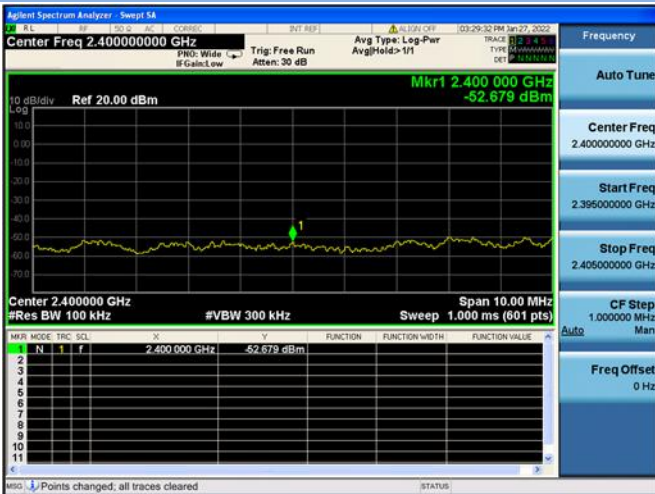


802.11b CHANNEL 4, Carrier level



802.11b CHANNEL 4, Reference level



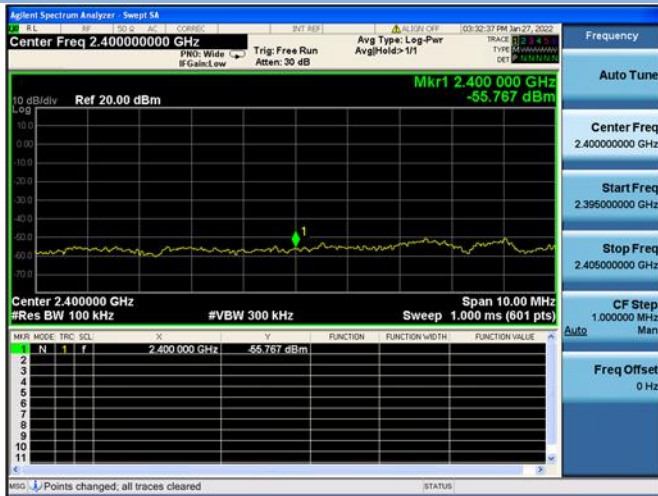
802.11b CHANNEL 4, Band Edge



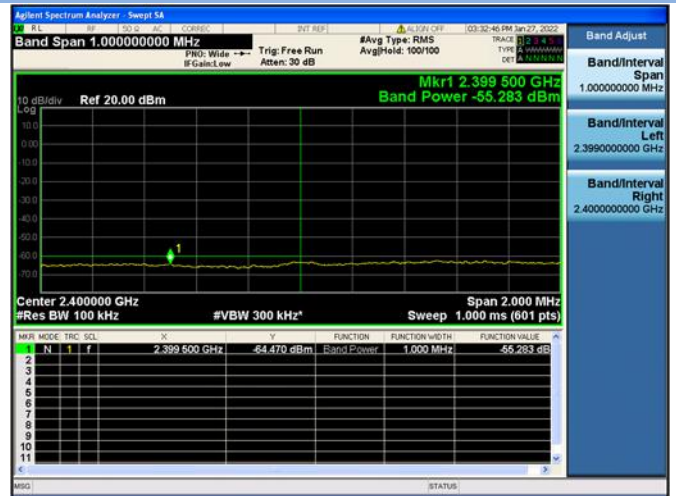
802.11b CHANNEL 5, Carrier level



802.11b CHANNEL 5, Reference level



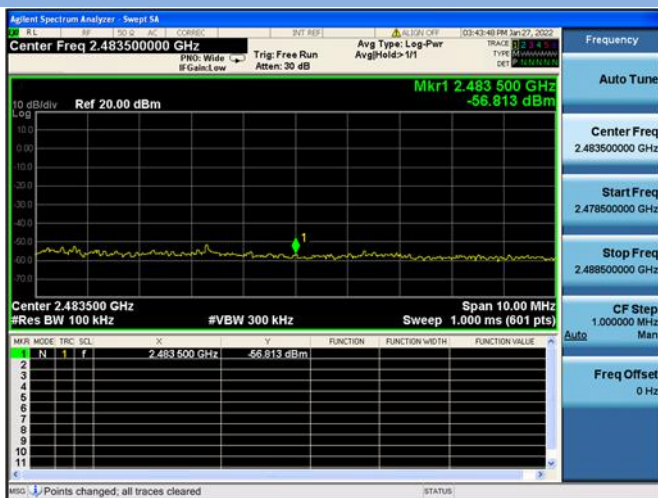
802.11b CHANNEL 5, Band Edge



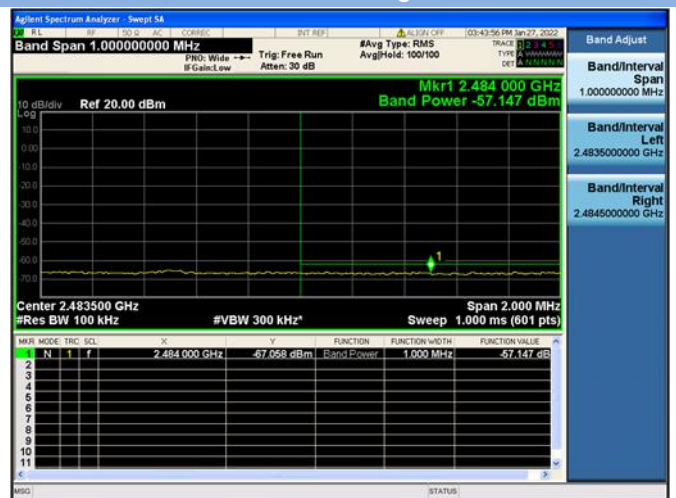
802.11b CHANNEL 7, Carrier level



802.11b CHANNEL 7, Reference level



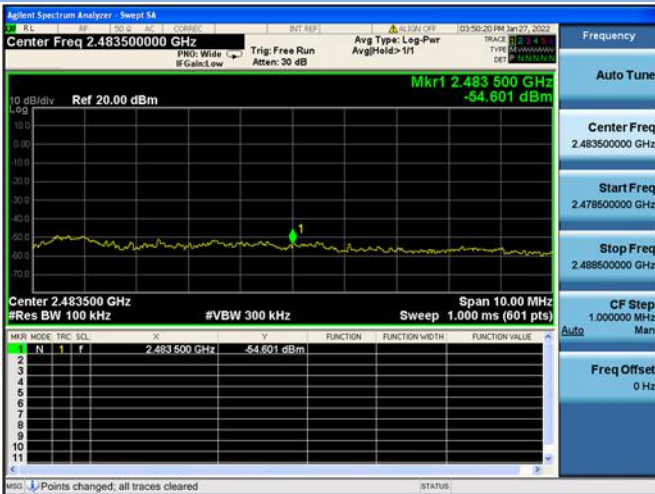
802.11b CHANNEL 7, Band Edge



802.11b CHANNEL 8, Carrier level



802.11b CHANNEL 8, Reference level



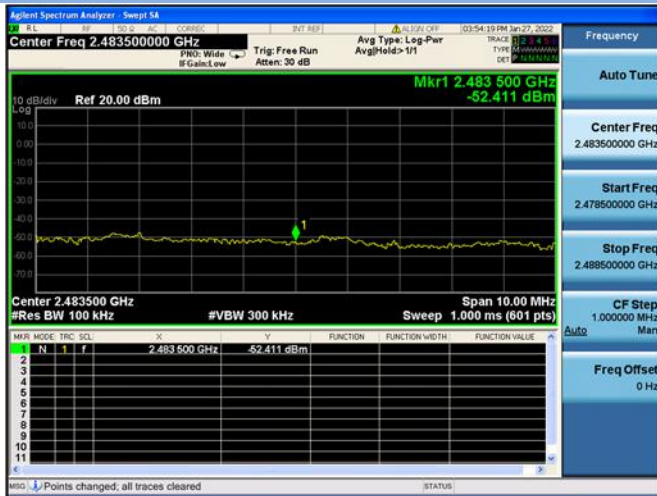
802.11b CHANNEL 8, Band Edge



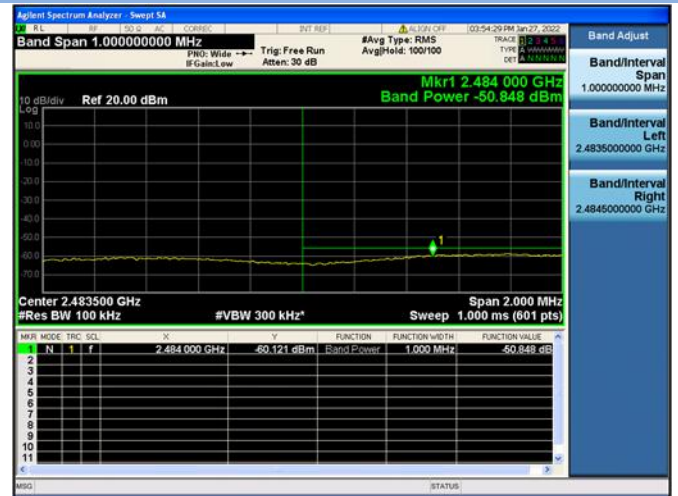
802.11b CHANNEL 9, Carrier level



802.11b CHANNEL 9, Reference level



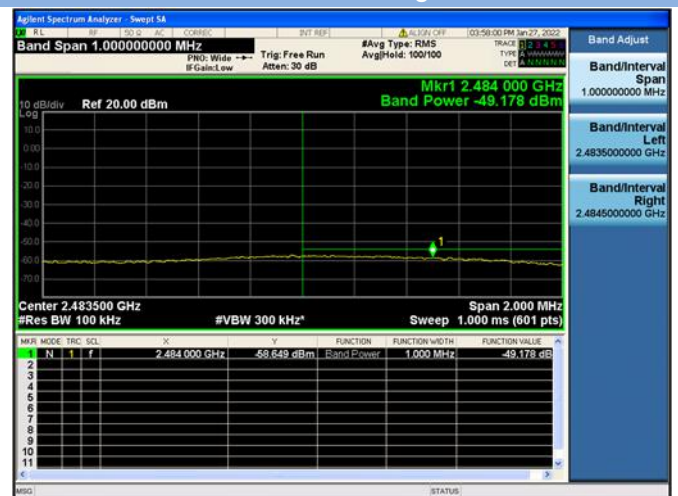
802.11b CHANNEL 9, Band Edge



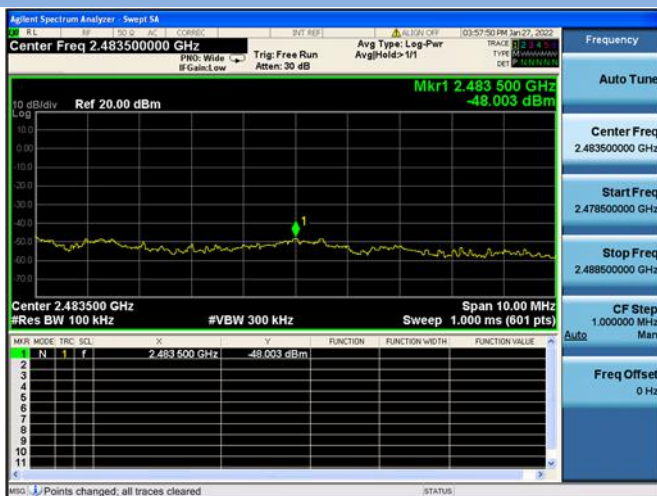
802.11b CHANNEL 10, Carrier level



802.11b CHANNEL 10, Band Edge



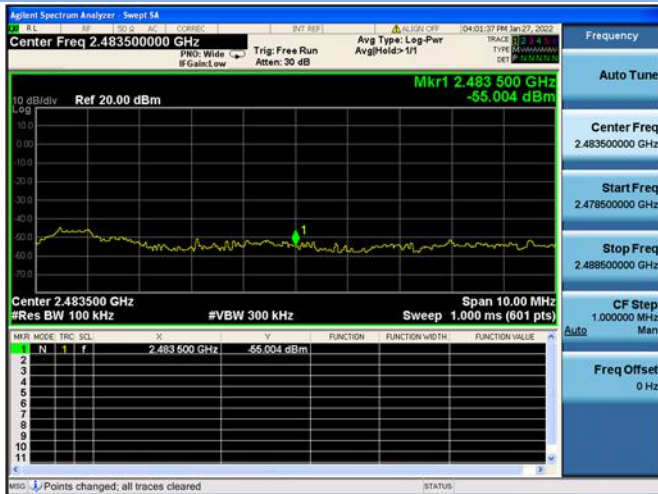
802.11b CHANNEL 10, Reference level



### 802.11b CHANNEL 11, Carrier level



### 802.11b CHANNEL 11, Reference level



### 802.11b CHANNEL 11, Band Edge



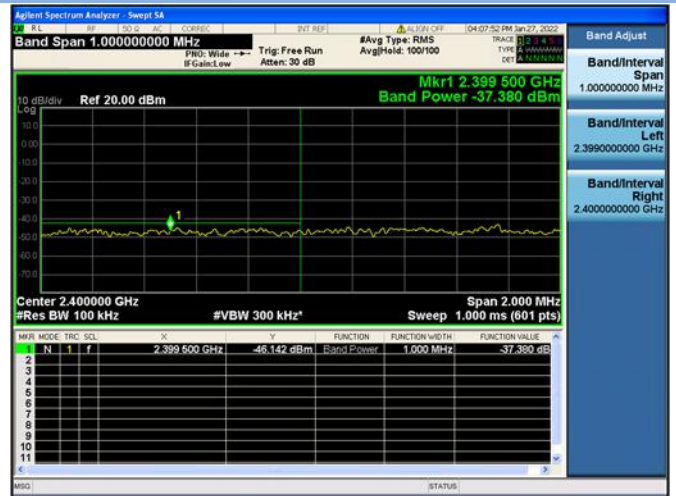
### 802.11g CHANNEL 1, Carrier level



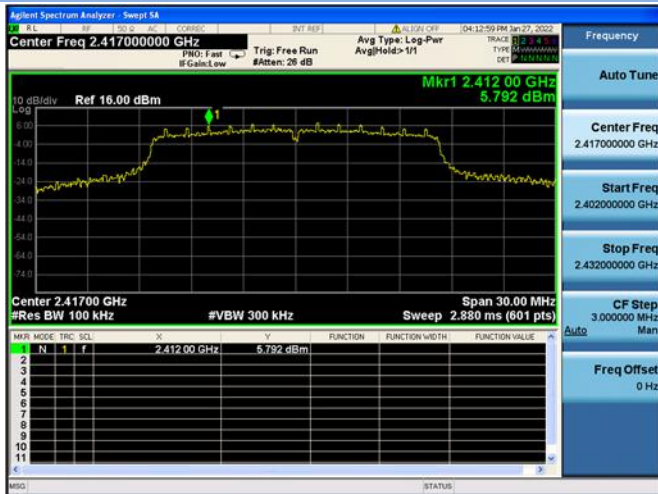
802.11g CHANNEL 1, Reference level



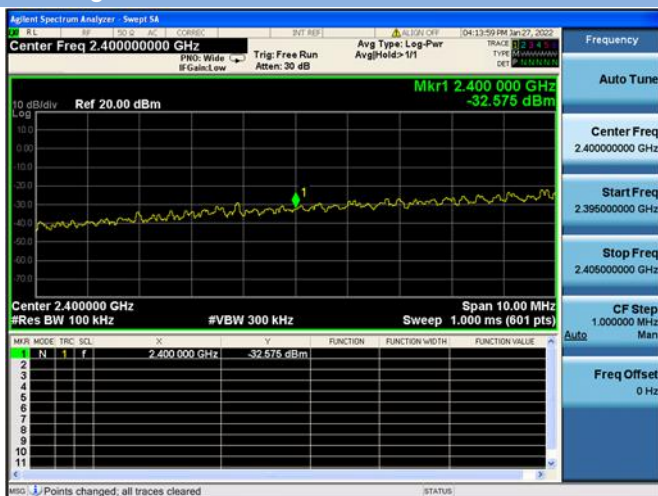
802.11g CHANNEL 1, Band Edge



802.11g CHANNEL 2, Carrier level



802.11g CHANNEL 2, Reference level



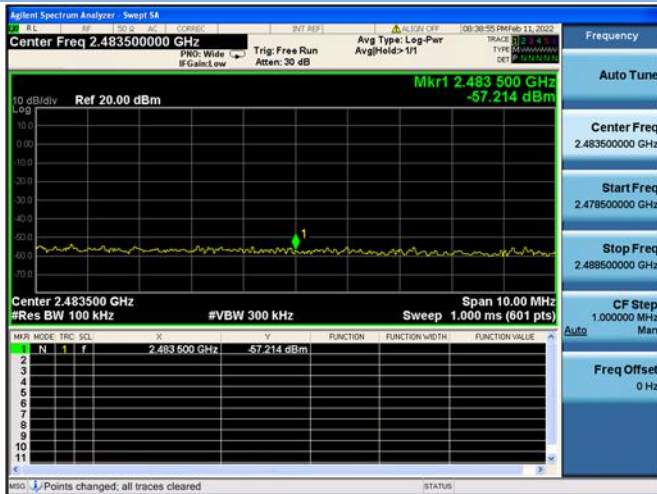
802.11g CHANNEL 2, Band Edge



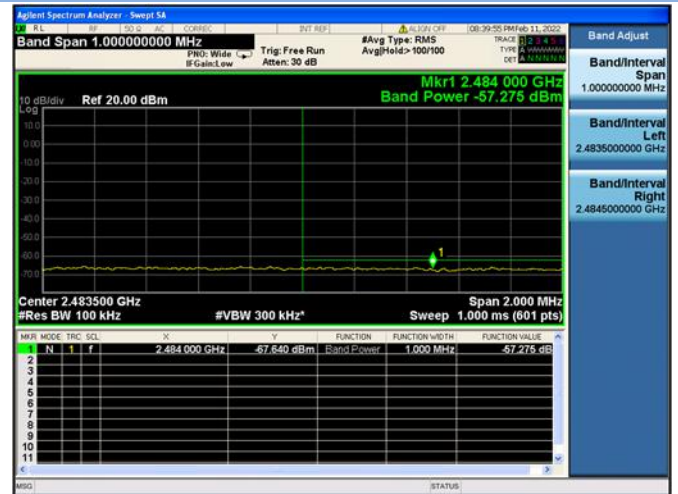
### 802.11g CHANNEL 5, Carrier level



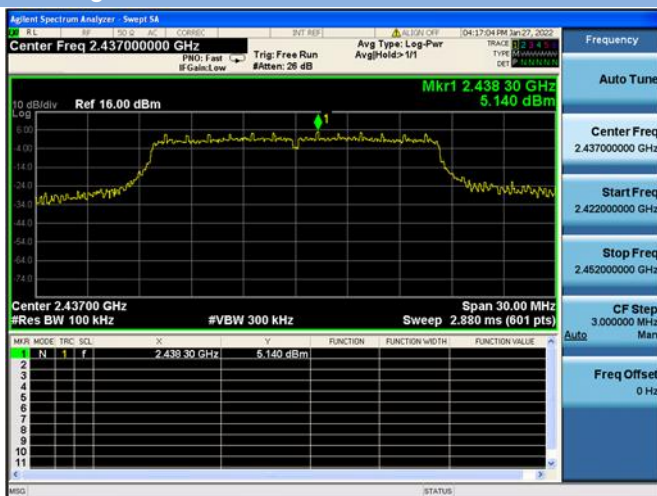
### 802.11g CHANNEL 5, Reference level



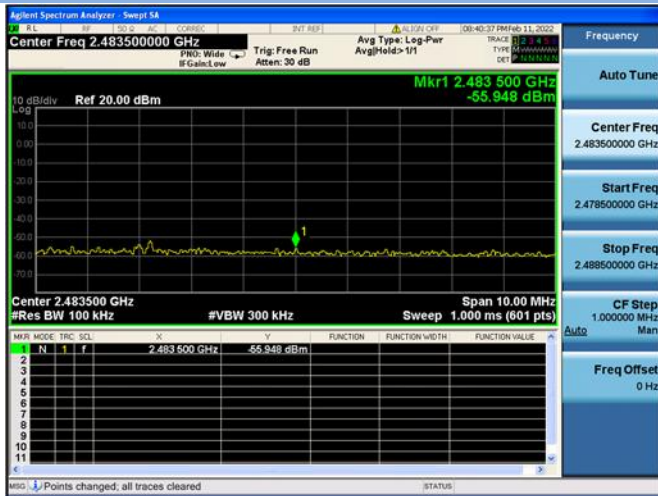
### 802.11g CHANNEL 5, Band Edge



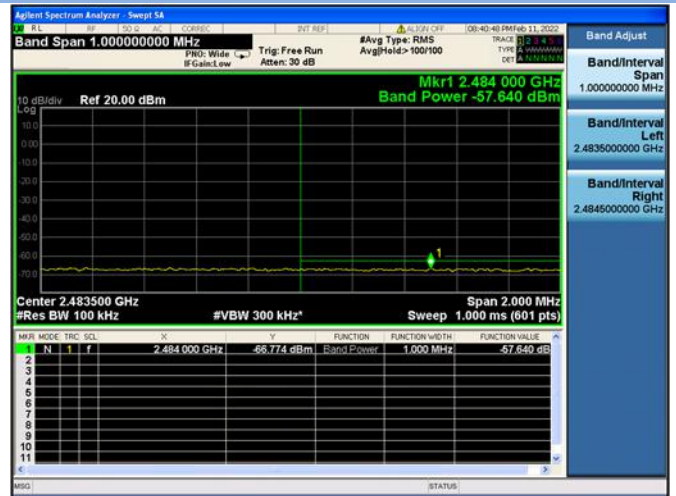
### 802.11g CHANNEL 6, Carrier level



802.11g CHANNEL 6, Reference level



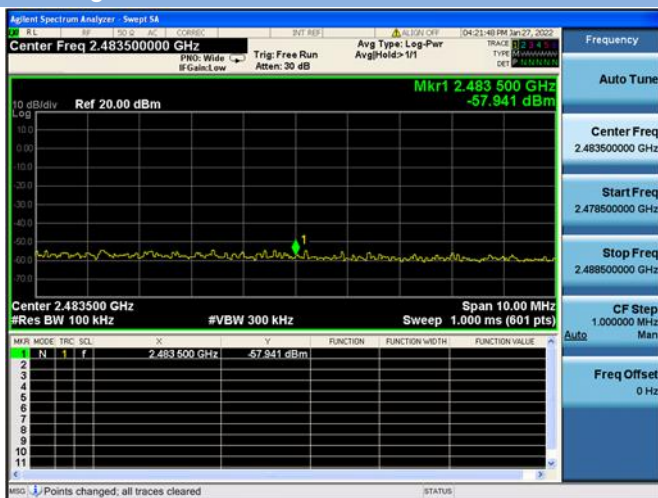
802.11g CHANNEL 6, Band Edge



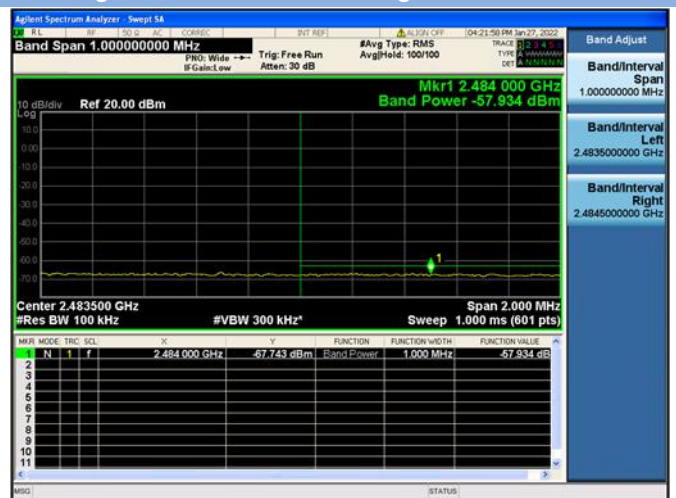
802.11g CHANNEL 7, Carrier level



802.11g CHANNEL 7, Reference level



802.11g CHANNEL 7, Band Edge

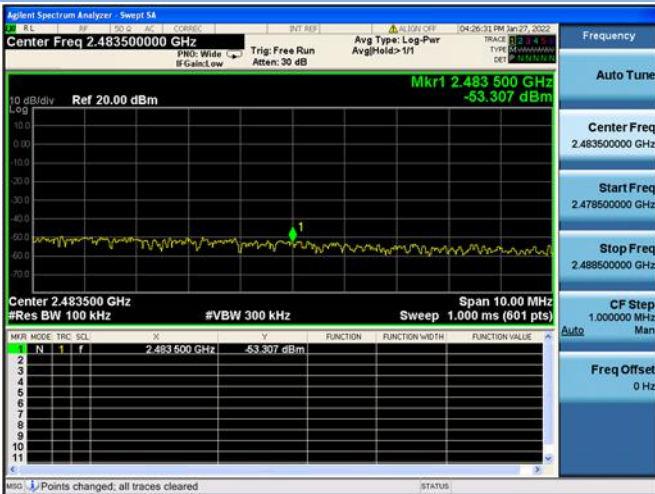




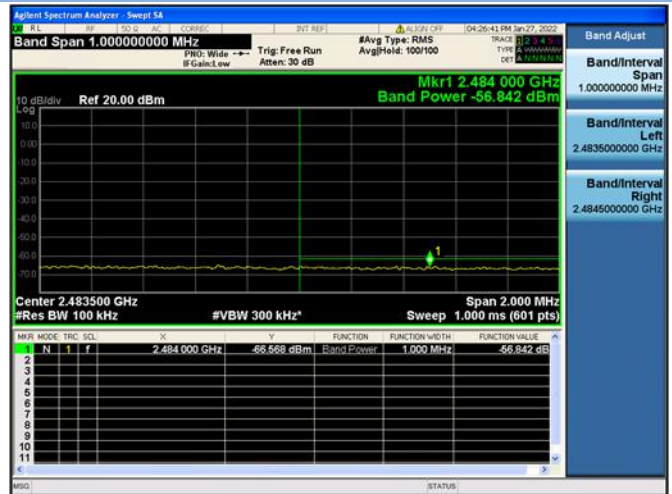
802.11g CHANNEL 8, Carrier level



802.11g CHANNEL 8, Reference level



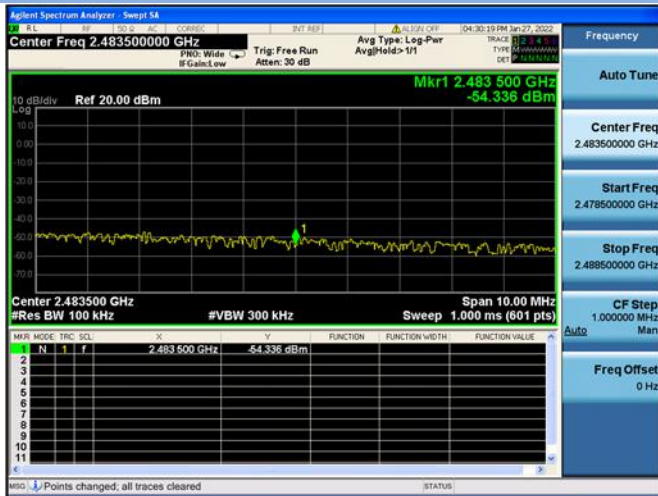
802.11g CHANNEL 8, Band Edge



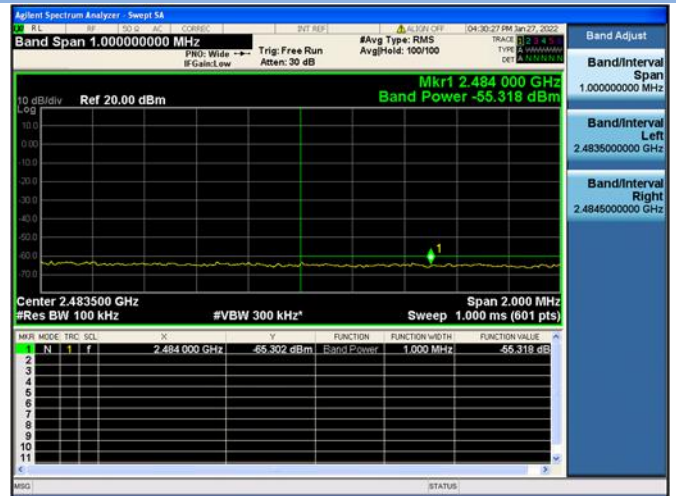
802.11g CHANNEL 9, Carrier level



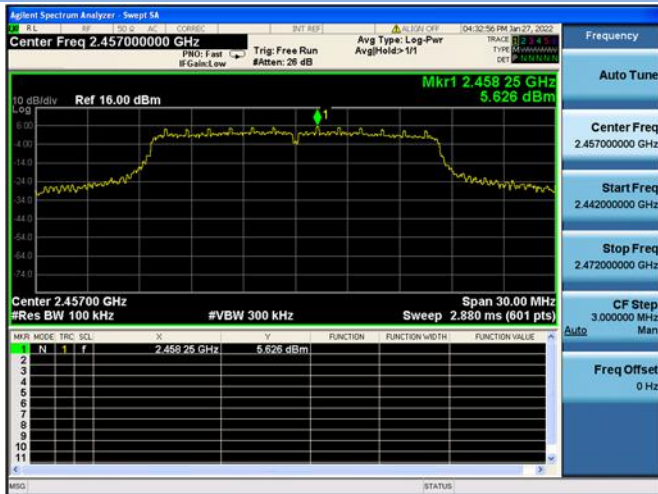
802.11g CHANNEL 9, Reference level



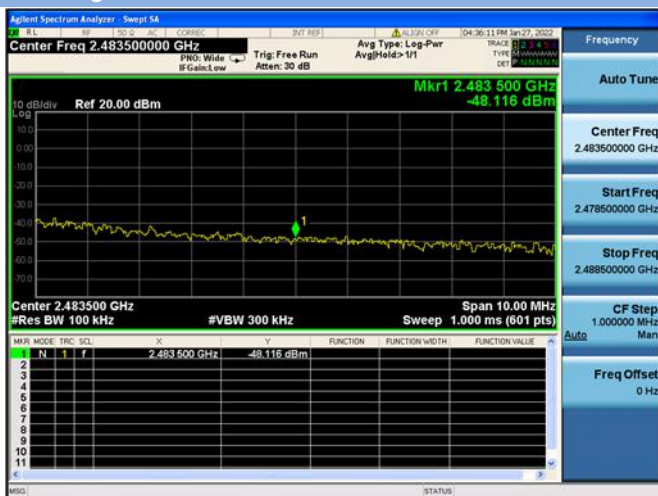
802.11g CHANNEL 9, Band Edge



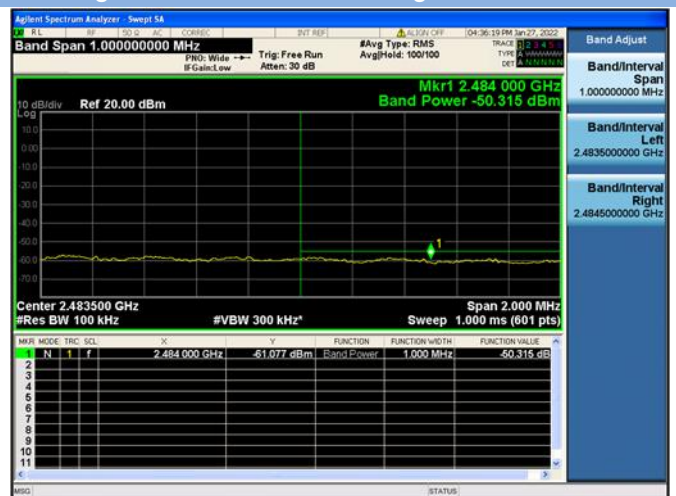
802.11g CHANNEL 10, Carrier level



802.11g CHANNEL 10, Reference level



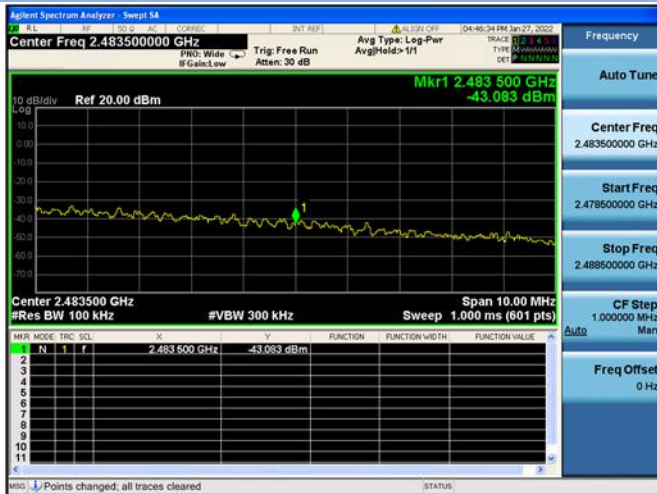
802.11g CHANNEL 10, Band Edge



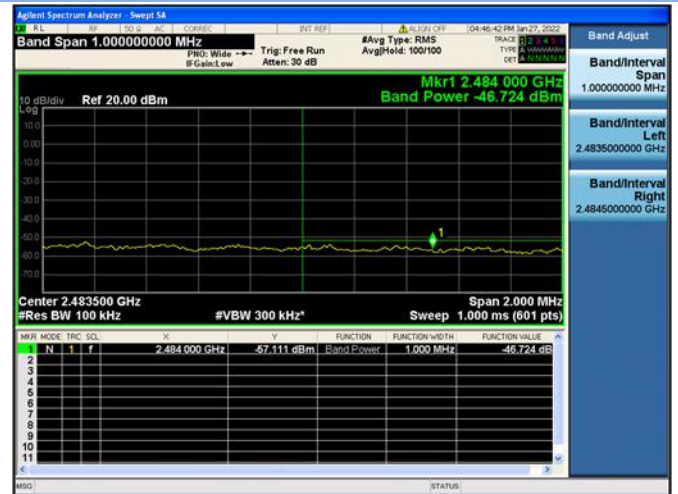
### 802.11g CHANNEL 11, Carrier level



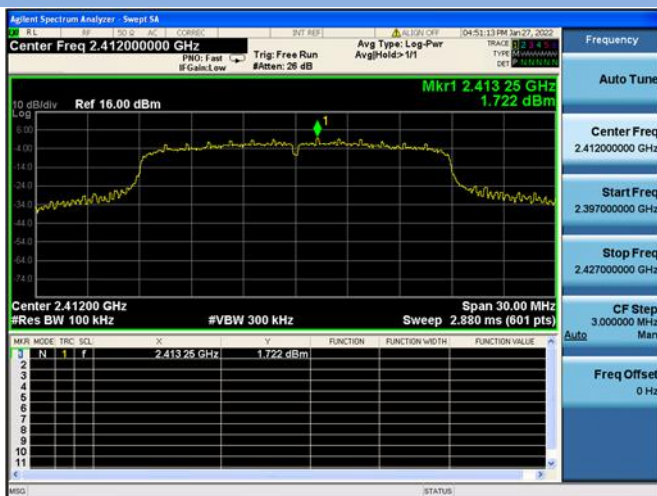
### 802.11g CHANNEL 11, Reference level



### 802.11g CHANNEL 11, Band Edge



### 802.11n-20 CHANNEL 1, Carrier level



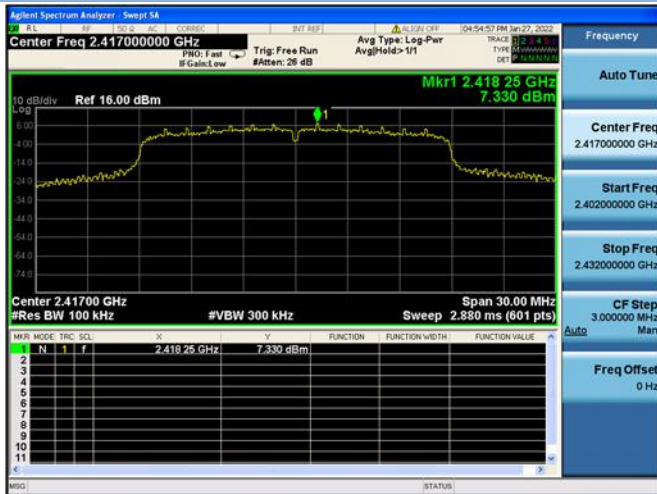
802.11n-20 CHANNEL 1, Reference level



802.11n-20 CHANNEL 1, Band Edge



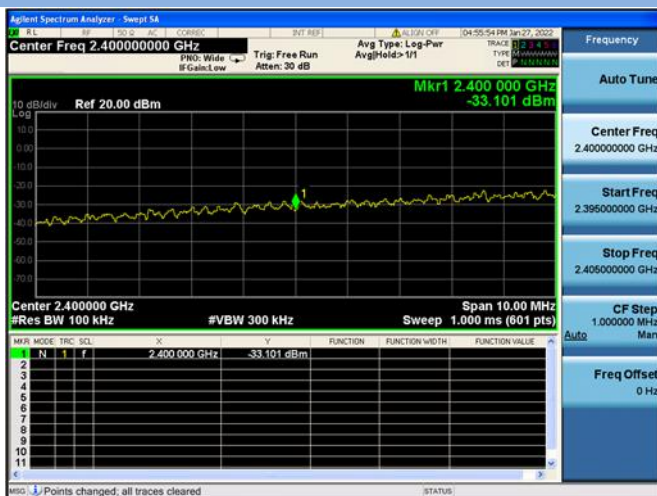
802.11n-20 CHANNEL 2, Carrier level



802.11n-20 CHANNEL 2, Band Edge



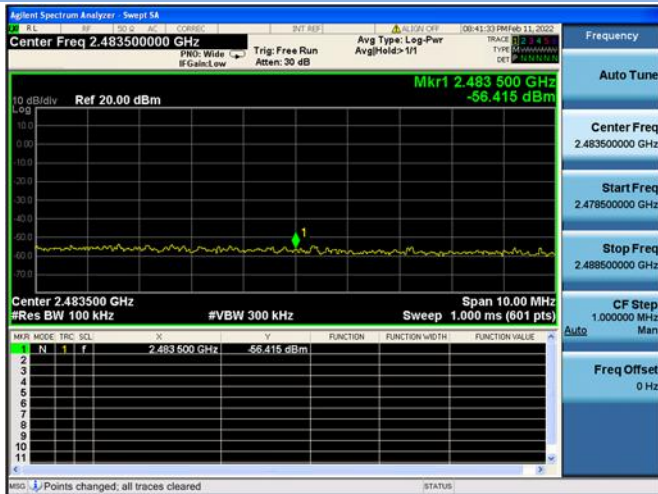
802.11n-20 CHANNEL 2, Reference level



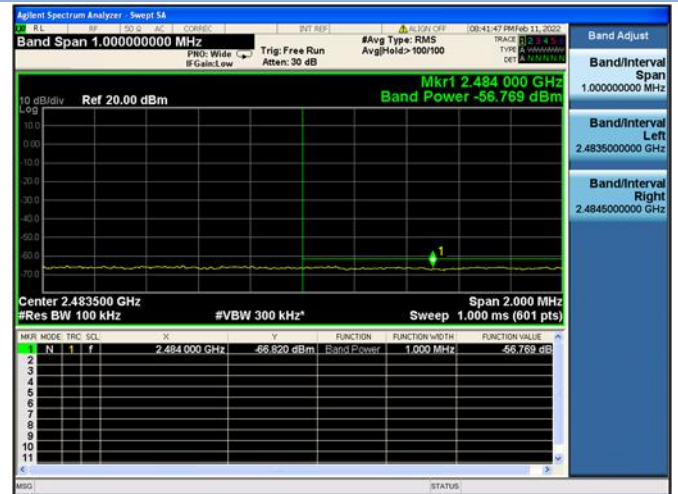
802.11n-20 CHANNEL 5, Carrier level



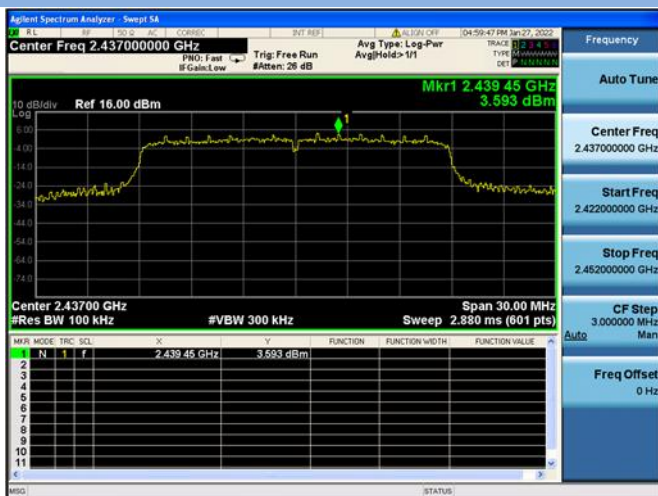
802.11n-20 CHANNEL 5, Reference level



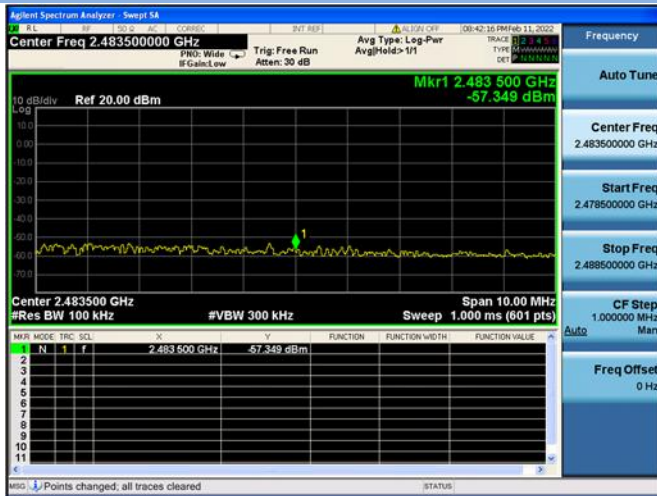
802.1n-20b CHANNEL 5, Band Edge



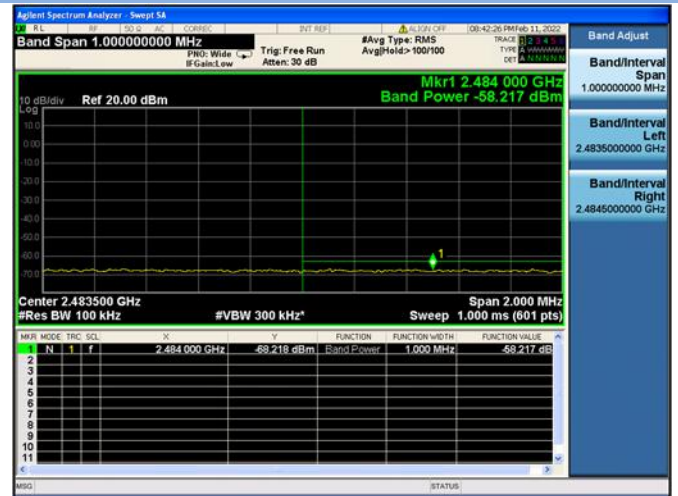
802.11n-20 CHANNEL 6, Carrier level



802.11n-20 CHANNEL 6, Reference level



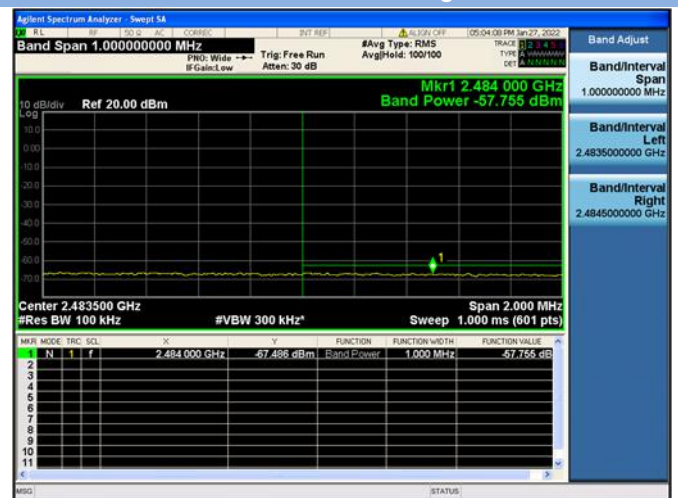
802.11n-20 CHANNEL 6, Band Edge



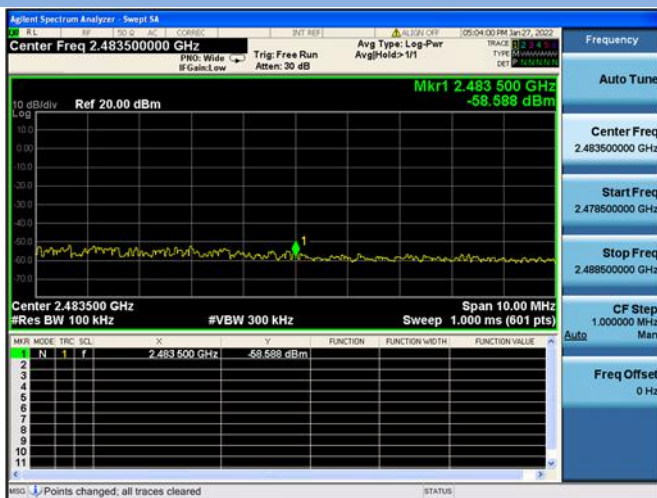
802.11n-20 CHANNEL 7, Carrier level



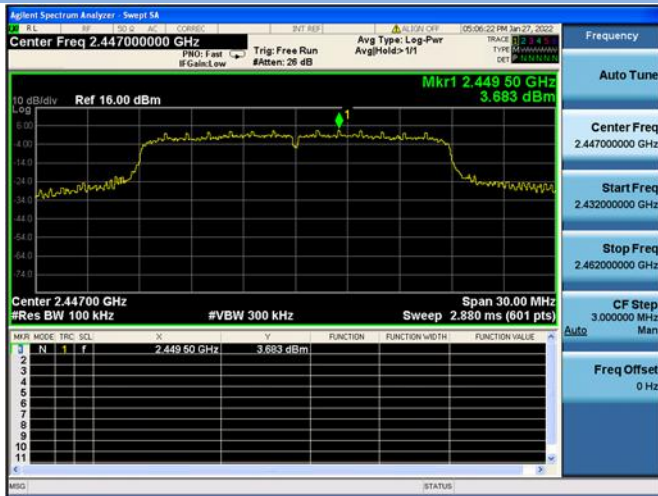
802.11n-20 CHANNEL 7, Band Edge



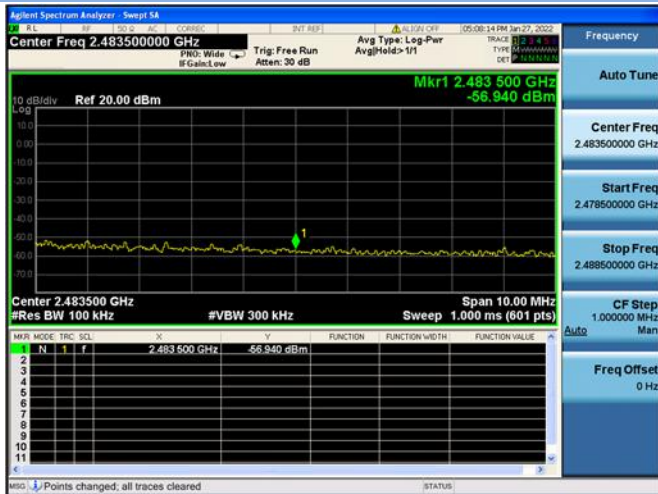
802.11n-20 CHANNEL 7, Reference level



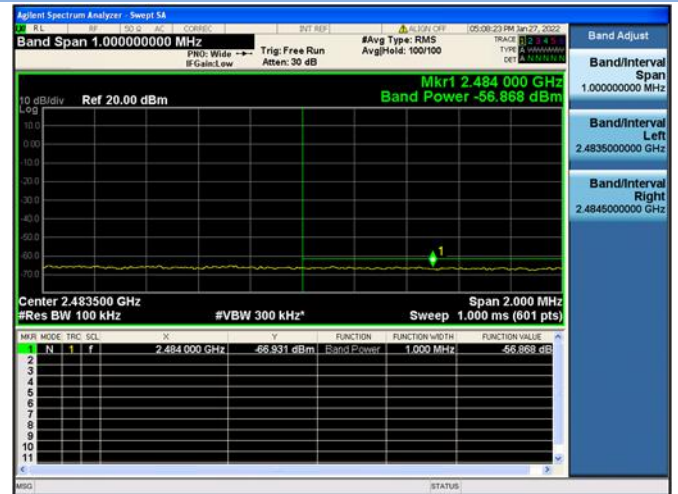
802.11n-20 CHANNEL 8, Carrier level



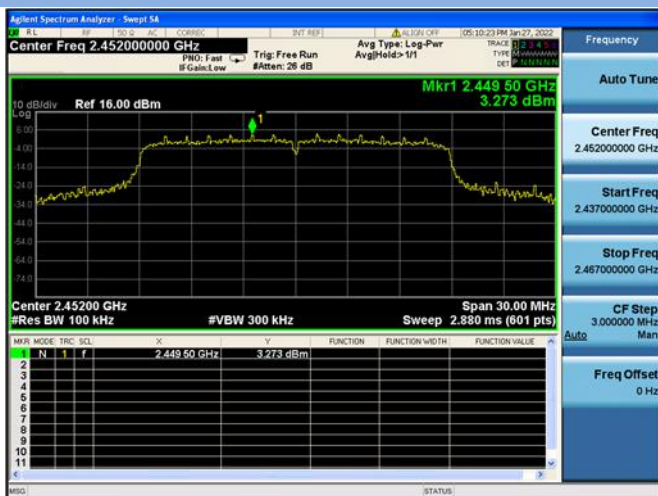
802.11n-20 CHANNEL 8, Reference level



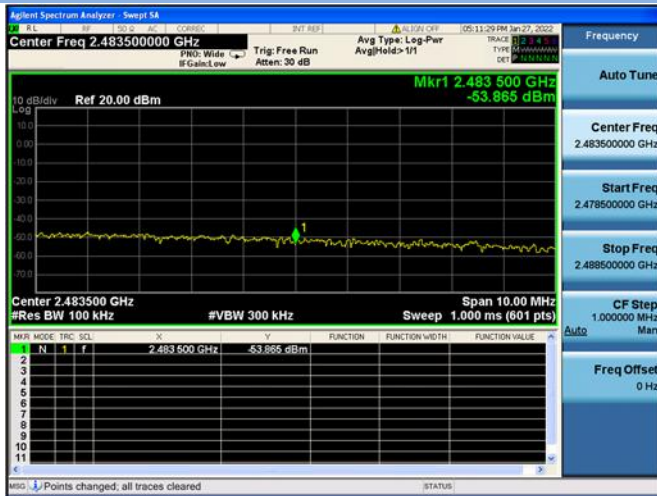
802.11n-20 CHANNEL 8, Band Edge



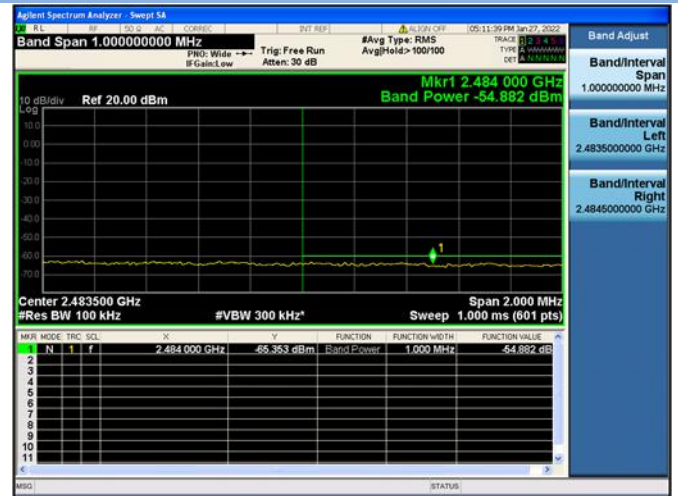
802.11n-20 CHANNEL 9, Carrier level



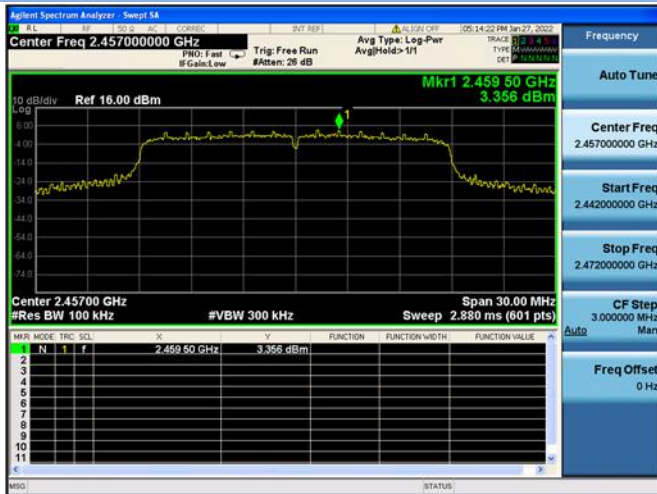
802.11n-20 CHANNEL 9, Reference level



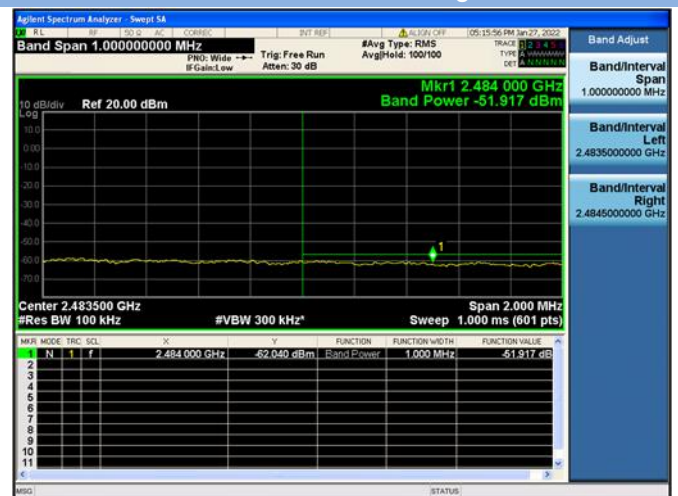
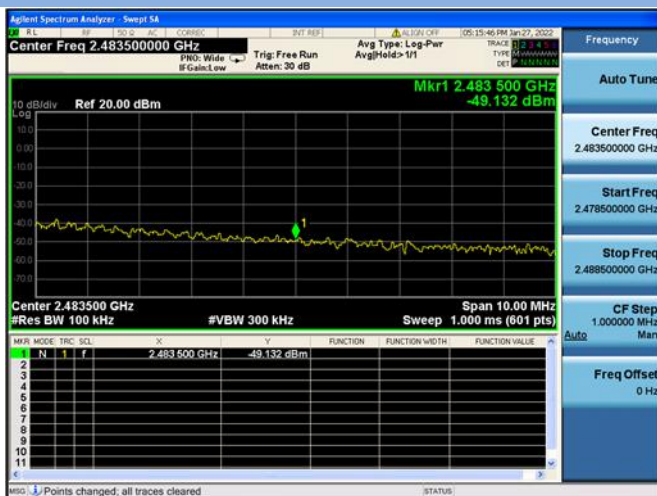
802.11n-20 CHANNEL 9, Band Edge



802.11n-20 CHANNEL 10, Carrier level

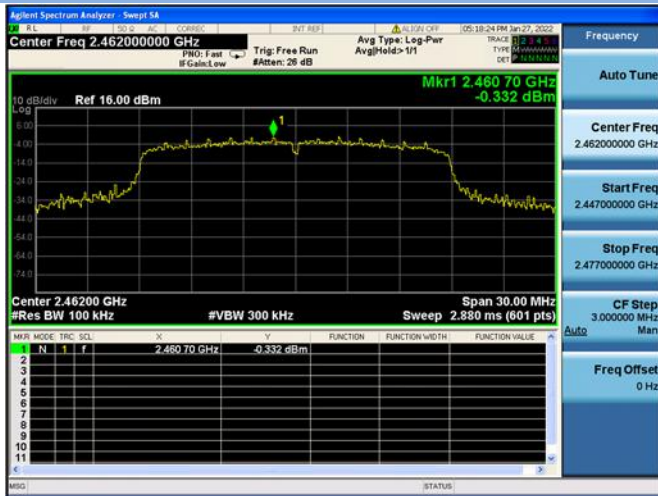


802.11n-20 CHANNEL 10, Reference level

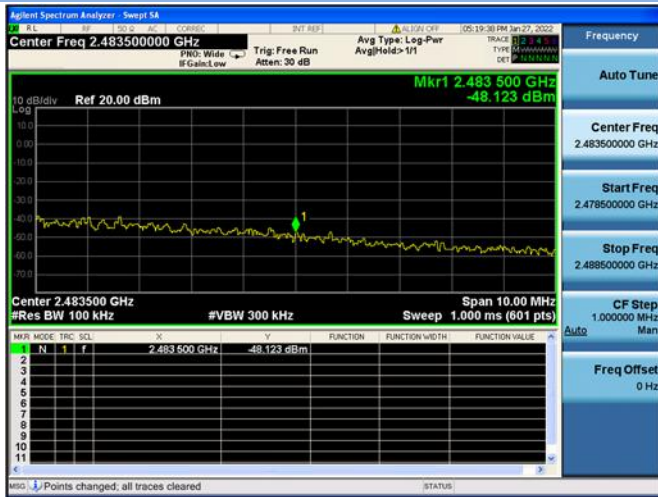




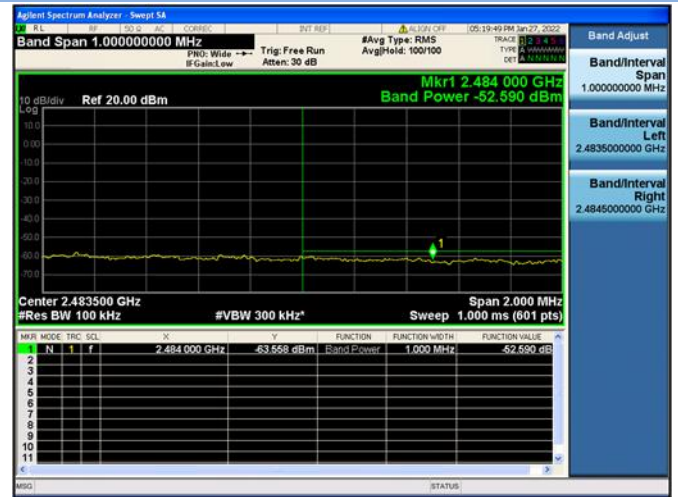
802.11n-20 CHANNEL 11, Carrier level



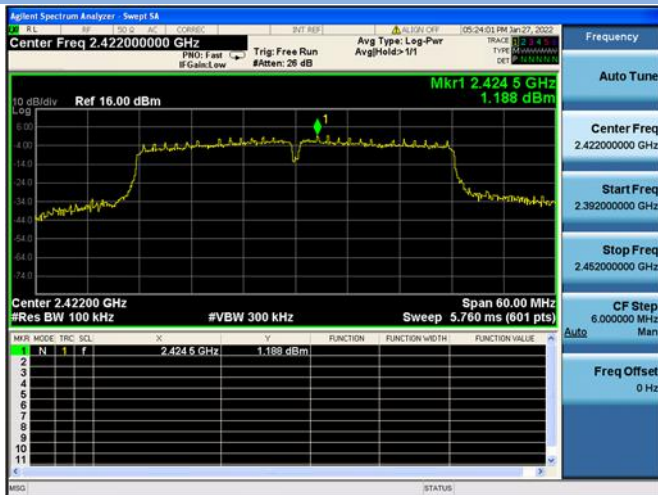
802.11n-20 CHANNEL 11, Reference level



802.11n-20 CHANNEL 11, Band Edge



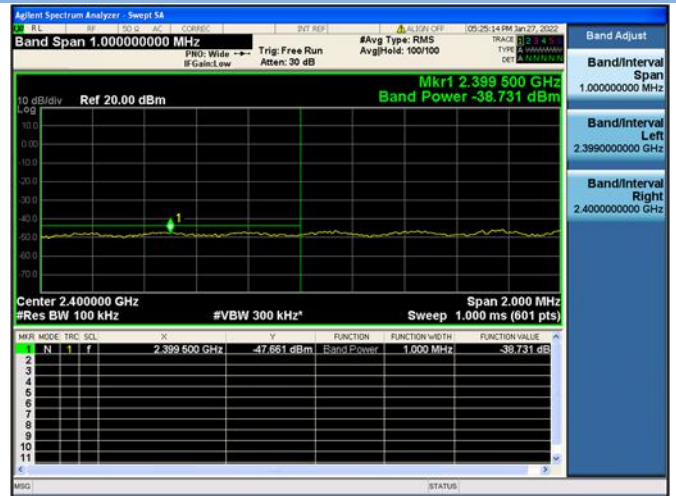
802.11n-40 CHANNEL 3, Carrier level



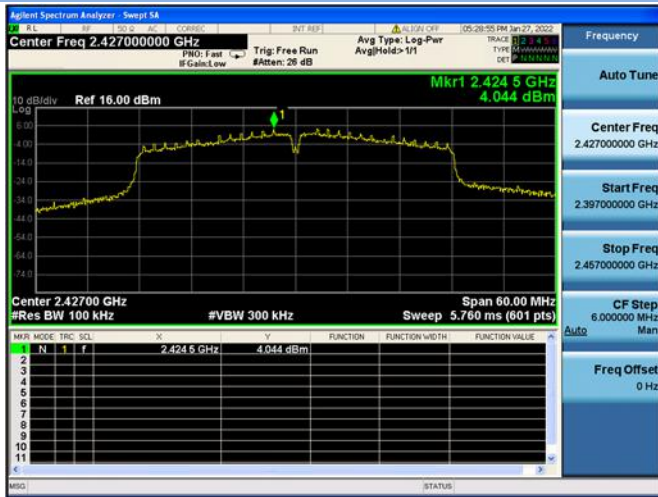
802.11n-40 CHANNEL 3, Reference level



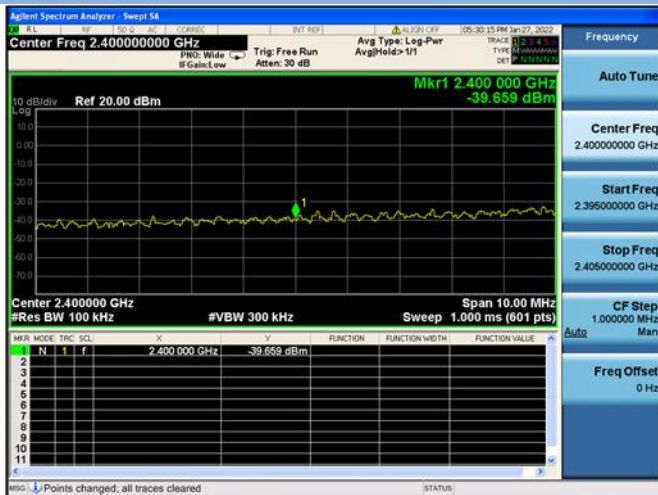
802.11n-40 CHANNEL 3, Band Edge



802.11n-40 CHANNEL 4, Carrier level



802.11n-40 CHANNEL 4, Reference level



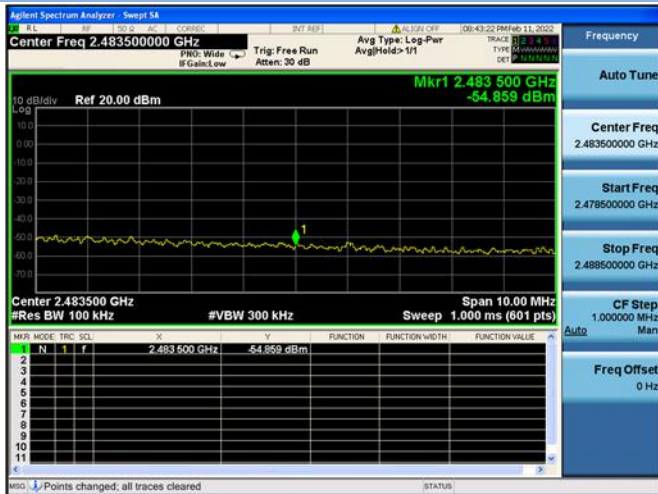
802.11n-40 CHANNEL 4, Band Edge



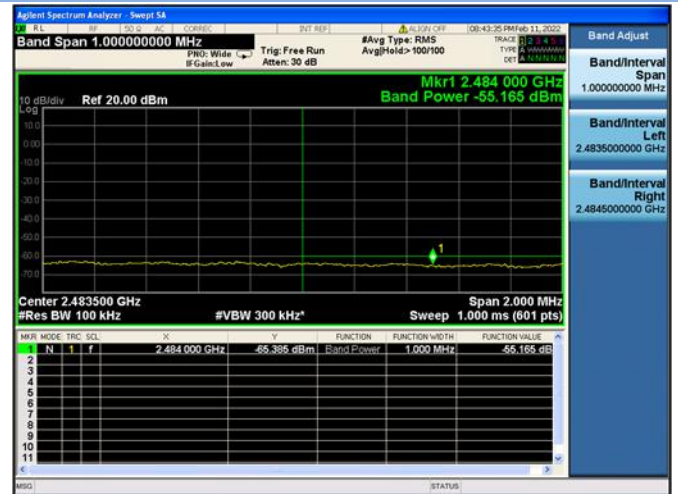
802.11n-40 CHANNEL 5, Carrier level



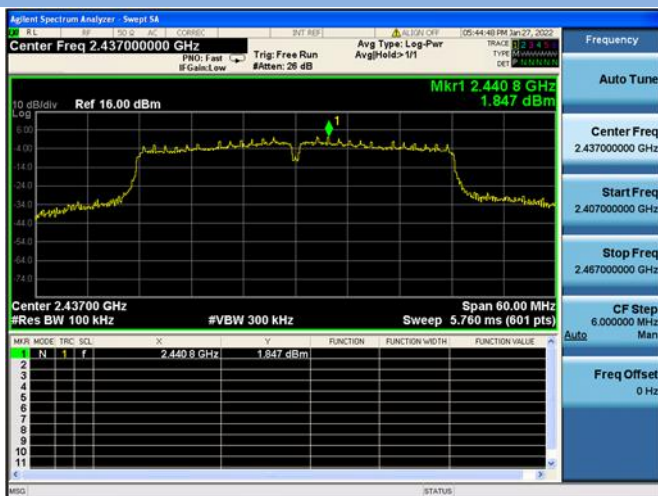
802.11n-40 CHANNEL 5, Reference level



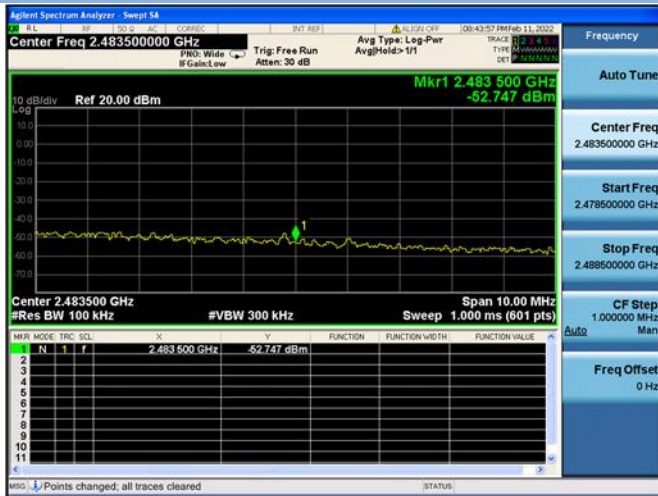
802.11n-40 CHANNEL 5, Band Edge



802.11n-40 CHANNEL 6, Carrier level



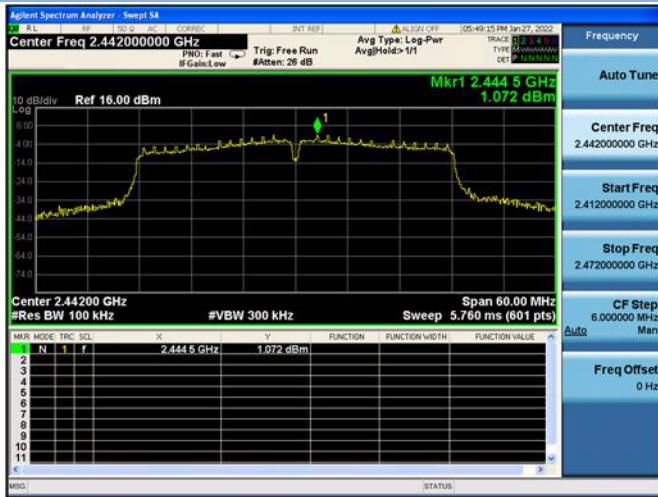
802.11n-40 CHANNEL 6, Reference level



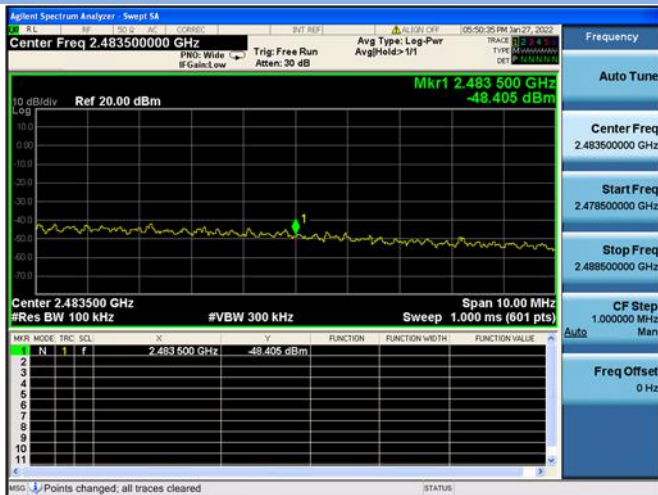
802.11n-40 CHANNEL 6, Band Edge



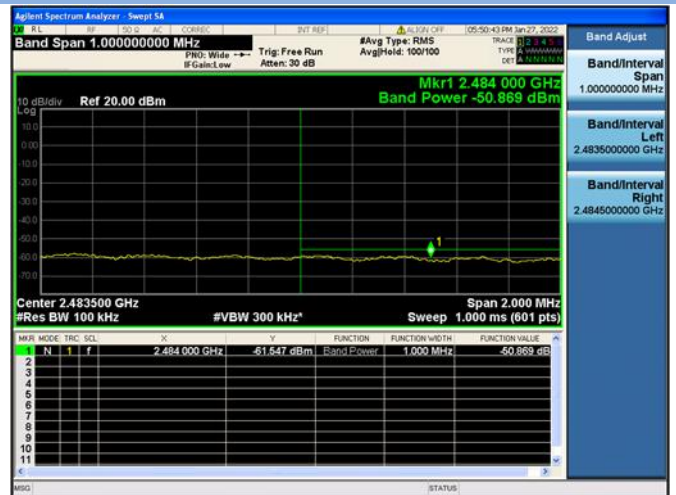
802.11n-40 CHANNEL 7, Carrier level



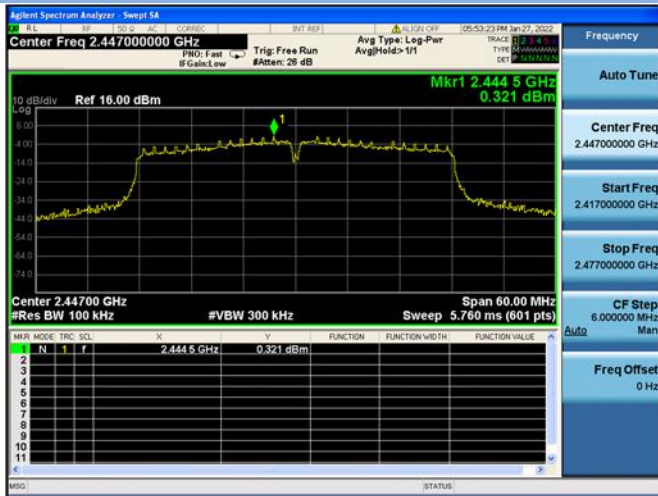
802.11n-40 CHANNEL 7, Reference level



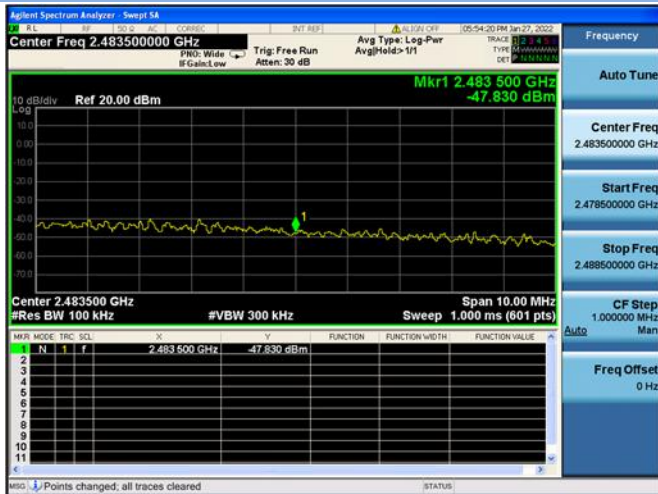
802.11n-40 CHANNEL 7, Band Edge



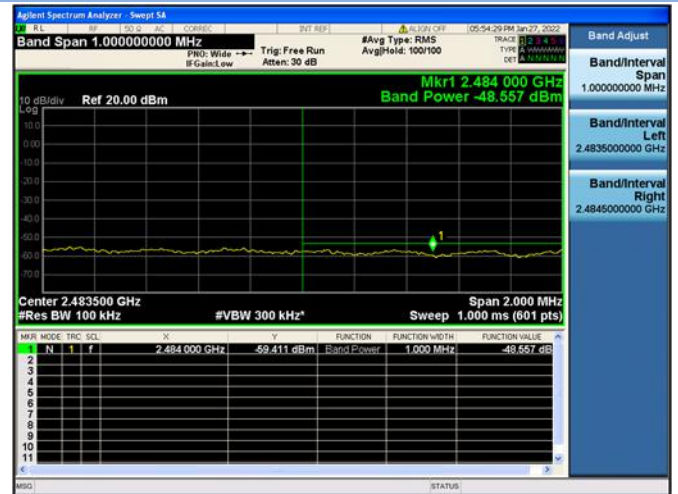
802.11n-40 CHANNEL 8, Carrier level



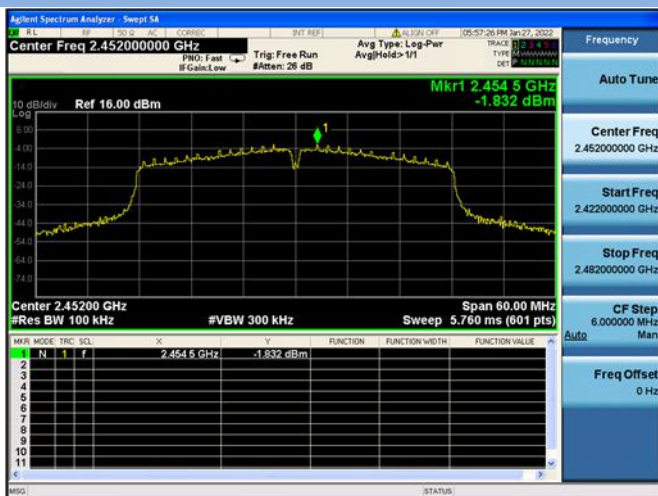
802.11n-40 CHANNEL 8, Reference level



802.11n-40 CHANNEL 8, Band Edge

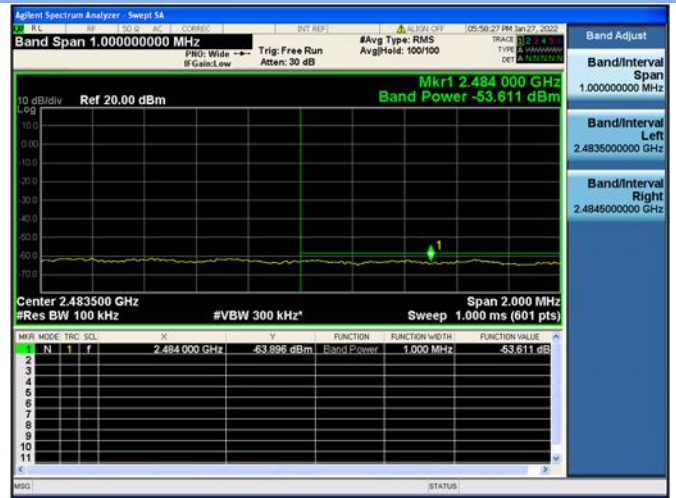
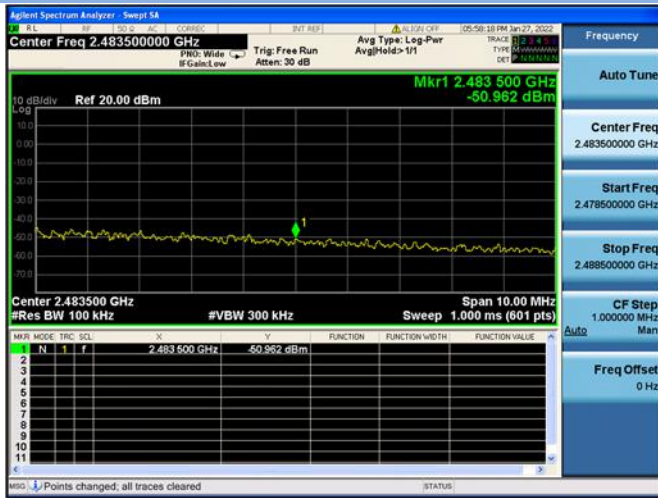


802.11n-40 CHANNEL 9, Carrier level



802.11n-40 CHANNEL 9, Reference level

802.11n-40 CHANNEL 9, Band Edge



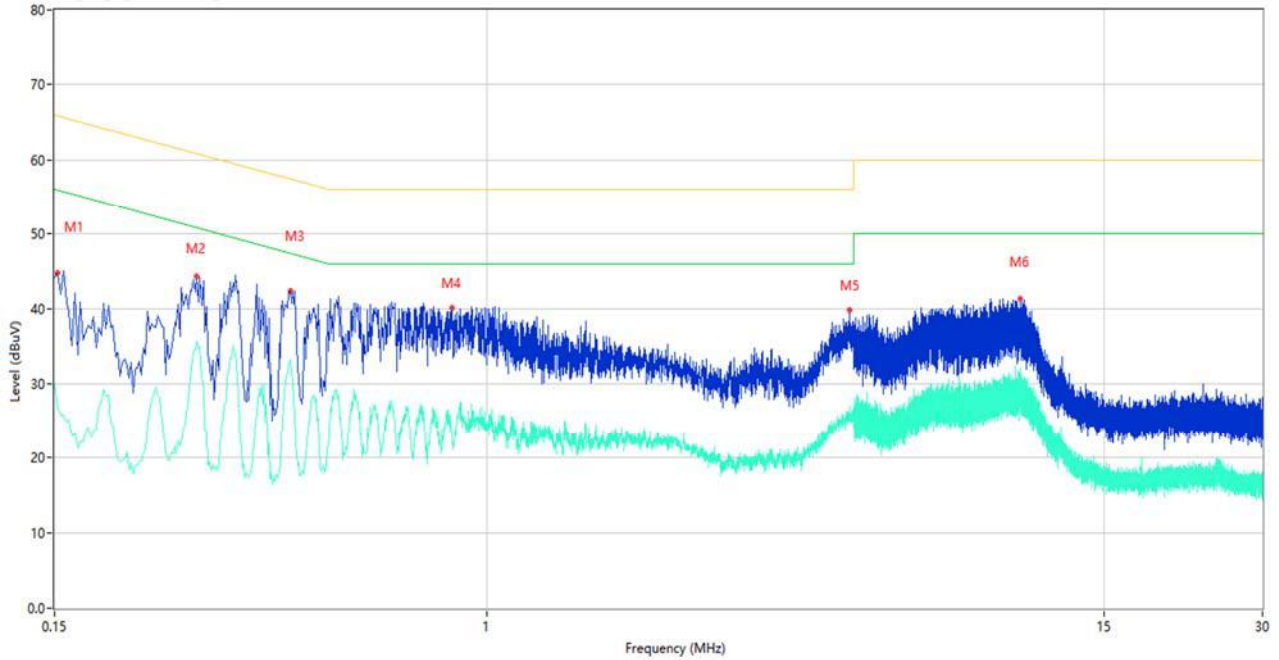
## A.5 Conducted Emissions

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

### Test Data and Plots

#### PHASE L

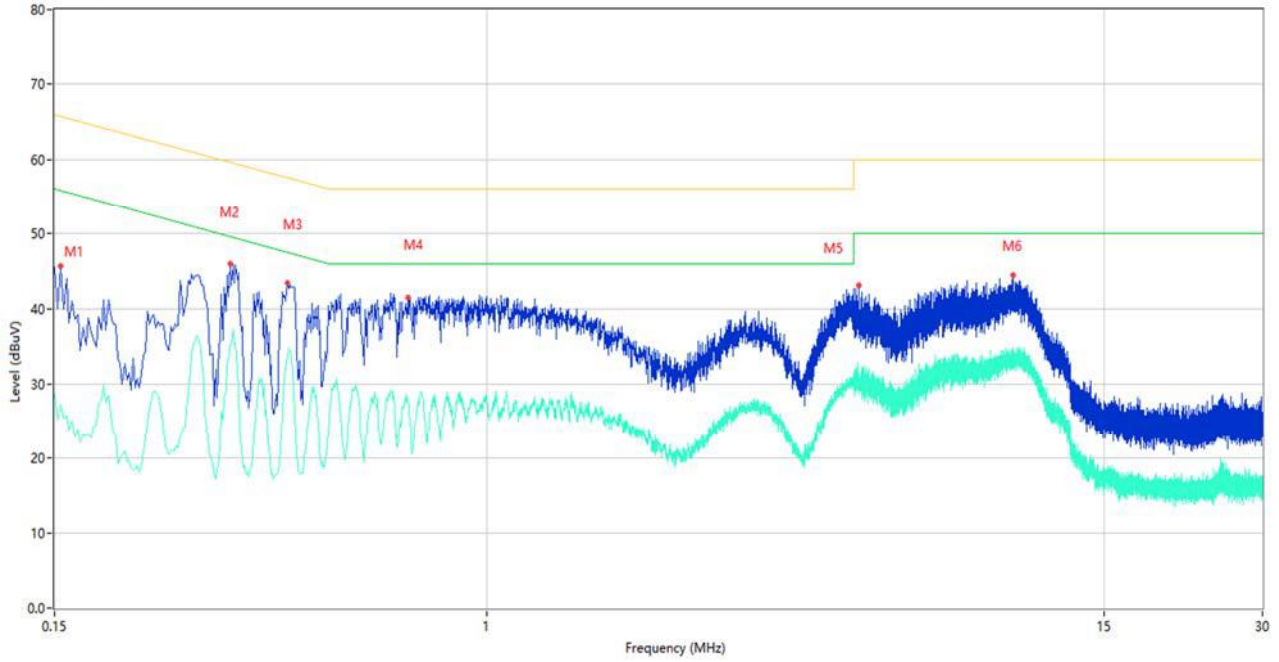
CE Test case\_FCC\_CE\_FCC PART 15B\_Class B



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.152	44.80	10.19	65.89	-21.09	Peak	L	Pass
1**	0.152	26.84	10.19	55.89	-29.05	AV	L	Pass
2	0.280	44.34	10.07	60.82	-16.48	Peak	L	Pass
2**	0.280	35.73	10.07	50.82	-15.09	AV	L	Pass
3	0.422	42.35	10.09	57.41	-15.06	Peak	L	Pass
3**	0.422	33.18	10.09	47.41	-14.23	AV	L	Pass
4	0.858	40.07	10.05	56.00	-15.93	Peak	L	Pass
4**	0.858	21.93	10.05	46.00	-24.07	AV	L	Pass
5	4.912	39.70	9.94	56.00	-16.30	Peak	L	Pass
5**	4.912	26.24	9.94	46.00	-19.76	AV	L	Pass
6	10.364	41.34	10.09	60.00	-18.66	Peak	L	Pass
6**	10.364	28.62	10.09	50.00	-21.38	AV	L	Pass

PHASE N

CE Test case\_FCC\_CE\_FCC PART 15B\_Class B



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.154	45.67	10.18	65.78	-20.11	Peak	N	Pass
1**	0.154	27.24	10.18	55.78	-28.54	AV	N	Pass
2	0.324	45.92	10.07	59.60	-13.68	Peak	N	Pass
2**	0.324	35.31	10.07	49.60	-14.29	AV	N	Pass
3	0.416	43.32	10.09	57.53	-14.21	Peak	N	Pass
3**	0.416	33.73	10.09	47.53	-13.80	AV	N	Pass
4	0.706	41.50	10.08	56.00	-14.50	Peak	N	Pass
4**	0.706	27.90	10.08	46.00	-18.10	AV	N	Pass
5	5.106	43.09	9.95	60.00	-16.91	Peak	N	Pass
5**	5.106	30.87	9.95	50.00	-19.13	AV	N	Pass
6	10.054	44.41	10.10	60.00	-15.59	Peak	N	Pass
6**	10.054	34.33	10.10	50.00	-15.67	AV	N	Pass



## A.6 Radiated Emission

Note<sup>1</sup>: The symbol of "--" in the table which means not application.

Note<sup>2</sup>: 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.

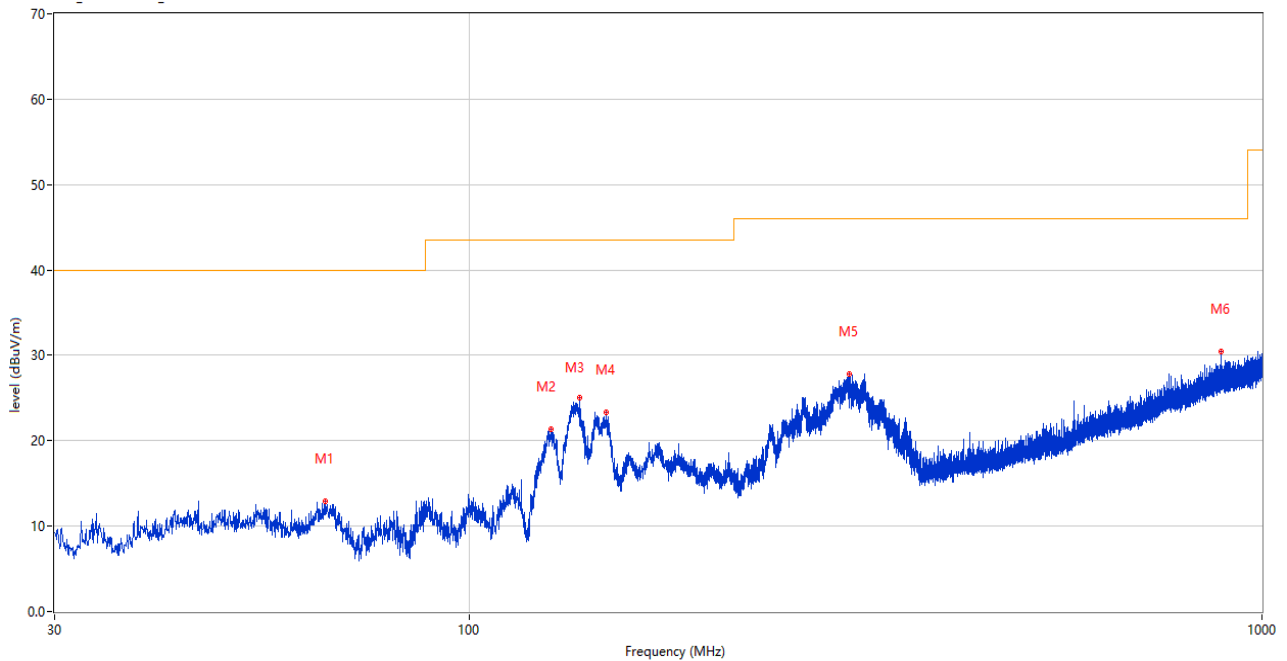
Note<sup>3</sup>: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

Note<sup>4</sup>: 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

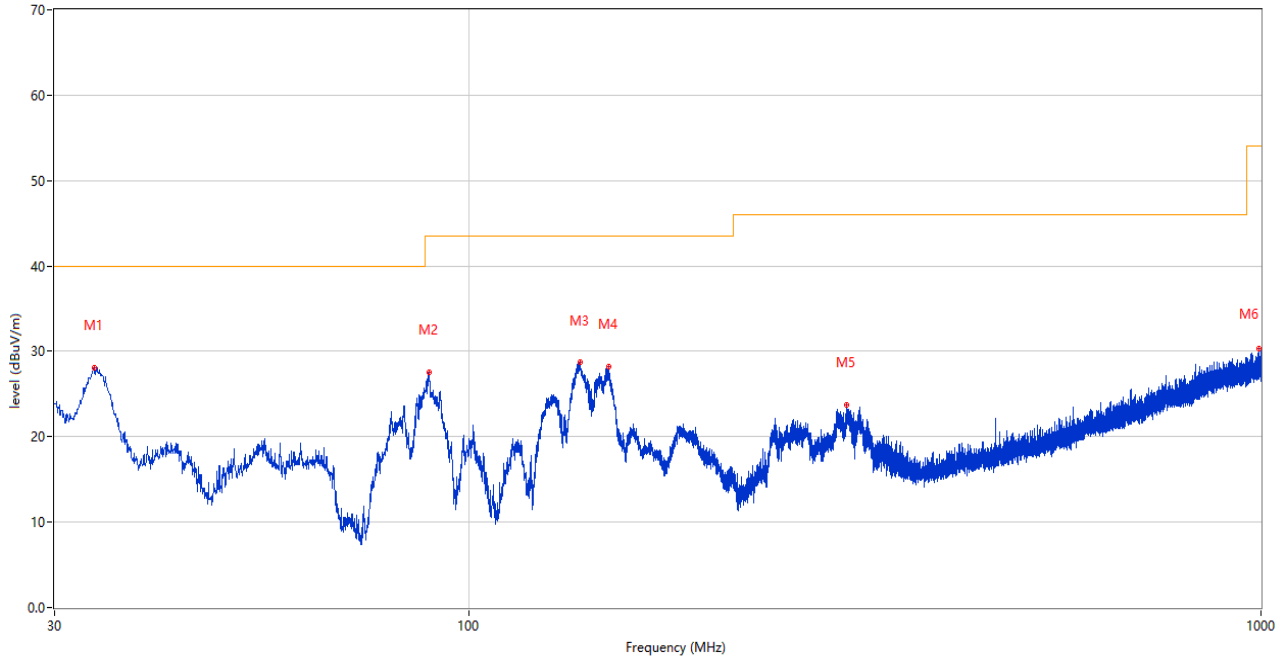
RE Test case\_FCC Part 15B\_FCC Part 15B Class B 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	65.890	12.98	-27.77	40.0	-27.02	Peak	107.00	100	Horizontal	Pass
2	127.000	21.41	-29.53	43.5	-22.09	Peak	273.00	200	Horizontal	Pass
3	137.767	25.04	-30.20	43.5	-18.46	Peak	273.00	200	Horizontal	Pass
4	148.825	23.29	-30.06	43.5	-20.21	Peak	269.00	200	Horizontal	Pass
5	301.940	27.77	-23.74	46.0	-18.23	Peak	253.00	100	Horizontal	Pass
6	888.062	30.42	-10.17	46.0	-15.58	Peak	114.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

RE Test case\_FCC Part 15B\_FCC Part 15B Class B 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	33.638	28.04	-28.84	40.0	-11.96	Peak	164.00	100	Vertical	Pass
2	89.024	27.58	-28.83	43.5	-15.92	Peak	246.00	100	Vertical	Pass
3	138.301	28.67	-30.19	43.5	-14.83	Peak	0.00	100	Vertical	Pass
4	150.038	28.25	-30.06	43.5	-15.25	Peak	359.00	100	Vertical	Pass
5	300.048	23.73	-23.67	46.0	-22.27	Peak	141.00	200	Vertical	Pass
6	992.870	30.26	-8.40	54.0	-23.74	Peak	277.00	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 Channel 1

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1420.300	42.75	-16.66	74.0	-31.25	Peak	110.00	150	Horizontal	Pass
1**	1420.300	29.14	-16.66	54.0	-24.86	AV	110.00	150	Horizontal	Pass
2	2410.700	106.75	-12.21	74.0	32.75	Peak	24.00	150	Horizontal	N/A
2**	2410.700	103.84	-12.21	54.0	49.84	AV	24.00	150	Horizontal	N/A
3	4979.000	52.86	0.93	74.0	-21.14	Peak	83.00	150	Horizontal	Pass
3**	4979.000	44.87	0.93	54.0	-9.13	AV	83.00	150	Horizontal	Pass
4	7923.000	56.50	2.97	74.0	-17.50	Peak	188.00	150	Horizontal	Pass
4**	7923.000	47.50	2.97	54.0	-6.50	AV	188.00	150	Horizontal	Pass
5	13361.000	56.16	5.16	74.0	-17.84	Peak	247.00	150	Horizontal	Pass
5**	13361.000	46.91	5.16	54.0	-7.09	AV	247.00	150	Horizontal	Pass
6	17170.000	54.45	2.53	74.0	-19.55	Peak	116.00	150	Horizontal	Pass
6**	17170.000	44.59	2.53	54.0	-9.41	AV	116.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2119.200	48.16	-13.24	74.0	-25.84	Peak	318.00	150	Vertical	Pass
1**	2119.200	35.80	-13.24	54.0	-18.20	AV	318.00	150	Vertical	Pass
2	2410.900	95.95	-12.18	74.0	21.95	Peak	207.00	150	Vertical	N/A
2**	2410.900	93.01	-12.18	54.0	39.01	AV	207.00	150	Vertical	N/A
3	4892.500	52.96	0.22	74.0	-21.04	Peak	353.00	150	Vertical	Pass
3**	4892.500	42.68	0.22	54.0	-11.32	AV	353.00	150	Vertical	Pass
4	7916.000	56.33	2.86	74.0	-17.67	Peak	293.00	150	Vertical	Pass
4**	7916.000	46.43	2.86	54.0	-7.57	AV	293.00	150	Vertical	Pass
5	13397.500	56.78	4.92	74.0	-17.22	Peak	1.00	150	Vertical	Pass
5**	13397.500	46.35	4.92	54.0	-7.65	AV	1.00	150	Vertical	Pass
6	17104.000	54.42	3.69	74.0	-19.58	Peak	154.00	150	Vertical	Pass
6**	17104.000	46.63	3.69	54.0	-7.37	AV	154.00	150	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11b Channel 2

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1573.900	42.00	-16.71	74.0	-32.00	Peak	341.00	150	Horizontal	Pass
1**	1573.900	29.58	-16.71	54.0	-24.42	AV	341.00	150	Horizontal	Pass
2	2415.100	106.92	-12.00	74.0	32.92	Peak	15.00	150	Horizontal	N/A
2**	2415.100	104.14	-12.00	54.0	50.14	AV	15.00	150	Horizontal	N/A
3	4991.500	53.16	0.63	74.0	-20.84	Peak	86.00	150	Horizontal	Pass
3**	4991.500	43.59	0.63	54.0	-10.41	AV	86.00	150	Horizontal	Pass
4	7712.750	55.10	2.28	74.0	-18.90	Peak	1.00	150	Horizontal	Pass
4**	7712.750	46.10	2.28	54.0	-7.90	AV	1.00	150	Horizontal	Pass
5	13795.500	56.50	5.61	74.0	-17.50	Peak	359.00	150	Horizontal	Pass
5**	13795.500	47.33	5.61	54.0	-6.67	AV	359.00	150	Horizontal	Pass
6	17174.500	55.02	2.44	74.0	-18.98	Peak	222.00	150	Horizontal	Pass
6**	17174.500	43.91	2.44	54.0	-10.09	AV	222.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11b Channel 2

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1344.700	42.46	-16.60	74.0	-31.54	Peak	251.00	150	Vertical	Pass
1**	1344.700	29.68	-16.60	54.0	-24.32	AV	251.00	150	Vertical	Pass
2	2415.800	94.75	-11.96	74.0	20.75	Peak	275.00	150	Vertical	N/A
2**	2415.800	91.86	-11.96	54.0	37.86	AV	275.00	150	Vertical	N/A
3	4786.000	52.31	0.93	74.0	-21.69	Peak	242.00	150	Vertical	Pass
3**	4786.000	43.07	0.93	54.0	-10.93	AV	242.00	150	Vertical	Pass
4	7562.250	55.62	2.73	74.0	-18.38	Peak	205.00	150	Vertical	Pass
4**	7562.250	45.55	2.73	54.0	-8.45	AV	205.00	150	Vertical	Pass
5	13356.000	56.49	5.19	74.0	-17.51	Peak	213.00	150	Vertical	Pass
5**	13356.000	47.23	5.19	54.0	-6.77	AV	213.00	150	Vertical	Pass
6	17100.000	54.55	3.75	74.0	-19.45	Peak	37.00	150	Vertical	Pass
6**	17100.000	46.29	3.75	54.0	-7.71	AV	37.00	150	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11b Channel 3

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1672.300	43.13	-16.37	74.0	-30.87	Peak	51.00	150	Horizontal	Pass
1**	1672.300	31.10	-16.37	54.0	-22.90	AV	51.00	150	Horizontal	Pass
2	2420.800	106.95	-11.87	74.0	32.95	Peak	27.00	150	Horizontal	N/A
2**	2420.800	104.05	-11.87	54.0	50.05	AV	27.00	150	Horizontal	N/A
3	4844.000	52.19	0.30	74.0	-21.81	Peak	172.00	150	Horizontal	Pass
3**	4844.000	47.82	0.30	54.0	-6.18	AV	172.00	150	Horizontal	Pass
4	7613.000	55.82	2.09	74.0	-18.18	Peak	352.00	150	Horizontal	Pass
4**	7613.000	45.87	2.09	54.0	-8.13	AV	352.00	150	Horizontal	Pass
5	14048.000	57.35	5.37	74.0	-16.65	Peak	241.00	150	Horizontal	Pass
5**	14048.000	48.11	5.37	54.0	-5.89	AV	241.00	150	Horizontal	Pass
6	17105.000	55.28	3.67	74.0	-18.72	Peak	206.00	150	Horizontal	Pass
6**	17105.000	46.75	3.67	54.0	-7.25	AV	206.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11b Channel 3

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1542.100	42.77	-16.72	74.0	-31.23	Peak	316.00	150	Vertical	Pass
1**	1542.100	29.22	-16.72	54.0	-24.78	AV	316.00	150	Vertical	Pass
2	2420.300	96.22	-11.86	74.0	22.22	Peak	121.00	150	Vertical	N/A
2**	2420.300	93.28	-11.86	54.0	39.28	AV	121.00	150	Vertical	N/A
3	4785.500	52.75	0.96	74.0	-21.25	Peak	107.00	150	Vertical	Pass
3**	4785.500	43.18	0.96	54.0	-10.82	AV	107.00	150	Vertical	Pass
4	7790.500	56.02	3.04	74.0	-17.98	Peak	81.00	150	Vertical	Pass
4**	7790.500	47.34	3.04	54.0	-6.66	AV	81.00	150	Vertical	Pass
5	11305.500	54.56	2.24	74.0	-19.44	Peak	259.00	150	Vertical	Pass
5**	11305.500	46.24	2.24	54.0	-7.76	AV	259.00	150	Vertical	Pass
6	17096.500	55.21	3.61	74.0	-18.79	Peak	136.00	150	Vertical	Pass
6**	17096.500	46.41	3.61	54.0	-7.59	AV	136.00	150	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11b Channel 4

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1412.700	41.94	-16.71	74.0	-32.06	Peak	177.00	150	Horizontal	Pass
1**	1412.700	29.20	-16.71	54.0	-24.80	AV	177.00	150	Horizontal	Pass
2	2425.800	106.24	-11.55	74.0	32.24	Peak	19.00	150	Horizontal	N/A
2**	2425.800	103.29	-11.55	54.0	49.29	AV	19.00	150	Horizontal	N/A
3	4854.250	51.77	0.37	74.0	-22.23	Peak	164.00	150	Horizontal	Pass
3**	4854.250	47.44	0.37	54.0	-6.56	AV	164.00	150	Horizontal	Pass
4	7776.750	56.51	3.18	74.0	-17.49	Peak	20.00	150	Horizontal	Pass
4**	7776.750	47.35	3.18	54.0	-6.65	AV	20.00	150	Horizontal	Pass
5	11278.000	55.18	2.13	74.0	-18.82	Peak	262.00	150	Horizontal	Pass
5**	11278.000	45.99	2.13	54.0	-8.01	AV	262.00	150	Horizontal	Pass
6	15261.000	56.19	3.36	74.0	-17.81	Peak	220.00	150	Horizontal	Pass
6**	15261.000	47.06	3.36	54.0	-6.94	AV	220.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11b Channel 4

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1536.300	42.32	-16.72	74.0	-31.68	Peak	343.00	150	Vertical	Pass
1**	1536.300	30.79	-16.72	54.0	-23.21	AV	343.00	150	Vertical	Pass
2	2425.900	96.05	-11.54	74.0	22.05	Peak	87.00	150	Vertical	N/A
2**	2425.900	93.14	-11.54	54.0	39.14	AV	87.00	150	Vertical	N/A
3	4129.250	50.54	-3.08	74.0	-23.46	Peak	360.00	150	Vertical	Pass
3**	4129.250	39.99	-3.08	54.0	-14.01	AV	360.00	150	Vertical	Pass
4	7042.500	56.07	1.44	74.0	-17.93	Peak	43.00	150	Vertical	Pass
4**	7042.500	46.79	1.44	54.0	-7.21	AV	43.00	150	Vertical	Pass
5	9285.000	53.84	1.98	74.0	-20.16	Peak	98.00	150	Vertical	Pass
5**	9285.000	45.04	1.98	54.0	-8.96	AV	98.00	150	Vertical	Pass
6	14301.500	57.51	5.09	74.0	-16.49	Peak	171.00	150	Vertical	Pass
6**	14301.500	46.99	5.09	54.0	-7.01	AV	171.00	150	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11b Channel 5

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1591.000	43.27	-16.92	74.0	-30.73	Peak	171.00	150	Horizontal	Pass
1**	1591.000	30.55	-16.92	54.0	-23.45	AV	171.00	150	Horizontal	Pass
2	2430.500	106.48	-11.73	74.0	32.48	Peak	25.00	150	Horizontal	N/A
2**	2430.500	103.58	-11.73	54.0	49.58	AV	25.00	150	Horizontal	N/A
3	4864.000	53.01	0.08	74.0	-20.99	Peak	166.00	150	Horizontal	Pass
3**	4864.000	46.72	0.08	54.0	-7.28	AV	166.00	150	Horizontal	Pass
4	7967.250	56.16	2.32	74.0	-17.84	Peak	190.00	150	Horizontal	Pass
4**	7967.250	46.32	2.32	54.0	-7.68	AV	190.00	150	Horizontal	Pass
5	11910.000	56.64	2.36	74.0	-17.36	Peak	184.00	150	Horizontal	Pass
5**	11910.000	47.08	2.36	54.0	-6.92	AV	184.00	150	Horizontal	Pass
6	17099.000	55.04	3.71	74.0	-18.96	Peak	156.00	150	Horizontal	Pass
6**	17099.000	47.42	3.71	54.0	-6.58	AV	156.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11b Channel 5

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1529.700	42.98	-16.72	74.0	-31.02	Peak	220.00	150	Vertical	Pass
1**	1529.700	29.79	-16.72	54.0	-24.21	AV	220.00	150	Vertical	Pass
2	2430.500	95.25	-11.73	74.0	21.25	Peak	86.00	150	Vertical	N/A
2**	2430.500	92.44	-11.73	54.0	38.44	AV	86.00	150	Vertical	N/A
3	4319.250	50.93	-2.19	74.0	-23.07	Peak	308.00	150	Vertical	Pass
3**	4319.250	40.91	-2.19	54.0	-13.09	AV	308.00	150	Vertical	Pass
4	6452.250	55.49	2.55	74.0	-18.51	Peak	248.00	150	Vertical	Pass
4**	6452.250	46.14	2.55	54.0	-7.86	AV	248.00	150	Vertical	Pass
5	10025.500	54.16	1.73	74.0	-19.84	Peak	115.00	150	Vertical	Pass
5**	10025.500	45.00	1.73	54.0	-9.00	AV	115.00	150	Vertical	Pass
6	17123.500	56.21	3.37	74.0	-17.79	Peak	233.00	150	Vertical	Pass
6**	17123.500	46.13	3.37	54.0	-7.87	AV	233.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11b Channel 6

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1363.300	42.45	-16.76	74.0	-31.55	Peak	198.00	150	Horizontal	Pass
1**	1363.300	28.96	-16.76	54.0	-25.04	AV	198.00	150	Horizontal	Pass
2	2438.500	106.56	-12.17	74.0	32.56	Peak	14.00	150	Horizontal	N/A
2**	2438.500	103.69	-12.17	54.0	49.69	AV	14.00	150	Horizontal	N/A
3	4874.250	52.49	0.21	74.0	-21.51	Peak	183.00	150	Horizontal	Pass
3**	4874.250	47.50	0.21	54.0	-6.50	AV	183.00	150	Horizontal	Pass
4	7772.500	56.05	2.91	74.0	-17.95	Peak	158.00	150	Horizontal	Pass
4**	7772.500	45.92	2.91	54.0	-8.08	AV	158.00	150	Horizontal	Pass
5	13799.999	56.15	5.81	74.0	-17.85	Peak	100.00	150	Horizontal	Pass
5**	13799.999	47.58	5.81	54.0	-6.42	AV	100.00	150	Horizontal	Pass
6	17803.999	55.55	2.77	74.0	-18.45	Peak	359.00	150	Horizontal	Pass
6**	17803.999	45.40	2.77	54.0	-8.60	AV	359.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11b Channel 6

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1665.100	42.33	-16.25	74.0	-31.67	Peak	127.00	150	Vertical	Pass
1**	1665.100	31.07	-16.25	54.0	-22.93	AV	127.00	150	Vertical	Pass
2	2438.300	93.97	-12.16	74.0	19.97	Peak	208.00	150	Vertical	N/A
2**	2438.300	91.13	-12.16	54.0	37.13	AV	208.00	150	Vertical	N/A
3	5298.500	52.93	0.29	74.0	-21.07	Peak	57.00	150	Vertical	Pass
3**	5298.500	43.21	0.29	54.0	-10.79	AV	57.00	150	Vertical	Pass
4	7959.750	55.90	2.76	74.0	-18.10	Peak	128.00	150	Vertical	Pass
4**	7959.750	45.96	2.76	54.0	-8.04	AV	128.00	150	Vertical	Pass
5	13644.500	56.51	5.09	74.0	-17.49	Peak	333.00	150	Vertical	Pass
5**	13644.500	46.85	5.09	54.0	-7.15	AV	333.00	150	Vertical	Pass
6	17112.001	54.46	3.56	74.0	-19.54	Peak	261.00	150	Vertical	Pass
6**	17112.001	46.18	3.56	54.0	-7.82	AV	261.00	150	Vertical	Pass



## 1 GHz to 18 GHz, ANT H 802.11b Channel 7

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1579.600	43.07	-16.85	74.0	-30.93	Peak	89.00	150	Horizontal	Pass
1**	1579.600	29.13	-16.85	54.0	-24.87	AV	89.00	150	Horizontal	Pass
2	2443.400	107.39	-12.19	74.0	33.39	Peak	18.00	150	Horizontal	N/A
2**	2443.400	103.98	-12.19	54.0	49.98	AV	18.00	150	Horizontal	N/A
3	4884.250	53.47	0.31	74.0	-20.53	Peak	163.00	150	Horizontal	Pass
3**	4884.250	47.39	0.31	54.0	-6.61	AV	163.00	150	Horizontal	Pass
4	7419.750	56.01	3.07	74.0	-17.99	Peak	247.00	150	Horizontal	Pass
4**	7419.750	46.13	3.07	54.0	-7.87	AV	247.00	150	Horizontal	Pass
5	12010.000	56.73	2.33	74.0	-17.27	Peak	103.00	150	Horizontal	Pass
5**	12010.000	46.47	2.33	54.0	-7.53	AV	103.00	150	Horizontal	Pass
6	17100.500	55.87	3.74	74.0	-18.13	Peak	220.00	150	Horizontal	Pass
6**	17100.500	46.58	3.74	54.0	-7.42	AV	220.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11b Channel 7

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.200	43.13	-16.80	74.0	-30.87	Peak	286.00	150	Vertical	Pass
1**	1499.200	29.96	-16.80	54.0	-24.04	AV	286.00	150	Vertical	Pass
2	2443.400	100.15	-12.19	74.0	26.15	Peak	87.00	150	Vertical	N/A
2**	2443.400	97.23	-12.19	54.0	43.23	AV	87.00	150	Vertical	N/A
3	4783.750	53.13	0.95	74.0	-20.87	Peak	54.00	150	Vertical	Pass
3**	4783.750	44.26	0.95	54.0	-9.74	AV	54.00	150	Vertical	Pass
4	7791.500	56.85	3.00	74.0	-17.15	Peak	43.00	150	Vertical	Pass
4**	7791.500	47.19	3.00	54.0	-6.81	AV	43.00	150	Vertical	Pass
5	11183.500	55.17	1.76	74.0	-18.83	Peak	-1.00	150	Vertical	Pass
5**	11183.500	45.15	1.76	54.0	-8.85	AV	-1.00	150	Vertical	Pass
6	15276.500	55.73	3.31	74.0	-18.27	Peak	-1.00	150	Vertical	Pass
6**	15276.500	46.00	3.31	54.0	-8.00	AV	-1.00	150	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11b Channel 8

No.	Frequency (MHz)	Results (dBUV/m)	Factor (dB)	Limit (dBUV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1575.200	43.02	-16.72	74.0	-30.98	Peak	91.00	150	Horizontal	Pass
1**	1575.200	30.84	-16.72	54.0	-23.16	AV	91.00	150	Horizontal	Pass
2	2445.500	107.78	-11.98	74.0	33.78	Peak	20.00	150	Horizontal	N/A
2**	2445.500	104.95	-11.98	54.0	50.95	AV	20.00	150	Horizontal	N/A
3	3969.000	50.24	-2.96	74.0	-23.76	Peak	257.00	150	Horizontal	Pass
3**	3969.000	39.48	-2.96	54.0	-14.52	AV	257.00	150	Horizontal	Pass
4	7671.000	56.41	1.75	74.0	-17.59	Peak	209.00	150	Horizontal	Pass
4**	7671.000	46.22	1.75	54.0	-7.78	AV	209.00	150	Horizontal	Pass
5	10798.500	55.17	2.17	74.0	-18.83	Peak	40.00	150	Horizontal	Pass
5**	10798.500	45.07	2.17	54.0	-8.93	AV	40.00	150	Horizontal	Pass
6	17143.000	55.37	3.05	74.0	-18.63	Peak	229.00	150	Horizontal	Pass
6**	17143.000	46.06	3.05	54.0	-7.94	AV	229.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11b Channel 8

No.	Frequency (MHz)	Results (dBUV/m)	Factor (dB)	Limit (dBUV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1652.900	43.75	-16.73	74.0	-30.25	Peak	165.00	150	Vertical	Pass
1**	1652.900	30.22	-16.73	54.0	-23.78	AV	165.00	150	Vertical	Pass
2	2445.600	101.16	-11.99	74.0	27.16	Peak	84.00	150	Vertical	N/A
2**	2445.600	98.25	-11.99	54.0	44.25	AV	84.00	150	Vertical	N/A
3	3896.500	50.15	-2.21	74.0	-23.85	Peak	272.00	150	Vertical	Pass
3**	3896.500	39.90	-2.21	54.0	-14.10	AV	272.00	150	Vertical	Pass
4	6335.750	55.82	1.02	74.0	-18.18	Peak	332.00	150	Vertical	Pass
4**	6335.750	45.53	1.02	54.0	-8.47	AV	332.00	150	Vertical	Pass
5	8924.500	53.65	0.73	74.0	-20.35	Peak	305.00	150	Vertical	Pass
5**	8924.500	43.95	0.73	54.0	-10.05	AV	305.00	150	Vertical	Pass
6	13341.500	56.64	4.93	74.0	-17.36	Peak	47.00	150	Vertical	Pass
6**	13341.500	47.93	4.93	54.0	-6.07	AV	47.00	150	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11b Channel 9

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1740.000	42.10	-16.48	74.0	-31.90	Peak	127.00	150	Horizontal	Pass
1**	1740.000	30.33	-16.48	54.0	-23.67	AV	127.00	150	Horizontal	Pass
2	2450.300	107.25	-11.99	74.0	33.25	Peak	9.00	150	Horizontal	N/A
2**	2450.300	104.34	-11.99	54.0	50.34	AV	9.00	150	Horizontal	N/A
3	4904.000	52.40	0.33	74.0	-21.60	Peak	144.00	150	Horizontal	Pass
3**	4904.000	47.83	0.33	54.0	-6.17	AV	144.00	150	Horizontal	Pass
4	7934.250	55.87	3.24	74.0	-18.13	Peak	18.00	150	Horizontal	Pass
4**	7934.250	46.73	3.24	54.0	-7.27	AV	18.00	150	Horizontal	Pass
5	13398.500	56.38	4.91	74.0	-17.62	Peak	73.00	150	Horizontal	Pass
5**	13398.500	47.16	4.91	54.0	-6.84	AV	73.00	150	Horizontal	Pass
6	17098.500	55.03	3.69	74.0	-18.97	Peak	73.00	150	Horizontal	Pass
6**	17098.500	47.96	3.69	54.0	-6.04	AV	73.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11b Channel 9

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1689.700	42.95	-16.62	74.0	-31.05	Peak	153.00	150	Vertical	Pass
1**	1689.700	29.88	-16.62	54.0	-24.12	AV	153.00	150	Vertical	Pass
2	2450.700	95.80	-12.01	74.0	21.80	Peak	234.00	150	Vertical	N/A
2**	2450.700	92.73	-12.01	54.0	38.73	AV	234.00	150	Vertical	N/A
3	4904.000	52.89	0.33	74.0	-21.11	Peak	165.00	150	Vertical	Pass
3**	4904.000	43.80	0.33	54.0	-10.20	AV	165.00	150	Vertical	Pass
4	7782.500	56.06	3.17	74.0	-17.94	Peak	69.00	150	Vertical	Pass
4**	7782.500	45.99	3.17	54.0	-8.01	AV	69.00	150	Vertical	Pass
5	13351.000	56.15	5.23	74.0	-17.85	Peak	320.00	150	Vertical	Pass
5**	13351.000	47.52	5.23	54.0	-6.48	AV	320.00	150	Vertical	Pass
6	17110.500	55.04	3.58	74.0	-18.96	Peak	131.00	150	Vertical	Pass
6**	17110.500	45.52	3.58	54.0	-8.48	AV	131.00	150	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11b Channel 10

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1887.400	44.45	-15.52	74.0	-29.55	Peak	22.00	150	Horizontal	Pass
1**	1887.400	31.39	-15.52	54.0	-22.61	AV	22.00	150	Horizontal	Pass
2	2455.400	105.28	-11.84	74.0	31.28	Peak	10.00	150	Horizontal	N/A
2**	2455.400	102.32	-11.84	54.0	48.32	AV	10.00	150	Horizontal	N/A
3	4914.000	52.00	0.86	74.0	-22.00	Peak	165.00	150	Horizontal	Pass
3**	4914.000	47.11	0.86	54.0	-6.89	AV	165.00	150	Horizontal	Pass
4	7940.500	56.03	3.33	74.0	-17.97	Peak	0.00	150	Horizontal	Pass
4**	7940.500	47.24	3.33	54.0	-6.76	AV	0.00	150	Horizontal	Pass
5	13795.000	57.03	5.59	74.0	-16.97	Peak	263.00	150	Horizontal	Pass
5**	13795.000	46.98	5.59	54.0	-7.02	AV	263.00	150	Horizontal	Pass
6	17112.001	54.89	3.56	74.0	-19.11	Peak	1.00	150	Horizontal	Pass
6**	17112.001	45.36	3.56	54.0	-8.64	AV	1.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11b Channel 10

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1733.100	42.55	-16.54	74.0	-31.45	Peak	63.00	150	Vertical	Pass
1**	1733.100	30.30	-16.54	54.0	-23.70	AV	63.00	150	Vertical	Pass
2	2455.800	90.02	-11.80	74.0	16.02	Peak	122.00	150	Vertical	N/A
2**	2455.800	87.14	-11.80	54.0	33.14	AV	122.00	150	Vertical	N/A
3	4890.000	52.67	0.25	74.0	-21.33	Peak	291.00	150	Vertical	Pass
3**	4890.000	42.62	0.25	54.0	-11.38	AV	291.00	150	Vertical	Pass
4	7918.250	56.23	2.90	74.0	-17.77	Peak	118.00	150	Vertical	Pass
4**	7918.250	46.91	2.90	54.0	-7.09	AV	118.00	150	Vertical	Pass
5	13812.500	57.52	5.65	74.0	-16.48	Peak	12.00	150	Vertical	Pass
5**	13812.500	47.85	5.65	54.0	-6.15	AV	12.00	150	Vertical	Pass
6	17094.000	54.71	3.52	74.0	-19.29	Peak	173.00	150	Vertical	Pass
6**	17094.000	45.58	3.52	54.0	-8.42	AV	173.00	150	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11b Channel 11

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1722.500	42.54	-16.40	74.0	-31.46	Peak	217.00	150	Horizontal	Pass
1**	1722.500	29.39	-16.40	54.0	-24.61	AV	217.00	150	Horizontal	Pass
2	2463.400	104.70	-11.51	74.0	30.70	Peak	241.00	150	Horizontal	N/A
2**	2463.400	101.80	-11.51	54.0	47.80	AV	241.00	150	Horizontal	N/A
3	4924.000	52.50	0.93	74.0	-21.50	Peak	160.00	150	Horizontal	Pass
3**	4924.000	46.98	0.93	54.0	-7.02	AV	160.00	150	Horizontal	Pass
4	7929.750	55.74	3.10	74.0	-18.26	Peak	184.00	150	Horizontal	Pass
4**	7929.750	46.57	3.10	54.0	-7.43	AV	184.00	150	Horizontal	Pass
5	13376.500	56.07	5.06	74.0	-17.93	Peak	172.00	150	Horizontal	Pass
5**	13376.500	47.24	5.06	54.0	-6.76	AV	172.00	150	Horizontal	Pass
6	17805.001	55.19	2.74	74.0	-18.81	Peak	55.00	150	Horizontal	Pass
6**	17805.001	46.33	2.74	54.0	-7.67	AV	55.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11b Channel 11

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1651.900	42.75	-16.72	74.0	-31.25	Peak	183.00	150	Vertical	Pass
1**	1651.900	29.39	-16.72	54.0	-24.61	AV	183.00	150	Vertical	Pass
2	2463.200	89.44	-11.52	74.0	15.44	Peak	117.00	150	Vertical	N/A
2**	2463.200	86.41	-11.52	54.0	32.41	AV	117.00	150	Vertical	N/A
3	5152.500	53.10	-0.08	74.0	-20.90	Peak	272.00	150	Vertical	Pass
3**	5152.500	42.96	-0.08	54.0	-11.04	AV	272.00	150	Vertical	Pass
4	7923.000	55.69	2.97	74.0	-18.31	Peak	360.00	150	Vertical	Pass
4**	7923.000	46.61	2.97	54.0	-7.39	AV	360.00	150	Vertical	Pass
5	13621.500	56.49	4.89	74.0	-17.51	Peak	206.00	150	Vertical	Pass
5**	13621.500	47.49	4.89	54.0	-6.51	AV	206.00	150	Vertical	Pass
6	17102.000	55.36	3.72	74.0	-18.64	Peak	105.00	150	Vertical	Pass
6**	17102.000	45.65	3.72	54.0	-8.35	AV	105.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1716.700	44.18	-16.32	74.0	-29.82	Peak	78.00	150	Horizontal	Pass
1**	1716.700	30.27	-16.32	54.0	-23.73	AV	78.00	150	Horizontal	Pass
2	2414.800	109.86	-12.03	74.0	35.86	Peak	25.00	150	Horizontal	N/A
2**	2414.800	101.56	-12.03	54.0	47.56	AV	25.00	150	Horizontal	N/A
3	4923.500	52.32	0.92	74.0	-21.68	Peak	190.00	150	Horizontal	Pass
3**	4923.500	42.65	0.92	54.0	-11.35	AV	190.00	150	Horizontal	Pass
4	7710.500	56.02	2.38	74.0	-17.98	Peak	298.00	150	Horizontal	Pass
4**	7710.500	46.00	2.38	54.0	-8.00	AV	298.00	150	Horizontal	Pass
5	13534.000	55.87	4.39	74.0	-18.13	Peak	278.00	150	Horizontal	Pass
5**	13534.000	46.68	4.39	54.0	-7.32	AV	278.00	150	Horizontal	Pass
6	17102.000	54.14	3.72	74.0	-19.86	Peak	33.00	150	Horizontal	Pass
6**	17102.000	46.44	3.72	54.0	-7.56	AV	33.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1762.500	42.82	-16.23	74.0	-31.18	Peak	174.00	150	Vertical	Pass
1**	1762.500	29.95	-16.23	54.0	-24.05	AV	174.00	150	Vertical	Pass
2	2409.400	95.72	-12.16	74.0	21.72	Peak	215.00	150	Vertical	N/A
2**	2409.400	88.44	-12.16	54.0	34.44	AV	215.00	150	Vertical	N/A
3	4890.500	53.56	0.26	74.0	-20.44	Peak	305.00	150	Vertical	Pass
3**	4890.500	43.91	0.26	54.0	-10.09	AV	305.00	150	Vertical	Pass
4	7983.250	55.32	2.13	74.0	-18.68	Peak	329.00	150	Vertical	Pass
4**	7983.250	45.62	2.13	54.0	-8.38	AV	329.00	150	Vertical	Pass
5	13619.500	56.29	4.88	74.0	-17.71	Peak	359.00	150	Vertical	Pass
5**	13619.500	47.21	4.88	54.0	-6.79	AV	359.00	150	Vertical	Pass
6	17142.000	54.41	3.06	74.0	-19.59	Peak	305.00	150	Vertical	Pass
6**	17142.000	45.60	3.06	54.0	-8.40	AV	305.00	150	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11g Channel 2

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1629.700	42.50	-16.67	74.0	-31.50	Peak	163.00	150	Horizontal	Pass
1**	1629.700	30.67	-16.67	54.0	-23.33	AV	163.00	150	Horizontal	Pass
2	2413.700	109.18	-12.09	74.0	35.18	Peak	24.00	150	Horizontal	N/A
2**	2413.700	101.81	-12.09	54.0	47.81	AV	24.00	150	Horizontal	N/A
3	5027.250	52.48	0.08	74.0	-21.52	Peak	133.00	150	Horizontal	Pass
3**	5027.250	43.21	0.08	54.0	-10.79	AV	133.00	150	Horizontal	Pass
4	7313.250	56.16	1.47	74.0	-17.84	Peak	360.00	150	Horizontal	Pass
4**	7313.250	45.21	1.47	54.0	-8.79	AV	360.00	150	Horizontal	Pass
5	13373.000	56.71	5.08	74.0	-17.29	Peak	65.00	150	Horizontal	Pass
5**	13373.000	46.89	5.08	54.0	-7.11	AV	65.00	150	Horizontal	Pass
6	17078.000	54.77	2.89	74.0	-19.23	Peak	247.00	150	Horizontal	Pass
6**	17078.000	45.41	2.89	54.0	-8.59	AV	247.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11g Channel 2

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1621.900	43.24	-16.68	74.0	-30.76	Peak	354.00	150	Vertical	Pass
1**	1621.900	29.68	-16.68	54.0	-24.32	AV	354.00	150	Vertical	Pass
2	2413.200	96.12	-12.04	74.0	22.12	Peak	237.00	150	Vertical	N/A
2**	2413.200	88.54	-12.04	54.0	34.54	AV	237.00	150	Vertical	N/A
3	5081.750	53.63	0.43	74.0	-20.37	Peak	134.00	150	Vertical	Pass
3**	5081.750	43.26	0.43	54.0	-10.74	AV	134.00	150	Vertical	Pass
4	7662.250	55.35	2.01	74.0	-18.65	Peak	255.00	150	Vertical	Pass
4**	7662.250	45.89	2.01	54.0	-8.11	AV	255.00	150	Vertical	Pass
5	14305.500	56.29	4.99	74.0	-17.71	Peak	41.00	150	Vertical	Pass
5**	14305.500	46.57	4.99	54.0	-7.43	AV	41.00	150	Vertical	Pass
6	17107.500	54.95	3.63	74.0	-19.05	Peak	157.00	150	Vertical	Pass
6**	17107.500	45.43	3.63	54.0	-8.57	AV	157.00	150	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11g Channel 5

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1357.600	41.34	-17.05	74.0	-32.66	Peak	42.00	150	Horizontal	Pass
1**	1357.600	31.73	-17.05	54.0	-22.27	AV	42.00	150	Horizontal	Pass
2	2433.900	108.16	-12.51	74.0	34.16	Peak	357.00	150	Horizontal	N/A
2**	2433.900	100.59	-12.51	54.0	46.59	AV	357.00	150	Horizontal	N/A
3	3610.000	47.42	-4.81	74.0	-26.58	Peak	0.00	150	Horizontal	Pass
3**	3610.000	37.92	-4.81	54.0	-16.08	AV	0.00	150	Horizontal	Pass
4	7119.250	53.65	0.19	74.0	-20.35	Peak	125.00	150	Horizontal	Pass
4**	7119.250	43.87	0.19	54.0	-10.13	AV	125.00	150	Horizontal	Pass
5	9454.500	51.58	-1.39	74.0	-22.42	Peak	104.00	150	Horizontal	Pass
5**	9454.500	43.26	-1.39	54.0	-10.74	AV	104.00	150	Horizontal	Pass
6	12503.500	52.64	-0.16	74.0	-21.36	Peak	266.00	150	Horizontal	Pass
6**	12503.500	43.64	-0.16	54.0	-10.36	AV	266.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11g Channel 5

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1377.800	41.05	-17.17	74.0	-32.95	Peak	77.00	150	Vertical	Pass
1**	1377.800	32.06	-17.17	54.0	-21.94	AV	77.00	150	Vertical	Pass
2	2430.800	95.13	-12.53	74.0	21.13	Peak	89.00	150	Vertical	N/A
2**	2430.800	86.98	-12.53	54.0	32.98	AV	89.00	150	Vertical	N/A
3	3858.000	47.71	-3.61	74.0	-26.29	Peak	218.00	150	Vertical	Pass
3**	3858.000	38.38	-3.61	54.0	-15.62	AV	218.00	150	Vertical	Pass
4	7142.750	53.92	-0.29	74.0	-20.08	Peak	360.00	150	Vertical	Pass
4**	7142.750	44.15	-0.29	54.0	-9.85	AV	360.00	150	Vertical	Pass
5	9435.500	52.21	-1.28	74.0	-21.79	Peak	327.00	150	Vertical	Pass
5**	9435.500	43.05	-1.28	54.0	-10.95	AV	327.00	150	Vertical	Pass
6	13641.000	54.37	1.47	74.0	-19.63	Peak	6.00	150	Vertical	Pass
6**	13641.000	44.24	1.47	54.0	-9.76	AV	6.00	150	Vertical	Pass



## 1 GHz to 18 GHz, ANT H 802.11g Channel 6

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1472.800	42.54	-16.66	74.0	-31.46	Peak	189.00	150	Horizontal	Pass
1**	1472.800	28.82	-16.66	54.0	-25.18	AV	189.00	150	Horizontal	Pass
2	2441.000	109.38	-12.22	74.0	35.38	Peak	14.00	150	Horizontal	N/A
2**	2441.000	102.15	-12.22	54.0	48.15	AV	14.00	150	Horizontal	N/A
3	4897.500	52.65	0.28	74.0	-21.35	Peak	352.00	150	Horizontal	Pass
3**	4897.500	42.60	0.28	54.0	-11.40	AV	352.00	150	Horizontal	Pass
4	7942.000	55.79	3.30	74.0	-18.21	Peak	53.00	150	Horizontal	Pass
4**	7942.000	46.44	3.30	54.0	-7.56	AV	53.00	150	Horizontal	Pass
5	13361.500	56.86	5.16	74.0	-17.14	Peak	68.00	150	Horizontal	Pass
5**	13361.500	48.22	5.16	54.0	-5.78	AV	68.00	150	Horizontal	Pass
6	17784.001	55.09	2.18	74.0	-18.91	Peak	359.00	150	Horizontal	Pass
6**	17784.001	45.44	2.18	54.0	-8.56	AV	359.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11g Channel 6

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1762.600	43.03	-16.25	74.0	-30.97	Peak	24.00	150	Vertical	Pass
1**	1762.600	29.97	-16.25	54.0	-24.03	AV	24.00	150	Vertical	Pass
2	2438.200	96.94	-12.15	74.0	22.94	Peak	212.00	150	Vertical	N/A
2**	2438.200	88.70	-12.15	54.0	34.70	AV	212.00	150	Vertical	N/A
3	4923.000	52.49	0.92	74.0	-21.51	Peak	55.00	150	Vertical	Pass
3**	4923.000	43.26	0.92	54.0	-10.74	AV	55.00	150	Vertical	Pass
4	7960.750	55.53	2.69	74.0	-18.47	Peak	272.00	150	Vertical	Pass
4**	7960.750	46.62	2.69	54.0	-7.38	AV	272.00	150	Vertical	Pass
5	13391.000	56.44	4.96	74.0	-17.56	Peak	1.00	150	Vertical	Pass
5**	13391.000	46.93	4.96	54.0	-7.07	AV	1.00	150	Vertical	Pass
6	17101.000	54.47	3.74	74.0	-19.53	Peak	1.00	150	Vertical	Pass
6**	17101.000	46.33	3.74	54.0	-7.67	AV	1.00	150	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11g Channel 7

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1445.400	42.51	-16.68	74.0	-31.49	Peak	103.00	150	Horizontal	Pass
1**	1445.400	29.02	-16.68	54.0	-24.98	AV	103.00	150	Horizontal	Pass
2	2445.900	109.92	-12.03	74.0	35.92	Peak	14.00	150	Horizontal	N/A
2**	2445.900	101.89	-12.03	54.0	47.89	AV	14.00	150	Horizontal	N/A
3	5076.250	52.98	0.35	74.0	-21.02	Peak	145.00	150	Horizontal	Pass
3**	5076.250	43.23	0.35	54.0	-10.77	AV	145.00	150	Horizontal	Pass
4	7708.000	55.94	2.47	74.0	-18.06	Peak	72.00	150	Horizontal	Pass
4**	7708.000	46.43	2.47	54.0	-7.57	AV	72.00	150	Horizontal	Pass
5	13806.500	56.16	5.73	74.0	-17.84	Peak	275.00	150	Horizontal	Pass
5**	13806.500	47.08	5.73	54.0	-6.92	AV	275.00	150	Horizontal	Pass
6	17075.000	55.14	2.77	74.0	-18.86	Peak	12.00	150	Horizontal	Pass
6**	17075.000	46.92	2.77	54.0	-7.08	AV	12.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11g Channel 7

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1446.900	42.19	-16.51	74.0	-31.81	Peak	30.00	150	Vertical	Pass
1**	1446.900	29.87	-16.51	54.0	-24.13	AV	30.00	150	Vertical	Pass
2	2445.800	97.73	-12.01	74.0	23.73	Peak	234.00	150	Vertical	N/A
2**	2445.800	89.88	-12.01	54.0	35.88	AV	234.00	150	Vertical	N/A
3	5043.750	53.05	0.11	74.0	-20.95	Peak	69.00	150	Vertical	Pass
3**	5043.750	43.63	0.11	54.0	-10.37	AV	69.00	150	Vertical	Pass
4	7782.000	55.38	3.18	74.0	-18.62	Peak	263.00	150	Vertical	Pass
4**	7782.000	46.30	3.18	54.0	-7.70	AV	263.00	150	Vertical	Pass
5	13586.500	56.08	4.72	74.0	-17.92	Peak	40.00	150	Vertical	Pass
5**	13586.500	46.75	4.72	54.0	-7.25	AV	40.00	150	Vertical	Pass
6	17111.500	54.39	3.56	74.0	-19.61	Peak	128.00	150	Vertical	Pass
6**	17111.500	45.91	3.56	54.0	-8.09	AV	128.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11g Channel 8

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1451.600	42.24	-16.50	74.0	-31.76	Peak	329.00	150	Horizontal	Pass
1**	1451.600	29.48	-16.50	54.0	-24.52	AV	329.00	150	Horizontal	Pass
2	2445.200	109.80	-12.01	74.0	35.80	Peak	360.00	150	Horizontal	N/A
2**	2445.200	103.06	-12.01	54.0	49.06	AV	360.00	150	Horizontal	N/A
3	4917.500	52.44	0.89	74.0	-21.56	Peak	164.00	150	Horizontal	Pass
3**	4917.500	43.22	0.89	54.0	-10.78	AV	164.00	150	Horizontal	Pass
4	7612.750	56.09	2.07	74.0	-17.91	Peak	21.00	150	Horizontal	Pass
4**	7612.750	45.38	2.07	54.0	-8.62	AV	21.00	150	Horizontal	Pass
5	13809.000	56.66	5.70	74.0	-17.34	Peak	264.00	150	Horizontal	Pass
5**	13809.000	47.52	5.70	54.0	-6.48	AV	264.00	150	Horizontal	Pass
6	17124.500	54.58	3.35	74.0	-19.42	Peak	1.00	150	Horizontal	Pass
6**	17124.500	46.01	3.35	54.0	-7.99	AV	1.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11g Channel 8

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1579.200	42.17	-16.81	74.0	-31.83	Peak	96.00	150	Vertical	Pass
1**	1579.200	29.11	-16.81	54.0	-24.89	AV	96.00	150	Vertical	Pass
2	2444.400	97.77	-12.10	74.0	23.77	Peak	232.00	150	Vertical	N/A
2**	2444.400	90.79	-12.10	54.0	36.79	AV	232.00	150	Vertical	N/A
3	4972.500	52.12	0.94	74.0	-21.88	Peak	192.00	150	Vertical	Pass
3**	4972.500	43.25	0.94	54.0	-10.75	AV	192.00	150	Vertical	Pass
4	7403.250	55.93	2.56	74.0	-18.07	Peak	107.00	150	Vertical	Pass
4**	7403.250	47.29	2.56	54.0	-6.71	AV	107.00	150	Vertical	Pass
5	13861.500	56.37	5.07	74.0	-17.63	Peak	239.00	150	Vertical	Pass
5**	13861.500	46.81	5.07	54.0	-7.19	AV	239.00	150	Vertical	Pass
6	17122.000	55.87	3.39	74.0	-18.13	Peak	223.00	150	Vertical	Pass
6**	17122.000	46.67	3.39	54.0	-7.33	AV	223.00	150	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11g Channel 9

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1306.700	42.45	-16.38	74.0	-31.55	Peak	137.00	150	Horizontal	Pass
1**	1306.700	28.74	-16.38	54.0	-25.26	AV	137.00	150	Horizontal	Pass
2	2449.500	109.89	-11.95	74.0	35.89	Peak	15.00	150	Horizontal	N/A
2**	2449.500	103.10	-11.95	54.0	49.10	AV	15.00	150	Horizontal	N/A
3	4785.000	53.21	0.98	74.0	-20.79	Peak	30.00	150	Horizontal	Pass
3**	4785.000	43.02	0.98	54.0	-10.98	AV	30.00	150	Horizontal	Pass
4	7639.750	55.50	2.51	74.0	-18.50	Peak	137.00	150	Horizontal	Pass
4**	7639.750	46.09	2.51	54.0	-7.91	AV	137.00	150	Horizontal	Pass
5	13389.500	56.12	4.97	74.0	-17.88	Peak	190.00	150	Horizontal	Pass
5**	13389.500	47.09	4.97	54.0	-6.91	AV	190.00	150	Horizontal	Pass
6	17091.000	54.20	3.40	74.0	-19.80	Peak	190.00	150	Horizontal	Pass
6**	17091.000	46.09	3.40	54.0	-7.91	AV	190.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11g Channel 9

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1545.300	42.22	-16.66	74.0	-31.78	Peak	245.00	150	Vertical	Pass
1**	1545.300	29.54	-16.66	54.0	-24.46	AV	245.00	150	Vertical	Pass
2	2449.400	98.08	-11.96	74.0	24.08	Peak	232.00	150	Vertical	N/A
2**	2449.400	90.02	-11.96	54.0	36.02	AV	232.00	150	Vertical	N/A
3	4924.250	52.39	0.92	74.0	-21.61	Peak	208.00	150	Vertical	Pass
3**	4924.250	43.69	0.92	54.0	-10.31	AV	208.00	150	Vertical	Pass
4	7403.000	55.91	2.55	74.0	-18.09	Peak	96.00	150	Vertical	Pass
4**	7403.000	45.85	2.55	54.0	-8.15	AV	96.00	150	Vertical	Pass
5	13808.000	56.28	5.71	74.0	-17.72	Peak	247.00	150	Vertical	Pass
5**	13808.000	46.94	5.71	54.0	-7.06	AV	247.00	150	Vertical	Pass
6	17815.501	55.24	2.38	74.0	-18.76	Peak	1.00	150	Vertical	Pass
6**	17815.501	46.13	2.38	54.0	-7.87	AV	1.00	150	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11g Channel 10

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1532.300	41.85	-16.80	74.0	-32.15	Peak	360.00	150	Horizontal	Pass
1**	1532.300	28.99	-16.80	54.0	-25.01	AV	360.00	150	Horizontal	Pass
2	2455.300	109.22	-11.85	74.0	35.22	Peak	3.00	150	Horizontal	N/A
2**	2455.300	102.51	-11.85	54.0	48.51	AV	3.00	150	Horizontal	N/A
3	4922.250	52.95	0.96	74.0	-21.05	Peak	154.00	150	Horizontal	Pass
3**	4922.250	43.81	0.96	54.0	-10.19	AV	154.00	150	Horizontal	Pass
4	7797.750	56.78	2.62	74.0	-17.22	Peak	94.00	150	Horizontal	Pass
4**	7797.750	46.61	2.62	54.0	-7.39	AV	94.00	150	Horizontal	Pass
5	14059.500	56.06	5.16	74.0	-17.94	Peak	242.00	150	Horizontal	Pass
5**	14059.500	46.90	5.16	54.0	-7.10	AV	242.00	150	Horizontal	Pass
6	17104.000	54.10	3.69	74.0	-19.90	Peak	78.00	150	Horizontal	Pass
6**	17104.000	45.67	3.69	54.0	-8.33	AV	78.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11g Channel 10

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1383.600	43.13	-16.82	74.0	-30.87	Peak	246.00	150	Vertical	Pass
1**	1383.600	29.83	-16.82	54.0	-24.17	AV	246.00	150	Vertical	Pass
2	2458.200	96.77	-11.67	74.0	22.77	Peak	187.00	150	Vertical	N/A
2**	2458.200	89.51	-11.67	54.0	35.51	AV	187.00	150	Vertical	N/A
3	5067.750	52.37	0.15	74.0	-21.63	Peak	266.00	150	Vertical	Pass
3**	5067.750	43.56	0.15	54.0	-10.44	AV	266.00	150	Vertical	Pass
4	7268.750	55.93	1.96	74.0	-18.07	Peak	155.00	150	Vertical	Pass
4**	7268.750	45.83	1.96	54.0	-8.17	AV	155.00	150	Vertical	Pass
5	13582.500	56.06	4.72	74.0	-17.94	Peak	161.00	150	Vertical	Pass
5**	13582.500	47.60	4.72	54.0	-6.40	AV	161.00	150	Vertical	Pass
6	16456.500	54.84	2.08	74.0	-19.16	Peak	359.00	150	Vertical	Pass
6**	16456.500	44.60	2.08	54.0	-9.40	AV	359.00	150	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11g Channel 11

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1635.900	42.20	-16.71	74.0	-31.80	Peak	97.00	150	Horizontal	Pass
1**	1635.900	29.95	-16.71	54.0	-24.05	AV	97.00	150	Horizontal	Pass
2	2464.000	108.55	-11.51	74.0	34.55	Peak	22.00	150	Horizontal	N/A
2**	2464.000	101.26	-11.51	54.0	47.26	AV	22.00	150	Horizontal	N/A
3	4995.000	53.35	0.56	74.0	-20.65	Peak	103.00	150	Horizontal	Pass
3**	4995.000	43.35	0.56	54.0	-10.65	AV	103.00	150	Horizontal	Pass
4	7994.250	55.51	2.63	74.0	-18.49	Peak	115.00	150	Horizontal	Pass
4**	7994.250	46.48	2.63	54.0	-7.52	AV	115.00	150	Horizontal	Pass
5	13354.000	56.66	5.21	74.0	-17.34	Peak	305.00	150	Horizontal	Pass
5**	13354.000	46.70	5.21	54.0	-7.30	AV	305.00	150	Horizontal	Pass
6	17124.500	54.41	3.35	74.0	-19.59	Peak	360.00	150	Horizontal	Pass
6**	17124.500	46.20	3.35	54.0	-7.80	AV	360.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11g Channel 11

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1582.600	42.93	-16.85	74.0	-31.07	Peak	114.00	150	Vertical	Pass
1**	1582.600	29.10	-16.85	54.0	-24.90	AV	114.00	150	Vertical	Pass
2	2465.500	94.82	-11.59	74.0	20.79	Peak	125.00	150	Vertical	N/A
2**	2465.500	86.87	-11.59	54.0	32.87	AV	125.00	150	Vertical	N/A
3	4983.500	53.02	0.84	74.0	-20.98	Peak	161.00	150	Vertical	Pass
3**	4983.500	43.97	0.84	54.0	-10.03	AV	161.00	150	Vertical	Pass
4	7802.000	55.51	2.59	74.0	-18.49	Peak	90.00	150	Vertical	Pass
4**	7802.000	45.86	2.59	54.0	-8.14	AV	90.00	150	Vertical	Pass
5	13835.500	56.47	5.36	74.0	-17.53	Peak	359.00	150	Vertical	Pass
5**	13835.500	46.68	5.36	54.0	-7.32	AV	359.00	150	Vertical	Pass
6	17799.999	55.19	2.91	74.0	-18.81	Peak	130.00	150	Vertical	Pass
6**	17799.999	47.20	2.91	54.0	-6.80	AV	130.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1568.100	41.93	-16.81	74.0	-32.07	Peak	131.00	150	Horizontal	Pass
1**	1568.100	28.84	-16.81	54.0	-25.16	AV	131.00	150	Horizontal	Pass
2	2410.600	110.15	-12.21	74.0	36.15	Peak	26.00	150	Horizontal	N/A
2**	2410.600	102.25	-12.21	54.0	48.25	AV	26.00	150	Horizontal	N/A
3	4986.000	52.88	0.86	74.0	-21.12	Peak	183.00	150	Horizontal	Pass
3**	4986.000	43.67	0.86	54.0	-10.33	AV	183.00	150	Horizontal	Pass
4	7959.750	56.49	2.76	74.0	-17.51	Peak	360.00	150	Horizontal	Pass
4**	7959.750	45.90	2.76	54.0	-8.10	AV	360.00	150	Horizontal	Pass
5	13805.500	55.89	5.74	74.0	-18.11	Peak	244.00	150	Horizontal	Pass
5**	13805.500	47.66	5.74	54.0	-6.34	AV	244.00	150	Horizontal	Pass
6	17099.500	54.62	3.73	74.0	-19.38	Peak	359.00	150	Horizontal	Pass
6**	17099.500	46.37	3.73	54.0	-7.63	AV	359.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1320.900	42.51	-16.48	74.0	-31.49	Peak	0.00	150	Vertical	Pass
1**	1320.900	29.78	-16.48	54.0	-24.22	AV	0.00	150	Vertical	Pass
2	2410.400	96.86	-12.19	74.0	22.86	Peak	159.00	150	Vertical	N/A
2**	2410.400	88.37	-12.19	54.0	34.37	AV	159.00	150	Vertical	N/A
3	5061.750	53.52	0.11	74.0	-20.48	Peak	32.00	150	Vertical	Pass
3**	5061.750	43.86	0.11	54.0	-10.14	AV	32.00	150	Vertical	Pass
4	7922.500	55.95	2.98	74.0	-18.05	Peak	225.00	150	Vertical	Pass
4**	7922.500	46.22	2.98	54.0	-7.78	AV	225.00	150	Vertical	Pass
5	13355.500	56.08	5.20	74.0	-17.92	Peak	205.00	150	Vertical	Pass
5**	13355.500	47.79	5.20	54.0	-6.21	AV	205.00	150	Vertical	Pass
6	17108.500	55.04	3.61	74.0	-18.96	Peak	219.00	150	Vertical	Pass
6**	17108.500	45.98	3.61	54.0	-8.02	AV	219.00	150	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11n20 Channel 2

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1731.700	42.39	-16.54	74.0	-31.61	Peak	165.00	150	Horizontal	Pass
1**	1731.700	29.54	-16.54	54.0	-24.46	AV	165.00	150	Horizontal	Pass
2	2415.300	109.56	-11.99	74.0	35.56	Peak	8.00	150	Horizontal	N/A
2**	2415.300	101.76	-11.99	54.0	47.76	AV	8.00	150	Horizontal	N/A
3	5120.500	52.71	0.28	74.0	-21.29	Peak	144.00	150	Horizontal	Pass
3**	5120.500	43.26	0.28	54.0	-10.74	AV	144.00	150	Horizontal	Pass
4	7011.250	56.15	1.96	74.0	-17.85	Peak	254.00	150	Horizontal	Pass
4**	7011.250	46.66	1.96	54.0	-7.34	AV	254.00	150	Horizontal	Pass
5	13805.000	56.47	5.75	74.0	-17.53	Peak	72.00	150	Horizontal	Pass
5**	13805.000	47.65	5.75	54.0	-6.35	AV	72.00	150	Horizontal	Pass
6	17096.500	54.72	3.61	74.0	-19.28	Peak	0.00	150	Horizontal	Pass
6**	17096.500	45.48	3.61	54.0	-8.52	AV	0.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11n20 Channel 2

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1561.100	42.65	-16.80	74.0	-31.35	Peak	173.00	150	Vertical	Pass
1**	1561.100	29.35	-16.80	54.0	-24.65	AV	173.00	150	Vertical	Pass
2	2413.800	94.74	-12.10	74.0	20.74	Peak	233.00	150	Vertical	N/A
2**	2413.800	87.10	-12.10	54.0	33.10	AV	233.00	150	Vertical	N/A
3	5027.250	52.86	0.08	74.0	-21.14	Peak	224.00	150	Vertical	Pass
3**	5027.250	43.56	0.08	54.0	-10.44	AV	224.00	150	Vertical	Pass
4	7787.500	55.87	3.17	74.0	-18.13	Peak	360.00	150	Vertical	Pass
4**	7787.500	47.27	3.17	54.0	-6.73	AV	360.00	150	Vertical	Pass
5	13812.500	56.90	5.65	74.0	-17.10	Peak	360.00	150	Vertical	Pass
5**	13812.500	46.77	5.65	54.0	-7.23	AV	360.00	150	Vertical	Pass
6	17110.000	54.98	3.59	74.0	-19.02	Peak	348.00	150	Vertical	Pass
6**	17110.000	45.25	3.59	54.0	-8.75	AV	348.00	150	Vertical	Pass



## 1 GHz to 18 GHz, ANT H 802.11n20 Channel 5

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1357.600	41.34	-17.05	74.0	-32.66	Peak	42.00	150	Horizontal	Pass
1**	1357.600	31.73	-17.05	54.0	-22.27	AV	42.00	150	Horizontal	Pass
2	2433.900	108.16	-12.51	74.0	34.16	Peak	357.00	150	Horizontal	N/A
2**	2433.900	100.59	-12.51	54.0	46.59	AV	357.00	150	Horizontal	N/A
3	3610.000	47.42	-4.81	74.0	-26.58	Peak	0.00	150	Horizontal	Pass
3**	3610.000	37.92	-4.81	54.0	-16.08	AV	0.00	150	Horizontal	Pass
4	7119.250	53.65	0.19	74.0	-20.35	Peak	125.00	150	Horizontal	Pass
4**	7119.250	43.87	0.19	54.0	-10.13	AV	125.00	150	Horizontal	Pass
5	9454.500	51.58	-1.39	74.0	-22.42	Peak	104.00	150	Horizontal	Pass
5**	9454.500	43.26	-1.39	54.0	-10.74	AV	104.00	150	Horizontal	Pass
6	12503.500	52.64	-0.16	74.0	-21.36	Peak	266.00	150	Horizontal	Pass
6**	12503.500	43.64	-0.16	54.0	-10.36	AV	266.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11n20 Channel 5

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1377.800	41.05	-17.17	74.0	-32.95	Peak	77.00	150	Vertical	Pass
1**	1377.800	32.06	-17.17	54.0	-21.94	AV	77.00	150	Vertical	Pass
2	2430.800	95.13	-12.53	74.0	21.13	Peak	89.00	150	Vertical	N/A
2**	2430.800	86.98	-12.53	54.0	32.98	AV	89.00	150	Vertical	N/A
3	3858.000	47.71	-3.61	74.0	-26.29	Peak	218.00	150	Vertical	Pass
3**	3858.000	38.38	-3.61	54.0	-15.62	AV	218.00	150	Vertical	Pass
4	7142.750	53.92	-0.29	74.0	-20.08	Peak	360.00	150	Vertical	Pass
4**	7142.750	44.15	-0.29	54.0	-9.85	AV	360.00	150	Vertical	Pass
5	9435.500	52.21	-1.28	74.0	-21.79	Peak	327.00	150	Vertical	Pass
5**	9435.500	43.05	-1.28	54.0	-10.95	AV	327.00	150	Vertical	Pass
6	13641.000	54.37	1.47	74.0	-19.63	Peak	6.00	150	Vertical	Pass
6**	13641.000	44.24	1.47	54.0	-9.76	AV	6.00	150	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11n20 Channel 6

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1602.100	42.25	-16.90	74.0	-31.75	Peak	340.00	150	Horizontal	Pass
1**	1602.100	29.06	-16.90	54.0	-24.94	AV	340.00	150	Horizontal	Pass
2	2439.300	109.74	-12.17	74.0	35.74	Peak	12.00	150	Horizontal	N/A
2**	2439.300	101.57	-12.17	54.0	47.57	AV	12.00	150	Horizontal	N/A
3	4792.250	52.15	0.60	74.0	-21.85	Peak	237.00	150	Horizontal	Pass
3**	4792.250	43.52	0.60	54.0	-10.48	AV	237.00	150	Horizontal	Pass
4	7791.500	55.80	3.00	74.0	-18.20	Peak	93.00	150	Horizontal	Pass
4**	7791.500	46.77	3.00	54.0	-7.23	AV	93.00	150	Horizontal	Pass
5	13804.500	56.65	5.75	74.0	-17.35	Peak	101.00	150	Horizontal	Pass
5**	13804.500	47.21	5.75	54.0	-6.79	AV	101.00	150	Horizontal	Pass
6	17112.500	54.45	3.55	74.0	-19.55	Peak	131.00	150	Horizontal	Pass
6**	17112.500	45.80	3.55	54.0	-8.20	AV	131.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11n20 Channel 6

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1229.400	42.51	-17.18	74.0	-31.49	Peak	133.00	150	Vertical	Pass
1**	1229.400	28.92	-17.18	54.0	-25.08	AV	133.00	150	Vertical	Pass
2	2440.200	97.93	-12.20	74.0	23.93	Peak	211.00	150	Vertical	N/A
2**	2440.200	89.17	-12.20	54.0	35.17	AV	211.00	150	Vertical	N/A
3	4927.250	53.56	0.73	74.0	-20.44	Peak	0.00	150	Vertical	Pass
3**	4927.250	42.89	0.73	54.0	-11.11	AV	0.00	150	Vertical	Pass
4	7976.500	55.32	2.15	74.0	-18.68	Peak	54.00	150	Vertical	Pass
4**	7976.500	46.34	2.15	54.0	-7.66	AV	54.00	150	Vertical	Pass
5	13350.500	57.06	5.23	74.0	-16.94	Peak	113.00	150	Vertical	Pass
5**	13350.500	47.36	5.23	54.0	-6.64	AV	113.00	150	Vertical	Pass
6	17118.000	55.38	3.46	74.0	-18.62	Peak	172.00	150	Vertical	Pass
6**	17118.000	45.99	3.46	54.0	-8.01	AV	172.00	150	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11n20 Channel 7

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1582.600	42.77	-16.85	74.0	-31.23	Peak	341.00	150	Horizontal	Pass
1**	1582.600	28.64	-16.85	54.0	-25.36	AV	341.00	150	Horizontal	Pass
2	2443.200	109.99	-12.19	74.0	35.99	Peak	7.00	150	Horizontal	N/A
2**	2443.200	102.88	-12.19	54.0	48.88	AV	7.00	150	Horizontal	N/A
3	4934.500	52.58	0.35	74.0	-21.42	Peak	131.00	150	Horizontal	Pass
3**	4934.500	43.49	0.35	54.0	-10.51	AV	131.00	150	Horizontal	Pass
4	7796.500	56.00	2.63	74.0	-18.00	Peak	288.00	150	Horizontal	Pass
4**	7796.500	46.33	2.63	54.0	-7.67	AV	288.00	150	Horizontal	Pass
5	13347.500	56.59	5.14	74.0	-17.41	Peak	334.00	150	Horizontal	Pass
5**	13347.500	47.88	5.14	54.0	-6.12	AV	334.00	150	Horizontal	Pass
6	17575.999	55.02	0.81	74.0	-18.98	Peak	232.00	150	Horizontal	Pass
6**	17575.999	44.42	0.81	54.0	-9.58	AV	232.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11n20 Channel 7

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1723.400	42.99	-16.43	74.0	-31.01	Peak	184.00	150	Vertical	Pass
1**	1723.400	30.80	-16.43	54.0	-23.20	AV	184.00	150	Vertical	Pass
2	2444.000	97.39	-12.15	74.0	23.39	Peak	235.00	150	Vertical	N/A
2**	2444.000	89.33	-12.15	54.0	35.33	AV	235.00	150	Vertical	N/A
3	4825.500	52.36	0.48	74.0	-21.64	Peak	121.00	150	Vertical	Pass
3**	4825.500	44.37	0.48	54.0	-9.63	AV	121.00	150	Vertical	Pass
4	7579.500	55.17	1.99	74.0	-18.83	Peak	193.00	150	Vertical	Pass
4**	7579.500	45.35	1.99	54.0	-8.65	AV	193.00	150	Vertical	Pass
5	13381.500	56.65	5.02	74.0	-17.35	Peak	231.00	150	Vertical	Pass
5**	13381.500	46.50	5.02	54.0	-7.50	AV	231.00	150	Vertical	Pass
6	17088.000	54.45	3.28	74.0	-19.55	Peak	201.00	150	Vertical	Pass
6**	17088.000	45.18	3.28	54.0	-8.82	AV	201.00	150	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11n20 Channel 8

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1533.000	42.60	-16.77	74.0	-31.40	Peak	268.00	150	Horizontal	Pass
1**	1533.000	28.41	-16.77	54.0	-25.59	AV	268.00	150	Horizontal	Pass
2	2449.600	110.21	-11.94	74.0	36.21	Peak	21.00	150	Horizontal	N/A
2**	2449.600	102.12	-11.94	54.0	48.12	AV	21.00	150	Horizontal	N/A
3	4967.750	52.12	0.91	74.0	-21.88	Peak	2.00	150	Horizontal	Pass
3**	4967.750	42.86	0.91	54.0	-11.14	AV	2.00	150	Horizontal	Pass
4	7633.000	55.32	2.54	74.0	-18.68	Peak	244.00	150	Horizontal	Pass
4**	7633.000	46.91	2.54	54.0	-7.09	AV	244.00	150	Horizontal	Pass
5	13366.500	56.26	5.12	74.0	-17.74	Peak	85.00	150	Horizontal	Pass
5**	13366.500	47.11	5.12	54.0	-6.89	AV	85.00	150	Horizontal	Pass
6	17090.000	55.06	3.36	74.0	-18.94	Peak	264.00	150	Horizontal	Pass
6**	17090.000	45.18	3.36	54.0	-8.82	AV	264.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11n20 Channel 8

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1509.600	41.98	-16.81	74.0	-32.02	Peak	174.00	150	Vertical	Pass
1**	1509.600	29.48	-16.81	54.0	-24.52	AV	174.00	150	Vertical	Pass
2	2444.800	98.55	-12.05	74.0	24.55	Peak	234.00	150	Vertical	N/A
2**	2444.800	90.85	-12.05	54.0	36.85	AV	234.00	150	Vertical	N/A
3	5126.000	53.47	0.15	74.0	-20.53	Peak	337.00	150	Vertical	Pass
3**	5126.000	43.76	0.15	54.0	-10.24	AV	337.00	150	Vertical	Pass
4	7922.750	55.30	2.98	74.0	-18.70	Peak	349.00	150	Vertical	Pass
4**	7922.750	46.81	2.98	54.0	-7.19	AV	349.00	150	Vertical	Pass
5	13389.500	56.64	4.97	74.0	-17.36	Peak	125.00	150	Vertical	Pass
5**	13389.500	46.84	4.97	54.0	-7.16	AV	125.00	150	Vertical	Pass
6	17139.500	54.61	3.10	74.0	-19.39	Peak	139.00	150	Vertical	Pass
6**	17139.500	45.17	3.10	54.0	-8.83	AV	139.00	150	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11n20 Channel 9

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1630.700	42.18	-16.73	74.0	-31.82	Peak	207.00	150	Horizontal	Pass
1**	1630.700	30.54	-16.73	54.0	-23.46	AV	207.00	150	Horizontal	Pass
2	2450.400	109.81	-12.00	74.0	35.81	Peak	11.00	150	Horizontal	N/A
2**	2450.400	102.52	-12.00	54.0	48.52	AV	11.00	150	Horizontal	N/A
3	4964.500	52.72	0.80	74.0	-21.28	Peak	0.00	150	Horizontal	Pass
3**	4964.500	42.74	0.80	54.0	-11.26	AV	0.00	150	Horizontal	Pass
4	7757.000	55.82	2.28	74.0	-18.18	Peak	216.00	150	Horizontal	Pass
4**	7757.000	46.16	2.28	54.0	-7.84	AV	216.00	150	Horizontal	Pass
5	13364.000	56.37	5.14	74.0	-17.63	Peak	102.00	150	Horizontal	Pass
5**	13364.000	47.28	5.14	54.0	-6.72	AV	102.00	150	Horizontal	Pass
6	17088.500	55.70	3.30	74.0	-18.30	Peak	59.00	150	Horizontal	Pass
6**	17088.500	46.13	3.30	54.0	-7.87	AV	59.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11n20 Channel 9

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1631.700	42.82	-16.69	74.0	-31.18	Peak	190.00	150	Vertical	Pass
1**	1631.700	29.85	-16.69	54.0	-24.15	AV	190.00	150	Vertical	Pass
2	2449.700	98.79	-11.94	74.0	24.79	Peak	242.00	150	Vertical	N/A
2**	2449.700	90.54	-11.94	54.0	36.54	AV	242.00	150	Vertical	N/A
3	4921.000	52.70	0.97	74.0	-21.30	Peak	266.00	150	Vertical	Pass
3**	4921.000	43.70	0.97	54.0	-10.30	AV	266.00	150	Vertical	Pass
4	7940.250	55.84	3.33	74.0	-18.16	Peak	0.00	150	Vertical	Pass
4**	7940.250	46.42	3.33	54.0	-7.58	AV	0.00	150	Vertical	Pass
5	13355.000	56.20	5.20	74.0	-17.80	Peak	27.00	150	Vertical	Pass
5**	13355.000	47.76	5.20	54.0	-6.24	AV	27.00	150	Vertical	Pass
6	17102.500	54.46	3.71	74.0	-19.54	Peak	215.00	150	Vertical	Pass
6**	17102.500	46.43	3.71	54.0	-7.57	AV	215.00	150	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11n20 Channel 10

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1693.000	42.14	-16.60	74.0	-31.86	Peak	170.00	150	Horizontal	Pass
1**	1693.000	28.85	-16.60	54.0	-25.15	AV	170.00	150	Horizontal	Pass
2	2455.900	109.37	-11.79	74.0	35.37	Peak	13.00	150	Horizontal	N/A
2**	2455.900	101.48	-11.79	54.0	47.48	AV	13.00	150	Horizontal	N/A
3	4922.250	52.83	0.96	74.0	-21.17	Peak	170.00	150	Horizontal	Pass
3**	4922.250	43.91	0.96	54.0	-10.09	AV	170.00	150	Horizontal	Pass
4	7777.250	55.95	3.20	74.0	-18.05	Peak	327.00	150	Horizontal	Pass
4**	7777.250	47.68	3.20	54.0	-6.32	AV	327.00	150	Horizontal	Pass
5	13360.000	55.74	5.17	74.0	-18.26	Peak	358.00	150	Horizontal	Pass
5**	13360.000	47.11	5.17	54.0	-6.89	AV	358.00	150	Horizontal	Pass
6	17096.500	55.14	3.61	74.0	-18.86	Peak	184.00	150	Horizontal	Pass
6**	17096.500	45.45	3.61	54.0	-8.55	AV	184.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11n20 Channel 10

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1652.900	42.16	-16.73	74.0	-31.84	Peak	265.00	150	Vertical	Pass
1**	1652.900	30.43	-16.73	54.0	-23.57	AV	265.00	150	Vertical	Pass
2	2455.700	97.23	-11.80	74.0	23.23	Peak	236.00	150	Vertical	N/A
2**	2455.700	89.13	-11.80	54.0	35.13	AV	236.00	150	Vertical	N/A
3	5020.250	53.07	0.20	74.0	-20.93	Peak	190.00	150	Vertical	Pass
3**	5020.250	42.84	0.20	54.0	-11.16	AV	190.00	150	Vertical	Pass
4	7929.750	55.55	3.10	74.0	-18.45	Peak	190.00	150	Vertical	Pass
4**	7929.750	46.17	3.10	54.0	-7.83	AV	190.00	150	Vertical	Pass
5	13650.000	56.29	5.13	74.0	-17.71	Peak	305.00	150	Vertical	Pass
5**	13650.000	47.24	5.13	54.0	-6.76	AV	305.00	150	Vertical	Pass
6	17093.500	55.00	3.50	74.0	-19.00	Peak	104.00	150	Vertical	Pass
6**	17093.500	45.23	3.50	54.0	-8.77	AV	104.00	150	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11n20 Channel 11

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1476.200	42.21	-16.70	74	-31.79	Peak	0.00	150	Horizontal	Pass
1	1476.200	29.14	-16.70	54.0	-24.86	AV	0.00	150	Horizontal	Pass
2	2466.100	109.24	-11.60	74.0	35.24	Peak	318.00	150	Horizontal	N/A
2**	2466.100	101.25	-11.60	54.0	47.25	AV	318.00	150	Horizontal	N/A
3	4930.500	53.78	0.55	74.0	-20.22	Peak	122.00	150	Horizontal	Pass
3**	4930.500	43.74	0.55	54.0	-10.26	AV	122.00	150	Horizontal	Pass
4	7783.250	56.29	3.17	74.0	-17.71	Peak	279.00	150	Horizontal	Pass
4**	7783.250	47.30	3.17	54.0	-6.70	AV	279.00	150	Horizontal	Pass
5	13627.000	56.10	4.94	74.0	-17.90	Peak	0.00	150	Horizontal	Pass
5**	13627.000	46.99	4.94	54.0	-7.01	AV	0.00	150	Horizontal	Pass
6	17127.000	54.46	3.31	74.0	-19.54	Peak	144.00	150	Horizontal	Pass
6**	17127.000	45.52	3.31	54.0	-8.48	AV	144.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11n20 Channel 11

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1463.200	42.24	-16.51	74.0	-31.76	Peak	201.00	150	Vertical	Pass
1**	1463.200	29.90	-16.51	54.0	-24.10	AV	201.00	150	Vertical	Pass
2	2469.400	96.50	-11.47	74.0	22.50	Peak	114.00	150	Vertical	N/A
2**	2469.400	87.63	-11.47	54.0	33.63	AV	114.00	150	Vertical	N/A
3	4918.500	53.31	0.98	74.0	-20.69	Peak	178.00	150	Vertical	Pass
3**	4918.500	43.95	0.98	54.0	-10.05	AV	178.00	150	Vertical	Pass
4	7789.500	56.15	3.12	74.0	-17.85	Peak	324.00	150	Vertical	Pass
4**	7789.500	46.37	3.12	54.0	-7.63	AV	324.00	150	Vertical	Pass
5	13375.000	56.44	5.07	74.0	-17.56	Peak	31.00	150	Vertical	Pass
5**	13375.000	47.59	5.07	54.0	-6.41	AV	31.00	150	Vertical	Pass
6	17130.000	54.38	3.26	74.0	-19.62	Peak	84.00	150	Vertical	Pass
6**	17130.000	45.46	3.26	54.0	-8.54	AV	84.00	150	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11n40 Channel 3

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1721.300	42.65	-16.44	74.0	-31.35	Peak	334.00	150	Horizontal	Pass
1**	1721.300	30.38	-16.44	54.0	-23.62	AV	334.00	150	Horizontal	Pass
2	2419.600	107.13	-11.86	74.0	33.13	Peak	8.00	150	Horizontal	N/A
2**	2419.600	99.59	-11.86	54.0	45.59	AV	8.00	150	Horizontal	N/A
3	4844.750	52.68	0.34	74.0	-21.32	Peak	360.00	150	Horizontal	Pass
3**	4844.750	43.75	0.34	54.0	-10.25	AV	360.00	150	Horizontal	Pass
4	7797.250	55.25	2.63	74.0	-18.75	Peak	200.00	150	Horizontal	Pass
4**	7797.250	46.13	2.63	54.0	-7.87	AV	200.00	150	Horizontal	Pass
5	13591.000	57.63	4.72	74.0	-16.37	Peak	347.00	150	Horizontal	Pass
5**	13591.000	47.59	4.72	54.0	-6.41	AV	347.00	150	Horizontal	Pass
6	17106.000	55.17	3.65	74.0	-18.83	Peak	51.00	150	Horizontal	Pass
6**	17106.000	46.00	3.65	54.0	-8.00	AV	51.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11n40 Channel 3

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1644.300	42.98	-16.79	74.0	-31.02	Peak	228.00	150	Vertical	Pass
1**	1644.300	29.53	-16.79	54.0	-24.47	AV	228.00	150	Vertical	Pass
2	2417.600	92.19	-11.97	74.0	18.19	Peak	55.00	150	Vertical	N/A
2**	2417.600	83.67	-11.97	54.0	29.67	AV	55.00	150	Vertical	N/A
3	4824.750	52.04	0.48	74.0	-21.96	Peak	65.00	150	Vertical	Pass
3**	4824.750	42.77	0.48	54.0	-11.23	AV	65.00	150	Vertical	Pass
4	7624.750	55.82	2.32	74.0	-18.18	Peak	268.00	150	Vertical	Pass
4**	7624.750	46.45	2.32	54.0	-7.55	AV	268.00	150	Vertical	Pass
5	13567.500	56.38	4.73	74.0	-17.62	Peak	191.00	150	Vertical	Pass
5**	13567.500	46.69	4.73	54.0	-7.31	AV	191.00	150	Vertical	Pass
6	17074.500	54.77	2.75	74.0	-19.23	Peak	100.00	150	Vertical	Pass
6**	17074.500	45.62	2.75	54.0	-8.38	AV	100.00	150	Vertical	Pass



## 1 GHz to 18 GHz, ANT H 802.11n40 Channel 4

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1607.900	41.80	-16.80	74.0	-32.20	Peak	95.00	150	Horizontal	Pass
1**	1607.900	30.42	-16.80	54.0	-23.58	AV	95.00	150	Horizontal	Pass
2	2428.400	106.94	-11.66	74.0	32.94	Peak	13.00	150	Horizontal	N/A
2**	2428.400	99.05	-11.66	54.0	45.05	AV	13.00	150	Horizontal	N/A
3	5113.000	53.06	0.15	74.0	-20.94	Peak	4.00	150	Horizontal	Pass
3**	5113.000	44.19	0.15	54.0	-9.81	AV	4.00	150	Horizontal	Pass
4	7781.750	55.53	3.18	74.0	-18.47	Peak	360.00	150	Horizontal	Pass
4**	7781.750	47.16	3.18	54.0	-6.84	AV	360.00	150	Horizontal	Pass
5	13634.000	56.12	5.00	74.0	-17.88	Peak	71.00	150	Horizontal	Pass
5**	13634.000	47.22	5.00	54.0	-6.78	AV	71.00	150	Horizontal	Pass
6	17098.500	55.07	3.69	74.0	-18.93	Peak	42.00	150	Horizontal	Pass
6**	17098.500	45.88	3.69	54.0	-8.12	AV	42.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11n40 Channel 4

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1663.400	42.63	-16.30	74.0	-31.37	Peak	360.00	150	Vertical	Pass
1**	1663.400	29.83	-16.30	54.0	-24.17	AV	360.00	150	Vertical	Pass
2	2430.200	94.08	-11.73	74.0	20.08	Peak	173.00	150	Vertical	N/A
2**	2430.200	85.04	-11.73	54.0	31.04	AV	173.00	150	Vertical	N/A
3	5120.250	52.70	0.27	74.0	-21.30	Peak	117.00	150	Vertical	Pass
3**	5120.250	43.23	0.27	54.0	-10.77	AV	117.00	150	Vertical	Pass
4	7787.250	56.15	3.17	74.0	-17.85	Peak	57.00	150	Vertical	Pass
4**	7787.250	46.26	3.17	54.0	-7.74	AV	57.00	150	Vertical	Pass
5	13835.000	57.20	5.36	74.0	-16.80	Peak	48.00	150	Vertical	Pass
5**	13835.000	46.74	5.36	54.0	-7.26	AV	48.00	150	Vertical	Pass
6	17098.500	54.65	3.69	74.0	-19.35	Peak	20.00	150	Vertical	Pass
6**	17098.500	45.85	3.69	54.0	-8.15	AV	20.00	150	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11n40 Channel 5

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1602.300	41.95	-16.89	74.0	-32.05	Peak	119.00	150	Horizontal	Pass
1**	1602.300	29.25	-16.89	54.0	-24.75	AV	119.00	150	Horizontal	Pass
2	2433.400	107.58	-11.91	74.0	33.58	Peak	11.00	150	Horizontal	N/A
2**	2433.400	99.68	-11.91	54.0	45.68	AV	11.00	150	Horizontal	N/A
3	4933.500	52.09	0.35	74.0	-21.91	Peak	307.00	150	Horizontal	Pass
3**	4933.500	43.26	0.35	54.0	-10.74	AV	307.00	150	Horizontal	Pass
4	7783.750	56.23	3.19	74.0	-17.77	Peak	272.00	150	Horizontal	Pass
4**	7783.750	46.72	3.19	54.0	-7.28	AV	272.00	150	Horizontal	Pass
5	13640.500	56.34	5.05	74.0	-17.66	Peak	246.00	150	Horizontal	Pass
5**	13640.500	46.86	5.05	54.0	-7.14	AV	246.00	150	Horizontal	Pass
6	17136.000	54.63	3.16	74.0	-19.37	Peak	319.00	150	Horizontal	Pass
6**	17136.000	45.39	3.16	54.0	-8.61	AV	319.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11n40 Channel 5

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1573.600	42.13	-16.75	74.0	-31.87	Peak	295.00	150	Vertical	Pass
1**	1573.600	30.25	-16.75	54.0	-23.75	AV	295.00	150	Vertical	Pass
2	2433.700	94.96	-11.95	74.0	20.96	Peak	38.00	150	Vertical	N/A
2**	2433.700	87.29	-11.95	54.0	33.29	AV	38.00	150	Vertical	N/A
3	4988.000	52.34	0.82	74.0	-21.66	Peak	147.00	150	Vertical	Pass
3**	4988.000	43.19	0.82	54.0	-10.81	AV	147.00	150	Vertical	Pass
4	7708.500	55.91	2.49	74.0	-18.09	Peak	27.00	150	Vertical	Pass
4**	7708.500	46.38	2.49	54.0	-7.62	AV	27.00	150	Vertical	Pass
5	13373.000	56.38	5.08	74.0	-17.62	Peak	202.00	150	Vertical	Pass
5**	13373.000	47.17	5.08	54.0	-6.83	AV	202.00	150	Vertical	Pass
6	17081.500	54.18	3.03	74.0	-19.82	Peak	289.00	150	Vertical	Pass
6**	17081.500	45.73	3.03	54.0	-8.27	AV	289.00	150	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11n40 Channel 6

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1632.200	42.74	-16.64	74.0	-31.26	Peak	191.00	150	Horizontal	Pass
1**	1632.200	29.32	-16.64	54.0	-24.68	AV	191.00	150	Horizontal	Pass
2	2440.000	108.29	-12.19	74.0	34.29	Peak	15.00	150	Horizontal	N/A
2**	2440.000	100.22	-12.19	54.0	46.22	AV	15.00	150	Horizontal	N/A
3	4892.000	51.98	0.24	74.0	-22.02	Peak	39.00	150	Horizontal	Pass
3**	4892.000	42.84	0.24	54.0	-11.16	AV	39.00	150	Horizontal	Pass
4	7757.750	55.78	2.31	74.0	-18.22	Peak	288.00	150	Horizontal	Pass
4**	7757.750	46.60	2.31	54.0	-7.40	AV	288.00	150	Horizontal	Pass
5	13599.500	57.17	4.71	74.0	-16.83	Peak	271.00	150	Horizontal	Pass
5**	13599.500	46.50	4.71	54.0	-7.50	AV	271.00	150	Horizontal	Pass
6	17104.500	56.05	3.68	74.0	-17.95	Peak	271.00	150	Horizontal	Pass
6**	17104.500	45.52	3.68	54.0	-8.48	AV	271.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11n40 Channel 6

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1534.900	42.06	-16.64	74.0	-31.94	Peak	22.00	150	Vertical	Pass
1**	1534.900	29.43	-16.64	54.0	-24.57	AV	22.00	150	Vertical	Pass
2	2438.000	95.48	-12.15	74.0	21.48	Peak	193.00	150	Vertical	N/A
2**	2438.000	86.57	-12.15	54.0	32.57	AV	193.00	150	Vertical	N/A
3	5029.250	52.89	0.03	74.0	-21.11	Peak	56.00	150	Vertical	Pass
3**	5029.250	43.20	0.03	54.0	-10.80	AV	56.00	150	Vertical	Pass
4	7782.500	55.46	3.17	74.0	-18.54	Peak	80.00	150	Vertical	Pass
4**	7782.500	46.41	3.17	54.0	-7.59	AV	80.00	150	Vertical	Pass
5	13566.500	56.49	4.73	74.0	-17.51	Peak	294.00	150	Vertical	Pass
5**	13566.500	46.45	4.73	54.0	-7.55	AV	294.00	150	Vertical	Pass
6	17104.500	55.82	3.68	74.0	-18.18	Peak	0.00	150	Vertical	Pass
6**	17104.500	45.92	3.68	54.0	-8.08	AV	0.00	150	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11n40 Channel 7

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1537.600	41.98	-16.70	74.0	-32.02	Peak	312.00	150	Horizontal	Pass
1**	1537.600	28.78	-16.70	54.0	-25.22	AV	312.00	150	Horizontal	Pass
2	2445.000	108.30	-12.03	74.0	34.30	Peak	13.00	150	Horizontal	N/A
2**	2445.000	101.26	-12.03	54.0	47.26	AV	13.00	150	Horizontal	N/A
3	5098.250	53.23	0.46	74.0	-20.77	Peak	1.00	150	Horizontal	Pass
3**	5098.250	43.31	0.46	54.0	-10.69	AV	1.00	150	Horizontal	Pass
4	7539.750	55.44	2.33	74.0	-18.56	Peak	123.00	150	Horizontal	Pass
4**	7539.750	45.72	2.33	54.0	-8.28	AV	123.00	150	Horizontal	Pass
5	13366.500	56.27	5.12	74.0	-17.73	Peak	359.00	150	Horizontal	Pass
5**	13366.500	47.66	5.12	54.0	-6.34	AV	359.00	150	Horizontal	Pass
6	17090.000	54.50	3.36	74.0	-19.50	Peak	71.00	150	Horizontal	Pass
6**	17090.000	45.60	3.36	54.0	-8.40	AV	71.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11n40 Channel 7

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1516.600	41.96	-16.69	74.0	-32.04	Peak	261.00	150	Vertical	Pass
1**	1516.600	29.41	-16.69	54.0	-24.59	AV	261.00	150	Vertical	Pass
2	2443.600	96.72	-12.18	74.0	22.72	Peak	232.00	150	Vertical	N/A
2**	2443.600	89.39	-12.18	54.0	35.39	AV	232.00	150	Vertical	N/A
3	4925.000	53.59	0.88	74.0	-20.41	Peak	182.00	150	Vertical	Pass
3**	4925.000	43.26	0.88	54.0	-10.74	AV	182.00	150	Vertical	Pass
4	7785.250	56.57	3.17	74.0	-17.43	Peak	329.00	150	Vertical	Pass
4**	7785.250	45.95	3.17	54.0	-8.05	AV	329.00	150	Vertical	Pass
5	13579.500	56.27	4.72	74.0	-17.73	Peak	216.00	150	Vertical	Pass
5**	13579.500	47.04	4.72	54.0	-6.96	AV	216.00	150	Vertical	Pass
6	17100.500	55.11	3.74	74.0	-18.89	Peak	14.00	150	Vertical	Pass
6**	17100.500	46.14	3.74	54.0	-7.86	AV	14.00	150	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11n40 Channel 8

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1611.000	42.14	-16.69	74.0	-31.86	Peak	5.00	150	Horizontal	Pass
1**	1611.000	29.67	-16.69	54.0	-24.33	AV	5.00	150	Horizontal	Pass
2	2444.200	109.17	-12.12	74.0	35.17	Peak	63.00	150	Horizontal	N/A
2**	2444.200	101.27	-12.12	54.0	47.27	AV	63.00	150	Horizontal	N/A
3	4925.250	52.98	0.87	74.0	-21.02	Peak	69.00	150	Horizontal	Pass
3**	4925.250	43.66	0.87	54.0	-10.34	AV	69.00	150	Horizontal	Pass
4	7488.000	55.53	1.93	74.0	-18.47	Peak	159.00	150	Horizontal	Pass
4**	7488.000	45.39	1.93	54.0	-8.61	AV	159.00	150	Horizontal	Pass
5	13156.000	56.84	4.20	74.0	-17.16	Peak	215.00	150	Horizontal	Pass
5**	13156.000	46.07	4.20	54.0	-7.93	AV	215.00	150	Horizontal	Pass
6	17117.000	54.93	3.47	74.0	-19.07	Peak	348.00	150	Horizontal	Pass
6**	17117.000	46.05	3.47	54.0	-7.95	AV	348.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11n40 Channel 8

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1429.000	42.77	-16.45	74.0	-31.23	Peak	335.00	150	Vertical	Pass
1**	1429.000	29.32	-16.45	54.0	-24.68	AV	335.00	150	Vertical	Pass
2	2445.200	97.01	-12.01	74.0	23.01	Peak	236.00	150	Vertical	N/A
2**	2445.200	89.50	-12.01	54.0	35.50	AV	236.00	150	Vertical	N/A
3	4974.750	52.82	0.94	74.0	-21.18	Peak	244.00	150	Vertical	Pass
3**	4974.750	43.48	0.94	54.0	-10.52	AV	244.00	150	Vertical	Pass
4	7959.000	55.47	2.76	74.0	-18.53	Peak	244.00	150	Vertical	Pass
4**	7959.000	45.74	2.76	54.0	-8.26	AV	244.00	150	Vertical	Pass
5	13366.000	56.88	5.13	74.0	-17.12	Peak	185.00	150	Vertical	Pass
5**	13366.000	47.37	5.13	54.0	-6.63	AV	185.00	150	Vertical	Pass
6	17095.500	54.39	3.58	74.0	-19.61	Peak	142.00	150	Vertical	Pass
6**	17095.500	45.88	3.58	54.0	-8.12	AV	142.00	150	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11n40 Channel 9

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1524.200	41.48	-17.28	74.0	-32.52	Peak	162.00	150	Horizontal	Pass
1**	1524.200	31.70	-17.28	54.0	-22.30	AV	162.00	150	Horizontal	Pass
2	2449.600	107.27	-12.46	74.0	33.27	Peak	346.00	150	Horizontal	N/A
2**	2449.600	99.94	-12.46	54.0	45.94	AV	346.00	150	Horizontal	N/A
3	3840.500	48.57	-4.07	74.0	-25.43	Peak	222.00	150	Horizontal	Pass
3**	3840.500	40.00	-4.07	54.0	-14.00	AV	222.00	150	Horizontal	Pass
4	7577.250	54.68	1.20	74.0	-19.32	Peak	135.00	150	Horizontal	Pass
4**	7577.250	44.90	1.20	54.0	-9.10	AV	135.00	150	Horizontal	Pass
5	10053.500	52.93	-0.53	74.0	-21.07	Peak	17.00	150	Horizontal	Pass
5**	10053.500	43.51	-0.53	54.0	-10.49	AV	17.00	150	Horizontal	Pass
6	13329.000	54.47	1.02	74.0	-19.53	Peak	254.00	150	Horizontal	Pass
6**	13329.000	44.50	1.02	54.0	-9.50	AV	254.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11n40 Channel 9

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1823.400	42.47	-16.29	74.0	-31.53	Peak	277.00	150	Vertical	Pass
1**	1823.400	33.36	-16.29	54.0	-20.64	AV	277.00	150	Vertical	Pass
2	2449.400	94.86	-12.41	74.0	20.86	Peak	186.00	150	Vertical	N/A
2**	2449.400	87.67	-12.41	54.0	33.67	AV	186.00	150	Vertical	N/A
3	4353.000	49.36	-3.49	74.0	-24.64	Peak	53.00	150	Vertical	Pass
3**	4353.000	39.47	-3.49	54.0	-14.53	AV	53.00	150	Vertical	Pass
4	7558.000	54.77	0.58	74.0	-19.23	Peak	252.00	150	Vertical	Pass
4**	7558.000	44.24	0.58	54.0	-9.76	AV	252.00	150	Vertical	Pass
5	10035.500	52.23	-0.88	74.0	-21.77	Peak	249.00	150	Vertical	Pass
5**	10035.500	42.60	-0.88	54.0	-11.40	AV	249.00	150	Vertical	Pass
6	13335.000	53.57	1.22	74.0	-20.43	Peak	321.00	150	Vertical	Pass
6**	13335.000	45.26	1.22	54.0	-8.74	AV	321.00	150	Vertical	Pass

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

### Test Data

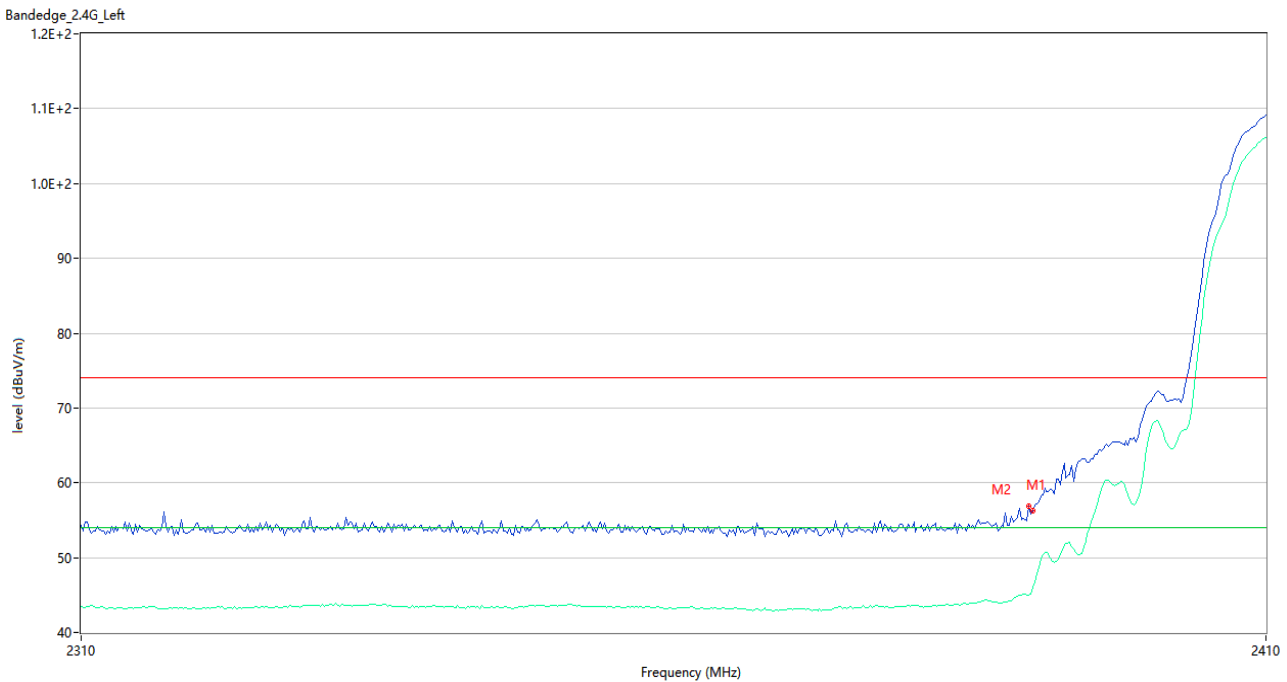
Note 1: The lowest and highest channels are tested to verify the band edge emissions. Please refer to the following the plots for emissions values.

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.

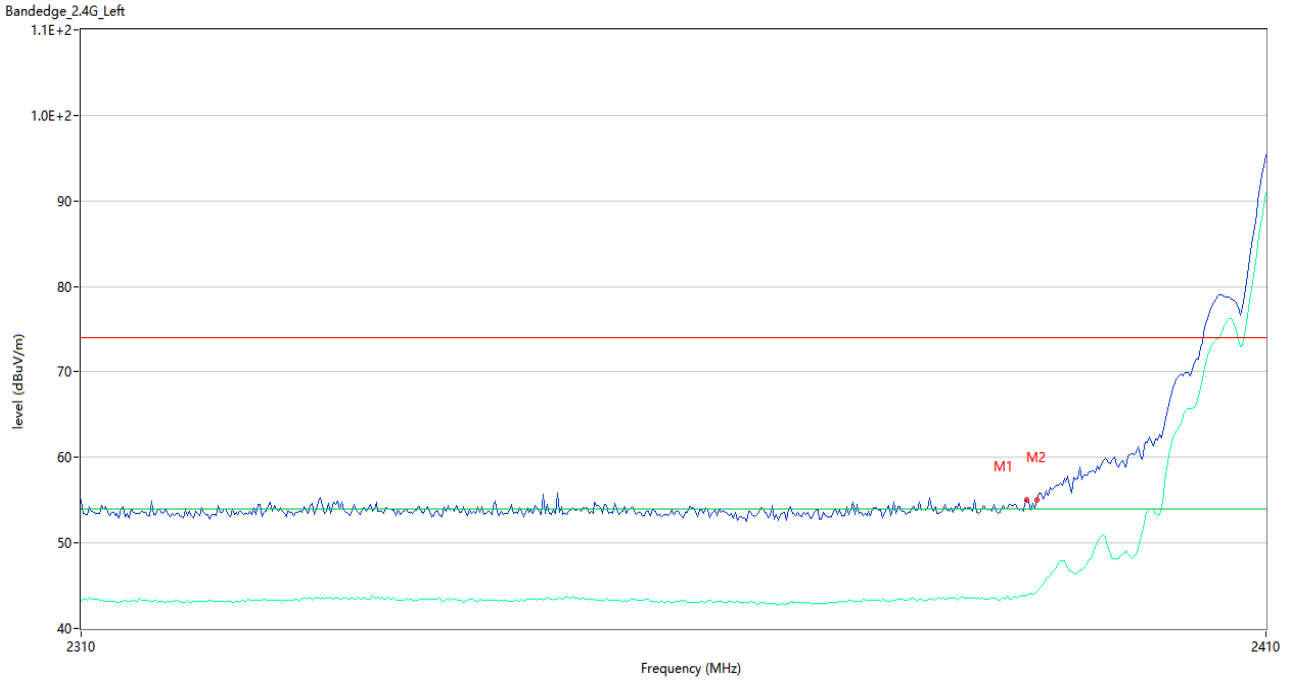
### Test Plots

#### 802.11b CHANNEL1



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	56.31	0.75	74.0	-17.69	Peak	20.00	150	Horizontal	Pass
1**	2390.000	46.04	0.75	54.0	-7.96	AV	20.00	150	Horizontal	Pass
2	2389.667	56.80	0.80	74.0	-17.20	Peak	6.00	150	Horizontal	Pass
2**	2389.667	44.93	0.80	54.0	-9.07	AV	6.00	150	Horizontal	Pass

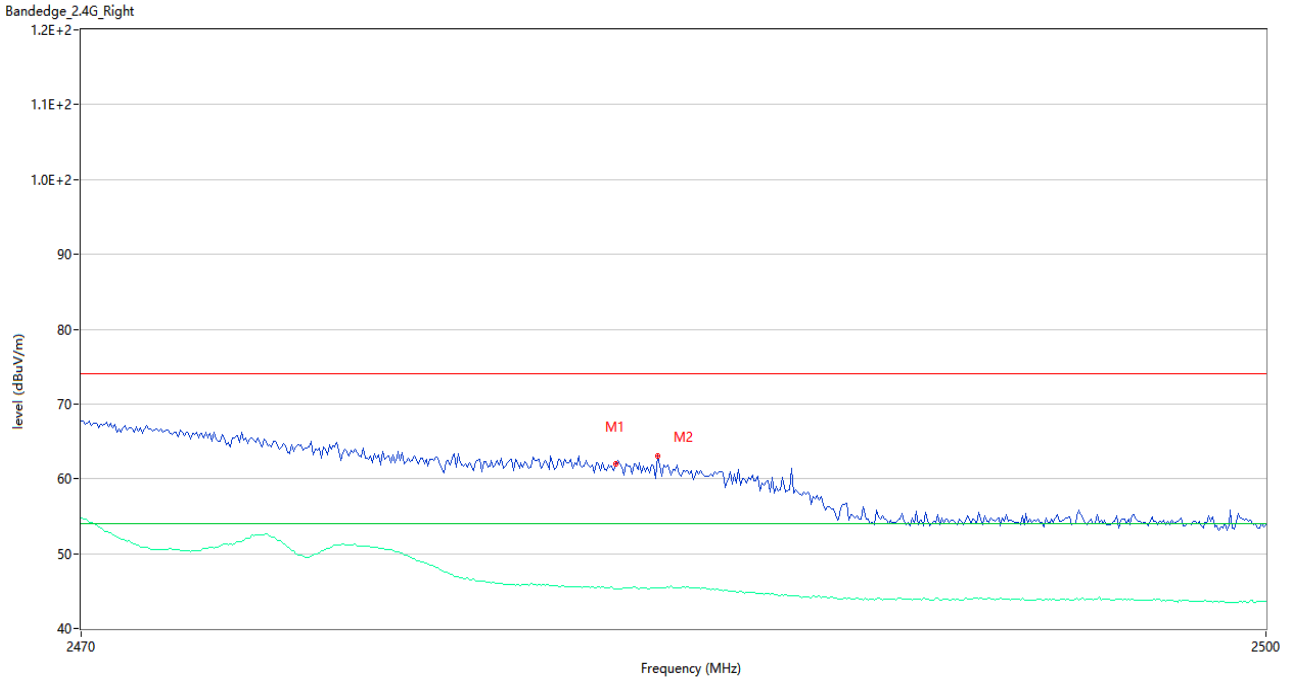
802.11b CHANNEL 2



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.500	55.04	0.83	74.0	-18.96	Peak	3.00	150	Horizontal	Pass
1**	2389.500	43.87	0.83	54.0	-10.13	AV	3.00	150	Horizontal	Pass
2	2390.333	55.08	0.71	74.0	-18.92	Peak	13.00	150	Horizontal	Pass
2**	2390.333	44.34	0.71	54.0	-9.66	AV	13.00	150	Horizontal	Pass

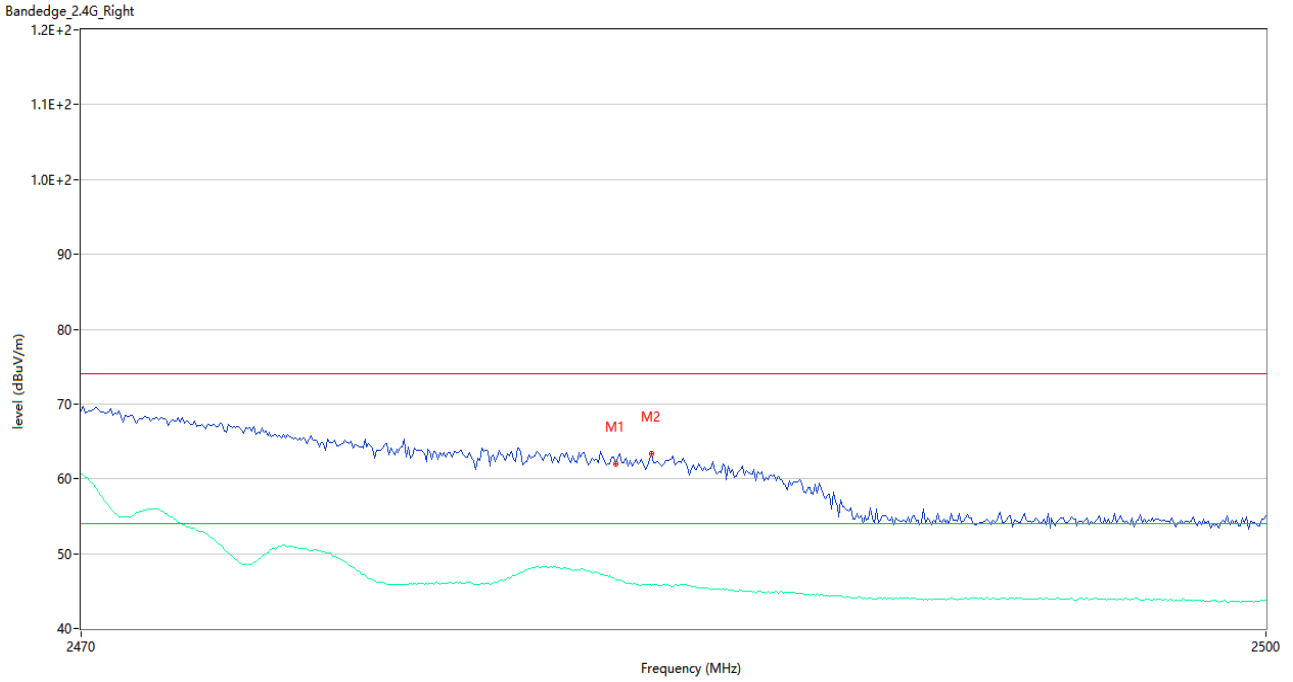


802.11b CHANNEL 9



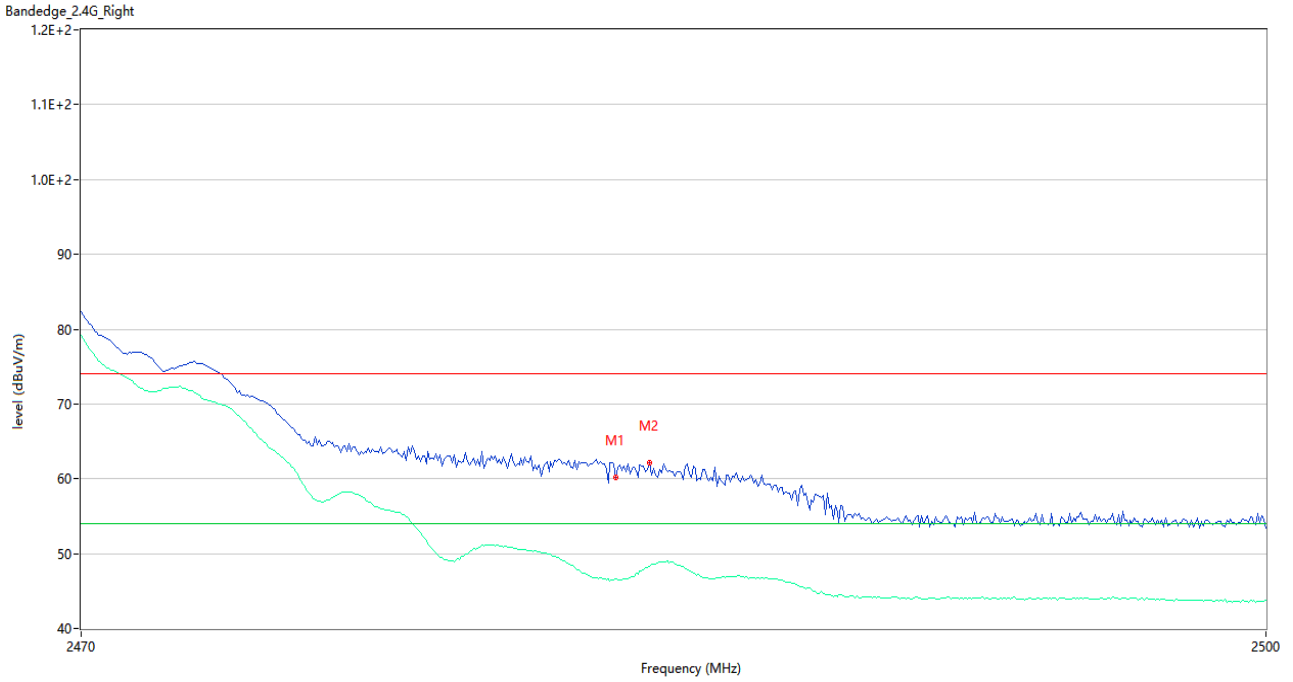
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	62.02	1.04	74.0	-11.98	Peak	9.00	150	Horizontal	Pass
1**	2483.500	45.26	1.04	54.0	-8.74	AV	9.00	150	Horizontal	Pass
2	2484.550	63.00	1.15	74.0	-11.00	Peak	7.00	150	Horizontal	Pass
2**	2484.550	45.39	1.15	54.0	-8.61	AV	7.00	150	Horizontal	Pass

802.11b CHANNEL 10



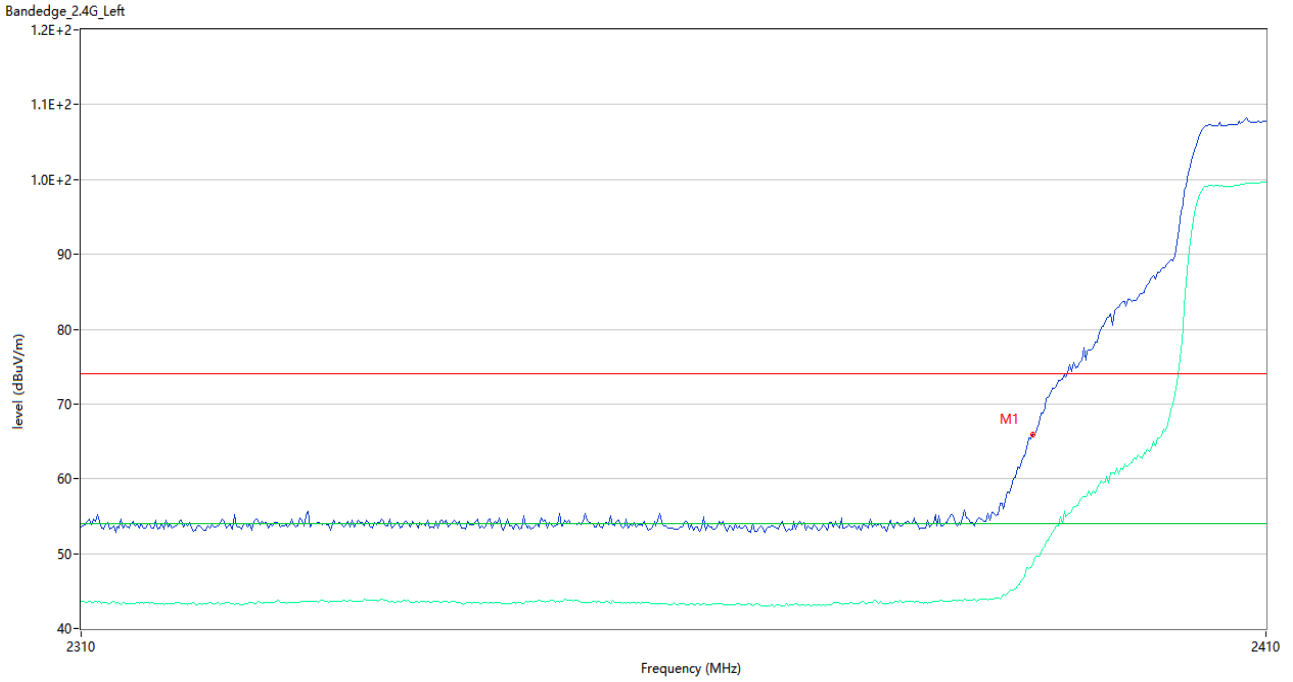
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	62.03	1.04	74.0	-11.97	Peak	22.00	150	Horizontal	Pass
1**	2483.500	46.51	1.04	54.0	-7.49	AV	22.00	150	Horizontal	Pass
2	2484.400	63.42	1.13	74.0	-10.58	Peak	21.00	150	Horizontal	Pass
2**	2484.400	45.73	1.13	54.0	-8.27	AV	21.00	150	Horizontal	Pass

802.11b CHANNEL 11



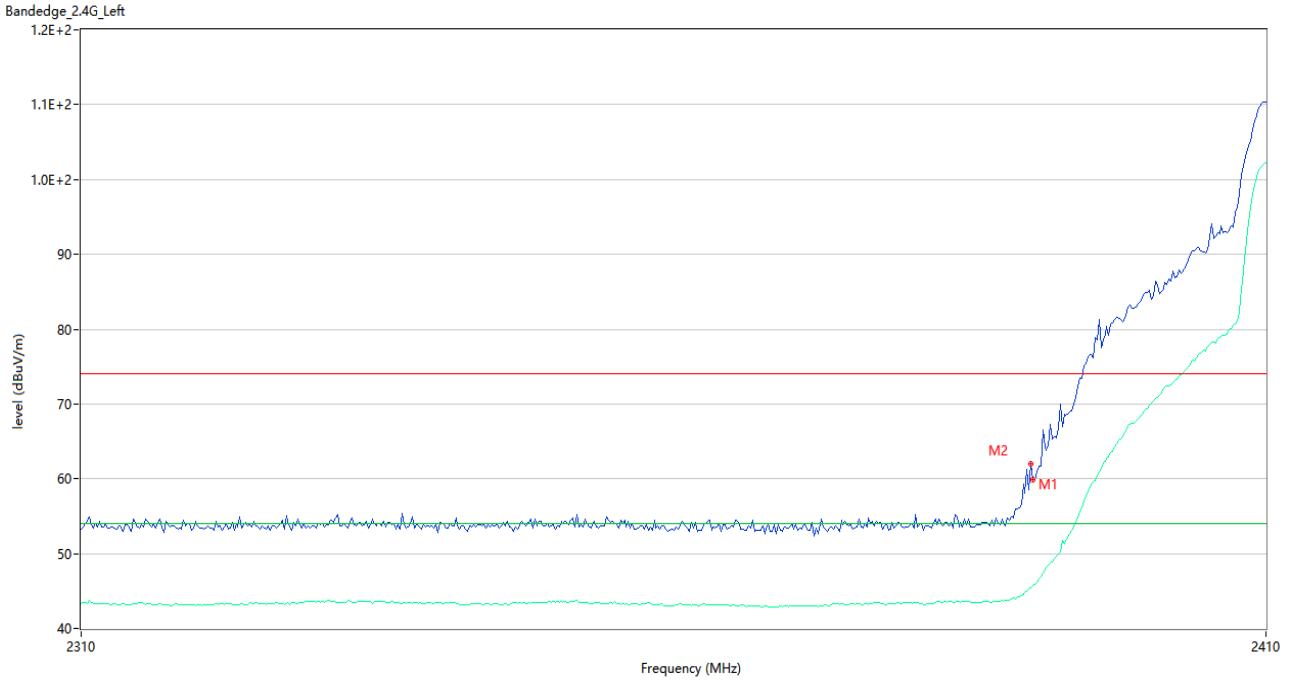
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	60.16	1.04	74.0	-13.84	Peak	9.00	150	Horizontal	Pass
1**	2483.500	46.58	1.04	54.0	-7.42	AV	9.00	150	Horizontal	Pass
2	2484.350	62.10	1.13	74.0	-11.90	Peak	4.00	150	Horizontal	Pass
2**	2484.350	48.30	1.13	54.0	-5.70	AV	4.00	150	Horizontal	Pass

802.11g CHANNEL 1



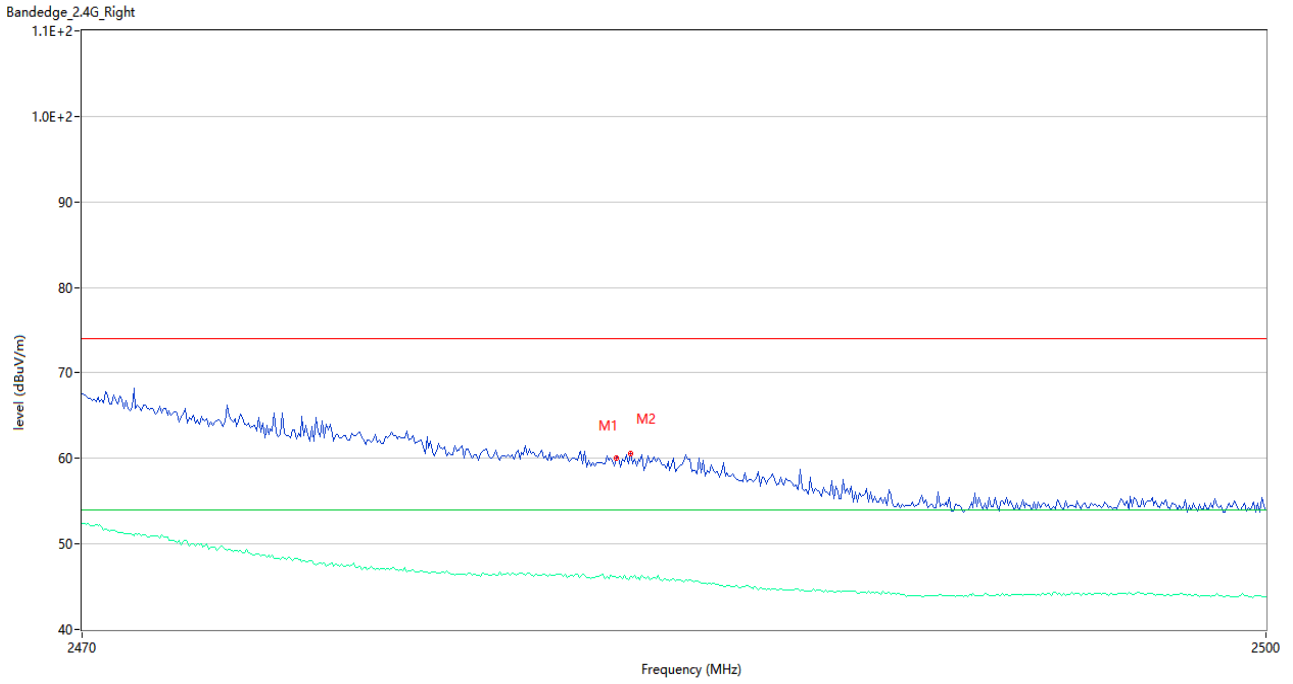
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	65.85	0.75	74.0	-8.15	Peak	2.00	150	Horizontal	Pass
1**	2390.000	48.57	0.75	54.0	-5.43	AV	2.00	150	Horizontal	Pass

802.11g CHANNEL 2



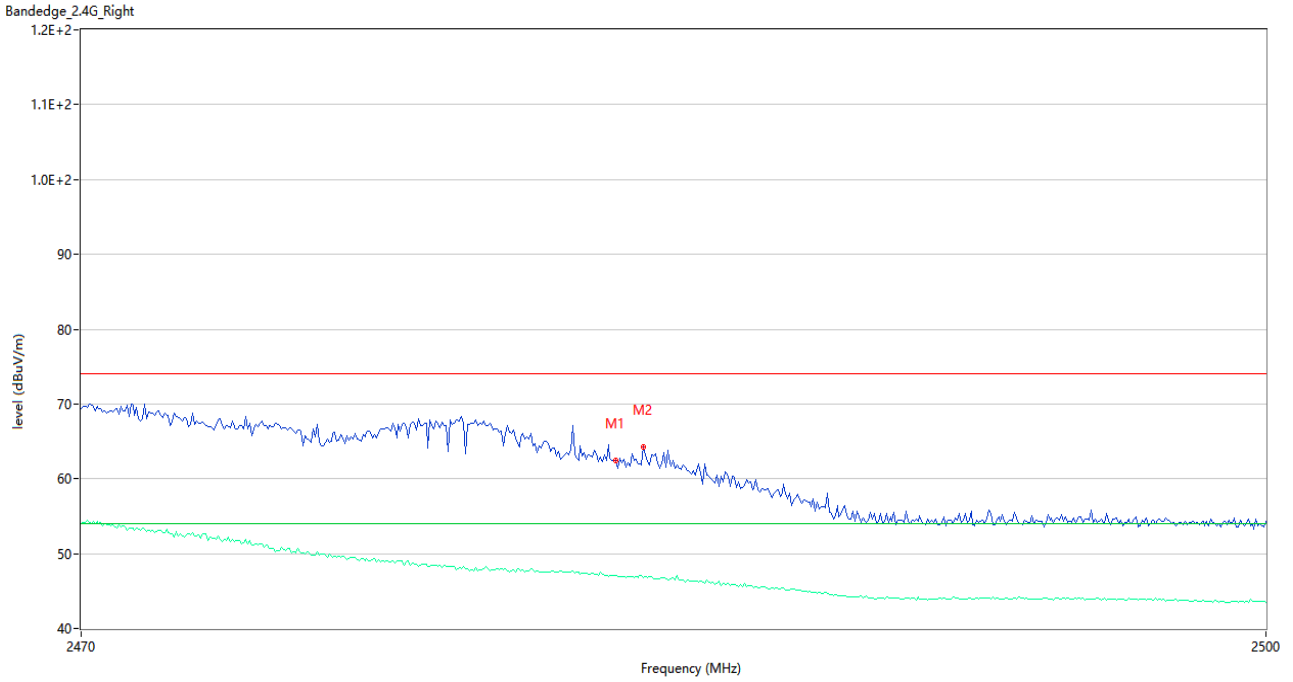
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	59.84	0.75	74.0	-14.16	Peak	20.00	150	Horizontal	Pass
1**	2390.000	45.71	0.75	54.0	-8.29	AV	20.00	150	Horizontal	Pass
2	2389.833	62.07	0.78	74.0	-11.93	Peak	3.00	150	Horizontal	Pass
2**	2389.833	45.38	0.78	54.0	-8.62	AV	3.00	150	Horizontal	Pass

802.11g CHANNEL 5



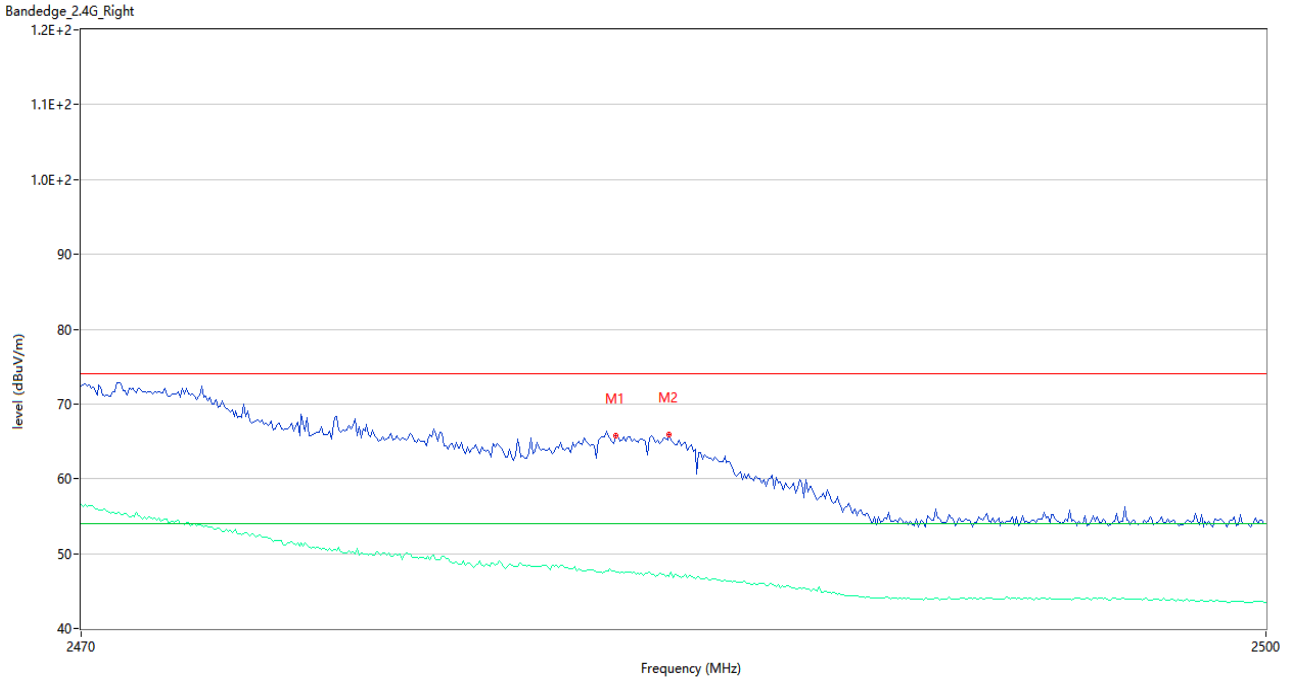
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	60.05	1.04	74.0	-13.95	Peak	7.00	150	Horizontal	Pass
1**	2483.500	46.06	1.04	54.0	-7.94	AV	7.00	150	Horizontal	Pass
2	2483.850	60.59	1.05	74.0	-13.41	Peak	9.00	150	Horizontal	Pass
2**	2483.850	46.22	1.05	54.0	-7.78	AV	9.00	150	Horizontal	Pass

802.11g CHANNEL 6



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	62.49	1.04	74.0	-11.51	Peak	13.00	150	Horizontal	Pass
1**	2483.500	47.01	1.04	54.0	-6.99	AV	13.00	150	Horizontal	Pass
2	2484.200	64.32	1.11	74.0	-9.68	Peak	11.00	150	Horizontal	Pass
2**	2484.200	46.85	1.11	54.0	-7.15	AV	11.00	150	Horizontal	Pass

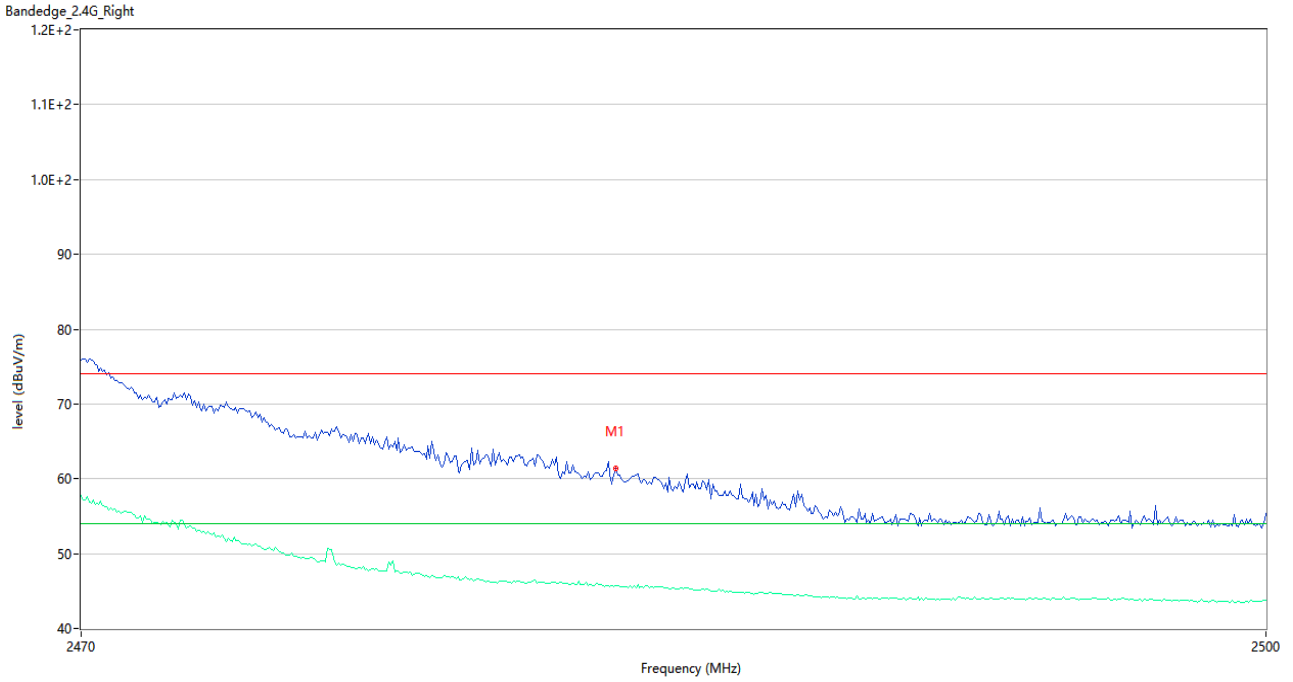
802.11g CHANNEL 7



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	65.71	1.04	74.0	-8.29	Peak	10.00	150	Horizontal	Pass
1**	2483.500	47.57	1.04	54.0	-6.43	AV	10.00	150	Horizontal	Pass
2	2484.850	65.94	1.17	74.0	-8.06	Peak	16.00	150	Horizontal	Pass
2**	2484.850	46.98	1.17	54.0	-7.02	AV	16.00	150	Horizontal	Pass



802.11g CHANNEL 8



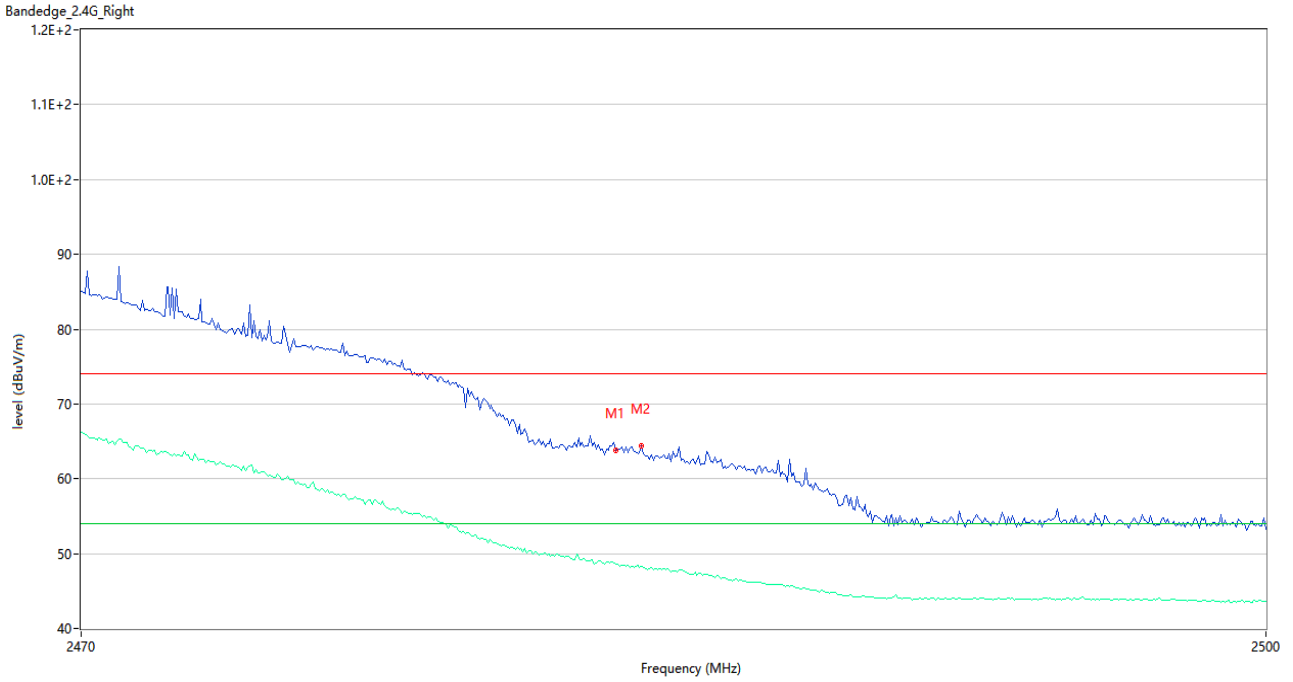
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	61.40	1.04	74.0	-12.60	Peak	1.00	150	Horizontal	Pass
1**	2483.500	45.68	1.04	54.0	-8.32	AV	1.00	150	Horizontal	Pass

802.11g CHANNEL 9



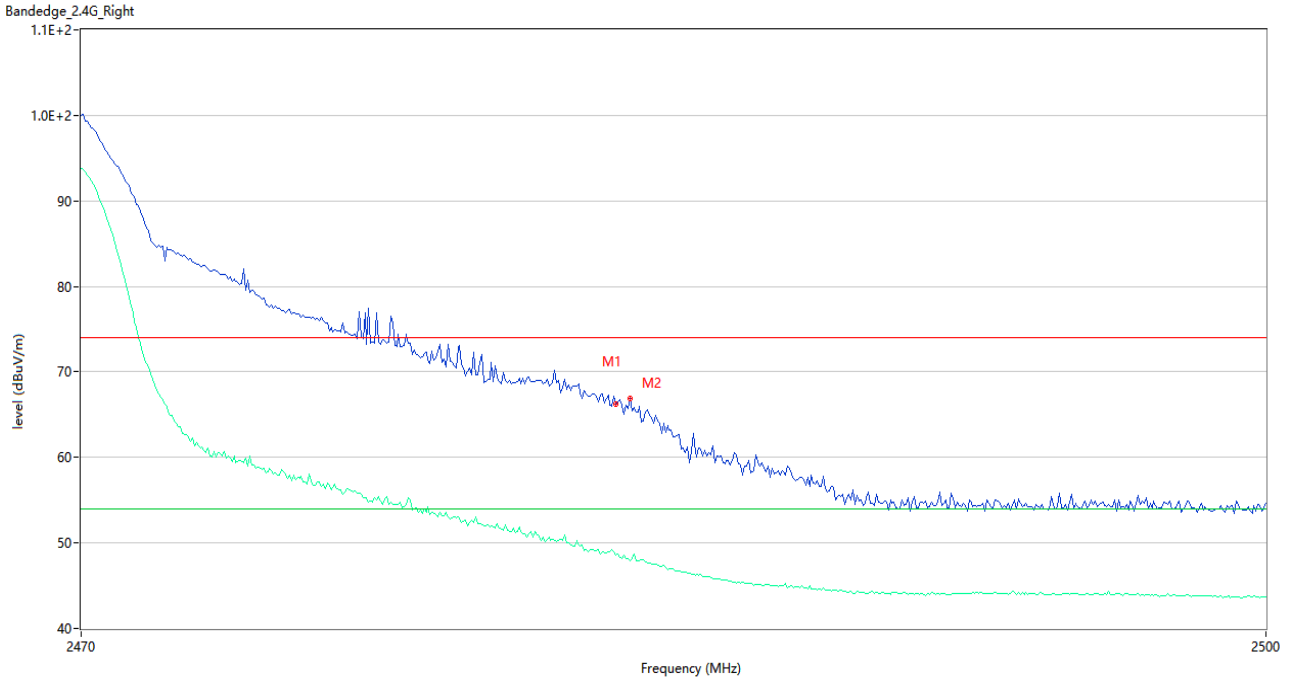
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	65.80	1.04	74.0	-8.20	Peak	4.00	150	Horizontal	Pass
1**	2483.500	47.92	1.04	54.0	-6.08	AV	4.00	150	Horizontal	Pass
2	2483.550	66.35	1.04	74.0	-7.65	Peak	5.00	150	Horizontal	Pass
2**	2483.550	47.45	1.04	54.0	-6.55	AV	5.00	150	Horizontal	Pass

802.11g CHANNEL 10



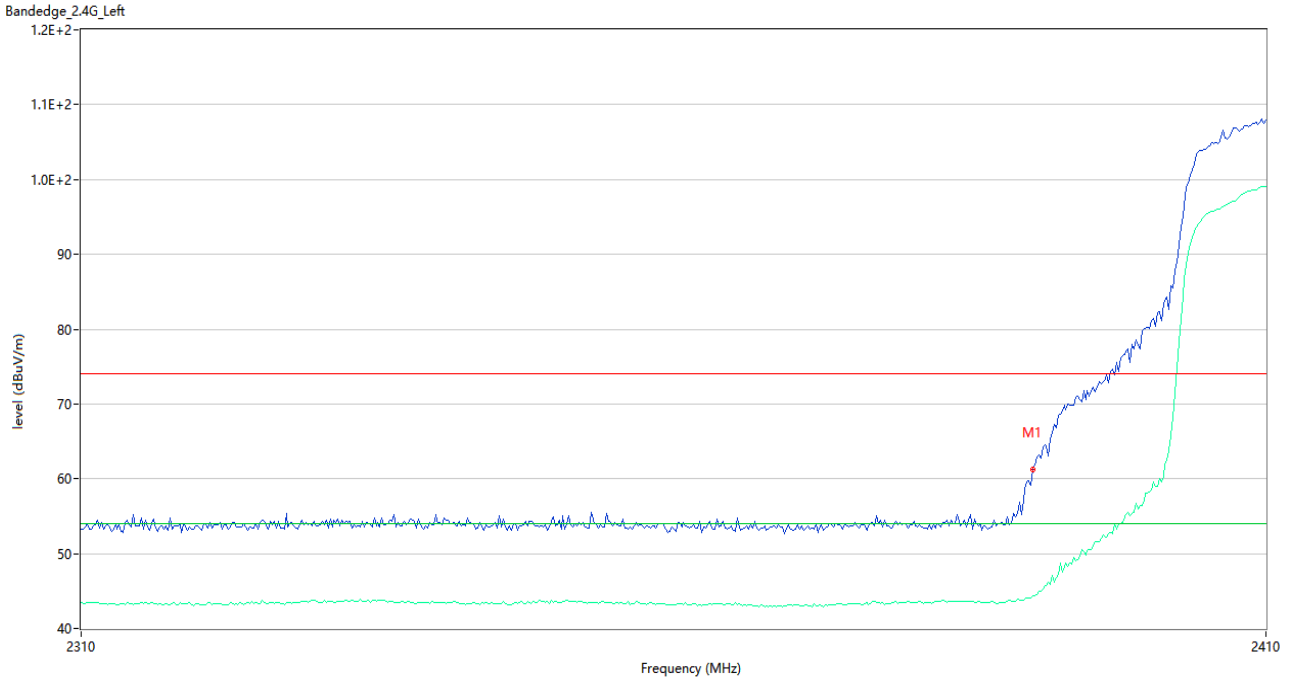
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	63.84	1.04	74.0	-10.16	Peak	12.00	150	Horizontal	Pass
1**	2483.500	48.59	1.04	54.0	-5.41	AV	12.00	150	Horizontal	Pass
2	2484.150	64.45	1.10	74.0	-9.55	Peak	9.00	150	Horizontal	Pass
2**	2484.150	48.23	1.10	54.0	-5.77	AV	9.00	150	Horizontal	Pass

802.11g CHANNEL 11



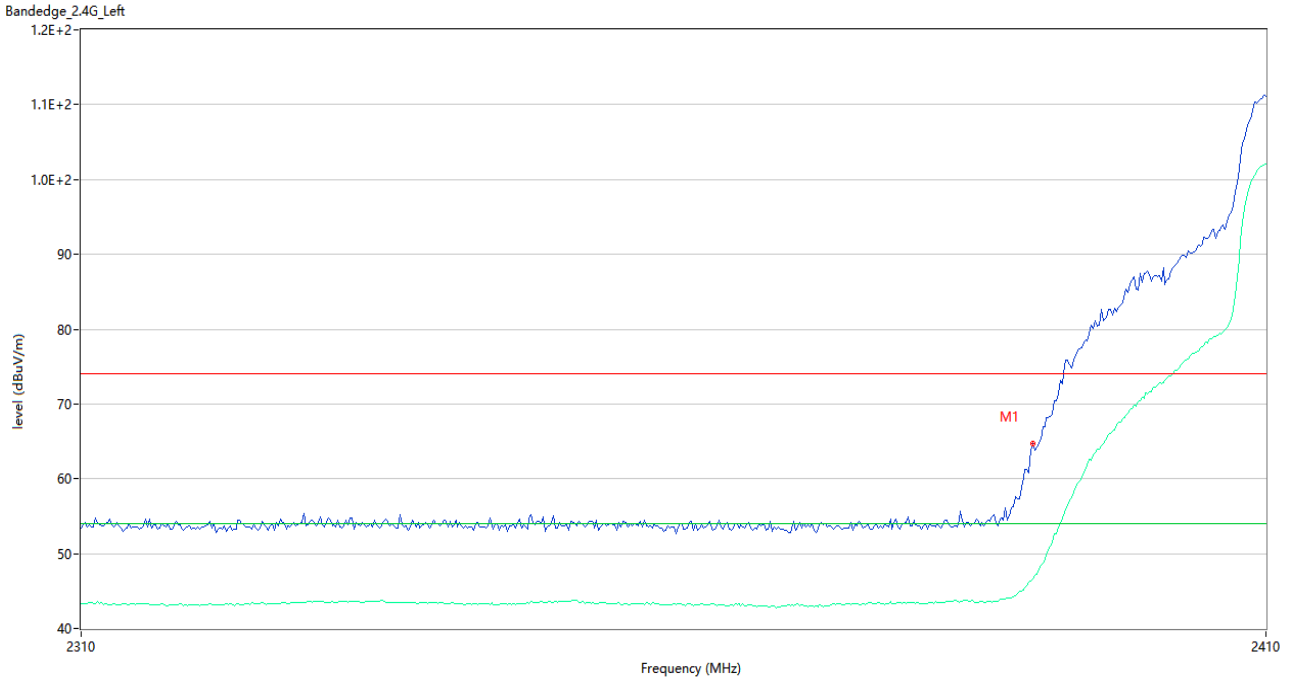
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	66.20	1.04	74.0	-7.80	Peak	19.00	150	Horizontal	Pass
1**	2483.500	48.61	1.04	54.0	-5.39	AV	19.00	150	Horizontal	Pass
2	2483.850	66.84	1.05	74.0	-7.16	Peak	14.00	150	Horizontal	Pass
2**	2483.850	47.95	1.05	54.0	-6.05	AV	14.00	150	Horizontal	Pass

802.11n-20 CHANNEL 1



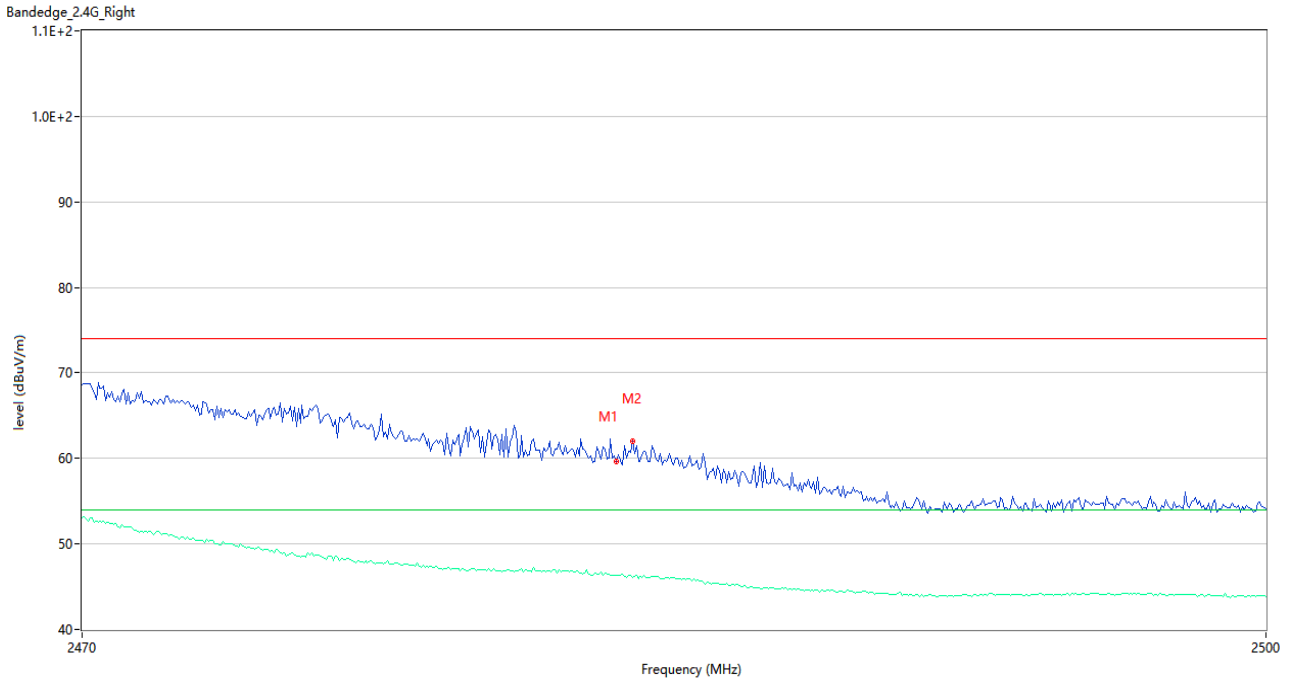
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	61.22	0.75	74.0	-12.78	Peak	19.00	150	Horizontal	Pass
1**	2390.000	44.34	0.75	54.0	-9.66	AV	19.00	150	Horizontal	Pass

802.11n-20 CHANNEL 2



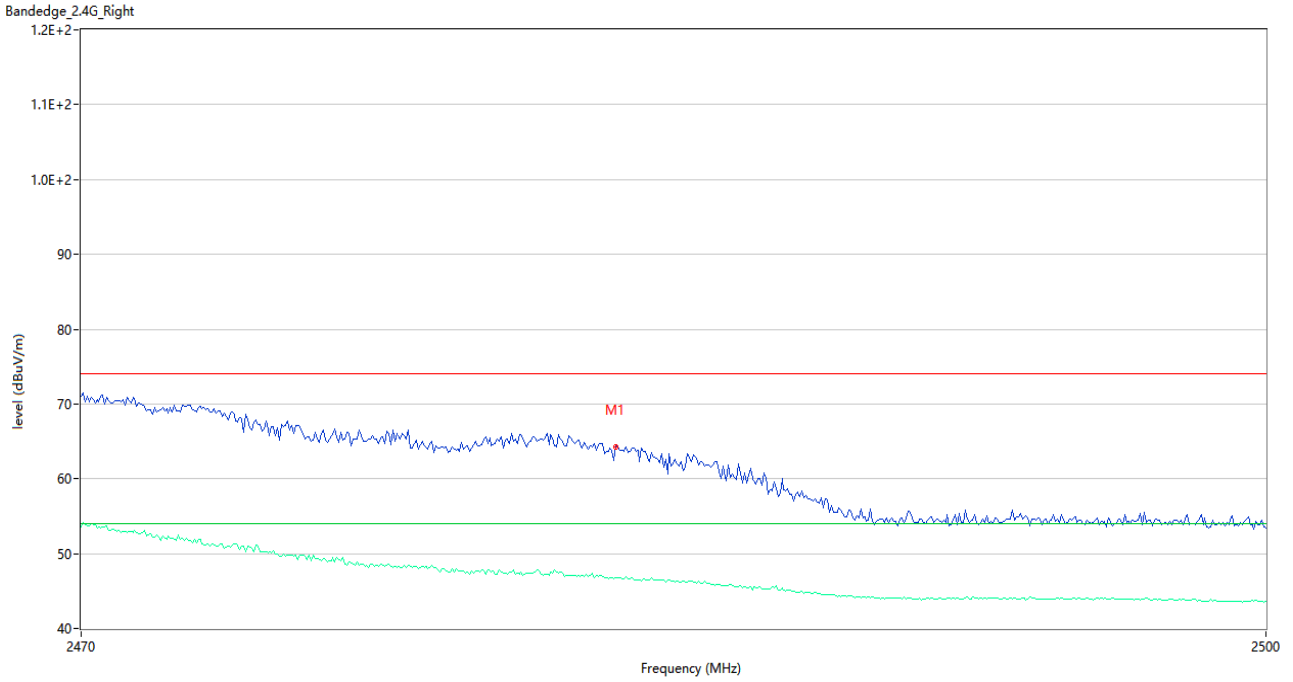
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	64.77	0.75	74.0	-9.23	Peak	4.00	150	Horizontal	Pass
1**	2390.000	46.68	0.75	54.0	-7.32	AV	4.00	150	Horizontal	Pass

802.11n-20 CHANNEL 5



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	59.70	1.04	74.0	-14.30	Peak	13.00	150	Horizontal	Pass
1**	2483.500	46.27	1.04	54.0	-7.73	AV	13.00	150	Horizontal	Pass
2	2483.900	62.07	1.06	74.0	-11.93	Peak	11.00	150	Horizontal	Pass
2**	2483.900	46.12	1.06	54.0	-7.88	AV	11.00	150	Horizontal	Pass

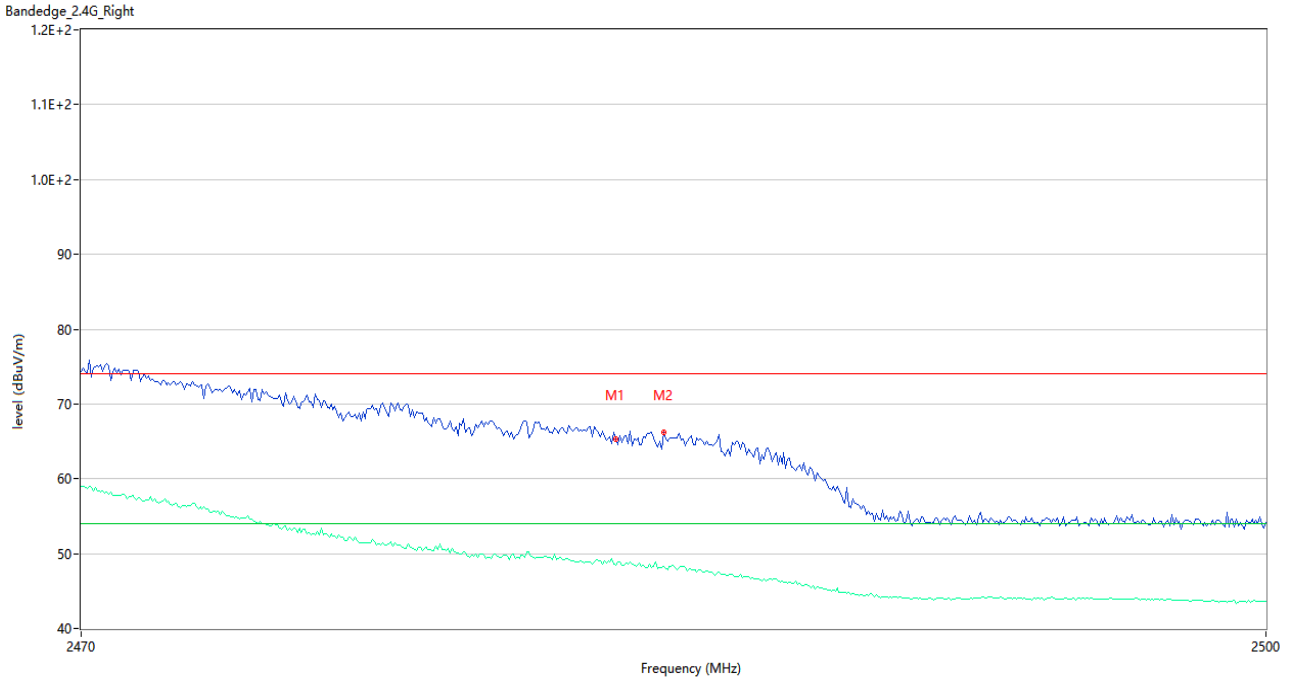
802.11n-20 CHANNEL 6



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	64.21	1.04	74.0	-9.79	Peak	12.00	150	Horizontal	Pass
1**	2483.500	46.84	1.04	54.0	-7.16	AV	12.00	150	Horizontal	Pass

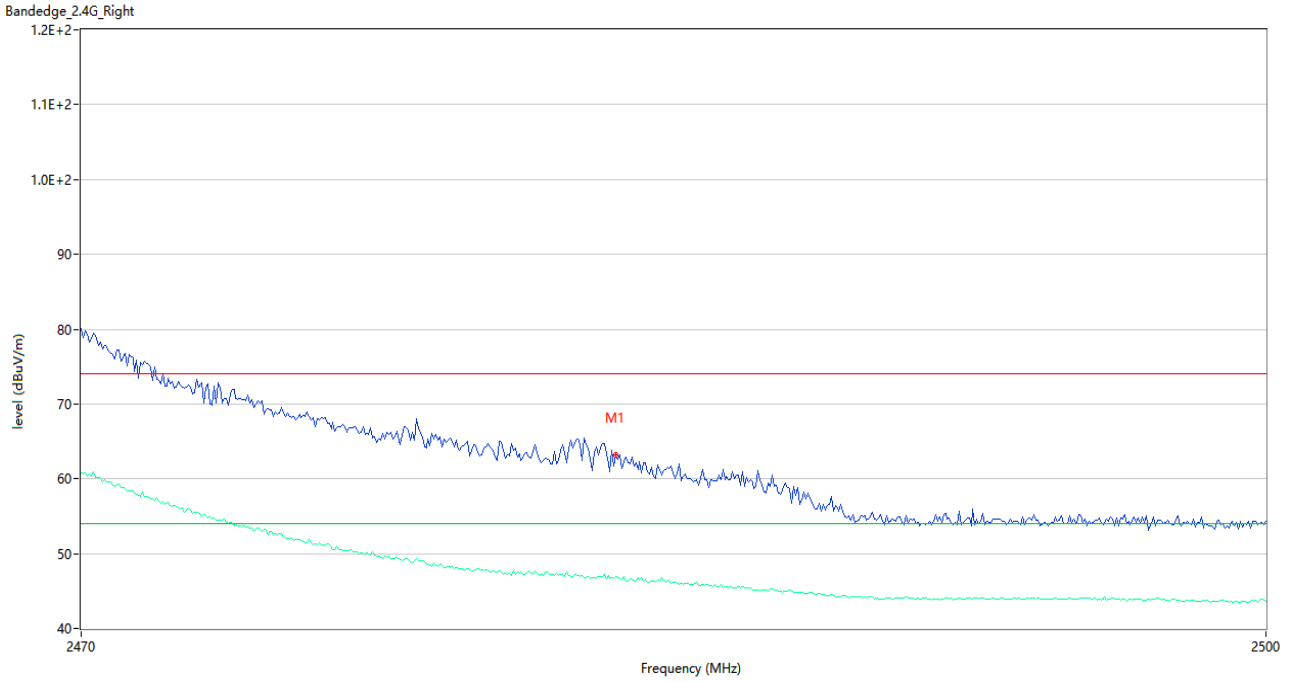


802.11n-20 CHANNEL 7



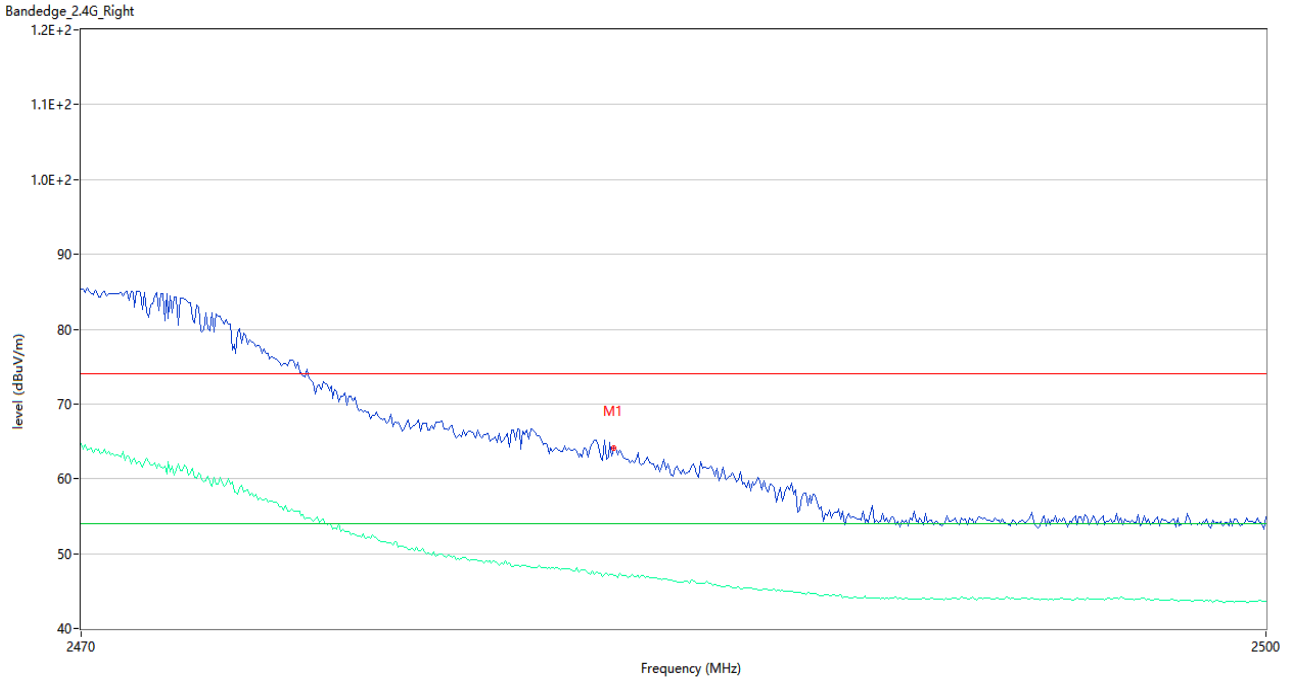
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	65.27	1.04	74.0	-8.73	Peak	21.00	150	Horizontal	Pass
1**	2483.500	48.45	1.04	54.0	-5.55	AV	21.00	150	Horizontal	Pass
2	2484.700	66.22	1.16	74.0	-7.78	Peak	12.00	150	Horizontal	Pass
2**	2484.700	48.30	1.16	54.0	-5.70	AV	12.00	150	Horizontal	Pass

802.11n-20 CHANNEL 8



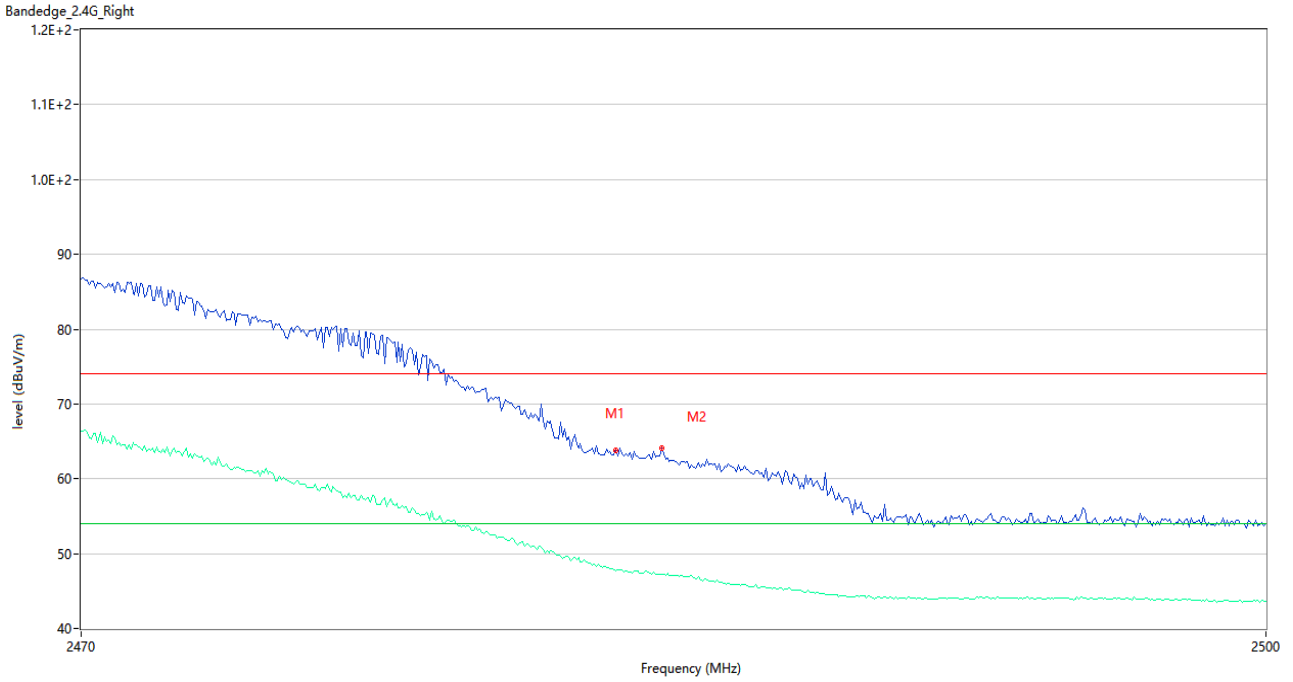
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	63.21	1.04	74.0	-10.79	Peak	21.00	150	Horizontal	Pass
1**	2483.500	46.91	1.04	54.0	-7.09	AV	21.00	150	Horizontal	Pass

802.11n-20 CHANNEL 9



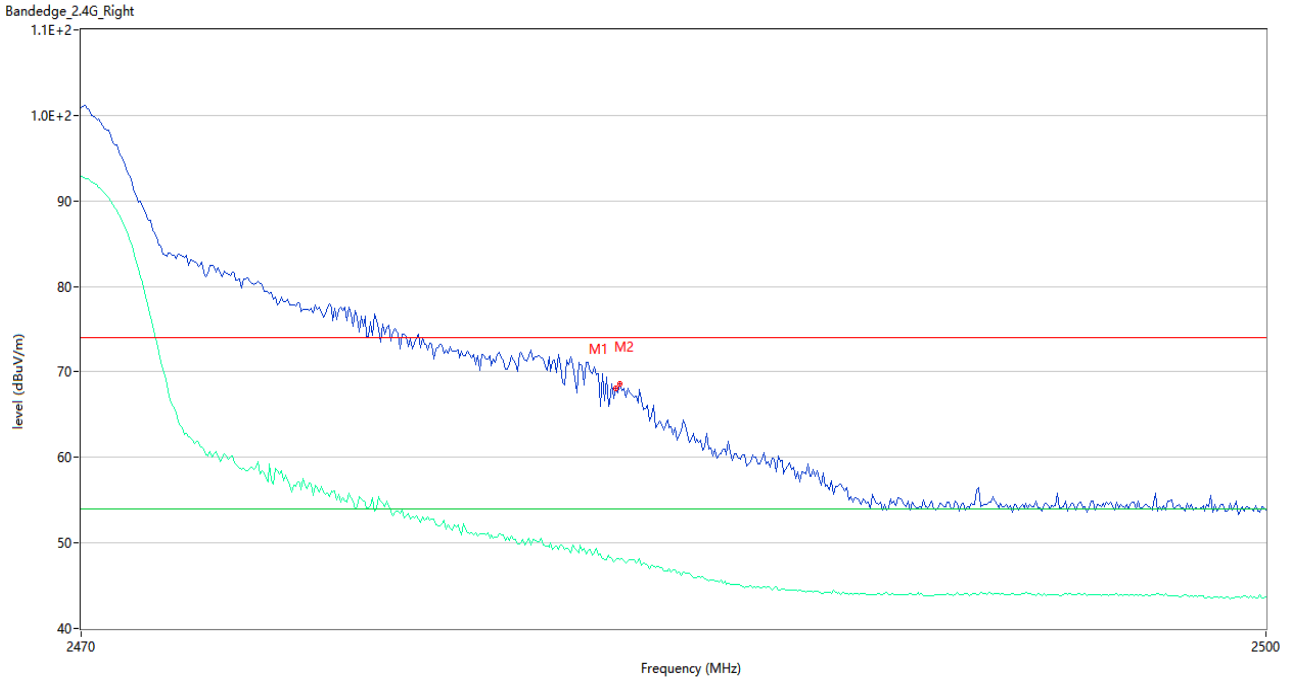
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	64.13	1.04	74.0	-9.87	Peak	2.00	150	Horizontal	Pass
1**	2483.500	47.06	1.04	54.0	-6.94	AV	2.00	150	Horizontal	Pass

802.11n-20 CHANNEL 10



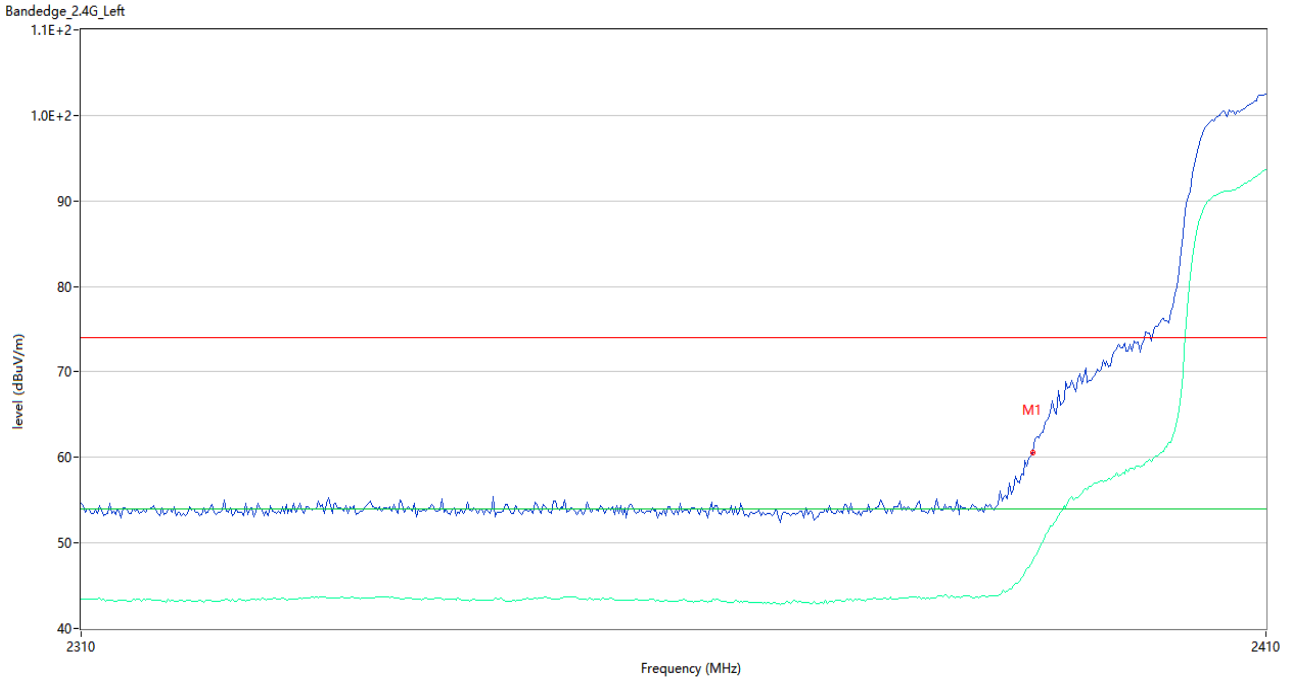
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	63.76	1.04	74.0	-10.24	Peak	15.00	150	Horizontal	Pass
1**	2483.500	47.71	1.04	54.0	-6.29	AV	15.00	150	Horizontal	Pass
2	2484.650	64.05	1.16	74.0	-9.95	Peak	13.00	150	Horizontal	Pass
2**	2484.650	47.26	1.16	54.0	-6.74	AV	13.00	150	Horizontal	Pass

802.11n-20 CHANNEL 11



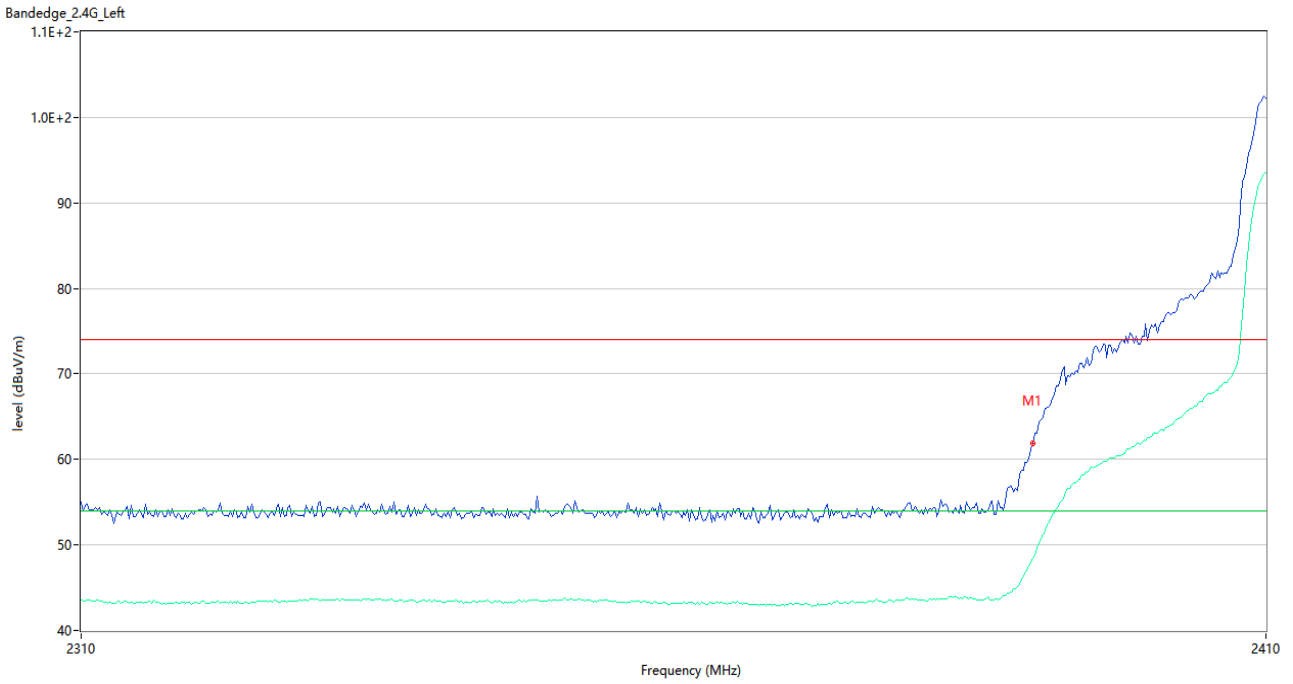
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	68.06	1.04	74.0	-5.94	Peak	2.00	150	Horizontal	Pass
1**	2483.500	48.01	1.04	54.0	-5.99	AV	2.00	150	Horizontal	Pass
2	2483.600	68.62	1.04	74.0	-5.38	Peak	10.00	150	Horizontal	Pass
2**	2483.600	48.09	1.04	54.0	-5.91	AV	10.00	150	Horizontal	Pass

802.11n-40 CHANNEL 3



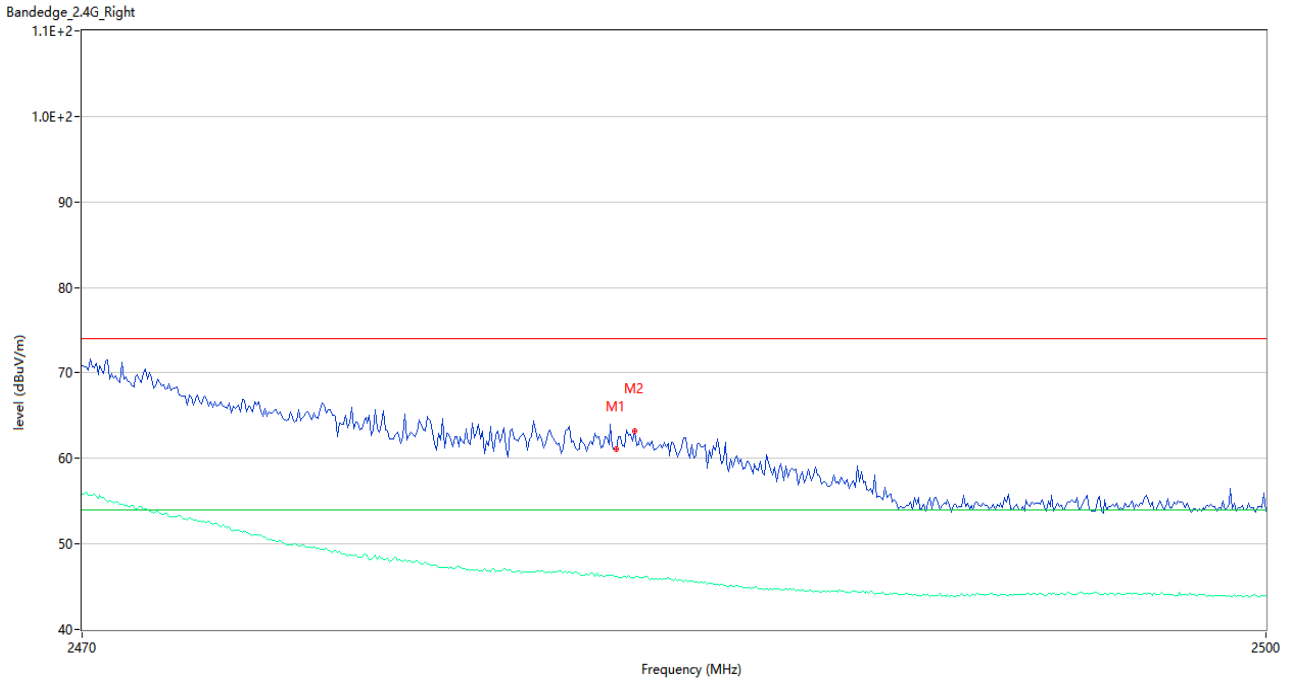
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	60.55	0.75	74.0	-13.45	Peak	18.00	150	Horizontal	Pass
1**	2390.000	47.90	0.75	54.0	-6.10	AV	18.00	150	Horizontal	Pass

802.11n-40 CHANNEL 4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	61.90	0.75	74.0	-12.10	Peak	13.00	150	Horizontal	Pass
1**	2390.000	48.41	0.75	54.0	-5.59	AV	13.00	150	Horizontal	Pass

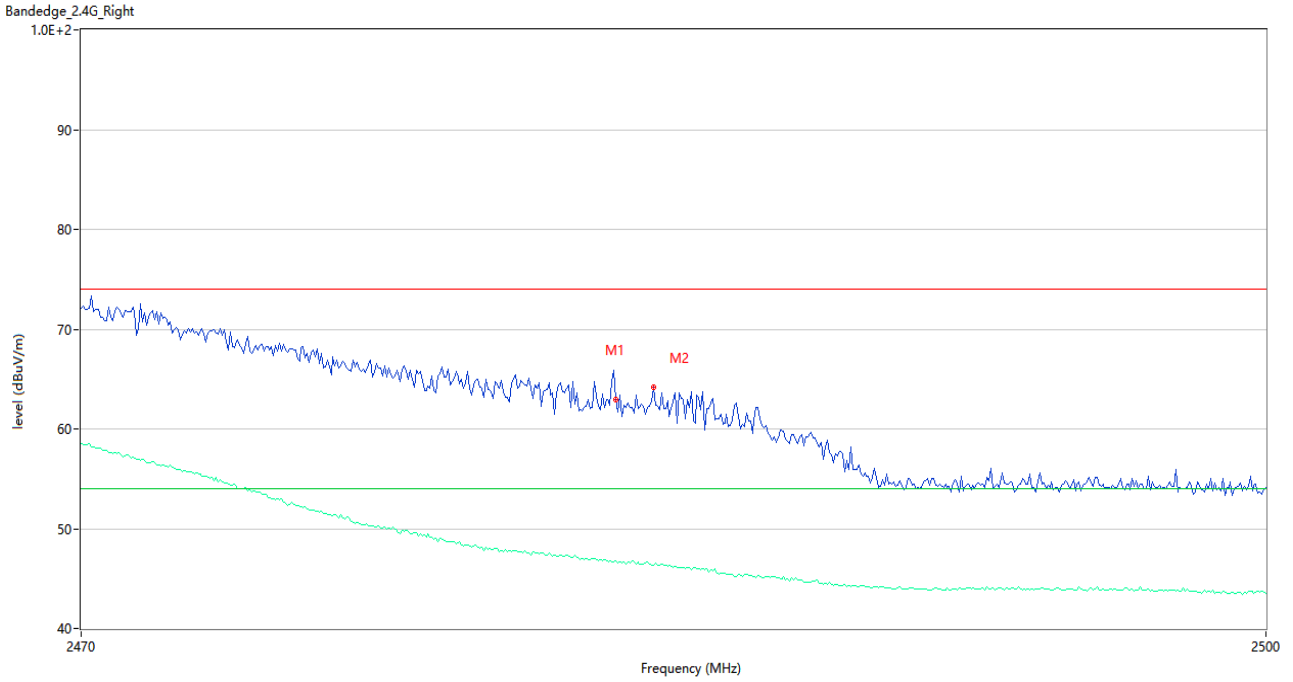
802.11n-40 CHANNEL 5



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	61.04	1.04	74.0	-12.96	Peak	9.00	150	Horizontal	Pass
1**	2483.500	46.18	1.04	54.0	-7.82	AV	9.00	150	Horizontal	Pass
2	2483.950	63.26	1.07	74.0	-10.74	Peak	9.00	150	Horizontal	Pass
2**	2483.950	46.03	1.07	54.0	-7.97	AV	9.00	150	Horizontal	Pass

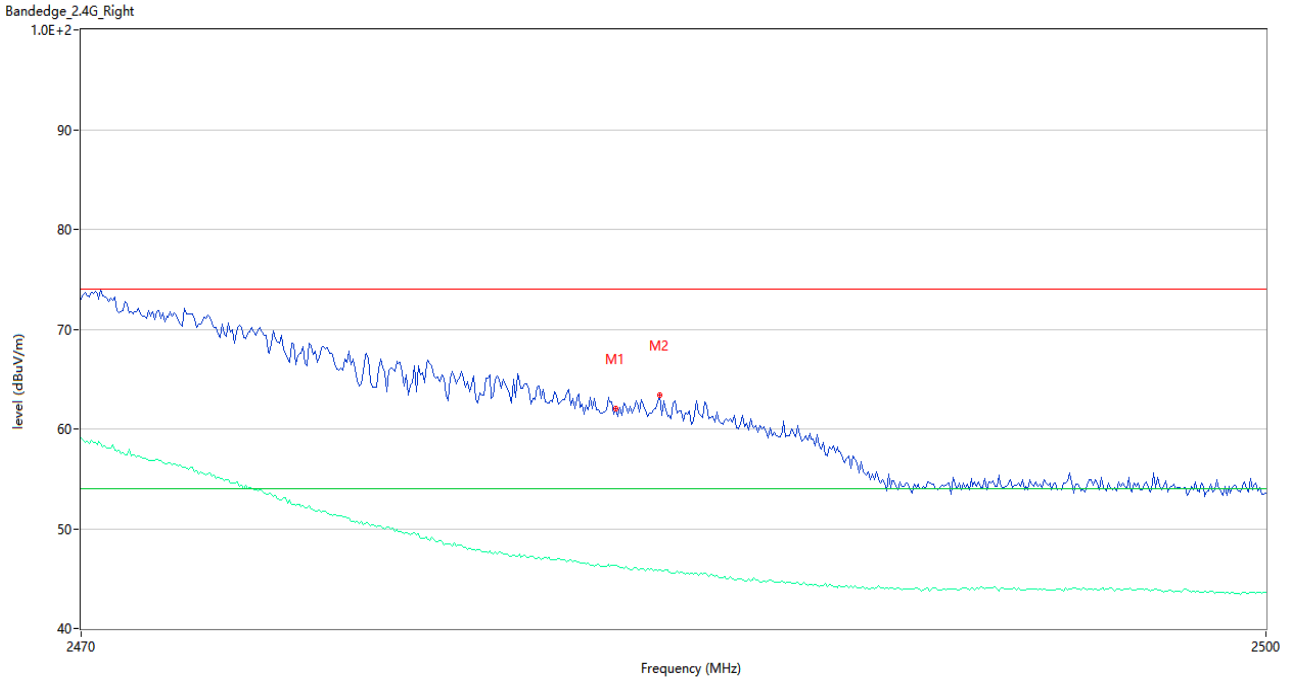


802.11n-40 CHANNEL 6



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	62.95	1.04	74.0	-11.05	Peak	5.00	150	Horizontal	Pass
1**	2483.500	46.76	1.04	54.0	-7.24	AV	5.00	150	Horizontal	Pass
2	2484.450	64.14	1.14	74.0	-9.86	Peak	1.00	150	Horizontal	Pass
2**	2484.450	46.38	1.14	54.0	-7.62	AV	1.00	150	Horizontal	Pass

802.11n-40 CHANNEL 7



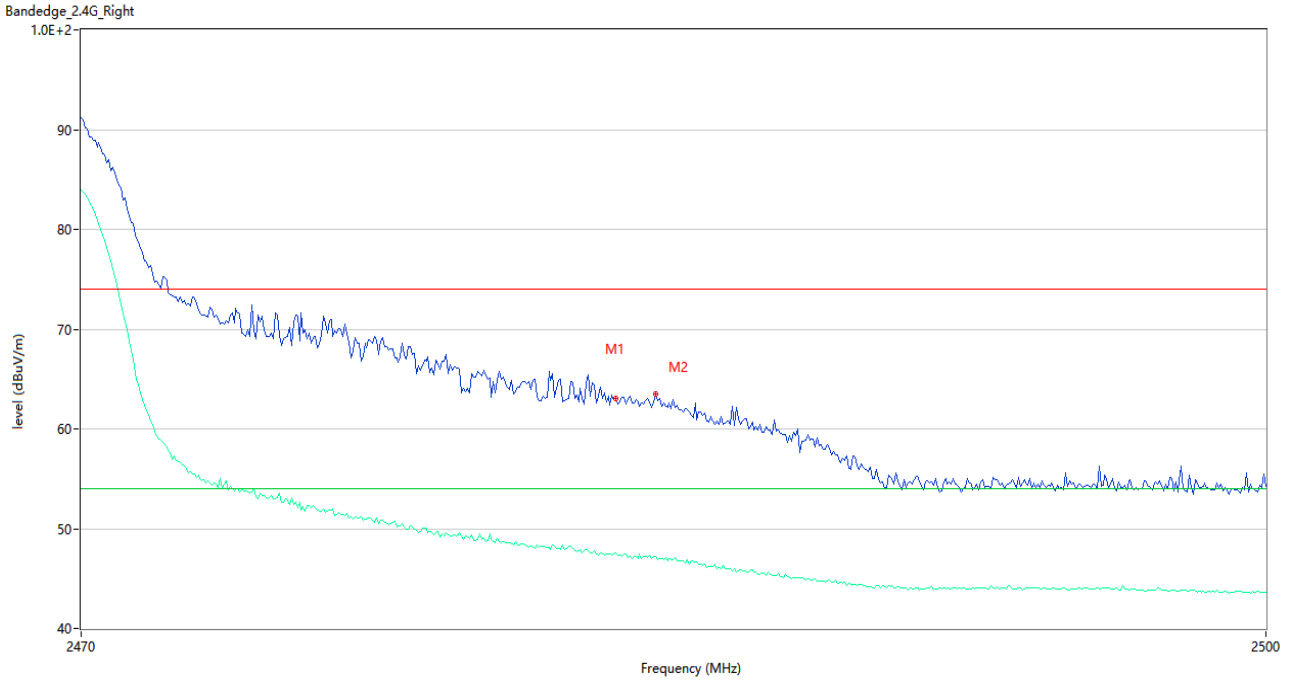
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	62.04	1.04	74.0	-11.96	Peak	21.00	150	Horizontal	Pass
1**	2483.500	46.32	1.04	54.0	-7.68	AV	21.00	150	Horizontal	Pass
2	2484.600	63.34	1.16	74.0	-10.66	Peak	18.00	150	Horizontal	Pass
2**	2484.600	45.87	1.16	54.0	-8.13	AV	18.00	150	Horizontal	Pass

802.11n-40 CHANNEL 8



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	62.87	1.04	74.0	-11.13	Peak	16.00	150	Horizontal	Pass
1**	2483.500	48.23	1.04	54.0	-5.77	AV	16.00	150	Horizontal	Pass
2	2484.300	63.73	1.12	74.0	-10.27	Peak	18.00	150	Horizontal	Pass
2**	2484.300	47.85	1.12	54.0	-6.15	AV	18.00	150	Horizontal	Pass

802.11n-40 CHANNEL 9



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	63.05	1.04	74.0	-10.95	Peak	22.00	150	Horizontal	Pass
1**	2483.500	47.59	1.04	54.0	-6.41	AV	22.00	150	Horizontal	Pass
2	2484.500	63.53	1.14	74.0	-10.47	Peak	10.00	150	Horizontal	Pass
2**	2484.500	47.25	1.14	54.0	-6.75	AV	10.00	150	Horizontal	Pass

## A.8 Power Spectral Density (PSD)

### Test Data

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
1	-14.99	8
2	-12.56	8
3	-13.51	8
4	-15.54	8
5	-16.58	8
6	-15.55	8
7	-11.97	8
8	-11.67	8
9	-11.66	8
10	-14.88	8
11	-16.42	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
1	-20.80	8
2	-17.26	8
5	-17.03	8
6	-19.14	8
7	-19.42	8
8	-20.40	8
9	-19.52	8
10	-18.63	8
11	-20.84	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
1	-22.69	8
2	-17.02	8
5	-16.56	8
6	-19.77	8
7	-19.24	8
8	-20.01	8
9	-19.90	8
10	-20.20	8
11	-22.87	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
3	-22.64	8
4	-20.06	8
5	-20.14	8
6	-21.87	8
7	-23.44	8
8	-23.73	8
9	-26.34	8

## Test Plots

802.11b CHANNEL 1



802.11b CHANNEL 2



802.11b CHANNEL 3



802.11b CHANNEL 4



802.11b CHANNEL 5



802.11b CHANNEL 6



802.11b CHANNEL 7



802.11b CHANNEL 8



802.11b CHANNEL 9



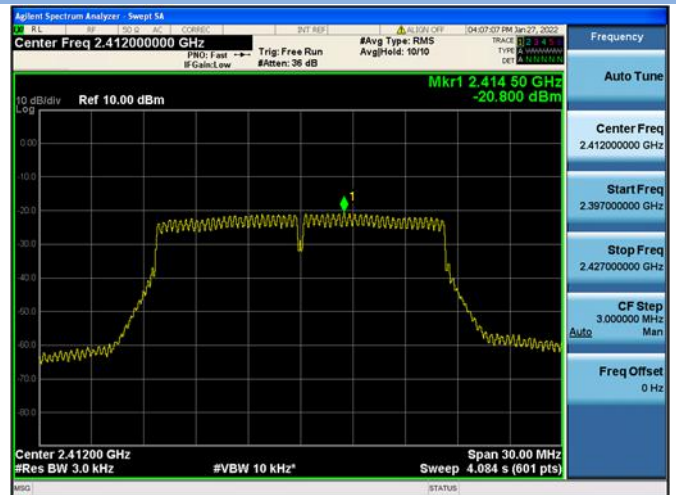
802.11b CHANNEL 10



802.11b CHANNEL 11



802.11g CHANNEL 1





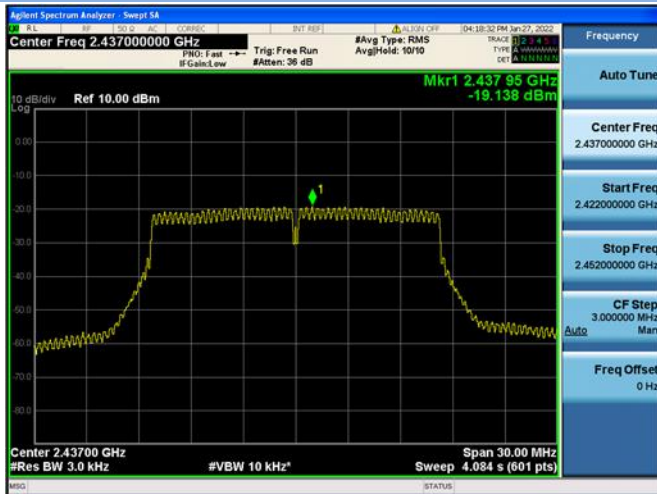
### 802.11g CHANNEL 2



### 802.11g CHANNEL 5



### 802.11g CHANNEL 6



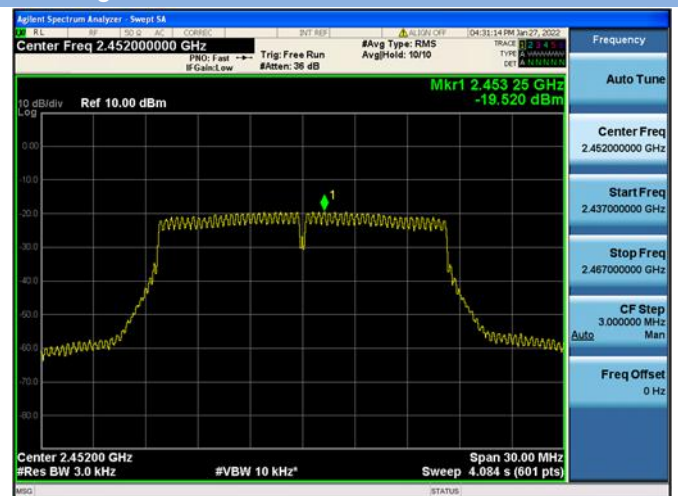
### 802.11g CHANNEL 7



### 802.11g CHANNEL 8



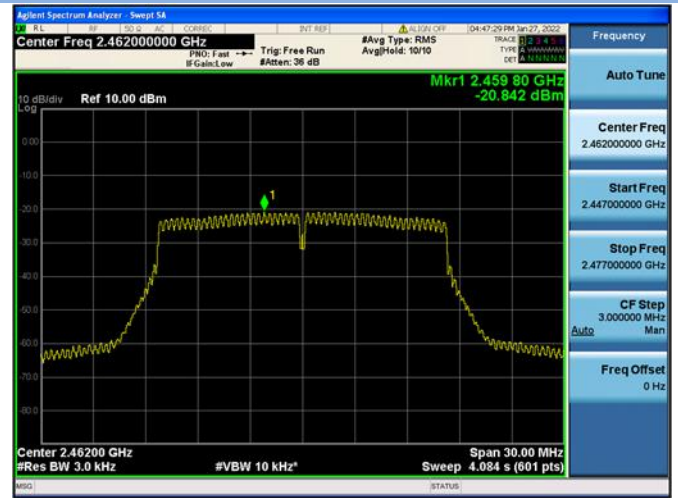
### 802.11g CHANNEL 9



802.11g CHANNEL 10



802.11g CHANNEL 11



802.11n-20 MHz CHANNEL 1



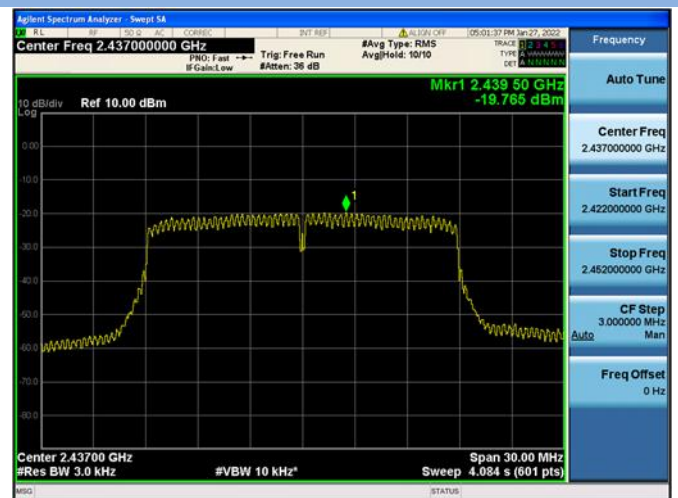
802.11 n-20 MHz CHANNEL 2



802.11n-20 MHz CHANNEL 5



802.11 n-20 MHz CHANNEL 6



802.11n-20 MHz CHANNEL 7



802.11 n-20 MHz CHANNEL 8



802.11n-20 MHz CHANNEL 9



802.11 n-20 MHz CHANNEL 10



802.11n-20 MHz CHANNEL 11



802.11n-40 MHz CHANNEL 3



802.11n-40 MHz CHANNEL 4



802.11n-40 MHz CHANNEL 5



802.11n-40 MHz CHANNEL 6



802.11n-40 MHz CHANNEL 7



802.11n-40 MHz CHANNEL 8



802.11n-40 MHz CHANNEL 9



## **ANNEX B TEST SETUP PHOTOS**

Please refer the document "BL-SZ21C0655-AR.pdf".

## **ANNEX C EUT EXTERNAL PHOTOS**

Please refer the document "BL-SZ21C0655-AW.pdf".

## **ANNEX D EUT INTERNAL PHOTOS**

Please refer the document "BL-SZ21C0655-AI.pdf".

--END OF REPORT--