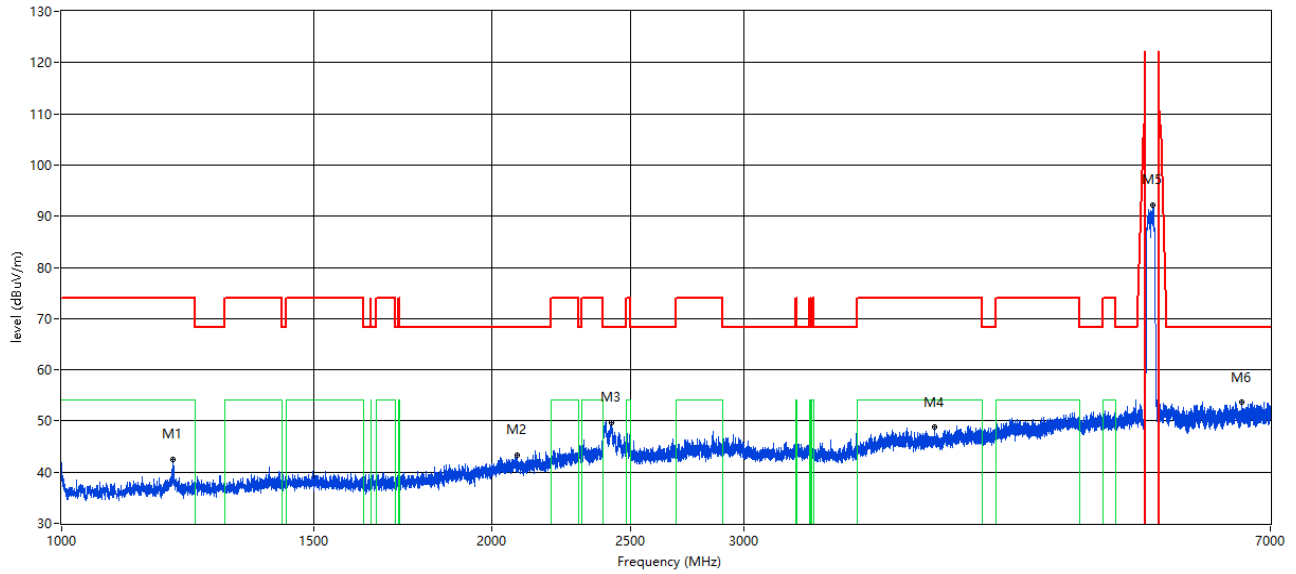
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	8305.924	29.1	-6.85	54.0	24.90	AV	33.00	150	Horizontal	Pass
1	8305.924	40.49	-6.85	74.0	33.51	Peak	33.00	150	Horizontal	Pass
2**	9243.439	33.0	-4.53	--	-33.00	AV	276.00	150	Horizontal	N/A
2	9243.439	42.58	-4.53	68.2	25.62	Peak	276.00	150	Horizontal	Pass
3**	11115.721	33.1	-1.83	54.0	20.90	AV	112.00	150	Horizontal	Pass
3	11115.721	43.16	-1.83	74.0	30.84	Peak	112.00	150	Horizontal	Pass
4**	14082.229	47.0	14.79	--	-47.00	AV	163.00	150	Horizontal	N/A
4	14082.229	56.91	14.79	68.2	11.29	Peak	163.00	150	Horizontal	Pass
5**	16001.250	45.0	10.71	54.0	9.00	AV	303.00	150	Horizontal	Pass
5	16001.250	55.02	10.71	74.0	18.98	Peak	303.00	150	Horizontal	Pass
6**	16592.352	46.8	11.91	--	-46.80	AV	171.00	150	Horizontal	N/A
6	16592.352	56.24	11.91	68.2	11.96	Peak	171.00	150	Horizontal	Pass

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

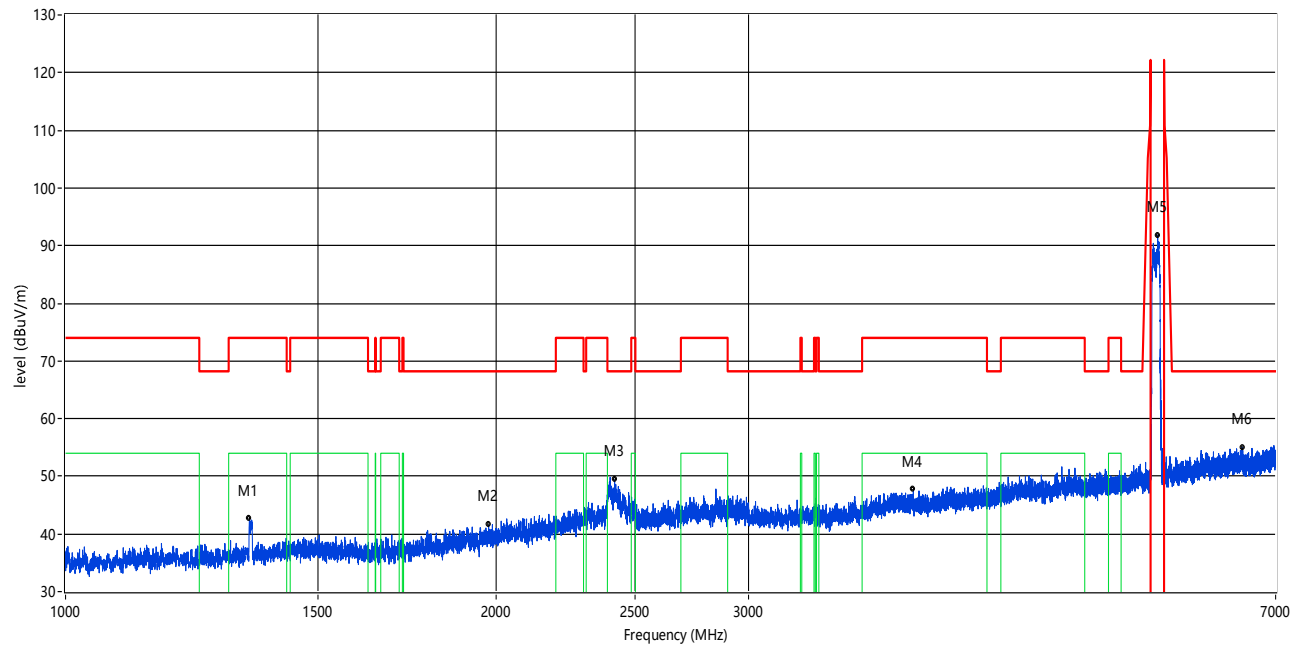
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz 5G_Band4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1196.975	42.49	-12.17	74.0	31.51	Peak	2.00	150	Vertical	Pass
2	2082.615	43.21	-8.16	68.2	24.99	Peak	331.00	150	Vertical	Pass
3	2423.072	49.65	-0.86	68.2	18.55	Peak	49.00	150	Vertical	Pass
4	4074.616	48.75	-2.48	74.0	25.25	Peak	98.00	150	Vertical	Pass
5	5797.150	92.08	2.43	--	185.92	Peak	278.00	150	Vertical	Pass
6	6683.415	53.64	5.32	68.2	14.56	Peak	124.00	150	Vertical	Pass

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

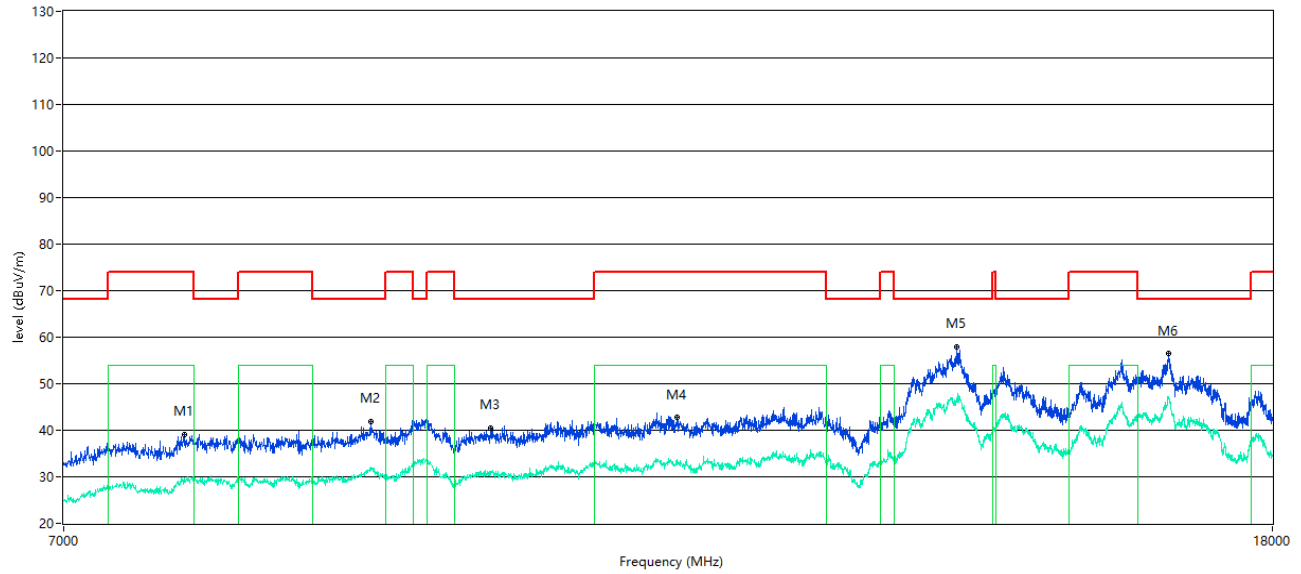
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz 5G_Band4



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
1344.207	42.61	--	--	-12.52	74.0	--	54.0	11.39	135.00	150	Horizontal	Pass
1974.378	41.54	--	--	-8.92	68.2	--	--	26.66	255.00	150	Horizontal	Pass
2418.073	49.35	--	--	-0.72	68.2	--	--	18.85	180.00	150	Horizontal	Pass
3909.261	47.76	--	--	-2.86	74.0	--	54.0	6.24	18.00	150	Horizontal	Pass
5790.776	91.78	--	--	2.48	--	--	--	--	315.00	150	Horizontal	Pass
6633.921	55.01	--	--	5.28	68.2	--	--	13.19	356.00	150	Horizontal	Pass

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

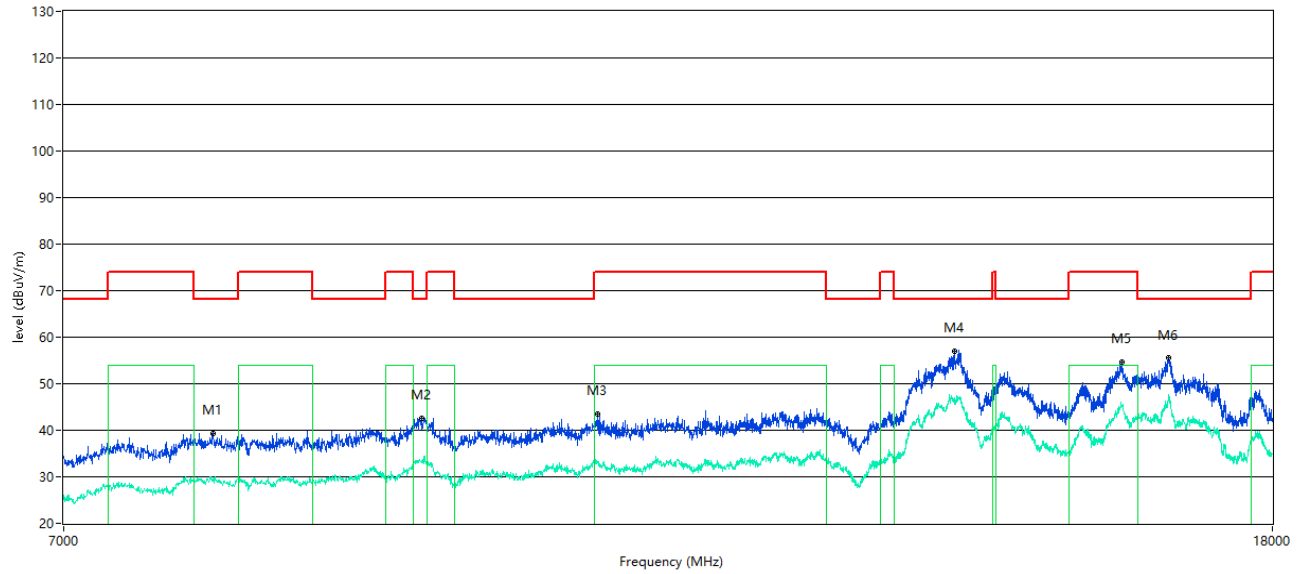
REmission Test case_FCC_Part 15E_FCC 15.407(5G)_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	7690.077	29.8	-7.90	54.0	24.20	AV	105.00	150	Vertical	Pass
1	7690.077	39.08	-7.90	74.0	34.92	Peak	105.00	150	Vertical	Pass
2**	8902.524	32.0	-4.93	--	-32.00	AV	82.00	150	Vertical	N/A
2	8902.524	41.88	-4.93	68.2	26.32	Peak	82.00	150	Vertical	Pass
3**	9768.558	30.4	-5.77	--	-30.40	AV	119.00	150	Vertical	N/A
3	9768.558	40.46	-5.77	68.2	27.74	Peak	119.00	150	Vertical	Pass
4**	11308.173	33.5	-1.63	54.0	20.50	AV	104.00	150	Vertical	Pass
4	11308.173	42.84	-1.63	74.0	31.16	Peak	104.00	150	Vertical	Pass
5**	14068.483	46.7	14.56	--	-46.70	AV	198.00	150	Vertical	N/A
5	14068.483	57.86	14.56	68.2	10.34	Peak	198.00	150	Vertical	Pass
6**	16592.352	46.9	11.91	--	-46.90	AV	86.00	150	Vertical	N/A
6	16592.352	56.42	11.91	68.2	11.78	Peak	86.00	150	Vertical	Pass

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

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	7866.033	29.6	-8.67	--	-29.60	AV	197.00	150	Horizontal	N/A
1	7866.033	39.33	-8.67	68.2	28.87	Peak	197.00	150	Horizontal	Pass
2**	9257.186	33.4	-4.29	--	-33.40	AV	219.00	150	Horizontal	N/A
2	9257.186	42.53	-4.29	68.2	25.67	Peak	219.00	150	Horizontal	Pass
3**	10620.845	33.1	-1.64	54.0	20.90	AV	134.00	150	Horizontal	Pass
3	10620.845	43.44	-1.64	74.0	30.56	Peak	134.00	150	Horizontal	Pass
4**	14040.990	47.0	14.29	--	-47.00	AV	26.00	150	Horizontal	N/A
4	14040.990	56.87	14.29	68.2	11.33	Peak	26.00	150	Horizontal	Pass
5**	16003.999	45.0	10.62	54.0	9.00	AV	37.00	150	Horizontal	Pass
5	16003.999	54.54	10.62	74.0	19.46	Peak	37.00	150	Horizontal	Pass
6**	16597.851	47.6	12.09	--	-47.60	AV	134.00	150	Horizontal	N/A
6	16597.851	55.52	12.09	68.2	12.68	Peak	134.00	150	Horizontal	Pass

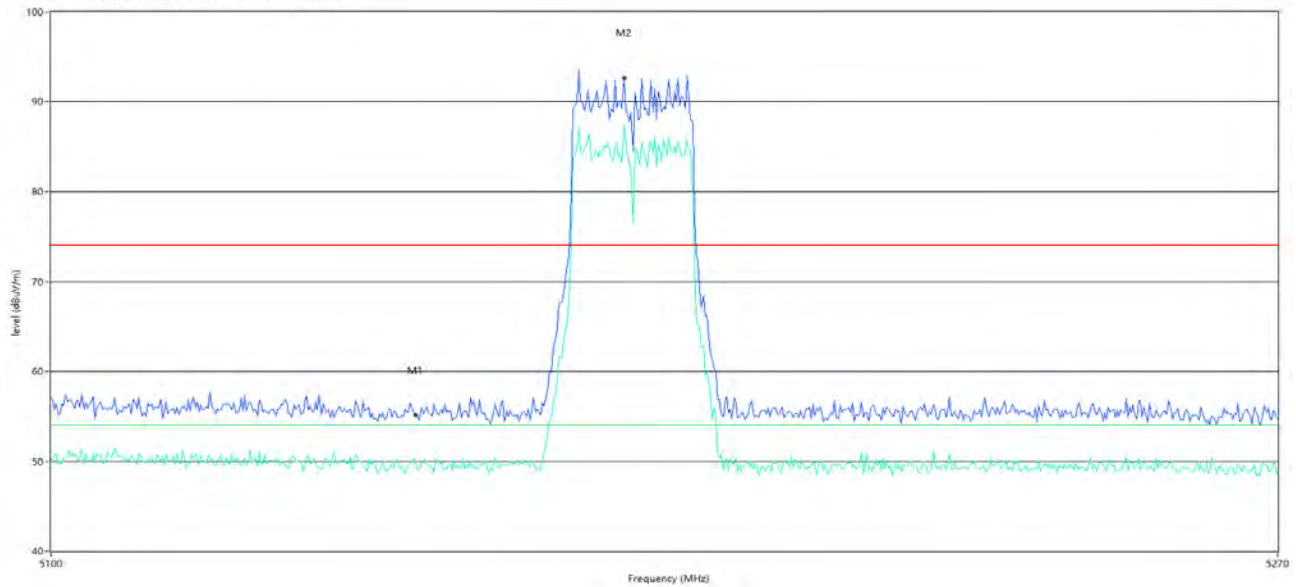
A.7.2 Band Edge (Restricted-band)

Test Band	Mode	Channel	Verdict
Band I	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Middle	Pass
Band IV	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Middle	Pass

Test Plots

Band I 11a CH36 ANT V

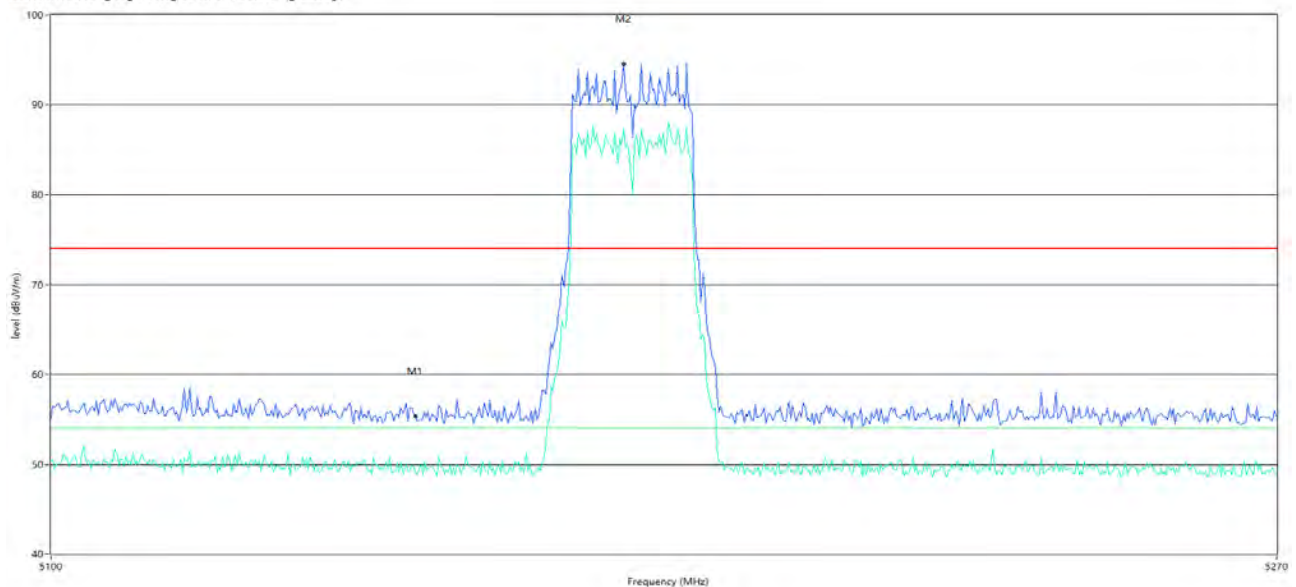
REmission Test case_FCC_Part 15E_FCC 15.407(5G BAND 1)_bandedge



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	5150.000	49.8	44.02	54.0	4.20	AV	184.87	150	Vertical	Pass
1	5150.000	55.12	44.02	74.0	18.88	Peak	184.87	150	Vertical	Pass
2**	5178.705	87.6	43.84	54.0	-33.60	AV	304.40	150	Vertical	N.A
2	5178.705	92.63	43.84	74.0	-18.63	Peak	304.40	150	Vertical	N.A

Band I 11a CH36 ANT H

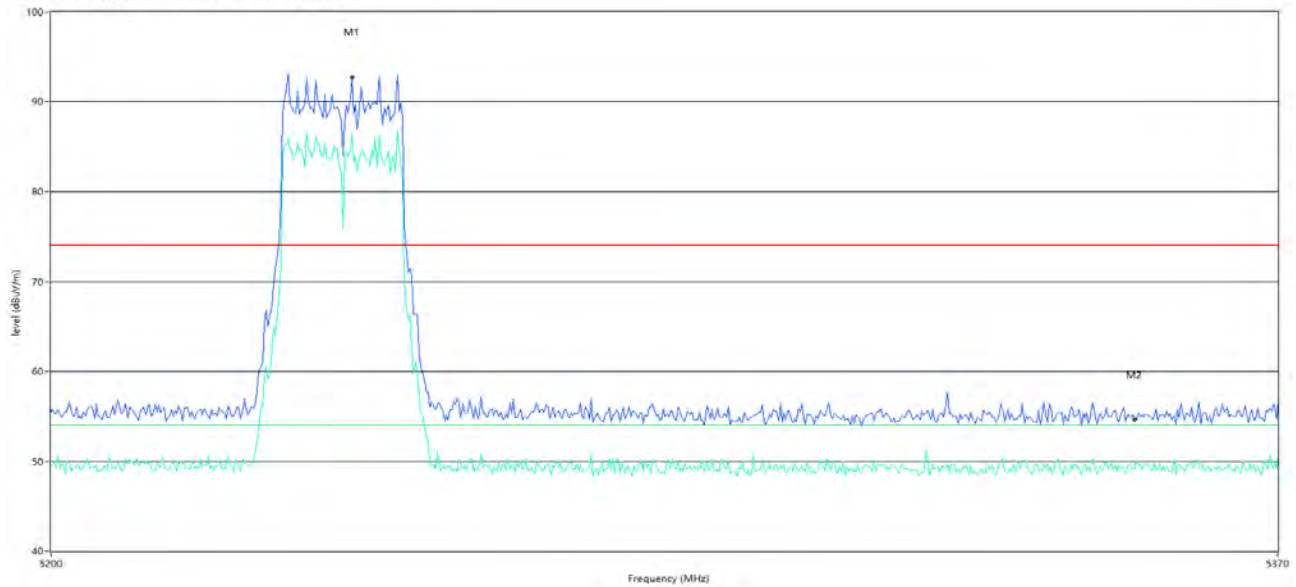
REmission Test case_FCC_Part 15E_FCC 15.407(5G BAND 1)_bandedge



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	5150.000	49.1	44.02	54.0	4.90	AV	56.52	150	Horizontal	Pass
1	5150.000	55.23	44.02	74.0	18.77	Peak	56.52	150	Horizontal	Pass
2**	5178.705	87.4	43.84	54.0	-33.40	AV	342.90	150	Horizontal	N.A
2	5178.705	94.55	43.84	74.0	-20.55	Peak	342.90	150	Horizontal	N.A

Band I 11a CH48 ANT V

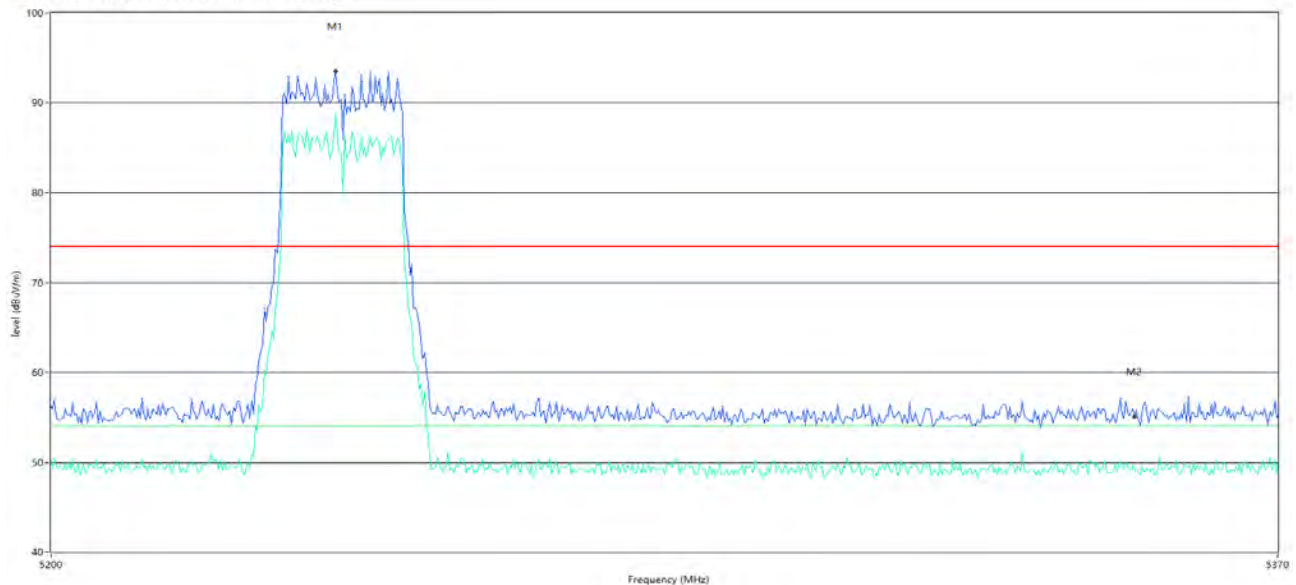
REmission Test case_FCC_Part 15E_FCC 15.407(5G BAND 1)_bandedge



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	5241.190	86.6	43.80	54.0	-32.60	AV	311.40	150	Vertical	N.A
1	5241.190	92.69	43.80	74.0	-18.69	Peak	311.40	150	Vertical	N.A
2**	5350.000	49.5	43.88	54.0	4.50	AV	215.99	150	Vertical	Pass
2	5350.000	54.59	43.88	74.0	19.41	Peak	215.99	150	Vertical	Pass

Band I 11a CH48 ANT H

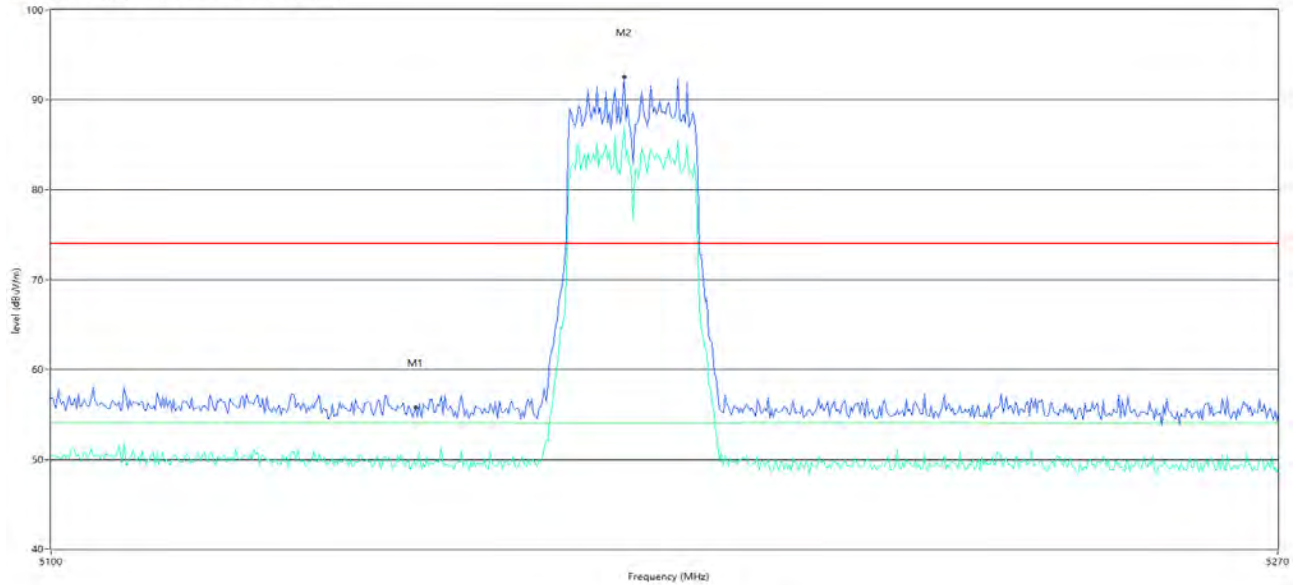
REmission Test case_FCC_Part 15E_FCC 15.407(5G BAND 1)_bandedge



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	5238.940	88.8	43.82	54.0	-34.80	AV	333.10	150	Horizontal	N.A
1	5238.940	93.50	43.82	74.0	-19.50	Peak	333.10	150	Horizontal	N.A
2**	5350.000	49.0	43.88	54.0	5.00	AV	257.70	150	Horizontal	Pass
2	5350.000	55.34	43.88	74.0	18.66	Peak	257.70	150	Horizontal	Pass

Band I 11n20 CH36 ANT V

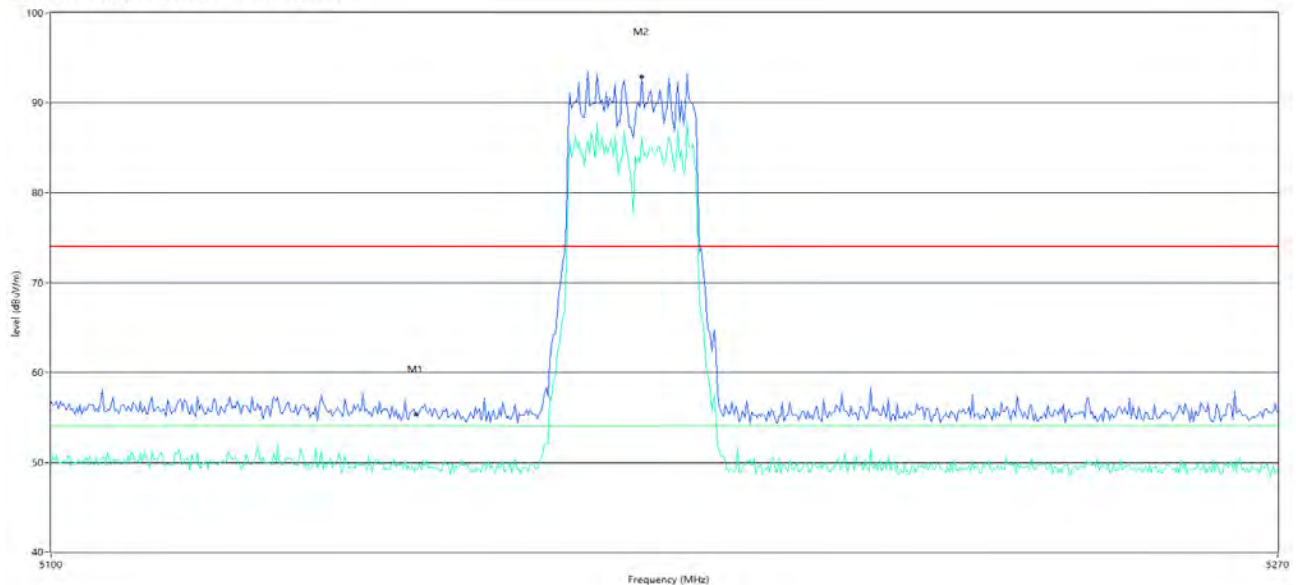
REmission Test case_FCC_Part 15E_FCC 15.407(5G BAND 1)_bandedge



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	5150.000	49.3	44.02	54.0	4.70	AV	115.08	150	Vertical	Pass
1	5150.000	55.56	44.02	74.0	18.44	Peak	115.08	150	Vertical	Pass
2**	5178.705	87.1	43.84	54.0	-33.10	AV	313.80	150	Vertical	N.A
2	5178.705	92.53	43.84	74.0	-18.53	Peak	313.80	150	Vertical	N.A

Band I 11n20 CH36 ANT H

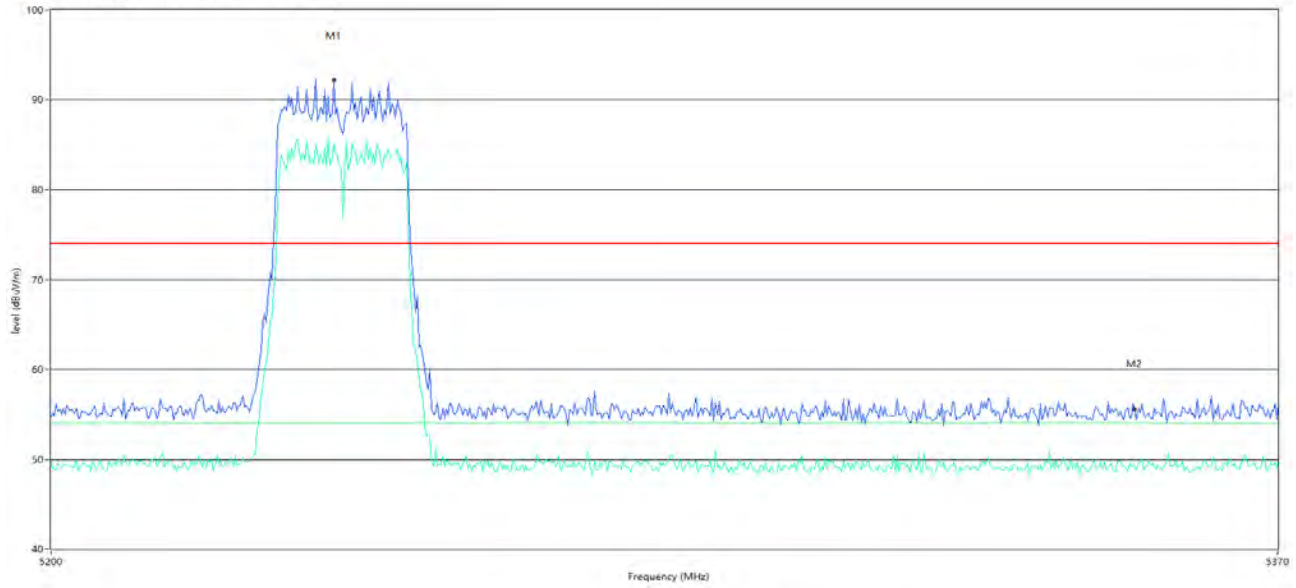
REmission Test case_FCC_Part 15E_FCC 15.407(5G BAND 1)_bandedge



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	5150.000	49.4	44.02	54.0	4.60	AV	38.80	150	Horizontal	Pass
1	5150.000	55.32	44.02	74.0	18.68	Peak	38.80	150	Horizontal	Pass
2**	5181.205	86.2	43.83	54.0	-32.20	AV	317.50	150	Horizontal	N.A
2	5181.205	92.89	43.83	74.0	-18.89	Peak	317.50	150	Horizontal	N.A

Band I 11n20 CH48 ANT V

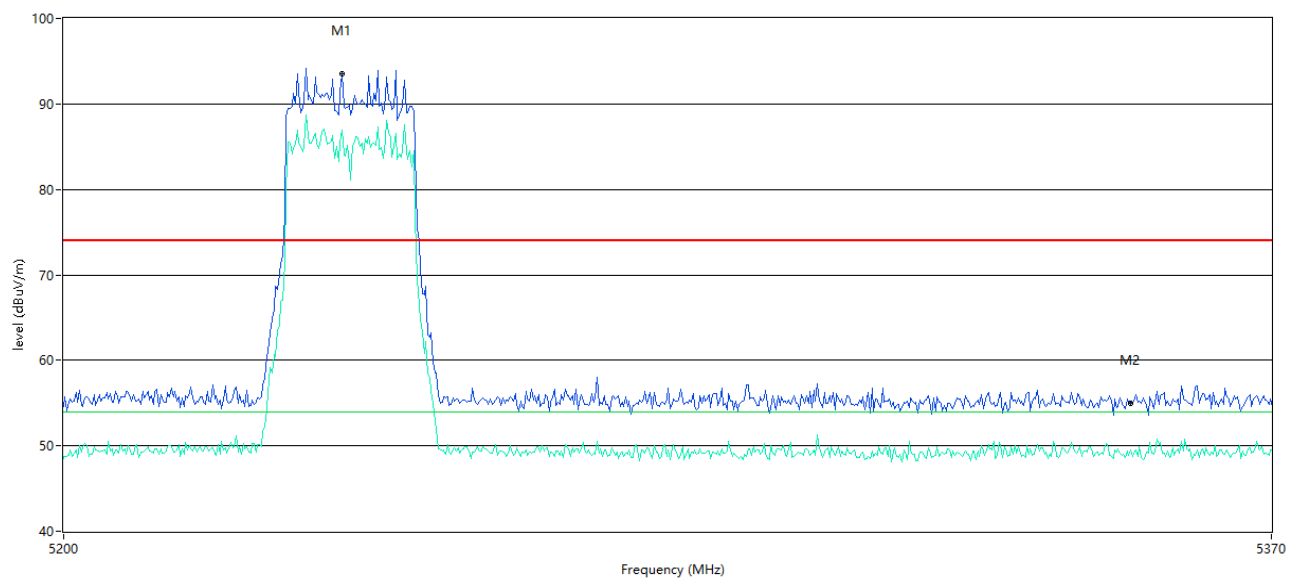
REmission Test case_FCC_Part 15E_FCC 15.407(5G BAND 1)_bandedge



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	5238.690	85.2	43.83	54.0	-31.20	AV	319.20	150	Vertical	N.A
1	5238.690	92.19	43.83	74.0	-18.19	Peak	319.20	150	Vertical	N.A
2**	5350.000	49.0	43.88	54.0	5.00	AV	297.80	150	Vertical	Pass
2	5350.000	55.14	43.88	74.0	18.86	Peak	297.80	150	Vertical	Pass

Band I 11n20 CH48 ANT H

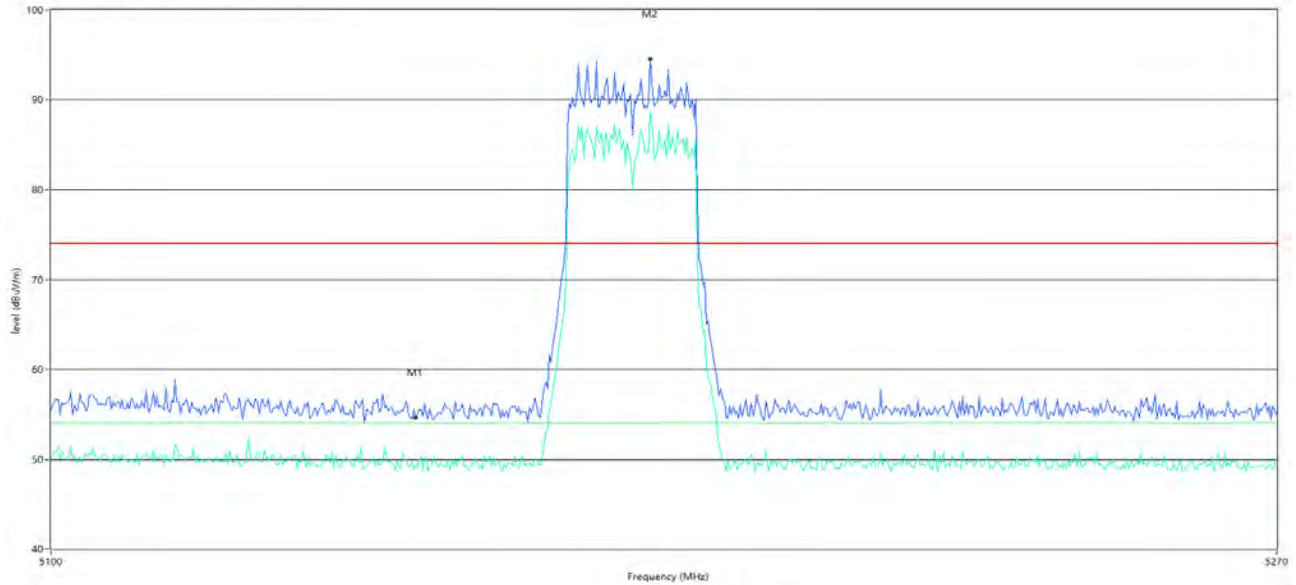
REmission Test case_FCC_Part 15E_FCC 15.407(5G BAND 1)_bandedge



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	5238.690	87.0	43.83	54.0	-33.00	AV	338.50	150	Horizontal	N.A
1	5238.690	93.51	43.83	74.0	-19.51	Peak	338.50	150	Horizontal	N.A
2**	5350.000	49.2	43.88	54.0	4.80	AV	90.36	150	Horizontal	Pass
2	5350.000	55.01	43.88	74.0	18.99	Peak	90.36	150	Horizontal	Pass

Band I 11ac20 CH36 ANT V

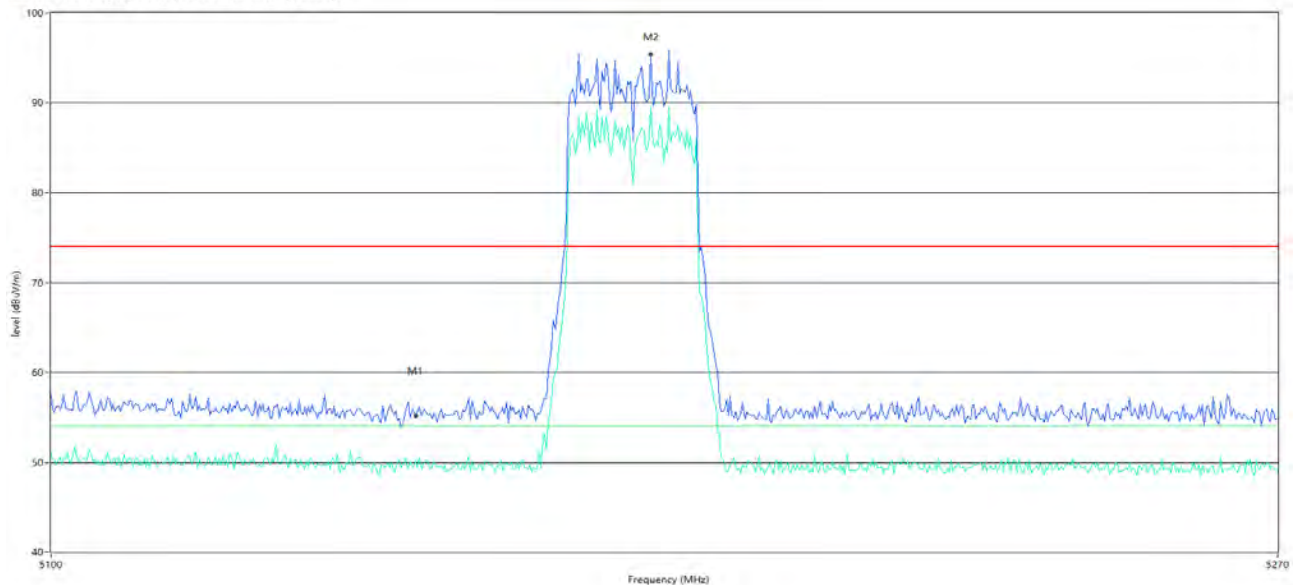
REmission Test case_FCC_Part 15E_FCC 15.407(5G BAND 1)_bandedge



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	5150.000	49.3	44.02	54.0	4.70	AV	327.93	150	Vertical	Pass
1	5150.000	54.71	44.02	74.0	19.29	Peak	327.93	150	Vertical	Pass
2**	5182.454	88.8	43.82	54.0	-34.80	AV	307.90	150	Vertical	N.A
2	5182.454	94.54	43.82	74.0	-20.54	Peak	307.90	150	Vertical	N.A

Band I 11ac20 CH36 ANT H

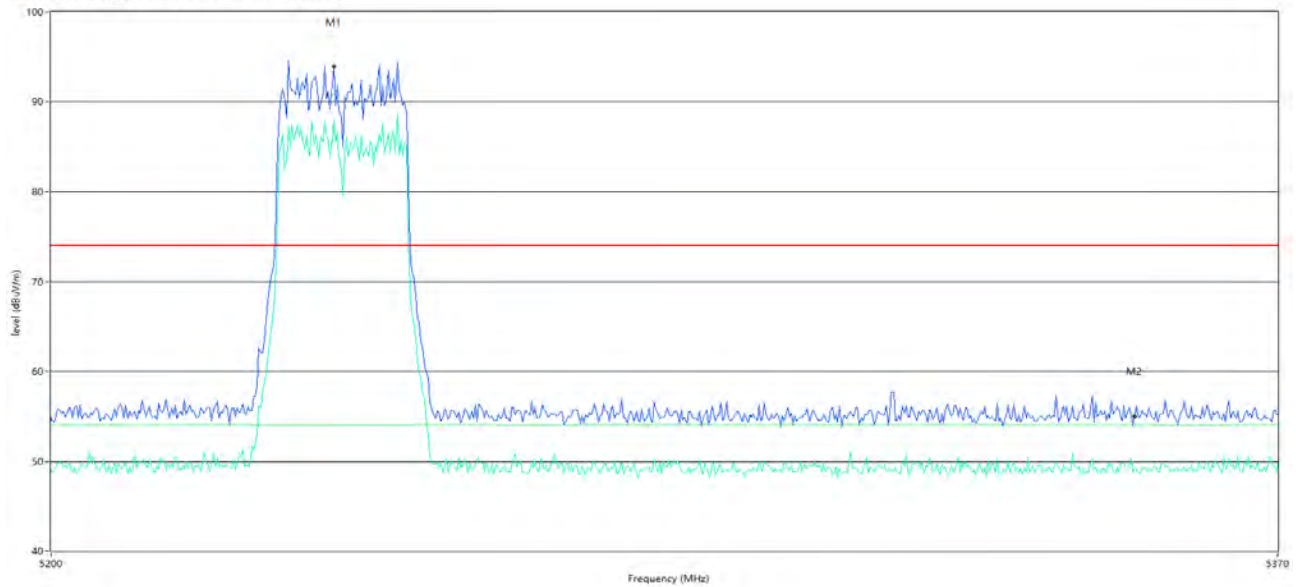
REmission Test case_FCC_Part 15E_FCC 15.407(5G BAND 1)_bandedge



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	5150.000	50.0	44.02	54.0	4.00	AV	160.27	150	Horizontal	Pass
1	5150.000	55.24	44.02	74.0	18.76	Peak	160.27	150	Horizontal	Pass
2**	5182.454	89.5	43.82	54.0	-35.50	AV	324.50	150	Horizontal	N.A
2	5182.454	95.45	43.82	74.0	-21.45	Peak	324.50	150	Horizontal	N.A

Band I 11ac20 CH48 ANT V

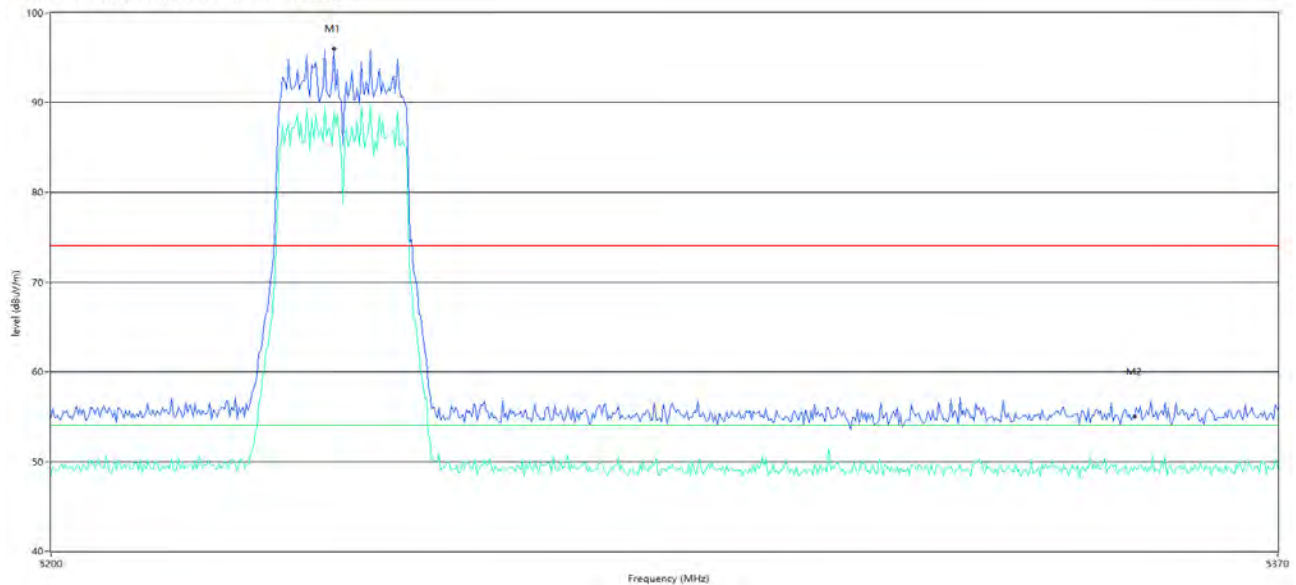
REmission Test case_FCC_Part 15E_FCC 15.407(5G BAND 1)_bandedge



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	5238.690	88.1	43.83	54.0	-34.10	AV	314.00	150	Vertical	N.A
1	5238.690	93.90	43.83	74.0	-19.90	Peak	314.00	150	Vertical	N.A
2**	5350.000	49.2	43.88	54.0	4.80	AV	183.25	150	Vertical	Pass
2	5350.000	55.40	43.88	74.0	18.60	Peak	183.25	150	Vertical	Pass

Band I 11ac20 CH48 ANT H

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	5238.690	89.1	43.83	54.0	-35.10	AV	324.70	150	Horizontal	N.A
1	5238.690	95.98	43.83	74.0	-21.98	Peak	324.70	150	Horizontal	N.A
2**	5350.000	49.3	43.88	54.0	4.70	AV	144.78	150	Horizontal	Pass
2	5350.000	55.35	43.88	74.0	18.65	Peak	144.78	150	Horizontal	Pass