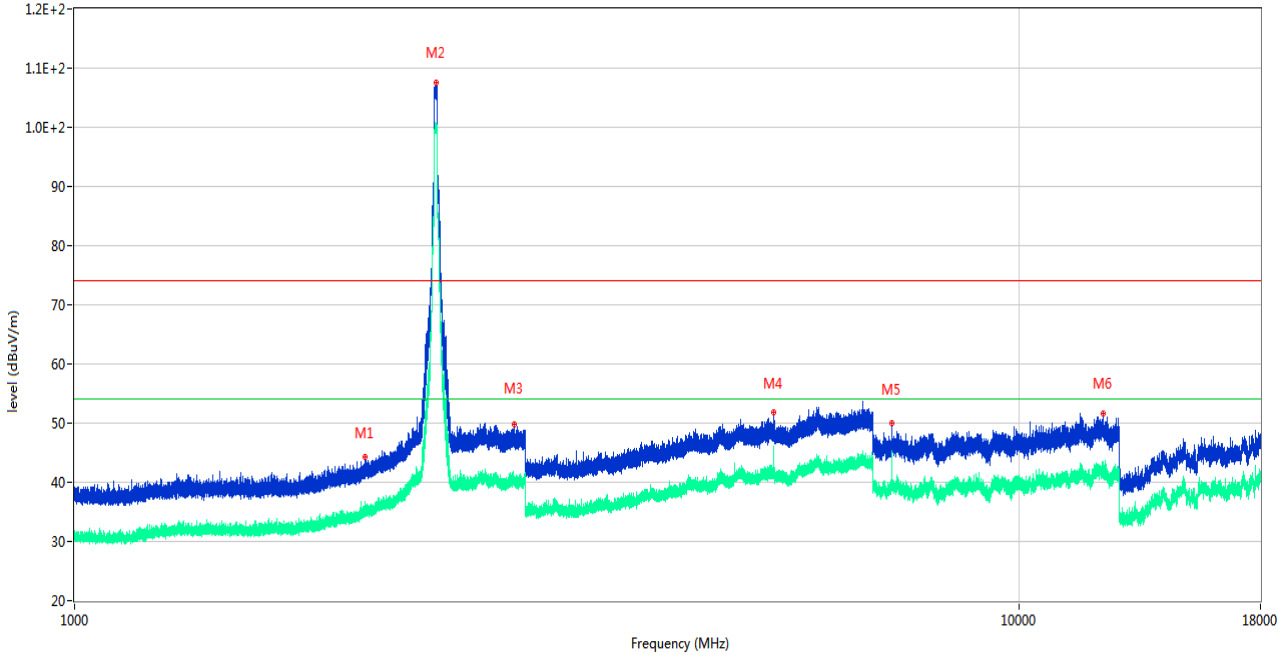


1 GHz to 12.75 GHz, ANT V 802.11g Low Channel

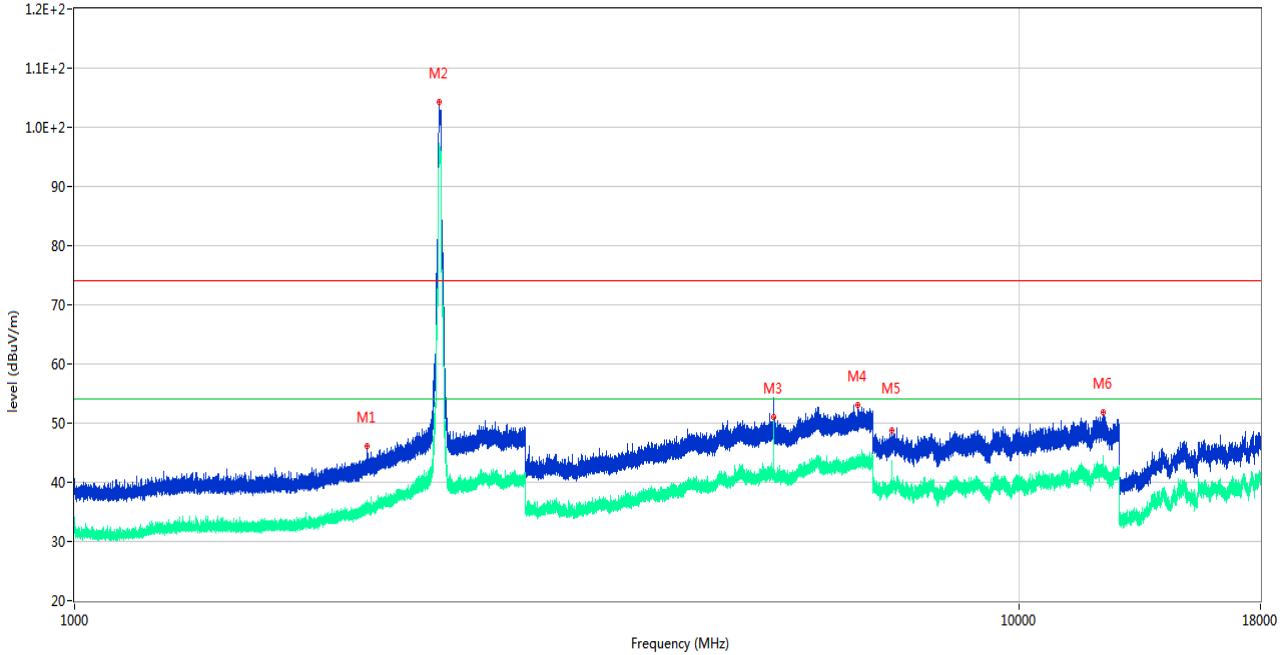
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2031.400	44.30	-15.61	74.0	-29.70	Peak	360.00	150	Vertical	Pass
1**	2031.400	34.96	-15.61	54.0	-19.04	AV	360.00	150	Vertical	Pass
2	2415.000	107.61	-13.49	74.0	33.61	Peak	172.00	150	Vertical	N/A
2**	2415.000	99.87	-13.49	54.0	45.87	AV	172.00	150	Vertical	N/A
3	2921.400	49.87	-11.07	74.0	-24.13	Peak	222.00	150	Vertical	Pass
3**	2921.400	40.49	-11.07	54.0	-13.51	AV	222.00	150	Vertical	Pass
4	5500.400	51.86	-3.16	74.0	-22.14	Peak	225.00	150	Vertical	Pass
4**	5500.400	45.81	-3.16	54.0	-8.19	AV	225.00	150	Vertical	Pass
5	7333.500	50.00	-4.80	74.0	-24.00	Peak	257.00	150	Vertical	Pass
5**	7333.500	44.78	-4.80	54.0	-9.22	AV	257.00	150	Vertical	Pass
6	12275.338	51.64	0.08	74.0	-22.36	Peak	308.00	150	Vertical	Pass
6**	12275.338	42.17	0.08	54.0	-11.83	AV	308.00	150	Vertical	Pass

1 GHz to 12.75 GHz, ANT H 802.11g Middle Channel

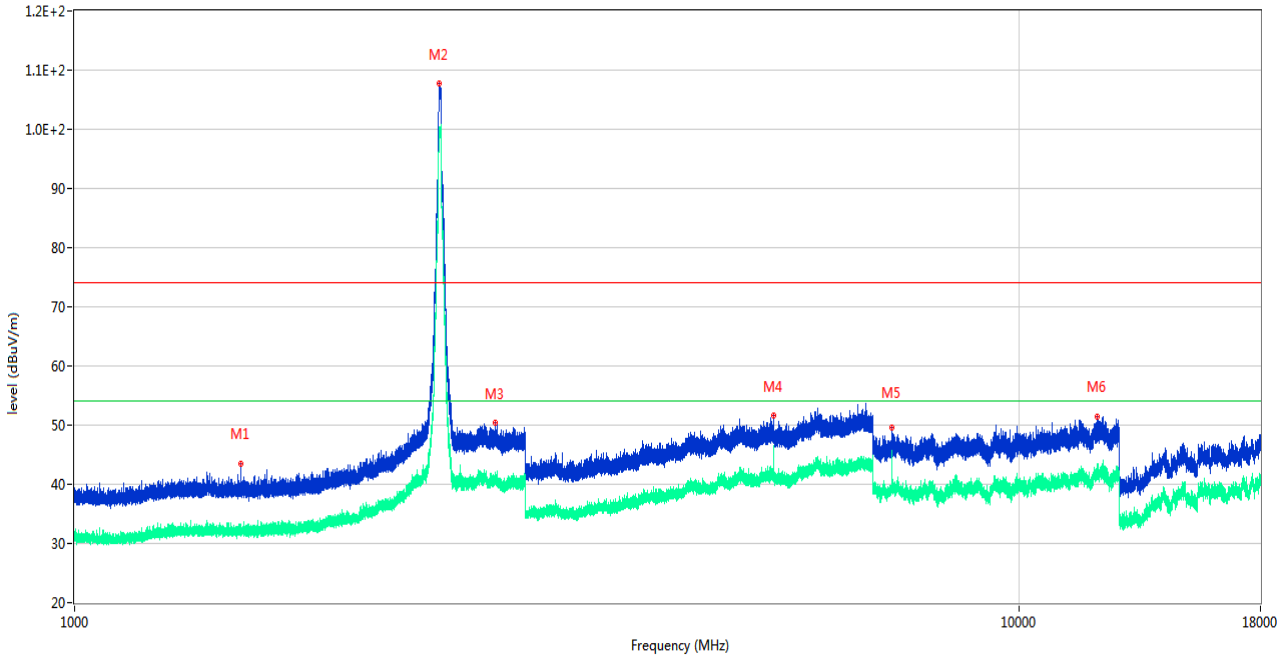
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2040.900	46.09	-15.69	74.0	-27.91	Peak	14.00	150	Horizontal	Pass
1**	2040.900	35.14	-15.69	54.0	-18.86	AV	14.00	150	Horizontal	Pass
2	2434.100	104.28	-13.52	74.0	30.28	Peak	351.00	150	Horizontal	N/A
2**	2434.100	96.21	-13.52	54.0	42.21	AV	351.00	150	Horizontal	N/A
3	5500.200	54.23	-3.15	74.0	-19.77	Peak	70.00	150	Horizontal	Pass
3**	5500.200	51.01	-3.15	54.0	-2.99	AV	70.00	150	Horizontal	Pass
4	6753.600	53.03	-1.49	74.0	-20.97	Peak	239.00	150	Horizontal	Pass
4**	6753.600	44.41	-1.49	54.0	-9.59	AV	239.00	150	Horizontal	Pass
5	7333.212	48.78	-4.80	74.0	-25.22	Peak	174.00	150	Horizontal	Pass
5**	7333.212	43.41	-4.80	54.0	-10.59	AV	174.00	150	Horizontal	Pass
6	12271.313	51.74	0.07	74.0	-22.26	Peak	102.00	150	Horizontal	Pass
6**	12271.313	42.25	0.07	54.0	-11.75	AV	102.00	150	Horizontal	Pass

1 GHz to 12.75 GHz, ANT V 802.11g Middle Channel

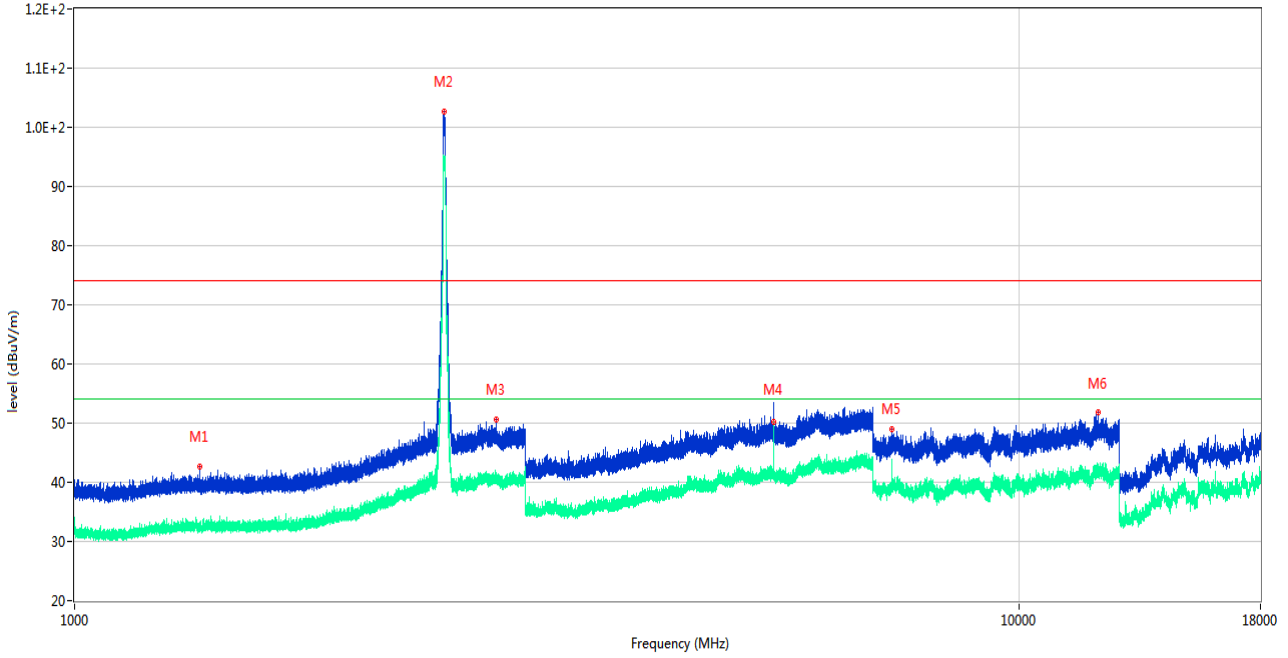
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1498.100	43.48	-17.96	74.0	-30.52	Peak	286.00	150	Vertical	Pass
1**	1498.100	33.21	-17.96	54.0	-20.79	AV	286.00	150	Vertical	Pass
2	2431.600	107.66	-13.54	74.0	33.66	Peak	131.00	150	Vertical	N/A
2**	2431.600	100.10	-13.54	54.0	46.10	AV	131.00	150	Vertical	N/A
3	2789.500	50.31	-11.09	74.0	-23.69	Peak	46.00	150	Vertical	Pass
3**	2789.500	41.25	-11.09	54.0	-12.75	AV	46.00	150	Vertical	Pass
4	5500.000	51.53	-3.14	74.0	-22.47	Peak	224.00	150	Vertical	Pass
4**	5500.000	46.61	-3.14	54.0	-7.39	AV	224.00	150	Vertical	Pass
5	7332.925	49.55	-4.81	74.0	-24.45	Peak	266.00	150	Vertical	Pass
5**	7332.925	41.76	-4.81	54.0	-12.24	AV	266.00	150	Vertical	Pass
6	12078.113	51.42	-1.35	74.0	-22.58	Peak	32.00	150	Vertical	Pass
6**	12078.113	42.05	-1.35	54.0	-11.95	AV	32.00	150	Vertical	Pass

1 GHz to 12.75 GHz, ANT H 802.11g High Channel

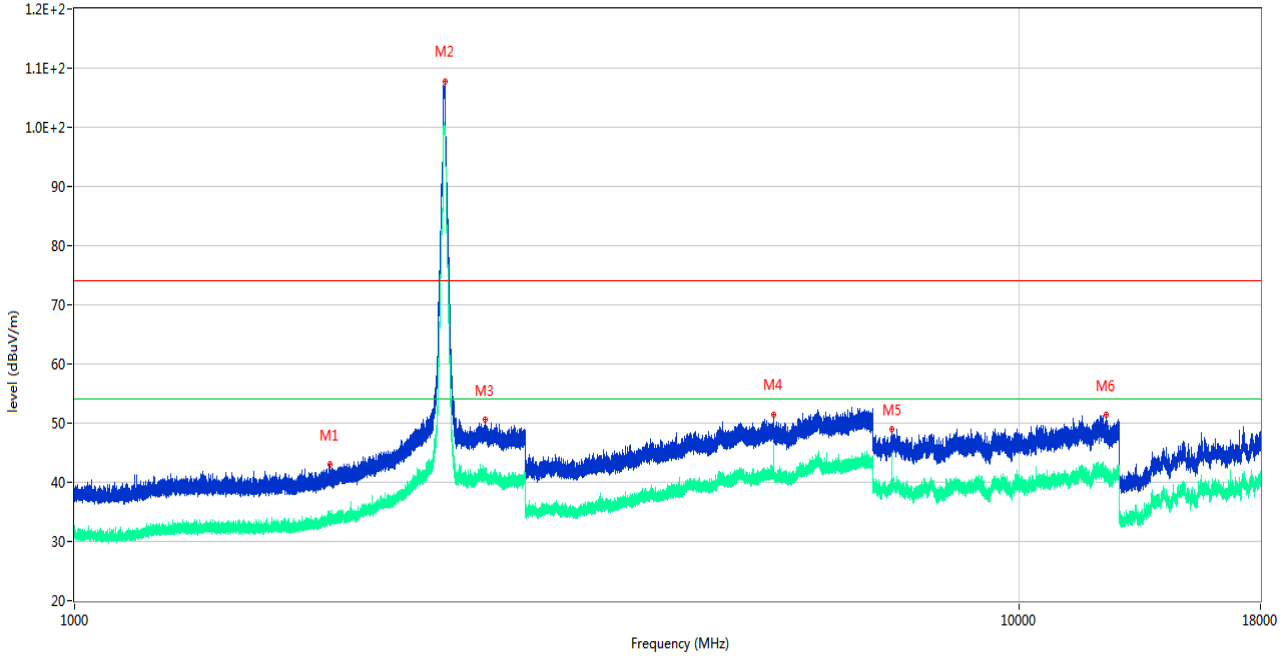
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1356.300	42.73	-17.94	74.0	-31.27	Peak	79.00	150	Horizontal	Pass
1**	1356.300	32.38	-17.94	54.0	-21.62	AV	79.00	150	Horizontal	Pass
2	2459.100	102.69	-13.93	74.0	28.69	Peak	94.00	150	Horizontal	N/A
2**	2459.100	94.20	-13.93	54.0	40.20	AV	94.00	150	Horizontal	N/A
3	2793.300	50.69	-11.13	74.0	-23.31	Peak	139.00	150	Horizontal	Pass
3**	2793.300	40.12	-11.13	54.0	-13.88	AV	139.00	150	Horizontal	Pass
4	5500.000	53.26	-3.14	74.0	-20.74	Peak	57.00	150	Horizontal	Pass
4**	5500.000	50.28	-3.14	54.0	-3.72	AV	57.00	150	Horizontal	Pass
5	7333.500	49.01	-4.80	74.0	-24.99	Peak	185.00	150	Horizontal	Pass
5**	7333.500	43.97	-4.80	54.0	-10.03	AV	185.00	150	Horizontal	Pass
6	12111.462	51.80	-0.82	74.0	-22.20	Peak	360.00	150	Horizontal	Pass
6**	12111.462	42.07	-0.82	54.0	-11.93	AV	360.00	150	Horizontal	Pass

1 GHz to 12.75 GHz, ANT V 802.11g High Channel

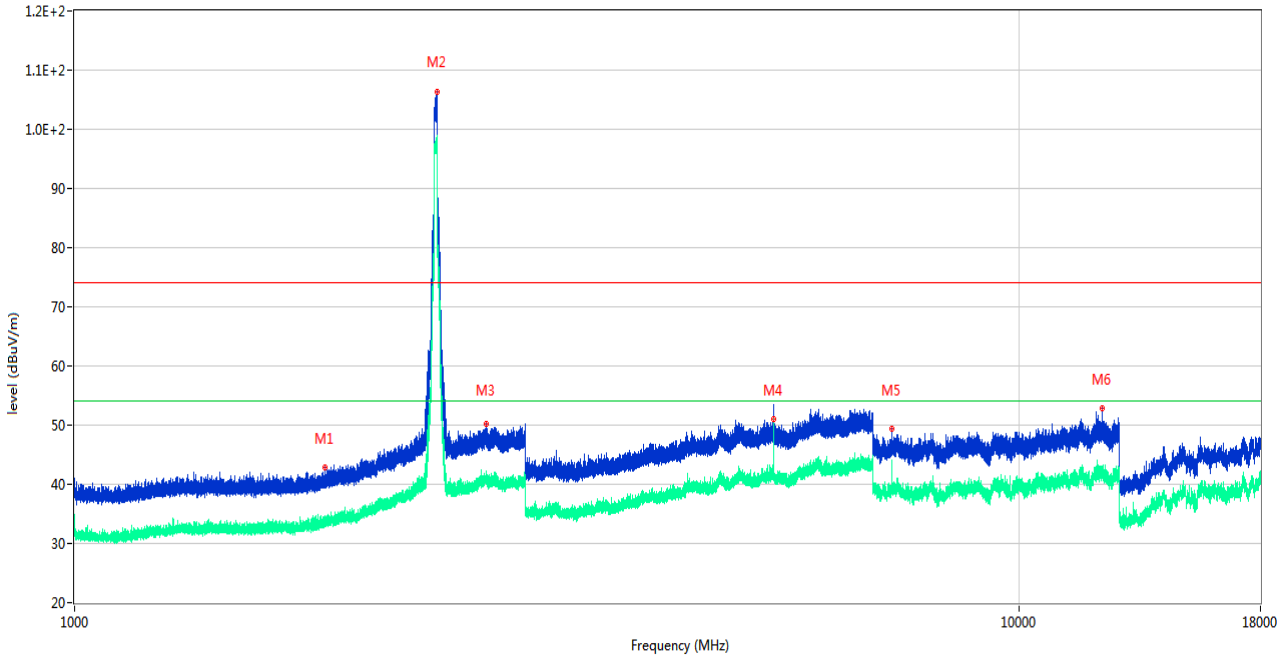
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1863.900	43.03	-16.80	74.0	-30.97	Peak	69.00	150	Vertical	Pass
1**	1863.900	34.11	-16.80	54.0	-19.89	AV	69.00	150	Vertical	Pass
2	2465.000	107.78	-13.73	74.0	33.78	Peak	176.00	150	Vertical	N/A
2**	2465.000	99.85	-13.73	54.0	45.85	AV	176.00	150	Vertical	N/A
3	2722.400	50.55	-10.76	74.0	-23.45	Peak	69.00	150	Vertical	Pass
3**	2722.400	41.22	-10.76	54.0	-12.78	AV	69.00	150	Vertical	Pass
4	5499.600	51.37	-3.12	74.0	-22.63	Peak	218.00	150	Vertical	Pass
4**	5499.600	43.92	-3.12	54.0	-10.08	AV	218.00	150	Vertical	Pass
5	7333.212	48.99	-4.80	74.0	-25.01	Peak	255.00	150	Vertical	Pass
5**	7333.212	44.60	-4.80	54.0	-9.40	AV	255.00	150	Vertical	Pass
6	12364.463	51.44	-1.52	74.0	-22.56	Peak	322.00	150	Vertical	Pass
6**	12364.463	41.70	-1.52	54.0	-12.30	AV	322.00	150	Vertical	Pass

1 GHz to 12.75 GHz, ANT H 802.11n20 Low Channel

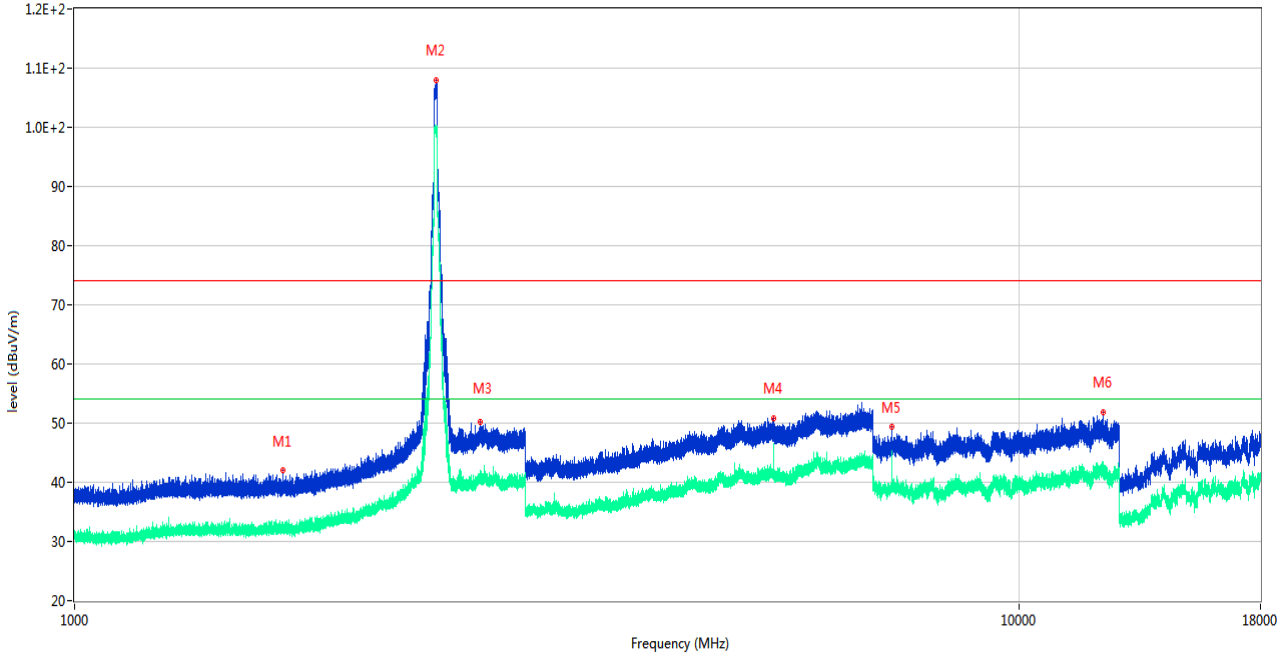
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1839.300	42.83	-17.03	74.0	-31.17	Peak	119.00	150	Horizontal	Pass
1**	1839.300	34.07	-17.03	54.0	-19.93	AV	119.00	150	Horizontal	Pass
2	2419.600	106.40	-13.61	74.0	32.40	Peak	231.00	150	Horizontal	N/A
2**	2419.600	98.99	-13.61	54.0	44.99	AV	231.00	150	Horizontal	N/A
3	2727.700	50.12	-10.80	74.0	-23.88	Peak	46.00	150	Horizontal	Pass
3**	2727.700	40.29	-10.80	54.0	-13.71	AV	46.00	150	Horizontal	Pass
4	5500.200	53.07	-3.15	74.0	-20.93	Peak	64.00	150	Horizontal	Pass
4**	5500.200	50.92	-3.15	54.0	-3.08	AV	64.00	150	Horizontal	Pass
5	7333.788	49.46	-4.84	74.0	-24.54	Peak	273.00	150	Horizontal	Pass
5**	7333.788	43.23	-4.84	54.0	-10.77	AV	273.00	150	Horizontal	Pass
6	12247.737	52.80	-0.14	74.0	-21.20	Peak	324.00	150	Horizontal	Pass
6**	12247.737	42.23	-0.14	54.0	-11.77	AV	324.00	150	Horizontal	Pass

1 GHz to 12.75 GHz, ANT V 802.11n20 Low Channel

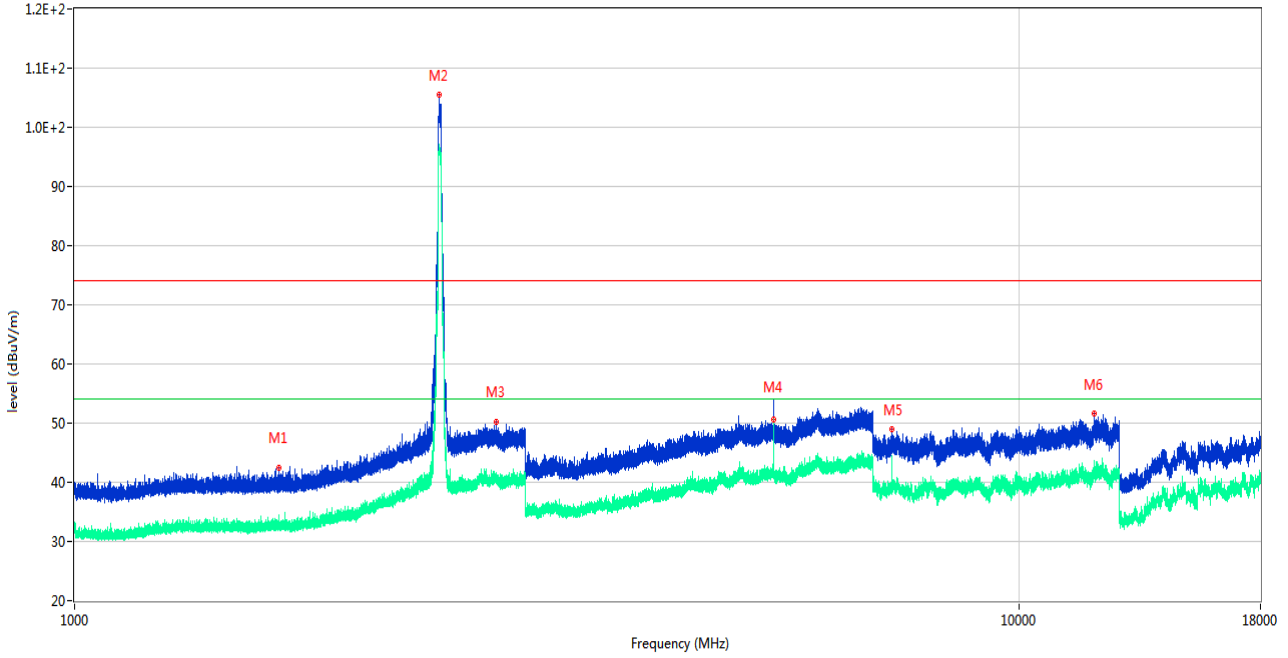
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1662.900	42.00	-17.92	74.0	-32.00	Peak	24.00	150	Vertical	Pass
1**	1662.900	32.28	-17.92	54.0	-21.72	AV	24.00	150	Vertical	Pass
2	2413.300	107.91	-13.52	74.0	33.91	Peak	196.00	150	Vertical	N/A
2**	2413.300	100.19	-13.52	54.0	46.19	AV	196.00	150	Vertical	N/A
3	2684.600	50.11	-11.40	74.0	-23.89	Peak	322.00	150	Vertical	Pass
3**	2684.600	40.08	-11.40	54.0	-13.92	AV	322.00	150	Vertical	Pass
4	5499.800	50.75	-3.13	74.0	-23.25	Peak	245.00	150	Vertical	Pass
4**	5499.800	45.26	-3.13	54.0	-8.74	AV	245.00	150	Vertical	Pass
5	7333.212	49.34	-4.80	74.0	-24.66	Peak	256.00	150	Vertical	Pass
5**	7333.212	45.24	-4.80	54.0	-8.76	AV	256.00	150	Vertical	Pass
6	12264.412	51.85	0.05	74.0	-22.15	Peak	358.00	150	Vertical	Pass
6**	12264.412	42.44	0.05	54.0	-11.56	AV	358.00	150	Vertical	Pass

1 GHz to 12.75 GHz, ANT H 802.11n20 Middle Channel

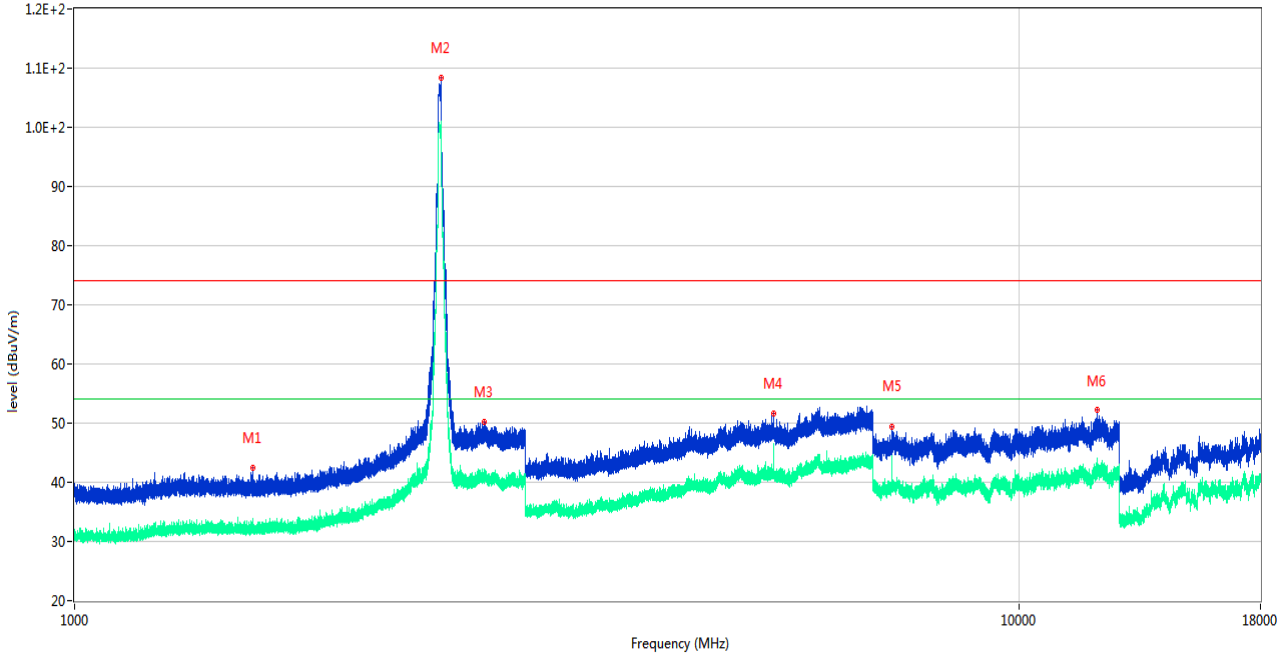
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1645.700	42.50	-17.99	74.0	-31.50	Peak	360.00	150	Horizontal	Pass
1**	1645.700	33.52	-17.99	54.0	-20.48	AV	360.00	150	Horizontal	Pass
2	2430.800	105.41	-13.56	74.0	31.41	Peak	237.00	150	Horizontal	N/A
2**	2430.800	96.52	-13.56	54.0	42.52	AV	237.00	150	Horizontal	N/A
3	2795.500	50.29	-11.29	74.0	-23.71	Peak	57.00	150	Horizontal	Pass
3**	2795.500	40.22	-11.29	54.0	-13.78	AV	57.00	150	Horizontal	Pass
4	5500.200	52.50	-3.15	74.0	-21.50	Peak	77.00	150	Horizontal	Pass
4**	5500.200	50.67	-3.15	54.0	-3.33	AV	77.00	150	Horizontal	Pass
5	7332.925	48.91	-4.81	74.0	-25.09	Peak	257.00	150	Horizontal	Pass
5**	7332.925	41.96	-4.81	54.0	-12.04	AV	257.00	150	Horizontal	Pass
6	12016.300	51.59	-1.20	74.0	-22.41	Peak	224.00	150	Horizontal	Pass
6**	12016.300	41.86	-1.20	54.0	-12.14	AV	224.00	150	Horizontal	Pass

1 GHz to 12.75 GHz, ANT V 802.11n20 Middle Channel

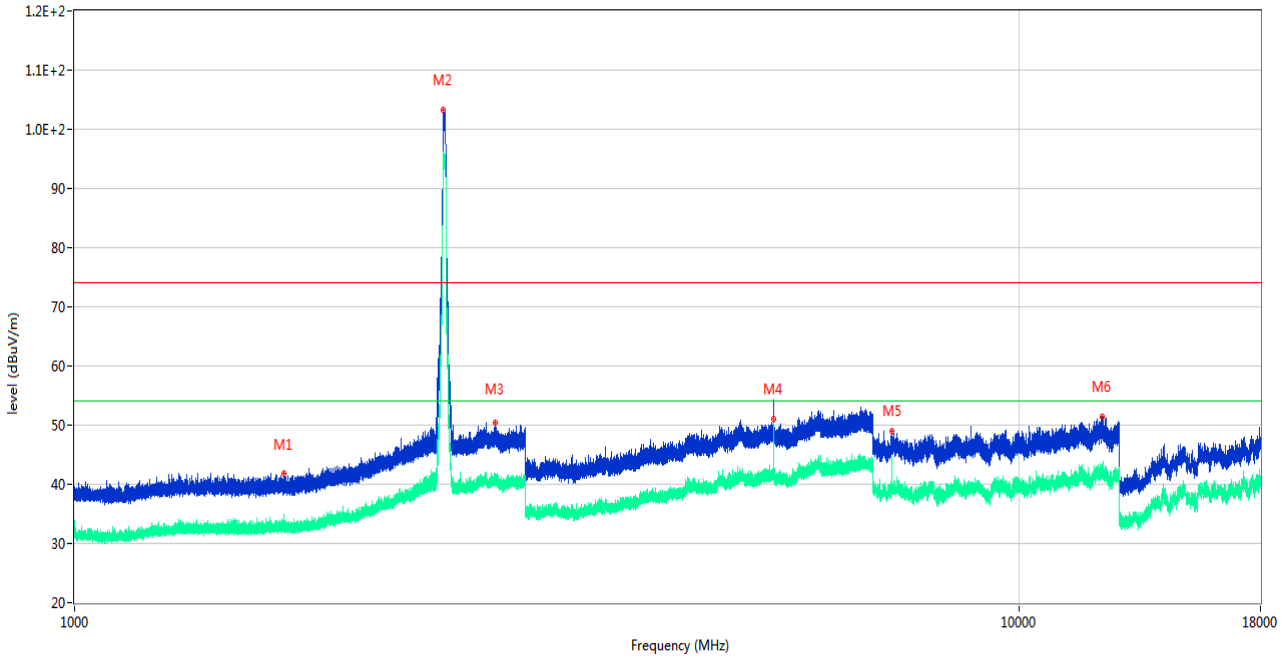
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1545.400	42.53	-17.96	74.0	-31.47	Peak	334.00	150	Vertical	Pass
1**	1545.400	32.37	-17.96	54.0	-21.63	AV	334.00	150	Vertical	Pass
2	2444.500	108.43	-13.32	74.0	34.43	Peak	264.00	150	Vertical	N/A
2**	2444.500	100.18	-13.32	54.0	46.18	AV	264.00	150	Vertical	N/A
3	2712.800	50.16	-11.21	74.0	-23.84	Peak	90.00	150	Vertical	Pass
3**	2712.800	41.35	-11.21	54.0	-12.65	AV	90.00	150	Vertical	Pass
4	5500.200	51.69	-3.15	74.0	-22.31	Peak	242.00	150	Vertical	Pass
4**	5500.200	45.93	-3.15	54.0	-8.07	AV	242.00	150	Vertical	Pass
5	7333.500	49.42	-4.80	74.0	-24.58	Peak	255.00	150	Vertical	Pass
5**	7333.500	43.88	-4.80	54.0	-10.12	AV	255.00	150	Vertical	Pass
6	12105.425	52.17	-0.93	74.0	-21.83	Peak	307.00	150	Vertical	Pass
6**	12105.425	42.36	-0.93	54.0	-11.64	AV	307.00	150	Vertical	Pass

1 GHz to 12.75 GHz, ANT H 802.11n20 High Channel

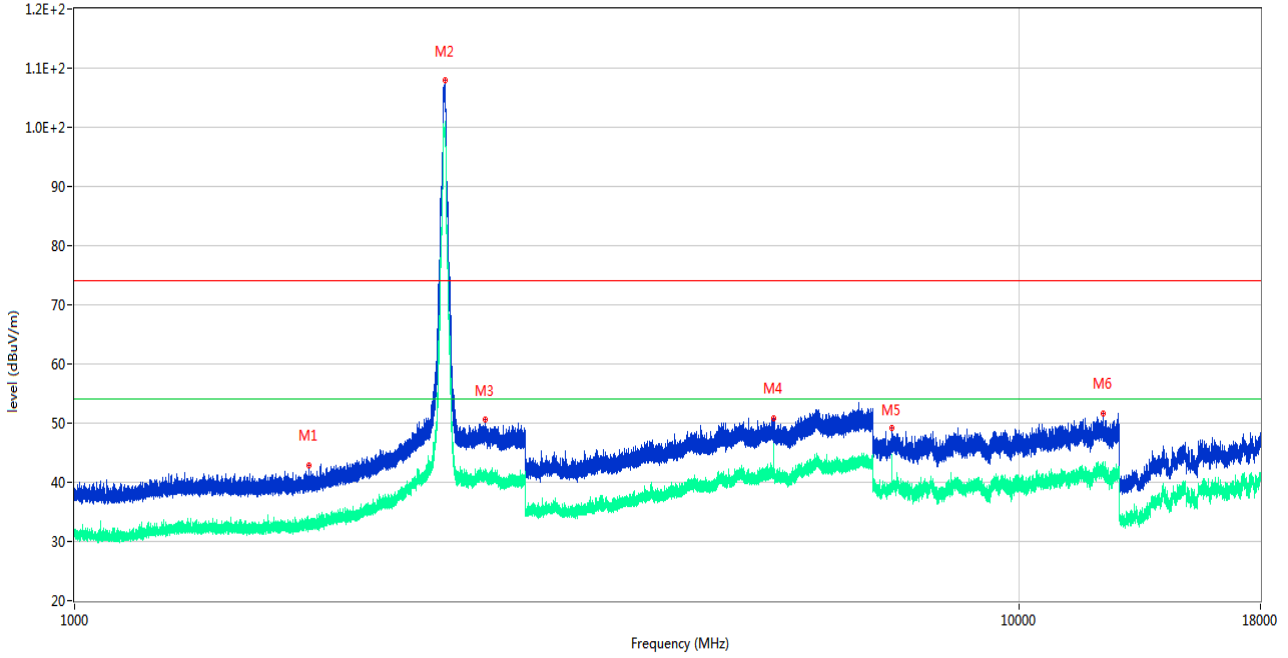
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1666.900	41.77	-17.81	74.0	-32.23	Peak	235.00	150	Horizontal	Pass
1**	1666.900	33.63	-17.81	54.0	-20.37	AV	235.00	150	Horizontal	Pass
2	2455.700	103.35	-13.79	74.0	29.35	Peak	108.00	150	Horizontal	N/A
2**	2455.700	94.83	-13.79	54.0	40.83	AV	108.00	150	Horizontal	N/A
3	2788.800	50.39	-11.08	74.0	-23.61	Peak	245.00	150	Horizontal	Pass
3**	2788.800	40.82	-11.08	54.0	-13.18	AV	245.00	150	Horizontal	Pass
4	5500.200	52.89	-3.15	74.0	-21.11	Peak	65.00	150	Horizontal	Pass
4**	5500.200	50.96	-3.15	54.0	-3.04	AV	65.00	150	Horizontal	Pass
5	7333.212	48.94	-4.80	74.0	-25.06	Peak	192.00	150	Horizontal	Pass
5**	7333.212	43.29	-4.80	54.0	-10.71	AV	192.00	150	Horizontal	Pass
6	12254.349	51.48	-0.04	74.0	-22.52	Peak	226.00	150	Horizontal	Pass
6**	12254.349	41.83	-0.04	54.0	-12.17	AV	226.00	150	Horizontal	Pass

1 GHz to 12.75 GHz, ANT V 802.11n20 High Channel

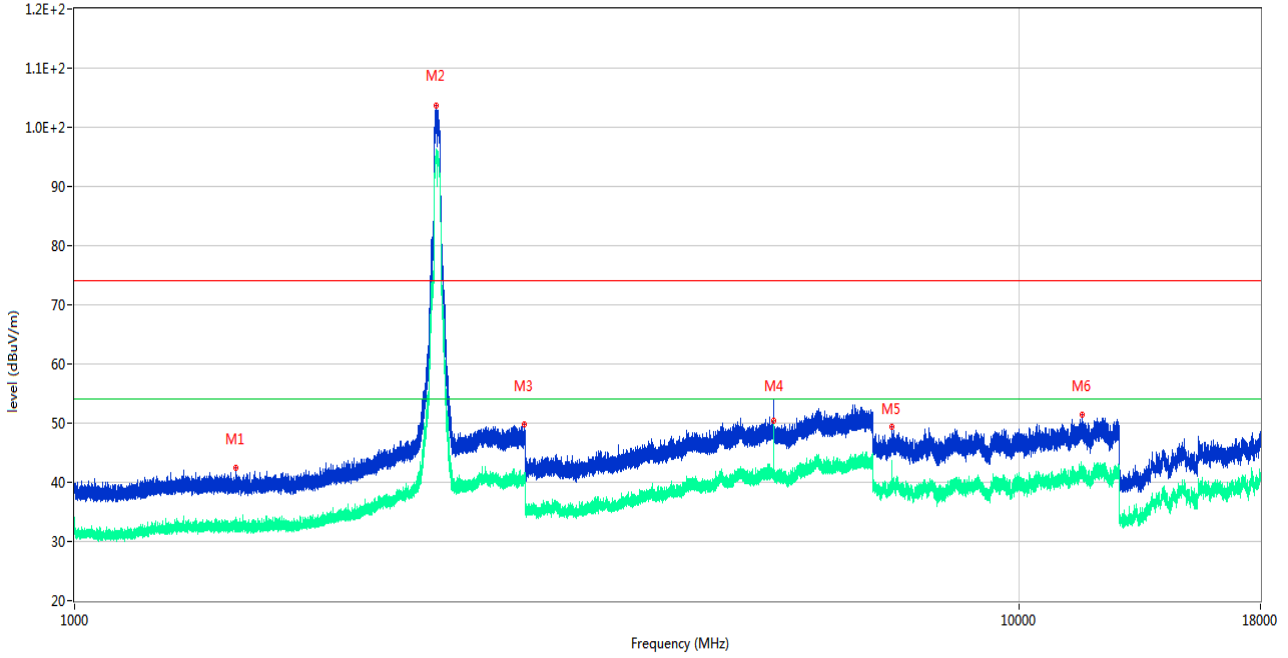
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1771.500	42.89	-17.51	74.0	-31.11	Peak	73.00	150	Vertical	Pass
1**	1771.500	32.92	-17.51	54.0	-21.08	AV	73.00	150	Vertical	Pass
2	2469.400	107.96	-13.65	74.0	33.96	Peak	140.00	150	Vertical	N/A
2**	2469.400	97.94	-13.65	54.0	43.94	AV	140.00	150	Vertical	N/A
3	2720.700	50.54	-10.73	74.0	-23.46	Peak	34.00	150	Vertical	Pass
3**	2720.700	40.59	-10.73	54.0	-13.41	AV	34.00	150	Vertical	Pass
4	5500.200	50.90	-3.15	74.0	-23.10	Peak	252.00	150	Vertical	Pass
4**	5500.200	46.48	-3.15	54.0	-7.52	AV	252.00	150	Vertical	Pass
5	7332.638	49.16	-4.82	74.0	-24.84	Peak	242.00	150	Vertical	Pass
5**	7332.638	40.21	-4.82	54.0	-13.79	AV	242.00	150	Vertical	Pass
6	12270.162	51.59	0.06	74.0	-22.41	Peak	13.00	150	Vertical	Pass
6**	12270.162	42.13	0.06	54.0	-11.87	AV	13.00	150	Vertical	Pass

1 GHz to 12.75 GHz, ANT H 802.11n40 Low Channel

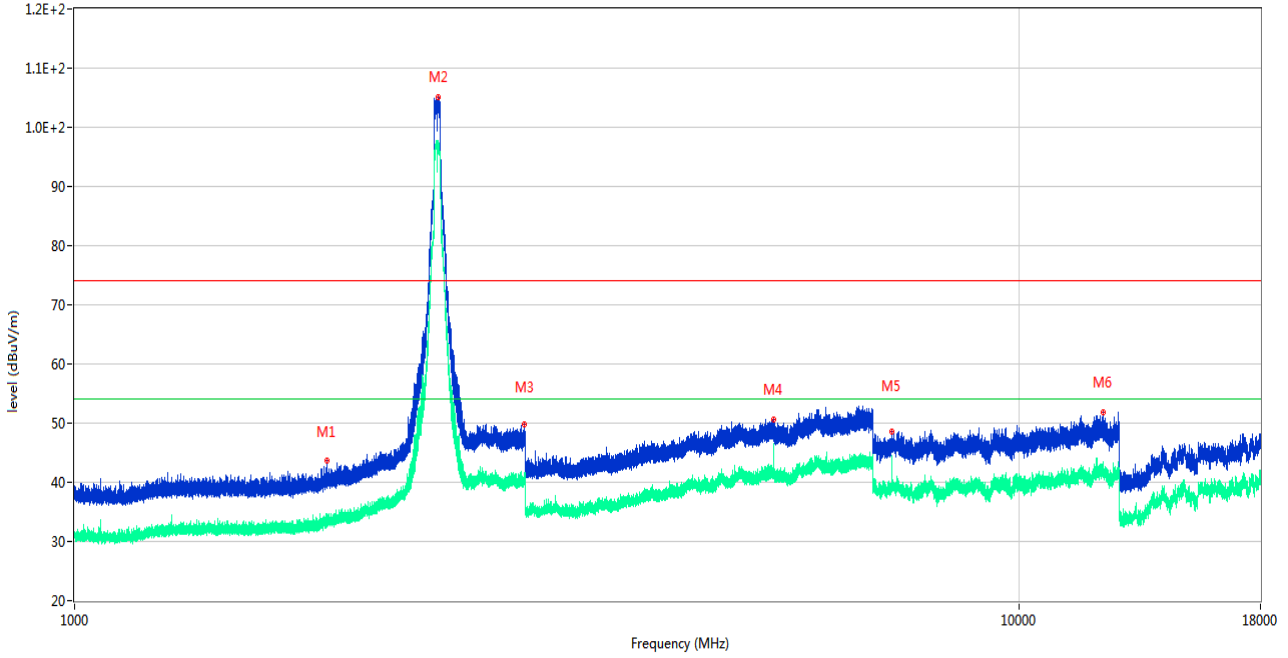
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1483.200	42.35	-17.86	74.0	-31.65	Peak	42.00	150	Horizontal	Pass
1**	1483.200	32.36	-17.86	54.0	-21.64	AV	42.00	150	Horizontal	Pass
2	2414.500	103.72	-13.52	74.0	29.72	Peak	242.00	150	Horizontal	N/A
2**	2414.500	95.21	-13.52	54.0	41.21	AV	242.00	150	Horizontal	N/A
3	2993.100	49.74	-11.04	74.0	-24.26	Peak	277.00	150	Horizontal	Pass
3**	2993.100	40.08	-11.04	54.0	-13.92	AV	277.00	150	Horizontal	Pass
4	5500.000	54.16	-3.14	74.0	-19.84	Peak	66.00	150	Horizontal	Pass
4**	5500.000	50.37	-3.14	54.0	-3.63	AV	66.00	150	Horizontal	Pass
5	7333.212	49.40	-4.80	74.0	-24.60	Peak	30.00	150	Horizontal	Pass
5**	7333.212	43.58	-4.80	54.0	-10.42	AV	30.00	150	Horizontal	Pass
6	11656.350	51.34	-0.42	74.0	-22.66	Peak	203.00	150	Horizontal	Pass
6**	11656.350	41.51	-0.42	54.0	-12.49	AV	203.00	150	Horizontal	Pass

1 GHz to 12.75 GHz, ANT V 802.11n40 Low Channel

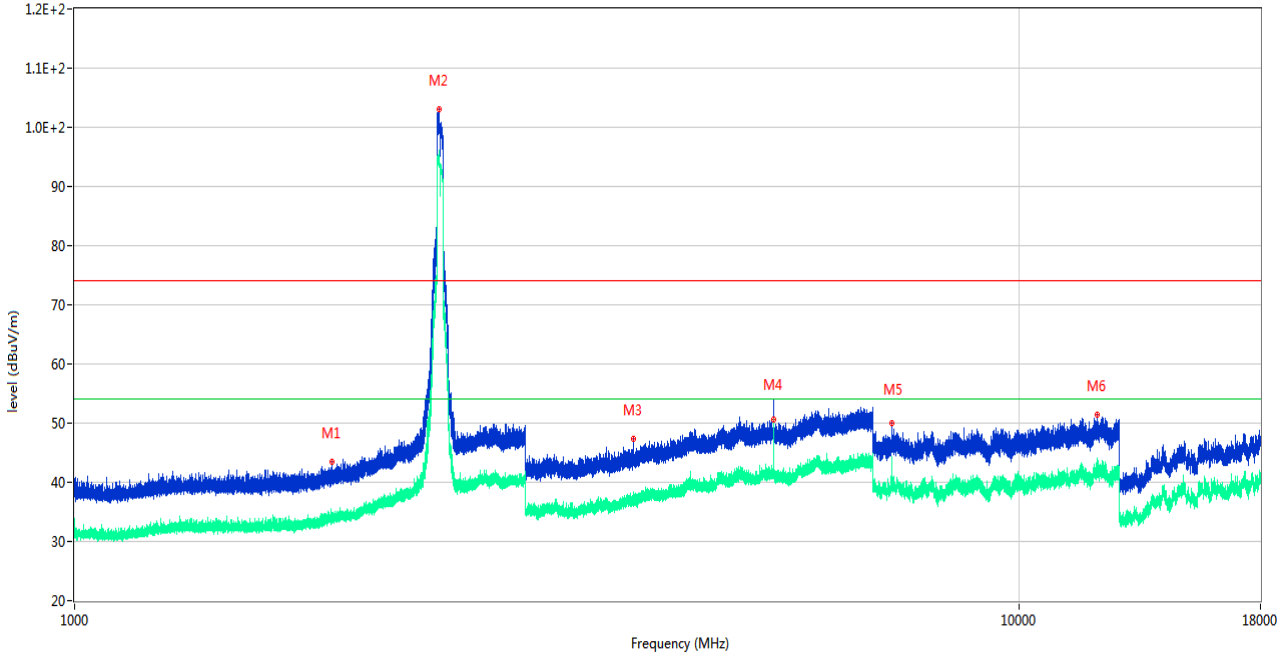
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1851.400	43.72	-16.83	74.0	-30.28	Peak	336.00	150	Vertical	Pass
1**	1851.400	32.82	-16.83	54.0	-21.18	AV	336.00	150	Vertical	Pass
2	2427.300	105.20	-13.60	74.0	31.20	Peak	138.00	150	Vertical	N/A
2**	2427.300	96.44	-13.60	54.0	42.44	AV	138.00	150	Vertical	N/A
3	2990.600	49.75	-11.07	74.0	-24.25	Peak	86.00	150	Vertical	Pass
3**	2990.600	39.76	-11.07	54.0	-14.24	AV	86.00	150	Vertical	Pass
4	5500.000	50.56	-3.14	74.0	-23.44	Peak	250.00	150	Vertical	Pass
4**	5500.000	46.49	-3.14	54.0	-7.51	AV	250.00	150	Vertical	Pass
5	7333.212	48.50	-4.80	74.0	-25.50	Peak	240.00	150	Vertical	Pass
5**	7333.212	43.54	-4.80	54.0	-10.46	AV	240.00	150	Vertical	Pass
6	12266.713	51.77	0.05	74.0	-22.23	Peak	65.00	150	Vertical	Pass
6**	12266.713	42.42	0.05	54.0	-11.58	AV	65.00	150	Vertical	Pass

1 GHz to 12.75 GHz, ANT H 802.11n40 Middle Channel

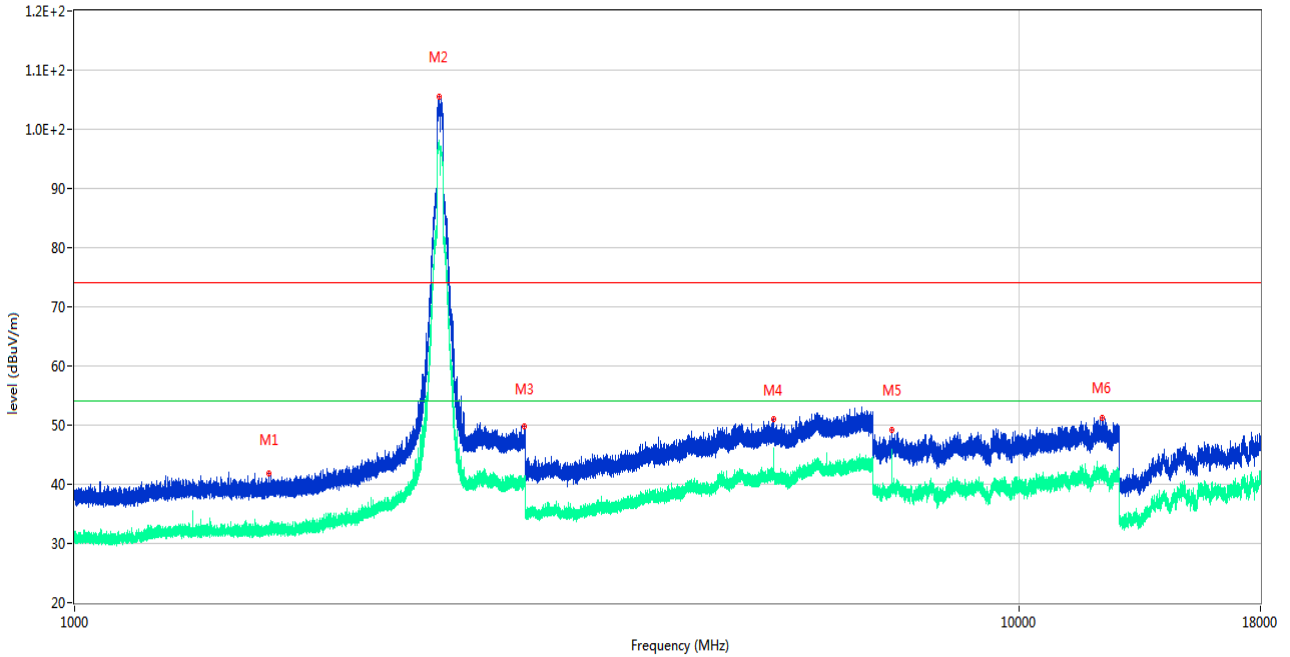
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1874.600	43.41	-16.72	74.0	-30.59	Peak	103.00	150	Horizontal	Pass
1**	1874.600	34.16	-16.72	54.0	-19.84	AV	103.00	150	Horizontal	Pass
2	2429.400	103.04	-13.57	74.0	29.04	Peak	246.00	150	Horizontal	N/A
2**	2429.400	93.87	-13.57	54.0	39.87	AV	246.00	150	Horizontal	N/A
3	3903.400	47.28	-7.44	74.0	-26.72	Peak	180.00	150	Horizontal	Pass
3**	3903.400	36.56	-7.44	54.0	-17.44	AV	180.00	150	Horizontal	Pass
4	5500.200	53.05	-3.15	74.0	-20.95	Peak	103.00	150	Horizontal	Pass
4**	5500.200	50.60	-3.15	54.0	-3.40	AV	103.00	150	Horizontal	Pass
5	7333.500	49.90	-4.80	74.0	-24.10	Peak	292.00	150	Horizontal	Pass
5**	7333.500	44.38	-4.80	54.0	-9.62	AV	292.00	150	Horizontal	Pass
6	12105.713	51.43	-0.92	74.0	-22.57	Peak	206.00	150	Horizontal	Pass
6**	12105.713	42.77	-0.92	54.0	-11.23	AV	206.00	150	Horizontal	Pass

1 GHz to 12.75 GHz, ANT V 802.11n40 Middle Channel

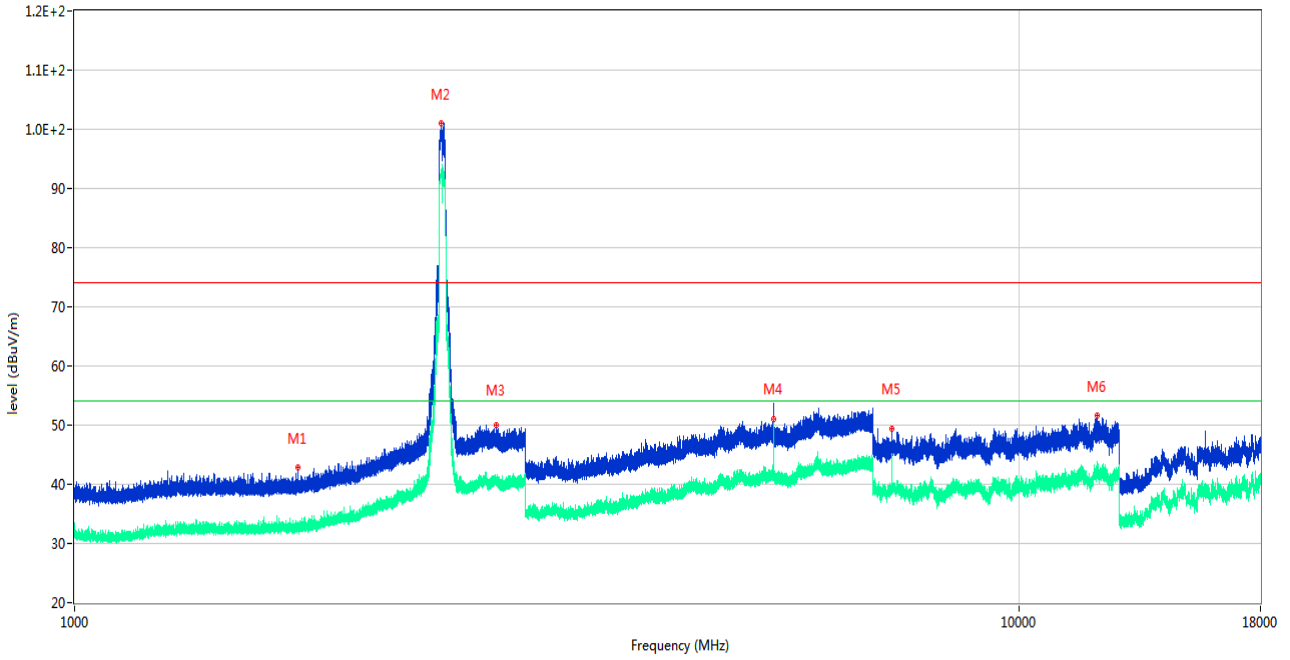
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1605.900	41.76	-18.06	74.0	-32.24	Peak	300.00	150	Vertical	Pass
1**	1605.900	31.92	-18.06	54.0	-22.08	AV	300.00	150	Vertical	Pass
2	2429.400	105.50	-13.57	74.0	31.50	Peak	123.00	150	Vertical	N/A
2**	2429.400	97.18	-13.57	54.0	43.18	AV	123.00	150	Vertical	N/A
3	2995.900	49.70	-10.89	74.0	-24.30	Peak	338.00	150	Vertical	Pass
3**	2995.900	41.17	-10.89	54.0	-12.83	AV	338.00	150	Vertical	Pass
4	5499.800	50.97	-3.13	74.0	-23.03	Peak	236.00	150	Vertical	Pass
4**	5499.800	44.95	-3.13	54.0	-9.05	AV	236.00	150	Vertical	Pass
5	7333.212	49.28	-4.80	74.0	-24.72	Peak	242.00	150	Vertical	Pass
5**	7333.212	43.69	-4.80	54.0	-10.31	AV	242.00	150	Vertical	Pass
6	12244.575	51.18	-0.22	74.0	-22.82	Peak	260.00	150	Vertical	Pass
6**	12244.575	42.12	-0.22	54.0	-11.88	AV	260.00	150	Vertical	Pass

1 GHz to 12.75 GHz, ANT H 802.11n40 High Channel

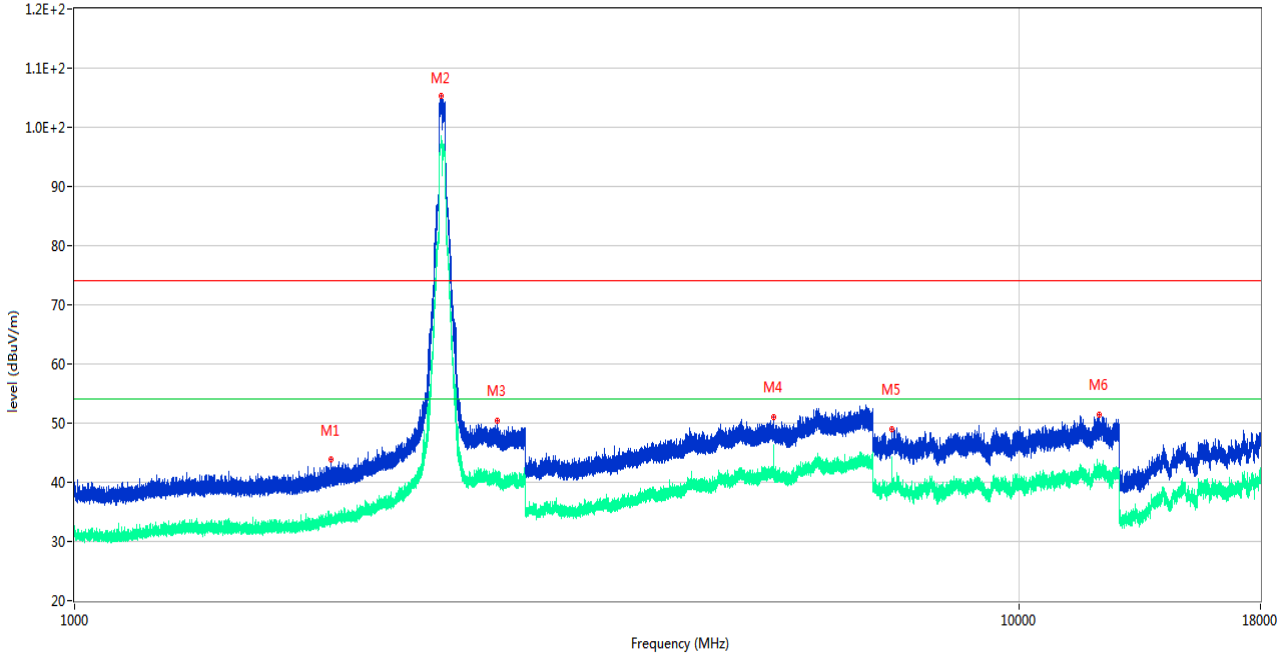
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1723.700	42.78	-17.73	74.0	-31.22	Peak	55.00	150	Horizontal	Pass
1**	1723.700	32.78	-17.73	54.0	-21.22	AV	55.00	150	Horizontal	Pass
2	2444.700	101.04	-13.34	74.0	27.04	Peak	351.00	150	Horizontal	N/A
2**	2444.700	92.61	-13.34	54.0	38.61	AV	351.00	150	Horizontal	N/A
3	2792.000	49.95	-11.10	74.0	-24.05	Peak	69.00	150	Horizontal	Pass
3**	2792.000	40.33	-11.10	54.0	-13.67	AV	69.00	150	Horizontal	Pass
4	5500.200	53.62	-3.15	74.0	-20.38	Peak	75.00	150	Horizontal	Pass
4**	5500.200	50.97	-3.15	54.0	-3.03	AV	75.00	150	Horizontal	Pass
5	7333.212	49.48	-4.80	74.0	-24.52	Peak	32.00	150	Horizontal	Pass
5**	7333.212	44.27	-4.80	54.0	-9.73	AV	32.00	150	Horizontal	Pass
6	12103.125	51.55	-0.97	74.0	-22.45	Peak	360.00	150	Horizontal	Pass
6**	12103.125	42.43	-0.97	54.0	-11.57	AV	360.00	150	Horizontal	Pass

1 GHz to 12.75 GHz, ANT V 802.11n40 High Channel

RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz

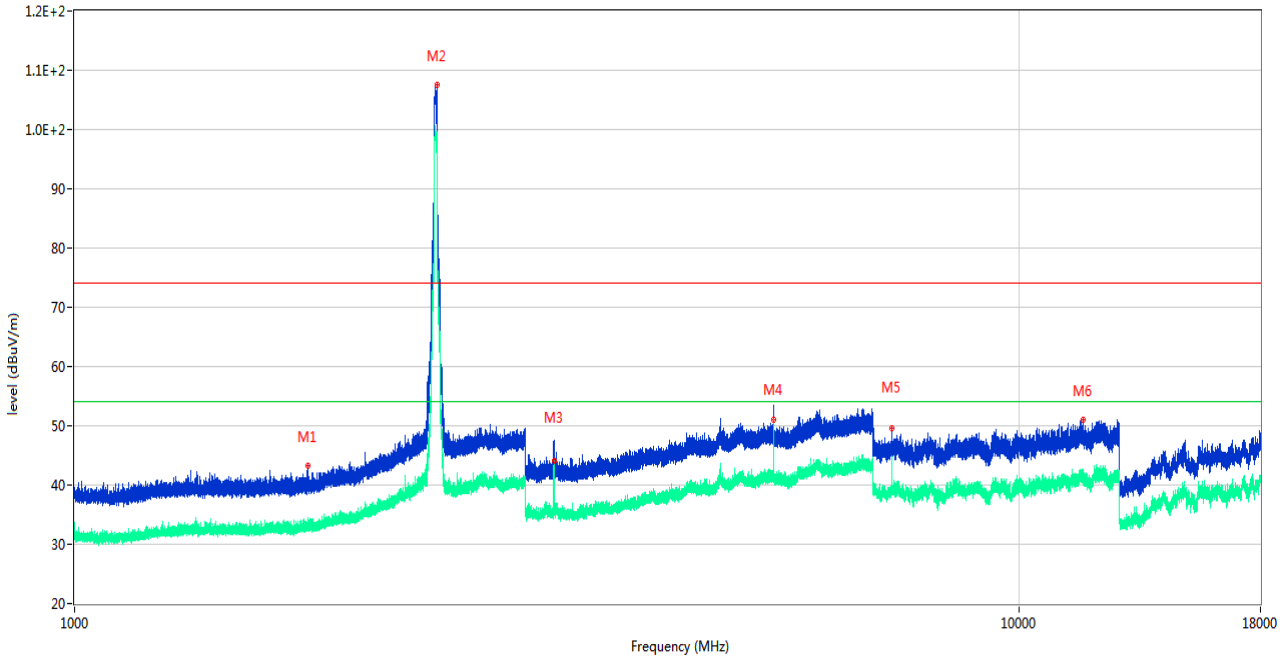


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1866.800	43.84	-16.76	74.0	-30.16	Peak	256.00	150	Vertical	Pass
1**	1866.800	33.45	-16.76	54.0	-20.55	AV	256.00	150	Vertical	Pass
2	2441.000	105.21	-13.43	74.0	31.21	Peak	112.00	150	Vertical	N/A
2**	2441.000	97.73	-13.43	54.0	43.73	AV	112.00	150	Vertical	N/A
3	2801.700	50.49	-11.43	74.0	-23.51	Peak	169.00	150	Vertical	Pass
3**	2801.700	39.61	-11.43	54.0	-14.39	AV	169.00	150	Vertical	Pass
4	5500.000	50.94	-3.14	74.0	-23.06	Peak	15.00	150	Vertical	Pass
4**	5500.000	46.37	-3.14	54.0	-7.63	AV	15.00	150	Vertical	Pass
5	7333.500	49.01	-4.80	74.0	-24.99	Peak	50.00	150	Vertical	Pass
5**	7333.500	43.73	-4.80	54.0	-10.27	AV	50.00	150	Vertical	Pass
6	12163.213	51.39	-0.90	74.0	-22.61	Peak	50.00	150	Vertical	Pass
6**	12163.213	41.59	-0.90	54.0	-12.41	AV	50.00	150	Vertical	Pass

MIMO

1 GHz to 12.75 GHz, ANT H 802.11n20 Low Channel

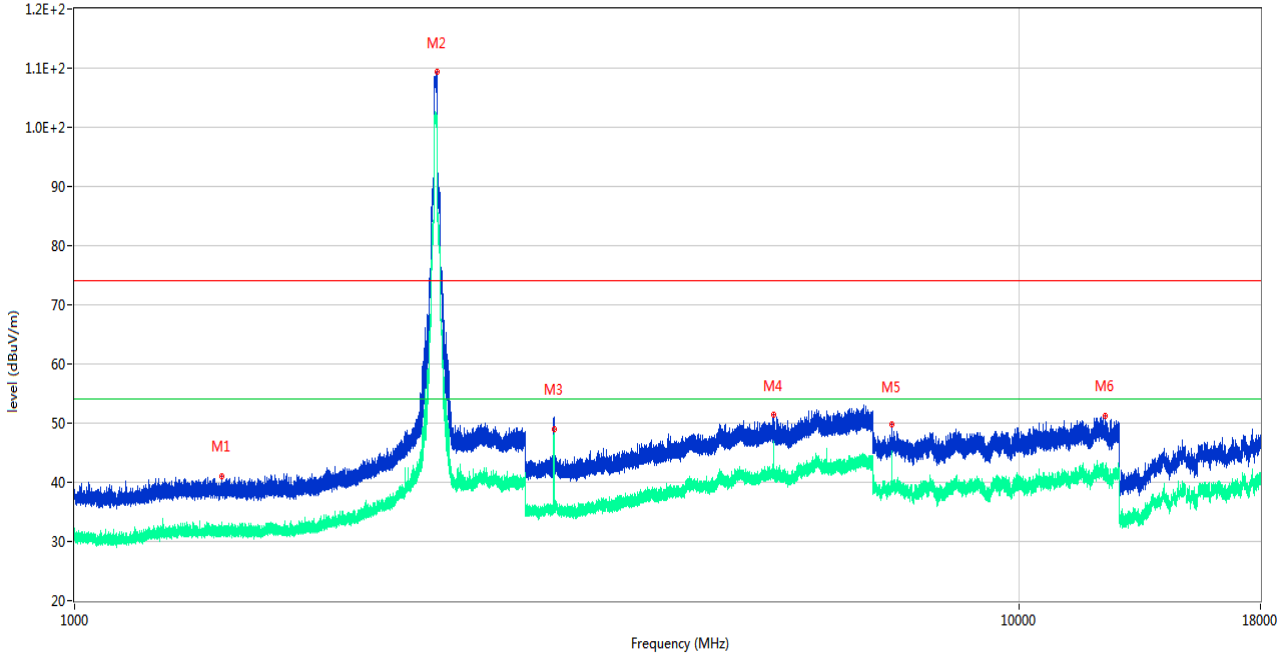
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1765.300	43.37	-17.54	74.0	-30.63	Peak	0.00	150	Horizontal	Pass
1**	1765.300	33.51	-17.54	54.0	-20.49	AV	0.00	150	Horizontal	Pass
2	2419.400	107.54	-13.60	74.0	33.54	Peak	96.00	150	Horizontal	N/A
2**	2419.400	98.03	-13.60	54.0	44.03	AV	96.00	150	Horizontal	N/A
3	3216.000	46.35	-8.51	74.0	-27.65	Peak	278.00	150	Horizontal	Pass
3**	3216.000	44.17	-8.51	54.0	-9.83	AV	278.00	150	Horizontal	Pass
4	5500.200	52.59	-3.15	74.0	-21.41	Peak	74.00	150	Horizontal	Pass
4**	5500.200	51.05	-3.15	54.0	-2.95	AV	74.00	150	Horizontal	Pass
5	7333.212	49.54	-4.80	74.0	-24.46	Peak	309.00	150	Horizontal	Pass
5**	7333.212	43.21	-4.80	54.0	-10.79	AV	309.00	150	Horizontal	Pass
6	11675.900	51.11	-0.86	74.0	-22.89	Peak	346.00	150	Horizontal	Pass
6**	11675.900	41.58	-0.86	54.0	-12.42	AV	346.00	150	Horizontal	Pass

1 GHz to 12.75 GHz, ANT V 802.11n20 Low Channel

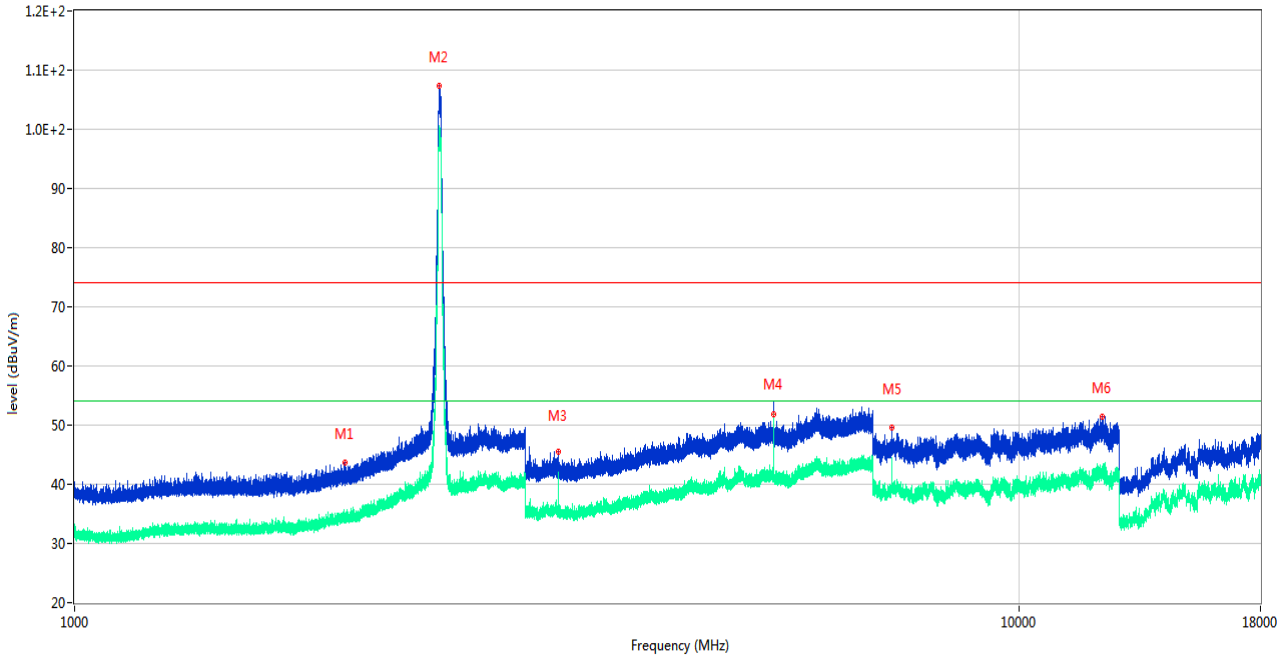
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1433.300	40.94	-17.80	74.0	-33.06	Peak	213.00	150	Vertical	Pass
1**	1433.300	31.47	-17.80	54.0	-22.53	AV	213.00	150	Vertical	Pass
2	2419.500	109.42	-13.60	74.0	35.42	Peak	228.00	150	Vertical	N/A
2**	2419.500	100.73	-13.60	54.0	46.73	AV	228.00	150	Vertical	N/A
3	3216.200	50.56	-8.48	74.0	-23.44	Peak	19.00	150	Vertical	Pass
3**	3216.200	49.04	-8.48	54.0	-4.96	AV	19.00	150	Vertical	Pass
4	5500.200	51.38	-3.15	74.0	-22.62	Peak	360.00	150	Vertical	Pass
4**	5500.200	47.03	-3.15	54.0	-6.97	AV	360.00	150	Vertical	Pass
5	7333.212	49.75	-4.80	74.0	-24.25	Peak	254.00	150	Vertical	Pass
5**	7333.212	44.20	-4.80	54.0	-9.80	AV	254.00	150	Vertical	Pass
6	12330.537	51.32	-0.69	74.0	-22.68	Peak	185.00	150	Vertical	Pass
6**	12330.537	41.43	-0.69	54.0	-12.57	AV	185.00	150	Vertical	Pass

1 GHz to 12.75 GHz, ANT H 802.11n20 Middle Channel

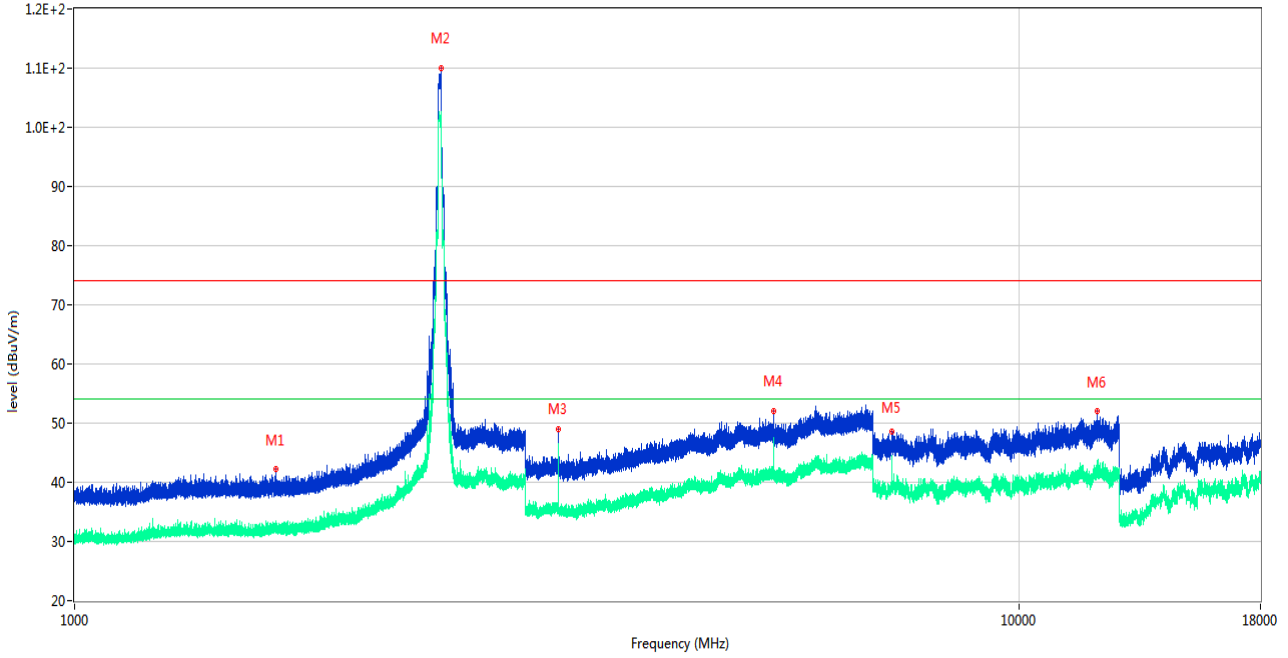
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1934.200	43.65	-16.50	74.0	-30.35	Peak	134.00	150	Horizontal	Pass
1**	1934.200	34.85	-16.50	54.0	-19.15	AV	134.00	150	Horizontal	Pass
2	2433.100	107.30	-13.51	74.0	33.30	Peak	347.00	150	Horizontal	N/A
2**	2433.100	100.33	-13.51	54.0	46.33	AV	347.00	150	Horizontal	Fail
3	3249.400	45.50	-8.70	74.0	-28.50	Peak	289.00	150	Horizontal	Pass
3**	3249.400	42.07	-8.70	54.0	-11.93	AV	289.00	150	Horizontal	Pass
4	5500.200	54.02	-3.15	74.0	-19.98	Peak	55.00	150	Horizontal	Pass
4**	5500.200	51.78	-3.15	54.0	-2.22	AV	55.00	150	Horizontal	Pass
5	7333.500	49.63	-4.80	74.0	-24.37	Peak	167.00	150	Horizontal	Pass
5**	7333.500	43.33	-4.80	54.0	-10.67	AV	167.00	150	Horizontal	Pass
6	12247.162	51.37	-0.16	74.0	-22.63	Peak	359.00	150	Horizontal	Pass
6**	12247.162	42.28	-0.16	54.0	-11.72	AV	359.00	150	Horizontal	Pass

1 GHz to 12.75 GHz, ANT V 802.11n20 Middle Channel

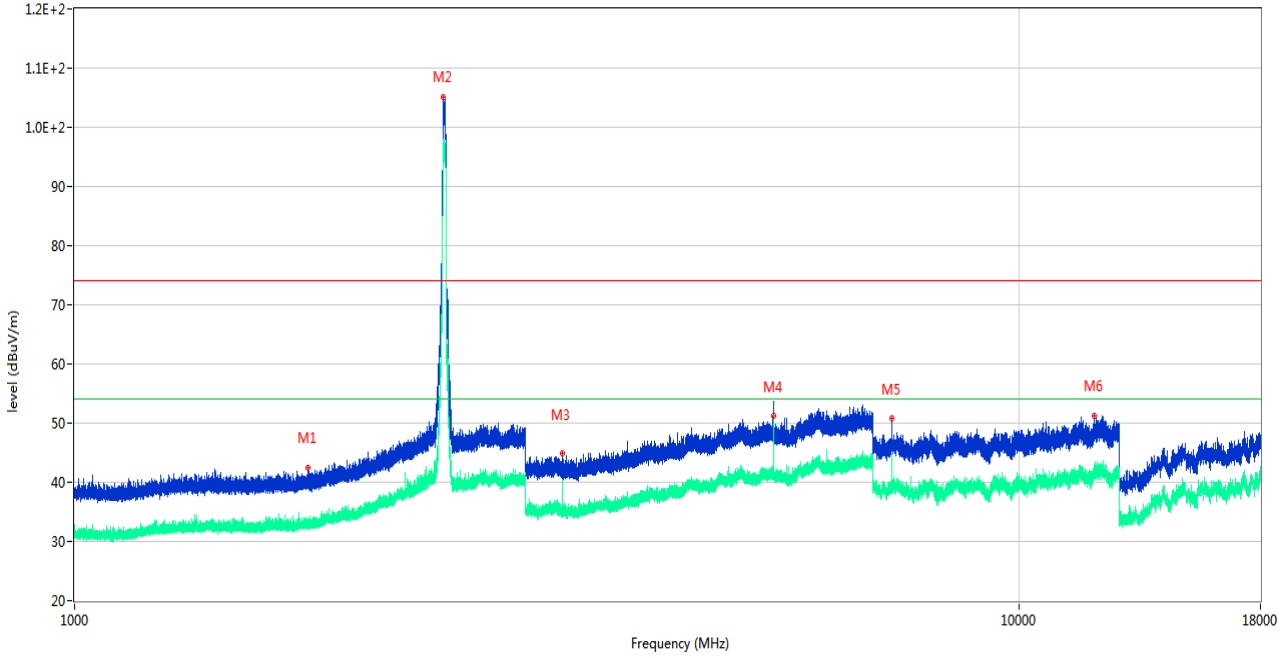
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1631.900	42.24	-17.96	74.0	-31.76	Peak	317.00	150	Vertical	Pass
1**	1631.900	31.63	-17.96	54.0	-22.37	AV	317.00	150	Vertical	Pass
2	2444.300	110.08	-13.31	74.0	36.08	Peak	209.00	150	Vertical	N/A
2**	2444.300	101.40	-13.31	54.0	47.40	AV	209.00	150	Vertical	N/A
3	3249.400	48.91	-8.70	74.0	-25.09	Peak	181.00	150	Vertical	Pass
3**	3249.400	46.11	-8.70	54.0	-7.89	AV	181.00	150	Vertical	Pass
4	5500.000	52.08	-3.14	74.0	-21.92	Peak	241.00	150	Vertical	Pass
4**	5500.000	46.79	-3.14	54.0	-7.21	AV	241.00	150	Vertical	Pass
5	7333.212	48.58	-4.80	74.0	-25.42	Peak	245.00	150	Vertical	Pass
5**	7333.212	44.08	-4.80	54.0	-9.92	AV	245.00	150	Vertical	Pass
6	12076.675	51.99	-1.36	74.0	-22.01	Peak	194.00	150	Vertical	Pass
6**	12076.675	41.58	-1.36	54.0	-12.42	AV	194.00	150	Vertical	Pass

1 GHz to 12.75 GHz, ANT H 802.11n20 High Channel

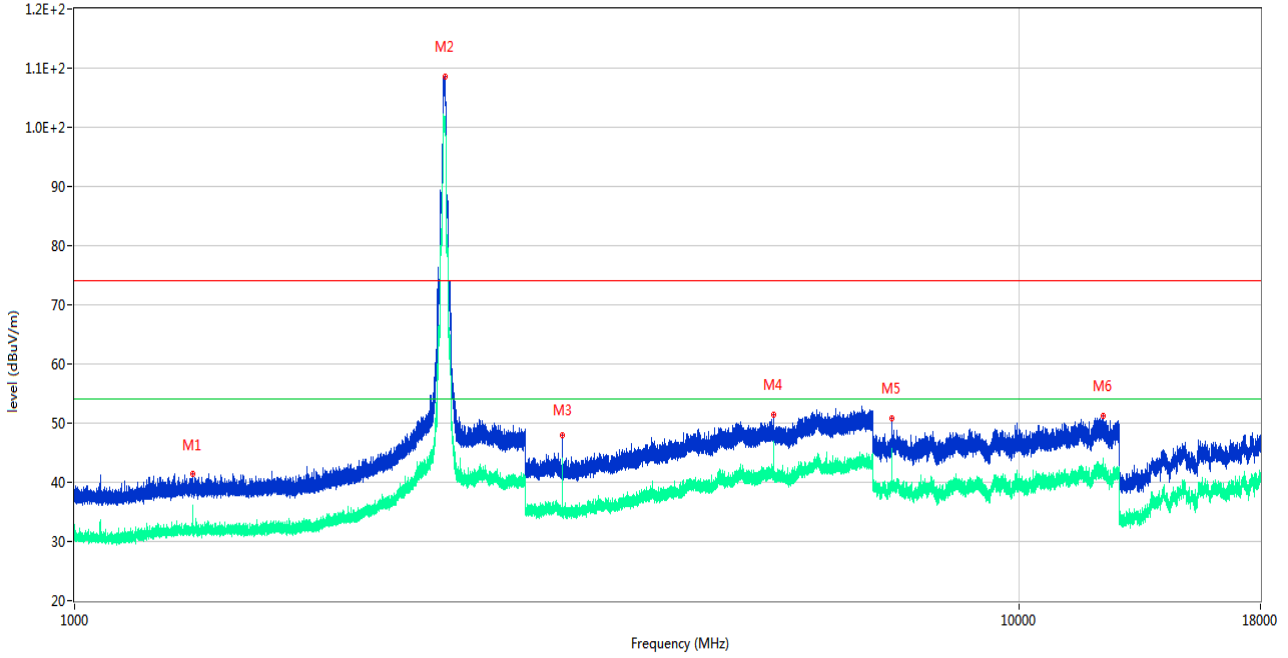
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1767.600	42.40	-17.50	74.0	-31.60	Peak	74.00	150	Horizontal	Pass
1**	1767.600	32.27	-17.50	54.0	-21.73	AV	74.00	150	Horizontal	Pass
2	2458.400	105.10	-13.91	74.0	31.10	Peak	344.00	150	Horizontal	N/A
2**	2458.400	97.30	-13.91	54.0	43.30	AV	344.00	150	Horizontal	N/A
3	3282.600	44.87	-9.14	74.0	-29.13	Peak	279.00	150	Horizontal	Pass
3**	3282.600	39.02	-9.14	54.0	-14.98	AV	279.00	150	Horizontal	Pass
4	5500.200	53.54	-3.15	74.0	-20.46	Peak	70.00	150	Horizontal	Pass
4**	5500.200	51.27	-3.15	54.0	-2.73	AV	70.00	150	Horizontal	Pass
5	7332.925	50.78	-4.81	74.0	-23.22	Peak	48.00	150	Horizontal	Pass
5**	7332.925	41.57	-4.81	54.0	-12.43	AV	48.00	150	Horizontal	Pass
6	12012.562	51.20	-1.23	74.0	-22.80	Peak	83.00	150	Horizontal	Pass
6**	12012.562	41.58	-1.23	54.0	-12.42	AV	83.00	150	Horizontal	Pass

1 GHz to 12.75 GHz, ANT V 802.11n20 High Channel

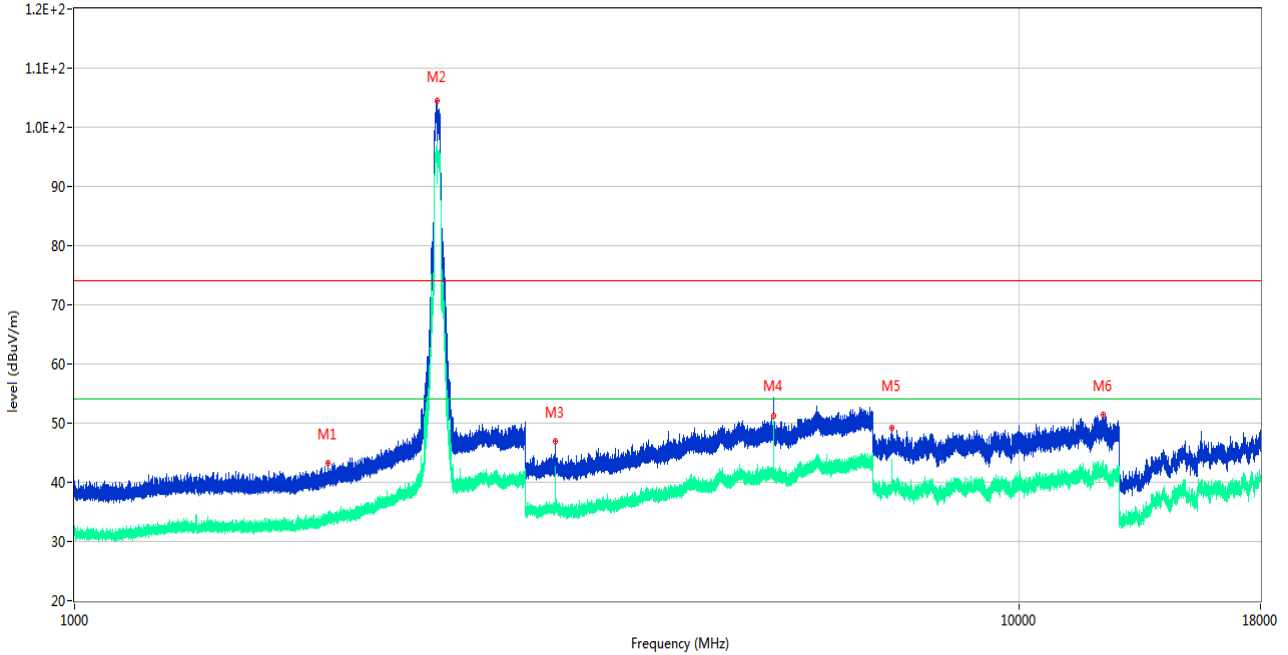
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.300	41.35	-17.94	74.0	-32.65	Peak	114.00	150	Vertical	Pass
1**	1332.300	31.53	-17.94	54.0	-22.47	AV	114.00	150	Vertical	Pass
2	2469.300	108.65	-13.66	74.0	34.65	Peak	157.00	150	Vertical	N/A
2**	2469.300	99.91	-13.66	54.0	45.91	AV	157.00	150	Vertical	N/A
3	3282.800	48.00	-9.14	74.0	-26.00	Peak	181.00	150	Vertical	Pass
3**	3282.800	43.98	-9.14	54.0	-10.02	AV	181.00	150	Vertical	Pass
4	5496.600	51.50	-3.03	74.0	-22.50	Peak	5.00	150	Vertical	Pass
4**	5496.600	41.33	-3.03	54.0	-12.67	AV	5.00	150	Vertical	Pass
5	7333.212	50.85	-4.80	74.0	-23.15	Peak	253.00	150	Vertical	Pass
5**	7333.212	43.88	-4.80	54.0	-10.12	AV	253.00	150	Vertical	Pass
6	12270.737	51.19	0.07	74.0	-22.81	Peak	81.00	150	Vertical	Pass
6**	12270.737	41.83	0.07	54.0	-12.17	AV	81.00	150	Vertical	Pass

1 GHz to 12.75 GHz, ANT H 802.11n40 Low Channel

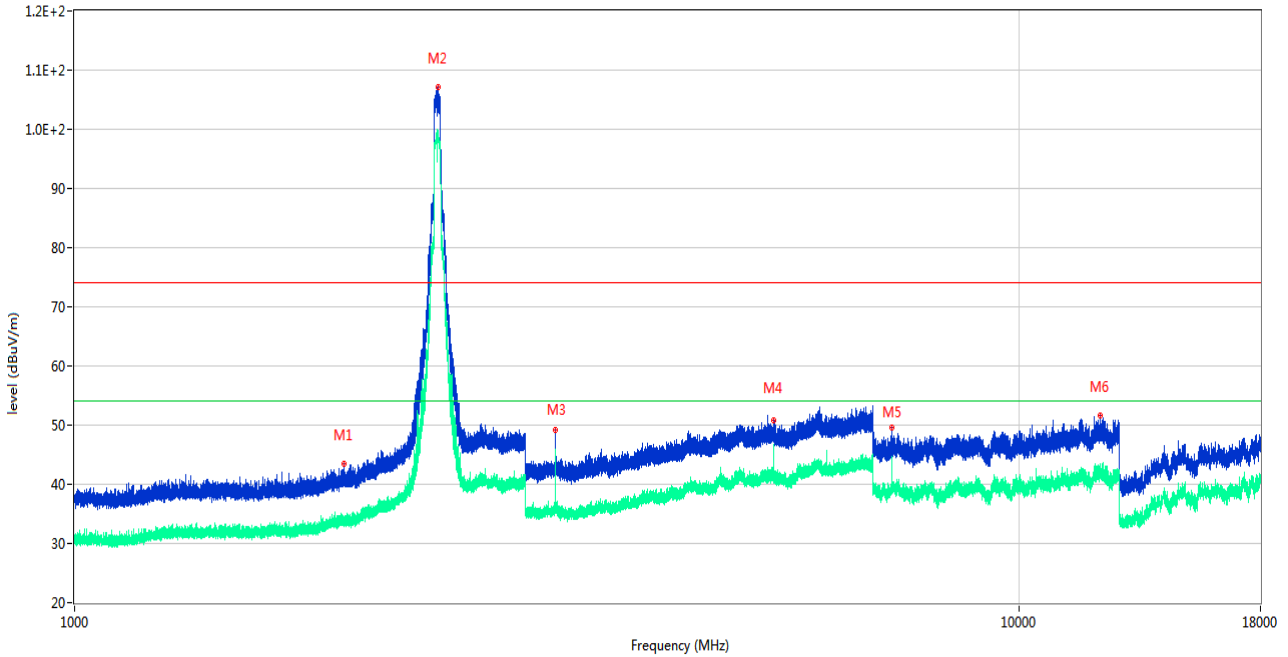
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1854.600	43.23	-16.82	74.0	-30.77	Peak	207.00	150	Horizontal	Pass
1**	1854.600	33.70	-16.82	54.0	-20.30	AV	207.00	150	Horizontal	Pass
2	2418.500	104.42	-13.53	74.0	30.42	Peak	344.00	150	Horizontal	N/A
2**	2418.500	97.06	-13.53	54.0	43.06	AV	344.00	150	Horizontal	N/A
3	3229.200	46.92	-7.51	74.0	-27.08	Peak	265.00	150	Horizontal	Pass
3**	3229.200	42.22	-7.51	54.0	-11.78	AV	265.00	150	Horizontal	Pass
4	5500.200	53.25	-3.15	74.0	-20.75	Peak	76.00	150	Horizontal	Pass
4**	5500.200	51.26	-3.15	54.0	-2.74	AV	76.00	150	Horizontal	Pass
5	7333.212	49.27	-4.80	74.0	-24.73	Peak	31.00	150	Horizontal	Pass
5**	7333.212	43.26	-4.80	54.0	-10.74	AV	31.00	150	Horizontal	Pass
6	12271.313	51.39	0.07	74.0	-22.61	Peak	102.00	150	Horizontal	Pass
6**	12271.313	41.77	0.07	54.0	-12.23	AV	102.00	150	Horizontal	Pass

1 GHz to 12.75 GHz, ANT V 802.11n40 Low Channel

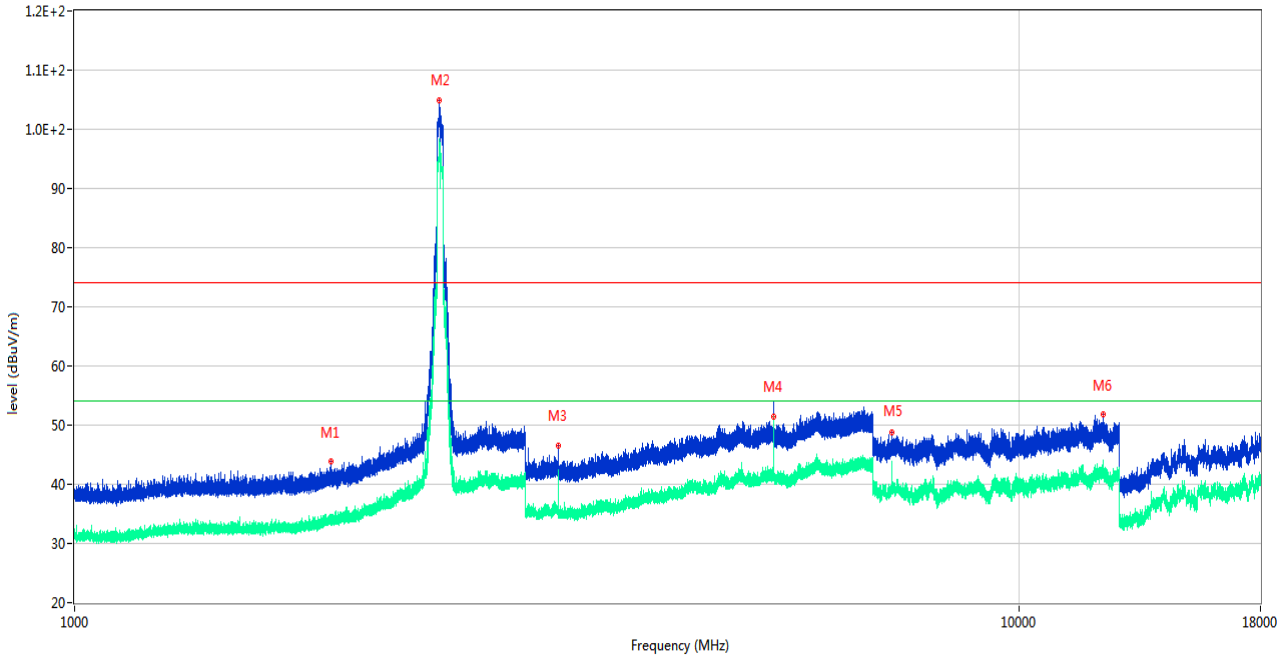
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1929.300	43.53	-16.60	74.0	-30.47	Peak	10.00	150	Vertical	Pass
1**	1929.300	33.07	-16.60	54.0	-20.93	AV	10.00	150	Vertical	Pass
2	2424.000	107.06	-13.71	74.0	33.06	Peak	133.00	150	Vertical	N/A
2**	2424.000	99.64	-13.71	54.0	45.64	AV	133.00	150	Vertical	N/A
3	3229.400	49.22	-7.52	74.0	-24.78	Peak	191.00	150	Vertical	Pass
3**	3229.400	45.36	-7.52	54.0	-8.64	AV	191.00	150	Vertical	Pass
4	5499.800	50.83	-3.13	74.0	-23.17	Peak	351.00	150	Vertical	Pass
4**	5499.800	45.32	-3.13	54.0	-8.68	AV	351.00	150	Vertical	Pass
5	7333.212	49.55	-4.80	74.0	-24.45	Peak	259.00	150	Vertical	Pass
5**	7333.212	44.39	-4.80	54.0	-9.61	AV	259.00	150	Vertical	Pass
6	12177.299	51.55	-0.97	74.0	-22.45	Peak	136.00	150	Vertical	Pass
6**	12177.299	42.56	-0.97	54.0	-11.44	AV	136.00	150	Vertical	Pass

1 GHz to 12.75 GHz, ANT H 802.11n40 Middle Channel

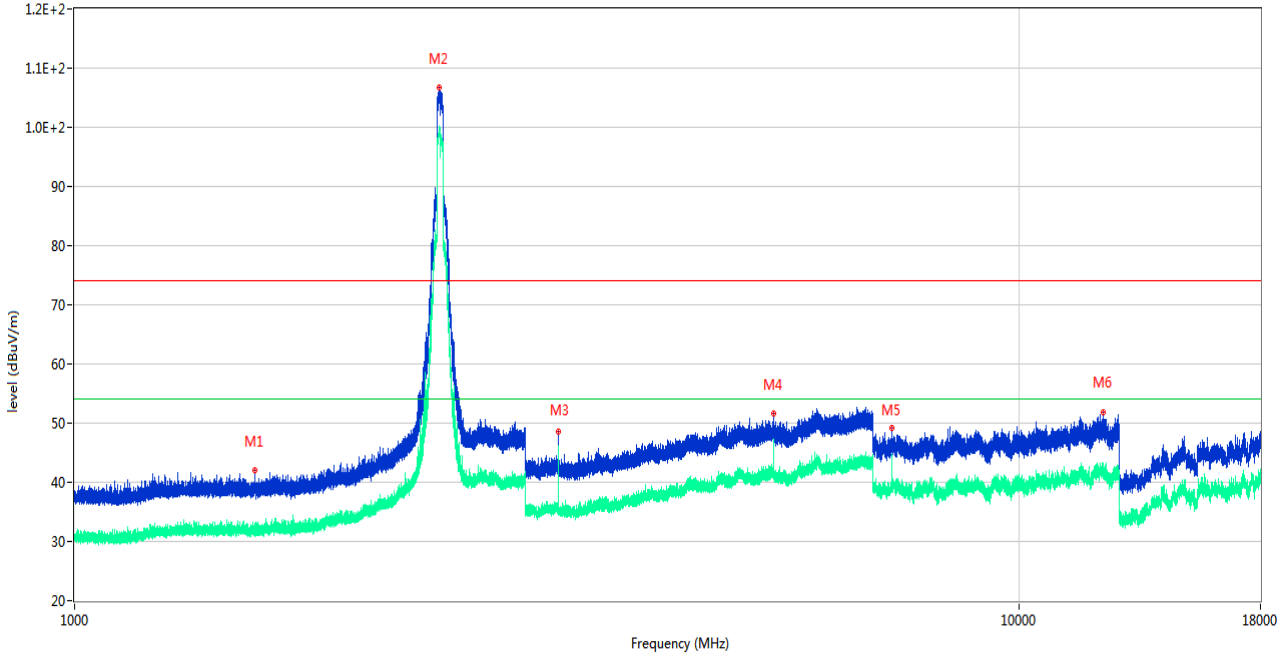
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1869.200	43.82	-16.73	74.0	-30.18	Peak	88.00	150	Horizontal	Pass
1**	1869.200	33.62	-16.73	54.0	-20.38	AV	88.00	150	Horizontal	Pass
2	2433.000	104.86	-13.52	74.0	30.86	Peak	348.00	150	Horizontal	N/A
2**	2433.000	97.60	-13.52	54.0	43.60	AV	348.00	150	Horizontal	N/A
3	3249.600	46.58	-8.70	74.0	-27.42	Peak	273.00	150	Horizontal	Pass
3**	3249.600	41.47	-8.70	54.0	-12.53	AV	273.00	150	Horizontal	Pass
4	5500.200	53.33	-3.15	74.0	-20.67	Peak	68.00	150	Horizontal	Pass
4**	5500.200	51.44	-3.15	54.0	-2.56	AV	68.00	150	Horizontal	Pass
5	7333.212	48.71	-4.80	74.0	-25.29	Peak	164.00	150	Horizontal	Pass
5**	7333.212	43.88	-4.80	54.0	-10.12	AV	164.00	150	Horizontal	Pass
6	12270.737	51.85	0.07	74.0	-22.15	Peak	107.00	150	Horizontal	Pass
6**	12270.737	43.15	0.07	54.0	-10.85	AV	107.00	150	Horizontal	Pass

1 GHz to 12.75 GHz, ANT V 802.11n40 Middle Channel

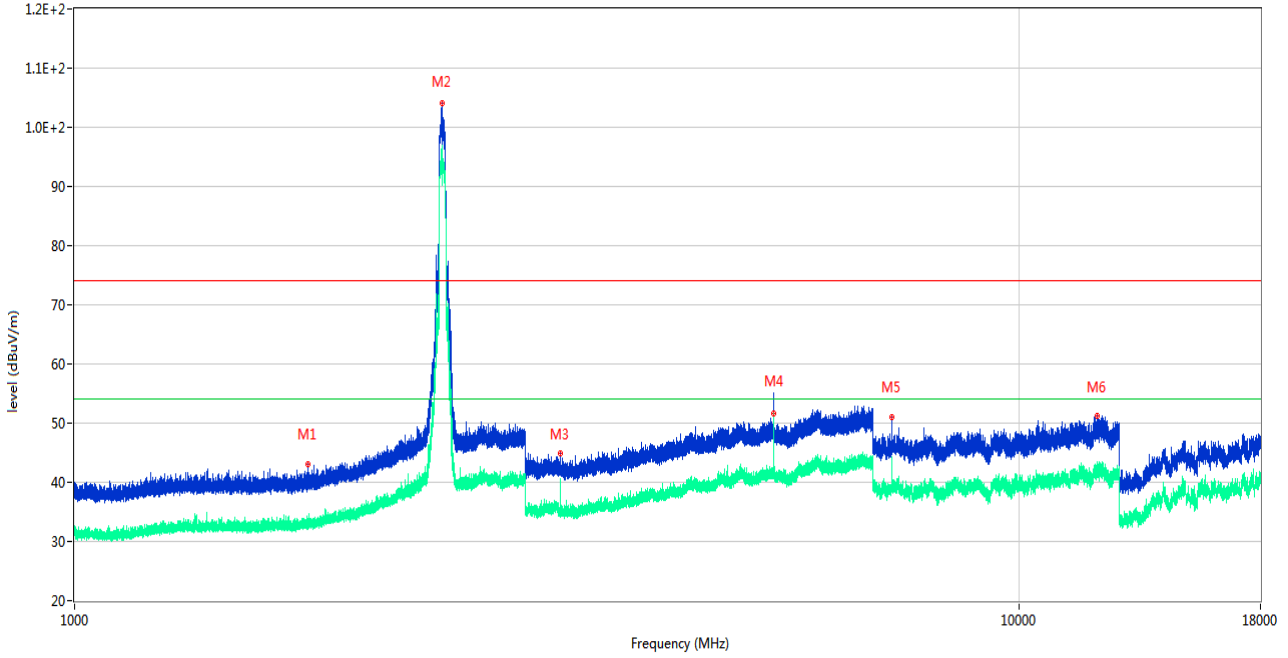
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1551.800	42.00	-17.95	74.0	-32.00	Peak	98.00	150	Vertical	Pass
1**	1551.800	30.85	-17.95	54.0	-23.15	AV	98.00	150	Vertical	Pass
2	2433.000	106.81	-13.52	74.0	32.81	Peak	291.00	150	Vertical	N/A
2**	2433.000	100.24	-13.52	54.0	46.24	AV	291.00	150	Vertical	N/A
3	3249.400	48.55	-8.70	74.0	-25.45	Peak	167.00	150	Vertical	Pass
3**	3249.400	46.03	-8.70	54.0	-7.97	AV	167.00	150	Vertical	Pass
4	5499.600	51.54	-3.12	74.0	-22.46	Peak	239.00	150	Vertical	Pass
4**	5499.600	43.44	-3.12	54.0	-10.56	AV	239.00	150	Vertical	Pass
5	7333.500	49.12	-4.80	74.0	-24.88	Peak	264.00	150	Vertical	Pass
5**	7333.500	44.65	-4.80	54.0	-9.35	AV	264.00	150	Vertical	Pass
6	12263.838	51.93	0.05	74.0	-22.07	Peak	176.00	150	Vertical	Pass
6**	12263.838	42.14	0.05	54.0	-11.86	AV	176.00	150	Vertical	Pass

1 GHz to 12.75 GHz, ANT H 802.11n40 High Channel

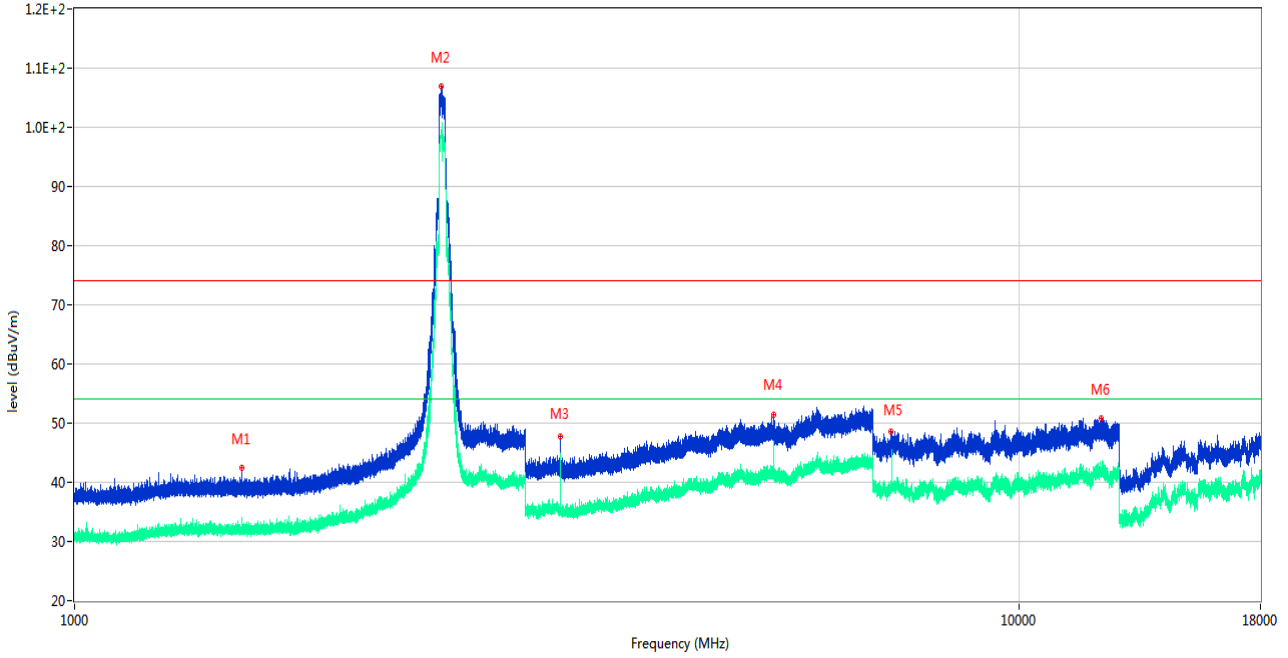
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1765.600	43.13	-17.54	74.0	-30.87	Peak	216.00	150	Horizontal	Pass
1**	1765.600	32.49	-17.54	54.0	-21.51	AV	216.00	150	Horizontal	Pass
2	2449.300	104.04	-13.55	74.0	30.04	Peak	343.00	150	Horizontal	N/A
2**	2449.300	96.17	-13.55	54.0	42.17	AV	343.00	150	Horizontal	N/A
3	3269.200	44.81	-9.05	74.0	-29.19	Peak	268.00	150	Horizontal	Pass
3**	3269.200	40.13	-9.05	54.0	-13.87	AV	268.00	150	Horizontal	Pass
4	5500.200	54.34	-3.15	74.0	-19.66	Peak	60.00	150	Horizontal	Pass
4**	5500.200	51.56	-3.15	54.0	-2.44	AV	60.00	150	Horizontal	Pass
5	7333.212	51.09	-4.80	74.0	-22.91	Peak	302.00	150	Horizontal	Pass
5**	7333.212	44.33	-4.80	54.0	-9.67	AV	302.00	150	Horizontal	Pass
6	12099.387	51.13	-1.04	74.0	-22.87	Peak	195.00	150	Horizontal	Pass
6**	12099.387	42.13	-1.04	54.0	-11.87	AV	195.00	150	Horizontal	Pass

1 GHz to 12.75 GHz, ANT V 802.11n40 High Channel

RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1503.100	42.47	-18.03	74.0	-31.53	Peak	294.00	150	Vertical	Pass
1**	1503.100	31.90	-18.03	54.0	-22.10	AV	294.00	150	Vertical	Pass
2	2444.700	106.85	-13.34	74.0	32.85	Peak	306.00	150	Vertical	N/A
2**	2444.700	98.91	-13.34	54.0	44.91	AV	306.00	150	Vertical	N/A
3	3269.200	47.79	-9.05	74.0	-26.21	Peak	196.00	150	Vertical	Pass
3**	3269.200	43.45	-9.05	54.0	-10.55	AV	196.00	150	Vertical	Pass
4	5499.800	51.45	-3.13	74.0	-22.55	Peak	233.00	150	Vertical	Pass
4**	5499.800	46.29	-3.13	54.0	-7.71	AV	233.00	150	Vertical	Pass
5	7311.075	48.58	-5.13	74.0	-25.42	Peak	190.00	150	Vertical	Pass
5**	7311.075	38.66	-5.13	54.0	-15.34	AV	190.00	150	Vertical	Pass
6	12208.062	50.73	-0.55	74.0	-23.27	Peak	136.00	150	Vertical	Pass
6**	12208.062	41.33	-0.55	54.0	-12.67	AV	136.00	150	Vertical	Pass

A.7 Band Edge (Restricted-band band-edge)

Test Data

Note ¹: The lowest and highest channels are tested to verify the band edge emissions. Please refer to the following the plots for emissions values.

Note ²: The test data all are tested in the vertical and horizontal antenna which the trace is max hold. So these plots have shown the worst case.

Note ³: According the ANSI C63.10-2013, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

Main Antenna

Test Mode	Test Channel	Frequency (MHz)	Level (dBuV/m)	Factor (dB)	Limit Line (dBuV/m)	Margin (dB)	Remark	Verdict
802.11b	Low	2390	58.113	32.61	74	15.887	PEAK	Pass
		2390	49.921	32.61	54	4.079	AVERAGE	Pass
	HIGH	2483.5	57.283	32.54	74	16.717	PEAK	Pass
		2483.5	49.179	32.54	54	4.821	AVERAGE	Pass
802.11g	Low	2390	63.587	32.61	74	10.413	PEAK	Pass
		2390	50.788	32.61	54	3.212	AVERAGE	Pass
	HIGH	2483.5	63.862	32.54	74	10.138	PEAK	Pass
		2483.5	50.541	32.54	54	3.459	AVERAGE	Pass
802.11n20	Low	2390	64.971	32.61	74	9.029	PEAK	Pass
		2390	50.607	32.61	54	3.393	AVERAGE	Pass
	HIGH	2483.5	63.954	32.54	74	10.046	PEAK	Pass
		2483.5	50.753	32.54	54	3.247	AVERAGE	Pass
802.11n40	Low	2390	62.694	32.61	74	11.306	PEAK	Pass
		2390	50.042	32.61	54	3.958	AVERAGE	Pass
	HIGH	2483.5	61.572	32.54	74	12.428	PEAK	Pass
		2483.5	50.743	32.54	54	3.257	AVERAGE	Pass

Aux. Antenna

Test Mode	Test Channel	Frequency (MHz)	Level (dBuV/m)	Factor (dB)	Limit Line (dBuV/m)	Margin (dB)	Remark	Verdict
802.11b	Low	2390	58.579	32.61	74	15.421	PEAK	Pass
		2390	49.881	32.61	54	4.119	AVERAGE	Pass
	HIGH	2483.5	57.096	32.54	74	16.904	PEAK	Pass
		2483.5	48.014	32.54	54	5.986	AVERAGE	Pass
802.11g	Low	2390	62.881	32.61	74	11.119	PEAK	Pass
		2390	50.299	32.61	54	3.701	AVERAGE	Pass
	HIGH	2483.5	63.464	32.54	74	10.536	PEAK	Pass
		2483.5	49.926	32.54	54	4.074	AVERAGE	Pass
802.11n20	Low	2390	64.172	32.61	74	9.828	PEAK	Pass
		2390	50.355	32.61	54	3.645	AVERAGE	Pass
	HIGH	2483.5	62.432	32.54	74	11.568	PEAK	Pass
		2483.5	50.518	32.54	54	3.482	AVERAGE	Pass
802.11n40	Low	2390	60.559	32.61	74	13.441	PEAK	Pass
		2390	50.931	32.61	54	3.069	AVERAGE	Pass
	HIGH	2483.5	64.373	32.54	74	9.627	PEAK	Pass
		2483.5	49.541	32.54	54	4.459	AVERAGE	Pass

MIMO

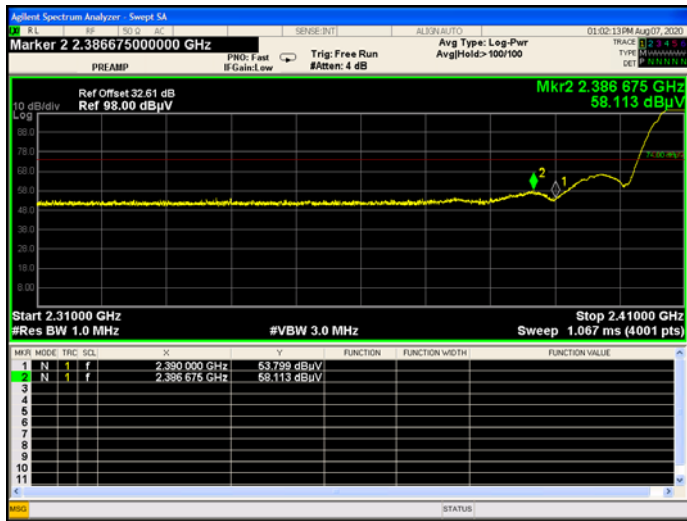
Test Mode	Test Channel	Frequency (MHz)	Level (dBuV/m)	Factor (dB)	Limit Line (dBuV/m)	Margin (dB)	Remark	Verdict
802.11n20	Low	2390	63.206	32.61	74	10.794	PEAK	Pass
		2390	50.703	32.61	54	3.297	AVERAGE	Pass
	HIGH	2483.5	61.923	32.54	74	12.077	PEAK	Pass
		2483.5	50.708	32.54	54	3.292	AVERAGE	Pass
802.11n40	Low	2390	62.732	32.61	74	11.268	PEAK	Pass
		2390	50.215	32.61	54	3.785	AVERAGE	Pass
	HIGH	2483.5	61.633	32.54	74	12.367	PEAK	Pass
		2483.5	50.742	32.54	54	3.258	AVERAGE	Pass

Test plots

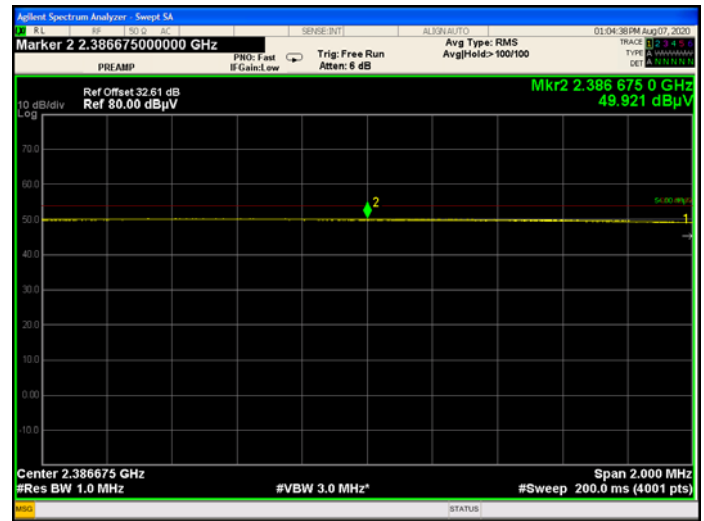
Main Antenna

802.11b Mode:

LOW CHANNEL, PEAK



LOW CHANNEL, AV



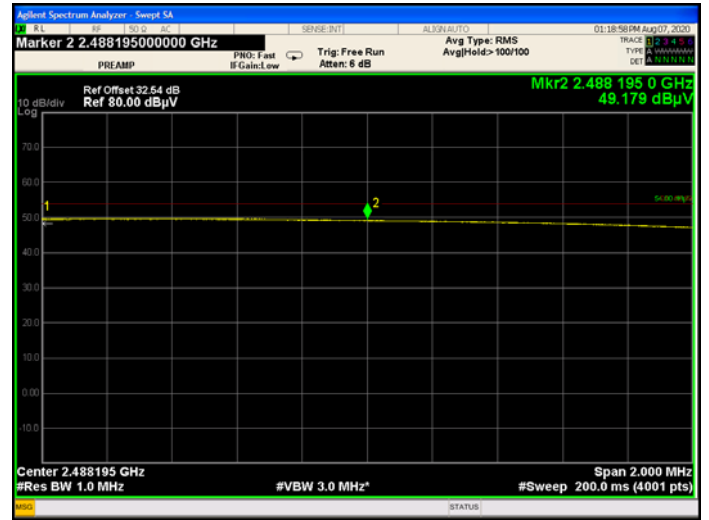
HIGH CHANNEL, PEAK



HIGH CHANNEL, AV1

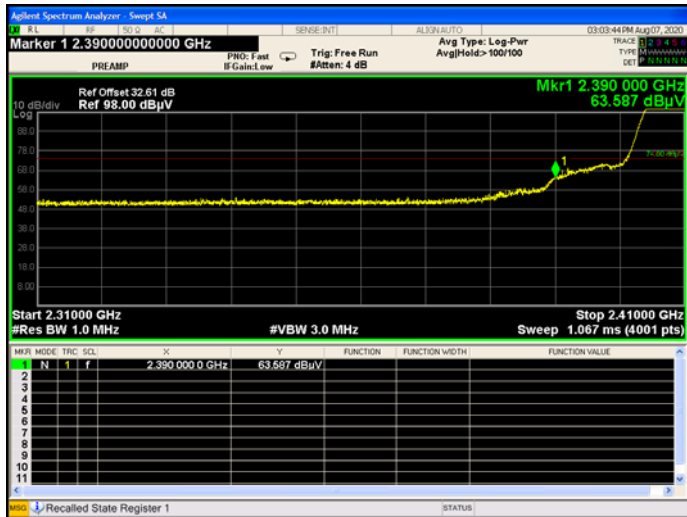


HIGH CHANNEL, AV2

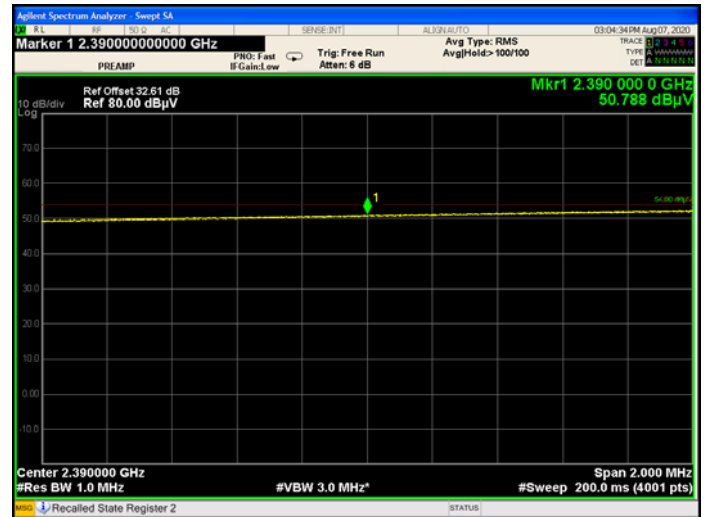


802.11g Mode:

LOW CHANNEL, PEAK



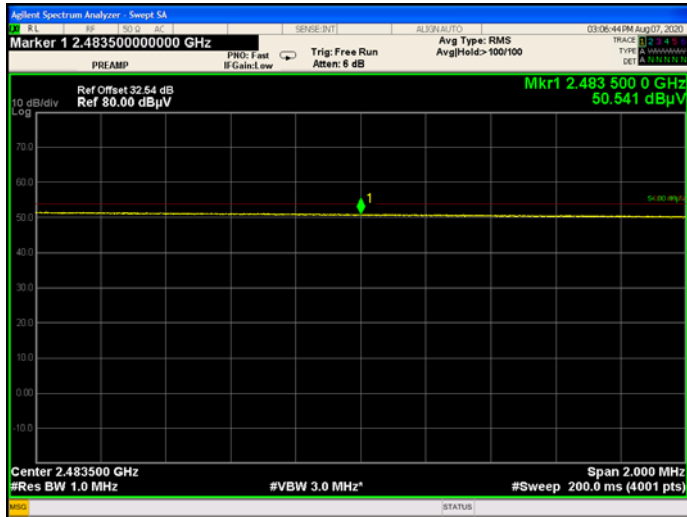
LOW CHANNEL, AV



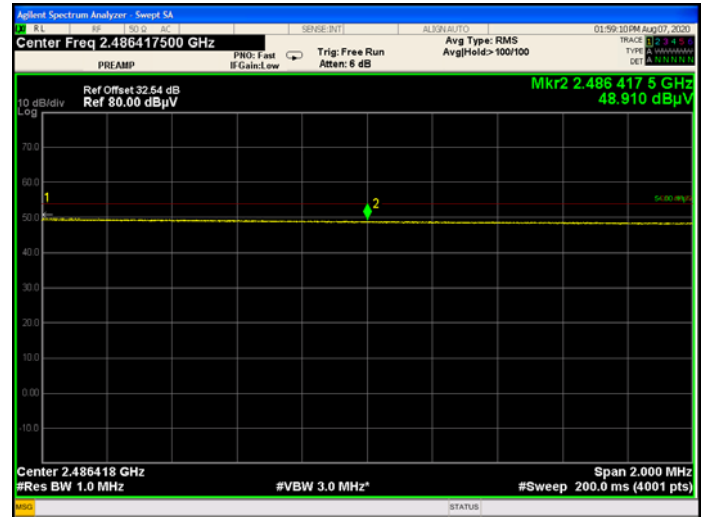
HIGH CHANNEL, PEAK



HIGH CHANNEL, AV1

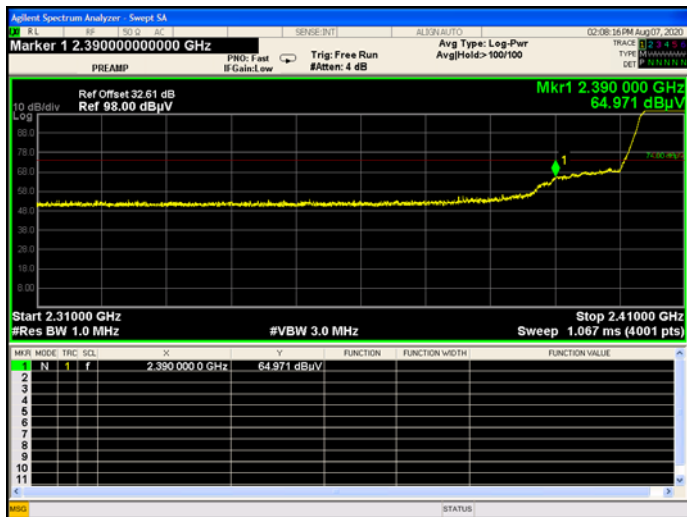


HIGH CHANNEL, AV2

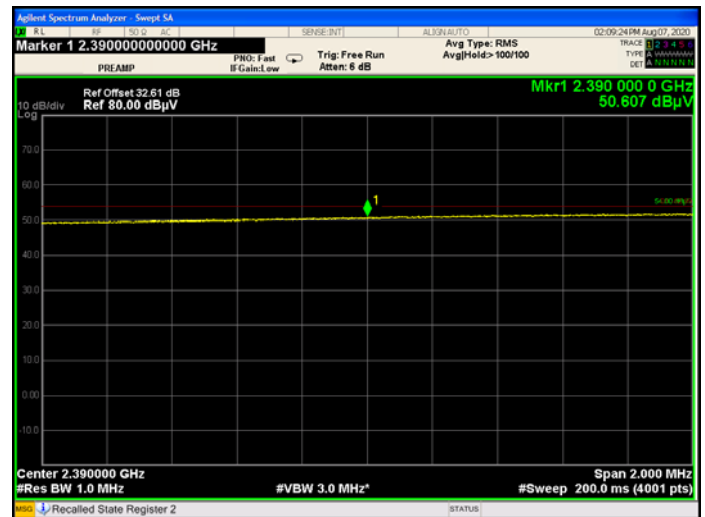


802.11n-20 MHz Mode:

LOW CHANNEL, PEAK



LOW CHANNEL, AV

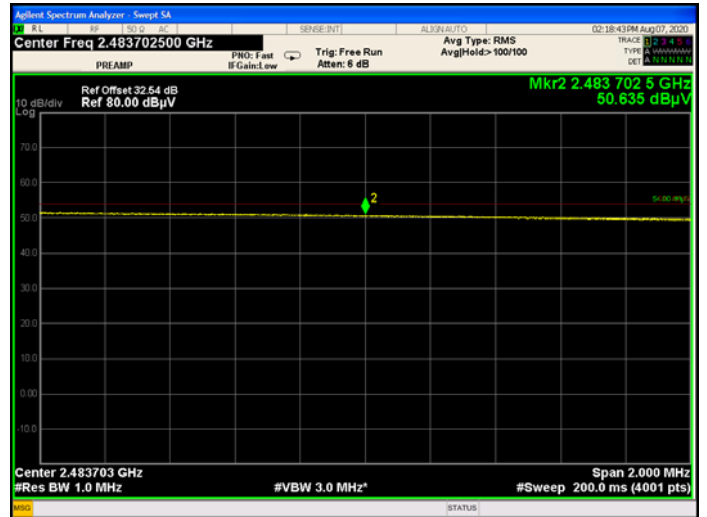
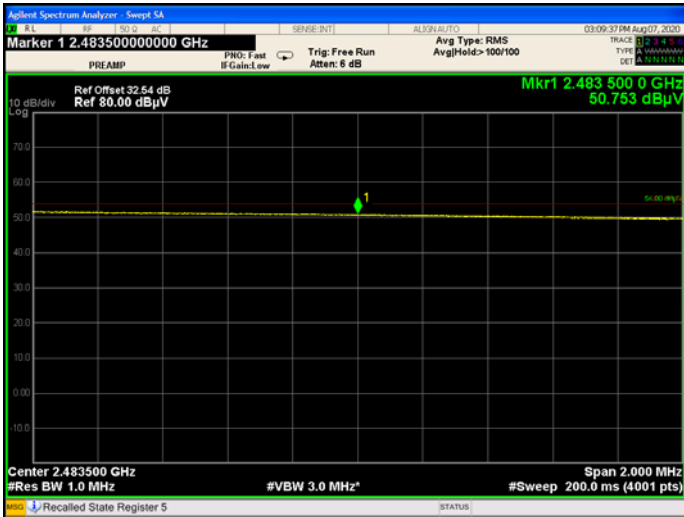


HIGH CHANNEL, PEAK



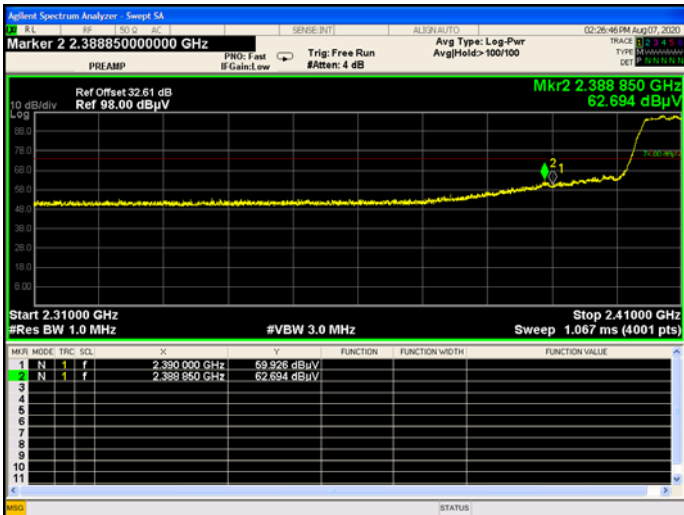
HIGH CHANNEL, AV1

HIGH CHANNEL, AV2

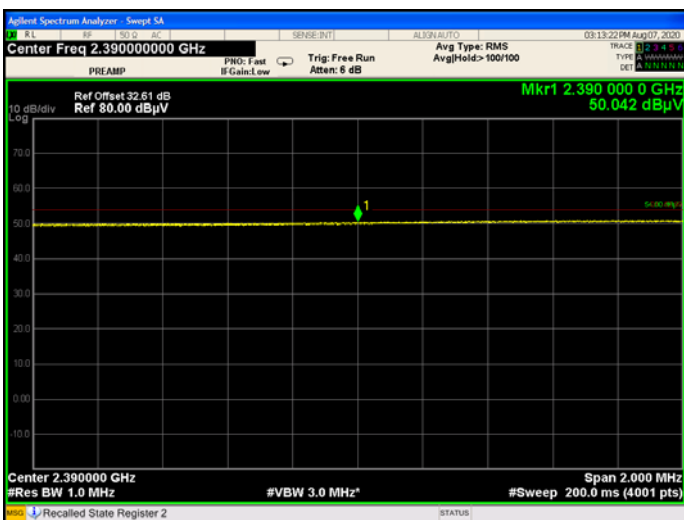


802.11n-40 MHz Mode:

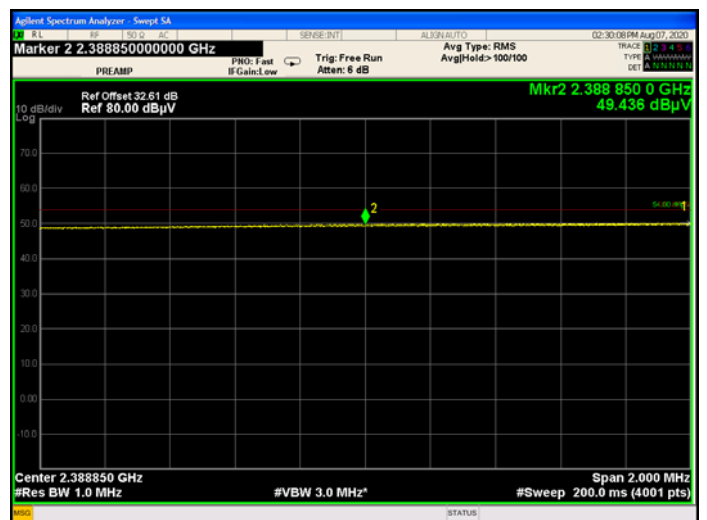
Low CHANNEL, PEAK



Low CHANNEL, AV1



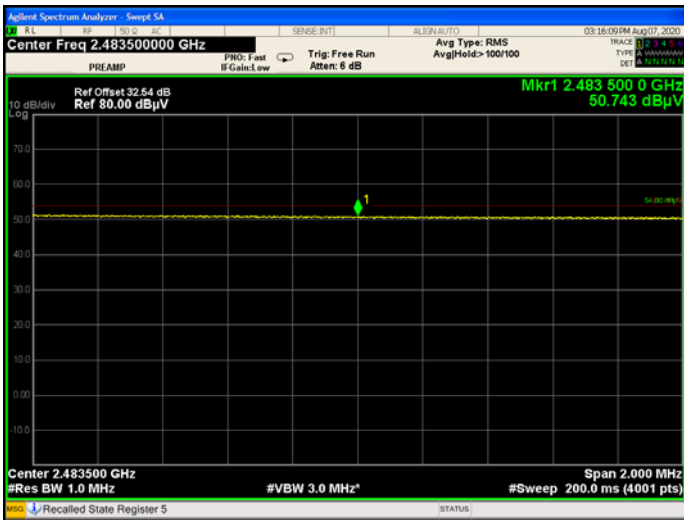
Low CHANNEL, AV2



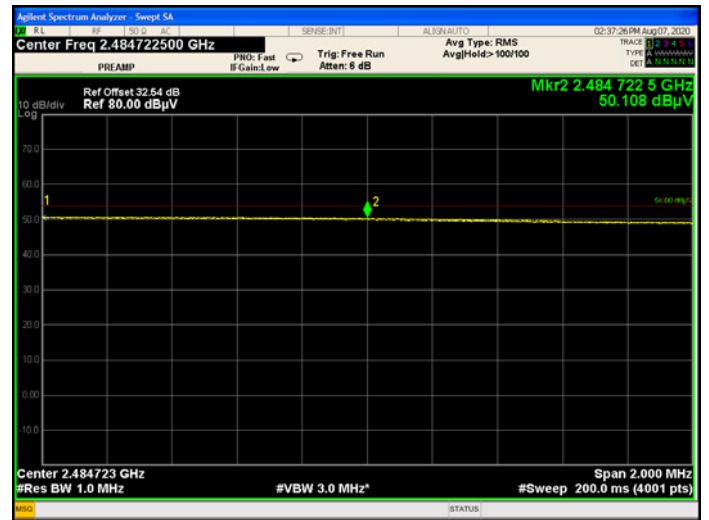
HIGH CHANNEL, PEAK



HIGH CHANNEL, AV1

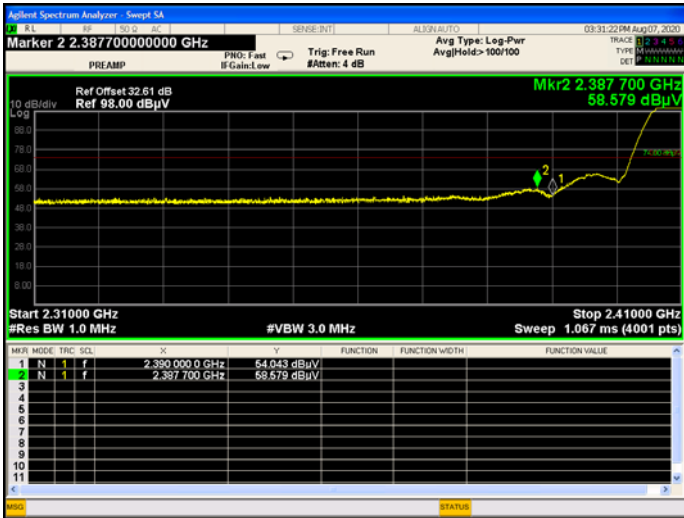


HIGH CHANNEL, AV2

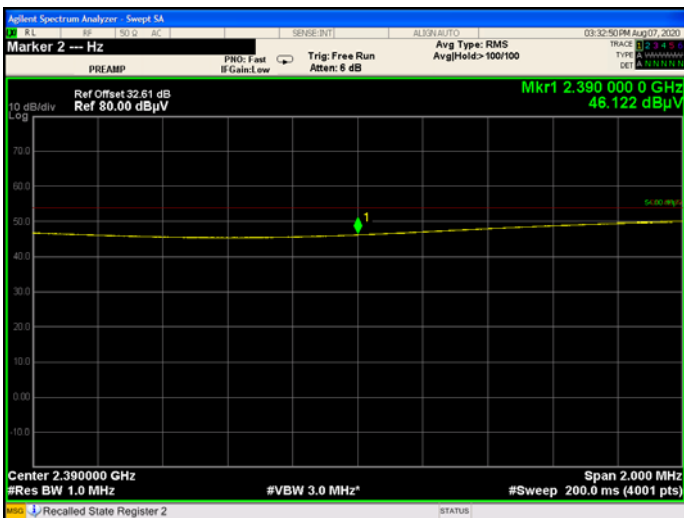


Aux. Antenna
802.11b Mode:

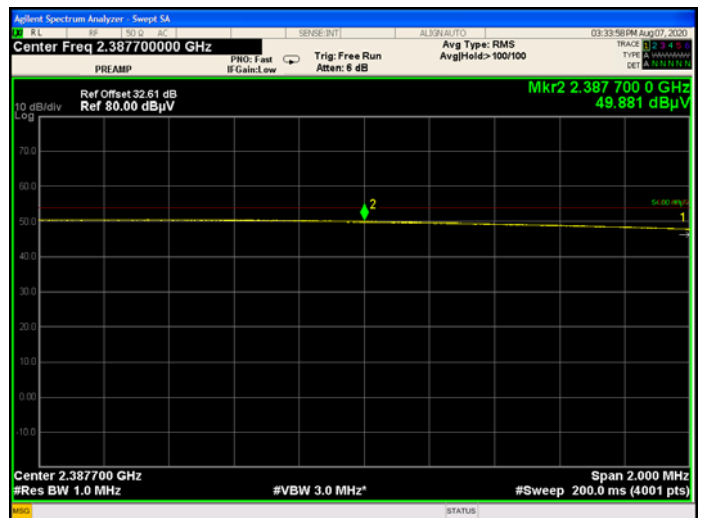
LOW CHANNEL, PEAK



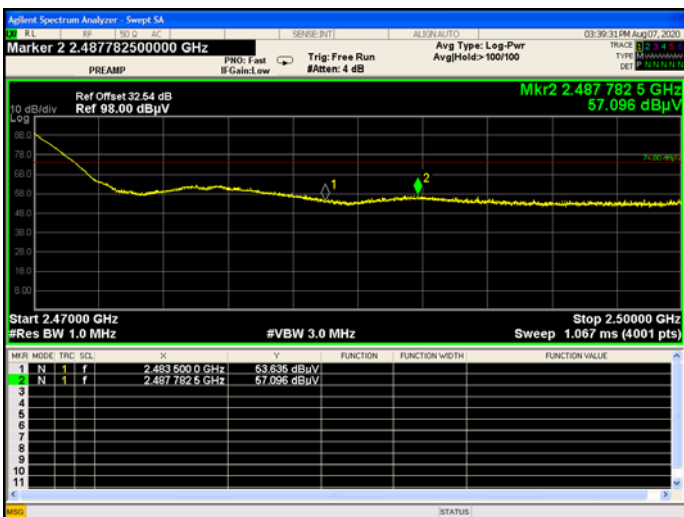
LOW CHANNEL, AV1



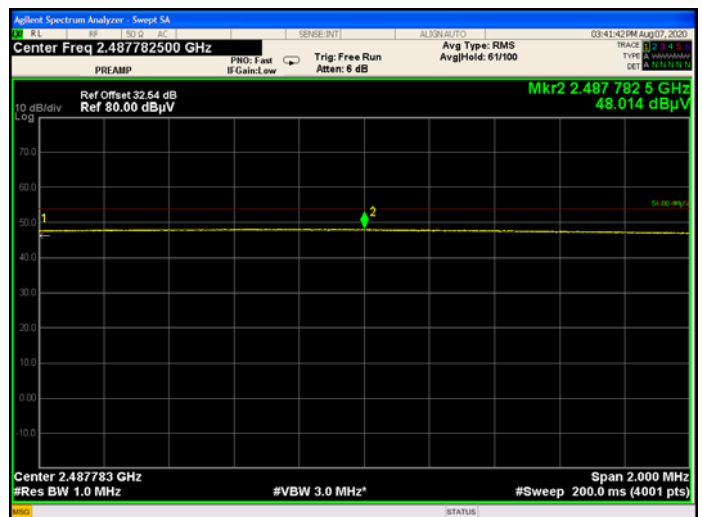
LOW CHANNEL, AV2



HIGH CHANNEL, PEAK

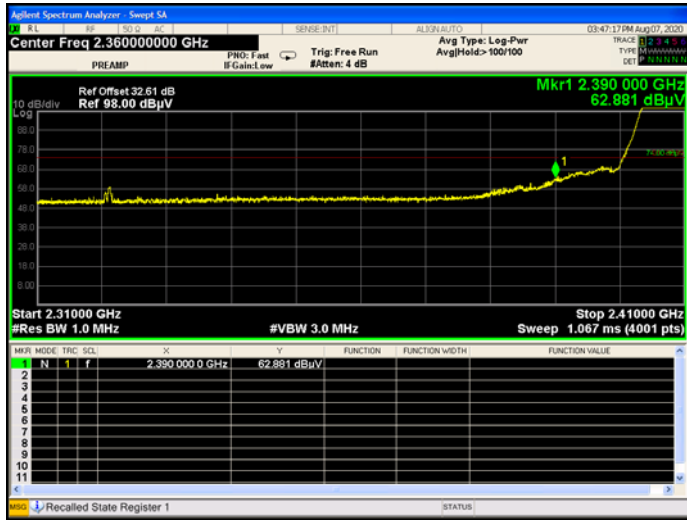


HIGH CHANNEL, AV

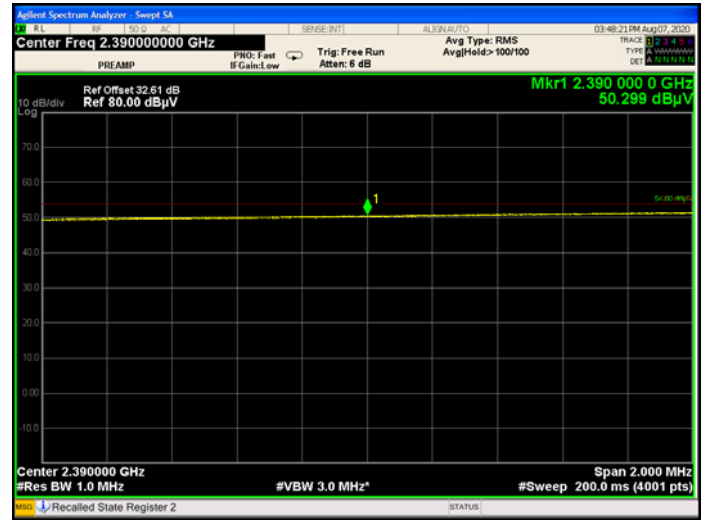


802.11g Mode:

LOW CHANNEL, PEAK



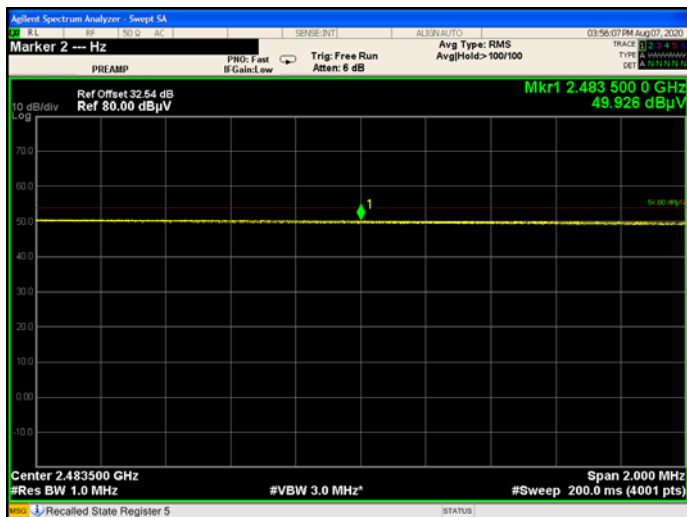
LOW CHANNEL, AV



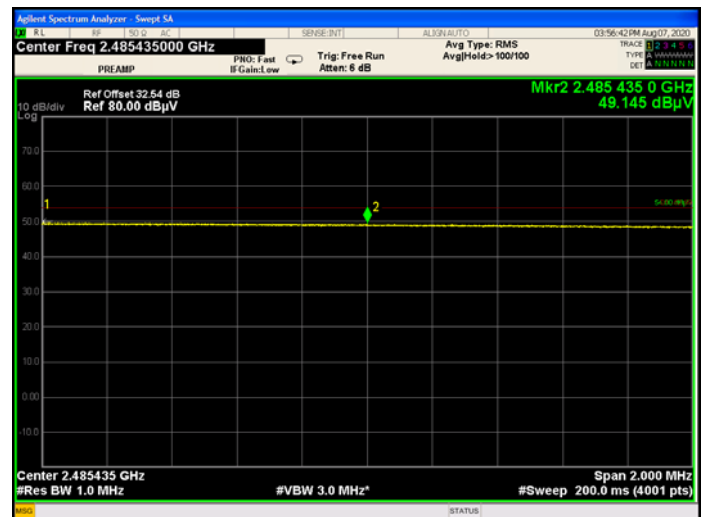
HIGH CHANNEL, PEAK



HIGH CHANNEL, AV1



HIGH CHANNEL, AV2

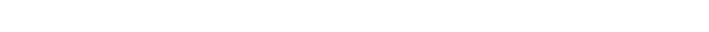


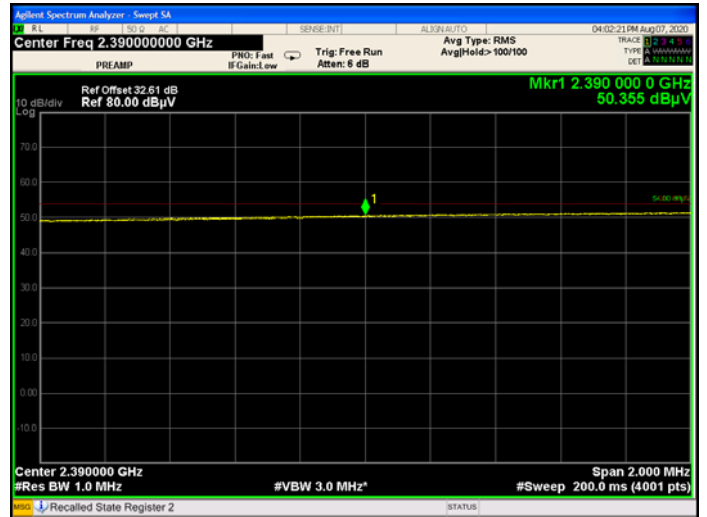
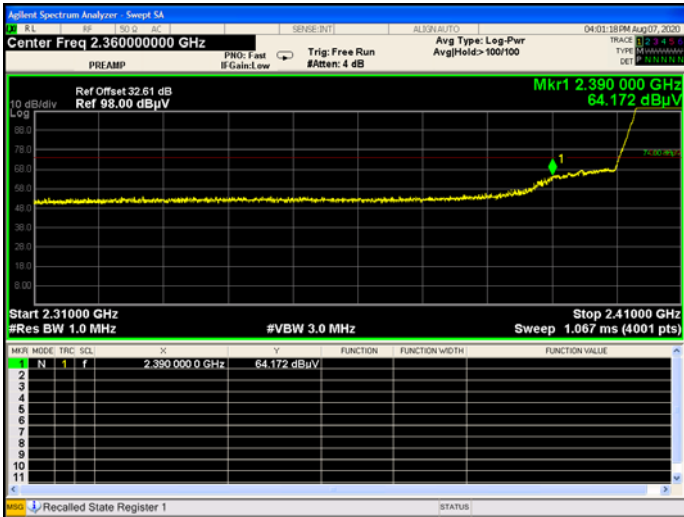
802.11n-20 MHz Mode:

LOW CHANNEL, PEAK



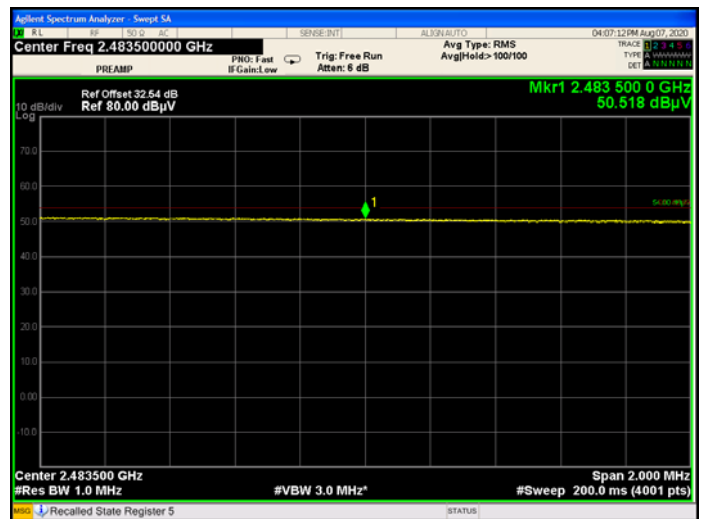
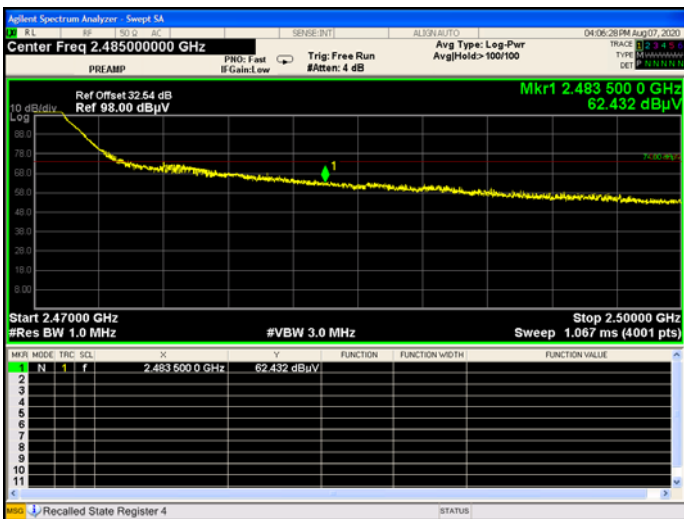
LOW CHANNEL, AV





HIGH CHANNEL, PEAK

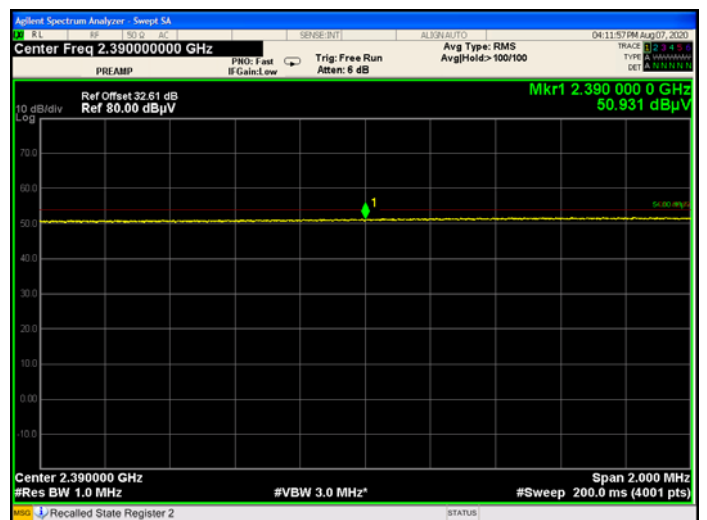
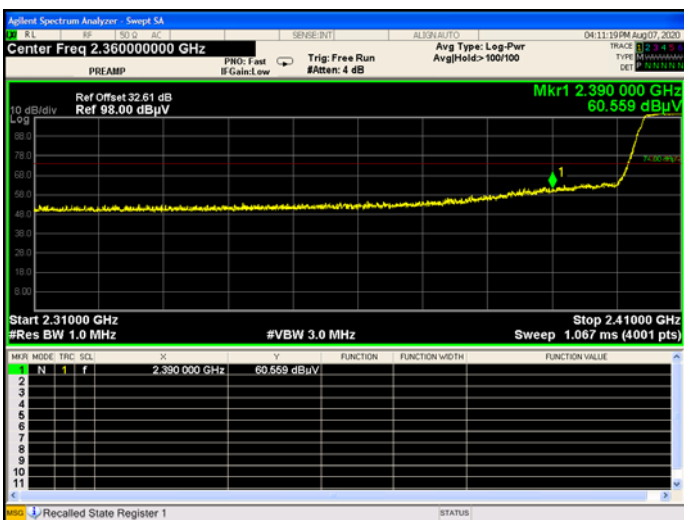
HIGH CHANNEL, AV



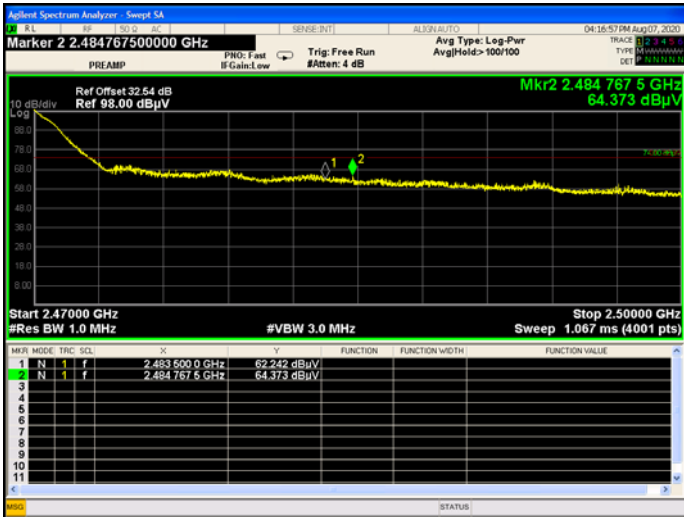
802.11n-40 MHz Mode:

Low CHANNEL, PEAK

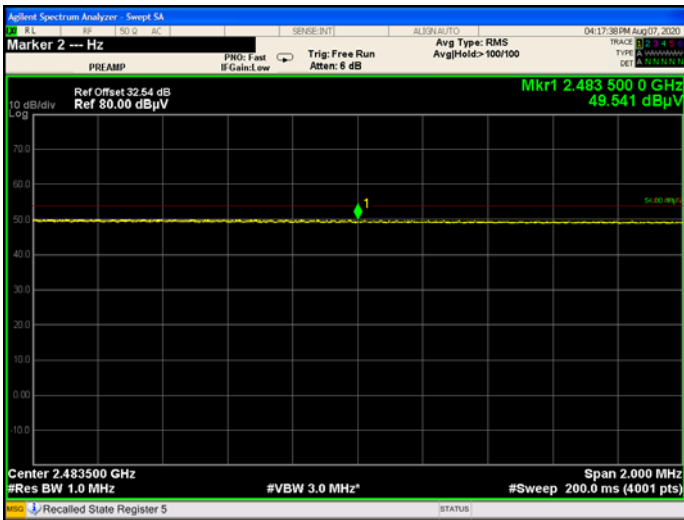
Low CHANNEL, AV



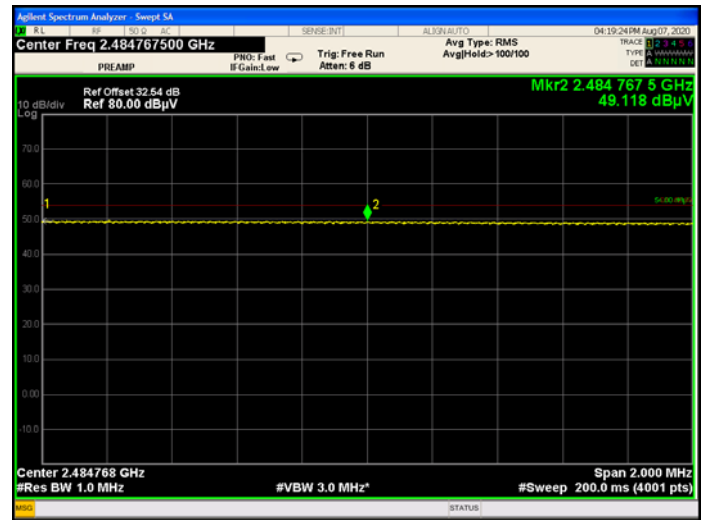
HIGH CHANNEL, PEAK



HIGH CHANNEL, AV1



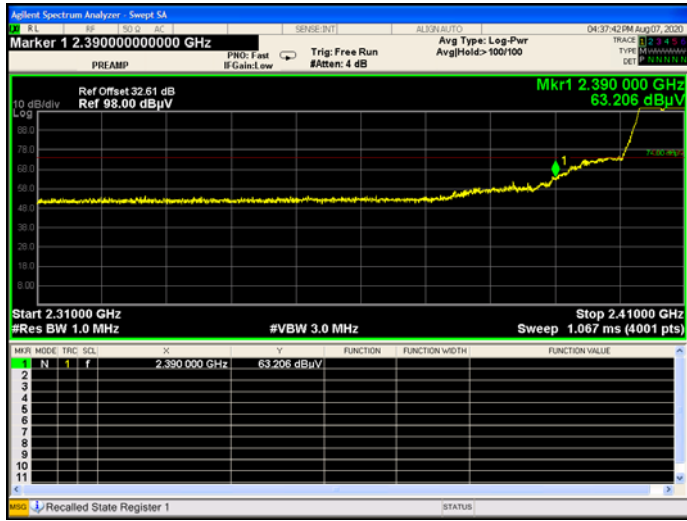
HIGH CHANNEL, AV2



MIMO

802.11n-20 MHz Mode:

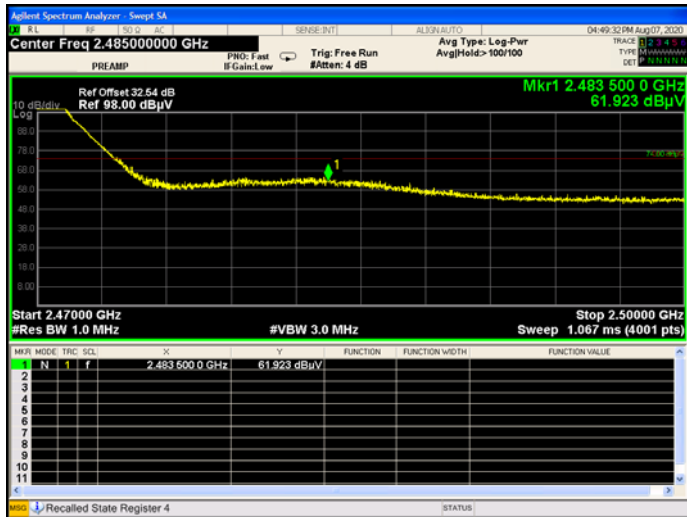
LOW CHANNEL, PEAK



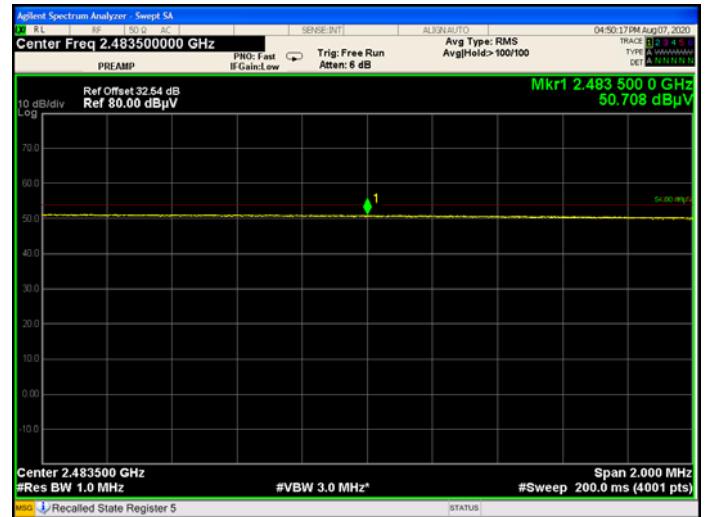
LOW CHANNEL, AV



HIGH CHANNEL, PEAK

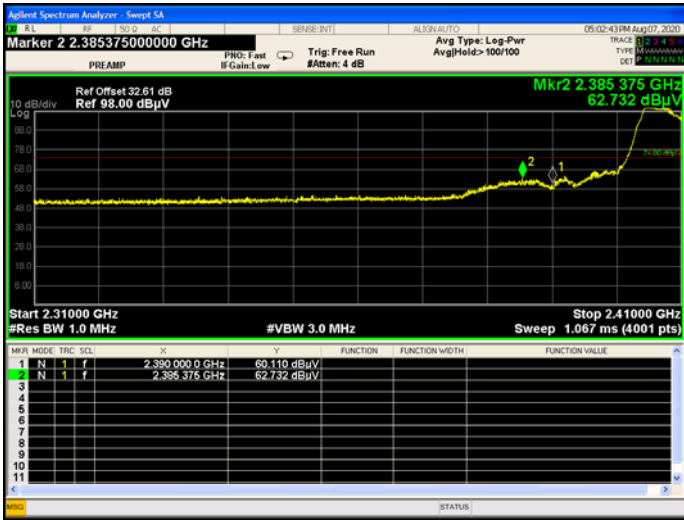


HIGH CHANNEL, AV

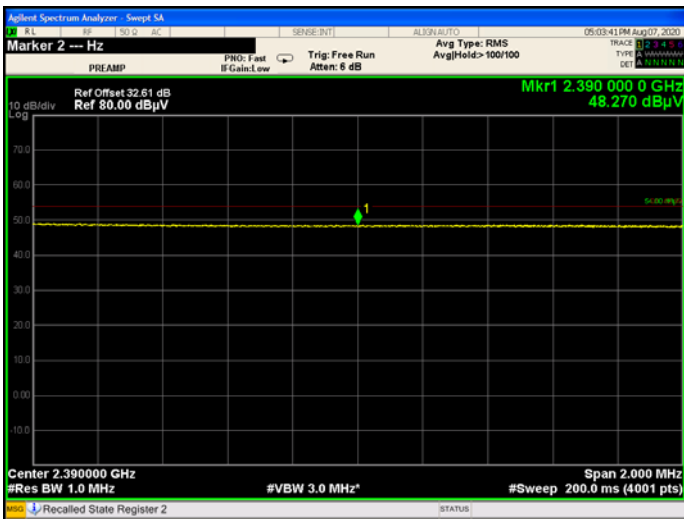


802.11n-40 MHz Mode:

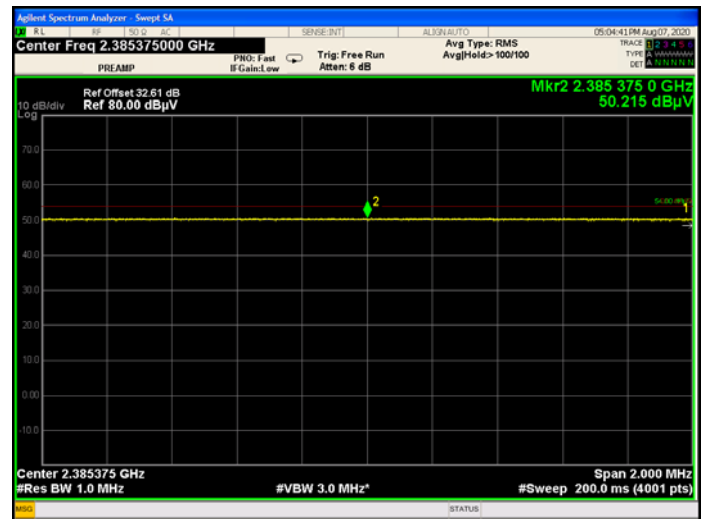
Low CHANNEL, PEAK



Low CHANNEL, AV1



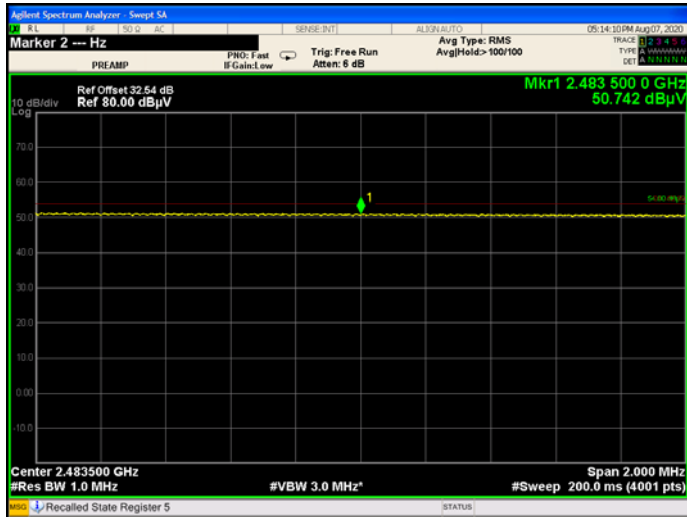
Low CHANNEL, AV2



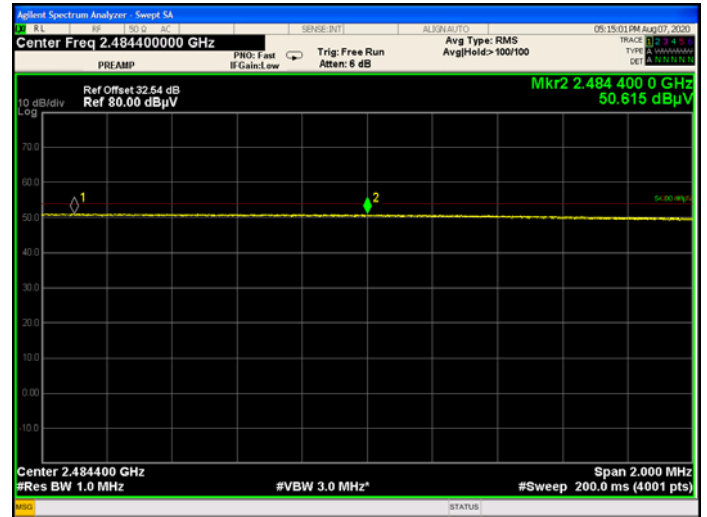
HIGH CHANNEL, PEAK



HIGH CHANNEL, AV1



HIGH CHANNEL, AV2



A.8 Power Spectral Density (PSD)

Test Data

Main Antenna

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-13.96	8
Middle	-12.25	8
High	-13.26	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-25.25	8
Middle	-16.37	8
High	-21.67	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-25.87	8
Middle	-15.99	8
High	-24.04	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-29.27	8
Middle	-19.40	8
High	-26.06	8

Aux. Antenna

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-11.51	8
Middle	-11.90	8
High	-12.87	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-21.04	8
Middle	-15.87	8
High	-18.94	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-22.75	8
Middle	-15.86	8
High	-18.23	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-25.12	8
Middle	-18.76	8
High	-21.19	8

MIMO-Main Antenna

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-23.57	8
Middle	-18.87	8
High	-21.63	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-30.99	8
Middle	-22.37	8
High	-27.2	8

MIMO-Aux. Antenna

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-22.32	8
Middle	-18.63	8
High	-21.42	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-29.85	8
Middle	-22.24	8
High	-26.66	8

MIMO

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-19.89	8
Middle	-15.74	8
High	-18.51	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-27.37	8
Middle	-19.29	8
High	-23.91	8

Test plots

Main Antenna

802.11b LOW CHANNEL



Date: 26 SEP 2020 10:07:58

802.11b MIDDLE CHANNEL



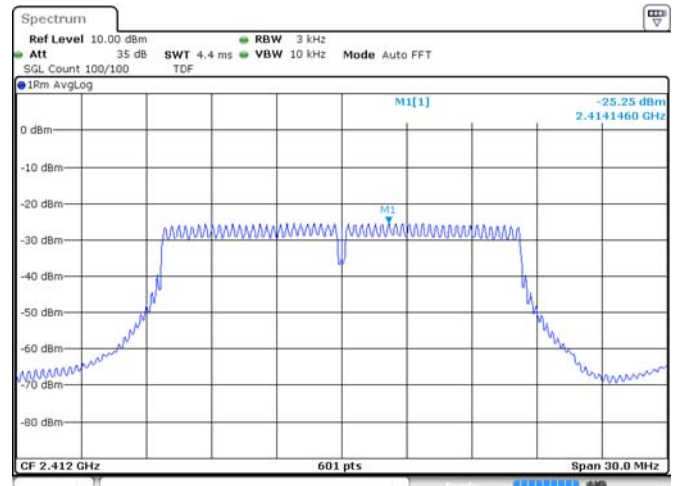
Date: 1 AUG 2020 14:02:18

802.11b HIGH CHANNEL



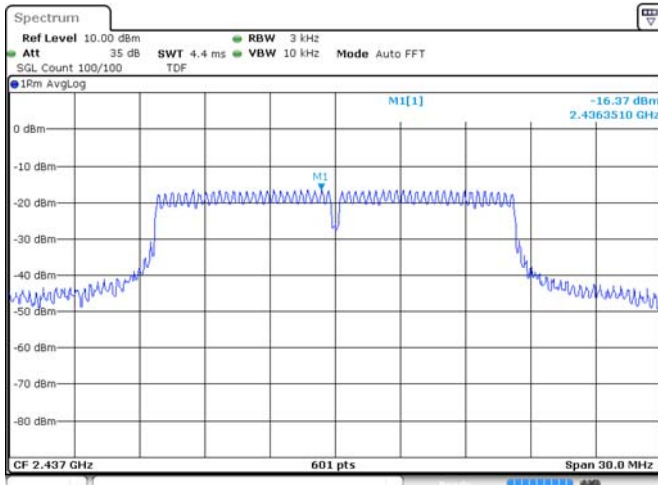
Date: 26 SEP 2020 10:16:01

802.11g LOW CHANNEL



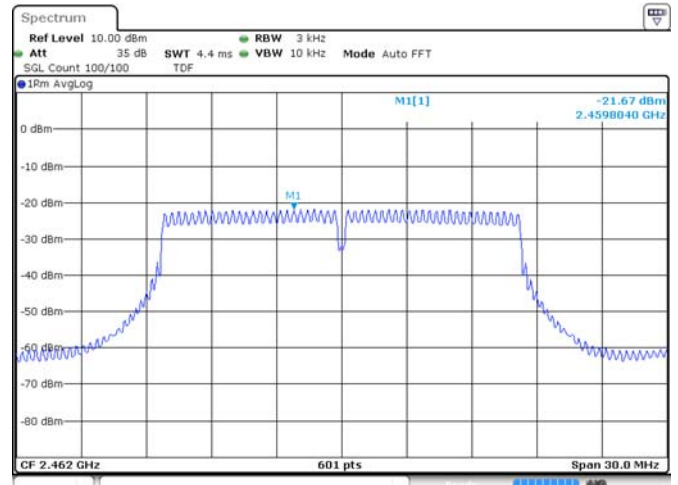
Date: 26 SEP 2020 11:49:05

802.11g MIDDLE CHANNEL



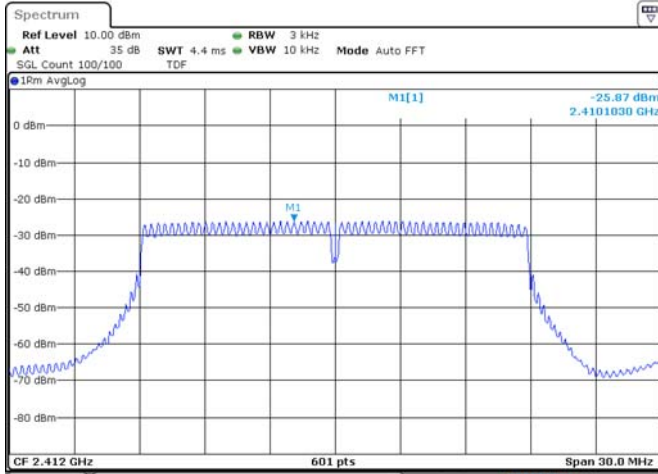
Date: 1 AUG 2020 14:11:40

802.11g HIGH CHANNEL



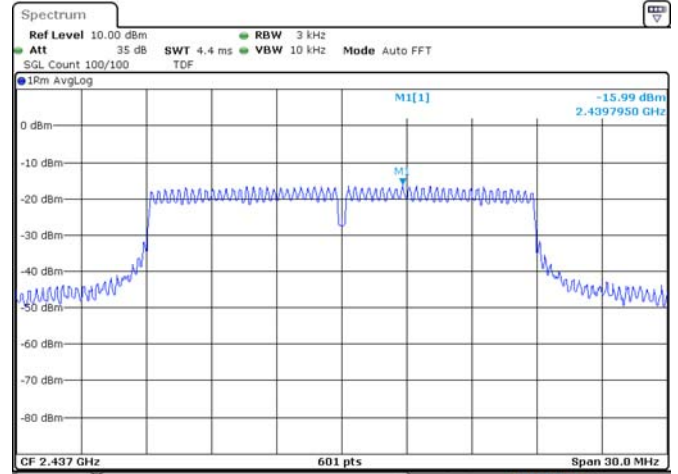
Date: 26 SEP 2020 11:51:25

802.11n-20 MHz LOW CHANNEL



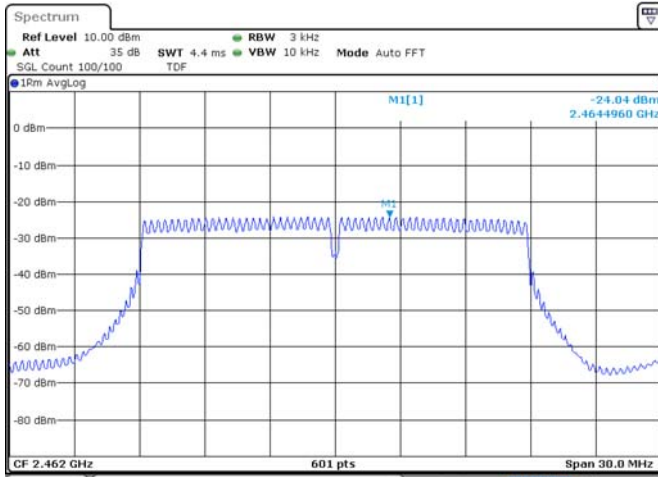
Date: 26.SEP.2020 11:54:00

802.11 n-20 MHz MIDDLE CHANNEL



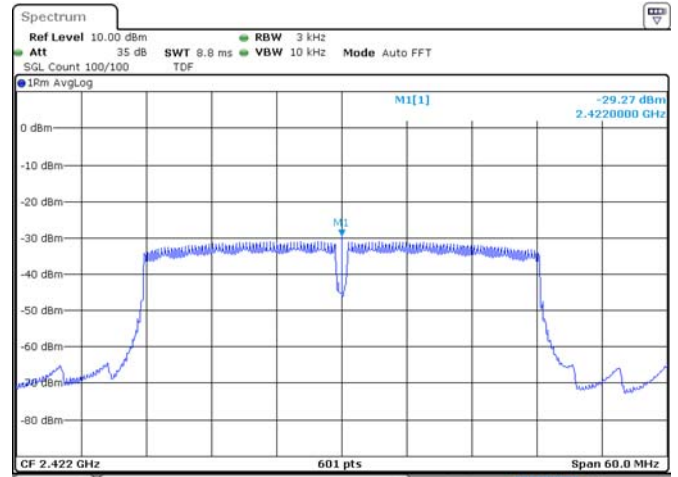
Date: 1.AUG.2020 14:18:42

802.11n-20 MHz HIGH CHANNEL



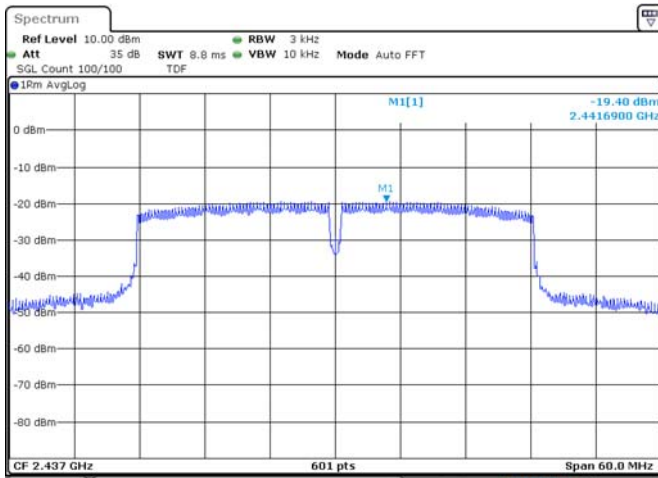
Date: 26.SEP.2020 11:56:44

802.11n-40 MHz LOW CHANNEL



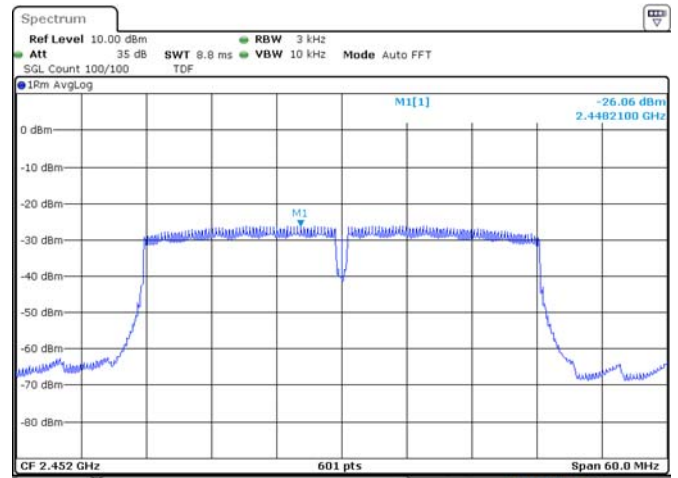
Date: 26.SEP.2020 11:59:12

802.11n-40 MHz MIDDLE CHANNEL



Date: 1.AUG.2020 14:26:14

802.11n-40 MHz HIGH CHANNEL



Date: 26.SEP.2020 12:01:37

Aux. Antenna

802.11b LOW CHANNEL



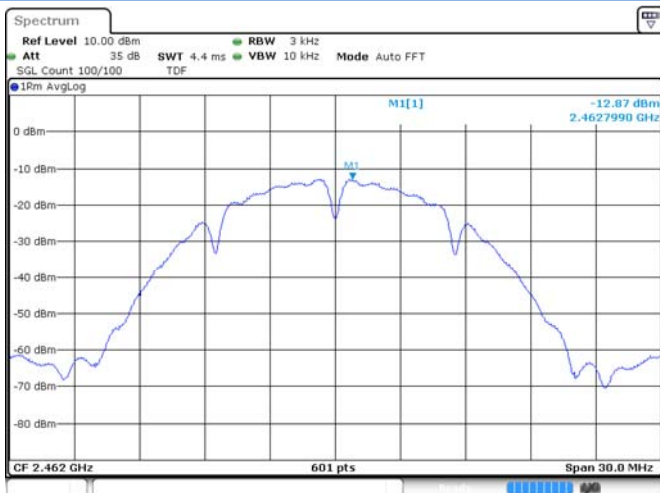
Date: 26 SEP 2020 10:24:57

802.11b MIDDLE CHANNEL



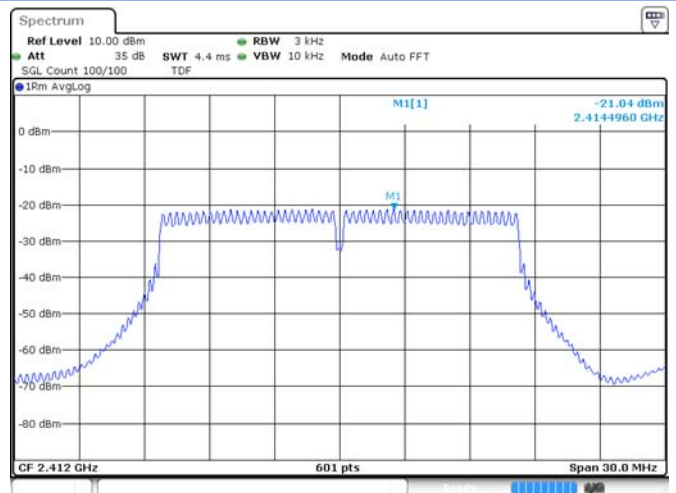
Date: 1 AUG 2020 14:54:31

802.11b HIGH CHANNEL



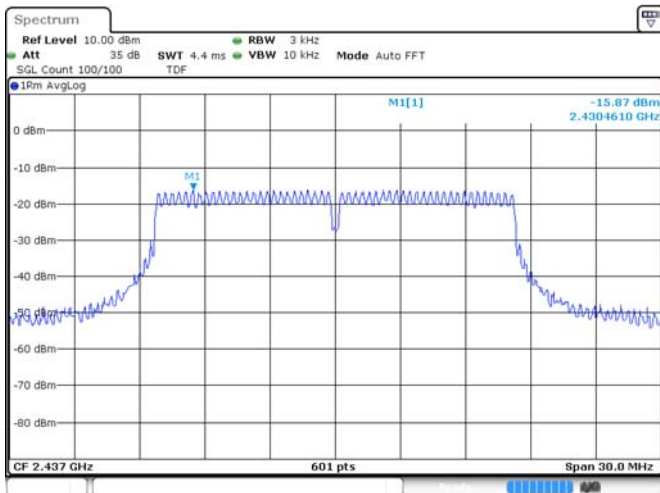
Date: 1 AUG 2020 14:57:53

802.11g LOW CHANNEL



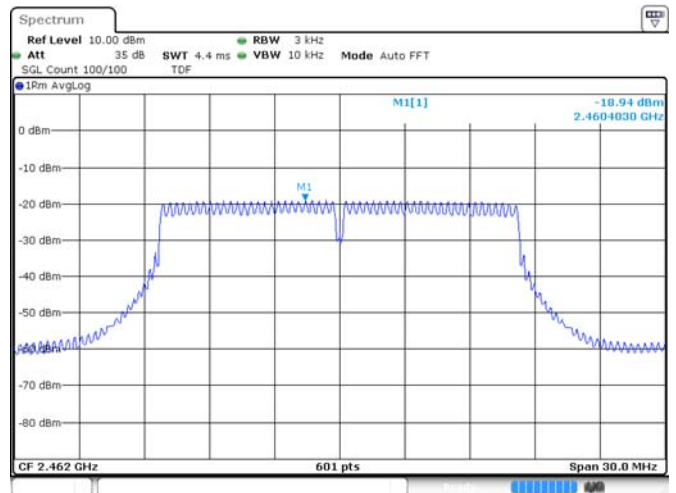
Date: 26 SEP 2020 10:27:54

802.11g MIDDLE CHANNEL



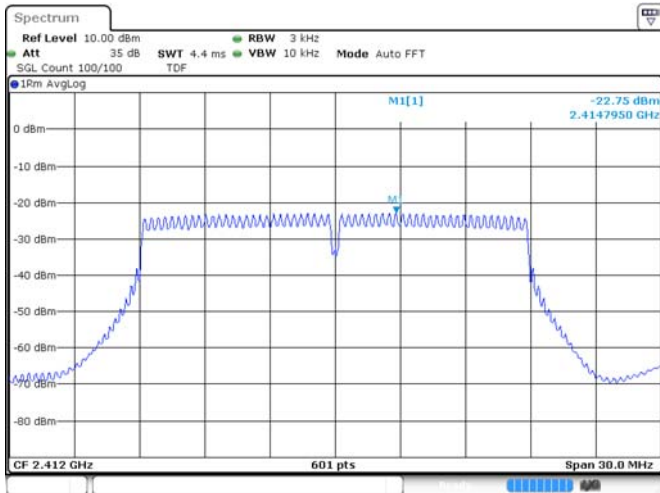
Date: 1 AUG 2020 15:02:19

802.11g HIGH CHANNEL



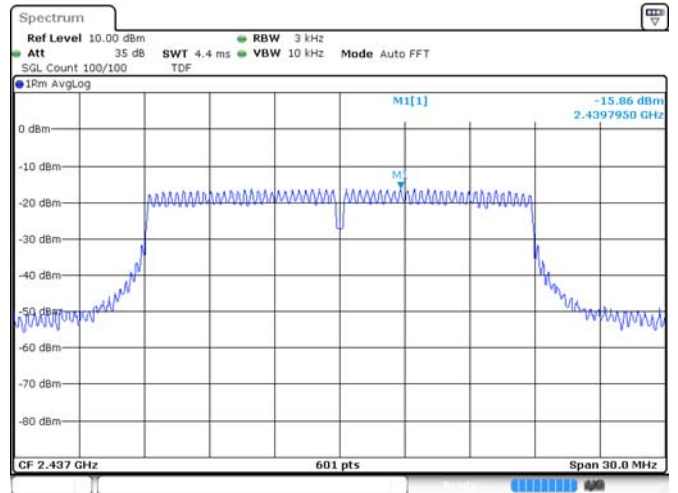
Date: 26 SEP 2020 10:30:15

802.11n-20 MHz LOW CHANNEL



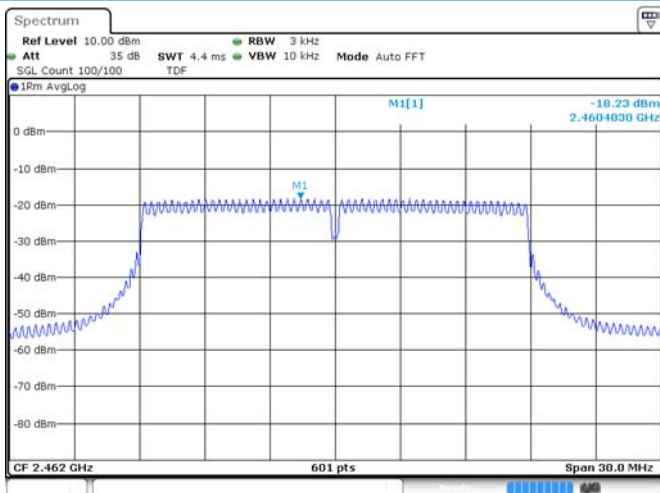
Date: 26 SEP 2020 10:32:35

802.11 n-20 MHz MIDDLE CHANNEL



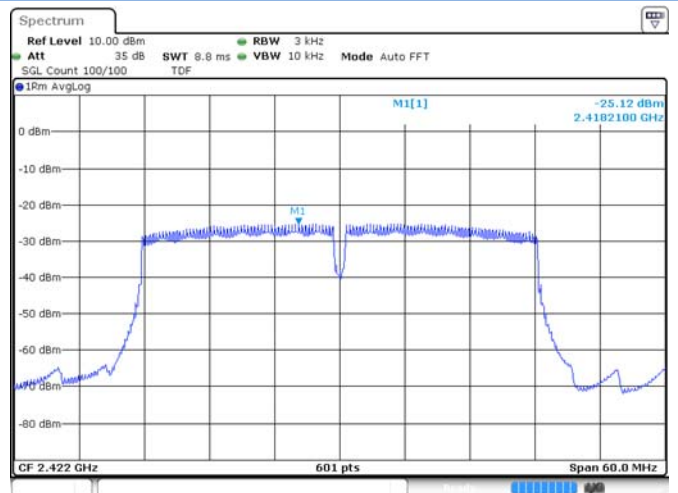
Date: 1 AUG 2020 15:10:10

802.11n-20 MHz HIGH CHANNEL



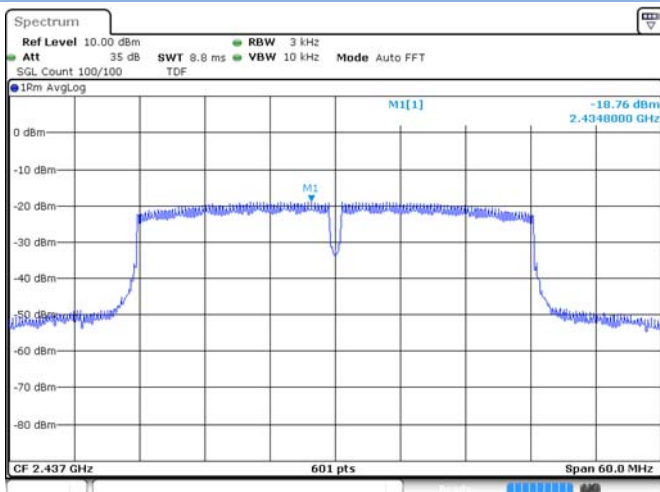
Date: 26 SEP 2020 10:34:55

802.11n-40 MHz LOW CHANNEL



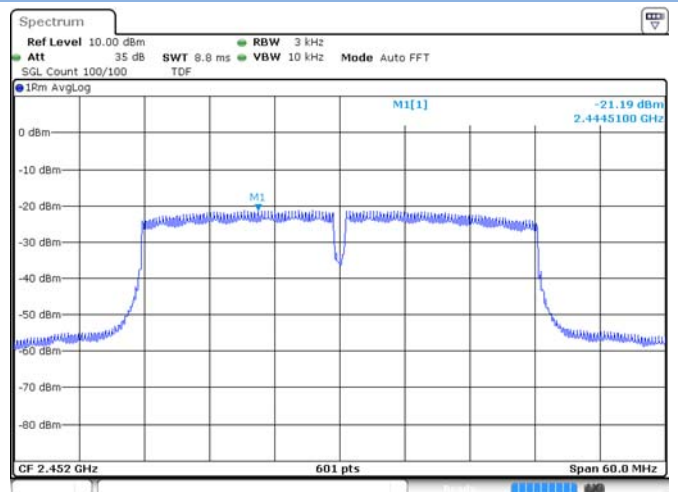
Date: 26 SEP 2020 10:37:14

802.11n-40 MHz MIDDLE CHANNEL



Date: 1 AUG 2020 15:17:03

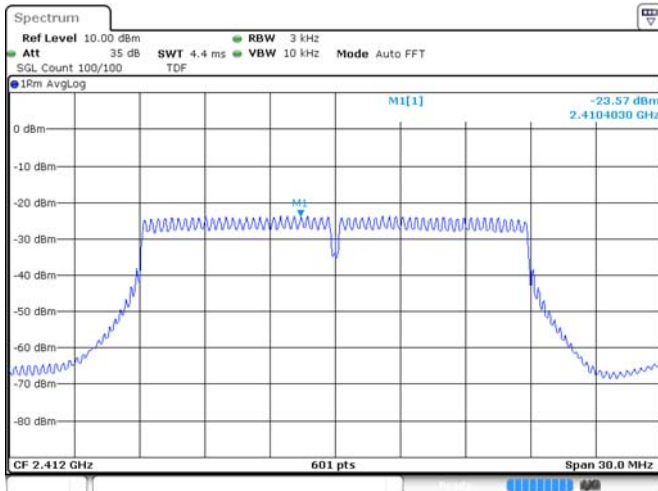
802.11n-40 MHz HIGH CHANNEL



Date: 26 SEP 2020 10:39:56

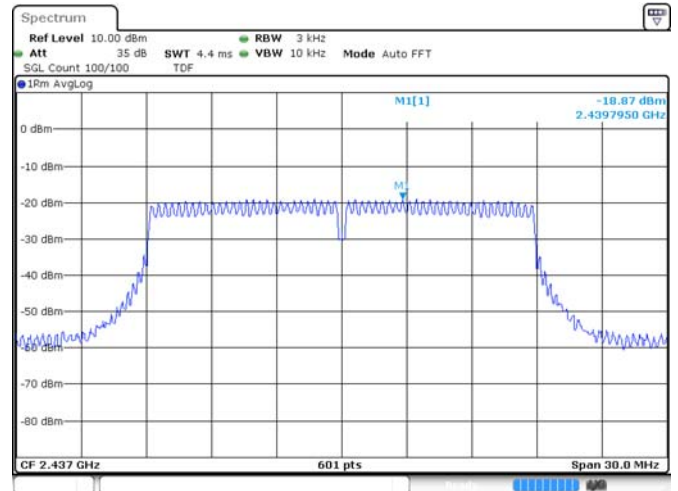
MIMO-Main Antenna

802.11n-20 MHz LOW CHANNEL



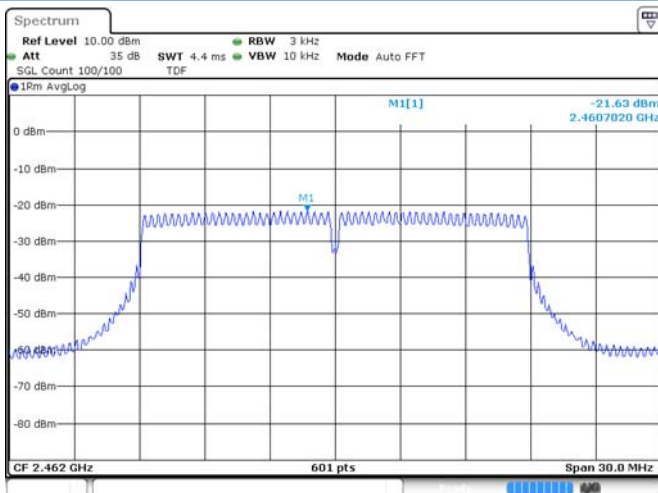
Date: 26 SEP 2020 12:03:54

802.11 n-20 MHz MIDDLE CHANNEL



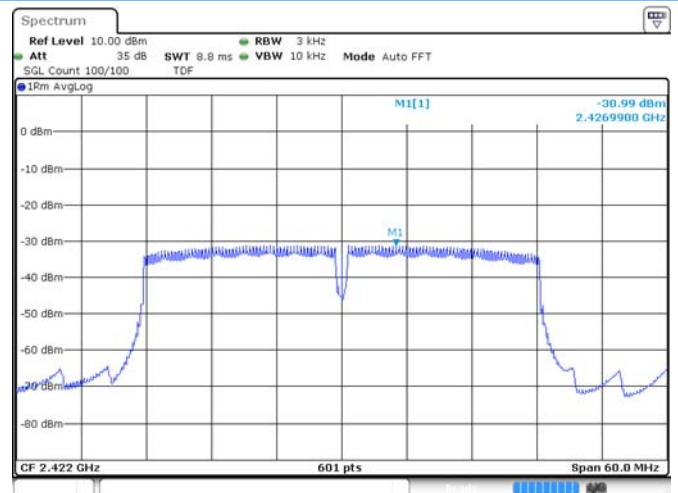
Date: 1 AUG 2020 14:40:44

802.11n-20 MHz HIGH CHANNEL



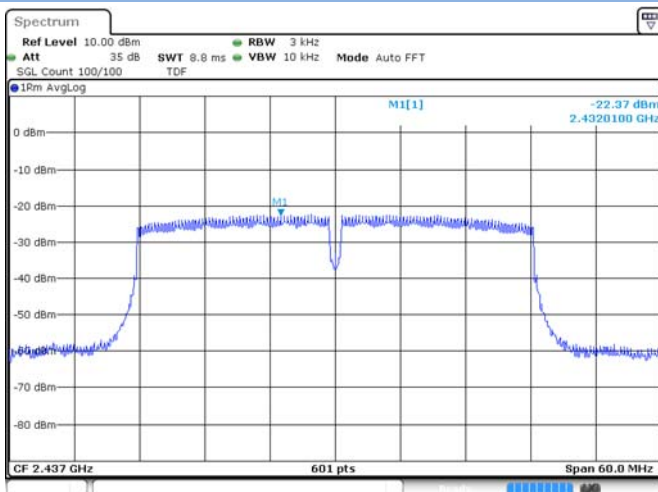
Date: 26 SEP 2020 12:07:03

802.11n-40 MHz LOW CHANNEL



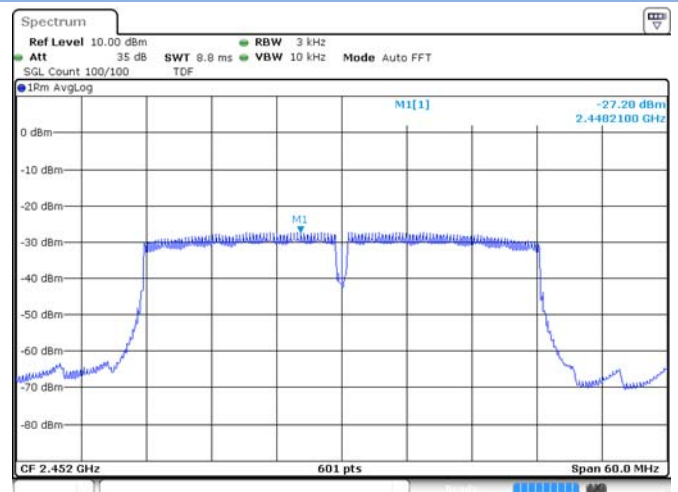
Date: 26 SEP 2020 12:09:02

802.11n-40 MHz MIDDLE CHANNEL



Date: 1 AUG 2020 14:46:54

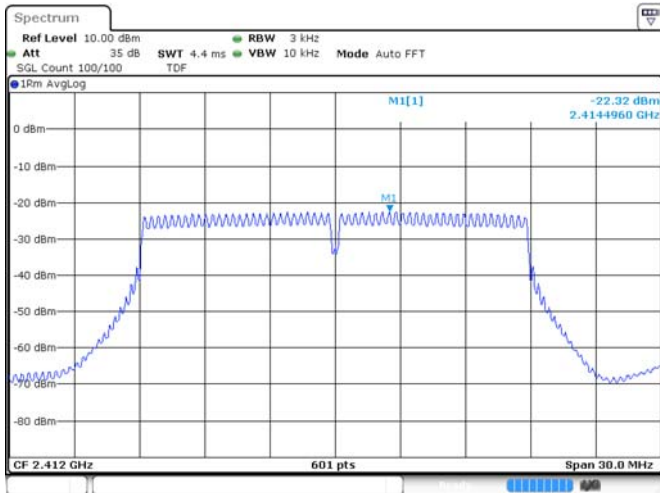
802.11n-40 MHz HIGH CHANNEL



Date: 26 SEP 2020 12:11:08

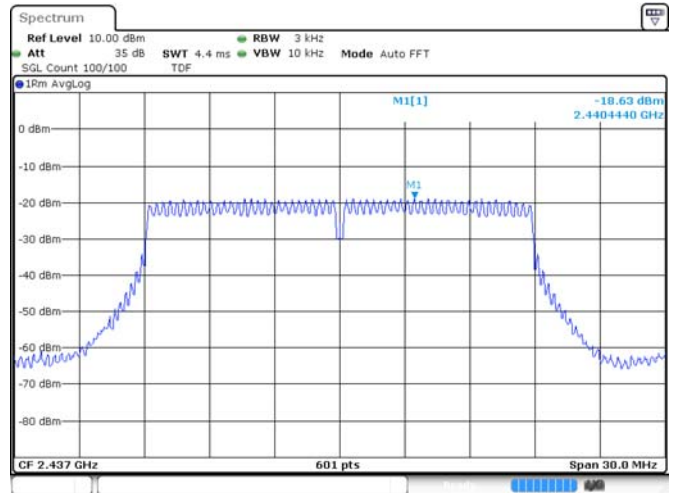
MIMO-Aux. Antenna

802.11n-20 MHz LOW CHANNEL



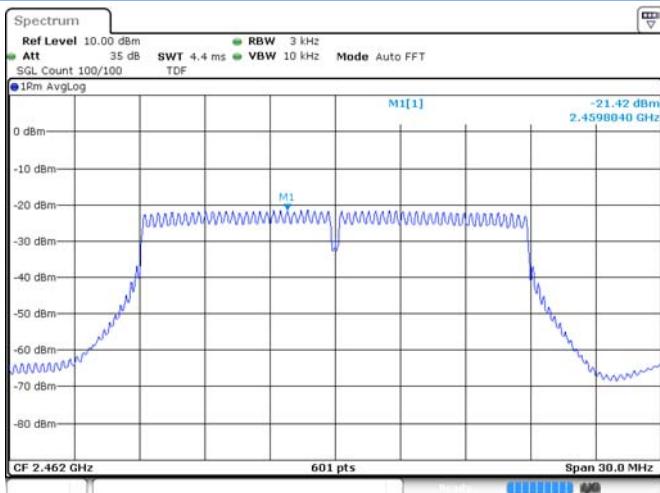
Date: 26 SEP 2020 10:42:30

802.11 n-20 MHz MIDDLE CHANNEL



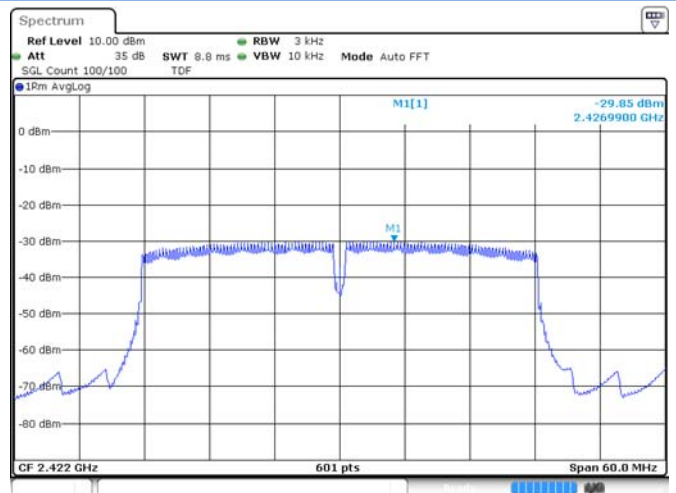
Date: 1 AUG 2020 15:24:25

802.11n-20 MHz HIGH CHANNEL



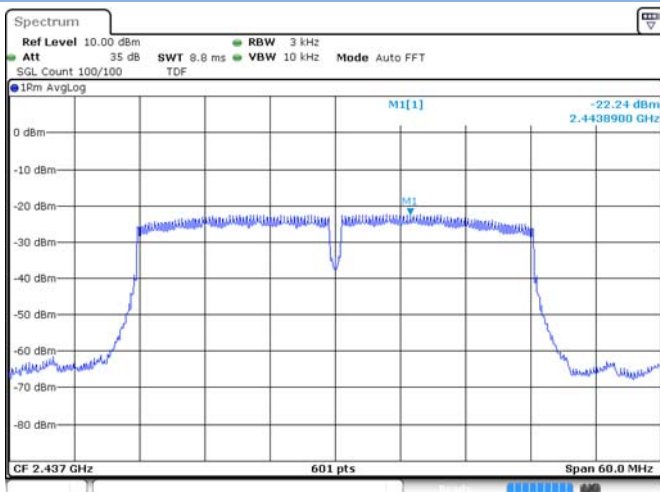
Date: 26 SEP 2020 10:44:13

802.11n-40 MHz LOW CHANNEL



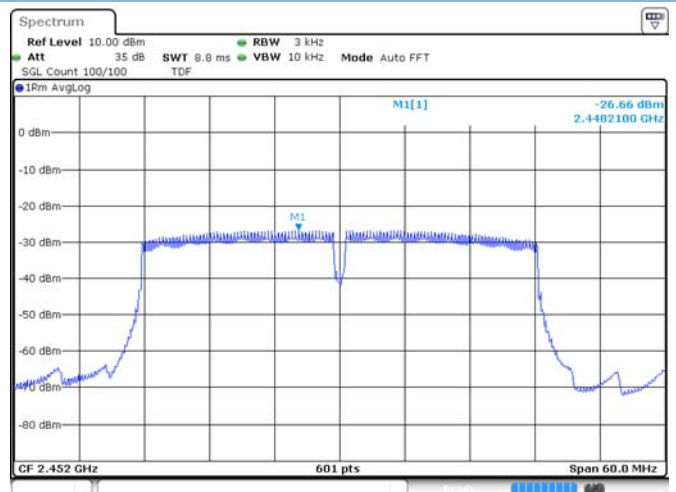
Date: 26 SEP 2020 10:46:11

802.11n-40 MHz MIDDLE CHANNEL



Date: 1 AUG 2020 15:29:57

802.11n-40 MHz HIGH CHANNEL



Date: 26 SEP 2020 10:48:08

ANNEX B TEST SETUP PHOTOS

Please refer the document "BL-SZ2070809-AR.pdf".

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document "BL-SZ2070809-AW.pdf".

ANNEX D EUT INTERNAL PHOTOS

Please refer the document "BL-SZ2070809-AI.pdf".

--END OF REPORT--