

Test Plots

802.11b LOW CHANNEL, CARRIER LEVEL



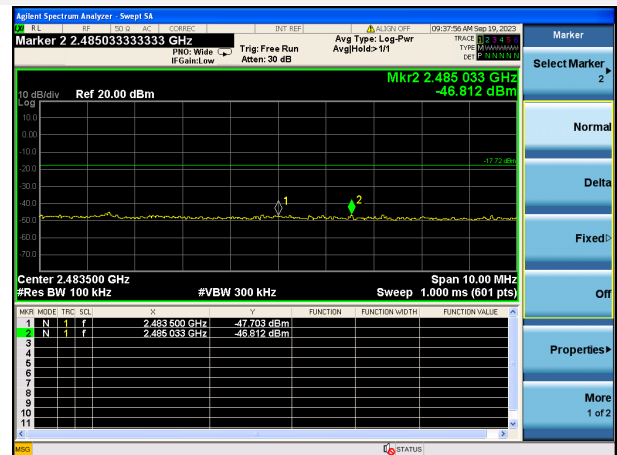
802.11b LOW CHANNEL, BAND EDGE



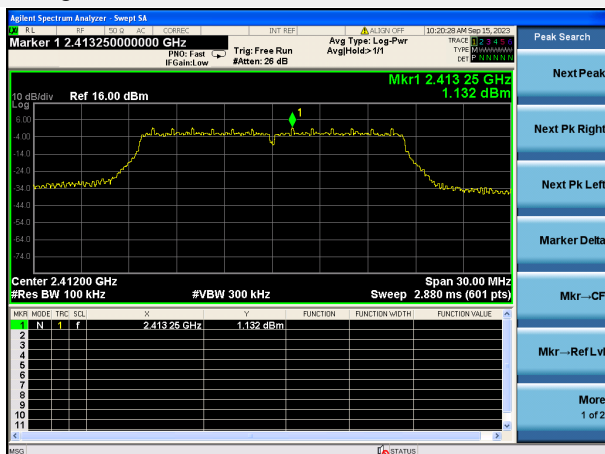
802.11b HIGH CHANNEL, CARRIER LEVEL



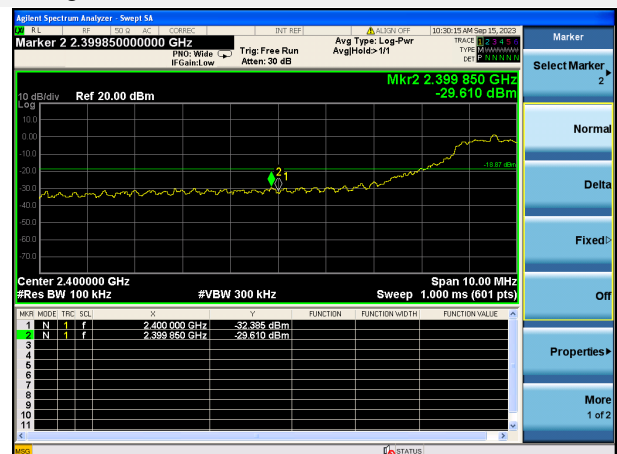
802.11b HIGH CHANNEL, BAND EDGE



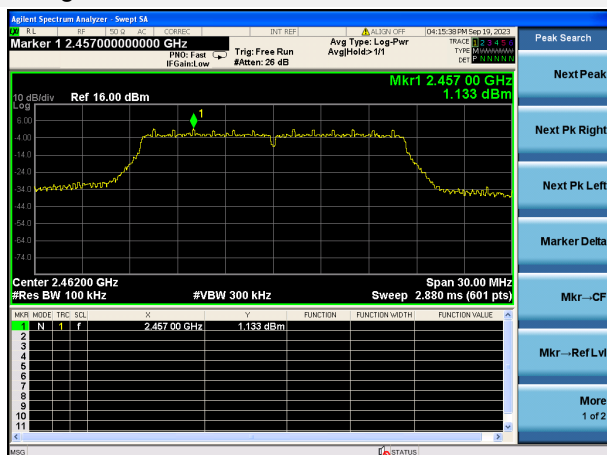
802.11g LOW CHANNEL, CARRIER LEVEL



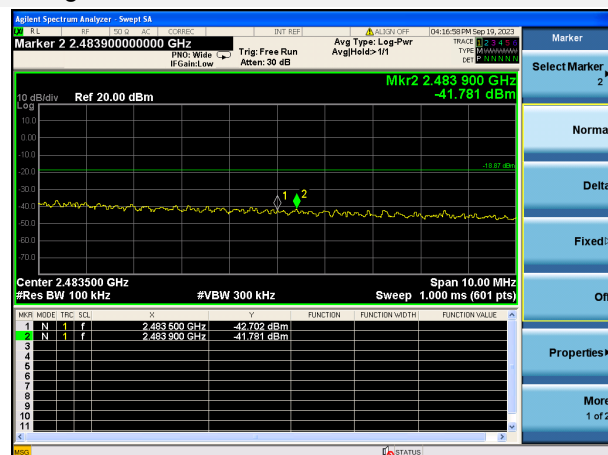
802.11g LOW CHANNEL, BAND EDGE



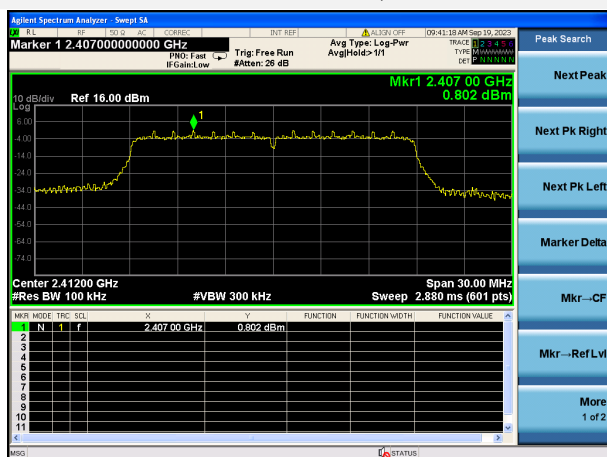
802.11g HIGH CHANNEL, CARRIER LEVEL



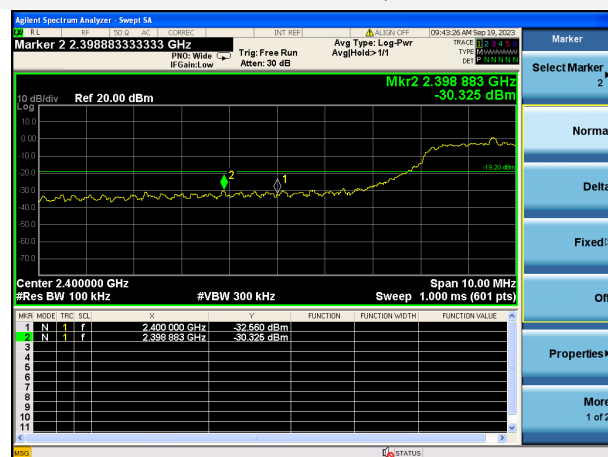
802.11g HIGH CHANNEL, BAND EDGE



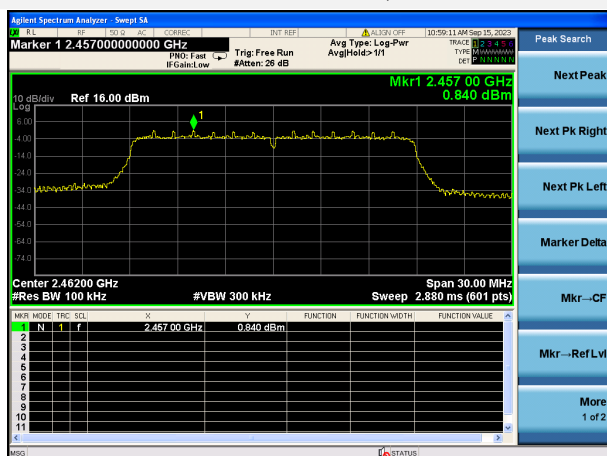
802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



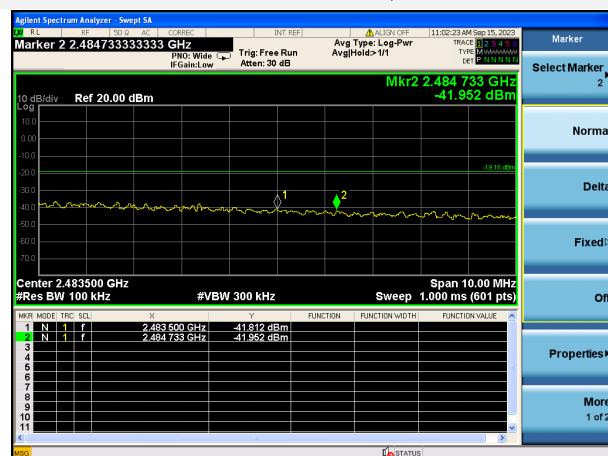
802.11n-20 MHz LOW CHANNEL, BAND EDGE



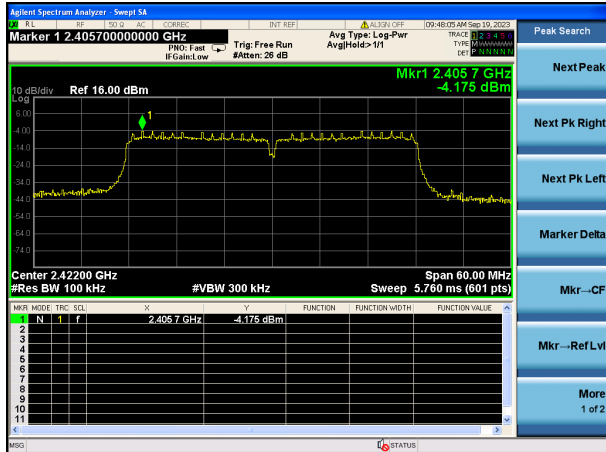
802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



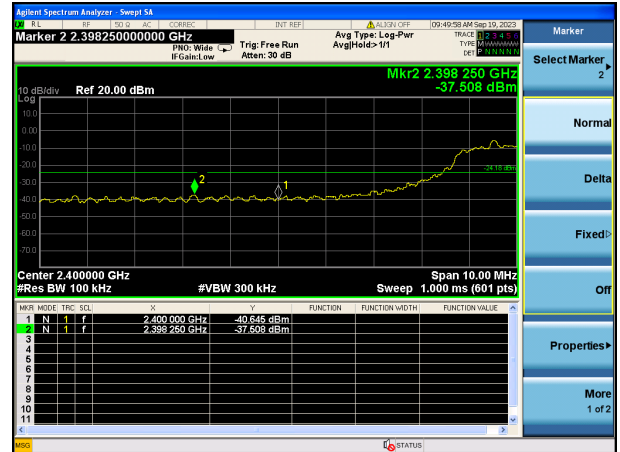
802.11n-20 MHz HIGH CHANNEL, BAND EDGE



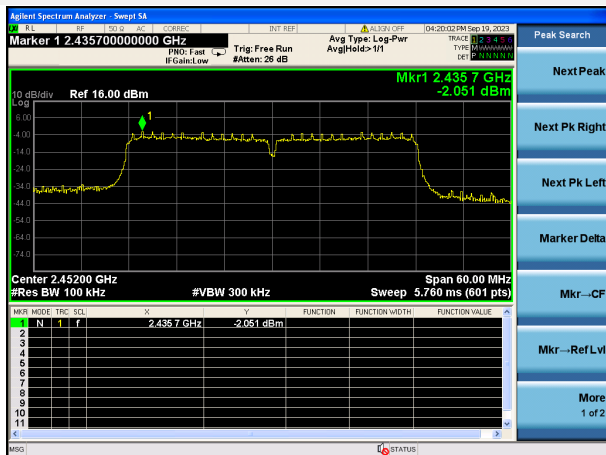
802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL



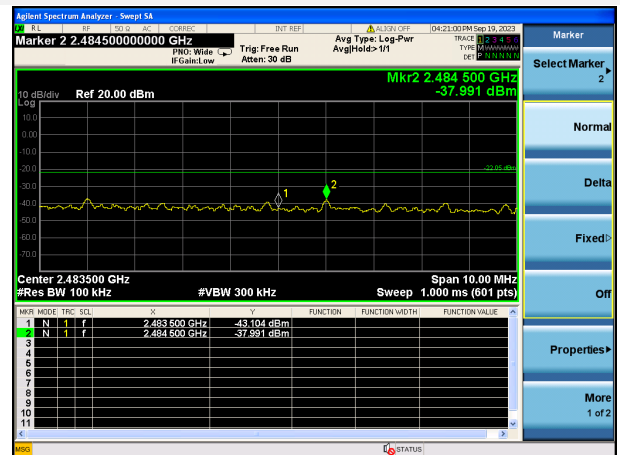
802.11n-40 MHz LOW CHANNEL, BAND EDGE



802.11n-40 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-40 MHz HIGH CHANNEL, BAND EDGE



A.5 Conducted Emissions

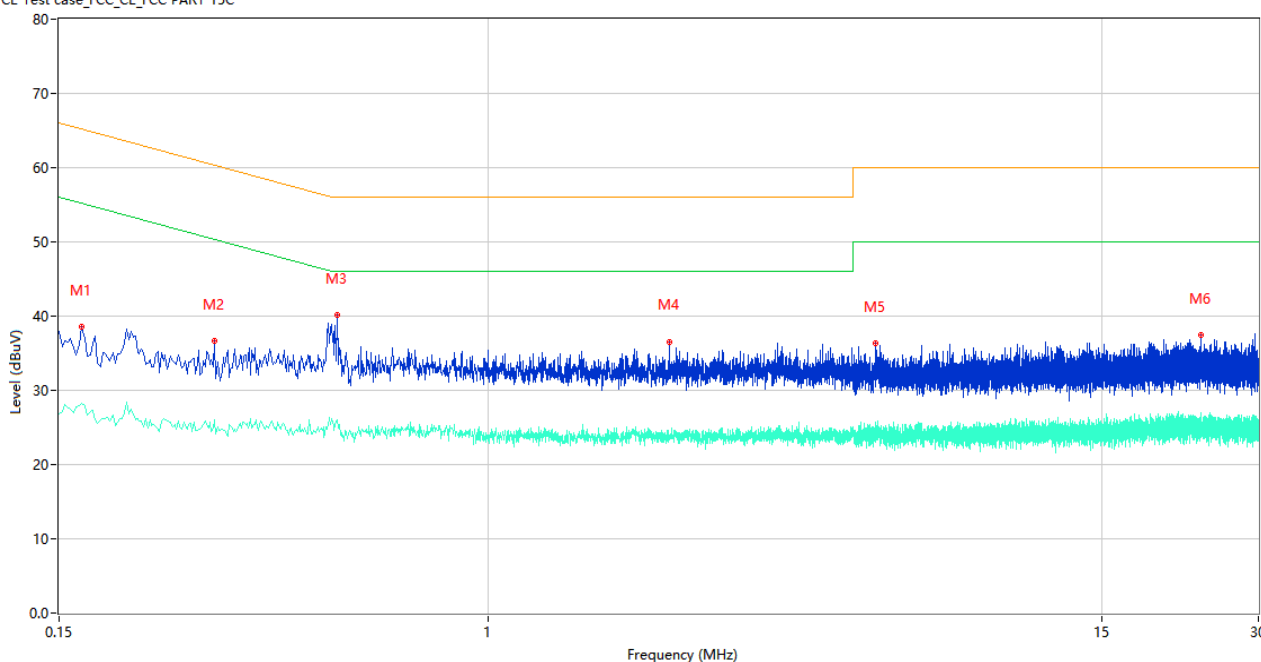
Note ¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

Note ²: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration (120 VAC, 60 Hz) shown here.

Test Data and Plots

PHASE L

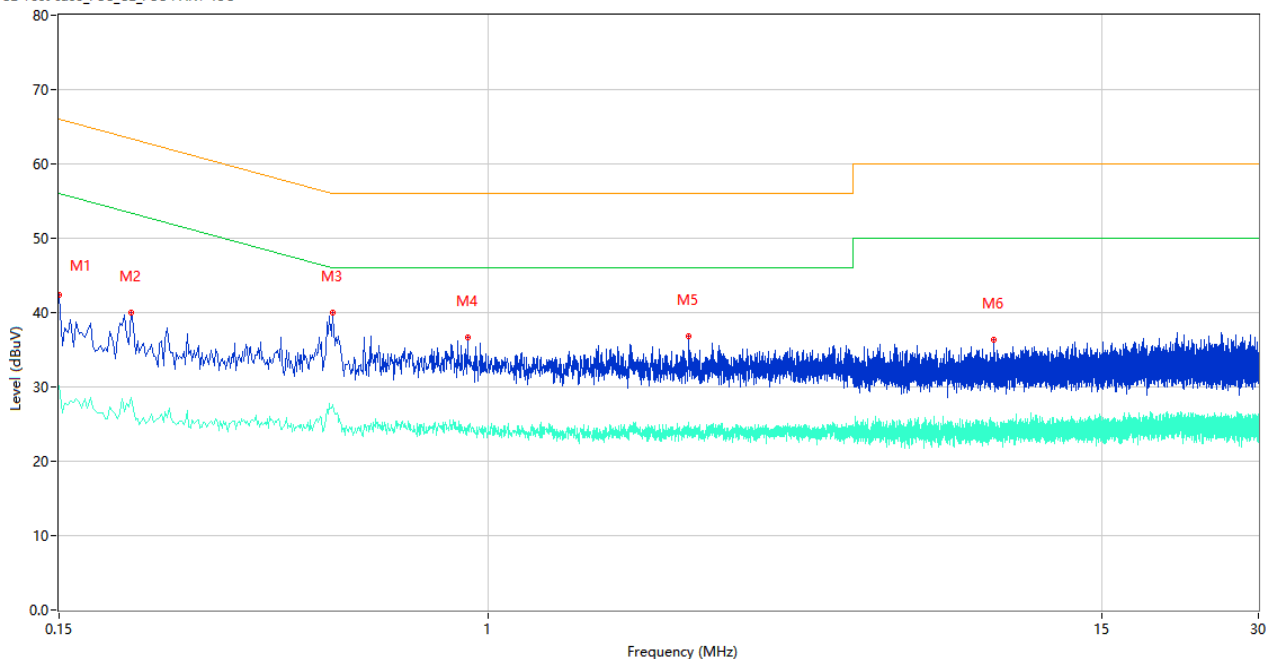
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.166	38.59	9.78	65.16	26.57	Peak	L	Pass
1**	0.166	28.28	9.78	55.16	26.88	AV	L	Pass
2	0.298	36.66	9.76	60.30	23.64	Peak	L	Pass
2**	0.298	26.01	9.76	50.30	24.29	AV	L	Pass
3	0.512	40.08	9.99	56.00	15.92	Peak	L	Pass
3**	0.512	26.05	9.99	46.00	19.95	AV	L	Pass
4	2.224	36.55	10.05	56.00	19.45	Peak	L	Pass
4**	2.224	23.98	10.05	46.00	22.02	AV	L	Pass
5	5.518	36.30	10.44	60.00	23.70	Peak	L	Pass
5**	5.518	23.53	10.44	50.00	26.47	AV	L	Pass
6	23.272	37.40	11.08	60.00	22.60	Peak	L	Pass
6**	23.272	24.54	11.08	50.00	25.46	AV	L	Pass

PHASE N

CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.150	42.37	9.78	66.00	23.63	Peak	N	Pass
1**	0.150	30.08	9.78	56.00	25.92	AV	N	Pass
2	0.206	39.99	9.77	63.37	23.38	Peak	N	Pass
2**	0.206	28.60	9.77	53.37	24.77	AV	N	Pass
3	0.502	39.99	9.99	56.00	16.01	Peak	N	Pass
3**	0.502	27.57	9.99	46.00	18.43	AV	N	Pass
4	0.912	36.60	10.15	56.00	19.40	Peak	N	Pass
4**	0.912	24.45	10.15	46.00	21.55	AV	N	Pass
5	2.420	36.81	10.25	56.00	19.19	Peak	N	Pass
5**	2.420	25.30	10.25	46.00	20.70	AV	N	Pass
6	9.316	36.33	10.32	60.00	23.67	Peak	N	Pass
6**	9.316	24.73	10.32	50.00	25.27	AV	N	Pass

A.6 Radiated Emission

Note¹: The symbol of “--” in the table which means not application.

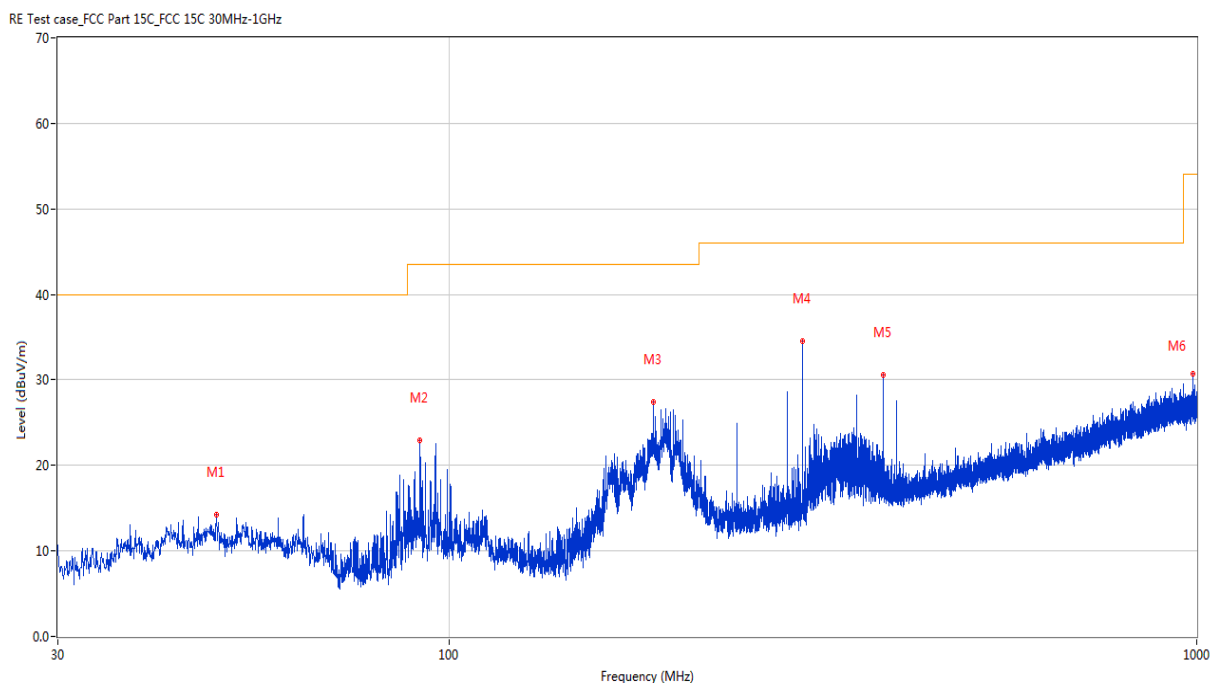
Note²: For the test data above 1 GHz, According the ANSI C63.10-2013, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

Note³: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

Note⁴: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and normal link mode is worst.

Test Data and Plots

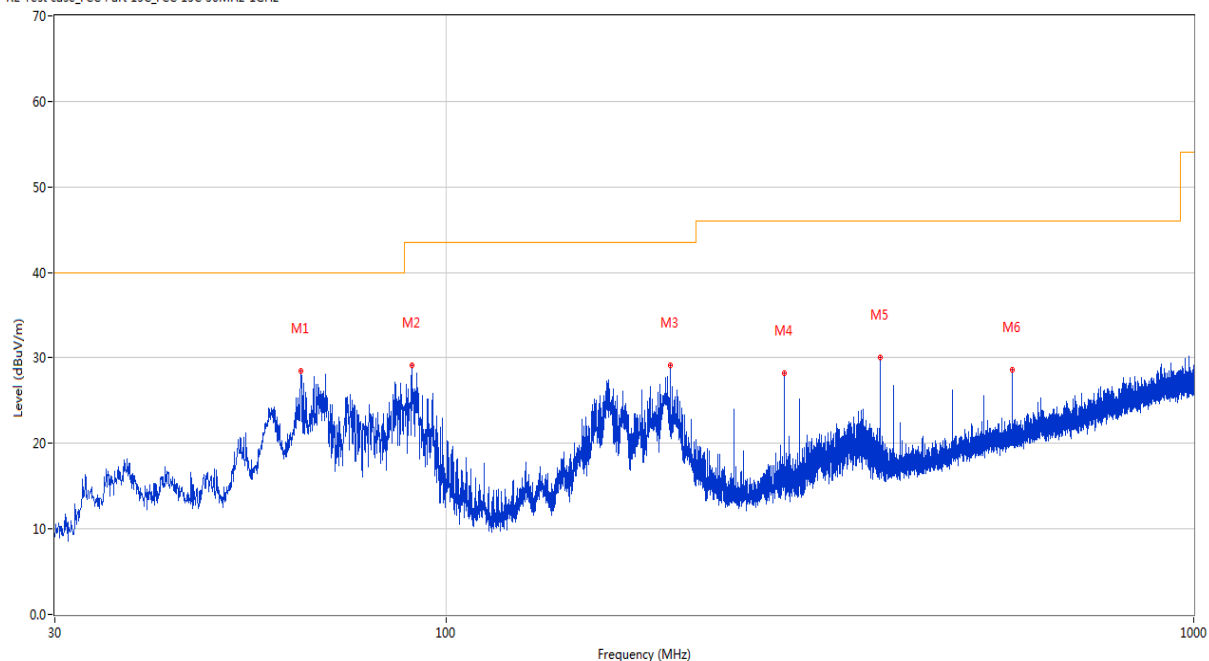
30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	48.867	14.29	-22.46	40.0	25.71	Peak	2.00	100	Horizontal	Pass
2	91.498	22.90	-25.74	43.5	20.60	Peak	361.00	200	Horizontal	Pass
3	187.528	27.40	-25.43	43.5	16.10	Peak	63.90	100	Horizontal	Pass
4	297.041	34.56	-21.53	46.0	11.44	Peak	210.30	100	Horizontal	Pass
5	381.043	30.56	-19.22	46.0	15.44	Peak	239.70	100	Horizontal	Pass
6	989.766	30.72	-8.95	54.0	23.28	Peak	266.20	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

RE Test case_FCC Part 15C_FCC 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	63.998	28.47	-24.93	40.0	11.53	Peak	71.50	100	Vertical	Pass
2	89.994	29.13	-26.13	43.5	14.37	Peak	161.60	100	Vertical	Pass
3	199.508	29.11	-24.12	43.5	14.39	Peak	271.90	100	Vertical	Pass
4	283.655	28.25	-21.93	46.0	17.75	Peak	292.90	200	Vertical	Pass
5	381.043	30.02	-19.22	46.0	15.98	Peak	222.90	200	Vertical	Pass
6	571.551	28.63	-14.85	46.0	17.37	Peak	192.40	100	Vertical	Pass

Note 1: The marked spikes near 2400 MHz with circle should be ignored because they are Fundamental signal.

Note 2: The spurious above 18G is noise only, do not show on the report.

1 GHz to 18 GHz, ANT H 802.11b Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1340.300	42.72	-16.91	74.0	31.28	Peak	216.00	100	Horizontal	Pass
1**	1340.300	32.93	-16.91	54.0	21.07	AV	216.00	100	Horizontal	Pass
2	2410.700	103.54	-10.37	74.0	-29.54	Peak	42.00	150	Horizontal	N/A
2**	2410.700	100.52	-10.37	54.0	-46.52	AV	42.00	150	Horizontal	N/A
3	4824.250	51.96	-3.48	74.0	22.04	Peak	93.00	200	Horizontal	Pass
3**	4824.250	48.27	-3.48	54.0	5.73	AV	93.00	200	Horizontal	Pass
4	7735.250	53.84	-0.10	74.0	20.16	Peak	139.00	400	Horizontal	Pass
4**	7735.250	42.88	-0.10	54.0	11.12	AV	139.00	400	Horizontal	Pass
5	12417.025	51.88	1.08	74.0	22.12	Peak	283.00	100	Horizontal	Pass
5**	12417.025	42.47	1.08	54.0	11.53	AV	283.00	100	Horizontal	Pass
6	16410.037	54.94	3.03	74.0	19.06	Peak	93.00	100	Horizontal	Pass
6**	16410.037	44.26	3.03	54.0	9.74	AV	93.00	100	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11b Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.300	43.80	-17.03	74.0	30.20	Peak	174.00	300	Vertical	Pass
1**	1327.300	32.58	-17.03	54.0	21.42	AV	174.00	300	Vertical	Pass
2	2410.600	103.65	-10.39	74.0	-29.65	Peak	36.00	100	Vertical	N/A
2**	2410.600	100.83	-10.39	54.0	-46.83	AV	36.00	100	Vertical	N/A
3	4824.250	53.48	-3.48	74.0	20.52	Peak	310.00	100	Vertical	Pass
3**	4824.250	50.26	-3.48	54.0	3.74	AV	310.00	100	Vertical	Pass
4	6667.250	53.16	-1.53	74.0	20.84	Peak	102.00	100	Vertical	Pass
4**	6667.250	44.16	-1.53	54.0	9.84	AV	102.00	100	Vertical	Pass
5	12404.200	51.88	1.10	74.0	22.12	Peak	127.00	400	Vertical	Pass
5**	12404.200	43.02	1.10	54.0	10.98	AV	127.00	400	Vertical	Pass
6	17288.364	53.66	2.59	74.0	20.34	Peak	114.00	100	Vertical	Pass
6**	17288.364	45.19	2.59	54.0	8.81	AV	114.00	100	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11b Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1319.400	42.53	-17.09	74.0	31.47	Peak	111.00	200	Horizontal	Pass
1**	1319.400	33.72	-17.09	54.0	20.28	AV	111.00	200	Horizontal	Pass
2	2435.800	101.06	-10.14	74.0	-27.06	Peak	40.00	200	Horizontal	N/A
2**	2435.800	98.17	-10.14	54.0	-44.17	AV	40.00	200	Horizontal	N/A
3	4874.250	50.64	-3.45	74.0	23.36	Peak	261.00	200	Horizontal	Pass
3**	4874.250	48.08	-3.45	54.0	5.92	AV	261.00	200	Horizontal	Pass
4	7775.500	53.09	1.28	74.0	20.91	Peak	241.00	400	Horizontal	Pass
4**	7775.500	43.78	1.28	54.0	10.22	AV	241.00	400	Horizontal	Pass
5	11774.825	52.61	-0.17	74.0	21.39	Peak	154.00	400	Horizontal	Pass
5**	11774.825	42.38	-0.17	54.0	11.62	AV	154.00	400	Horizontal	Pass
6	17492.062	54.32	4.79	74.0	19.68	Peak	266.00	400	Horizontal	Pass
6**	17492.062	44.05	4.79	54.0	9.95	AV	266.00	400	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11b Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.200	43.97	-17.14	74.0	30.03	Peak	125.00	400	Vertical	Pass
1**	1333.200	33.23	-17.14	54.0	20.77	AV	125.00	400	Vertical	Pass
2	2435.800	98.69	-10.14	74.0	-24.69	Peak	69.00	150	Vertical	N/A
2**	2435.800	95.79	-10.14	54.0	-41.79	AV	69.00	150	Vertical	N/A
3	4874.250	52.70	-3.45	74.0	21.30	Peak	304.00	200	Vertical	Pass
3**	4874.250	50.66	-3.45	54.0	3.34	AV	304.00	200	Vertical	Pass
4	7758.750	53.18	1.59	74.0	20.82	Peak	141.00	100	Vertical	Pass
4**	7758.750	45.78	1.59	54.0	8.22	AV	141.00	100	Vertical	Pass
5	12547.174	52.04	1.17	74.0	21.96	Peak	82.00	400	Vertical	Pass
5**	12547.174	42.24	1.17	54.0	11.76	AV	82.00	400	Vertical	Pass
6	16429.199	54.20	2.78	74.0	19.80	Peak	109.00	200	Vertical	Pass
6**	16429.199	44.80	2.78	54.0	9.20	AV	109.00	200	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11b High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1000.100	42.43	-18.33	74.0	31.57	Peak	125.00	300	Horizontal	Pass
1**	1000.100	31.39	-18.33	54.0	22.61	AV	125.00	300	Horizontal	Pass
2	2460.600	97.85	-11.30	74.0	-23.85	Peak	41.00	200	Horizontal	N/A
2**	2460.600	94.87	-11.30	54.0	-40.87	AV	41.00	200	Horizontal	N/A
3	4924.250	51.19	-3.53	74.0	22.81	Peak	95.00	200	Horizontal	Pass
3**	4924.250	47.71	-3.53	54.0	6.29	AV	95.00	200	Horizontal	Pass
4	7232.250	53.44	-0.55	74.0	20.56	Peak	343.00	300	Horizontal	Pass
4**	7232.250	43.22	-0.55	54.0	10.78	AV	343.00	300	Horizontal	Pass
5	12324.400	52.03	0.70	74.0	21.97	Peak	281.00	100	Horizontal	Pass
5**	12324.400	41.26	0.70	54.0	12.74	AV	281.00	100	Horizontal	Pass
6	16426.574	53.93	2.81	74.0	20.07	Peak	177.00	100	Horizontal	Pass
6**	16426.574	45.88	2.81	54.0	8.12	AV	177.00	100	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11b High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1326.900	42.38	-17.21	74.0	31.62	Peak	164.00	200	Vertical	Pass
1**	1326.900	32.96	-17.21	54.0	21.04	AV	164.00	200	Vertical	Pass
2	2460.600	94.31	-11.30	74.0	-20.31	Peak	75.00	100	Vertical	N/A
2**	2460.600	91.41	-11.30	54.0	-37.41	AV	75.00	100	Vertical	N/A
3	4924.250	53.18	-3.53	74.0	20.82	Peak	322.00	100	Vertical	Pass
3**	4924.250	50.93	-3.53	54.0	3.07	AV	322.00	100	Vertical	Pass
4	7929.500	53.72	2.30	74.0	20.28	Peak	46.00	200	Vertical	Pass
4**	7929.500	44.43	2.30	54.0	9.57	AV	46.00	200	Vertical	Pass
5	12417.500	52.60	1.08	74.0	21.40	Peak	118.00	100	Vertical	Pass
5**	12417.500	42.51	1.08	54.0	11.49	AV	118.00	100	Vertical	Pass
6	17479.199	54.41	5.03	74.0	19.59	Peak	134.00	200	Vertical	Pass
6**	17479.199	45.08	5.03	54.0	8.92	AV	134.00	200	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11g Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1571.600	42.33	-17.06	74.0	31.67	Peak	360.00	300	Horizontal	Pass
1**	1571.600	32.28	-17.06	54.0	21.72	AV	360.00	300	Horizontal	Pass
2	2405.000	104.73	-10.26	74.0	-30.73	Peak	40.00	150	Horizontal	N/A
2**	2405.000	97.28	-10.26	54.0	-43.28	AV	40.00	150	Horizontal	N/A
3	4982.000	48.52	-3.43	74.0	25.48	Peak	79.00	150	Horizontal	Pass
3**	4982.000	39.71	-3.43	54.0	14.29	AV	79.00	150	Horizontal	Pass
4	7799.000	53.59	0.65	74.0	20.41	Peak	324.00	400	Horizontal	Pass
4**	7799.000	43.77	0.65	54.0	10.23	AV	324.00	400	Horizontal	Pass
5	11785.037	51.87	-0.16	74.0	22.13	Peak	0.00	400	Horizontal	Pass
5**	11785.037	42.99	-0.16	54.0	11.01	AV	0.00	400	Horizontal	Pass
6	17472.637	54.34	5.15	74.0	19.66	Peak	145.00	400	Horizontal	Pass
6**	17472.637	44.52	5.15	54.0	9.48	AV	145.00	400	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11g Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.500	42.88	-17.12	74.0	31.12	Peak	123.00	100	Vertical	Pass
1**	1332.500	38.00	-17.12	54.0	16.00	AV	123.00	100	Vertical	Pass
2	2404.900	103.69	-10.28	74.0	-29.69	Peak	50.00	200	Vertical	N/A
2**	2404.900	96.29	-10.28	54.0	-42.29	AV	50.00	200	Vertical	N/A
3	4822.000	50.25	-3.56	74.0	23.75	Peak	322.00	100	Vertical	Pass
3**	4822.000	41.08	-3.56	54.0	12.92	AV	322.00	100	Vertical	Pass
4	7495.250	53.20	0.96	74.0	20.80	Peak	261.00	300	Vertical	Pass
4**	7495.250	43.64	0.96	54.0	10.36	AV	261.00	300	Vertical	Pass
5	12419.637	52.46	1.08	74.0	21.54	Peak	300.00	400	Vertical	Pass
5**	12419.637	42.38	1.08	54.0	11.62	AV	300.00	400	Vertical	Pass
6	17466.075	54.24	5.27	74.0	19.76	Peak	327.00	200	Vertical	Pass
6**	17466.075	44.95	5.27	54.0	9.05	AV	327.00	200	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11g Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1575.300	41.98	-16.99	74.0	32.02	Peak	184.00	300	Horizontal	Pass
1**	1575.300	32.83	-16.99	54.0	21.17	AV	184.00	300	Horizontal	Pass
2	2435.700	102.90	-10.15	74.0	-28.90	Peak	29.00	100	Horizontal	N/A
2**	2435.700	96.00	-10.15	54.0	-42.00	AV	29.00	100	Horizontal	N/A
3	4972.250	49.56	-3.49	74.0	24.44	Peak	322.00	200	Horizontal	Pass
3**	4972.250	39.51	-3.49	54.0	14.49	AV	322.00	200	Horizontal	Pass
4	7817.000	53.69	1.06	74.0	20.31	Peak	56.00	300	Horizontal	Pass
4**	7817.000	43.69	1.06	54.0	10.31	AV	56.00	300	Horizontal	Pass
5	12174.537	51.67	0.18	74.0	22.33	Peak	310.00	300	Horizontal	Pass
5**	12174.537	42.63	0.18	54.0	11.37	AV	310.00	300	Horizontal	Pass
6	16401.636	54.36	3.15	74.0	19.64	Peak	275.00	300	Horizontal	Pass
6**	16401.636	45.06	3.15	54.0	8.94	AV	275.00	300	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11g Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.200	43.07	-17.03	74.0	30.93	Peak	159.00	400	Vertical	Pass
1**	1330.200	35.91	-17.03	54.0	18.09	AV	159.00	400	Vertical	Pass
2	2432.200	101.04	-10.51	74.0	-27.04	Peak	69.00	200	Vertical	N/A
2**	2432.200	94.02	-10.51	54.0	-40.02	AV	69.00	200	Vertical	N/A
3	4871.250	51.21	-3.53	74.0	22.79	Peak	303.00	150	Vertical	Pass
3**	4871.250	42.38	-3.53	54.0	11.62	AV	303.00	150	Vertical	Pass
4	7359.250	53.02	0.85	74.0	20.98	Peak	222.00	200	Vertical	Pass
4**	7359.250	43.85	0.85	54.0	10.15	AV	222.00	200	Vertical	Pass
5	12410.849	52.11	1.09	74.0	21.89	Peak	208.00	200	Vertical	Pass
5**	12410.849	42.67	1.09	54.0	11.33	AV	208.00	200	Vertical	Pass
6	16400.325	53.64	3.16	74.0	20.36	Peak	327.00	100	Vertical	Pass
6**	16400.325	44.14	3.16	54.0	9.86	AV	327.00	100	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11g High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1572.700	42.04	-16.96	74.0	31.96	Peak	98.00	400	Horizontal	Pass
1**	1572.700	33.06	-16.96	54.0	20.94	AV	98.00	400	Horizontal	Pass
2	2456.800	101.11	-10.94	74.0	-27.11	Peak	25.00	200	Horizontal	N/A
2**	2456.800	94.03	-10.94	54.0	-40.03	AV	25.00	200	Horizontal	N/A
3	4925.000	50.24	-3.56	74.0	23.76	Peak	281.00	150	Horizontal	Pass
3**	4925.000	41.33	-3.56	54.0	12.67	AV	281.00	150	Horizontal	Pass
4	7313.000	53.14	0.70	74.0	20.86	Peak	98.00	100	Horizontal	Pass
4**	7313.000	43.96	0.70	54.0	10.04	AV	98.00	100	Horizontal	Pass
5	12536.724	52.35	1.23	74.0	21.65	Peak	239.00	400	Horizontal	Pass
5**	12536.724	42.52	1.23	54.0	11.48	AV	239.00	400	Horizontal	Pass
6	16883.324	54.11	3.00	74.0	19.89	Peak	5.00	300	Horizontal	Pass
6**	16883.324	44.46	3.00	54.0	9.54	AV	5.00	300	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11g High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.500	42.52	-17.12	74.0	31.48	Peak	115.00	400	Vertical	Pass
1**	1332.500	33.99	-17.12	54.0	20.01	AV	115.00	400	Vertical	Pass
2	2456.700	98.09	-10.88	74.0	-24.09	Peak	52.00	100	Vertical	N/A
2**	2456.700	90.80	-10.88	54.0	-36.80	AV	52.00	100	Vertical	N/A
3	4922.750	52.94	-3.34	74.0	21.06	Peak	303.00	100	Vertical	Pass
3**	4922.750	44.66	-3.34	54.0	9.34	AV	303.00	100	Vertical	Pass
4	7490.000	53.21	1.37	74.0	20.79	Peak	263.00	400	Vertical	Pass
4**	7490.000	43.49	1.37	54.0	10.51	AV	263.00	400	Vertical	Pass
5	11789.550	52.43	-0.16	74.0	21.57	Peak	17.00	100	Vertical	Pass
5**	11789.550	43.03	-0.16	54.0	10.97	AV	17.00	100	Vertical	Pass
6	16408.199	54.26	3.06	74.0	19.74	Peak	325.00	300	Vertical	Pass
6**	16408.199	45.29	3.06	54.0	8.71	AV	325.00	300	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11n20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1562.100	42.46	-17.18	74.0	31.54	Peak	339.00	200	Horizontal	Pass
1**	1562.100	32.82	-17.18	54.0	21.18	AV	339.00	200	Horizontal	Pass
2	2405.300	104.63	-10.21	74.0	-30.63	Peak	40.00	200	Horizontal	N/A
2**	2405.300	97.00	-10.21	54.0	-43.00	AV	40.00	200	Horizontal	N/A
3	4845.000	49.02	-3.67	74.0	24.98	Peak	57.00	200	Horizontal	Pass
3**	4845.000	40.18	-3.67	54.0	13.82	AV	57.00	200	Horizontal	Pass
4	7758.750	52.81	1.59	74.0	21.19	Peak	118.00	200	Horizontal	Pass
4**	7758.750	44.29	1.59	54.0	9.71	AV	118.00	200	Horizontal	Pass
5	12388.287	52.81	1.05	74.0	21.19	Peak	164.00	200	Horizontal	Pass
5**	12388.287	42.05	1.05	54.0	11.95	AV	164.00	200	Horizontal	Pass
6	16421.588	55.42	2.88	74.0	18.58	Peak	360.00	400	Horizontal	Pass
6**	16421.588	45.71	2.88	54.0	8.29	AV	360.00	400	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11n20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1580.600	42.26	-17.15	74.0	31.74	Peak	42.00	200	Vertical	Pass
1**	1580.600	32.74	-17.15	54.0	21.26	AV	42.00	200	Vertical	Pass
2	2406.600	103.40	-10.56	74.0	-29.40	Peak	50.00	100	Vertical	N/A
2**	2406.600	95.60	-10.56	54.0	-41.60	AV	50.00	100	Vertical	N/A
3	4819.500	50.81	-3.55	74.0	23.19	Peak	321.00	100	Vertical	Pass
3**	4819.500	41.22	-3.55	54.0	12.78	AV	321.00	100	Vertical	Pass
4	7486.250	52.68	1.40	74.0	21.32	Peak	34.00	300	Vertical	Pass
4**	7486.250	44.63	1.40	54.0	9.37	AV	34.00	300	Vertical	Pass
5	12525.799	52.37	1.29	74.0	21.63	Peak	25.00	300	Vertical	Pass
5**	12525.799	43.08	1.29	54.0	10.92	AV	25.00	300	Vertical	Pass
6	16415.813	54.16	2.96	74.0	19.84	Peak	144.00	300	Vertical	Pass
6**	16415.813	45.91	2.96	54.0	8.09	AV	144.00	300	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11n20 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1492.100	42.25	-17.19	74.0	31.75	Peak	171.00	300	Horizontal	Pass
1**	1492.100	32.12	-17.19	54.0	21.88	AV	171.00	300	Horizontal	Pass
2	2434.200	103.41	-10.40	74.0	-29.41	Peak	32.00	200	Horizontal	N/A
2**	2434.200	95.75	-10.40	54.0	-41.75	AV	32.00	200	Horizontal	N/A
3	4875.500	50.14	-3.49	74.0	23.86	Peak	266.00	100	Horizontal	Pass
3**	4875.500	42.21	-3.49	54.0	11.79	AV	266.00	100	Horizontal	Pass
4	7485.000	53.14	1.23	74.0	20.86	Peak	77.00	200	Horizontal	Pass
4**	7485.000	43.54	1.23	54.0	10.46	AV	77.00	200	Horizontal	Pass
5	11781.713	51.88	-0.16	74.0	22.12	Peak	127.00	400	Horizontal	Pass
5**	11781.713	42.79	-0.16	54.0	11.21	AV	127.00	400	Horizontal	Pass
6	16419.750	53.86	2.90	74.0	20.14	Peak	223.00	300	Horizontal	Pass
6**	16419.750	45.23	2.90	54.0	8.77	AV	223.00	300	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11n20 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.600	43.56	-16.92	74.0	30.44	Peak	116.00	400	Vertical	Pass
1**	1331.600	34.41	-16.92	54.0	19.59	AV	116.00	400	Vertical	Pass
2	2429.800	101.95	-10.59	74.0	-27.95	Peak	62.00	200	Vertical	N/A
2**	2429.800	94.10	-10.59	54.0	-40.10	AV	62.00	200	Vertical	N/A
3	4874.500	51.04	-3.42	74.0	22.96	Peak	97.00	200	Vertical	Pass
3**	4874.500	44.43	-3.42	54.0	9.57	AV	97.00	200	Vertical	Pass
4	7757.250	52.66	1.46	74.0	21.34	Peak	77.00	200	Vertical	Pass
4**	7757.250	44.30	1.46	54.0	9.70	AV	77.00	200	Vertical	Pass
5	12801.713	52.22	0.94	74.0	21.78	Peak	149.00	400	Vertical	Pass
5**	12801.713	42.42	0.94	54.0	11.58	AV	149.00	400	Vertical	Pass
6	17310.151	53.66	2.73	74.0	20.34	Peak	103.00	200	Vertical	Pass
6**	17310.151	43.64	2.73	54.0	10.36	AV	103.00	200	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11n20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1592.200	42.85	-16.94	74.0	31.15	Peak	337.00	100	Horizontal	Pass
1**	1592.200	33.01	-16.94	54.0	20.99	AV	337.00	100	Horizontal	Pass
2	2456.200	100.47	-10.89	74.0	-26.47	Peak	32.00	150	Horizontal	N/A
2**	2456.200	93.42	-10.89	54.0	-39.42	AV	32.00	150	Horizontal	N/A
3	4929.750	51.19	-3.52	74.0	22.81	Peak	278.00	200	Horizontal	Pass
3**	4929.750	41.05	-3.52	54.0	12.95	AV	278.00	200	Horizontal	Pass
4	7484.250	53.52	1.00	74.0	20.48	Peak	77.00	100	Horizontal	Pass
4**	7484.250	43.20	1.00	54.0	10.80	AV	77.00	100	Horizontal	Pass
5	12422.963	51.84	1.08	74.0	22.16	Peak	122.00	400	Horizontal	Pass
5**	12422.963	41.98	1.08	54.0	12.02	AV	122.00	400	Horizontal	Pass
6	16701.676	54.59	2.99	74.0	19.41	Peak	296.00	400	Horizontal	Pass
6**	16701.676	44.33	2.99	54.0	9.67	AV	296.00	400	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11n20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.500	44.08	-17.06	74.0	29.92	Peak	173.00	300	Vertical	Pass
1**	1333.500	31.98	-17.06	54.0	22.02	AV	173.00	300	Vertical	Pass
2	2457.400	97.88	-11.12	74.0	-23.88	Peak	64.00	100	Vertical	N/A
2**	2457.400	90.69	-11.12	54.0	-36.69	AV	64.00	100	Vertical	N/A
3	4917.500	53.11	-3.61	74.0	20.89	Peak	341.00	200	Vertical	Pass
3**	4917.500	44.60	-3.61	54.0	9.40	AV	341.00	200	Vertical	Pass
4	7763.000	53.38	1.38	74.0	20.62	Peak	279.00	300	Vertical	Pass
4**	7763.000	43.71	1.38	54.0	10.29	AV	279.00	300	Vertical	Pass
5	12402.300	52.40	1.10	74.0	21.60	Peak	36.00	200	Vertical	Pass
5**	12402.300	42.36	1.10	54.0	11.64	AV	36.00	200	Vertical	Pass
6	17287.838	54.50	2.59	74.0	19.50	Peak	87.00	400	Vertical	Pass
6**	17287.838	45.99	2.59	54.0	8.01	AV	87.00	400	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11n40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1563.000	42.19	-17.33	74.0	31.81	Peak	319.00	400	Horizontal	Pass
1**	1563.000	32.67	-17.33	54.0	21.33	AV	319.00	400	Horizontal	Pass
2	2408.600	101.53	-10.38	74.0	-27.53	Peak	31.00	150	Horizontal	N/A
2**	2408.600	93.84	-10.38	54.0	-39.84	AV	31.00	150	Horizontal	N/A
3	4931.500	49.50	-3.59	74.0	24.50	Peak	177.00	200	Horizontal	Pass
3**	4931.500	39.21	-3.59	54.0	14.79	AV	177.00	200	Horizontal	Pass
4	7490.250	52.73	1.43	74.0	21.27	Peak	16.00	100	Horizontal	Pass
4**	7490.250	44.41	1.43	54.0	9.59	AV	16.00	100	Horizontal	Pass
5	12323.687	51.85	0.69	74.0	22.15	Peak	212.00	400	Horizontal	Pass
5**	12323.687	43.14	0.69	54.0	10.86	AV	212.00	400	Horizontal	Pass
6	16414.239	54.56	2.98	74.0	19.44	Peak	184.00	200	Horizontal	Pass
6**	16414.239	45.22	2.98	54.0	8.78	AV	184.00	200	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11n40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.200	44.49	-17.07	74.0	29.51	Peak	164.00	300	Vertical	Pass
1**	1327.200	32.57	-17.07	54.0	21.43	AV	164.00	300	Vertical	Pass
2	2406.900	100.01	-10.48	74.0	-26.01	Peak	66.00	200	Vertical	N/A
2**	2406.900	92.25	-10.48	54.0	-38.25	AV	66.00	200	Vertical	N/A
3	4848.000	48.99	-3.67	74.0	25.01	Peak	75.00	150	Vertical	Pass
3**	4848.000	40.47	-3.67	54.0	13.53	AV	75.00	150	Vertical	Pass
4	7644.750	53.09	0.89	74.0	20.91	Peak	218.00	100	Vertical	Pass
4**	7644.750	42.86	0.89	54.0	11.14	AV	218.00	100	Vertical	Pass
5	11786.463	52.31	-0.16	74.0	21.69	Peak	61.00	100	Vertical	Pass
5**	11786.463	42.60	-0.16	54.0	11.40	AV	61.00	100	Vertical	Pass
6	17324.325	54.13	2.86	74.0	19.87	Peak	323.00	400	Vertical	Pass
6**	17324.325	44.24	2.86	54.0	9.76	AV	323.00	400	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11n40 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1552.700	42.45	-17.30	74.0	31.55	Peak	70.00	100	Horizontal	Pass
1**	1552.700	32.70	-17.30	54.0	21.30	AV	70.00	100	Horizontal	Pass
2	2421.900	100.37	-10.22	74.0	-26.37	Peak	24.00	100	Horizontal	N/A
2**	2421.900	93.16	-10.22	54.0	-39.16	AV	24.00	100	Horizontal	N/A
3	4983.500	48.96	-3.37	74.0	25.04	Peak	198.00	150	Horizontal	Pass
3**	4983.500	40.56	-3.37	54.0	13.44	AV	198.00	150	Horizontal	Pass
4	7802.500	53.45	0.88	74.0	20.55	Peak	57.00	100	Horizontal	Pass
4**	7802.500	43.30	0.88	54.0	10.70	AV	57.00	100	Horizontal	Pass
5	11761.050	51.92	-0.18	74.0	22.08	Peak	0.00	100	Horizontal	Pass
5**	11761.050	41.73	-0.18	54.0	12.27	AV	0.00	100	Horizontal	Pass
6	16164.600	54.08	2.05	74.0	19.92	Peak	77.00	400	Horizontal	Pass
6**	16164.600	45.03	2.05	54.0	8.97	AV	77.00	400	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11n40 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.300	44.39	-17.11	74.0	29.61	Peak	158.00	300	Vertical	Pass
1**	1333.300	32.59	-17.11	54.0	21.41	AV	158.00	300	Vertical	Pass
2	2423.100	98.91	-10.30	74.0	-24.91	Peak	66.00	150	Vertical	N/A
2**	2423.100	90.95	-10.30	54.0	-36.95	AV	66.00	150	Vertical	N/A
3	4868.750	48.80	-3.39	74.0	25.20	Peak	238.00	100	Vertical	Pass
3**	4868.750	41.48	-3.39	54.0	12.52	AV	238.00	100	Vertical	Pass
4	7750.250	53.37	-0.08	74.0	20.63	Peak	360.00	400	Vertical	Pass
4**	7750.250	42.67	-0.08	54.0	11.33	AV	360.00	400	Vertical	Pass
5	12400.638	52.16	1.11	74.0	21.84	Peak	234.00	300	Vertical	Pass
5**	12400.638	42.47	1.11	54.0	11.53	AV	234.00	300	Vertical	Pass
6	16426.574	54.24	2.81	74.0	19.76	Peak	116.00	100	Vertical	Pass
6**	16426.574	44.84	2.81	54.0	9.16	AV	116.00	100	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11n40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1468.900	42.56	-17.15	74.0	31.44	Peak	78.00	100	Horizontal	Pass
1**	1468.900	32.71	-17.15	54.0	21.29	AV	78.00	100	Horizontal	Pass
2	2436.200	99.54	-10.21	74.0	-25.54	Peak	32.00	150	Horizontal	N/A
2**	2436.200	91.97	-10.21	54.0	-37.97	AV	32.00	150	Horizontal	N/A
3	4918.000	49.17	-3.79	74.0	24.83	Peak	281.00	100	Horizontal	Pass
3**	4918.000	39.12	-3.79	54.0	14.88	AV	281.00	100	Horizontal	Pass
4	7767.750	52.55	1.80	74.0	21.45	Peak	157.00	400	Horizontal	Pass
4**	7767.750	43.89	1.80	54.0	10.11	AV	157.00	400	Horizontal	Pass
5	12392.325	51.70	1.07	74.0	22.30	Peak	29.00	300	Horizontal	Pass
5**	12392.325	43.22	1.07	54.0	10.78	AV	29.00	300	Horizontal	Pass
6	16406.625	54.00	3.08	74.0	20.00	Peak	118.00	100	Horizontal	Pass
6**	16406.625	45.65	3.08	54.0	8.35	AV	118.00	100	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11n40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.100	43.50	-17.17	74.0	30.50	Peak	168.00	100	Vertical	Pass
1**	1333.100	36.44	-17.17	54.0	17.56	AV	168.00	100	Vertical	Pass
2	2436.900	97.12	-10.42	74.0	-23.12	Peak	59.00	200	Vertical	N/A
2**	2436.900	89.50	-10.42	54.0	-35.50	AV	59.00	200	Vertical	N/A
3	4909.250	50.31	-3.32	74.0	23.69	Peak	338.00	100	Vertical	Pass
3**	4909.250	40.83	-3.32	54.0	13.17	AV	338.00	100	Vertical	Pass
4	7743.250	53.07	0.06	74.0	20.93	Peak	177.00	400	Vertical	Pass
4**	7743.250	44.10	0.06	54.0	9.90	AV	177.00	400	Vertical	Pass
5	12383.300	51.72	1.02	74.0	22.28	Peak	56.00	400	Vertical	Pass
5**	12383.300	42.02	1.02	54.0	11.98	AV	56.00	400	Vertical	Pass
6	16165.913	53.93	2.04	74.0	20.07	Peak	189.00	400	Vertical	Pass
6**	16165.913	45.63	2.04	54.0	8.37	AV	189.00	400	Vertical	Pass

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

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.

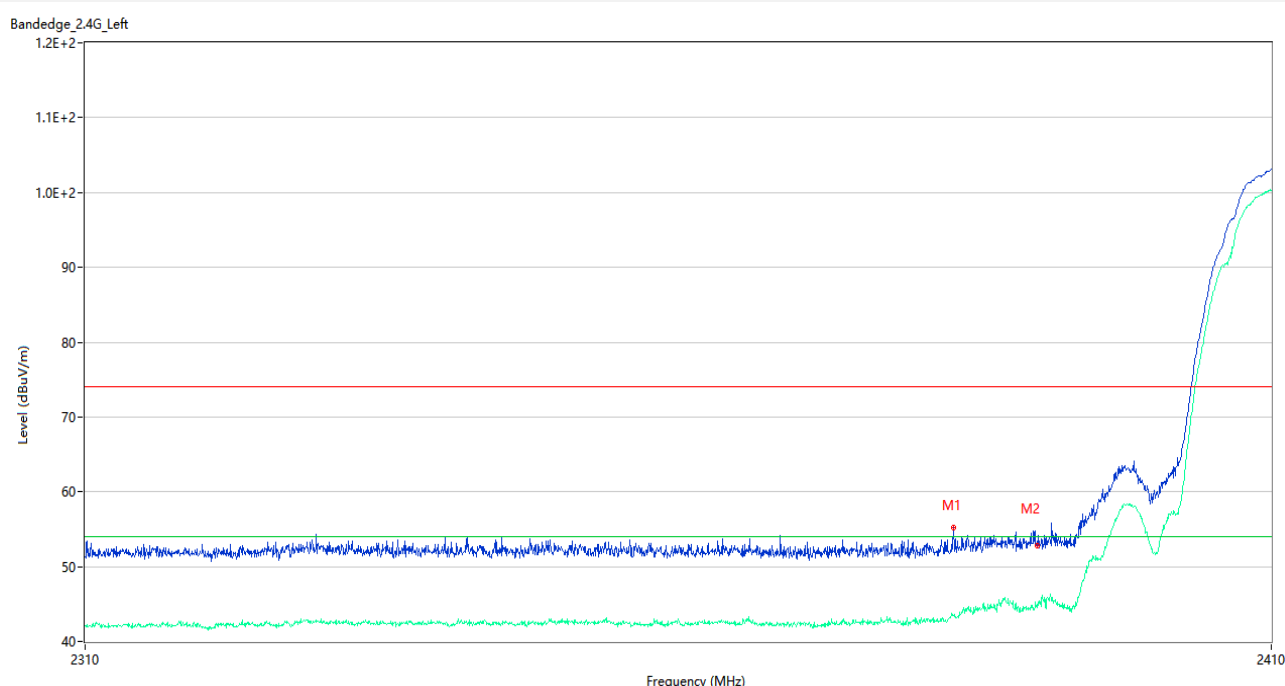
Note ²: The test data all are tested in the vertical and horizontal antenna which the trace is max hold. So these plots have shown the worst case.

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.

Note ⁴: All the configurations were pre tested, only the worst configuration has been reported in this report.

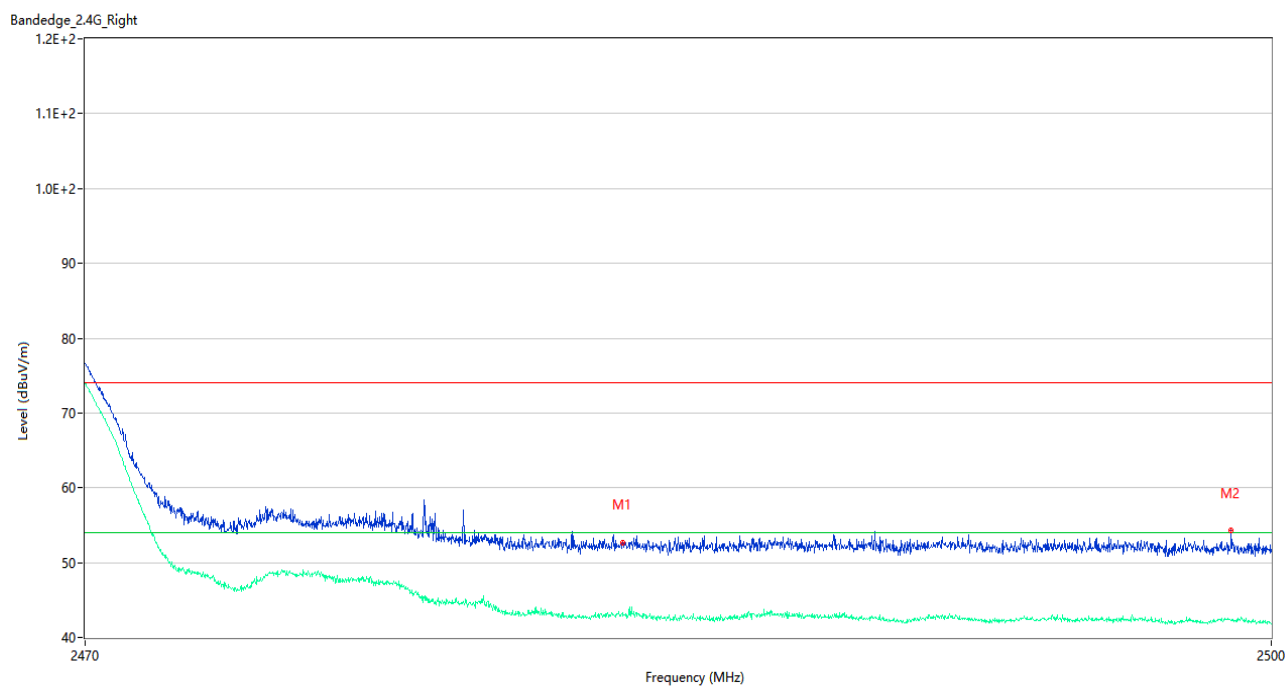
Test Data and Plots

802.11b LOW CHANNEL



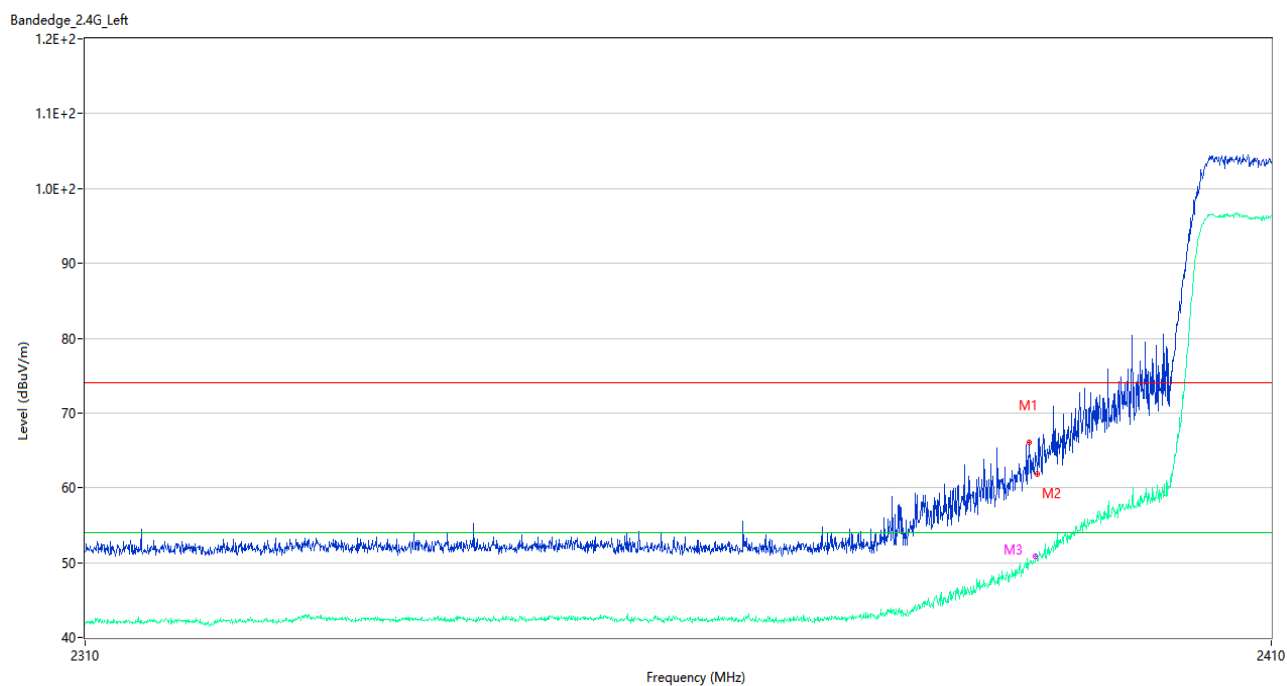
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2382.800	55.22	-1.38	74.0	18.78	Peak	31.00	100	Horizontal	Pass
1**	2382.800	43.53	-1.38	54.0	10.47	AV	31.00	100	Horizontal	Pass
2	2389.950	52.83	-1.82	74.0	21.17	Peak	52.00	150	Horizontal	Pass
2**	2389.950	44.60	-1.82	54.0	9.40	AV	52.00	150	Horizontal	Pass

802.11b HIGH CHANNEL



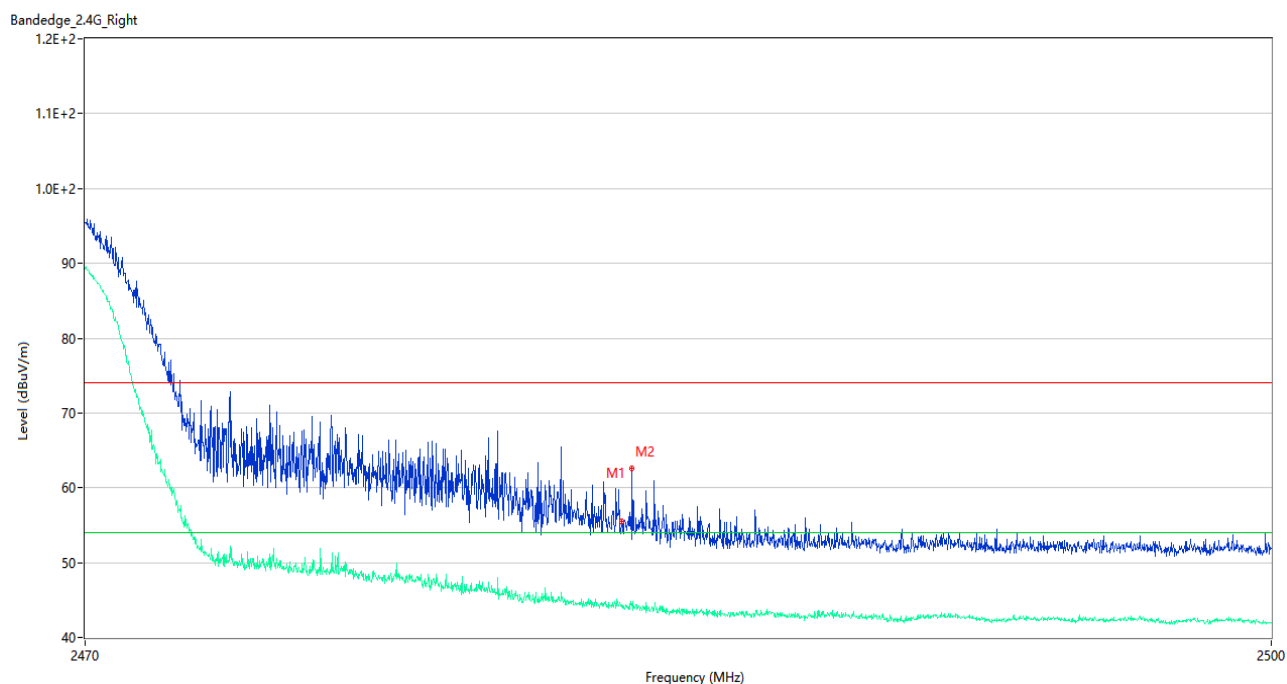
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.545	52.72	-1.09	74.0	21.28	Peak	42.00	200	Horizontal	Pass
1**	2483.545	43.32	-1.09	54.0	10.68	AV	42.00	200	Horizontal	Pass
2	2498.980	54.25	-0.89	74.0	19.75	Peak	320.00	200	Horizontal	Pass
2**	2498.980	42.30	-0.89	54.0	11.70	AV	320.00	200	Horizontal	Pass

802.11g LOW CHANNEL



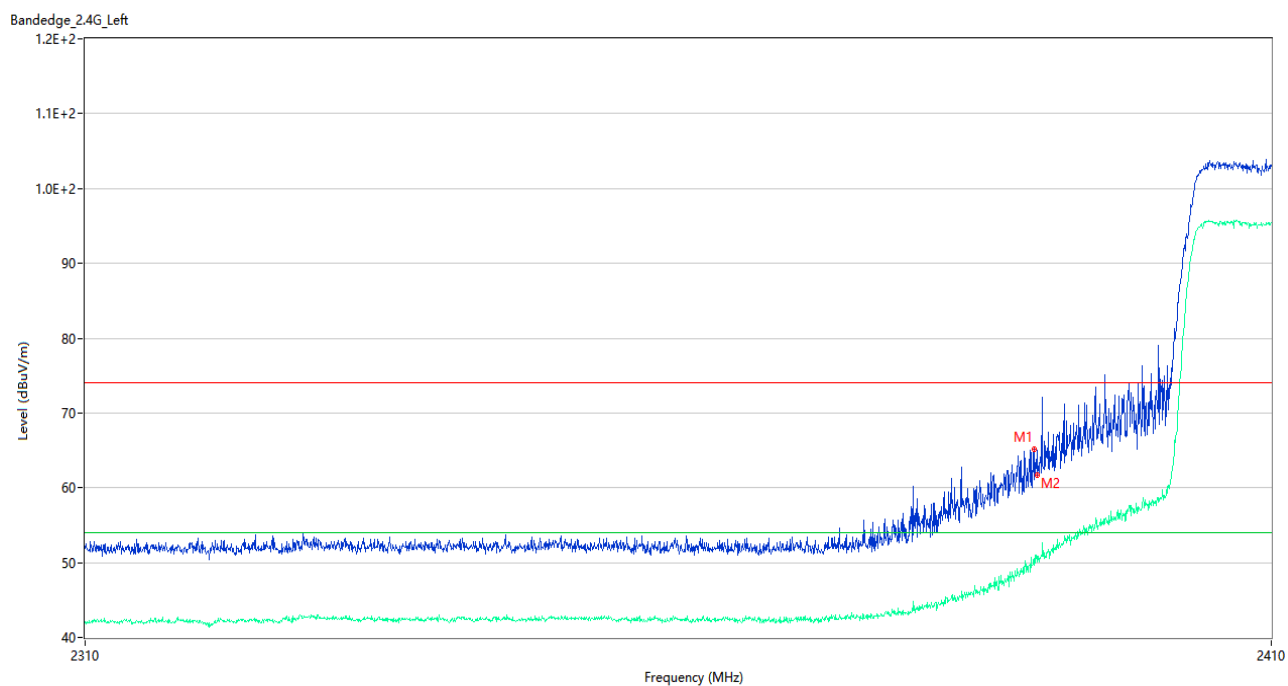
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.250	66.06	-1.85	74.0	7.94	Peak	27.00	200	Horizontal	Pass
1**	2389.250	49.81	-1.85	54.0	4.19	AV	27.00	200	Horizontal	Pass
2	2389.950	61.89	-1.82	74.0	12.11	Peak	27.00	200	Horizontal	Pass
2**	2389.950	50.30	-1.82	54.0	3.70	AV	27.00	200	Horizontal	Pass
3	2389.800	64.67	-1.78	74.0	9.33	Peak	34.00	150	Horizontal	Pass
3**	2389.800	50.86	-1.78	54.0	3.14	AV	34.00	150	Horizontal	Pass

802.11g HIGH CHANNEL



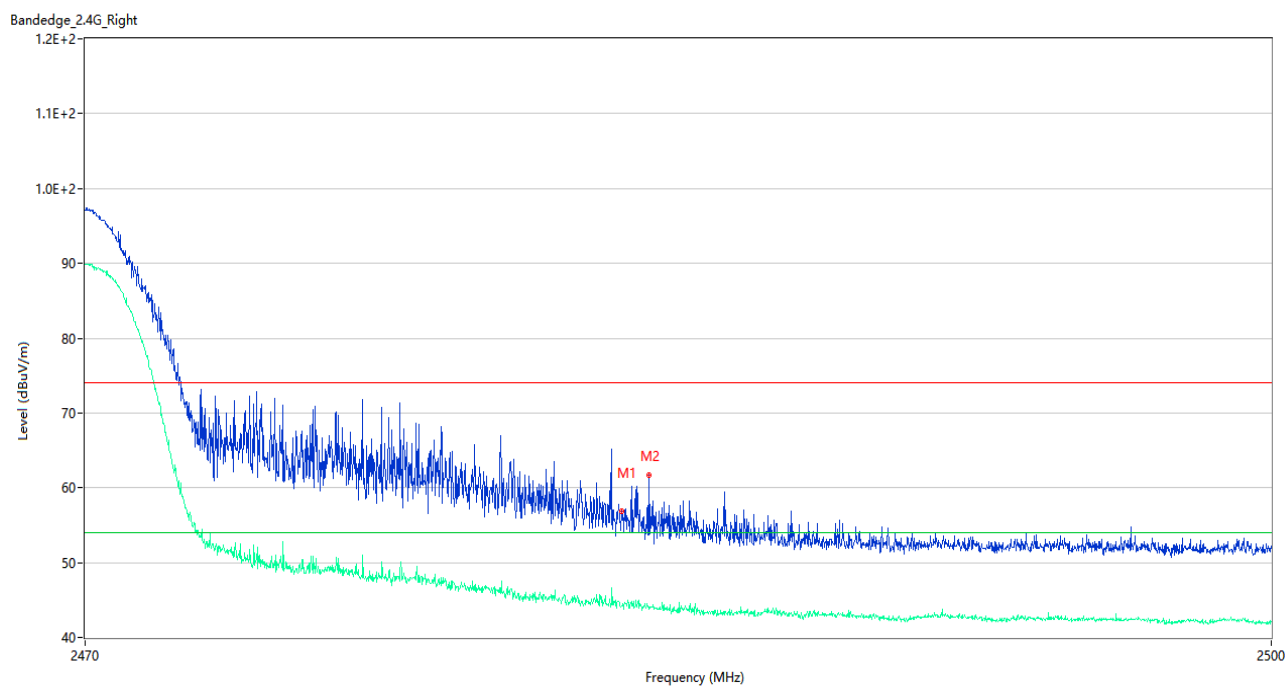
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.515	55.52	-1.10	74.0	18.48	Peak	22.00	200	Horizontal	Pass
1**	2483.515	44.01	-1.10	54.0	9.99	AV	22.00	200	Horizontal	Pass
2	2483.785	62.59	-1.05	74.0	11.41	Peak	36.00	150	Horizontal	Pass
2**	2483.785	44.44	-1.05	54.0	9.56	AV	36.00	150	Horizontal	Pass

802.11n20 LOW CHANNEL



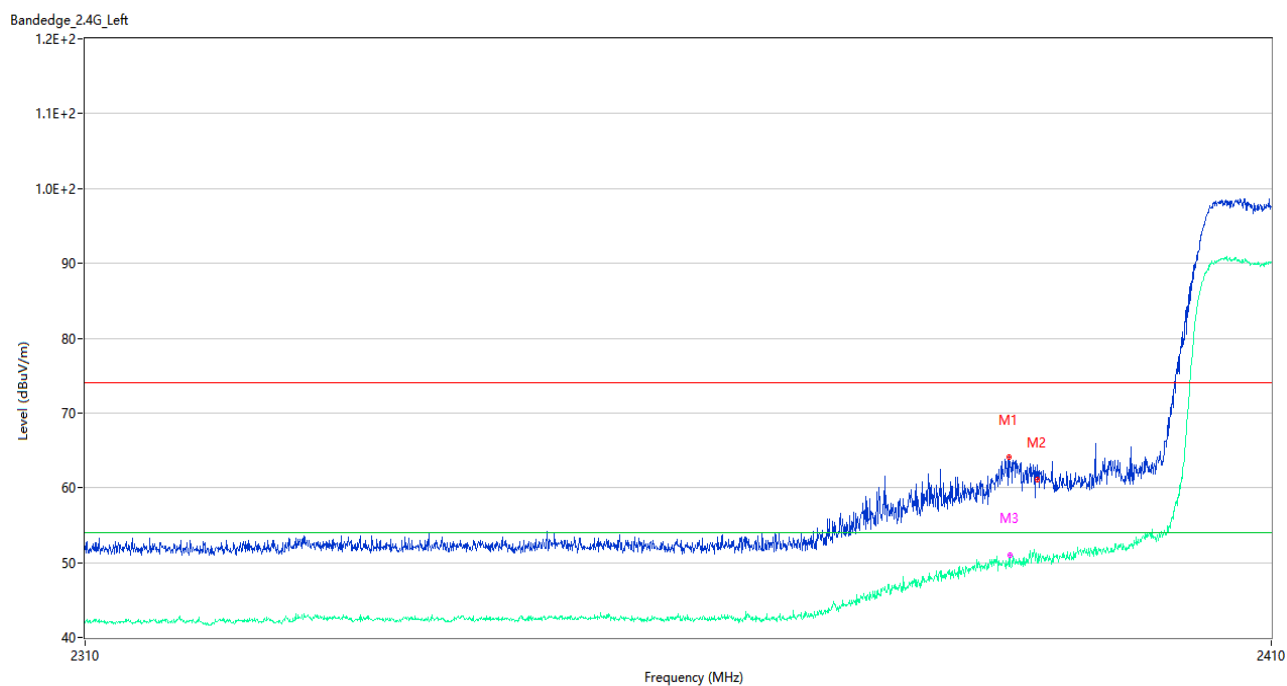
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.700	65.15	-1.76	74.0	8.85	Peak	27.00	200	Horizontal	Pass
1**	2389.700	49.66	-1.76	54.0	4.34	AV	27.00	200	Horizontal	Pass
2	2389.950	61.72	-1.82	74.0	12.28	Peak	0.00	100	Horizontal	Pass
2**	2389.950	50.90	-1.82	54.0	3.10	AV	0.00	100	Horizontal	Pass

802.11n20 HIGH CHANNEL



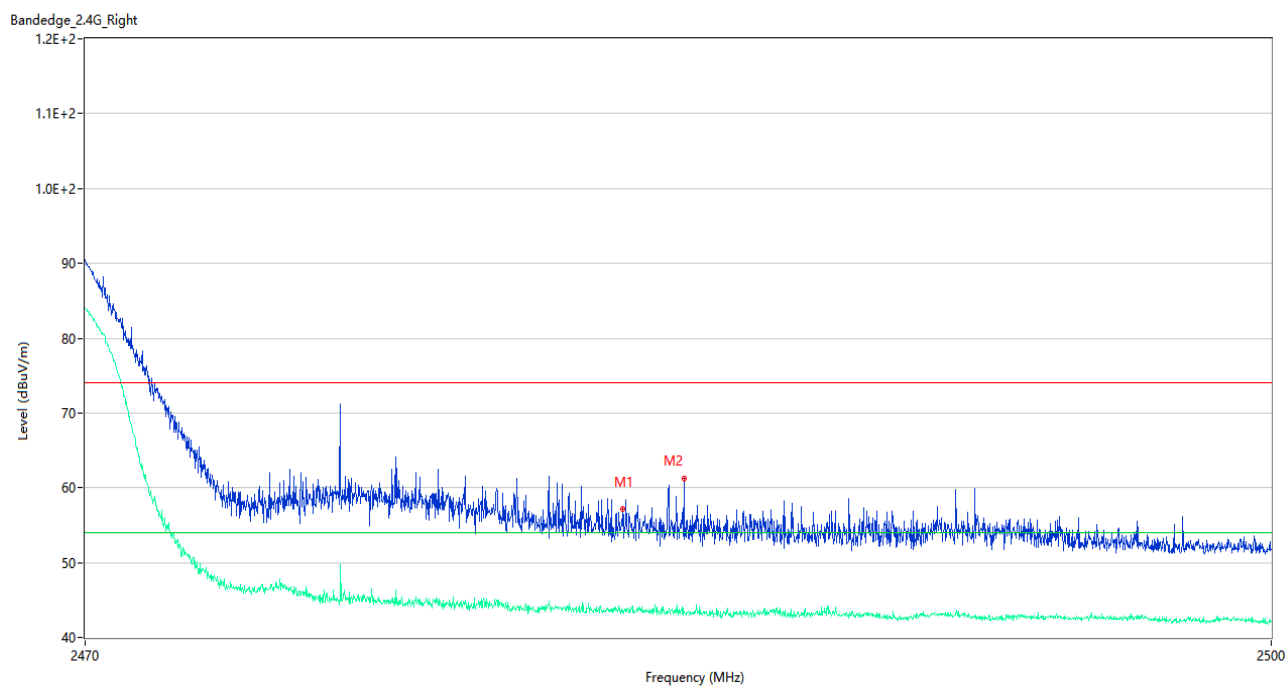
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.515	56.86	-1.10	74.0	17.14	Peak	40.00	150	Horizontal	Pass
1**	2483.515	44.22	-1.10	54.0	9.78	AV	40.00	150	Horizontal	Pass
2	2484.205	61.76	-1.13	74.0	12.24	Peak	25.00	200	Horizontal	Pass
2**	2484.205	43.82	-1.13	54.0	10.18	AV	25.00	200	Horizontal	Pass

802.11n40 LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2387.550	64.05	-1.75	74.0	9.95	Peak	30.00	200	Horizontal	Pass
1**	2387.550	50.30	-1.75	54.0	3.70	AV	30.00	200	Horizontal	Pass
2	2389.950	61.07	-1.82	74.0	12.93	Peak	45.00	200	Horizontal	Pass
2**	2389.950	50.34	-1.82	54.0	3.66	AV	45.00	200	Horizontal	Pass
3	2387.600	63.10	-1.72	74.0	10.90	Peak	25.00	200	Horizontal	Pass
3**	2387.600	50.94	-1.72	54.0	3.06	AV	25.00	200	Horizontal	Pass

802.11n40 HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.560	57.13	-1.09	74.0	16.87	Peak	61.00	200	Horizontal	Pass
1**	2483.560	43.33	-1.09	54.0	10.67	AV	61.00	200	Horizontal	Pass
2	2485.105	61.25	-1.12	74.0	12.75	Peak	36.00	100	Horizontal	Pass
2**	2485.105	43.39	-1.12	54.0	10.61	AV	36.00	100	Horizontal	Pass

A.8 Power Spectral Density (PSD)

Note: All the configurations were pre tested, only the worst configuration has been reported in this report.

Test Data

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-10.66	8
Middle	-9.65	8
High	-10.67	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-12.95	8
Middle	-12.27	8
High	-12.90	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-12.74	8
Middle	-14.19	8
High	-14.20	8

802.11n-40 MHz Mode:

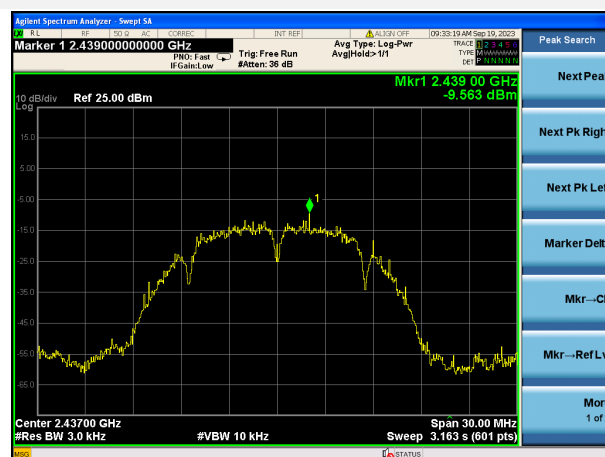
Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-19.35	8
Middle	-15.82	8
High	-17.49	8

Test Plots

802.11b LOW CHANNEL



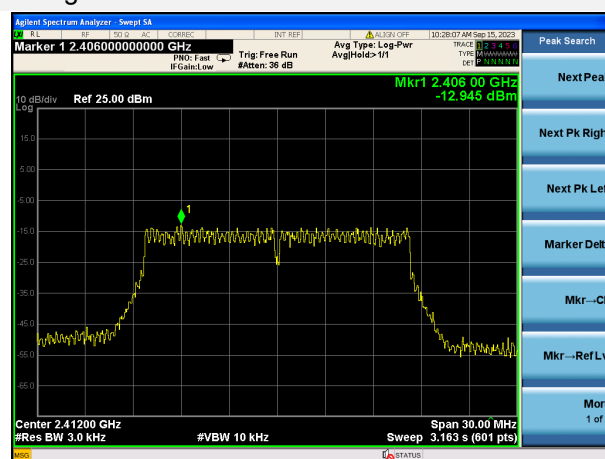
802.11b MIDDLE CHANNEL



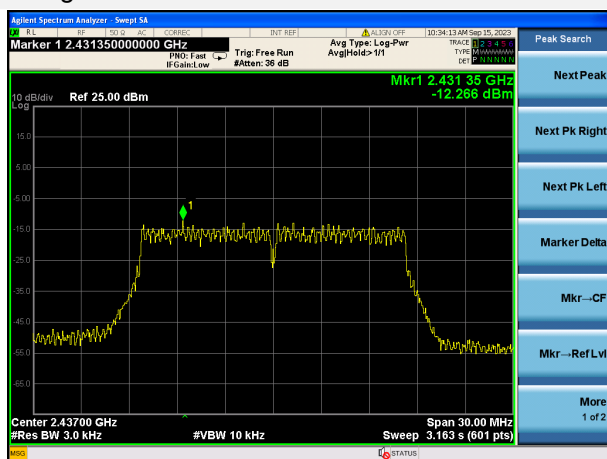
802.11b HIGH CHANNEL



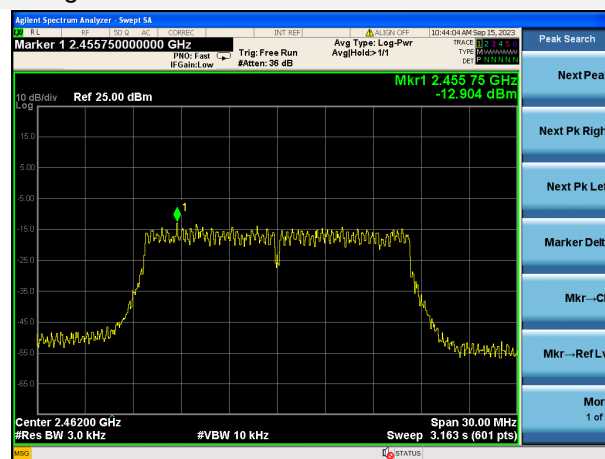
802.11g LOW CHANNEL



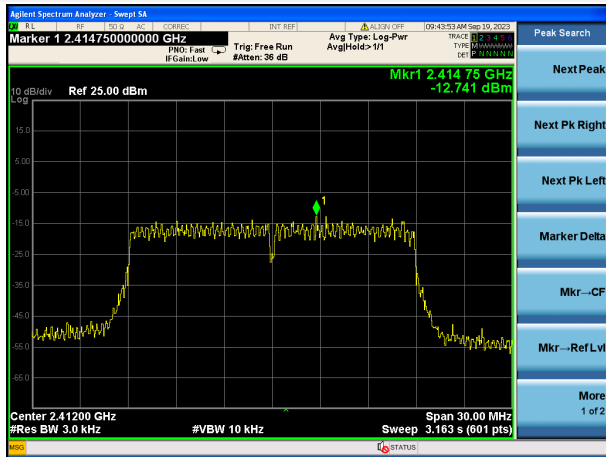
802.11g MIDDLE CHANNEL



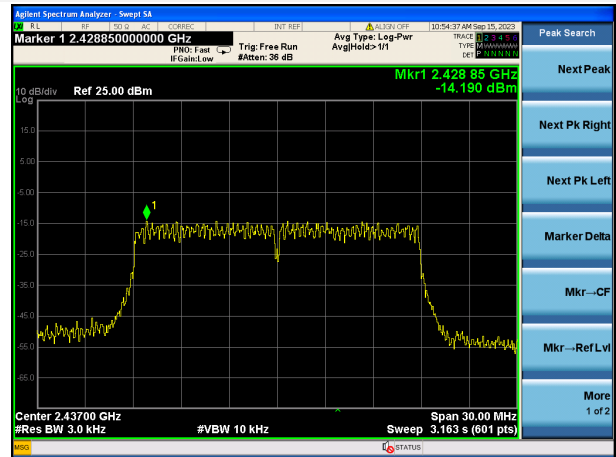
802.11g HIGH CHANNEL



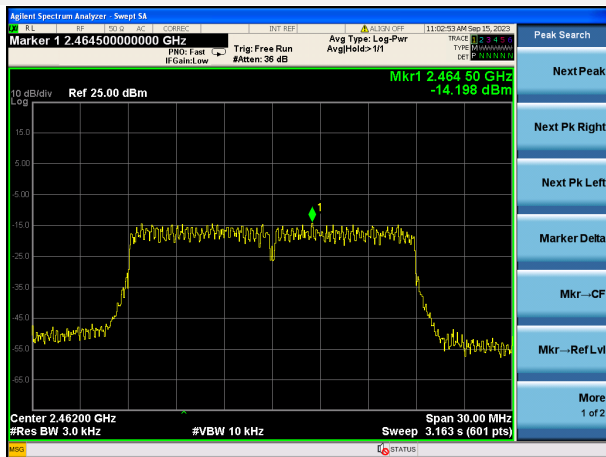
802.11n-20 MHz LOW CHANNEL



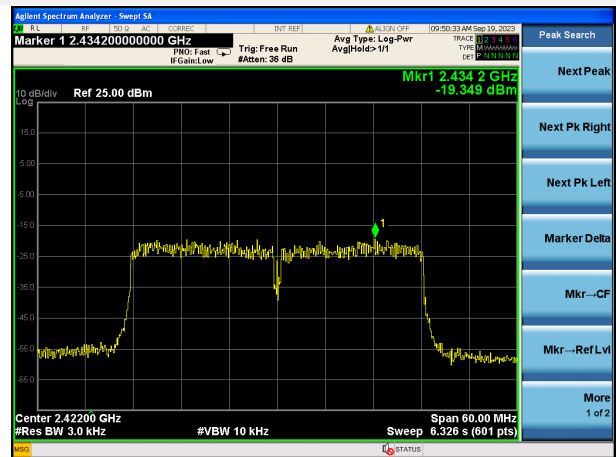
802.11n-20 MHz MIDDLE CHANNEL



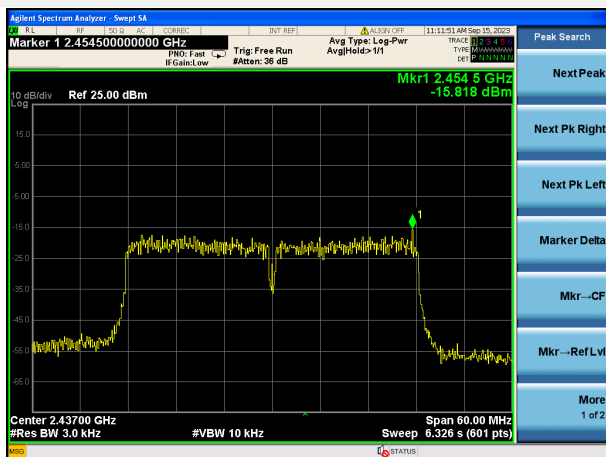
802.11n-20 MHz HIGH CHANNEL



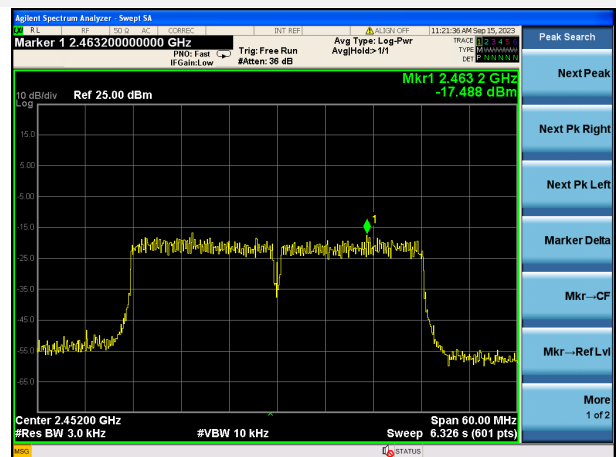
802.11n-40 MHz LOW CHANNEL



802.11n-40 MHz MIDDLE CHANNEL



802.11n-40 MHz HIGH CHANNEL



ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2390449-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2390449-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2390449-AI.PDF”.

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--END OF REPORT--