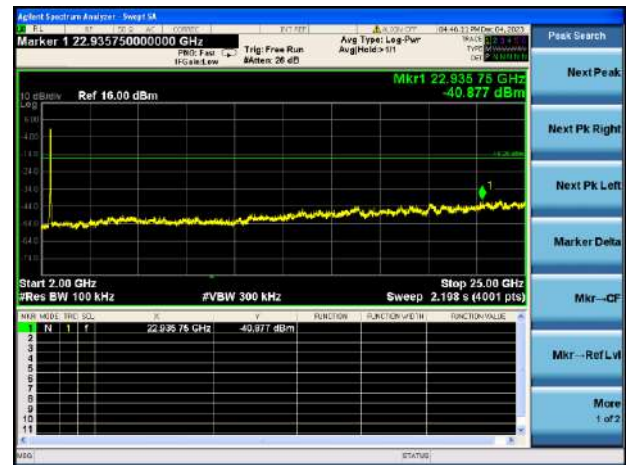
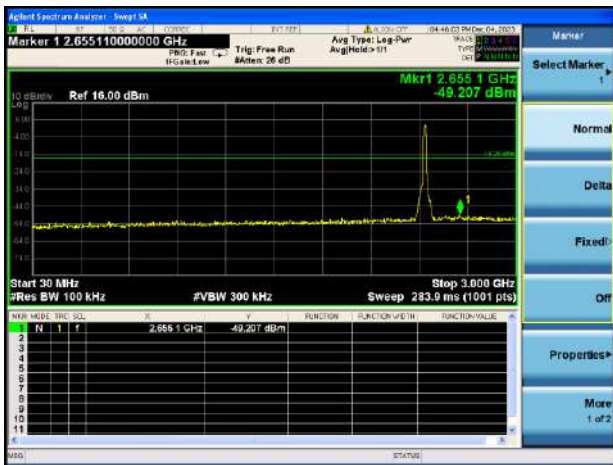
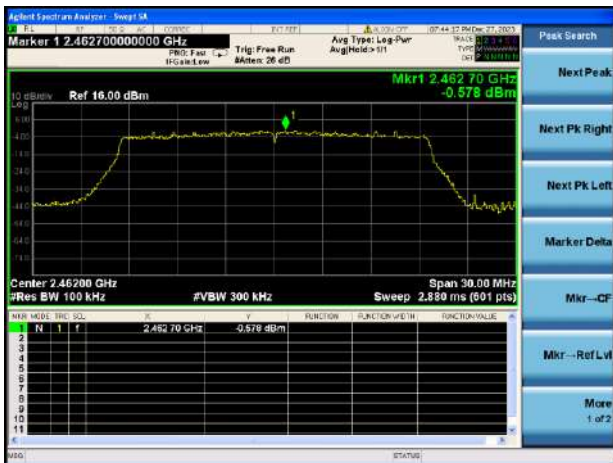


802.11ax-20 MHz MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz

802.11ax-20 MHz MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

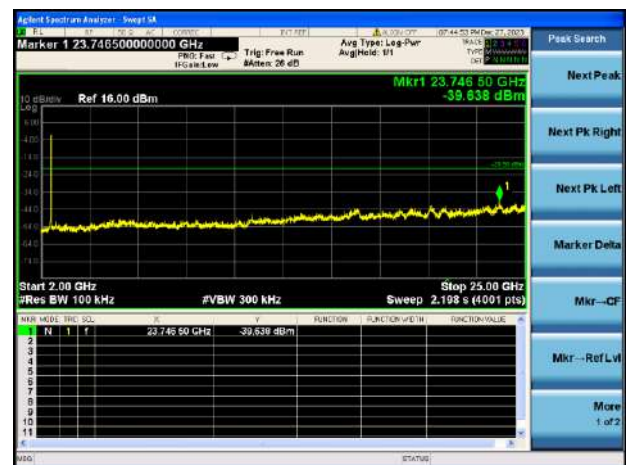
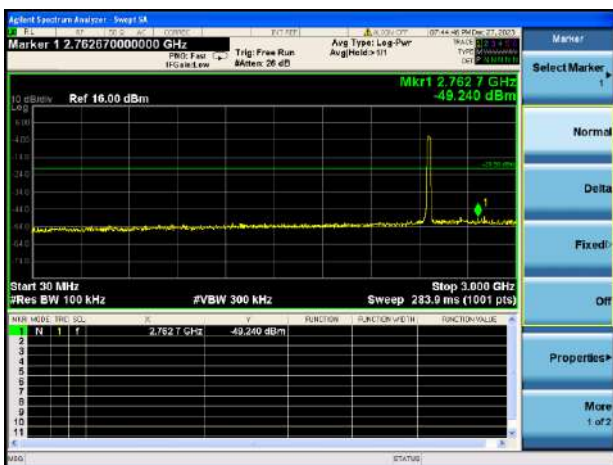


802.11ax-20 MHz HIGH CHANNEL CARRIER LEVEL



802.11ax-20 MHz HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz

802.11ax-20 MHz HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

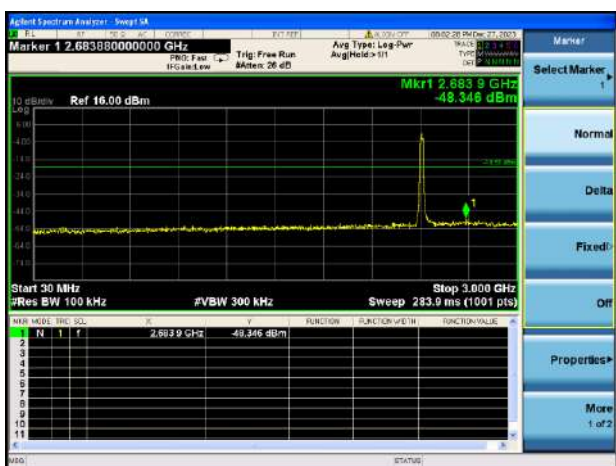


MIMO-Aux. Antenna

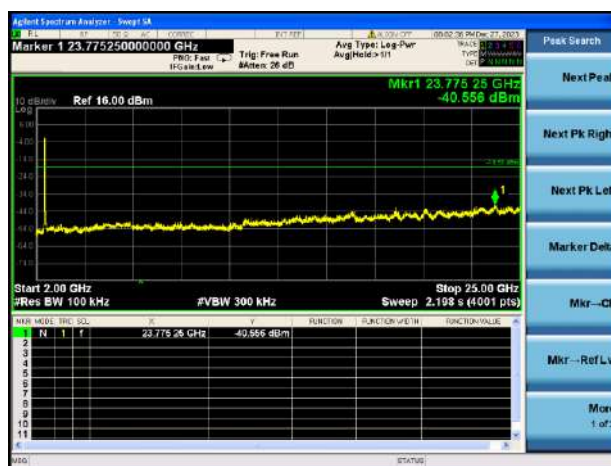
802.11n-20 MHz LOW CHANNEL CARRIER LEVEL



802.11n-20 MHz LOW CHANNEL, SPURIOUS  
30 MHz ~ 3 GHz



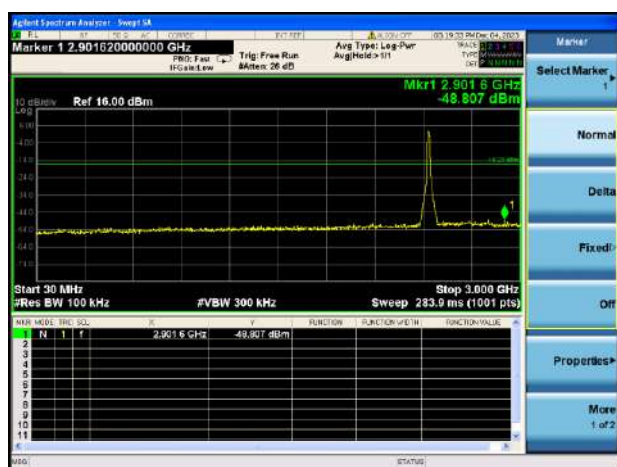
802.11n-20 MHz LOW CHANNEL, SPURIOUS  
2 GHz ~ 25 GHz



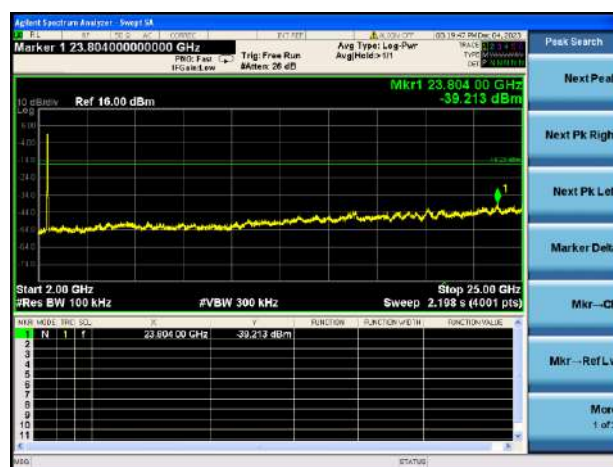
802.11n-20 MHz MIDDLE CHANNEL CARRIER LEVEL



802.11n-20 MHz MIDDLE CHANNEL, SPURIOUS  
30 MHz ~ 3 GHz



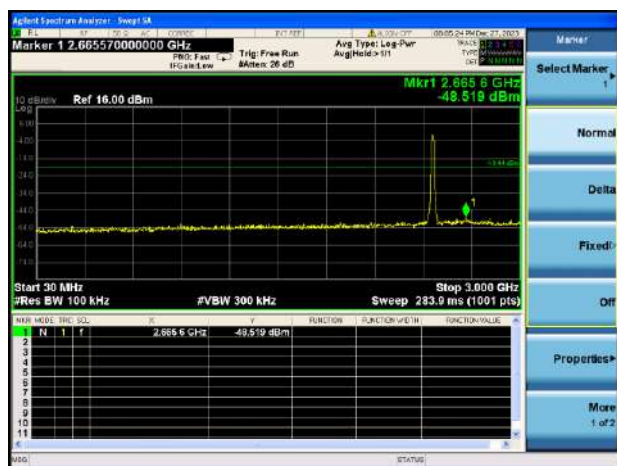
802.11n-20 MHz MIDDLE CHANNEL, SPURIOUS  
2 GHz ~ 25 GHz



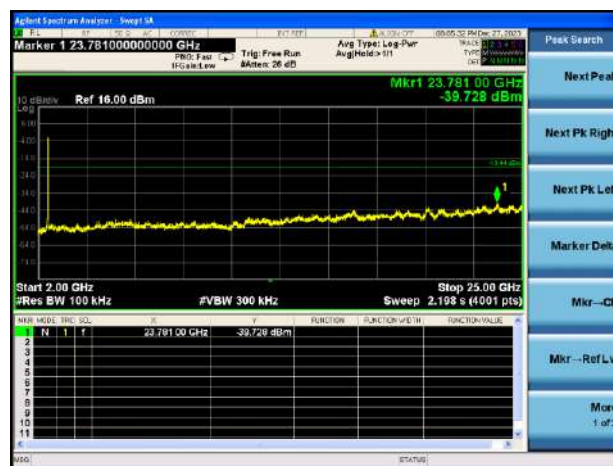
802.11n-20 MHz HIGH CHANNEL CARRIER LEVEL



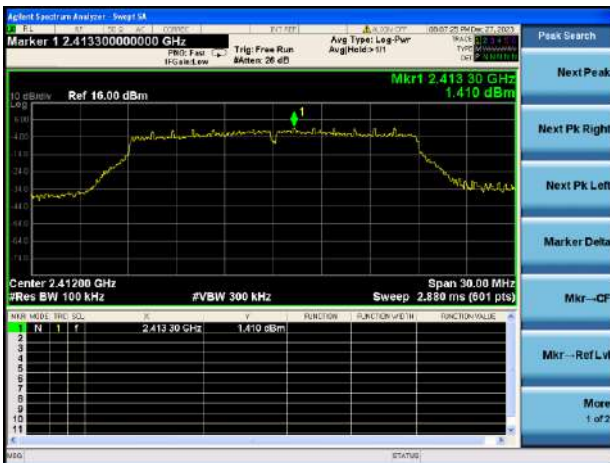
802.11n-20 MHz HIGH CHANNEL, SPURIOUS  
30 MHz ~ 3 GHz



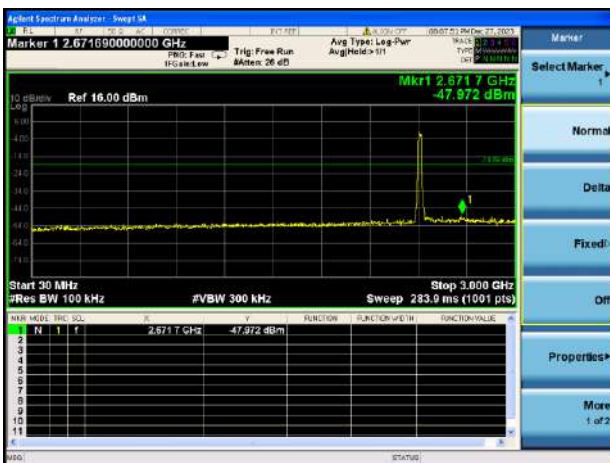
802.11n-20 MHz HIGH CHANNEL, SPURIOUS  
2 GHz ~ 25 GHz



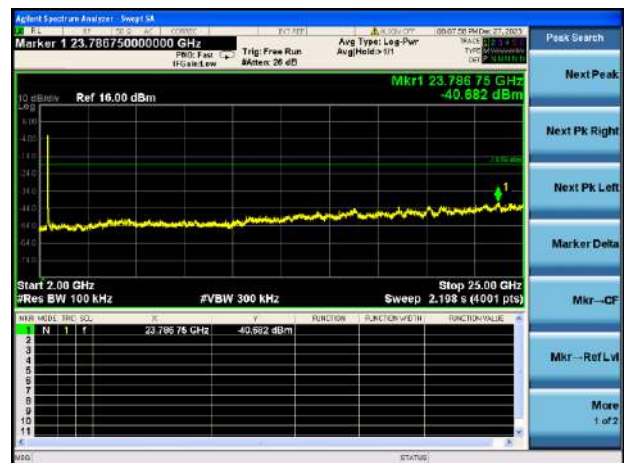
VHT-20 MHz LOW CHANNEL CARRIER LEVEL



VHT-20 MHz LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



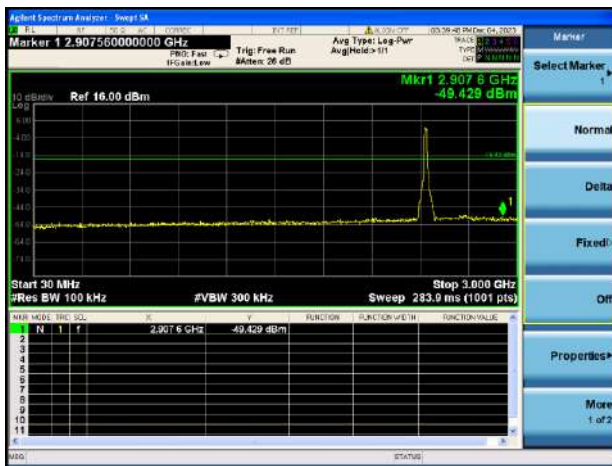
VHT-20 MHz LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



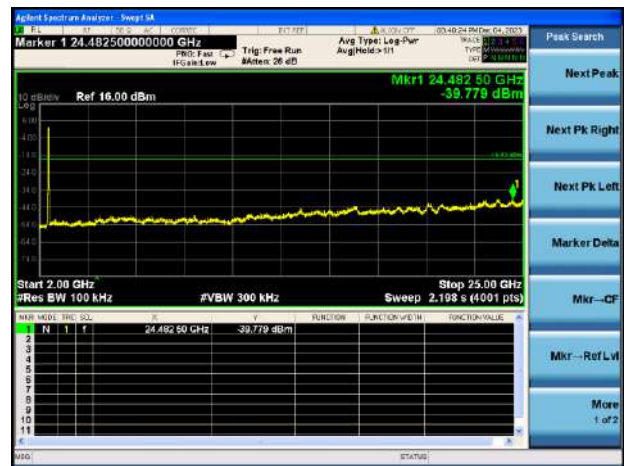
VHT-20 MHz MIDDLE CHANNEL CARRIER LEVEL



VHT-20 MHz MIDDLE CHANNEL, SPURIOUS  
30 MHz ~ 3 GHz



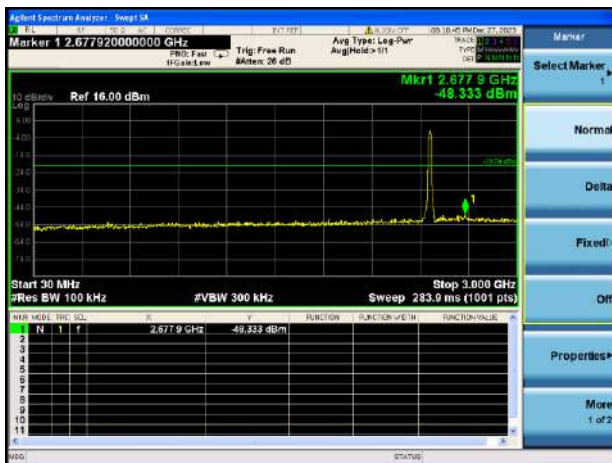
VHT-20 MHz MIDDLE CHANNEL, SPURIOUS  
2 GHz ~ 25 GHz



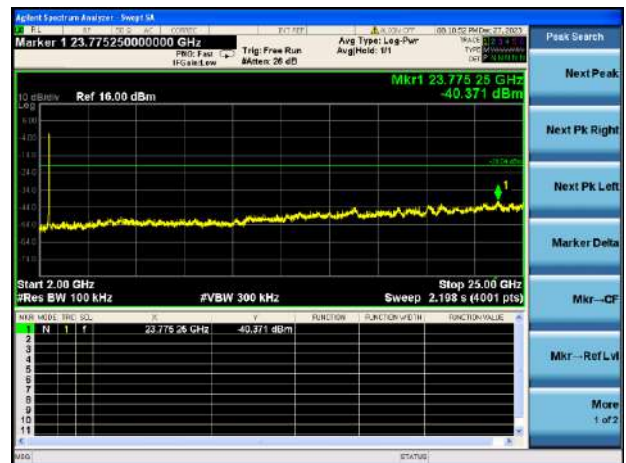
VHT-20 MHz HIGH CHANNEL CARRIER LEVEL



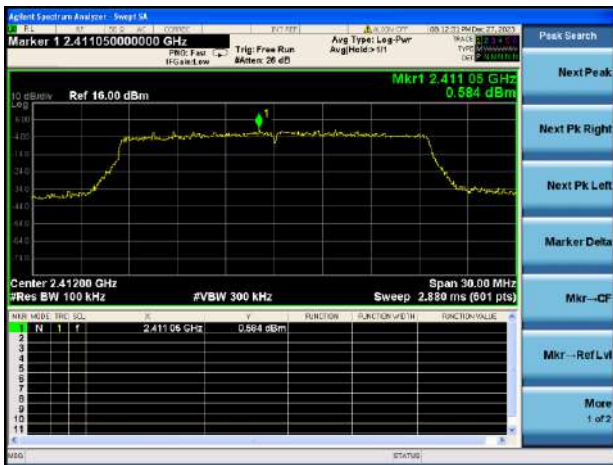
VHT-20 MHz HIGH CHANNEL, SPURIOUS  
30 MHz ~ 3 GHz



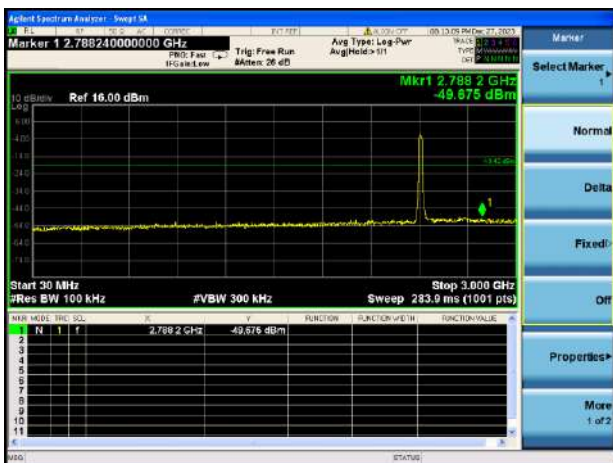
VHT-20 MHz HIGH CHANNEL, SPURIOUS  
2 GHz ~ 25 GHz



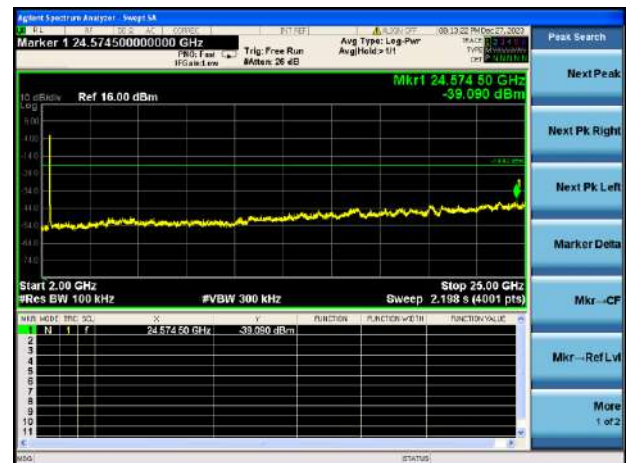
802.11ax-20 MHz LOW CHANNEL CARRIER LEVEL



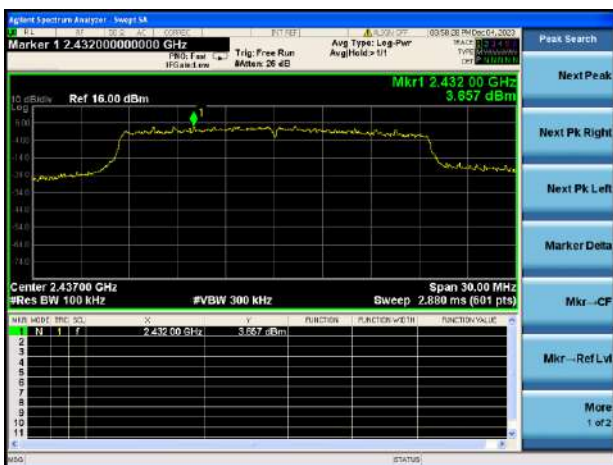
802.11ax-20 MHz LOW CHANNEL, SPURIOUS  
30 MHz ~ 3 GHz



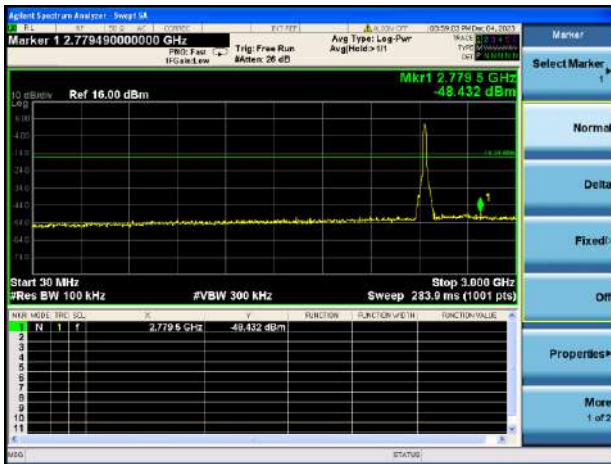
802.11ax-20 MHz LOW CHANNEL, SPURIOUS  
2 GHz ~ 25 GHz



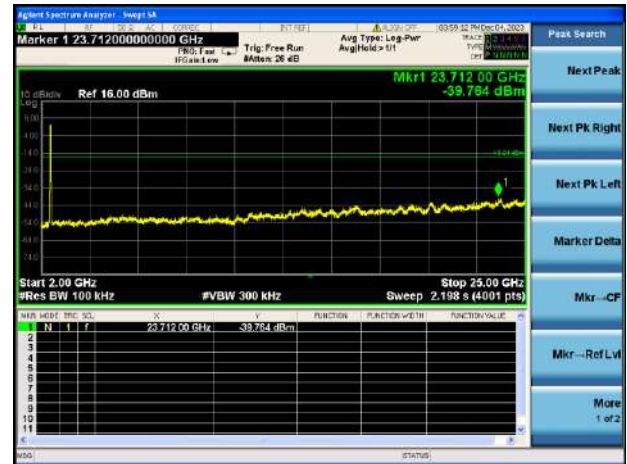
802.11ax-20 MHz MIDDLE CHANNEL CARRIER LEVEL



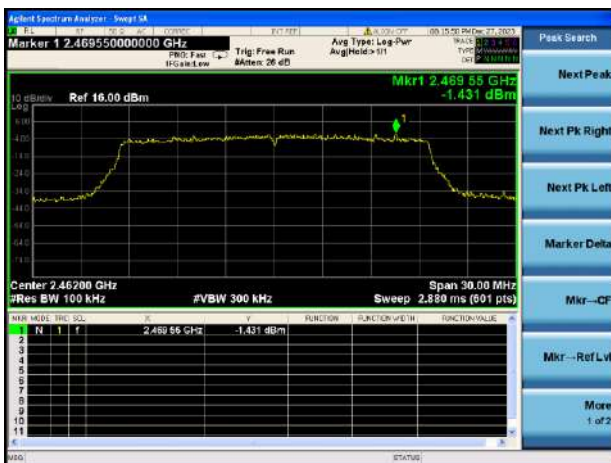
802.11ax-20 MHz MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



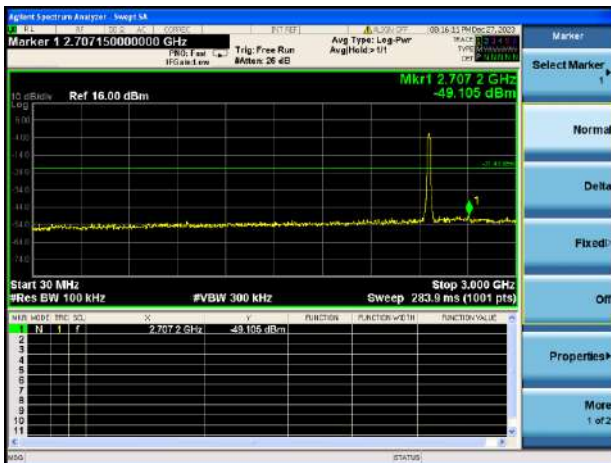
802.11ax-20 MHz MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



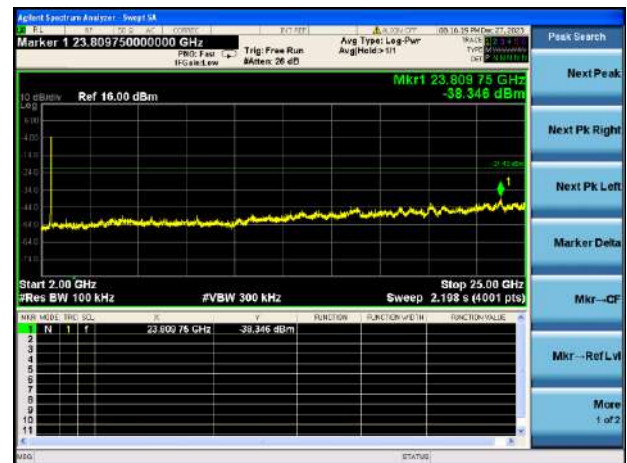
802.11ax-20 MHz HIGH CHANNEL CARRIER LEVEL



802.11ax-20 MHz HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



802.11ax-20 MHz HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



## A.4 Band Edge (Authorized-band band-edge)

Note 1: The 99% OBW of the fundamental emission is without 2 MHz of the authorized band.

Note 2: The 802.11ax mode of the EUT only support full RU size configuration.

### Test Data

#### SISO-Main Antenna

##### 802.11b Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-31.37	8.88	-11.12	Pass
High Channel	-39.81	8.84	-11.16	Pass

##### 802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-21.58	5.62	-14.38	Pass
High Channel	-40.45	2.76	-17.24	Pass

##### 802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-22.06	5.57	-14.43	Pass
High Channel	-39.95	2.81	-17.19	Pass

##### VHT-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-21.19	5.80	-14.20	Pass
High Channel	-39.19	2.54	-17.46	Pass

##### 802.11ax-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-30.74	2.19	-17.81	Pass
High Channel	-43.14	2.06	-17.94	Pass



### SISO-Aux. Antenna

#### 802.11b Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-35.45	9.09	-10.91	Pass
High Channel	-41.19	10.39	-9.61	Pass

#### 802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-34.96	1.74	-18.26	Pass
High Channel	-40.16	2.14	-17.86	Pass

#### 802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-33.29	1.57	-18.43	Pass
High Channel	-39.23	1.93	-18.07	Pass

#### VHT-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-33.19	2.00	-18.00	Pass
High Channel	-39.94	1.53	-18.47	Pass

#### 802.11ax-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-33.03	1.25	-18.75	Pass
High Channel	-40.18	0.64	-19.36	Pass

MIMO-Main Antenna

## 802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-32.39	1.36	-18.64	Pass
High Channel	-43.99	0.89	-19.11	Pass

## VHT-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-32.93	1.55	-18.45	Pass
High Channel	-43.78	0.70	-19.30	Pass

## 802.11ax-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-34.98	0.34	-19.66	Pass
High Channel	-47.62	-0.58	-20.58	Pass

MIMO-Aux. Antenna

## 802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-34.69	1.49	-18.51	Pass
High Channel	-39.52	0.56	-19.44	Pass

## VHT-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-34.71	1.41	-18.59	Pass
High Channel	-41.47	-0.04	-20.04	Pass

## 802.11ax-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-35.34	0.58	-19.42	Pass
High Channel	-41.91	-1.43	-21.43	Pass

Test Plots  
SISO-Main Antenna

802.11b LOW CHANNEL, CARRIER LEVEL



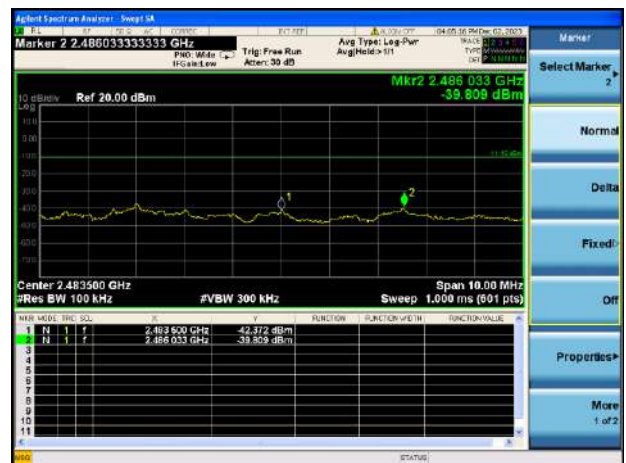
802.11b LOW CHANNEL, BAND EDGE



802.11b HIGH CHANNEL, CARRIER LEVEL



802.11b HIGH CHANNEL, BAND EDGE



802.11g LOW CHANNEL, CARRIER LEVEL



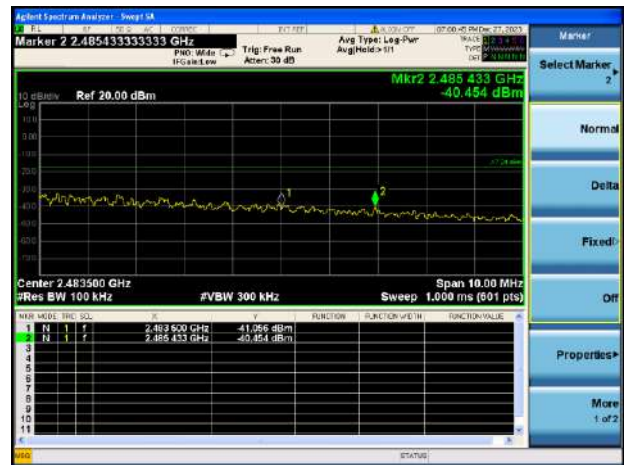
802.11g LOW CHANNEL, BAND EDGE



802.11g HIGH CHANNEL, CARRIER LEVEL



802.11g HIGH CHANNEL, BAND EDGE



802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



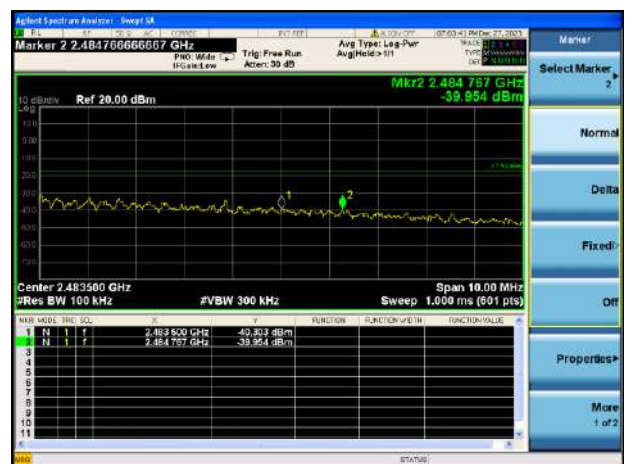
802.11n-20 MHz LOW CHANNEL, BAND EDGE



802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-20 MHz HIGH CHANNEL, BAND EDGE



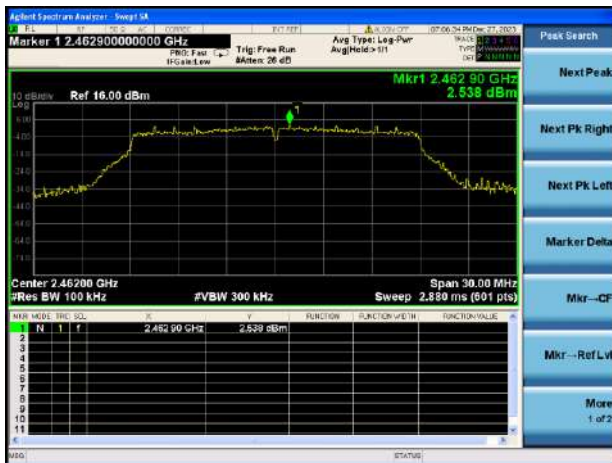
VHT-20 MHz LOW CHANNEL, CARRIER LEVEL



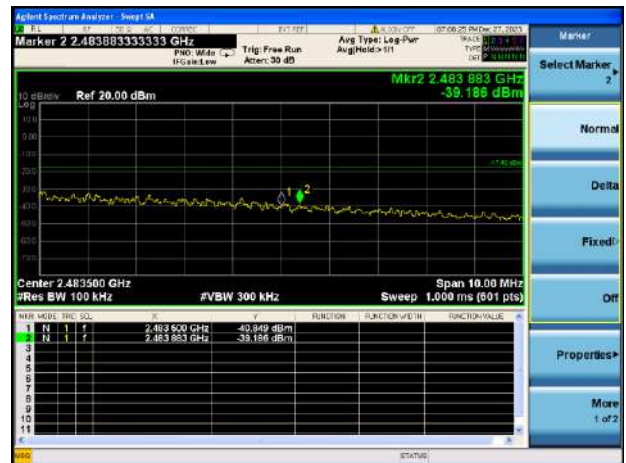
VHT-20 MHz LOW CHANNEL, BAND EDGE



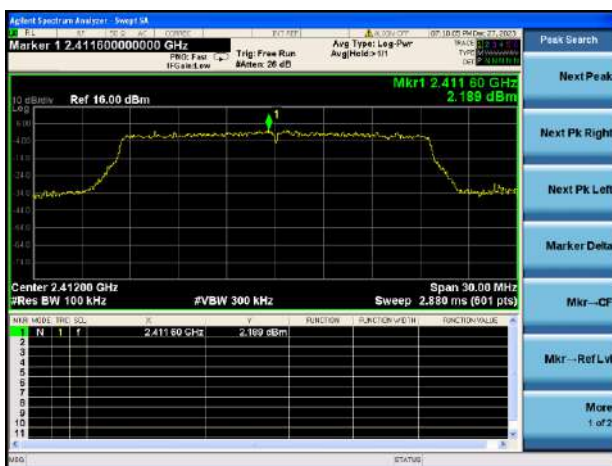
VHT-20 MHz HIGH CHANNEL, CARRIER LEVEL



VHT-20 MHz HIGH CHANNEL, BAND EDGE



802.11ax-20 MHz LOW CHANNEL, CARRIER LEVEL

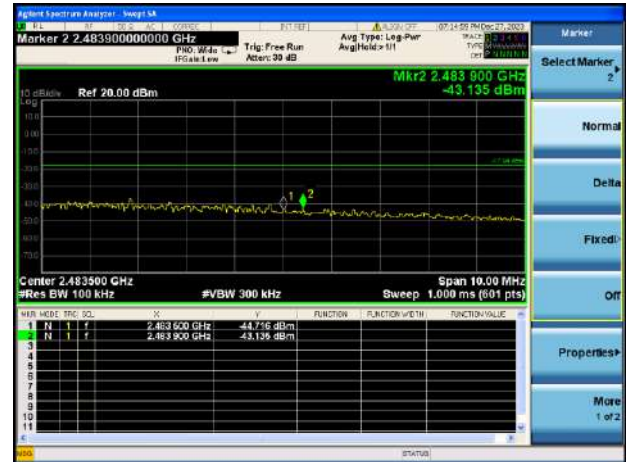
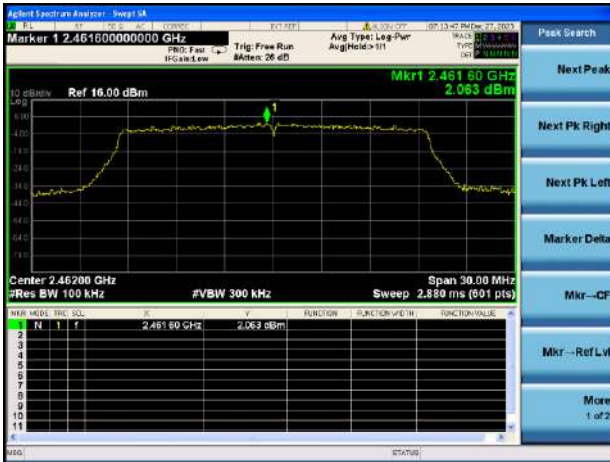


802.11ax-20 MHz LOW CHANNEL, BAND EDGE



802.11ax-20 MHz HIGH CHANNEL, CARRIER LEVEL

802.11ax-20 MHz HIGH CHANNEL, BAND EDGE



SISO-Aux. Antenna

802.11b LOW CHANNEL, CARRIER LEVEL



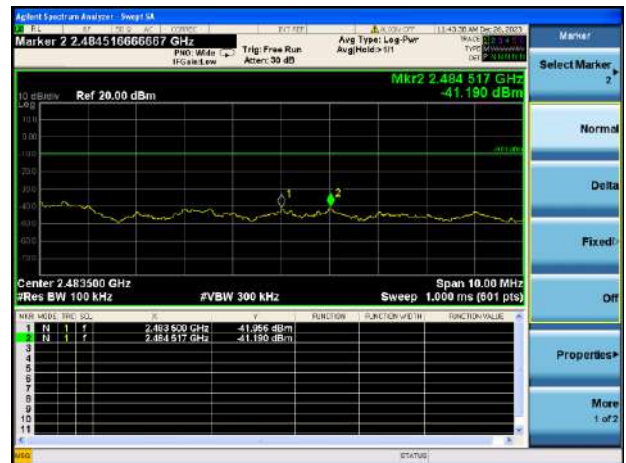
802.11b LOW CHANNEL, BAND EDGE



802.11b HIGH CHANNEL, CARRIER LEVEL



802.11b HIGH CHANNEL, BAND EDGE



802.11g LOW CHANNEL, CARRIER LEVEL



802.11g LOW CHANNEL, BAND EDGE

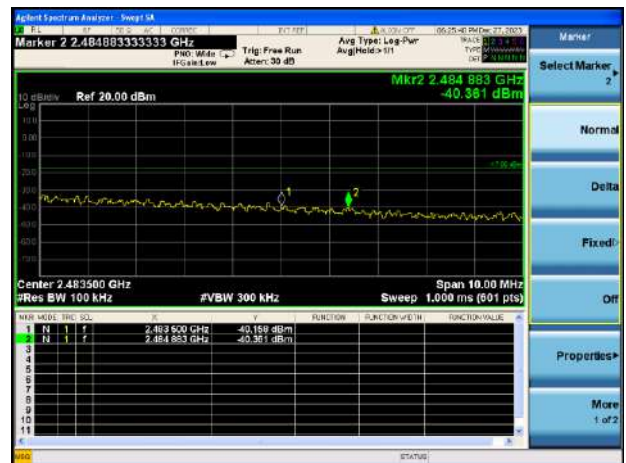




802.11g HIGH CHANNEL, CARRIER LEVEL



802.11g HIGH CHANNEL, BAND EDGE



802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



802.11n-20 MHz LOW CHANNEL, BAND EDGE



802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-20 MHz HIGH CHANNEL, BAND EDGE



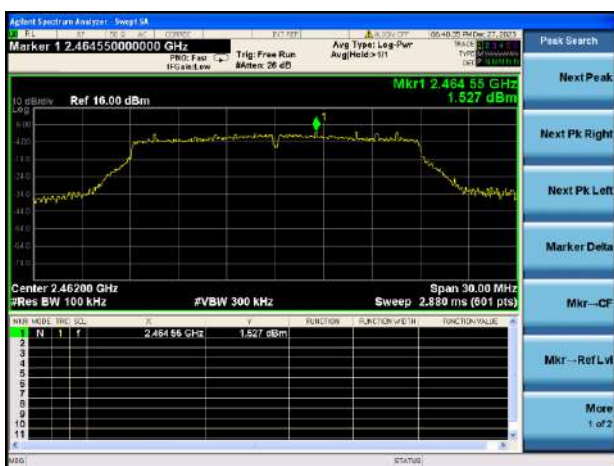
VHT-20 MHz LOW CHANNEL, CARRIER LEVEL



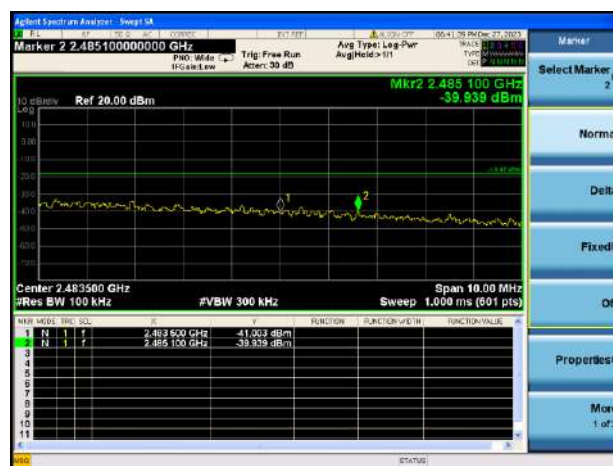
VHT-20 MHz LOW CHANNEL, BAND EDGE



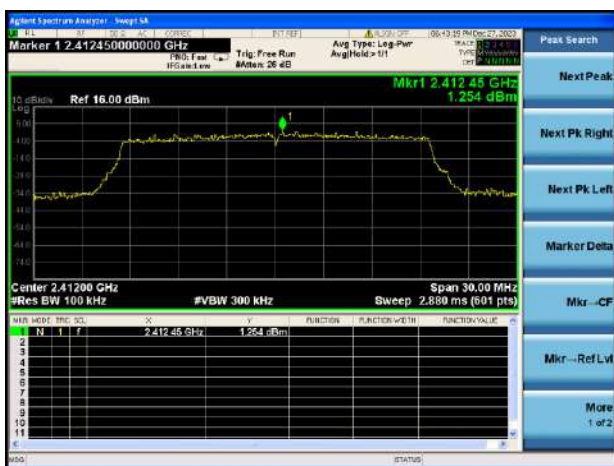
VHT-20 MHz HIGH CHANNEL, CARRIER LEVEL



VHT-20 MHz HIGH CHANNEL, BAND EDGE



802.11ax-20 MHz LOW CHANNEL, CARRIER LEVEL

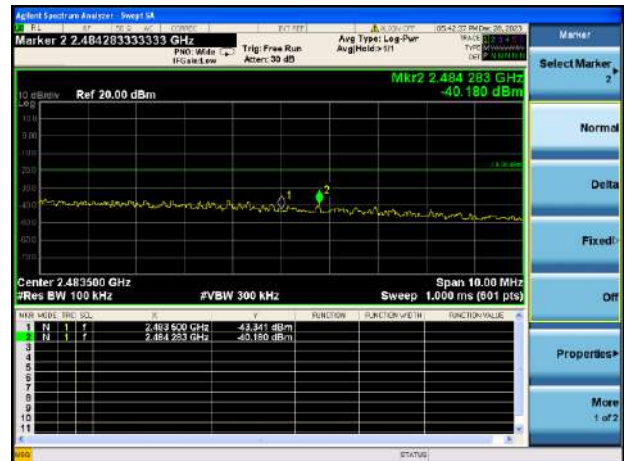


802.11ax-20 MHz LOW CHANNEL, BAND EDGE



802.11ax-20 MHz HIGH CHANNEL, CARRIER LEVEL

802.11ax-20 MHz HIGH CHANNEL, BAND EDGE



MIMO-Main Antenna

802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



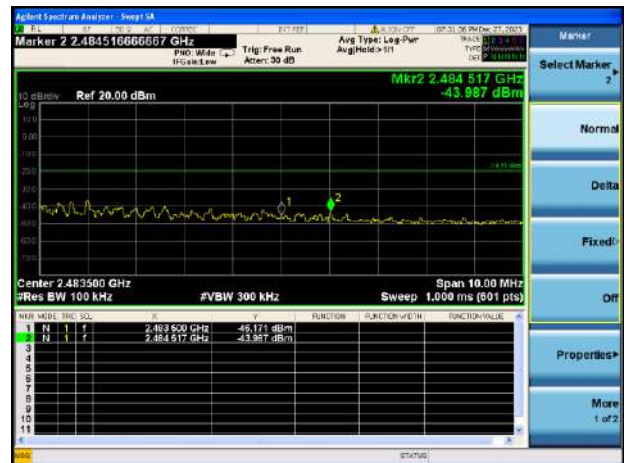
802.11n-20 MHz LOW CHANNEL, BAND EDGE



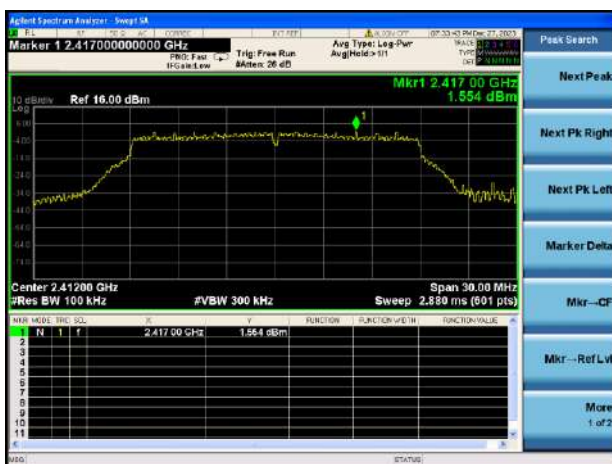
802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-20 MHz HIGH CHANNEL, BAND EDGE



VHT-20 MHz LOW CHANNEL, CARRIER LEVEL



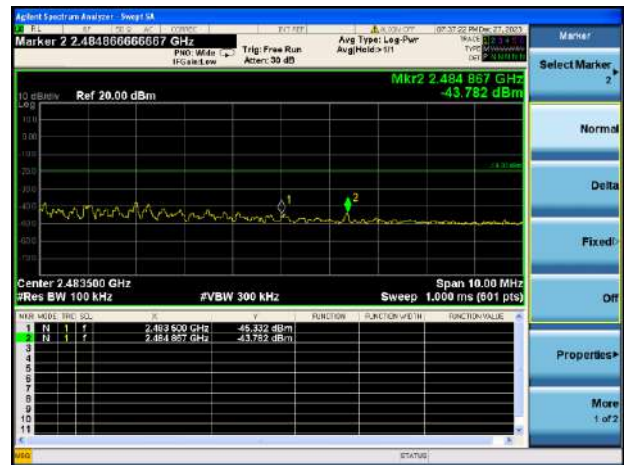
VHT-20 MHz LOW CHANNEL, BAND EDGE



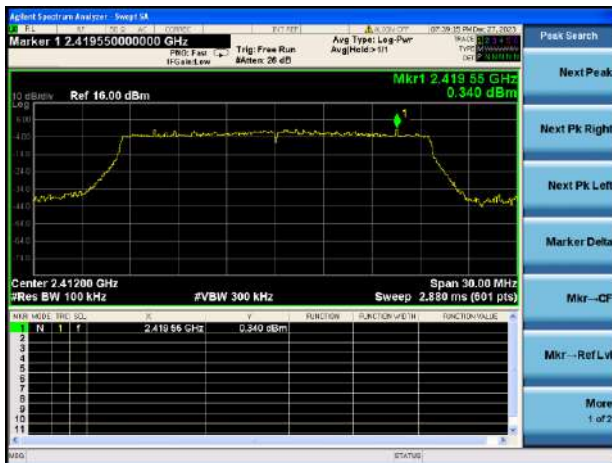
VHT-20 MHz HIGH CHANNEL, CARRIER LEVEL



VHT-20 MHz HIGH CHANNEL, BAND EDGE



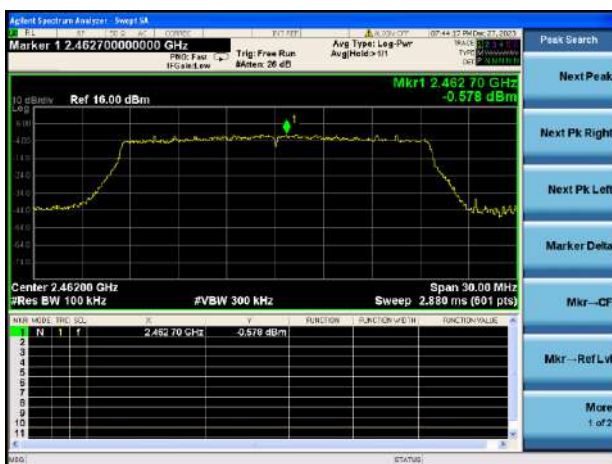
802.11ax-20 MHz LOW CHANNEL, CARRIER LEVEL



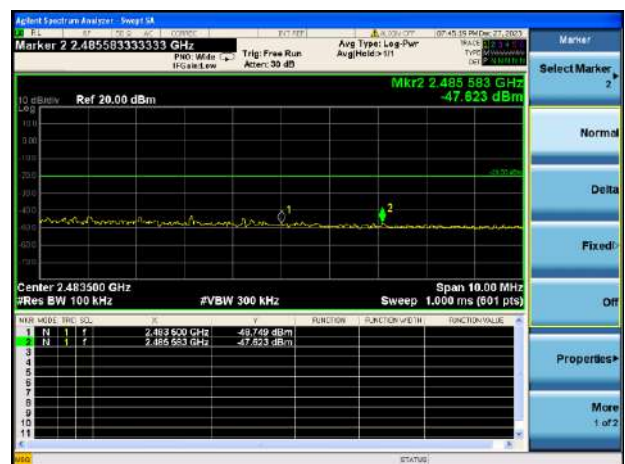
802.11ax-20 MHz LOW CHANNEL, BAND EDGE



802.11ax-20 MHz HIGH CHANNEL, CARRIER LEVEL

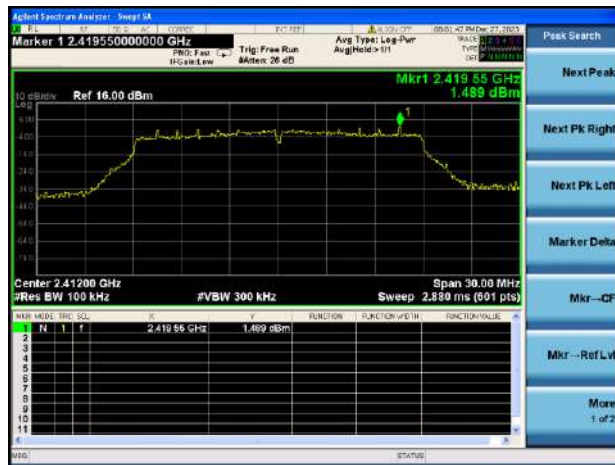


802.11ax-20 MHz HIGH CHANNEL, BAND EDGE



MIMO-Aux. Antenna

802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



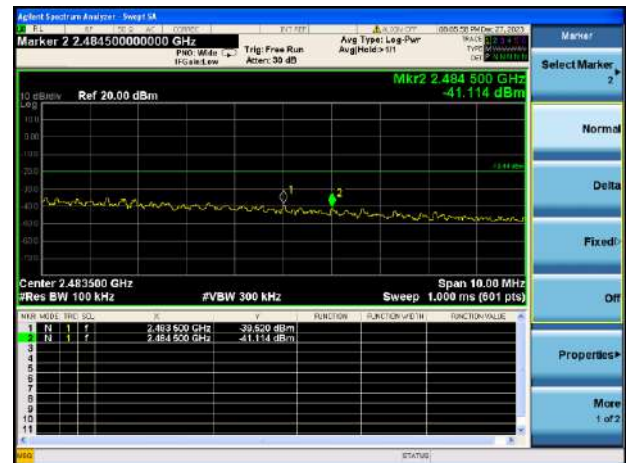
802.11n-20 MHz LOW CHANNEL, BAND EDGE



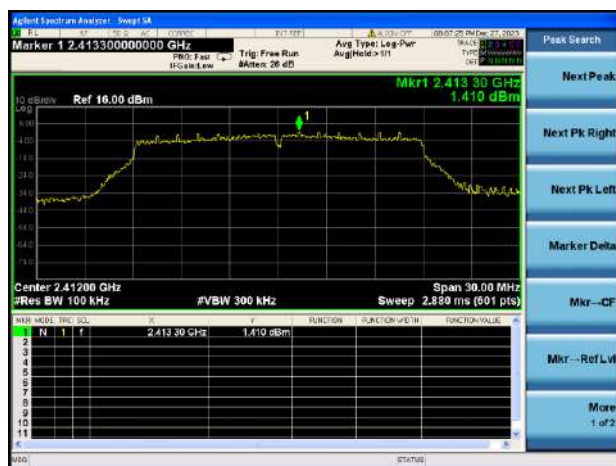
802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-20 MHz HIGH CHANNEL, BAND EDGE



VHT-20 MHz LOW CHANNEL, CARRIER LEVEL



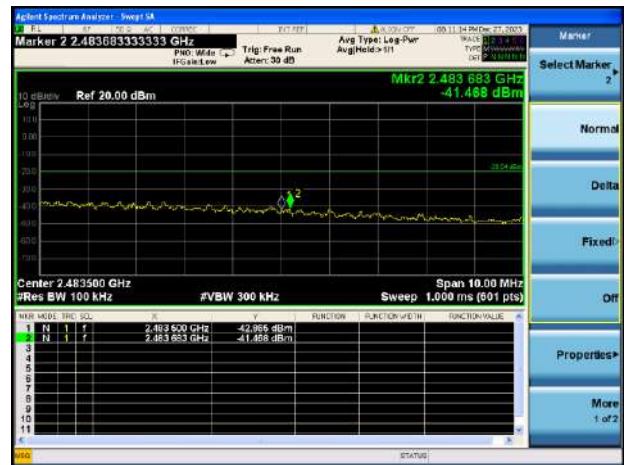
VHT-20 MHz LOW CHANNEL, BAND EDGE



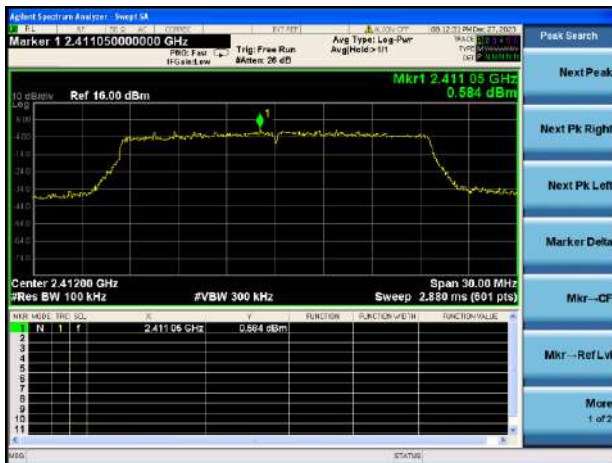
VHT-20 MHz HIGH CHANNEL, CARRIER LEVEL



VHT-20 MHz HIGH CHANNEL, BAND EDGE



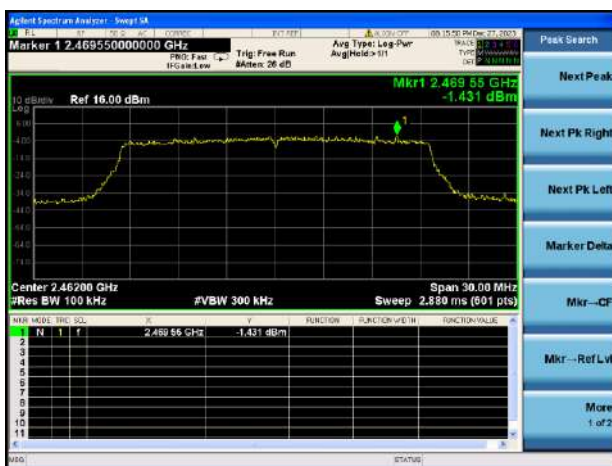
802.11ax-20 MHz LOW CHANNEL, CARRIER LEVEL



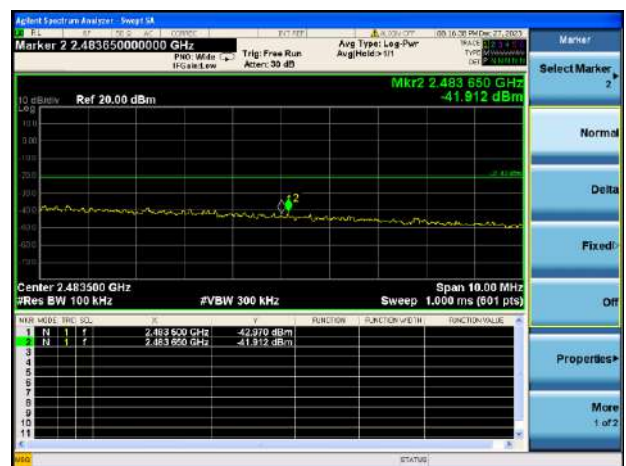
802.11ax-20 MHz LOW CHANNEL, BAND EDGE



802.11ax-20 MHz HIGH CHANNEL, CARRIER LEVEL



802.11ax-20 MHz HIGH CHANNEL, BAND EDGE



## A.5 Conducted Emissions

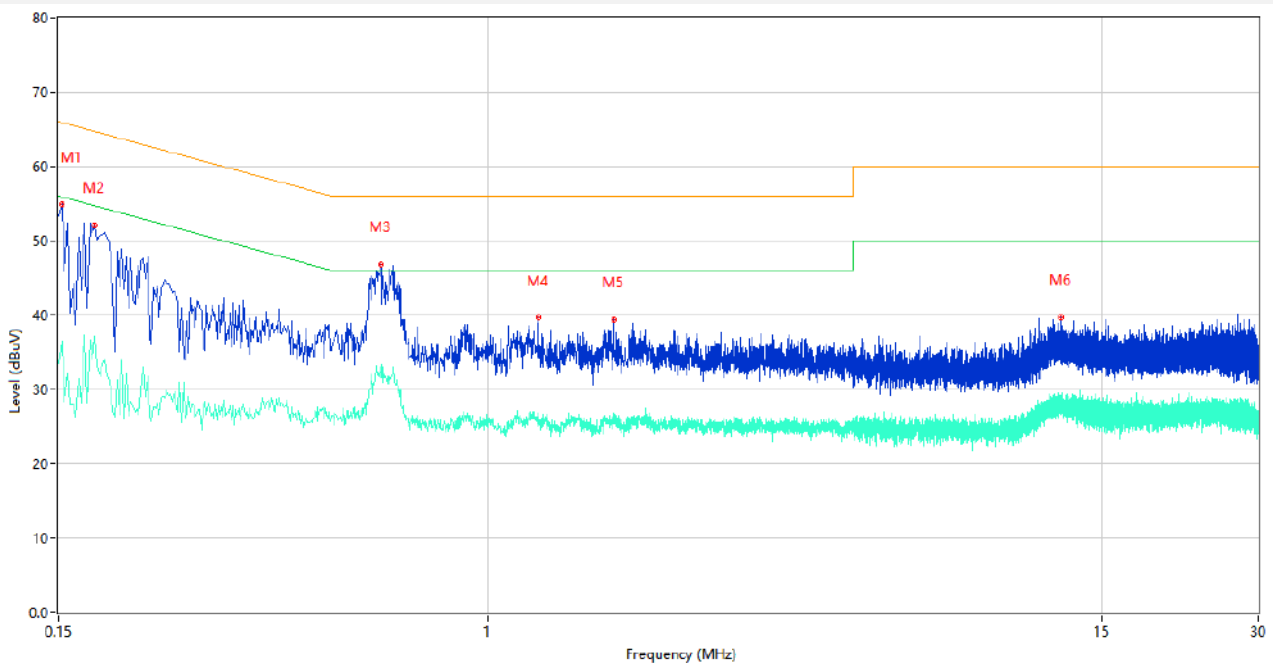
Note <sup>1</sup>: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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

Note <sup>3</sup>: The 802.11ax mode of the EUT only support full RU size configuration.

### Test Data and Plots

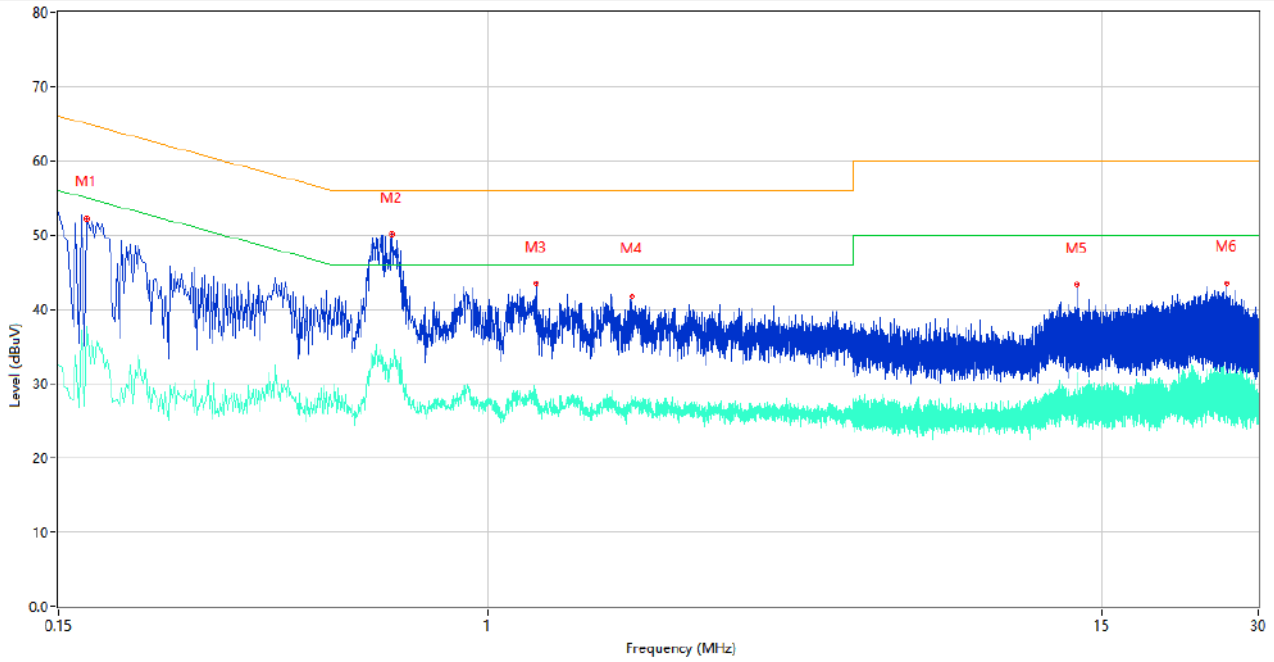
#### PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.152	54.89	9.78	65.89	11.00	Peak	L	Pass
1**	0.152	36.47	9.78	55.89	19.42	AV	L	Pass
2	0.176	52.07	9.78	64.67	12.60	Peak	L	Pass
2**	0.176	37.12	9.78	54.67	17.55	AV	L	Pass
3	0.622	46.88	10.18	56.00	9.12	Peak	L	Pass
3**	0.622	31.61	10.18	46.00	14.39	AV	L	Pass
4	1.246	39.61	10.42	56.00	16.39	Peak	L	Pass
4**	1.246	26.79	10.42	46.00	19.21	AV	L	Pass
5	1.740	39.41	10.15	56.00	16.59	Peak	L	Pass
5**	1.740	26.81	10.15	46.00	19.19	AV	L	Pass
6	12.566	39.73	10.68	60.00	20.27	Peak	L	Pass
6**	12.566	28.29	10.68	50.00	21.71	AV	L	Pass



PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.170	52.23	9.78	64.96	12.73	Peak	N	Pass
1**	0.170	37.67	9.78	54.96	17.29	AV	N	Pass
2	0.654	50.16	10.25	56.00	5.84	Peak	N	Pass
2**	0.654	32.69	10.25	46.00	13.31	AV	N	Pass
3	1.236	43.44	10.31	56.00	12.56	Peak	N	Pass
3**	1.236	28.38	10.31	46.00	17.62	AV	N	Pass
4	1.886	41.73	10.60	56.00	14.27	Peak	N	Pass
4**	1.886	27.22	10.60	46.00	18.78	AV	N	Pass
5	13.472	43.27	10.56	60.00	16.73	Peak	N	Pass
5**	13.472	31.51	10.56	50.00	18.49	AV	N	Pass
6	26.098	43.57	10.80	60.00	16.43	Peak	N	Pass
6**	26.098	30.55	10.80	50.00	19.45	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.

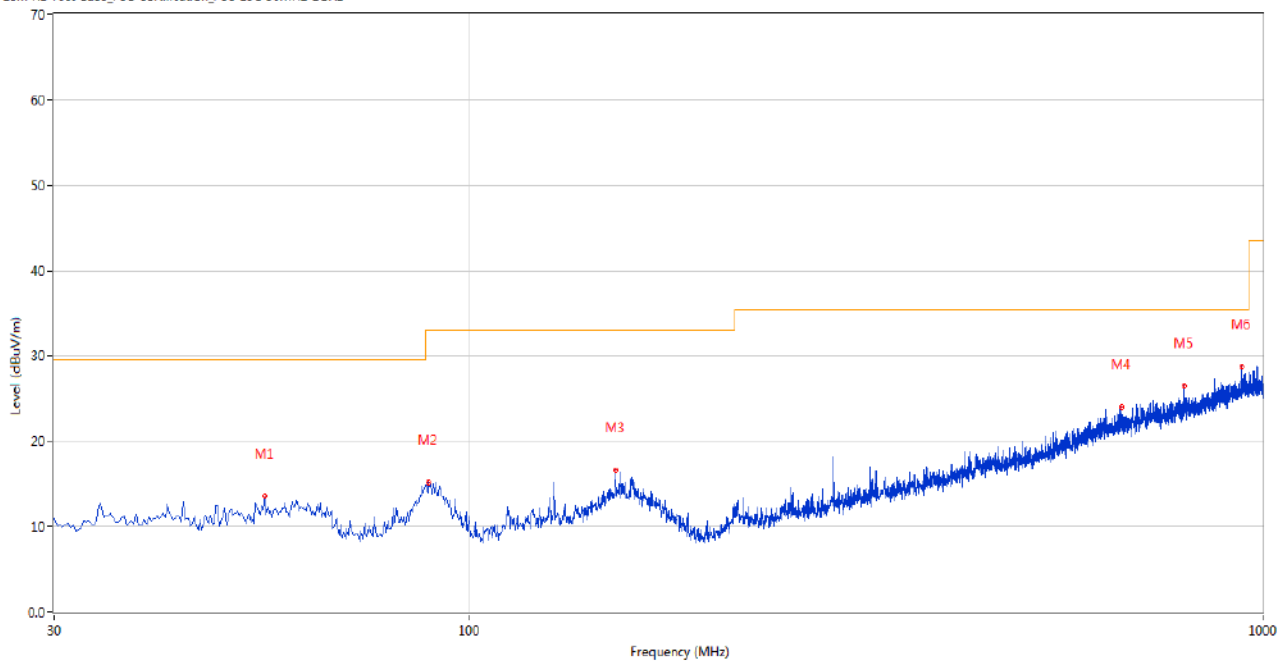
Note <sup>4</sup>: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and normal link mode is worst.

Note <sup>5</sup>: The 802.11ax mode of the EUT only support full RU size configuration.

### Test Data and Plots

#### 30 MHz to 1 GHz, ANT H

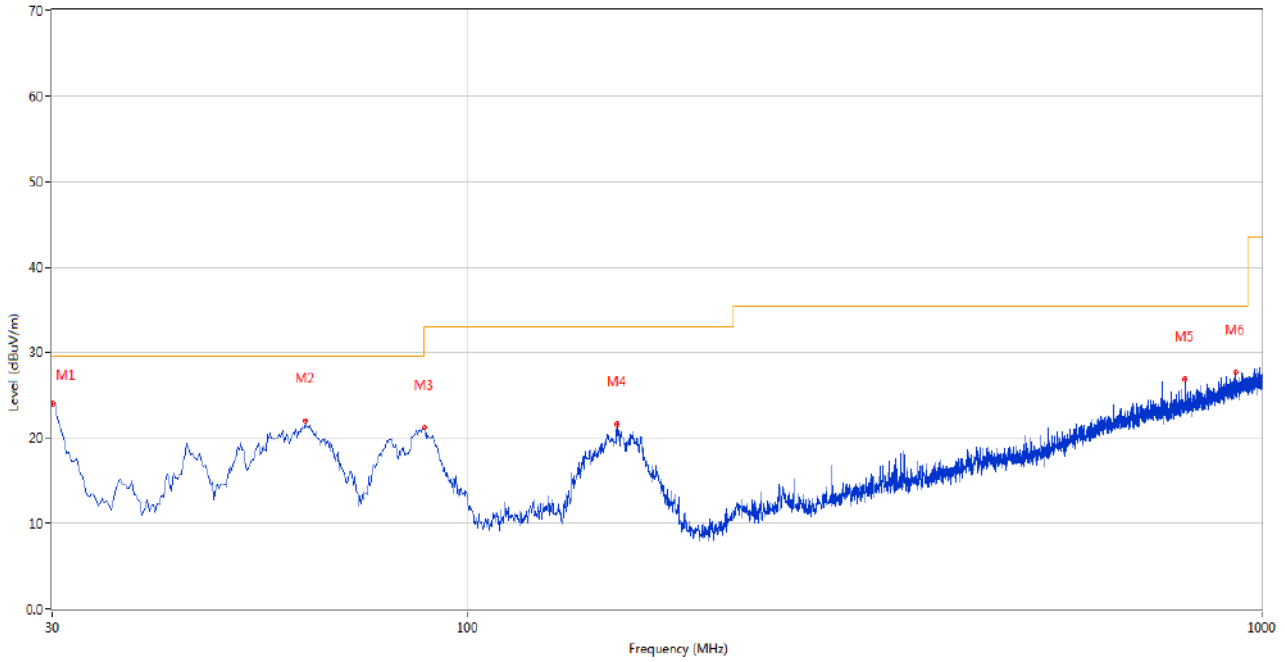
10m RE Test Case\_FCC Certification\_FCC 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	55.214	13.64	-27.38	29.5	15.86	Peak	338.00	200	Horizontal	Pass
2	88.913	15.17	-30.75	33.0	17.83	Peak	13.00	200	Horizontal	Pass
3	152.917	16.64	-25.65	33.0	16.36	Peak	47.00	200	Horizontal	Pass
4	664.464	23.95	-16.38	35.5	11.55	Peak	358.00	200	Horizontal	Pass
5	796.351	26.51	-13.74	35.5	8.99	Peak	341.00	200	Horizontal	Pass
6	940.360	28.76	-11.23	35.5	6.74	Peak	348.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

10m RE Test Case\_FCC Certification\_FCC 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	30.000	24.03	-27.69	29.5	5.47	Peak	285.00	100	Vertical	Pass
2	62.487	22.06	-28.20	29.5	7.44	Peak	267.00	100	Vertical	Pass
3	88.185	21.27	-30.82	33.0	11.73	Peak	344.00	200	Vertical	Pass
4	154.129	21.62	-25.68	33.0	11.38	Peak	220.00	100	Vertical	Pass
5	800.715	26.86	-13.85	35.5	8.64	Peak	109.00	100	Vertical	Pass
6	926.056	27.65	-11.69	35.5	7.85	Peak	313.00	200	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.

### SISO-Main Antenna

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.400	42.11	-17.49	74.0	31.89	Peak	30.00	300	Horizontal	Pass
1**	1331.400	30.43	-17.49	54.0	23.57	AV	30.00	300	Horizontal	Pass
2	2410.700	89.05	-12.60	74.0	-15.05	Peak	187.00	200	Horizontal	N/A
2**	2410.700	86.28	-12.60	54.0	-32.28	AV	187.00	200	Horizontal	N/A
3	4914.000	51.34	-2.71	74.0	22.66	Peak	221.00	200	Horizontal	Pass
3**	4914.000	41.75	-2.71	54.0	12.25	AV	221.00	200	Horizontal	Pass
4	6610.200	56.29	1.52	74.0	17.71	Peak	360.00	400	Horizontal	Pass
4**	6610.200	46.05	1.52	54.0	7.95	AV	360.00	400	Horizontal	Pass
5	12731.025	54.45	1.30	74.0	19.55	Peak	8.00	400	Horizontal	Pass
5**	12731.025	44.15	1.30	54.0	9.85	AV	8.00	400	Horizontal	Pass
6	15818.888	56.90	1.92	74.0	17.10	Peak	16.00	200	Horizontal	Pass
6**	15818.888	46.79	1.92	54.0	7.21	AV	16.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1164.600	46.60	-17.99	74.0	27.40	Peak	58.00	200	Vertical	Pass
1**	1164.600	31.51	-17.99	54.0	22.49	AV	58.00	200	Vertical	Pass
2	2410.500	91.86	-12.62	74.0	-17.86	Peak	103.00	150	Vertical	N/A
2**	2410.500	89.05	-12.62	54.0	-35.05	AV	103.00	150	Vertical	N/A
3	4899.800	51.35	-2.62	74.0	22.65	Peak	238.00	150	Vertical	Pass
3**	4899.800	41.98	-2.62	54.0	12.02	AV	238.00	150	Vertical	Pass
4	6630.200	55.58	0.86	74.0	18.42	Peak	32.00	400	Vertical	Pass
4**	6630.200	45.38	0.86	54.0	8.62	AV	32.00	400	Vertical	Pass
5	12997.012	53.96	1.29	74.0	20.04	Peak	0.00	400	Vertical	Pass
5**	12997.012	44.77	1.29	54.0	9.23	AV	0.00	400	Vertical	Pass
6	17417.251	56.19	3.69	74.0	17.81	Peak	238.00	300	Vertical	Pass
6**	17417.251	46.84	3.69	54.0	7.16	AV	238.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.100	41.62	-17.52	74.0	32.38	Peak	170.00	200	Horizontal	Pass
1**	1330.100	29.63	-17.52	54.0	24.37	AV	170.00	200	Horizontal	Pass
2	2438.300	88.58	-12.44	74.0	-14.58	Peak	96.00	200	Horizontal	N/A
2**	2438.300	85.64	-12.44	54.0	-31.64	AV	96.00	200	Horizontal	N/A
3	4906.800	52.15	-2.27	74.0	21.85	Peak	317.00	150	Horizontal	Pass
3**	4906.800	42.30	-2.27	54.0	11.70	AV	317.00	150	Horizontal	Pass
4	6615.400	55.46	0.89	74.0	18.54	Peak	239.00	400	Horizontal	Pass
4**	6615.400	45.55	0.89	54.0	8.45	AV	239.00	400	Horizontal	Pass
5	12981.000	53.83	0.98	74.0	20.17	Peak	319.00	400	Horizontal	Pass
5**	12981.000	43.56	0.98	54.0	10.44	AV	319.00	400	Horizontal	Pass
6	13309.650	55.97	0.86	74.0	18.03	Peak	77.00	400	Horizontal	Pass
6**	13309.650	46.92	0.86	54.0	7.08	AV	77.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.400	47.20	-17.52	74.0	26.80	Peak	95.00	300	Vertical	Pass
1**	1332.400	31.68	-17.52	54.0	22.32	AV	95.00	300	Vertical	Pass
2	2438.200	91.62	-12.45	74.0	-17.62	Peak	103.00	100	Vertical	N/A
2**	2438.200	88.71	-12.45	54.0	-34.71	AV	103.00	100	Vertical	N/A
3	4928.000	51.64	-2.50	74.0	22.36	Peak	227.00	200	Vertical	Pass
3**	4928.000	43.17	-2.50	54.0	10.83	AV	227.00	200	Vertical	Pass
4	6612.000	55.17	1.41	74.0	18.83	Peak	251.00	100	Vertical	Pass
4**	6612.000	46.31	1.41	54.0	7.69	AV	251.00	100	Vertical	Pass
5	12885.713	53.50	1.56	74.0	20.50	Peak	137.00	100	Vertical	Pass
5**	12885.713	44.68	1.56	54.0	9.32	AV	137.00	100	Vertical	Pass
6	17422.762	56.98	3.68	74.0	17.02	Peak	157.00	400	Vertical	Pass
6**	17422.762	47.66	3.68	54.0	6.34	AV	157.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.700	40.97	-17.52	74.0	33.03	Peak	156.00	300	Horizontal	Pass
1**	1332.700	29.67	-17.52	54.0	24.33	AV	156.00	300	Horizontal	Pass
2	2463.200	84.65	-12.50	74.0	-10.65	Peak	187.00	100	Horizontal	N/A
2**	2463.200	81.88	-12.50	54.0	-27.88	AV	187.00	100	Horizontal	N/A
3	4898.600	51.64	-2.63	74.0	22.36	Peak	355.00	150	Horizontal	Pass
3**	4898.600	43.33	-2.63	54.0	10.67	AV	355.00	150	Horizontal	Pass
4	6624.600	55.39	0.52	74.0	18.61	Peak	76.00	200	Horizontal	Pass
4**	6624.600	45.09	0.52	54.0	8.91	AV	76.00	200	Horizontal	Pass
5	12888.600	53.91	1.58	74.0	20.09	Peak	0.00	300	Horizontal	Pass
5**	12888.600	44.22	1.58	54.0	9.78	AV	0.00	300	Horizontal	Pass
6	17405.438	56.68	3.33	74.0	17.32	Peak	239.00	300	Horizontal	Pass
6**	17405.438	47.11	3.33	54.0	6.89	AV	239.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1165.300	45.35	-18.02	74.0	28.65	Peak	80.00	400	Vertical	Pass
1**	1165.300	34.77	-18.02	54.0	19.23	AV	80.00	400	Vertical	Pass
2	2463.200	87.87	-12.50	74.0	-13.87	Peak	105.00	150	Vertical	N/A
2**	2463.200	85.13	-12.50	54.0	-31.13	AV	105.00	150	Vertical	N/A
3	4783.800	51.54	-2.69	74.0	22.46	Peak	31.00	200	Vertical	Pass
3**	4783.800	42.11	-2.69	54.0	11.89	AV	31.00	200	Vertical	Pass
4	6607.800	55.31	1.53	74.0	18.69	Peak	19.00	100	Vertical	Pass
4**	6607.800	47.00	1.53	54.0	7.00	AV	19.00	100	Vertical	Pass
5	12837.937	54.02	1.30	74.0	19.98	Peak	72.00	300	Vertical	Pass
5**	12837.937	44.93	1.30	54.0	9.07	AV	72.00	300	Vertical	Pass
6	17400.187	56.69	3.18	74.0	17.31	Peak	34.00	400	Vertical	Pass
6**	17400.187	47.19	3.18	54.0	6.81	AV	34.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.200	42.17	-17.57	74.0	31.83	Peak	122.00	100	Horizontal	Pass
1**	1327.200	28.74	-17.57	54.0	25.26	AV	122.00	100	Horizontal	Pass
2	2410.200	90.08	-12.63	74.0	-16.08	Peak	98.00	200	Horizontal	N/A
2**	2410.200	82.97	-12.63	54.0	-28.97	AV	98.00	200	Horizontal	N/A
3	4797.400	51.32	-2.56	74.0	22.68	Peak	49.00	200	Horizontal	Pass
3**	4797.400	42.43	-2.56	54.0	11.57	AV	49.00	200	Horizontal	Pass
4	6622.000	54.39	0.45	74.0	19.61	Peak	231.00	400	Horizontal	Pass
4**	6622.000	44.35	0.45	54.0	9.65	AV	231.00	400	Horizontal	Pass
5	12864.451	53.40	1.43	74.0	20.60	Peak	298.00	400	Horizontal	Pass
5**	12864.451	44.08	1.43	54.0	9.92	AV	298.00	400	Horizontal	Pass
6	13332.225	56.09	0.97	74.0	17.91	Peak	34.00	400	Horizontal	Pass
6**	13332.225	45.89	0.97	54.0	8.11	AV	34.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.300	45.45	-17.58	74.0	28.55	Peak	112.00	100	Vertical	Pass
1**	1327.300	30.13	-17.58	54.0	23.87	AV	112.00	100	Vertical	Pass
2	2407.700	93.24	-12.47	74.0	-19.24	Peak	101.00	100	Vertical	N/A
2**	2407.700	86.80	-12.47	54.0	-32.80	AV	101.00	100	Vertical	N/A
3	4896.000	50.95	-2.96	74.0	23.05	Peak	113.00	150	Vertical	Pass
3**	4896.000	41.49	-2.96	54.0	12.51	AV	113.00	150	Vertical	Pass
4	6610.000	56.10	1.53	74.0	17.90	Peak	344.00	100	Vertical	Pass
4**	6610.000	46.22	1.53	54.0	7.78	AV	344.00	100	Vertical	Pass
5	12854.475	53.78	1.41	74.0	20.22	Peak	14.00	400	Vertical	Pass
5**	12854.475	43.85	1.41	54.0	10.15	AV	14.00	400	Vertical	Pass
6	13373.963	55.91	0.68	74.0	18.09	Peak	198.00	300	Vertical	Pass
6**	13373.963	46.43	0.68	54.0	7.57	AV	198.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.800	41.90	-17.55	74.0	32.10	Peak	119.00	100	Horizontal	Pass
1**	1329.800	33.69	-17.55	54.0	20.31	AV	119.00	100	Horizontal	Pass
2	2442.100	88.26	-12.47	74.0	-14.26	Peak	96.00	150	Horizontal	N/A
2**	2442.100	80.89	-12.47	54.0	-26.89	AV	96.00	150	Horizontal	N/A
3	4906.000	51.35	-2.28	74.0	22.65	Peak	16.00	100	Horizontal	Pass
3**	4906.000	42.07	-2.28	54.0	11.93	AV	16.00	100	Horizontal	Pass
4	6665.400	54.92	-0.28	74.0	19.08	Peak	171.00	200	Horizontal	Pass
4**	6665.400	45.00	-0.28	54.0	9.00	AV	171.00	200	Horizontal	Pass
5	12984.150	53.39	1.04	74.0	20.61	Peak	360.00	200	Horizontal	Pass
5**	12984.150	44.05	1.04	54.0	9.95	AV	360.00	200	Horizontal	Pass
6	17484.450	56.91	2.54	74.0	17.09	Peak	196.00	400	Horizontal	Pass
6**	17484.450	46.60	2.54	54.0	7.40	AV	196.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1161.000	46.25	-17.99	74.0	27.75	Peak	41.00	100	Vertical	Pass
1**	1161.000	34.29	-17.99	54.0	19.71	AV	41.00	100	Vertical	Pass
2	2441.100	91.68	-12.44	74.0	-17.68	Peak	100.00	150	Vertical	N/A
2**	2441.100	83.36	-12.44	54.0	-29.36	AV	100.00	150	Vertical	N/A
3	4985.000	51.26	-2.86	74.0	22.74	Peak	242.00	100	Vertical	Pass
3**	4985.000	41.61	-2.86	54.0	12.39	AV	242.00	100	Vertical	Pass
4	6592.600	55.02	-0.86	74.0	18.98	Peak	86.00	200	Vertical	Pass
4**	6592.600	45.54	-0.86	54.0	8.46	AV	86.00	200	Vertical	Pass
5	12816.151	53.21	0.86	74.0	20.79	Peak	317.00	300	Vertical	Pass
5**	12816.151	44.39	0.86	54.0	9.61	AV	317.00	300	Vertical	Pass
6	15835.425	56.28	1.45	74.0	17.72	Peak	34.00	100	Vertical	Pass
6**	15835.425	47.33	1.45	54.0	6.67	AV	34.00	100	Vertical	Pass



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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1374.100	39.55	-17.36	74.0	34.45	Peak	252.00	100	Horizontal	Pass
1**	1374.100	29.03	-17.36	54.0	24.97	AV	252.00	100	Horizontal	Pass
2	2469.100	85.84	-12.40	74.0	-11.84	Peak	145.00	200	Horizontal	N/A
2**	2469.100	78.22	-12.40	54.0	-24.22	AV	145.00	200	Horizontal	N/A
3	4811.800	51.05	-3.23	74.0	22.95	Peak	285.00	150	Horizontal	Pass
3**	4811.800	41.22	-3.23	54.0	12.78	AV	285.00	150	Horizontal	Pass
4	6406.400	54.80	0.30	74.0	19.20	Peak	141.00	400	Horizontal	Pass
4**	6406.400	46.03	0.30	54.0	7.97	AV	141.00	400	Horizontal	Pass
5	12823.500	54.39	1.00	74.0	19.61	Peak	179.00	100	Horizontal	Pass
5**	12823.500	44.38	1.00	54.0	9.62	AV	179.00	100	Horizontal	Pass
6	17442.974	55.98	2.93	74.0	18.02	Peak	69.00	100	Horizontal	Pass
6**	17442.974	47.18	2.93	54.0	6.82	AV	69.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.500	43.67	-17.50	74.0	30.33	Peak	80.00	300	Vertical	Pass
1**	1333.500	30.06	-17.50	54.0	23.94	AV	80.00	300	Vertical	Pass
2	2469.300	88.99	-12.39	74.0	-14.99	Peak	104.00	150	Vertical	N/A
2**	2469.300	82.23	-12.39	54.0	-28.23	AV	104.00	150	Vertical	N/A
3	5012.200	51.41	-3.10	74.0	22.59	Peak	37.00	150	Vertical	Pass
3**	5012.200	41.36	-3.10	54.0	12.64	AV	37.00	150	Vertical	Pass
4	6607.800	55.05	1.53	74.0	18.95	Peak	293.00	200	Vertical	Pass
4**	6607.800	45.91	1.53	54.0	8.09	AV	293.00	200	Vertical	Pass
5	12817.724	53.23	0.88	74.0	20.77	Peak	32.00	300	Vertical	Pass
5**	12817.724	44.34	0.88	54.0	9.66	AV	32.00	300	Vertical	Pass
6	17463.187	55.96	2.87	74.0	18.04	Peak	345.00	100	Vertical	Pass
6**	17463.187	47.06	2.87	54.0	6.94	AV	345.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.800	42.85	-17.48	74.0	31.15	Peak	113.00	100	Horizontal	Pass
1**	1330.800	30.72	-17.48	54.0	23.28	AV	113.00	100	Horizontal	Pass
2	2408.000	89.88	-12.50	74.0	-15.88	Peak	189.00	200	Horizontal	N/A
2**	2408.000	82.93	-12.50	54.0	-28.93	AV	189.00	200	Horizontal	N/A
3	4749.600	51.41	-3.38	74.0	22.59	Peak	50.00	100	Horizontal	Pass
3**	4749.600	41.53	-3.38	54.0	12.47	AV	50.00	100	Horizontal	Pass
4	6269.400	55.46	0.39	74.0	18.54	Peak	104.00	100	Horizontal	Pass
4**	6269.400	46.16	0.39	54.0	7.84	AV	104.00	100	Horizontal	Pass
5	12801.450	53.63	1.05	74.0	20.37	Peak	0.00	100	Horizontal	Pass
5**	12801.450	44.93	1.05	54.0	9.07	AV	0.00	100	Horizontal	Pass
6	17417.775	57.06	3.70	74.0	16.94	Peak	360.00	400	Horizontal	Pass
6**	17417.775	47.73	3.70	54.0	6.27	AV	360.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.700	46.33	-17.52	74.0	27.67	Peak	94.00	400	Vertical	Pass
1**	1332.700	33.70	-17.52	54.0	20.30	AV	94.00	400	Vertical	Pass
2	2407.800	92.81	-12.48	74.0	-18.81	Peak	105.00	200	Vertical	N/A
2**	2407.800	85.75	-12.48	54.0	-31.75	AV	105.00	200	Vertical	N/A
3	4790.200	51.28	-2.37	74.0	22.72	Peak	292.00	100	Vertical	Pass
3**	4790.200	42.41	-2.37	54.0	11.59	AV	292.00	100	Vertical	Pass
4	6607.000	55.03	1.48	74.0	18.97	Peak	73.00	400	Vertical	Pass
4**	6607.000	46.87	1.48	54.0	7.13	AV	73.00	400	Vertical	Pass
5	12897.263	53.60	1.53	74.0	20.40	Peak	272.00	300	Vertical	Pass
5**	12897.263	44.34	1.53	54.0	9.66	AV	272.00	300	Vertical	Pass
6	17410.425	56.89	3.46	74.0	17.11	Peak	114.00	100	Vertical	Pass
6**	17410.425	47.96	3.46	54.0	6.04	AV	114.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.500	41.58	-17.58	74.0	32.42	Peak	117.00	400	Horizontal	Pass
1**	1329.500	33.05	-17.58	54.0	20.95	AV	117.00	400	Horizontal	Pass
2	2443.000	88.32	-12.52	74.0	-14.32	Peak	98.00	100	Horizontal	N/A
2**	2443.000	81.26	-12.52	54.0	-27.26	AV	98.00	100	Horizontal	N/A
3	4962.000	51.80	-2.83	74.0	22.20	Peak	207.00	150	Horizontal	Pass
3**	4962.000	42.60	-2.83	54.0	11.40	AV	207.00	150	Horizontal	Pass
4	6675.400	55.07	0.25	74.0	18.93	Peak	217.00	300	Horizontal	Pass
4**	6675.400	45.52	0.25	54.0	8.48	AV	217.00	300	Horizontal	Pass
5	12806.700	53.48	0.90	74.0	20.52	Peak	0.00	300	Horizontal	Pass
5**	12806.700	44.81	0.90	54.0	9.19	AV	0.00	300	Horizontal	Pass
6	17443.500	56.22	2.91	74.0	17.78	Peak	215.00	200	Horizontal	Pass
6**	17443.500	48.28	2.91	54.0	5.72	AV	215.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1165.400	45.71	-18.02	74.0	28.29	Peak	50.00	400	Vertical	Pass
1**	1165.400	32.96	-18.02	54.0	21.04	AV	50.00	400	Vertical	Pass
2	2441.100	90.60	-12.44	74.0	-16.60	Peak	104.00	200	Vertical	N/A
2**	2441.100	82.86	-12.44	54.0	-28.86	AV	104.00	200	Vertical	N/A
3	4939.400	51.73	-2.82	74.0	22.27	Peak	106.00	100	Vertical	Pass
3**	4939.400	42.49	-2.82	54.0	11.51	AV	106.00	100	Vertical	Pass
4	6608.800	55.24	1.60	74.0	18.76	Peak	301.00	100	Vertical	Pass
4**	6608.800	46.77	1.60	54.0	7.23	AV	301.00	100	Vertical	Pass
5	12801.450	54.56	1.05	74.0	19.44	Peak	336.00	200	Vertical	Pass
5**	12801.450	44.60	1.05	54.0	9.40	AV	336.00	200	Vertical	Pass
6	17417.251	56.20	3.69	74.0	17.80	Peak	16.00	100	Vertical	Pass
6**	17417.251	47.22	3.69	54.0	6.78	AV	16.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.000	41.93	-17.53	74.0	32.07	Peak	33.00	300	Horizontal	Pass
1**	1330.000	33.40	-17.53	54.0	20.60	AV	33.00	300	Horizontal	Pass
2	2469.600	86.73	-12.38	74.0	-12.73	Peak	137.00	150	Horizontal	N/A
2**	2469.600	79.42	-12.38	54.0	-25.42	AV	137.00	150	Horizontal	N/A
3	4545.800	49.74	-4.31	74.0	24.26	Peak	143.00	150	Horizontal	Pass
3**	4545.800	40.29	-4.31	54.0	13.71	AV	143.00	150	Horizontal	Pass
4	6590.800	54.87	-0.95	74.0	19.13	Peak	234.00	100	Horizontal	Pass
4**	6590.800	45.06	-0.95	54.0	8.94	AV	234.00	100	Horizontal	Pass
5	12853.425	53.40	1.40	74.0	20.60	Peak	156.00	200	Horizontal	Pass
5**	12853.425	44.38	1.40	54.0	9.62	AV	156.00	200	Horizontal	Pass
6	17352.411	56.30	1.99	74.0	17.70	Peak	216.00	400	Horizontal	Pass
6**	17352.411	46.15	1.99	54.0	7.85	AV	216.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1164.500	45.84	-17.99	74.0	28.16	Peak	46.00	400	Vertical	Pass
1**	1164.500	31.71	-17.99	54.0	22.29	AV	46.00	400	Vertical	Pass
2	2470.300	88.06	-12.39	74.0	-14.06	Peak	106.00	150	Vertical	N/A
2**	2470.300	81.87	-12.39	54.0	-27.87	AV	106.00	150	Vertical	N/A
3	4789.400	51.21	-2.41	74.0	22.79	Peak	0.00	150	Vertical	Pass
3**	4789.400	42.69	-2.41	54.0	11.31	AV	0.00	150	Vertical	Pass
4	6611.800	55.14	1.42	74.0	18.86	Peak	29.00	300	Vertical	Pass
4**	6611.800	46.32	1.42	54.0	7.68	AV	29.00	300	Vertical	Pass
5	12994.912	53.78	1.22	74.0	20.22	Peak	0.00	100	Vertical	Pass
5**	12994.912	44.44	1.22	54.0	9.56	AV	0.00	100	Vertical	Pass
6	17429.850	56.34	3.46	74.0	17.66	Peak	360.00	100	Vertical	Pass
6**	17429.850	46.69	3.46	54.0	7.31	AV	360.00	100	Vertical	Pass

## 1 GHz to 18 GHz, ANT H VHT-20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.300	42.74	-17.60	74.0	31.26	Peak	113.00	100	Horizontal	Pass
1**	1329.300	34.00	-17.60	54.0	20.00	AV	113.00	100	Horizontal	Pass
2	2406.700	89.63	-12.40	74.0	-15.63	Peak	200.00	100	Horizontal	N/A
2**	2406.700	82.00	-12.40	54.0	-28.00	AV	200.00	100	Horizontal	N/A
3	4899.400	52.34	-2.62	74.0	21.66	Peak	193.00	150	Horizontal	Pass
3**	4899.400	42.23	-2.62	54.0	11.77	AV	193.00	150	Horizontal	Pass
4	6266.200	55.41	-0.09	74.0	18.59	Peak	171.00	200	Horizontal	Pass
4**	6266.200	45.73	-0.09	54.0	8.27	AV	171.00	200	Horizontal	Pass
5	12845.813	53.82	1.35	74.0	20.18	Peak	136.00	100	Horizontal	Pass
5**	12845.813	44.77	1.35	54.0	9.23	AV	136.00	100	Horizontal	Pass
6	15824.925	56.37	1.64	74.0	17.63	Peak	297.00	100	Horizontal	Pass
6**	15824.925	46.12	1.64	54.0	7.88	AV	297.00	100	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V VHT-20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.000	45.69	-17.53	74.0	28.31	Peak	94.00	400	Vertical	Pass
1**	1330.000	39.38	-17.53	54.0	14.62	AV	94.00	400	Vertical	Pass
2	2409.100	92.80	-12.58	74.0	-18.80	Peak	106.00	200	Vertical	N/A
2**	2409.100	85.65	-12.58	54.0	-31.65	AV	106.00	200	Vertical	N/A
3	4995.400	51.14	-2.84	74.0	22.86	Peak	240.00	100	Vertical	Pass
3**	4995.400	41.78	-2.84	54.0	12.22	AV	240.00	100	Vertical	Pass
4	6607.000	55.45	1.48	74.0	18.55	Peak	130.00	200	Vertical	Pass
4**	6607.000	47.10	1.48	54.0	6.90	AV	130.00	200	Vertical	Pass
5	12841.088	54.05	1.33	74.0	19.95	Peak	97.00	100	Vertical	Pass
5**	12841.088	44.24	1.33	54.0	9.76	AV	97.00	100	Vertical	Pass
6	15800.513	55.89	2.33	74.0	18.11	Peak	235.00	100	Vertical	Pass
6**	15800.513	46.87	2.33	54.0	7.13	AV	235.00	100	Vertical	Pass

## 1 GHz to 18 GHz, ANT H VHT-20 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.700	41.54	-17.52	74.0	32.46	Peak	120.00	100	Horizontal	Pass
1**	1332.700	35.12	-17.52	54.0	18.88	AV	120.00	100	Horizontal	Pass
2	2441.800	88.08	-12.46	74.0	-14.08	Peak	96.00	200	Horizontal	N/A
2**	2441.800	80.64	-12.46	54.0	-26.64	AV	96.00	200	Horizontal	N/A
3	4747.600	51.49	-3.55	74.0	22.51	Peak	360.00	150	Horizontal	Pass
3**	4747.600	41.65	-3.55	54.0	12.35	AV	360.00	150	Horizontal	Pass
4	6681.800	55.04	0.14	74.0	18.96	Peak	8.00	200	Horizontal	Pass
4**	6681.800	46.39	0.14	54.0	7.61	AV	8.00	200	Horizontal	Pass
5	12292.875	54.34	1.61	74.0	19.66	Peak	346.00	200	Horizontal	Pass
5**	12292.875	44.15	1.61	54.0	9.85	AV	346.00	200	Horizontal	Pass
6	17410.425	56.40	3.46	74.0	17.60	Peak	360.00	400	Horizontal	Pass
6**	17410.425	47.11	3.46	54.0	6.89	AV	360.00	400	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V VHT-20 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1163.400	46.26	-17.95	74.0	27.74	Peak	80.00	100	Vertical	Pass
1**	1163.400	29.52	-17.95	54.0	24.48	AV	80.00	100	Vertical	Pass
2	2441.000	90.53	-12.44	74.0	-16.53	Peak	105.00	200	Vertical	N/A
2**	2441.000	83.46	-12.44	54.0	-29.46	AV	105.00	200	Vertical	N/A
3	4795.800	51.15	-2.53	74.0	22.85	Peak	313.00	100	Vertical	Pass
3**	4795.800	41.96	-2.53	54.0	12.04	AV	313.00	100	Vertical	Pass
4	6612.400	55.50	1.39	74.0	18.50	Peak	184.00	300	Vertical	Pass
4**	6612.400	46.54	1.39	54.0	7.46	AV	184.00	300	Vertical	Pass
5	12876.526	53.78	1.52	74.0	20.22	Peak	360.00	400	Vertical	Pass
5**	12876.526	43.99	1.52	54.0	10.01	AV	360.00	400	Vertical	Pass
6	17423.026	56.36	3.67	74.0	17.64	Peak	178.00	200	Vertical	Pass
6**	17423.026	47.09	3.67	54.0	6.91	AV	178.00	200	Vertical	Pass

## 1 GHz to 18 GHz, ANT H VHT-20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.700	40.14	-17.48	74.0	33.86	Peak	105.00	400	Horizontal	Pass
1**	1330.700	31.26	-17.48	54.0	22.74	AV	105.00	400	Horizontal	Pass
2	2469.200	86.48	-12.40	74.0	-12.48	Peak	142.00	150	Horizontal	N/A
2**	2469.200	79.80	-12.40	54.0	-25.80	AV	142.00	150	Horizontal	N/A
3	5145.400	52.26	-2.34	74.0	21.74	Peak	360.00	150	Horizontal	Pass
3**	5145.400	42.51	-2.34	54.0	11.49	AV	360.00	150	Horizontal	Pass
4	6677.600	55.17	0.28	74.0	18.83	Peak	228.00	300	Horizontal	Pass
4**	6677.600	45.89	0.28	54.0	8.11	AV	228.00	300	Horizontal	Pass
5	12903.037	53.71	1.45	74.0	20.29	Peak	332.00	200	Horizontal	Pass
5**	12903.037	44.51	1.45	54.0	9.49	AV	332.00	200	Horizontal	Pass
6	17424.599	56.52	3.63	74.0	17.48	Peak	55.00	200	Horizontal	Pass
6**	17424.599	47.11	3.63	54.0	6.89	AV	55.00	200	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V VHT-20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1162.300	46.17	-17.94	74.0	27.83	Peak	66.00	100	Vertical	Pass
1**	1162.300	33.33	-17.94	54.0	20.67	AV	66.00	100	Vertical	Pass
2	2470.000	88.93	-12.38	74.0	-14.93	Peak	103.00	150	Vertical	N/A
2**	2470.000	82.19	-12.38	54.0	-28.19	AV	103.00	150	Vertical	N/A
3	4790.600	51.29	-2.40	74.0	22.71	Peak	260.00	150	Vertical	Pass
3**	4790.600	42.17	-2.40	54.0	11.83	AV	260.00	150	Vertical	Pass
4	6269.000	55.64	0.35	74.0	18.36	Peak	327.00	400	Vertical	Pass
4**	6269.000	46.37	0.35	54.0	7.63	AV	327.00	400	Vertical	Pass
5	12892.800	54.01	1.58	74.0	19.99	Peak	43.00	200	Vertical	Pass
5**	12892.800	45.32	1.58	54.0	8.68	AV	43.00	200	Vertical	Pass
6	17418.301	56.81	3.72	74.0	17.19	Peak	360.00	200	Vertical	Pass
6**	17418.301	46.79	3.72	54.0	7.21	AV	360.00	200	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11ax20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.600	43.85	-17.50	74.0	30.15	Peak	115.00	200	Horizontal	Pass
1**	1333.600	29.77	-17.50	54.0	24.23	AV	115.00	200	Horizontal	Pass
2	2406.300	91.24	-12.38	74.0	-17.24	Peak	102.00	150	Horizontal	N/A
2**	2406.300	82.95	-12.38	54.0	-28.95	AV	102.00	150	Horizontal	N/A
3	4902.000	51.41	-2.50	74.0	22.59	Peak	341.00	100	Horizontal	Pass
3**	4902.000	42.44	-2.50	54.0	11.56	AV	341.00	100	Horizontal	Pass
4	6609.400	55.41	1.57	74.0	18.59	Peak	328.00	200	Horizontal	Pass
4**	6609.400	46.36	1.57	54.0	7.64	AV	328.00	200	Horizontal	Pass
5	12879.412	54.59	1.56	74.0	19.41	Peak	130.00	400	Horizontal	Pass
5**	12879.412	44.41	1.56	54.0	9.59	AV	130.00	400	Horizontal	Pass
6	17411.213	56.23	3.49	74.0	17.77	Peak	19.00	100	Horizontal	Pass
6**	17411.213	46.70	3.49	54.0	7.30	AV	19.00	100	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V802.11ax20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1161.800	47.53	-17.96	74.0	26.47	Peak	39.00	200	Vertical	Pass
1**	1161.800	31.98	-17.96	54.0	22.02	AV	39.00	200	Vertical	Pass
2	2410.700	95.13	-12.60	74.0	-21.13	Peak	106.00	200	Vertical	N/A
2**	2410.700	86.22	-12.60	54.0	-32.22	AV	106.00	200	Vertical	N/A
3	4995.200	51.49	-2.85	74.0	22.51	Peak	72.00	200	Vertical	Pass
3**	4995.200	42.82	-2.85	54.0	11.18	AV	72.00	200	Vertical	Pass
4	6605.000	55.17	1.18	74.0	18.83	Peak	360.00	100	Vertical	Pass
4**	6605.000	47.04	1.18	54.0	6.96	AV	360.00	100	Vertical	Pass
5	12854.475	53.93	1.41	74.0	20.07	Peak	311.00	400	Vertical	Pass
5**	12854.475	44.77	1.41	54.0	9.23	AV	311.00	400	Vertical	Pass
6	17468.436	56.36	2.90	74.0	17.64	Peak	311.00	200	Vertical	Pass
6**	17468.436	47.36	2.90	54.0	6.64	AV	311.00	200	Vertical	Pass



## 1 GHz to 18 GHz, ANT H 802.11ax20 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.500	42.07	-17.58	74.0	31.93	Peak	116.00	200	Horizontal	Pass
1**	1329.500	29.46	-17.58	54.0	24.54	AV	116.00	200	Horizontal	Pass
2	2439.000	89.92	-12.42	74.0	-15.92	Peak	96.00	150	Horizontal	N/A
2**	2439.000	79.80	-12.42	54.0	-25.80	AV	96.00	150	Horizontal	N/A
3	4925.600	51.02	-2.37	74.0	22.98	Peak	168.00	150	Horizontal	Pass
3**	4925.600	41.72	-2.37	54.0	12.28	AV	168.00	150	Horizontal	Pass
4	6610.000	56.06	1.53	74.0	17.94	Peak	85.00	400	Horizontal	Pass
4**	6610.000	46.45	1.53	54.0	7.55	AV	85.00	400	Horizontal	Pass
5	12829.013	53.53	1.11	74.0	20.47	Peak	260.00	300	Horizontal	Pass
5**	12829.013	45.03	1.11	54.0	8.97	AV	260.00	300	Horizontal	Pass
6	16422.637	56.40	1.18	74.0	17.60	Peak	151.00	100	Horizontal	Pass
6**	16422.637	45.96	1.18	54.0	8.04	AV	151.00	100	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11ax20 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.200	47.07	-18.05	74.0	26.93	Peak	62.00	200	Vertical	Pass
1**	1166.200	36.29	-18.05	54.0	17.71	AV	62.00	200	Vertical	Pass
2	2442.400	93.53	-12.49	74.0	-19.53	Peak	102.00	100	Vertical	N/A
2**	2442.400	84.64	-12.49	54.0	-30.64	AV	102.00	100	Vertical	N/A
3	4912.000	51.03	-2.66	74.0	22.97	Peak	288.00	200	Vertical	Pass
3**	4912.000	41.58	-2.66	54.0	12.42	AV	288.00	200	Vertical	Pass
4	6610.600	54.98	1.49	74.0	19.02	Peak	203.00	300	Vertical	Pass
4**	6610.600	46.39	1.49	54.0	7.61	AV	203.00	300	Vertical	Pass
5	12793.312	53.73	1.16	74.0	20.27	Peak	243.00	200	Vertical	Pass
5**	12793.312	44.49	1.16	54.0	9.51	AV	243.00	200	Vertical	Pass
6	15675.825	56.29	1.54	74.0	17.71	Peak	332.00	200	Vertical	Pass
6**	15675.825	46.55	1.54	54.0	7.45	AV	332.00	200	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11ax20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.000	42.04	-17.66	74.0	31.96	Peak	306.00	300	Horizontal	Pass
1**	1328.000	31.38	-17.66	54.0	22.62	AV	306.00	300	Horizontal	Pass
2	2471.200	88.71	-12.39	74.0	-14.71	Peak	140.00	150	Horizontal	N/A
2**	2471.200	82.35	-12.39	54.0	-28.35	AV	140.00	150	Horizontal	N/A
3	4794.800	50.71	-2.39	74.0	23.29	Peak	142.00	150	Horizontal	Pass
3**	4794.800	41.79	-2.39	54.0	12.21	AV	142.00	150	Horizontal	Pass
4	6610.200	55.22	1.52	74.0	18.78	Peak	156.00	100	Horizontal	Pass
4**	6610.200	47.29	1.52	54.0	6.71	AV	156.00	100	Horizontal	Pass
5	12850.537	54.25	1.37	74.0	19.75	Peak	326.00	100	Horizontal	Pass
5**	12850.537	44.56	1.37	54.0	9.44	AV	326.00	100	Horizontal	Pass
6	17432.214	56.31	3.37	74.0	17.69	Peak	256.00	400	Horizontal	Pass
6**	17432.214	47.04	3.37	54.0	6.96	AV	256.00	400	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11ax20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1161.700	47.81	-17.96	74.0	26.19	Peak	77.00	200	Vertical	Pass
1**	1161.700	39.33	-17.96	54.0	14.67	AV	77.00	200	Vertical	Pass
2	2470.600	89.99	-12.39	74.0	-15.99	Peak	102.00	150	Vertical	N/A
2**	2470.600	82.83	-12.39	54.0	-28.83	AV	102.00	150	Vertical	N/A
3	4869.200	51.71	-3.20	74.0	22.29	Peak	168.00	150	Vertical	Pass
3**	4869.200	42.66	-3.20	54.0	11.34	AV	168.00	150	Vertical	Pass
4	6629.400	54.97	0.77	74.0	19.03	Peak	313.00	400	Vertical	Pass
4**	6629.400	46.48	0.77	54.0	7.52	AV	313.00	400	Vertical	Pass
5	12861.038	53.66	1.45	74.0	20.34	Peak	19.00	400	Vertical	Pass
5**	12861.038	43.87	1.45	54.0	10.13	AV	19.00	400	Vertical	Pass
6	17469.225	56.52	2.91	74.0	17.48	Peak	63.00	200	Vertical	Pass
6**	17469.225	47.30	2.91	54.0	6.70	AV	63.00	200	Vertical	Pass

## SISO-Aux. Antenna

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.500	42.92	-17.58	74.0	31.08	Peak	167.00	100	Horizontal	Pass
1**	1329.500	33.77	-17.58	54.0	20.23	AV	167.00	100	Horizontal	Pass
2	2412.000	104.28	-12.52	74.0	-30.28	Peak	108.00	150	Horizontal	N/A
2**	2412.000	100.65	-12.52	54.0	-46.65	AV	108.00	150	Horizontal	N/A
3	4924.800	51.59	-2.36	74.0	22.41	Peak	311.00	150	Horizontal	Pass
3**	4924.800	40.95	-2.36	54.0	13.05	AV	311.00	150	Horizontal	Pass
4	6606.200	54.64	1.38	74.0	19.36	Peak	229.00	300	Horizontal	Pass
4**	6606.200	46.09	1.38	54.0	7.91	AV	229.00	300	Horizontal	Pass
5	12823.500	53.53	1.00	74.0	20.47	Peak	345.00	300	Horizontal	Pass
5**	12823.500	44.30	1.00	54.0	9.70	AV	345.00	300	Horizontal	Pass
6	17446.388	56.17	2.85	74.0	17.83	Peak	87.00	100	Horizontal	Pass
6**	17446.388	46.83	2.85	54.0	7.17	AV	87.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.300	44.51	-17.49	74.0	29.49	Peak	119.00	200	Vertical	Pass
1**	1331.300	36.18	-17.49	54.0	17.82	AV	119.00	200	Vertical	Pass
2	2412.000	104.25	-12.52	74.0	-30.25	Peak	43.00	150	Vertical	N/A
2**	2412.000	100.47	-12.52	54.0	-46.47	AV	43.00	150	Vertical	N/A
3	4892.000	51.10	-3.02	74.0	22.90	Peak	252.00	150	Vertical	Pass
3**	4892.000	41.88	-3.02	54.0	12.12	AV	252.00	150	Vertical	Pass
4	6607.200	54.82	1.50	74.0	19.18	Peak	333.00	200	Vertical	Pass
4**	6607.200	46.36	1.50	54.0	7.64	AV	333.00	200	Vertical	Pass
5	12295.750	53.40	1.56	74.0	20.60	Peak	107.00	200	Vertical	Pass
5**	12295.750	43.44	1.56	54.0	10.56	AV	107.00	200	Vertical	Pass
6	15513.075	56.33	1.41	74.0	17.67	Peak	0.00	100	Vertical	Pass
6**	15513.075	47.02	1.41	54.0	6.98	AV	0.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1528.000	38.47	-17.43	74.0	35.53	Peak	215.00	100	Horizontal	Pass
1**	1528.000	29.70	-17.43	54.0	24.30	AV	215.00	100	Horizontal	Pass
2	2438.200	104.59	-12.45	74.0	-30.59	Peak	119.00	200	Horizontal	N/A
2**	2438.200	101.61	-12.45	54.0	-47.61	AV	119.00	200	Horizontal	N/A
3	4990.200	50.74	-2.72	74.0	23.26	Peak	311.00	100	Horizontal	Pass
3**	4990.200	41.80	-2.72	54.0	12.20	AV	311.00	100	Horizontal	Pass
4	6987.600	54.58	1.23	74.0	19.42	Peak	207.00	400	Horizontal	Pass
4**	6987.600	45.46	1.23	54.0	8.54	AV	207.00	400	Horizontal	Pass
5	12821.925	54.12	0.96	74.0	19.88	Peak	30.00	400	Horizontal	Pass
5**	12821.925	44.02	0.96	54.0	9.98	AV	30.00	400	Horizontal	Pass
6	17470.011	56.29	2.91	74.0	17.71	Peak	104.00	300	Horizontal	Pass
6**	17470.011	46.98	2.91	54.0	7.02	AV	104.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1069.700	46.73	-18.53	74.0	27.27	Peak	216.00	400	Vertical	Pass
1**	1069.700	34.58	-18.53	54.0	19.42	AV	216.00	400	Vertical	Pass
2	2438.300	104.44	-12.44	74.0	-30.44	Peak	77.00	150	Vertical	N/A
2**	2438.300	101.50	-12.44	54.0	-47.50	AV	77.00	150	Vertical	N/A
3	4886.200	51.43	-3.48	74.0	22.57	Peak	354.00	100	Vertical	Pass
3**	4886.200	41.24	-3.48	54.0	12.76	AV	354.00	100	Vertical	Pass
4	6606.200	55.76	1.38	74.0	18.24	Peak	332.00	100	Vertical	Pass
4**	6606.200	46.17	1.38	54.0	7.83	AV	332.00	100	Vertical	Pass
5	12893.325	53.61	1.57	74.0	20.39	Peak	44.00	400	Vertical	Pass
5**	12893.325	44.13	1.57	54.0	9.87	AV	44.00	400	Vertical	Pass
6	17470.538	56.52	2.90	74.0	17.48	Peak	212.00	400	Vertical	Pass
6**	17470.538	47.16	2.90	54.0	6.84	AV	212.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.500	39.55	-17.47	74.0	34.45	Peak	322.00	100	Horizontal	Pass
1**	1330.500	29.98	-17.47	54.0	24.02	AV	322.00	100	Horizontal	Pass
2	2463.300	104.86	-12.50	74.0	-30.86	Peak	123.00	150	Horizontal	N/A
2**	2463.300	101.84	-12.50	54.0	-47.84	AV	123.00	150	Horizontal	N/A
3	4860.000	50.76	-3.42	74.0	23.24	Peak	0.00	150	Horizontal	Pass
3**	4860.000	41.05	-3.42	54.0	12.95	AV	0.00	150	Horizontal	Pass
4	6606.400	54.87	1.42	74.0	19.13	Peak	258.00	100	Horizontal	Pass
4**	6606.400	46.06	1.42	54.0	7.94	AV	258.00	100	Horizontal	Pass
5	12733.038	53.77	1.30	74.0	20.23	Peak	192.00	100	Horizontal	Pass
5**	12733.038	43.89	1.30	54.0	10.11	AV	192.00	100	Horizontal	Pass
6	17475.262	56.55	2.81	74.0	17.45	Peak	182.00	200	Horizontal	Pass
6**	17475.262	47.03	2.81	54.0	6.97	AV	182.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.900	44.80	-17.48	74.0	29.20	Peak	106.00	100	Vertical	Pass
1**	1330.900	35.62	-17.48	54.0	18.38	AV	106.00	100	Vertical	Pass
2	2463.200	104.70	-12.50	74.0	-30.70	Peak	44.00	150	Vertical	N/A
2**	2463.200	101.72	-12.50	54.0	-47.72	AV	44.00	150	Vertical	N/A
3	4795.800	51.51	-2.53	74.0	22.49	Peak	23.00	150	Vertical	Pass
3**	4795.800	42.30	-2.53	54.0	11.70	AV	23.00	150	Vertical	Pass
4	6609.400	54.95	1.57	74.0	19.05	Peak	164.00	200	Vertical	Pass
4**	6609.400	45.98	1.57	54.0	8.02	AV	164.00	200	Vertical	Pass
5	12851.588	53.49	1.38	74.0	20.51	Peak	360.00	400	Vertical	Pass
5**	12851.588	43.98	1.38	54.0	10.02	AV	360.00	400	Vertical	Pass
6	17379.187	56.58	2.63	74.0	17.42	Peak	306.00	400	Vertical	Pass
6**	17379.187	46.44	2.63	54.0	7.56	AV	306.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.400	41.28	-17.52	74.0	32.72	Peak	42.00	200	Horizontal	Pass
1**	1332.400	29.20	-17.52	54.0	24.80	AV	42.00	200	Horizontal	Pass
2	2412.800	106.70	-12.52	74.0	-32.70	Peak	118.00	150	Horizontal	N/A
2**	2412.800	99.14	-12.52	54.0	-45.14	AV	118.00	150	Horizontal	N/A
3	4927.200	51.14	-2.46	74.0	22.86	Peak	360.00	150	Horizontal	Pass
3**	4927.200	41.28	-2.46	54.0	12.72	AV	360.00	150	Horizontal	Pass
4	6602.800	54.85	0.81	74.0	19.15	Peak	360.00	400	Horizontal	Pass
4**	6602.800	46.09	0.81	54.0	7.91	AV	360.00	400	Horizontal	Pass
5	12394.362	53.43	1.60	74.0	20.57	Peak	81.00	200	Horizontal	Pass
5**	12394.362	43.46	1.60	54.0	10.54	AV	81.00	200	Horizontal	Pass
6	16125.750	56.45	0.84	74.0	17.55	Peak	360.00	300	Horizontal	Pass
6**	16125.750	47.27	0.84	54.0	6.73	AV	360.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1000.300	40.30	-18.20	74.0	33.70	Peak	253.00	400	Vertical	Pass
1**	1000.300	27.66	-18.20	54.0	26.34	AV	253.00	400	Vertical	Pass
2	2413.300	106.58	-12.52	74.0	-32.58	Peak	43.00	100	Vertical	N/A
2**	2413.300	99.29	-12.52	54.0	-45.29	AV	43.00	100	Vertical	N/A
3	4775.600	50.09	-2.85	74.0	23.91	Peak	351.00	150	Vertical	Pass
3**	4775.600	41.44	-2.85	54.0	12.56	AV	351.00	150	Vertical	Pass
4	6406.600	54.55	0.31	74.0	19.45	Peak	127.00	200	Vertical	Pass
4**	6406.600	45.06	0.31	54.0	8.94	AV	127.00	200	Vertical	Pass
5	12970.500	53.58	0.91	74.0	20.42	Peak	0.00	400	Vertical	Pass
5**	12970.500	43.67	0.91	54.0	10.33	AV	0.00	400	Vertical	Pass
6	17466.599	56.45	2.89	74.0	17.55	Peak	236.00	100	Vertical	Pass
6**	17466.599	47.45	2.89	54.0	6.55	AV	236.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.200	41.39	-17.51	74.0	32.61	Peak	36.00	200	Horizontal	Pass
1**	1330.200	29.08	-17.51	54.0	24.92	AV	36.00	200	Horizontal	Pass
2	2438.600	106.58	-12.43	74.0	-32.58	Peak	116.00	150	Horizontal	N/A
2**	2438.600	100.01	-12.43	54.0	-46.01	AV	116.00	150	Horizontal	N/A
3	4919.800	51.28	-2.47	74.0	22.72	Peak	179.00	150	Horizontal	Pass
3**	4919.800	41.74	-2.47	54.0	12.26	AV	179.00	150	Horizontal	Pass
4	6603.800	55.50	0.98	74.0	18.50	Peak	28.00	300	Horizontal	Pass
4**	6603.800	46.62	0.98	54.0	7.38	AV	28.00	300	Horizontal	Pass
5	12858.937	53.60	1.45	74.0	20.40	Peak	87.00	300	Horizontal	Pass
5**	12858.937	45.82	1.45	54.0	8.18	AV	87.00	300	Horizontal	Pass
6	17412.000	56.18	3.52	74.0	17.82	Peak	299.00	100	Horizontal	Pass
6**	17412.000	47.75	3.52	54.0	6.25	AV	299.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1165.300	44.03	-18.02	74.0	29.97	Peak	67.00	300	Vertical	Pass
1**	1165.300	33.10	-18.02	54.0	20.90	AV	67.00	300	Vertical	Pass
2	2437.800	106.65	-12.46	74.0	-32.65	Peak	80.00	150	Vertical	N/A
2**	2437.800	99.86	-12.46	54.0	-45.86	AV	80.00	150	Vertical	N/A
3	5017.800	52.14	-3.11	74.0	21.86	Peak	340.00	150	Vertical	Pass
3**	5017.800	41.68	-3.11	54.0	12.32	AV	340.00	150	Vertical	Pass
4	6608.000	54.69	1.55	74.0	19.31	Peak	161.00	400	Vertical	Pass
4**	6608.000	46.38	1.55	54.0	7.62	AV	161.00	400	Vertical	Pass
5	12826.387	54.05	1.06	74.0	19.95	Peak	344.00	200	Vertical	Pass
5**	12826.387	44.98	1.06	54.0	9.02	AV	344.00	200	Vertical	Pass
6	15809.175	55.98	2.18	74.0	18.02	Peak	186.00	100	Vertical	Pass
6**	15809.175	46.75	2.18	54.0	7.25	AV	186.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1567.300	39.94	-17.50	74.0	34.06	Peak	104.00	400	Horizontal	Pass
1**	1567.300	29.43	-17.50	54.0	24.57	AV	104.00	400	Horizontal	Pass
2	2463.100	106.48	-12.50	74.0	-32.48	Peak	112.00	150	Horizontal	N/A
2**	2463.100	99.63	-12.50	54.0	-45.63	AV	112.00	150	Horizontal	N/A
3	4868.000	51.58	-3.19	74.0	22.42	Peak	228.00	150	Horizontal	Pass
3**	4868.000	41.92	-3.19	54.0	12.08	AV	228.00	150	Horizontal	Pass
4	6609.200	54.49	1.58	74.0	19.51	Peak	318.00	300	Horizontal	Pass
4**	6609.200	46.91	1.58	54.0	7.09	AV	318.00	300	Horizontal	Pass
5	12848.963	54.09	1.36	74.0	19.91	Peak	170.00	100	Horizontal	Pass
5**	12848.963	43.75	1.36	54.0	10.25	AV	170.00	100	Horizontal	Pass
6	17398.874	56.43	3.14	74.0	17.57	Peak	150.00	300	Horizontal	Pass
6**	17398.874	46.81	3.14	54.0	7.19	AV	150.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.700	42.84	-18.07	74.0	31.16	Peak	51.00	200	Vertical	Pass
1**	1166.700	30.02	-18.07	54.0	23.98	AV	51.00	200	Vertical	Pass
2	2463.800	105.79	-12.48	74.0	-31.79	Peak	57.00	100	Vertical	N/A
2**	2463.800	98.66	-12.48	54.0	-44.66	AV	57.00	100	Vertical	N/A
3	4520.000	49.66	-3.36	74.0	24.34	Peak	21.00	150	Vertical	Pass
3**	4520.000	40.24	-3.36	54.0	13.76	AV	21.00	150	Vertical	Pass
4	6606.800	55.07	1.47	74.0	18.93	Peak	162.00	100	Vertical	Pass
4**	6606.800	46.46	1.47	54.0	7.54	AV	162.00	100	Vertical	Pass
5	12826.125	53.23	1.06	74.0	20.77	Peak	196.00	100	Vertical	Pass
5**	12826.125	44.81	1.06	54.0	9.19	AV	196.00	100	Vertical	Pass
6	17357.136	56.37	2.14	74.0	17.63	Peak	0.00	200	Vertical	Pass
6**	17357.136	46.85	2.14	54.0	7.15	AV	0.00	200	Vertical	Pass



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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.800	40.86	-17.48	74.0	33.14	Peak	183.00	300	Horizontal	Pass
1**	1330.800	34.31	-17.48	54.0	19.69	AV	183.00	300	Horizontal	Pass
2	2414.300	106.65	-12.51	74.0	-32.65	Peak	110.00	200	Horizontal	N/A
2**	2414.300	98.51	-12.51	54.0	-44.51	AV	110.00	200	Horizontal	N/A
3	4944.600	50.87	-2.92	74.0	23.13	Peak	337.00	150	Horizontal	Pass
3**	4944.600	41.32	-2.92	54.0	12.68	AV	337.00	150	Horizontal	Pass
4	6607.600	55.58	1.52	74.0	18.42	Peak	67.00	100	Horizontal	Pass
4**	6607.600	46.25	1.52	54.0	7.75	AV	67.00	100	Horizontal	Pass
5	12279.363	53.56	1.78	74.0	20.44	Peak	37.00	300	Horizontal	Pass
5**	12279.363	44.19	1.78	54.0	9.81	AV	37.00	300	Horizontal	Pass
6	17472.375	56.43	2.87	74.0	17.57	Peak	230.00	400	Horizontal	Pass
6**	17472.375	47.08	2.87	54.0	6.92	AV	230.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1163.800	46.75	-17.97	74.0	27.25	Peak	71.00	300	Vertical	Pass
1**	1163.800	36.21	-17.97	54.0	17.79	AV	71.00	300	Vertical	Pass
2	2413.400	106.22	-12.52	74.0	-32.22	Peak	58.00	150	Vertical	N/A
2**	2413.400	98.90	-12.52	54.0	-44.90	AV	58.00	150	Vertical	N/A
3	4925.200	51.72	-2.37	74.0	22.28	Peak	360.00	150	Vertical	Pass
3**	4925.200	41.87	-2.37	54.0	12.13	AV	360.00	150	Vertical	Pass
4	6607.600	55.46	1.52	74.0	18.54	Peak	70.00	100	Vertical	Pass
4**	6607.600	46.76	1.52	54.0	7.24	AV	70.00	100	Vertical	Pass
5	12764.963	53.45	1.01	74.0	20.55	Peak	69.00	400	Vertical	Pass
5**	12764.963	43.96	1.01	54.0	10.04	AV	69.00	400	Vertical	Pass
6	15511.763	56.28	1.43	74.0	17.72	Peak	343.00	100	Vertical	Pass
6**	15511.763	47.07	1.43	54.0	6.93	AV	343.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.000	41.79	-17.48	74.0	32.21	Peak	172.00	300	Horizontal	Pass
1**	1331.000	29.21	-17.48	54.0	24.79	AV	172.00	300	Horizontal	Pass
2	2438.000	107.05	-12.45	74.0	-33.05	Peak	114.00	100	Horizontal	N/A
2**	2438.000	99.48	-12.45	54.0	-45.48	AV	114.00	100	Horizontal	N/A
3	5051.000	51.24	-2.59	74.0	22.76	Peak	133.00	150	Horizontal	Pass
3**	5051.000	42.08	-2.59	54.0	11.92	AV	133.00	150	Horizontal	Pass
4	6610.000	54.97	1.53	74.0	19.03	Peak	0.00	300	Horizontal	Pass
4**	6610.000	46.01	1.53	54.0	7.99	AV	0.00	300	Horizontal	Pass
5	12409.312	54.64	1.45	74.0	19.36	Peak	285.00	400	Horizontal	Pass
5**	12409.312	44.08	1.45	54.0	9.92	AV	285.00	400	Horizontal	Pass
6	17410.949	56.27	3.48	74.0	17.73	Peak	219.00	100	Horizontal	Pass
6**	17410.949	48.30	3.48	54.0	5.70	AV	219.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1163.000	46.68	-17.94	74.0	27.32	Peak	78.00	300	Vertical	Pass
1**	1163.000	31.88	-17.94	54.0	22.12	AV	78.00	300	Vertical	Pass
2	2435.100	106.23	-12.55	74.0	-32.23	Peak	66.00	150	Vertical	N/A
2**	2435.100	98.70	-12.55	54.0	-44.70	AV	66.00	150	Vertical	N/A
3	4903.400	51.14	-2.40	74.0	22.86	Peak	22.00	150	Vertical	Pass
3**	4903.400	42.07	-2.40	54.0	11.93	AV	22.00	150	Vertical	Pass
4	6608.800	54.54	1.60	74.0	19.46	Peak	193.00	200	Vertical	Pass
4**	6608.800	46.76	1.60	54.0	7.24	AV	193.00	200	Vertical	Pass
5	11970.300	53.54	0.80	74.0	20.46	Peak	51.00	200	Vertical	Pass
5**	11970.300	42.89	0.80	54.0	11.11	AV	51.00	200	Vertical	Pass
6	16076.662	56.36	1.57	74.0	17.64	Peak	68.00	100	Vertical	Pass
6**	16076.662	46.65	1.57	54.0	7.35	AV	68.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.000	40.44	-17.63	74.0	33.56	Peak	32.00	400	Horizontal	Pass
1**	1329.000	33.18	-17.63	54.0	20.82	AV	32.00	400	Horizontal	Pass
2	2465.000	106.47	-12.44	74.0	-32.47	Peak	109.00	150	Horizontal	N/A
2**	2465.000	98.44	-12.44	54.0	-44.44	AV	109.00	150	Horizontal	N/A
3	5072.400	51.47	-2.79	74.0	22.53	Peak	1.00	150	Horizontal	Pass
3**	5072.400	41.49	-2.79	54.0	12.51	AV	1.00	150	Horizontal	Pass
4	6621.200	55.02	0.47	74.0	18.98	Peak	57.00	100	Horizontal	Pass
4**	6621.200	45.87	0.47	54.0	8.13	AV	57.00	100	Horizontal	Pass
5	12212.662	53.49	1.11	74.0	20.51	Peak	191.00	100	Horizontal	Pass
5**	12212.662	42.80	1.11	54.0	11.20	AV	191.00	100	Horizontal	Pass
6	15617.287	56.19	1.55	74.0	17.81	Peak	227.00	300	Horizontal	Pass
6**	15617.287	45.39	1.55	54.0	8.61	AV	227.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1161.500	44.35	-17.97	74.0	29.65	Peak	83.00	300	Vertical	Pass
1**	1161.500	31.74	-17.97	54.0	22.26	AV	83.00	300	Vertical	Pass
2	2464.700	105.32	-12.45	74.0	-31.32	Peak	70.00	150	Vertical	N/A
2**	2464.700	98.33	-12.45	54.0	-44.33	AV	70.00	150	Vertical	N/A
3	4922.000	51.39	-2.32	74.0	22.61	Peak	18.00	150	Vertical	Pass
3**	4922.000	41.93	-2.32	54.0	12.07	AV	18.00	150	Vertical	Pass
4	6959.200	55.37	0.84	74.0	18.63	Peak	142.00	400	Vertical	Pass
4**	6959.200	43.83	0.84	54.0	10.17	AV	142.00	400	Vertical	Pass
5	12243.138	53.22	1.03	74.0	20.78	Peak	293.00	200	Vertical	Pass
5**	12243.138	43.35	1.03	54.0	10.65	AV	293.00	200	Vertical	Pass
6	17467.912	56.30	2.90	74.0	17.70	Peak	209.00	200	Vertical	Pass
6**	17467.912	46.79	2.90	54.0	7.21	AV	209.00	200	Vertical	Pass

## 1 GHz to 18 GHz, ANT H VHT-20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.900	41.55	-17.64	74.0	32.45	Peak	128.00	200	Horizontal	Pass
1**	1328.900	30.03	-17.64	54.0	23.97	AV	128.00	200	Horizontal	Pass
2	2413.400	106.83	-12.52	74.0	-32.83	Peak	110.00	150	Horizontal	N/A
2**	2413.400	99.73	-12.52	54.0	-45.73	AV	110.00	150	Horizontal	N/A
3	5105.600	51.38	-2.04	74.0	22.62	Peak	154.00	150	Horizontal	Pass
3**	5105.600	41.53	-2.04	54.0	12.47	AV	154.00	150	Horizontal	Pass
4	6602.200	54.22	0.70	74.0	19.78	Peak	229.00	300	Horizontal	Pass
4**	6602.200	46.27	0.70	54.0	7.73	AV	229.00	300	Horizontal	Pass
5	12796.463	53.60	1.14	74.0	20.40	Peak	353.00	200	Horizontal	Pass
5**	12796.463	44.28	1.14	54.0	9.72	AV	353.00	200	Horizontal	Pass
6	17420.925	56.31	3.73	74.0	17.69	Peak	274.00	200	Horizontal	Pass
6**	17420.925	47.26	3.73	54.0	6.74	AV	274.00	200	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V VHT-20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1165.000	46.20	-18.01	74.0	27.80	Peak	82.00	200	Vertical	Pass
1**	1165.000	29.99	-18.01	54.0	24.01	AV	82.00	200	Vertical	Pass
2	2414.800	106.22	-12.46	74.0	-32.22	Peak	54.00	100	Vertical	N/A
2**	2414.800	98.71	-12.46	54.0	-44.71	AV	54.00	100	Vertical	N/A
3	4741.800	51.09	-3.81	74.0	22.91	Peak	360.00	150	Vertical	Pass
3**	4741.800	40.38	-3.81	54.0	13.62	AV	360.00	150	Vertical	Pass
4	6270.200	55.04	0.46	74.0	18.96	Peak	7.00	400	Vertical	Pass
4**	6270.200	45.75	0.46	54.0	8.25	AV	7.00	400	Vertical	Pass
5	12814.050	53.17	0.85	74.0	20.83	Peak	19.00	400	Vertical	Pass
5**	12814.050	44.48	0.85	54.0	9.52	AV	19.00	400	Vertical	Pass
6	15231.150	57.52	0.92	74.0	16.48	Peak	273.00	300	Vertical	Pass
6**	15231.150	46.86	0.92	54.0	7.14	AV	273.00	300	Vertical	Pass

## 1 GHz to 18 GHz, ANT H VHT-20 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1163.800	40.76	-17.97	74.0	33.24	Peak	75.00	300	Horizontal	Pass
1**	1163.800	28.54	-17.97	54.0	25.46	AV	75.00	300	Horizontal	Pass
2	2435.900	107.08	-12.52	74.0	-33.08	Peak	109.00	200	Horizontal	N/A
2**	2435.900	99.40	-12.52	54.0	-45.40	AV	109.00	200	Horizontal	N/A
3	4814.400	51.74	-3.19	74.0	22.26	Peak	278.00	150	Horizontal	Pass
3**	4814.400	41.01	-3.19	54.0	12.99	AV	278.00	150	Horizontal	Pass
4	6613.800	54.40	1.20	74.0	19.60	Peak	257.00	400	Horizontal	Pass
4**	6613.800	45.67	1.20	54.0	8.33	AV	257.00	400	Horizontal	Pass
5	12990.188	53.77	1.12	74.0	20.23	Peak	349.00	200	Horizontal	Pass
5**	12990.188	43.67	1.12	54.0	10.33	AV	349.00	200	Horizontal	Pass
6	17424.599	56.24	3.63	74.0	17.76	Peak	309.00	400	Horizontal	Pass
6**	17424.599	46.92	3.63	54.0	7.08	AV	309.00	400	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V VHT-20 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1161.500	47.78	-17.97	74.0	26.22	Peak	47.00	200	Vertical	Pass
1**	1161.500	30.57	-17.97	54.0	23.43	AV	47.00	200	Vertical	Pass
2	2438.900	106.71	-12.42	74.0	-32.71	Peak	58.00	200	Vertical	N/A
2**	2438.900	99.35	-12.42	54.0	-45.35	AV	58.00	200	Vertical	N/A
3	4775.200	50.56	-2.79	74.0	23.44	Peak	94.00	150	Vertical	Pass
3**	4775.200	41.46	-2.79	54.0	12.54	AV	94.00	150	Vertical	Pass
4	6613.400	55.44	1.28	74.0	18.56	Peak	148.00	200	Vertical	Pass
4**	6613.400	45.79	1.28	54.0	8.21	AV	148.00	200	Vertical	Pass
5	12906.974	53.38	1.42	74.0	20.62	Peak	76.00	200	Vertical	Pass
5**	12906.974	43.24	1.42	54.0	10.76	AV	76.00	200	Vertical	Pass
6	15234.300	55.92	1.01	74.0	18.08	Peak	0.00	200	Vertical	Pass
6**	15234.300	47.18	1.01	54.0	6.82	AV	0.00	200	Vertical	Pass

## 1 GHz to 18 GHz, ANT H VHT-20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.800	40.48	-17.65	74.0	33.52	Peak	326.00	100	Horizontal	Pass
1**	1328.800	30.03	-17.65	54.0	23.97	AV	326.00	100	Horizontal	Pass
2	2461.000	107.67	-12.54	74.0	-33.67	Peak	98.00	100	Horizontal	N/A
2**	2461.000	99.92	-12.54	54.0	-45.92	AV	98.00	100	Horizontal	N/A
3	5433.800	53.67	-1.52	74.0	20.33	Peak	72.00	150	Horizontal	Pass
3**	5433.800	43.62	-1.52	54.0	10.38	AV	72.00	150	Horizontal	Pass
4	6631.000	54.77	0.84	74.0	19.23	Peak	235.00	400	Horizontal	Pass
4**	6631.000	45.40	0.84	54.0	8.60	AV	235.00	400	Horizontal	Pass
5	12834.787	53.79	1.25	74.0	20.21	Peak	175.00	300	Horizontal	Pass
5**	12834.787	44.48	1.25	54.0	9.52	AV	175.00	300	Horizontal	Pass
6	17434.837	56.61	3.27	74.0	17.39	Peak	195.00	300	Horizontal	Pass
6**	17434.837	46.91	3.27	54.0	7.09	AV	195.00	300	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V VHT-20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.400	44.64	-17.50	74.0	29.36	Peak	47.00	200	Vertical	Pass
1**	1333.400	32.16	-17.50	54.0	21.84	AV	47.00	200	Vertical	Pass
2	2462.800	107.07	-12.51	74.0	-33.07	Peak	47.00	200	Vertical	N/A
2**	2462.800	99.27	-12.51	54.0	-45.27	AV	47.00	200	Vertical	N/A
3	5279.200	52.32	-2.85	74.0	21.68	Peak	0.00	150	Vertical	Pass
3**	5279.200	41.76	-2.85	54.0	12.24	AV	0.00	150	Vertical	Pass
4	6608.000	54.72	1.55	74.0	19.28	Peak	342.00	100	Vertical	Pass
4**	6608.000	46.51	1.55	54.0	7.49	AV	342.00	100	Vertical	Pass
5	12789.112	53.23	1.19	74.0	20.77	Peak	352.00	400	Vertical	Pass
5**	12789.112	43.27	1.19	54.0	10.73	AV	352.00	400	Vertical	Pass
6	17469.225	56.83	2.91	74.0	17.17	Peak	36.00	400	Vertical	Pass
6**	17469.225	48.09	2.91	54.0	5.91	AV	36.00	400	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11ax20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.200	40.50	-17.49	74.0	33.50	Peak	37.00	300	Horizontal	Pass
1**	1331.200	32.83	-17.49	54.0	21.17	AV	37.00	300	Horizontal	Pass
2	2410.600	108.02	-12.61	74.0	-34.02	Peak	108.00	150	Horizontal	N/A
2**	2410.600	98.95	-12.61	54.0	-44.95	AV	108.00	150	Horizontal	N/A
3	4560.800	50.25	-4.40	74.0	23.75	Peak	52.00	150	Horizontal	Pass
3**	4560.800	40.48	-4.40	54.0	13.52	AV	52.00	150	Horizontal	Pass
4	6291.200	54.40	0.12	74.0	19.60	Peak	95.00	300	Horizontal	Pass
4**	6291.200	45.37	0.12	54.0	8.63	AV	95.00	300	Horizontal	Pass
5	12902.250	53.45	1.46	74.0	20.55	Peak	16.00	300	Horizontal	Pass
5**	12902.250	43.75	1.46	54.0	10.25	AV	16.00	300	Horizontal	Pass
6	13419.112	56.25	0.40	74.0	17.75	Peak	120.00	200	Horizontal	Pass
6**	13419.112	46.72	0.40	54.0	7.28	AV	120.00	200	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V802.11ax20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.700	45.52	-17.50	74.0	28.48	Peak	82.00	400	Vertical	Pass
1**	1331.700	39.97	-17.50	54.0	14.03	AV	82.00	400	Vertical	Pass
2	2411.300	108.49	-12.56	74.0	-34.49	Peak	57.00	150	Vertical	N/A
2**	2411.300	99.31	-12.56	54.0	-45.31	AV	57.00	150	Vertical	N/A
3	4899.600	51.51	-2.62	74.0	22.49	Peak	205.00	150	Vertical	Pass
3**	4899.600	42.25	-2.62	54.0	11.75	AV	205.00	150	Vertical	Pass
4	6612.400	54.88	1.39	74.0	19.12	Peak	107.00	200	Vertical	Pass
4**	6612.400	46.74	1.39	54.0	7.26	AV	107.00	200	Vertical	Pass
5	12753.412	53.66	1.07	74.0	20.34	Peak	55.00	200	Vertical	Pass
5**	12753.412	42.79	1.07	54.0	11.21	AV	55.00	200	Vertical	Pass
6	17352.675	57.62	2.00	74.0	16.38	Peak	273.00	100	Vertical	Pass
6**	17352.675	47.18	2.00	54.0	6.82	AV	273.00	100	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11ax20 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.800	40.13	-17.55	74.0	33.87	Peak	321.00	300	Horizontal	Pass
1**	1329.800	29.37	-17.55	54.0	24.63	AV	321.00	300	Horizontal	Pass
2	2438.000	107.73	-12.45	74.0	-33.73	Peak	120.00	150	Horizontal	N/A
2**	2438.000	99.89	-12.45	54.0	-45.89	AV	120.00	150	Horizontal	N/A
3	5106.800	52.14	-1.98	74.0	21.86	Peak	141.00	150	Horizontal	Pass
3**	5106.800	43.03	-1.98	54.0	10.97	AV	141.00	150	Horizontal	Pass
4	6608.000	54.51	1.55	74.0	19.49	Peak	298.00	100	Horizontal	Pass
4**	6608.000	46.31	1.55	54.0	7.69	AV	298.00	100	Horizontal	Pass
5	12882.562	54.96	1.56	74.0	19.04	Peak	360.00	200	Horizontal	Pass
5**	12882.562	44.17	1.56	54.0	9.83	AV	360.00	200	Horizontal	Pass
6	15811.800	56.75	2.13	74.0	17.25	Peak	219.00	100	Horizontal	Pass
6**	15811.800	46.73	2.13	54.0	7.27	AV	219.00	100	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11ax20 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1161.400	46.54	-17.98	74.0	27.46	Peak	77.00	300	Vertical	Pass
1**	1161.400	32.76	-17.98	54.0	21.24	AV	77.00	300	Vertical	Pass
2	2441.700	107.48	-12.46	74.0	-33.48	Peak	71.00	200	Vertical	N/A
2**	2441.700	98.72	-12.46	54.0	-44.72	AV	71.00	200	Vertical	N/A
3	5154.200	52.92	-2.61	74.0	21.08	Peak	106.00	150	Vertical	Pass
3**	5154.200	42.69	-2.61	54.0	11.31	AV	106.00	150	Vertical	Pass
4	6684.200	54.62	0.04	74.0	19.38	Peak	51.00	300	Vertical	Pass
4**	6684.200	46.12	0.04	54.0	7.88	AV	51.00	300	Vertical	Pass
5	11654.050	53.95	-0.05	74.0	20.05	Peak	0.00	400	Vertical	Pass
5**	11654.050	43.15	-0.05	54.0	10.85	AV	0.00	400	Vertical	Pass
6	17427.751	56.25	3.53	74.0	17.75	Peak	0.00	400	Vertical	Pass
6**	17427.751	46.49	3.53	54.0	7.51	AV	0.00	400	Vertical	Pass



## 1 GHz to 18 GHz, ANT H802.11ax20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.900	40.86	-17.52	74.0	33.14	Peak	325.00	300	Horizontal	Pass
1**	1332.900	32.44	-17.52	54.0	21.56	AV	325.00	300	Horizontal	Pass
2	2462.600	107.53	-12.51	74.0	-33.53	Peak	121.00	200	Horizontal	N/A
2**	2462.600	99.61	-12.51	54.0	-45.61	AV	121.00	200	Horizontal	N/A
3	4775.200	51.61	-2.79	74.0	22.39	Peak	360.00	150	Horizontal	Pass
3**	4775.200	41.21	-2.79	54.0	12.79	AV	360.00	150	Horizontal	Pass
4	6618.000	54.85	0.68	74.0	19.15	Peak	209.00	300	Horizontal	Pass
4**	6618.000	45.20	0.68	54.0	8.80	AV	209.00	300	Horizontal	Pass
5	12811.425	53.19	0.85	74.0	20.81	Peak	239.00	300	Horizontal	Pass
5**	12811.425	44.58	0.85	54.0	9.42	AV	239.00	300	Horizontal	Pass
6	17465.025	56.69	2.89	74.0	17.31	Peak	38.00	300	Horizontal	Pass
6**	17465.025	46.16	2.89	54.0	7.84	AV	38.00	300	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11ax20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.200	44.81	-17.61	74.0	29.19	Peak	111.00	400	Vertical	Pass
1**	1329.200	35.22	-17.61	54.0	18.78	AV	111.00	400	Vertical	Pass
2	2461.100	108.02	-12.54	74.0	-34.02	Peak	44.00	150	Vertical	N/A
2**	2461.100	98.50	-12.54	54.0	-44.50	AV	44.00	150	Vertical	N/A
3	4783.000	50.73	-2.72	74.0	23.27	Peak	306.00	150	Vertical	Pass
3**	4783.000	41.39	-2.72	54.0	12.61	AV	306.00	150	Vertical	Pass
4	6610.000	55.06	1.53	74.0	18.94	Peak	74.00	400	Vertical	Pass
4**	6610.000	45.32	1.53	54.0	8.68	AV	74.00	400	Vertical	Pass
5	12857.888	53.38	1.44	74.0	20.62	Peak	36.00	300	Vertical	Pass
5**	12857.888	44.49	1.44	54.0	9.51	AV	36.00	300	Vertical	Pass
6	17353.464	56.14	2.03	74.0	17.86	Peak	156.00	100	Vertical	Pass
6**	17353.464	47.91	2.03	54.0	6.09	AV	156.00	100	Vertical	Pass

## MIMO Antenna

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.300	40.45	-17.49	74.0	33.55	Peak	319.00	200	Horizontal	Pass
1**	1331.300	30.37	-17.49	54.0	23.63	AV	319.00	200	Horizontal	Pass
2	2412.900	107.33	-12.52	74.0	-33.33	Peak	94.00	150	Horizontal	N/A
2**	2412.900	99.87	-12.52	54.0	-45.87	AV	94.00	150	Horizontal	N/A
3	4915.200	51.05	-2.61	74.0	22.95	Peak	164.00	150	Horizontal	Pass
3**	4915.200	42.67	-2.61	54.0	11.33	AV	164.00	150	Horizontal	Pass
4	6604.800	54.89	1.15	74.0	19.11	Peak	205.00	100	Horizontal	Pass
4**	6604.800	47.30	1.15	54.0	6.70	AV	205.00	100	Horizontal	Pass
5	12818.250	53.71	0.89	74.0	20.29	Peak	221.00	100	Horizontal	Pass
5**	12818.250	44.37	0.89	54.0	9.63	AV	221.00	100	Horizontal	Pass
6	17433.786	56.63	3.31	74.0	17.37	Peak	312.00	100	Horizontal	Pass
6**	17433.786	47.73	3.31	54.0	6.27	AV	312.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1162.000	43.25	-17.95	74.0	30.75	Peak	32.00	200	Vertical	Pass
1**	1162.000	33.28	-17.95	54.0	20.72	AV	32.00	200	Vertical	Pass
2	2413.100	106.95	-12.52	74.0	-32.95	Peak	50.00	200	Vertical	N/A
2**	2413.100	100.08	-12.52	54.0	-46.08	AV	50.00	200	Vertical	N/A
3	4723.800	51.24	-3.78	74.0	22.76	Peak	165.00	150	Vertical	Pass
3**	4723.800	40.11	-3.78	54.0	13.89	AV	165.00	150	Vertical	Pass
4	6604.200	55.03	1.05	74.0	18.97	Peak	48.00	300	Vertical	Pass
4**	6604.200	46.01	1.05	54.0	7.99	AV	48.00	300	Vertical	Pass
5	12913.537	53.75	1.31	74.0	20.25	Peak	293.00	300	Vertical	Pass
5**	12913.537	44.05	1.31	54.0	9.95	AV	293.00	300	Vertical	Pass
6	17419.088	55.98	3.74	74.0	18.02	Peak	182.00	200	Vertical	Pass
6**	17419.088	47.62	3.74	54.0	6.38	AV	182.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.500	39.33	-17.47	74.0	34.67	Peak	35.00	300	Horizontal	Pass
1**	1330.500	30.03	-17.47	54.0	23.97	AV	35.00	300	Horizontal	Pass
2	2437.900	107.30	-12.45	74.0	-33.30	Peak	127.00	200	Horizontal	N/A
2**	2437.900	100.28	-12.45	54.0	-46.28	AV	127.00	200	Horizontal	N/A
3	5141.200	51.77	-2.29	74.0	22.23	Peak	274.00	150	Horizontal	Pass
3**	5141.200	42.53	-2.29	54.0	11.47	AV	274.00	150	Horizontal	Pass
4	6676.600	54.86	0.32	74.0	19.14	Peak	304.00	300	Horizontal	Pass
4**	6676.600	45.67	0.32	54.0	8.33	AV	304.00	300	Horizontal	Pass
5	11549.688	53.64	-0.47	74.0	20.36	Peak	0.00	100	Horizontal	Pass
5**	11549.688	43.42	-0.47	54.0	10.58	AV	0.00	100	Horizontal	Pass
6	17427.225	56.07	3.55	74.0	17.93	Peak	198.00	400	Horizontal	Pass
6**	17427.225	46.86	3.55	54.0	7.14	AV	198.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1163.000	45.90	-17.94	74.0	28.10	Peak	60.00	300	Vertical	Pass
1**	1163.000	39.88	-17.94	54.0	14.12	AV	60.00	300	Vertical	Pass
2	2439.500	106.77	-12.40	74.0	-32.77	Peak	65.00	100	Vertical	N/A
2**	2439.500	99.27	-12.40	54.0	-45.27	AV	65.00	100	Vertical	N/A
3	4773.800	50.26	-2.86	74.0	23.74	Peak	158.00	150	Vertical	Pass
3**	4773.800	42.08	-2.86	54.0	11.92	AV	158.00	150	Vertical	Pass
4	6608.800	54.57	1.60	74.0	19.43	Peak	27.00	300	Vertical	Pass
4**	6608.800	46.97	1.60	54.0	7.03	AV	27.00	300	Vertical	Pass
5	12925.350	53.08	1.14	74.0	20.92	Peak	351.00	200	Vertical	Pass
5**	12925.350	43.63	1.14	54.0	10.37	AV	351.00	200	Vertical	Pass
6	15237.713	56.42	0.99	74.0	17.58	Peak	50.00	100	Vertical	Pass
6**	15237.713	46.99	0.99	54.0	7.01	AV	50.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.000	39.68	-17.63	74.0	34.32	Peak	42.00	400	Horizontal	Pass
1**	1329.000	29.10	-17.63	54.0	24.90	AV	42.00	400	Horizontal	Pass
2	2462.700	106.95	-12.51	74.0	-32.95	Peak	101.00	200	Horizontal	N/A
2**	2462.700	99.94	-12.51	54.0	-45.94	AV	101.00	200	Horizontal	N/A
3	5433.000	52.64	-1.63	74.0	21.36	Peak	299.00	150	Horizontal	Pass
3**	5433.000	43.58	-1.63	54.0	10.42	AV	299.00	150	Horizontal	Pass
4	6607.000	54.59	1.48	74.0	19.41	Peak	6.00	300	Horizontal	Pass
4**	6607.000	46.48	1.48	54.0	7.52	AV	6.00	300	Horizontal	Pass
5	12829.537	53.78	1.12	74.0	20.22	Peak	178.00	400	Horizontal	Pass
5**	12829.537	44.84	1.12	54.0	9.16	AV	178.00	400	Horizontal	Pass
6	16031.776	56.14	0.73	74.0	17.86	Peak	160.00	300	Horizontal	Pass
6**	16031.776	46.68	0.73	54.0	7.32	AV	160.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1165.100	43.60	-18.01	74.0	30.40	Peak	102.00	100	Vertical	Pass
1**	1165.100	29.49	-18.01	54.0	24.51	AV	102.00	100	Vertical	Pass
2	2464.200	106.85	-12.47	74.0	-32.85	Peak	63.00	100	Vertical	N/A
2**	2464.200	100.19	-12.47	54.0	-46.19	AV	63.00	100	Vertical	N/A
3	4519.000	51.26	-3.39	74.0	22.74	Peak	180.00	150	Vertical	Pass
3**	4519.000	40.96	-3.39	54.0	13.04	AV	180.00	150	Vertical	Pass
4	6615.800	54.48	0.86	74.0	19.52	Peak	68.00	200	Vertical	Pass
4**	6615.800	45.53	0.86	54.0	8.47	AV	68.00	200	Vertical	Pass
5	12815.362	53.34	0.85	74.0	20.66	Peak	326.00	200	Vertical	Pass
5**	12815.362	44.43	0.85	54.0	9.57	AV	326.00	200	Vertical	Pass
6	13427.250	55.96	0.40	74.0	18.04	Peak	360.00	300	Vertical	Pass
6**	13427.250	46.78	0.40	54.0	7.22	AV	360.00	300	Vertical	Pass

## 1 GHz to 18 GHz, ANT H VHT-20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1553.800	39.41	-17.31	74.0	34.59	Peak	328.00	200	Horizontal	Pass
1**	1553.800	29.59	-17.31	54.0	24.41	AV	328.00	200	Horizontal	Pass
2	2407.200	107.05	-12.44	74.0	-33.05	Peak	95.00	200	Horizontal	N/A
2**	2407.200	98.29	-12.44	54.0	-44.29	AV	95.00	200	Horizontal	N/A
3	4896.400	51.06	-2.92	74.0	22.94	Peak	179.00	150	Horizontal	Pass
3**	4896.400	41.58	-2.92	54.0	12.42	AV	179.00	150	Horizontal	Pass
4	6741.800	54.45	0.81	74.0	19.55	Peak	57.00	300	Horizontal	Pass
4**	6741.800	45.37	0.81	54.0	8.63	AV	57.00	300	Horizontal	Pass
5	12391.775	53.22	1.58	74.0	20.78	Peak	156.00	200	Horizontal	Pass
5**	12391.775	44.06	1.58	54.0	9.94	AV	156.00	200	Horizontal	Pass
6	17435.888	56.01	3.22	74.0	17.99	Peak	238.00	200	Horizontal	Pass
6**	17435.888	46.87	3.22	54.0	7.13	AV	238.00	200	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V VHT-20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.600	42.95	-17.50	74.0	31.05	Peak	118.00	100	Vertical	Pass
1**	1331.600	36.70	-17.50	54.0	17.30	AV	118.00	100	Vertical	Pass
2	2409.900	106.90	-12.64	74.0	-32.90	Peak	33.00	150	Vertical	N/A
2**	2409.900	99.02	-12.64	54.0	-45.02	AV	33.00	150	Vertical	N/A
3	5090.200	51.37	-2.52	74.0	22.63	Peak	234.00	150	Vertical	Pass
3**	5090.200	41.78	-2.52	54.0	12.22	AV	234.00	150	Vertical	Pass
4	6606.400	54.58	1.42	74.0	19.42	Peak	6.00	300	Vertical	Pass
4**	6606.400	46.34	1.42	54.0	7.66	AV	6.00	300	Vertical	Pass
5	12864.187	53.61	1.43	74.0	20.39	Peak	14.00	300	Vertical	Pass
5**	12864.187	44.20	1.43	54.0	9.80	AV	14.00	300	Vertical	Pass
6	17423.550	56.33	3.66	74.0	17.67	Peak	199.00	200	Vertical	Pass
6**	17423.550	47.59	3.66	54.0	6.41	AV	199.00	200	Vertical	Pass

## 1 GHz to 18 GHz, ANT H VHT-20 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.200	41.31	-17.51	74.0	32.69	Peak	318.00	300	Horizontal	Pass
1**	1333.200	29.47	-17.51	54.0	24.53	AV	318.00	300	Horizontal	Pass
2	2440.400	107.55	-12.42	74.0	-33.55	Peak	109.00	200	Horizontal	N/A
2**	2440.400	99.74	-12.42	54.0	-45.74	AV	109.00	200	Horizontal	N/A
3	5122.600	52.00	-1.90	74.0	22.00	Peak	344.00	150	Horizontal	Pass
3**	5122.600	42.74	-1.90	54.0	11.26	AV	344.00	150	Horizontal	Pass
4	6748.000	54.10	0.71	74.0	19.90	Peak	221.00	200	Horizontal	Pass
4**	6748.000	45.04	0.71	54.0	8.96	AV	221.00	200	Horizontal	Pass
5	12844.763	54.04	1.34	74.0	19.96	Peak	124.00	400	Horizontal	Pass
5**	12844.763	45.60	1.34	54.0	8.40	AV	124.00	400	Horizontal	Pass
6	17412.262	55.96	3.53	74.0	18.04	Peak	0.00	200	Horizontal	Pass
6**	17412.262	46.74	3.53	54.0	7.26	AV	0.00	200	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V VHT-20 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.300	45.84	-17.60	74.0	28.16	Peak	112.00	200	Vertical	Pass
1**	1329.300	29.10	-17.60	54.0	24.90	AV	112.00	200	Vertical	Pass
2	2438.600	106.33	-12.43	74.0	-32.33	Peak	0.00	200	Vertical	N/A
2**	2438.600	99.27	-12.43	54.0	-45.27	AV	0.00	200	Vertical	N/A
3	4782.600	51.31	-2.74	74.0	22.69	Peak	0.00	150	Vertical	Pass
3**	4782.600	41.74	-2.74	54.0	12.26	AV	0.00	150	Vertical	Pass
4	6608.600	56.05	1.59	74.0	17.95	Peak	166.00	100	Vertical	Pass
4**	6608.600	46.36	1.59	54.0	7.64	AV	166.00	100	Vertical	Pass
5	12961.838	53.76	0.91	74.0	20.24	Peak	161.00	300	Vertical	Pass
5**	12961.838	44.29	0.91	54.0	9.71	AV	161.00	300	Vertical	Pass
6	17478.412	56.23	2.77	74.0	17.77	Peak	161.00	100	Vertical	Pass
6**	17478.412	47.57	2.77	54.0	6.43	AV	161.00	100	Vertical	Pass

## 1 GHz to 18 GHz, ANT H VHT-20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.000	40.83	-17.48	74.0	33.17	Peak	118.00	100	Horizontal	Pass
1**	1331.000	29.40	-17.48	54.0	24.60	AV	118.00	100	Horizontal	Pass
2	2463.500	107.76	-12.49	74.0	-33.76	Peak	100.00	100	Horizontal	N/A
2**	2463.500	99.99	-12.49	54.0	-45.99	AV	100.00	100	Horizontal	N/A
3	4852.400	51.85	-3.44	74.0	22.15	Peak	97.00	150	Horizontal	Pass
3**	4852.400	41.96	-3.44	54.0	12.04	AV	97.00	150	Horizontal	Pass
4	6678.200	54.93	0.24	74.0	19.07	Peak	68.00	300	Horizontal	Pass
4**	6678.200	45.72	0.24	54.0	8.28	AV	68.00	300	Horizontal	Pass
5	12830.325	54.36	1.13	74.0	19.64	Peak	32.00	200	Horizontal	Pass
5**	12830.325	44.45	1.13	54.0	9.55	AV	32.00	200	Horizontal	Pass
6	17360.026	56.39	2.22	74.0	17.61	Peak	178.00	300	Horizontal	Pass
6**	17360.026	46.31	2.22	54.0	7.69	AV	178.00	300	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V VHT-20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1163.500	44.87	-17.96	74.0	29.13	Peak	59.00	200	Vertical	Pass
1**	1163.500	32.84	-17.96	54.0	21.16	AV	59.00	200	Vertical	Pass
2	2464.200	107.08	-12.47	74.0	-33.08	Peak	64.00	200	Vertical	N/A
2**	2464.200	99.88	-12.47	54.0	-45.88	AV	64.00	200	Vertical	N/A
3	5030.200	51.92	-3.01	74.0	22.08	Peak	48.00	150	Vertical	Pass
3**	5030.200	42.21	-3.01	54.0	11.79	AV	48.00	150	Vertical	Pass
4	6677.200	55.09	0.31	74.0	18.91	Peak	189.00	200	Vertical	Pass
4**	6677.200	46.29	0.31	54.0	7.71	AV	189.00	200	Vertical	Pass
5	12943.200	53.40	0.90	74.0	20.60	Peak	298.00	300	Vertical	Pass
5**	12943.200	43.56	0.90	54.0	10.44	AV	298.00	300	Vertical	Pass
6	17432.214	56.36	3.37	74.0	17.64	Peak	360.00	300	Vertical	Pass
6**	17432.214	47.63	3.37	54.0	6.37	AV	360.00	300	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11ax20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.100	43.12	-17.62	74.0	30.88	Peak	316.00	100	Horizontal	Pass
1**	1329.100	28.96	-17.62	54.0	25.04	AV	316.00	100	Horizontal	Pass
2	2411.100	108.19	-12.58	74.0	-34.19	Peak	113.00	200	Horizontal	N/A
2**	2411.100	101.86	-12.58	54.0	-47.86	AV	113.00	200	Horizontal	N/A
3	4933.800	50.83	-2.87	74.0	23.17	Peak	84.00	150	Horizontal	Pass
3**	4933.800	41.92	-2.87	54.0	12.08	AV	84.00	150	Horizontal	Pass
4	6675.800	56.01	0.28	74.0	17.99	Peak	174.00	400	Horizontal	Pass
4**	6675.800	45.46	0.28	54.0	8.54	AV	174.00	400	Horizontal	Pass
5	12845.813	53.57	1.35	74.0	20.43	Peak	79.00	300	Horizontal	Pass
5**	12845.813	44.79	1.35	54.0	9.21	AV	79.00	300	Horizontal	Pass
6	17446.912	55.87	2.85	74.0	18.13	Peak	162.00	300	Horizontal	Pass
6**	17446.912	46.38	2.85	54.0	7.62	AV	162.00	300	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11ax20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1161.800	43.90	-17.96	74.0	30.10	Peak	116.00	400	Vertical	Pass
1**	1161.800	33.43	-17.96	54.0	20.57	AV	116.00	400	Vertical	Pass
2	2412.800	108.15	-12.52	74.0	-34.15	Peak	21.00	100	Vertical	N/A
2**	2412.800	98.82	-12.52	54.0	-44.82	AV	21.00	100	Vertical	N/A
3	4787.400	50.94	-2.65	74.0	23.06	Peak	257.00	150	Vertical	Pass
3**	4787.400	42.00	-2.65	54.0	12.00	AV	257.00	150	Vertical	Pass
4	6271.800	54.39	0.55	74.0	19.61	Peak	91.00	200	Vertical	Pass
4**	6271.800	45.03	0.55	54.0	8.97	AV	91.00	200	Vertical	Pass
5	12316.162	53.81	1.41	74.0	20.19	Peak	309.00	200	Vertical	Pass
5**	12316.162	43.39	1.41	54.0	10.61	AV	309.00	200	Vertical	Pass
6	13431.187	56.35	0.40	74.0	17.65	Peak	81.00	100	Vertical	Pass
6**	13431.187	46.77	0.40	54.0	7.23	AV	81.00	100	Vertical	Pass



## 1 GHz to 18 GHz, ANT H 802.11ax20 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.600	40.95	-17.50	74.0	33.05	Peak	316.00	400	Horizontal	Pass
1**	1331.600	31.86	-17.50	54.0	22.14	AV	316.00	400	Horizontal	Pass
2	2445.600	107.66	-12.62	74.0	-33.66	Peak	99.00	200	Horizontal	N/A
2**	2445.600	98.39	-12.62	54.0	-44.39	AV	99.00	200	Horizontal	N/A
3	4581.200	50.37	-4.04	74.0	23.63	Peak	325.00	150	Horizontal	Pass
3**	4581.200	40.45	-4.04	54.0	13.55	AV	325.00	150	Horizontal	Pass
4	6605.800	54.51	1.32	74.0	19.49	Peak	0.00	300	Horizontal	Pass
4**	6605.800	45.99	1.32	54.0	8.01	AV	0.00	300	Horizontal	Pass
5	12260.100	53.63	1.08	74.0	20.37	Peak	41.00	100	Horizontal	Pass
5**	12260.100	43.12	1.08	54.0	10.88	AV	41.00	100	Horizontal	Pass
6	17361.074	56.59	2.24	74.0	17.41	Peak	190.00	300	Horizontal	Pass
6**	17361.074	47.24	2.24	54.0	6.76	AV	190.00	300	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11ax20 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1326.600	43.46	-17.50	74.0	30.54	Peak	118.00	200	Vertical	Pass
1**	1326.600	29.57	-17.50	54.0	24.43	AV	118.00	200	Vertical	Pass
2	2444.100	107.69	-12.57	74.0	-33.69	Peak	78.00	100	Vertical	N/A
2**	2444.100	98.53	-12.57	54.0	-44.53	AV	78.00	100	Vertical	N/A
3	4788.000	51.87	-2.61	74.0	22.13	Peak	331.00	150	Vertical	Pass
3**	4788.000	41.77	-2.61	54.0	12.23	AV	331.00	150	Vertical	Pass
4	6610.000	55.85	1.53	74.0	18.15	Peak	182.00	200	Vertical	Pass
4**	6610.000	46.05	1.53	54.0	7.95	AV	182.00	200	Vertical	Pass
5	12782.812	53.99	1.24	74.0	20.01	Peak	273.00	300	Vertical	Pass
5**	12782.812	43.54	1.24	54.0	10.46	AV	273.00	300	Vertical	Pass
6	17438.511	56.22	3.09	74.0	17.78	Peak	17.00	200	Vertical	Pass
6**	17438.511	47.15	3.09	54.0	6.85	AV	17.00	200	Vertical	Pass

## 1 GHz to 18 GHz, ANT H802.11ax20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.600	39.32	-17.50	74.0	34.68	Peak	174.00	100	Horizontal	Pass
1**	1331.600	29.30	-17.50	54.0	24.70	AV	174.00	100	Horizontal	Pass
2	2470.600	107.22	-12.39	74.0	-33.22	Peak	112.00	200	Horizontal	N/A
2**	2470.600	97.71	-12.39	54.0	-43.71	AV	112.00	200	Horizontal	N/A
3	4805.400	50.87	-3.17	74.0	23.13	Peak	8.00	150	Horizontal	Pass
3**	4805.400	41.53	-3.17	54.0	12.47	AV	8.00	150	Horizontal	Pass
4	6606.400	55.21	1.42	74.0	18.79	Peak	341.00	300	Horizontal	Pass
4**	6606.400	46.30	1.42	54.0	7.70	AV	341.00	300	Horizontal	Pass
5	12800.137	53.82	1.09	74.0	20.18	Peak	323.00	200	Horizontal	Pass
5**	12800.137	43.71	1.09	54.0	10.29	AV	323.00	200	Horizontal	Pass
6	17435.099	56.47	3.26	74.0	17.53	Peak	323.00	100	Horizontal	Pass
6**	17435.099	47.14	3.26	54.0	6.86	AV	323.00	100	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11ax20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1164.500	44.62	-17.99	74.0	29.38	Peak	37.00	200	Vertical	Pass
1**	1164.500	29.10	-17.99	54.0	24.90	AV	37.00	200	Vertical	Pass
2	2467.000	107.65	-12.49	74.0	-33.65	Peak	30.00	150	Vertical	N/A
2**	2467.000	98.84	-12.49	54.0	-44.84	AV	30.00	150	Vertical	N/A
3	4898.000	51.22	-2.67	74.0	22.78	Peak	253.00	150	Vertical	Pass
3**	4898.000	41.50	-2.67	54.0	12.50	AV	253.00	150	Vertical	Pass
4	6606.400	55.30	1.42	74.0	18.70	Peak	167.00	400	Vertical	Pass
4**	6606.400	46.84	1.42	54.0	7.16	AV	167.00	400	Vertical	Pass
5	12835.838	53.56	1.27	74.0	20.44	Peak	217.00	300	Vertical	Pass
5**	12835.838	44.93	1.27	54.0	9.07	AV	217.00	300	Vertical	Pass
6	17468.699	56.10	2.90	74.0	17.90	Peak	260.00	100	Vertical	Pass
6**	17468.699	46.91	2.90	54.0	7.09	AV	260.00	100	Vertical	Pass

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

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

Note <sup>2</sup>: 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 <sup>3</sup>: 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.

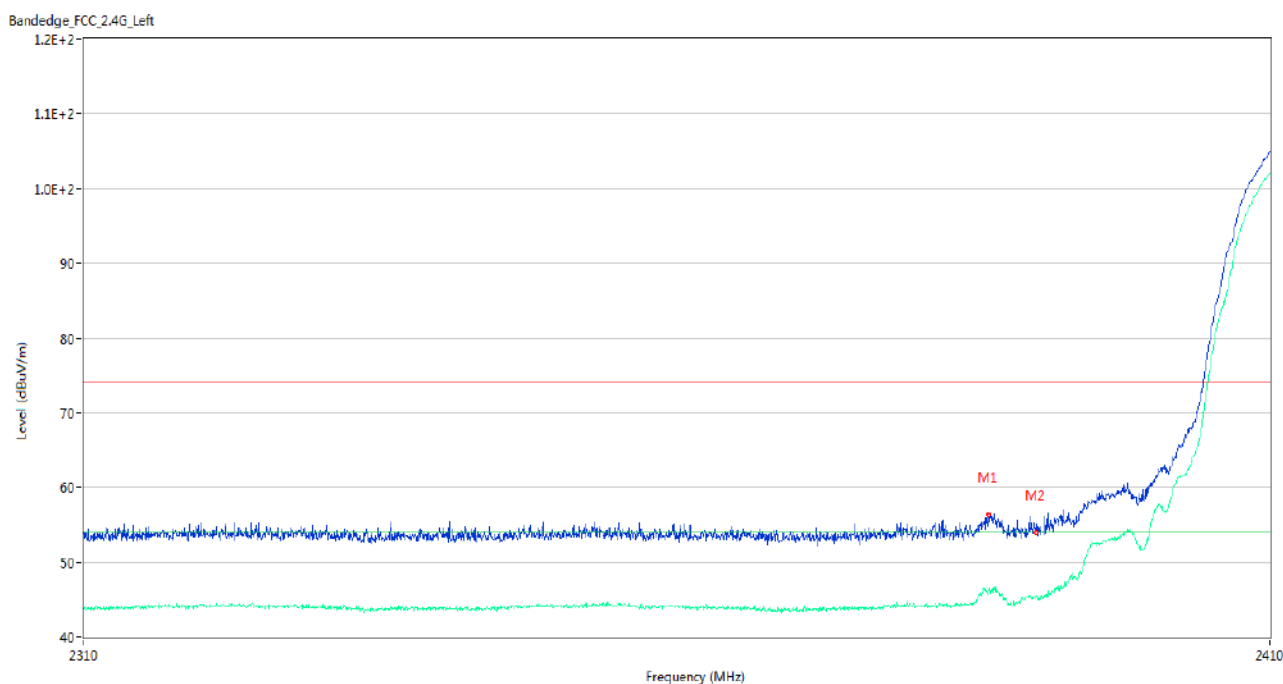
Note <sup>4</sup>: All the configurations were pre tested, only the worst configuration has been reported in this report.

Note <sup>5</sup>: The 802.11ax mode of the EUT only support full RU size configuration.

### Test Data and Plots

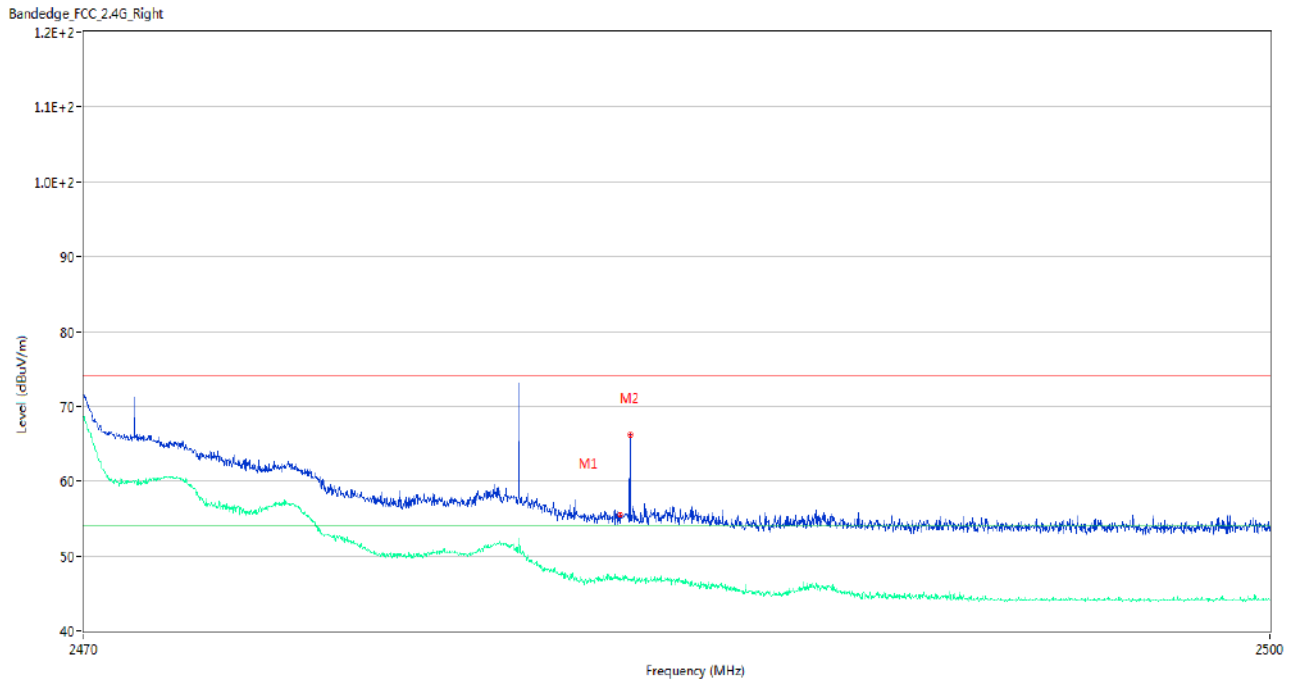
#### SISO-Main Antenna

##### 802.11b LOW CHANNEL



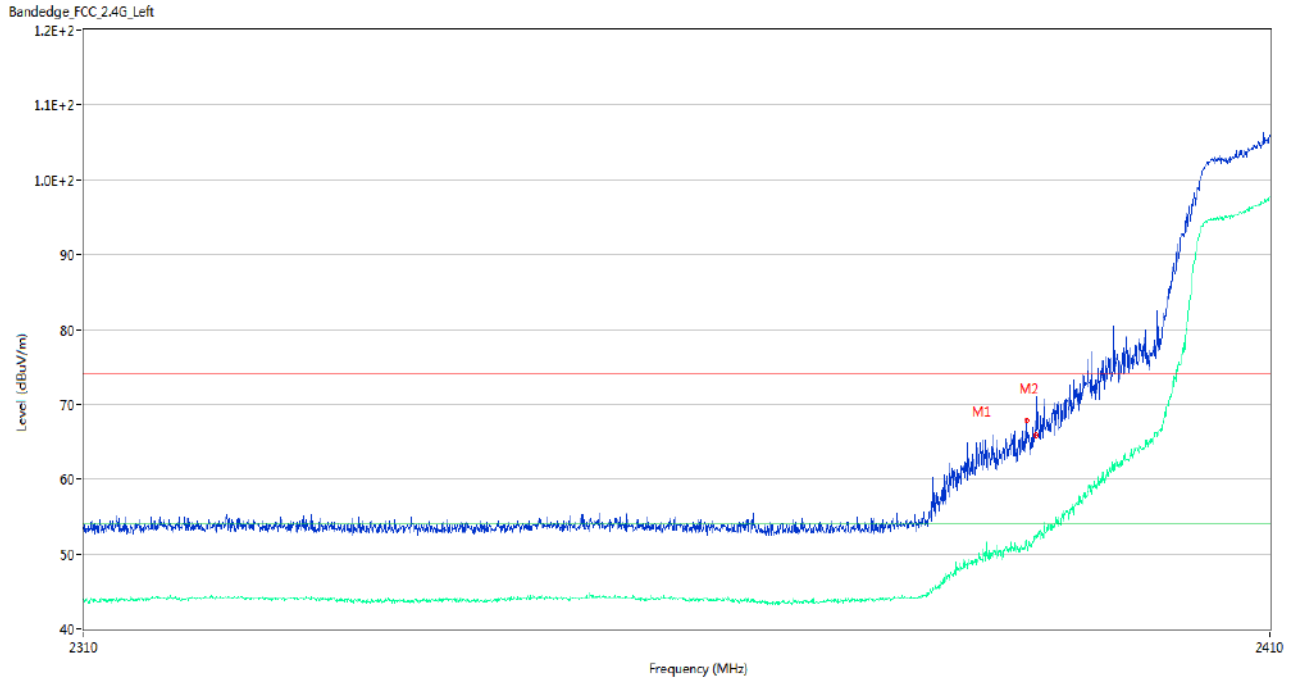
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2385.900	56.41	-0.71	74.0	17.59	Peak	50.00	100	Vertical	Pass
1**	2385.900	45.87	-0.71	54.0	8.13	AV	50.00	100	Vertical	Pass
2	2389.950	53.98	-0.59	74.0	20.02	Peak	16.00	150	Vertical	Pass
2**	2389.950	45.07	-0.59	54.0	8.93	AV	16.00	150	Vertical	Pass

802.11b HIGH CHANNEL



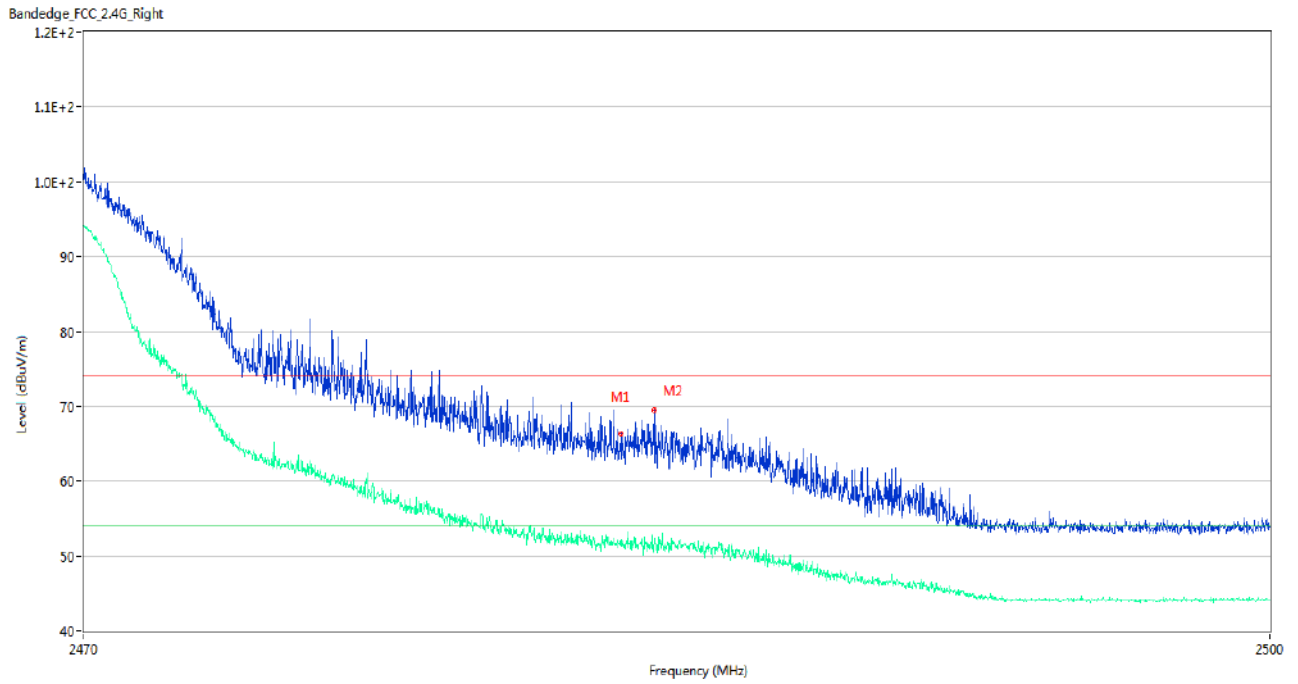
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.515	55.53	-0.05	74.0	18.47	Peak	109.00	100	Vertical	Pass
1**	2483.515	46.85	-0.05	54.0	7.15	AV	109.00	100	Vertical	Pass
2	2483.770	66.23	-0.08	74.0	7.77	Peak	26.00	200	Vertical	Pass
2**	2483.770	46.98	-0.08	54.0	7.02	AV	26.00	200	Vertical	Pass

802.11g LOW CHANNEL



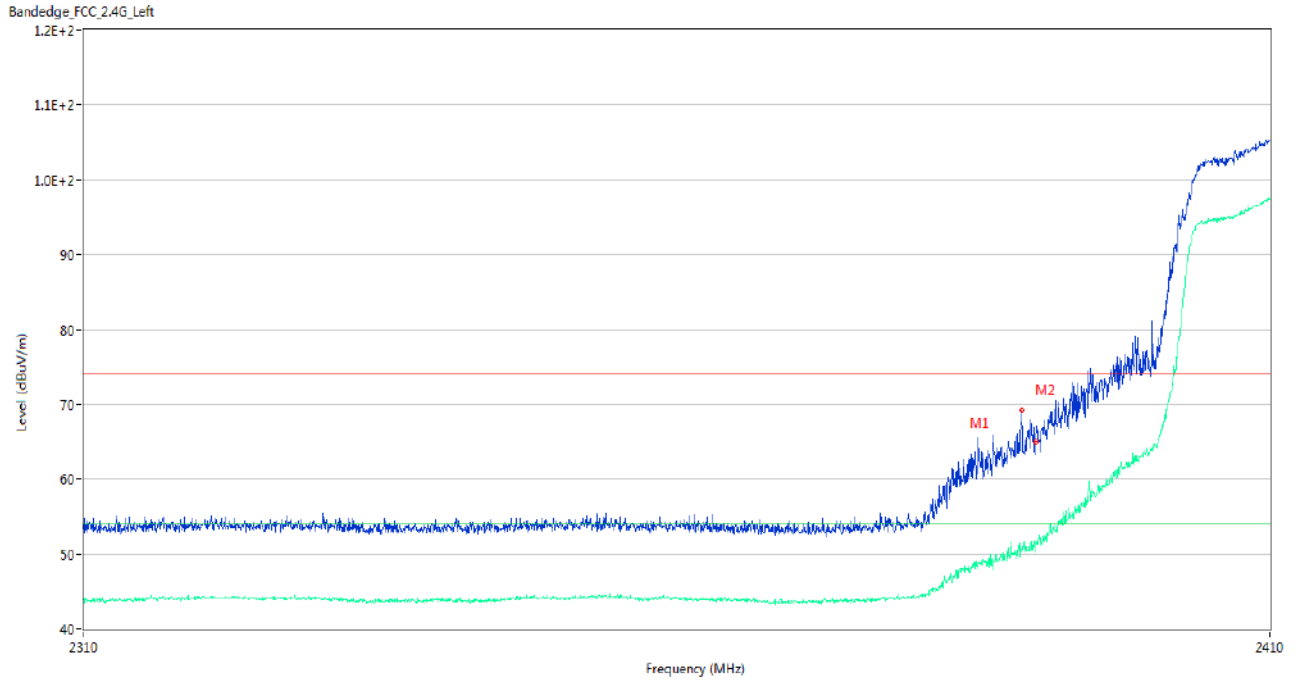
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.150	67.94	-0.62	74.0	6.06	Peak	97.00	100	Horizontal	Pass
1**	2389.150	51.72	-0.62	54.0	2.28	AV	97.00	100	Horizontal	Pass
2	2389.950	65.93	-0.59	74.0	8.07	Peak	87.00	200	Horizontal	Pass
2**	2389.950	52.32	-0.59	54.0	1.68	AV	87.00	200	Horizontal	Pass

802.11g HIGH CHANNEL



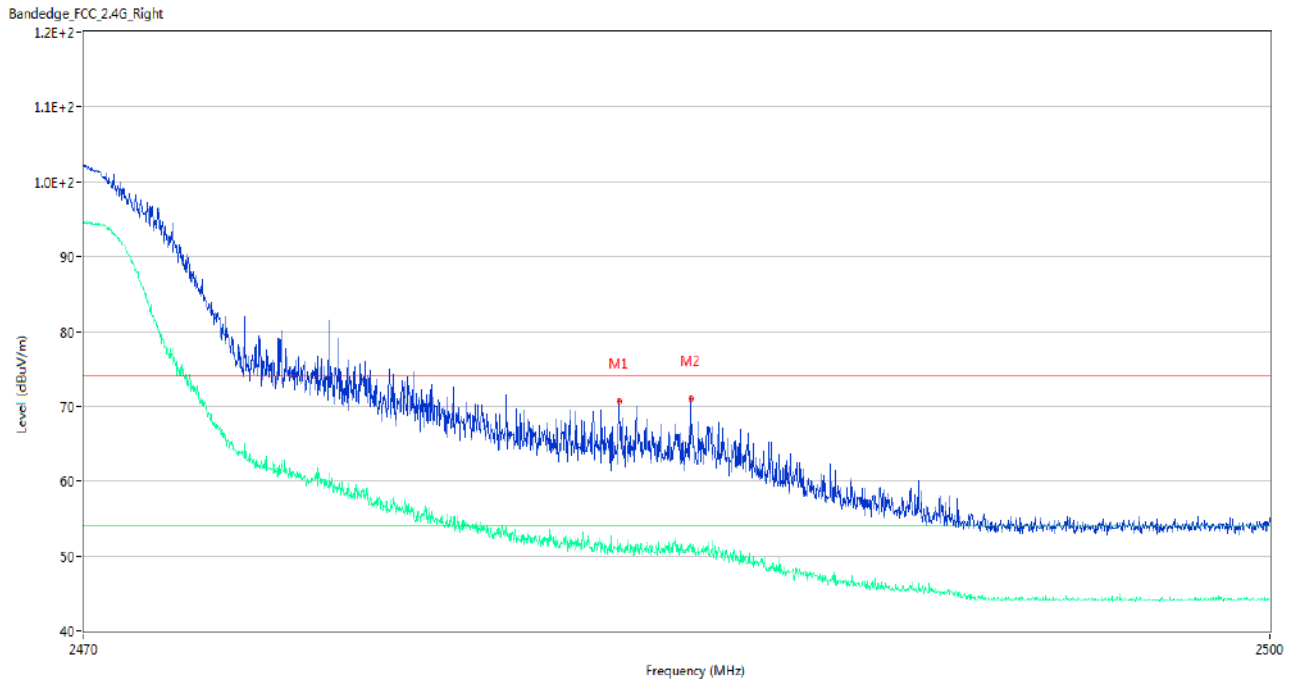
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.560	66.39	-0.06	74.0	7.61	Peak	95.00	200	Horizontal	Pass
1**	2483.560	52.18	-0.06	54.0	1.82	AV	95.00	200	Horizontal	Pass
2	2484.385	69.60	-0.13	74.0	4.40	Peak	99.00	100	Horizontal	Pass
2**	2484.385	52.29	-0.13	54.0	1.71	AV	99.00	100	Horizontal	Pass

802.11n20 LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2388.750	69.22	-0.63	74.0	4.78	Peak	41.00	150	Vertical	Pass
1**	2388.750	50.69	-0.63	54.0	3.31	AV	41.00	150	Vertical	Pass
2	2389.950	64.98	-0.59	74.0	9.02	Peak	52.00	150	Vertical	Pass
2**	2389.950	51.87	-0.59	54.0	2.13	AV	52.00	150	Vertical	Pass

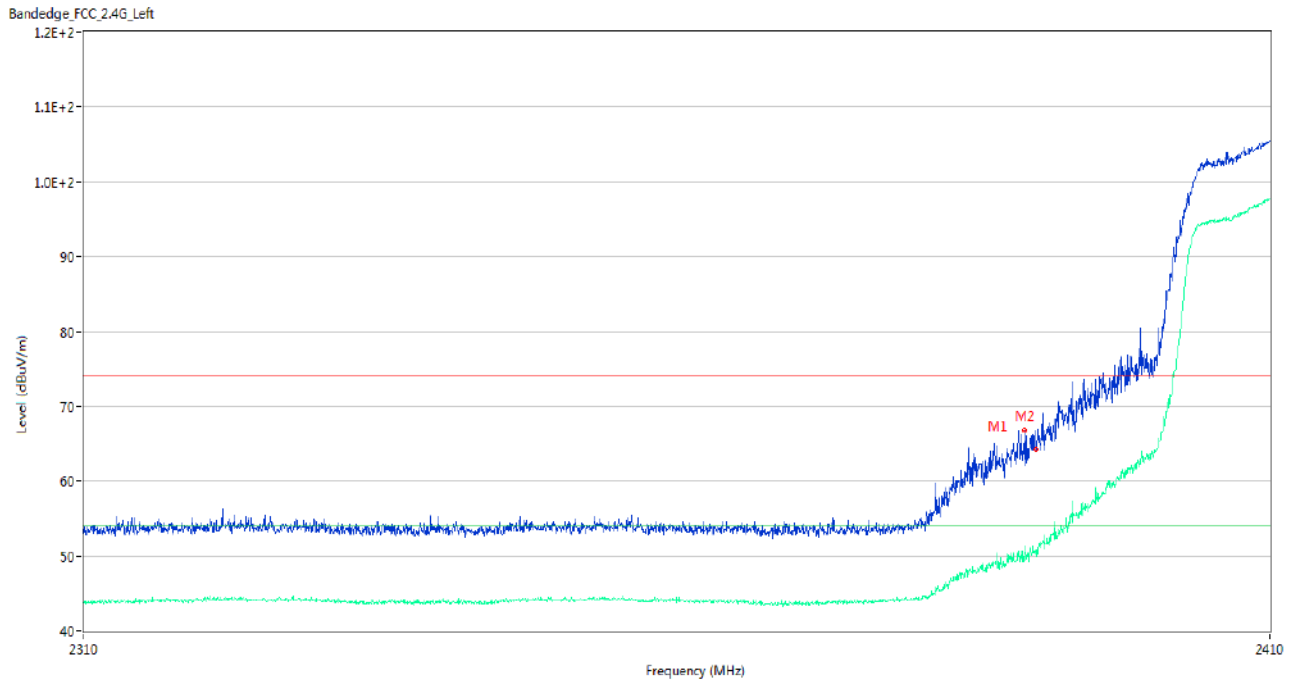
802.11n20 HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	70.70	-0.05	74.0	3.30	Peak	57.00	150	Vertical	Pass
1**	2483.500	50.65	-0.05	54.0	3.35	AV	57.00	150	Vertical	Pass
2	2485.300	71.11	-0.17	74.0	2.89	Peak	55.00	200	Vertical	Pass
2**	2485.300	51.47	-0.17	54.0	2.53	AV	55.00	200	Vertical	Pass

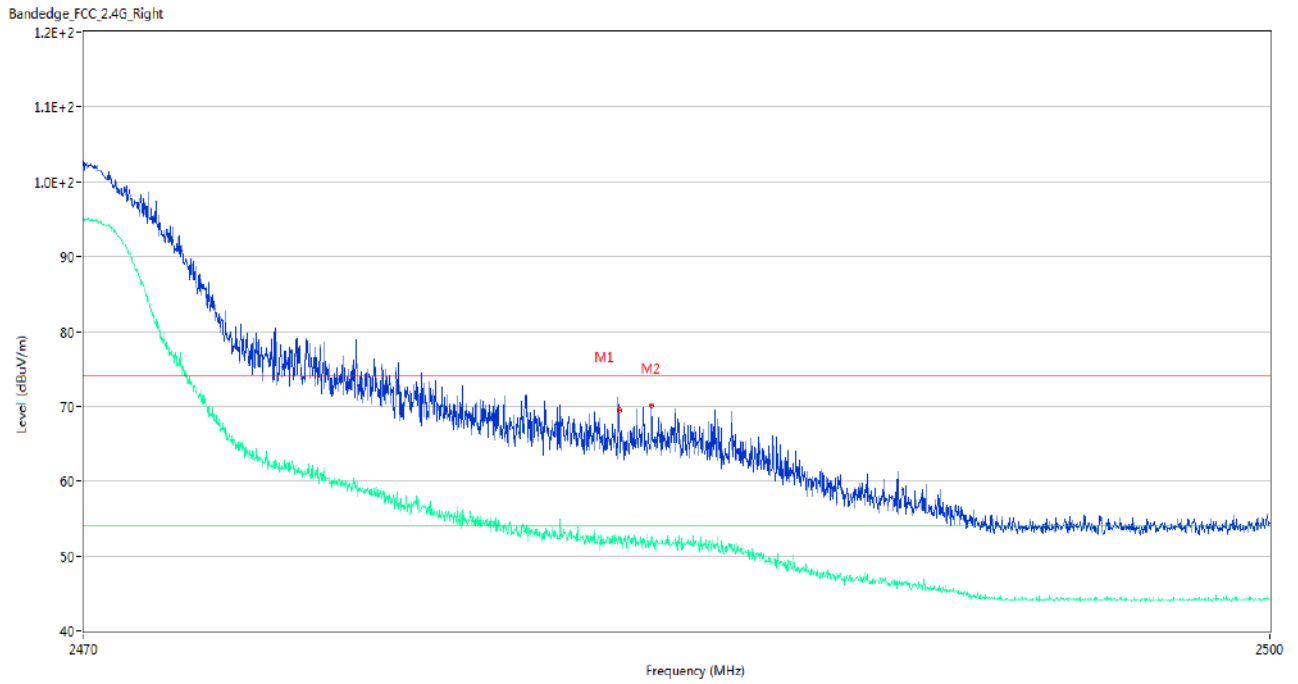


VHT-20 LOW CHANNEL



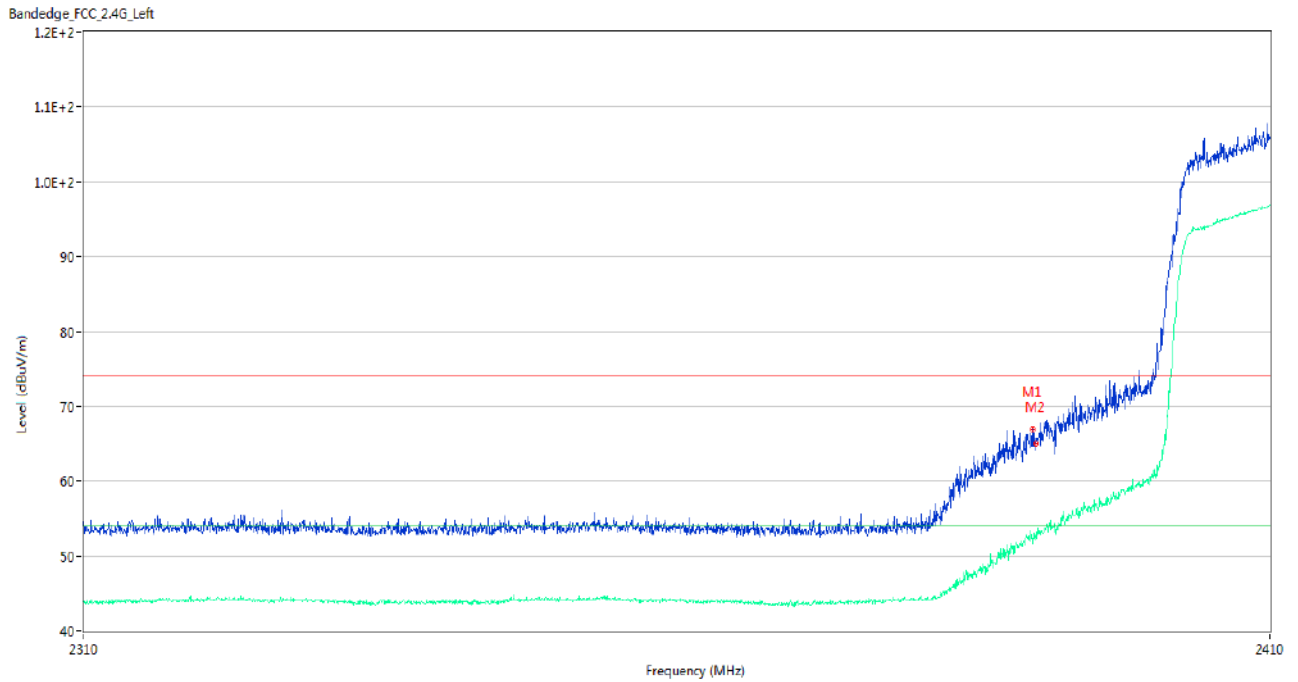
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.000	66.83	-0.62	74.0	7.17	Peak	55.00	150	Vertical	Pass
1**	2389.000	49.56	-0.62	54.0	4.44	AV	55.00	150	Vertical	Pass
2	2389.950	64.26	-0.59	74.0	9.74	Peak	90.00	100	Vertical	Pass
2**	2389.950	50.71	-0.59	54.0	3.29	AV	90.00	100	Vertical	Pass

VHT-20 HIGH CHANNEL



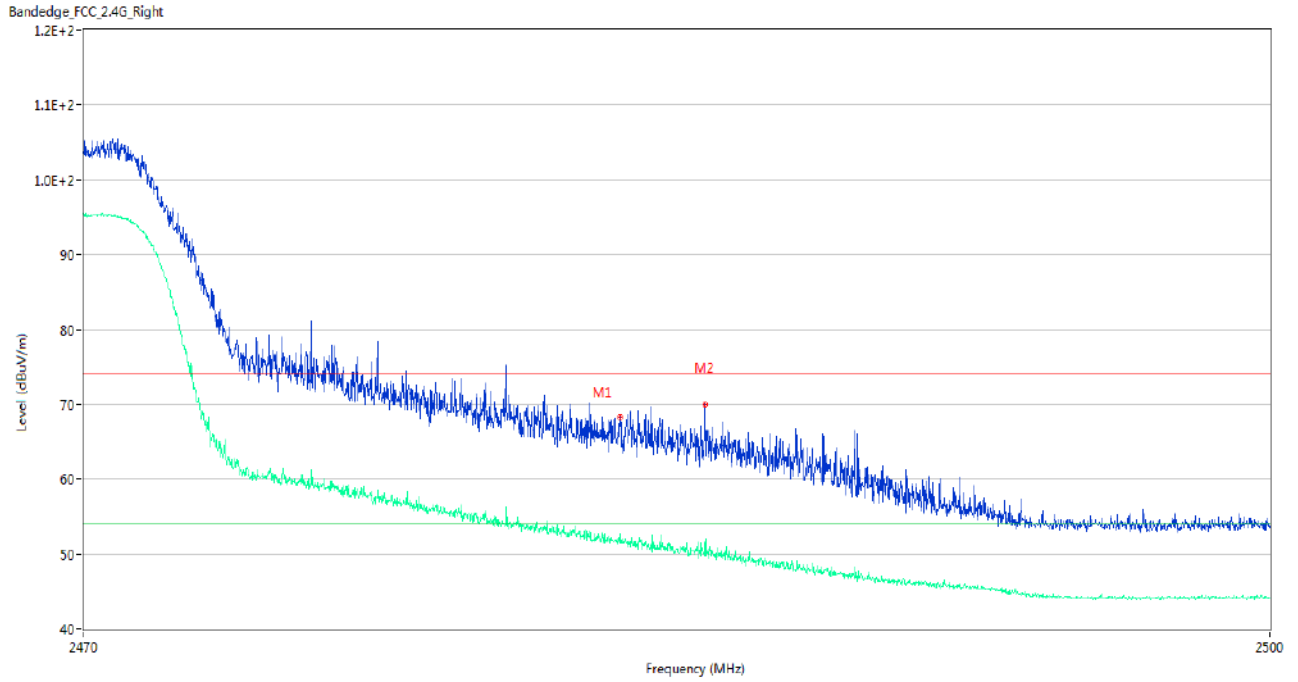
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	69.57	-0.05	74.0	4.43	Peak	71.00	100	Vertical	Pass
1**	2483.500	52.70	-0.05	54.0	1.30	AV	71.00	100	Vertical	Pass
2	2484.325	70.18	-0.13	74.0	3.82	Peak	57.00	200	Vertical	Pass
2**	2484.325	52.46	-0.13	54.0	1.54	AV	57.00	200	Vertical	Pass

802.11ax20 LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.700	66.90	-0.60	74.0	7.10	Peak	58.00	150	Vertical	Pass
1**	2389.700	51.54	-0.60	54.0	2.46	AV	58.00	150	Vertical	Pass
2	2389.950	65.00	-0.59	74.0	9.00	Peak	97.00	100	Vertical	Pass
2**	2389.950	52.32	-0.59	54.0	1.68	AV	97.00	100	Vertical	Pass

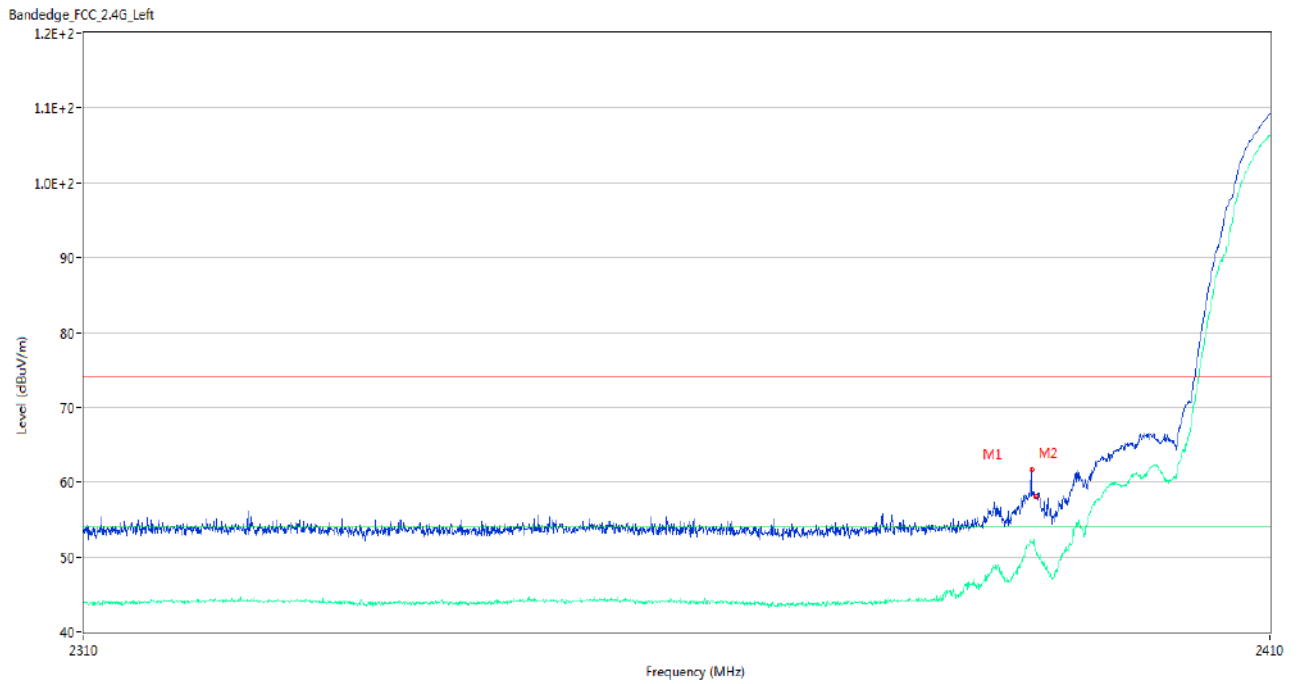
802.11ax20 HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.515	68.39	-0.05	74.0	5.61	Peak	105.00	150	Vertical	Pass
1**	2483.515	52.66	-0.05	54.0	1.34	AV	105.00	150	Vertical	Pass
2	2485.675	69.95	-0.19	74.0	4.05	Peak	65.00	100	Vertical	Pass
2**	2485.675	51.13	-0.19	54.0	2.87	AV	65.00	100	Vertical	Pass

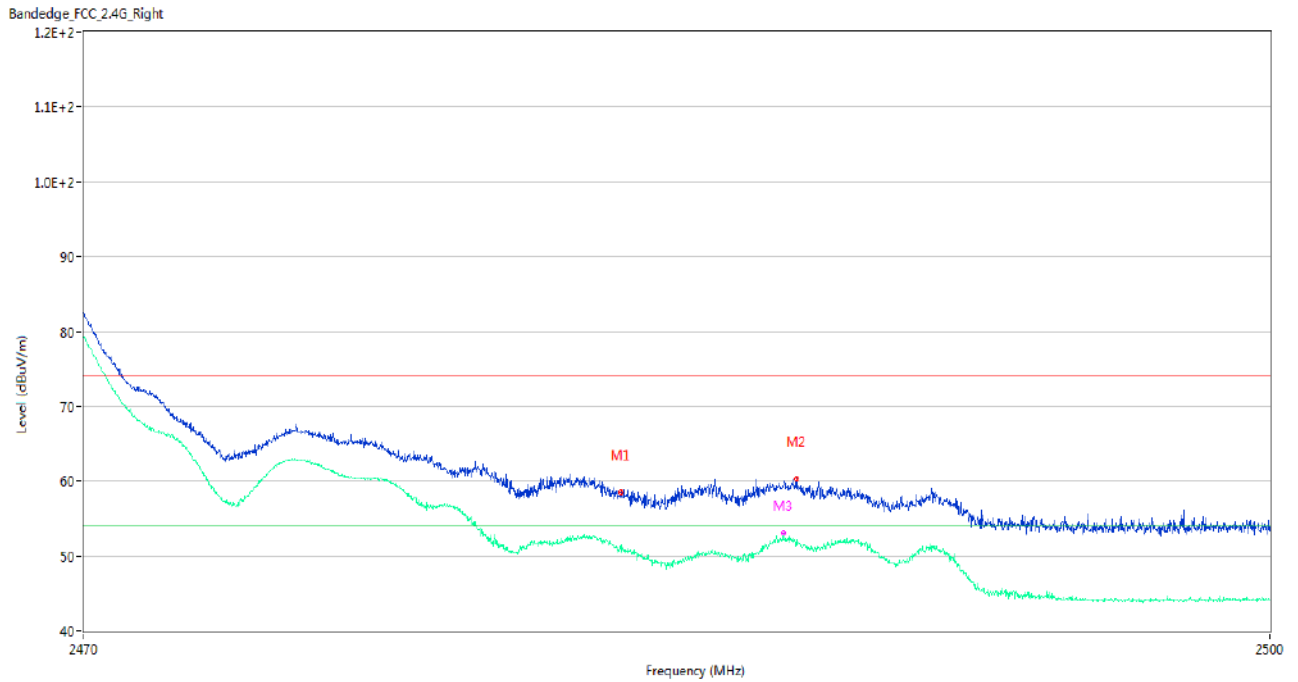
SISO-Aux. Antenna

802.11b LOW CHANNEL



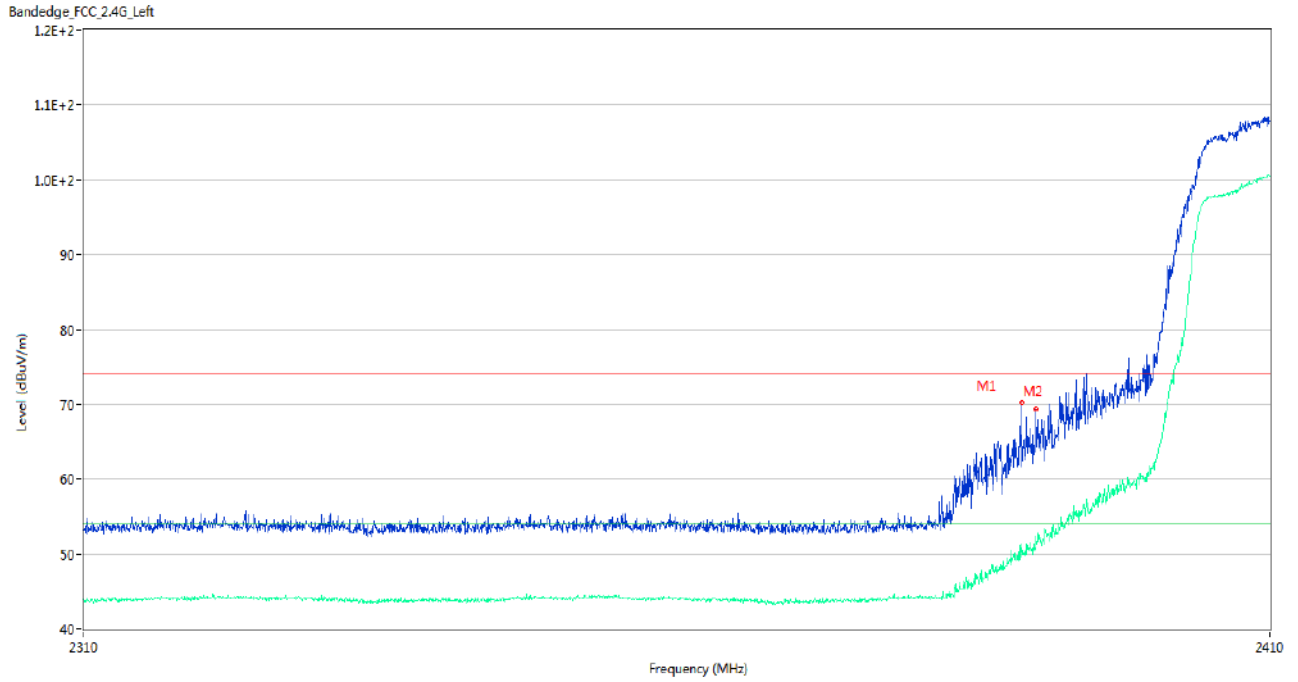
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.550	61.70	-0.60	74.0	12.30	Peak	269.00	150	Horizontal	Pass
1**	2389.550	52.04	-0.60	54.0	1.96	AV	269.00	150	Horizontal	Pass
2	2389.950	58.03	-0.59	74.0	15.97	Peak	110.00	100	Horizontal	Pass
2**	2389.950	50.99	-0.59	54.0	3.01	AV	110.00	100	Horizontal	Pass

802.11b HIGH CHANNEL



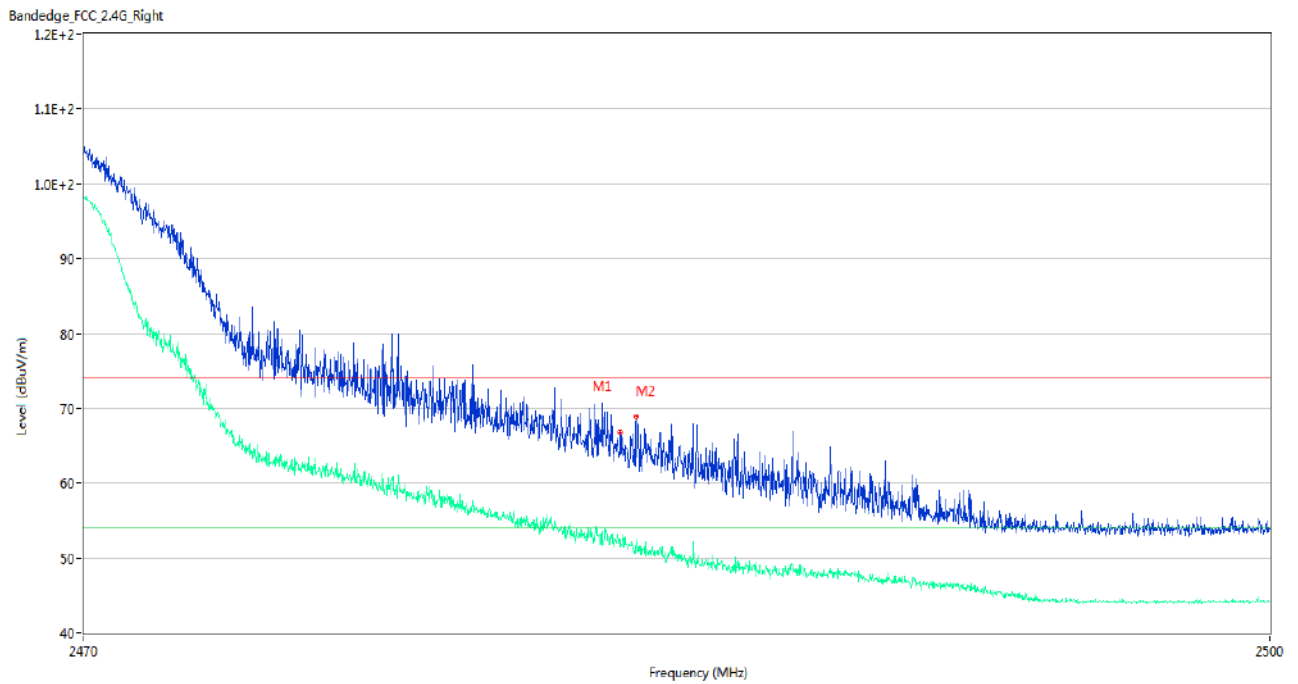
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.545	58.51	-0.06	74.0	15.49	Peak	110.00	200	Horizontal	Pass
1**	2483.545	51.45	-0.06	54.0	2.55	AV	110.00	200	Horizontal	Pass
2	2488.000	60.27	-0.11	74.0	13.73	Peak	108.00	150	Horizontal	Pass
2**	2488.000	51.50	-0.11	54.0	2.50	AV	108.00	150	Horizontal	Pass
3	2487.655	59.91	-0.13	74.0	14.09	Peak	108.00	150	Horizontal	Pass
3**	2487.655	52.96	-0.13	54.0	1.04	AV	108.00	150	Horizontal	Pass

802.11g LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2388.700	70.33	-0.63	74.0	3.67	Peak	116.00	200	Horizontal	Pass
1**	2388.700	49.60	-0.63	54.0	4.40	AV	116.00	200	Horizontal	Pass
2	2389.950	69.39	-0.59	74.0	4.61	Peak	116.00	100	Horizontal	Pass
2**	2389.950	52.36	-0.59	54.0	1.64	AV	116.00	100	Horizontal	Pass

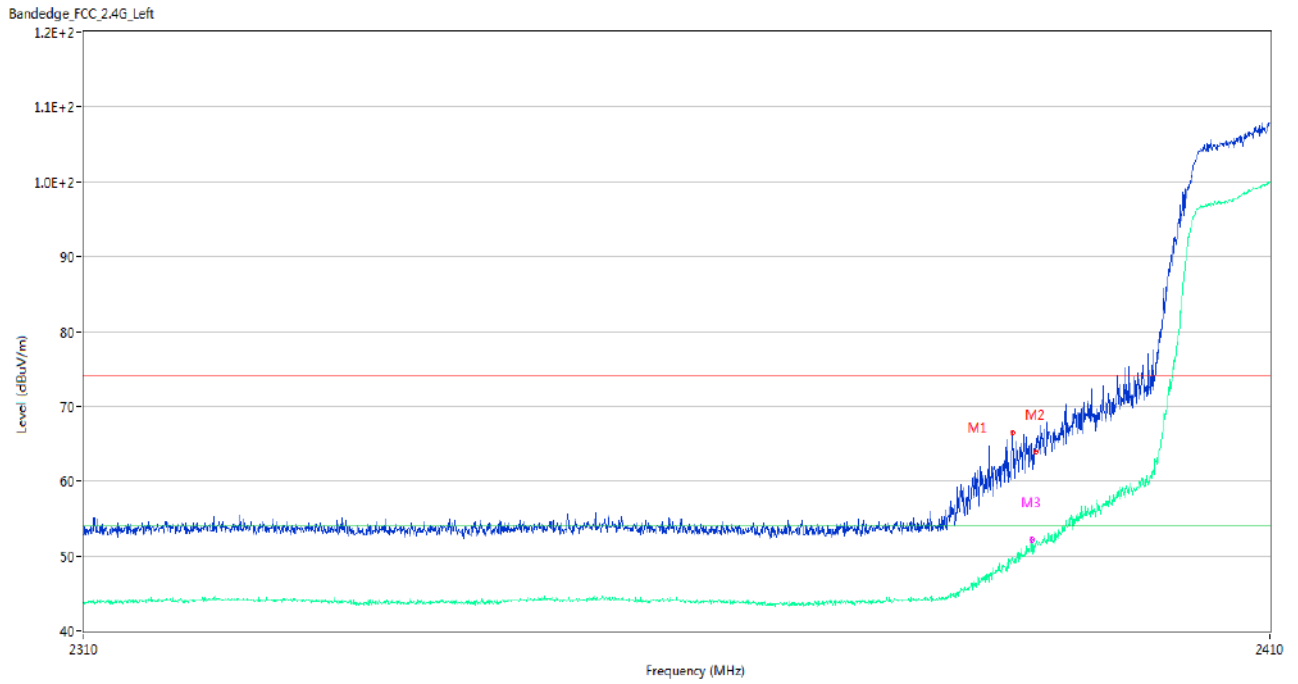
802.11g HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.530	66.80	-0.05	74.0	7.20	Peak	113.00	100	Horizontal	Pass
1**	2483.530	51.50	-0.05	54.0	2.50	AV	113.00	100	Horizontal	Pass
2	2483.935	68.88	-0.09	74.0	5.12	Peak	112.00	150	Horizontal	Pass
2**	2483.935	52.55	-0.09	54.0	1.45	AV	112.00	150	Horizontal	Pass

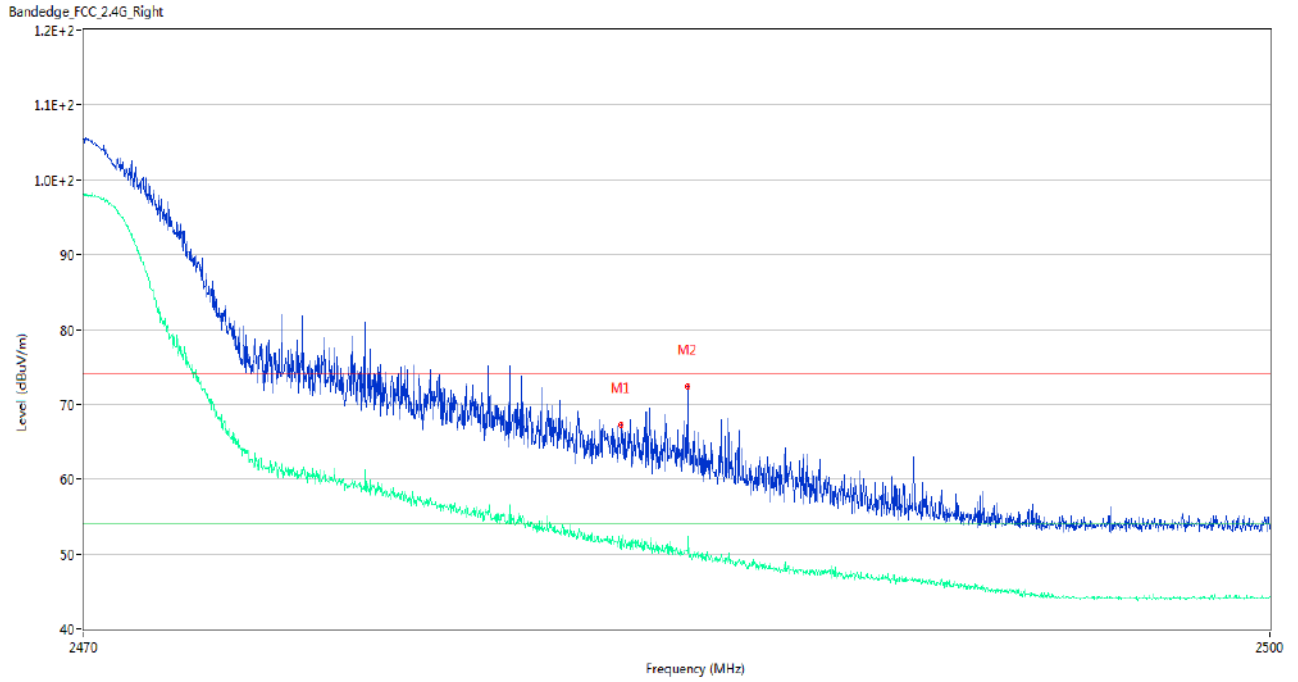


802.11n20 LOW CHANNEL



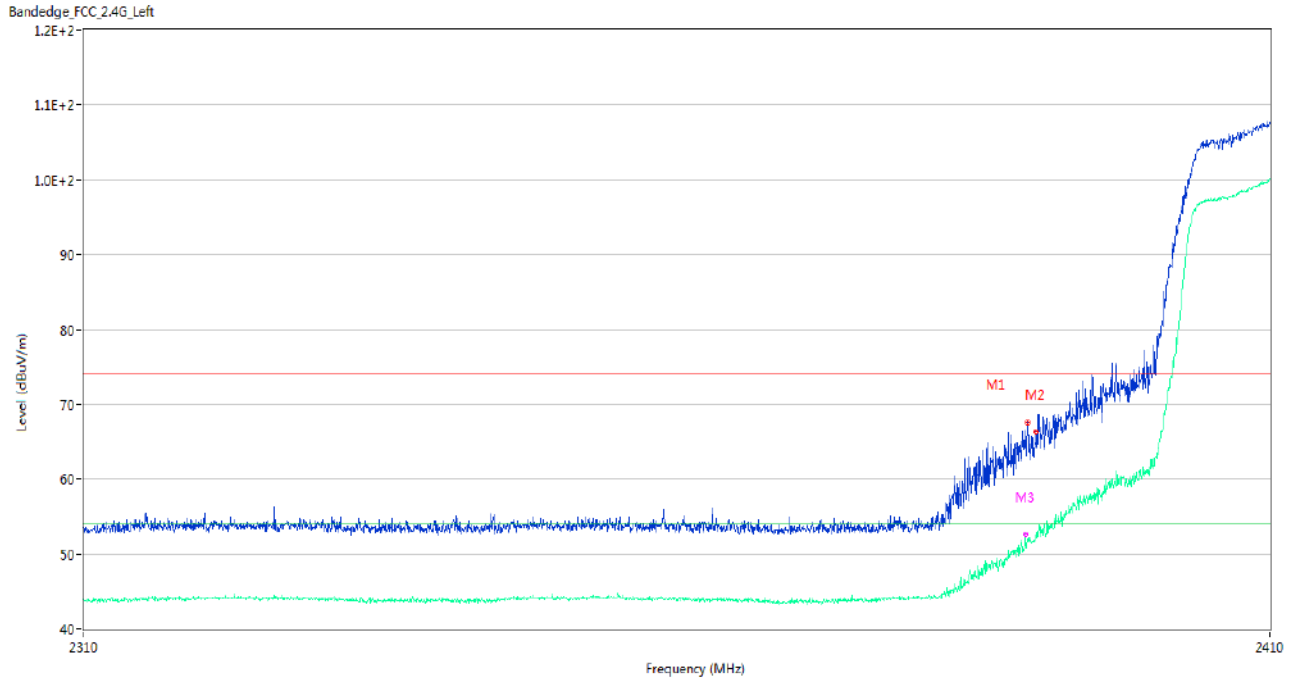
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2387.950	66.55	-0.66	74.0	7.45	Peak	105.00	200	Horizontal	Pass
1**	2387.950	49.80	-0.66	54.0	4.20	AV	105.00	200	Horizontal	Pass
2	2389.950	63.99	-0.59	74.0	10.01	Peak	112.00	100	Horizontal	Pass
2**	2389.950	51.22	-0.59	54.0	2.78	AV	112.00	100	Horizontal	Pass
3	2389.600	62.87	-0.60	74.0	11.13	Peak	119.00	150	Horizontal	Pass
3**	2389.600	52.24	-0.60	54.0	1.76	AV	119.00	150	Horizontal	Pass

802.11n20 HIGH CHANNEL



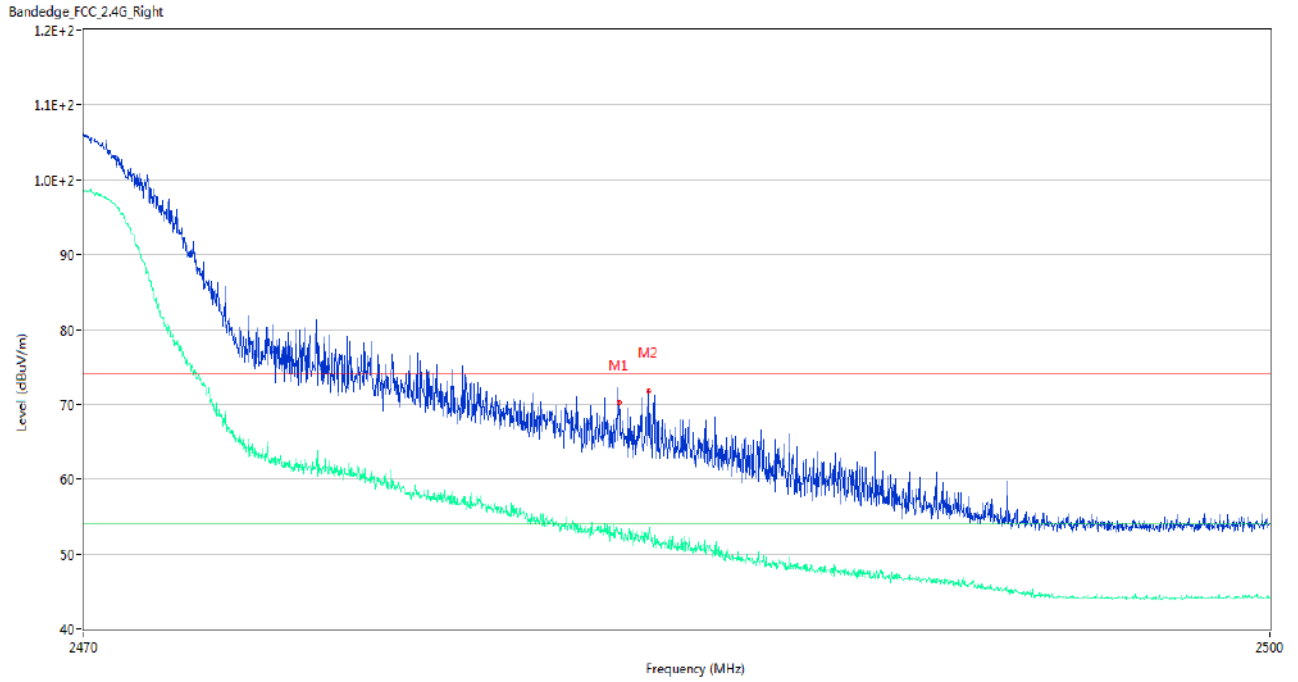
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.560	67.27	-0.06	74.0	6.73	Peak	107.00	200	Horizontal	Pass
1**	2483.560	51.60	-0.06	54.0	2.40	AV	107.00	200	Horizontal	Pass
2	2485.225	72.34	-0.17	74.0	1.66	Peak	109.00	150	Horizontal	Pass
2**	2485.225	50.05	-0.17	54.0	3.95	AV	109.00	150	Horizontal	Pass

VHT-20 LOW CHANNEL



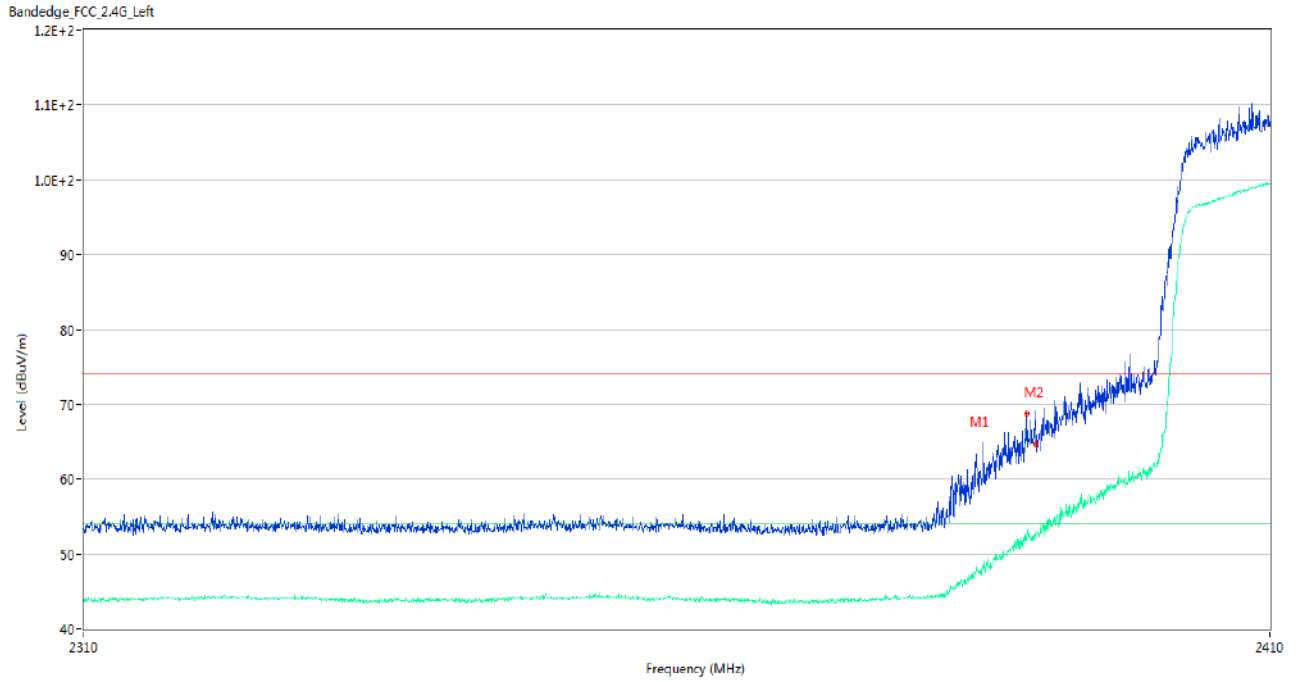
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.250	67.51	-0.61	74.0	6.49	Peak	115.00	150	Horizontal	Pass
1**	2389.250	52.00	-0.61	54.0	2.00	AV	115.00	150	Horizontal	Pass
2	2389.950	66.37	-0.59	74.0	7.63	Peak	106.00	200	Horizontal	Pass
2**	2389.950	52.02	-0.59	54.0	1.98	AV	106.00	200	Horizontal	Pass
3	2389.050	64.27	-0.62	74.0	9.73	Peak	106.00	150	Horizontal	Pass
3**	2389.050	52.64	-0.62	54.0	1.36	AV	106.00	150	Horizontal	Pass

VHT-20 HIGH CHANNEL



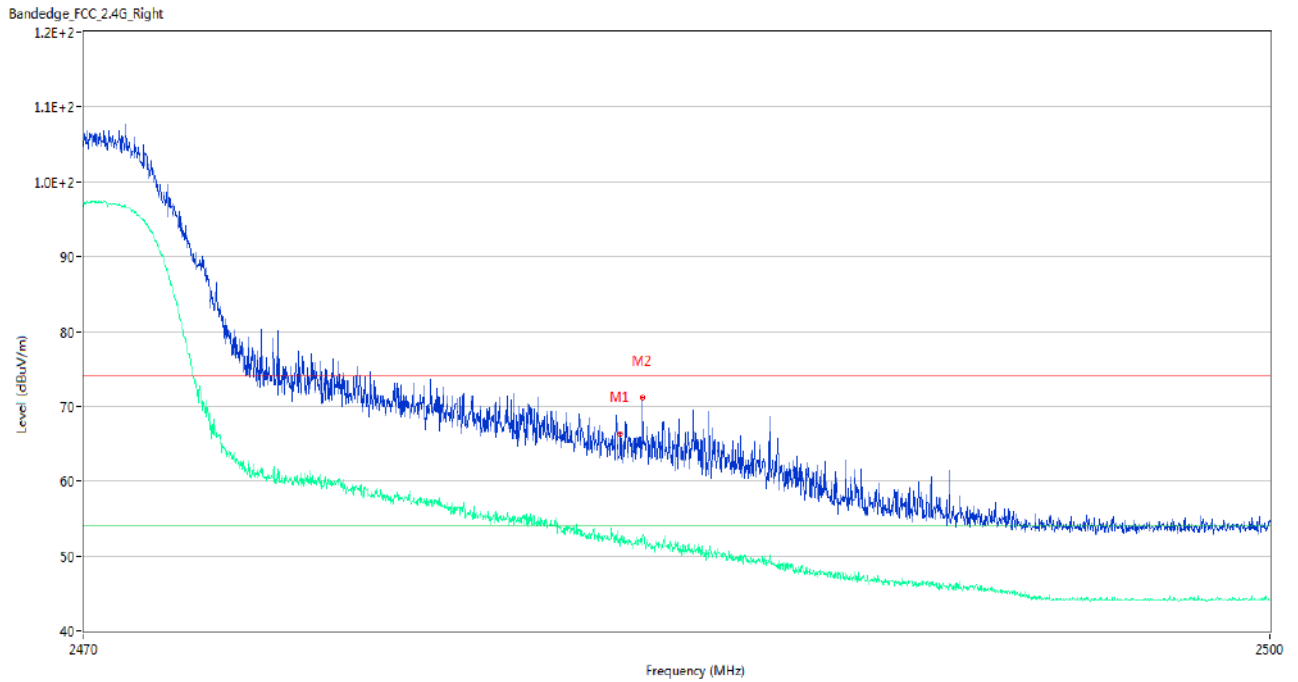
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	70.28	-0.05	74.0	3.72	Peak	105.00	100	Horizontal	Pass
1**	2483.500	52.66	-0.05	54.0	1.34	AV	105.00	100	Horizontal	Pass
2	2484.250	71.84	-0.12	74.0	2.16	Peak	109.00	100	Horizontal	Pass
2**	2484.250	52.01	-0.12	54.0	1.99	AV	109.00	100	Horizontal	Pass

802.11ax20 LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.200	68.74	-0.62	74.0	5.26	Peak	107.00	100	Horizontal	Pass
1**	2389.200	51.87	-0.62	54.0	2.13	AV	107.00	100	Horizontal	Pass
2	2389.950	64.74	-0.59	74.0	9.26	Peak	100.00	150	Horizontal	Pass
2**	2389.950	52.45	-0.59	54.0	1.55	AV	100.00	150	Horizontal	Pass

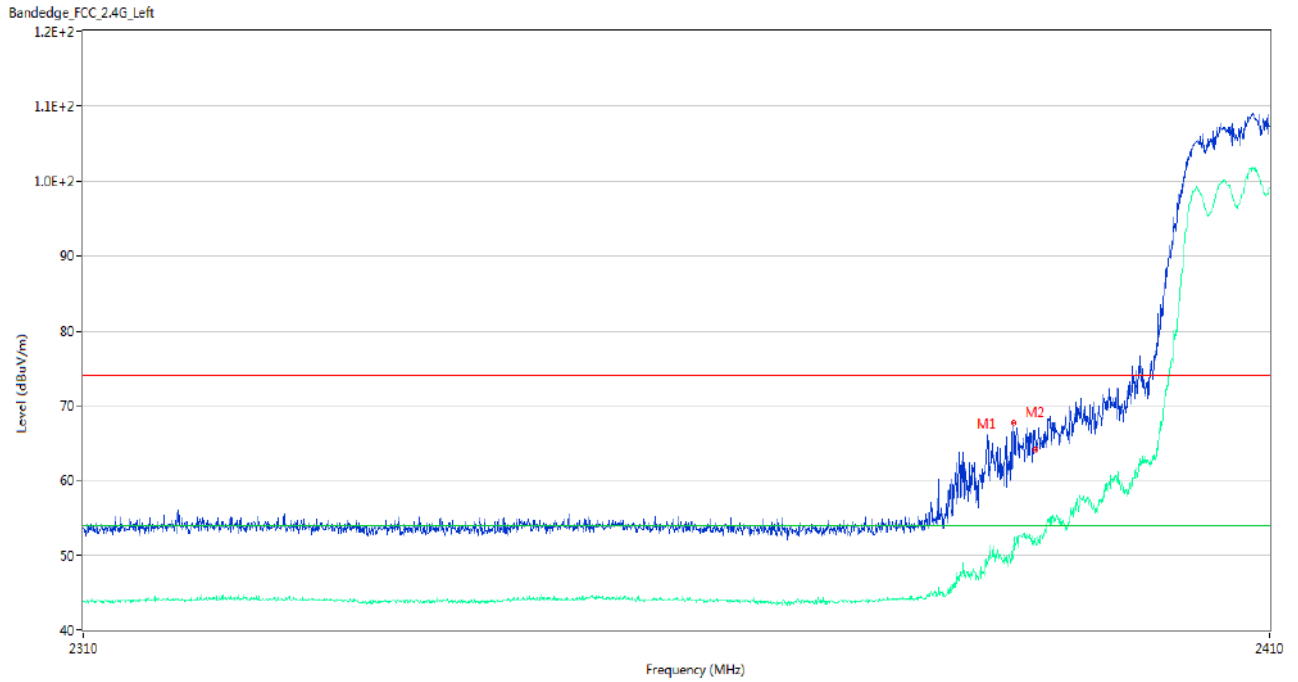
802.11 ax20 HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.530	66.35	-0.05	74.0	7.65	Peak	105.00	200	Horizontal	Pass
1**	2483.530	52.43	-0.05	54.0	1.57	AV	105.00	200	Horizontal	Pass
2	2484.100	71.12	-0.11	74.0	2.88	Peak	104.00	150	Horizontal	Pass
2**	2484.100	52.03	-0.11	54.0	1.97	AV	104.00	150	Horizontal	Pass

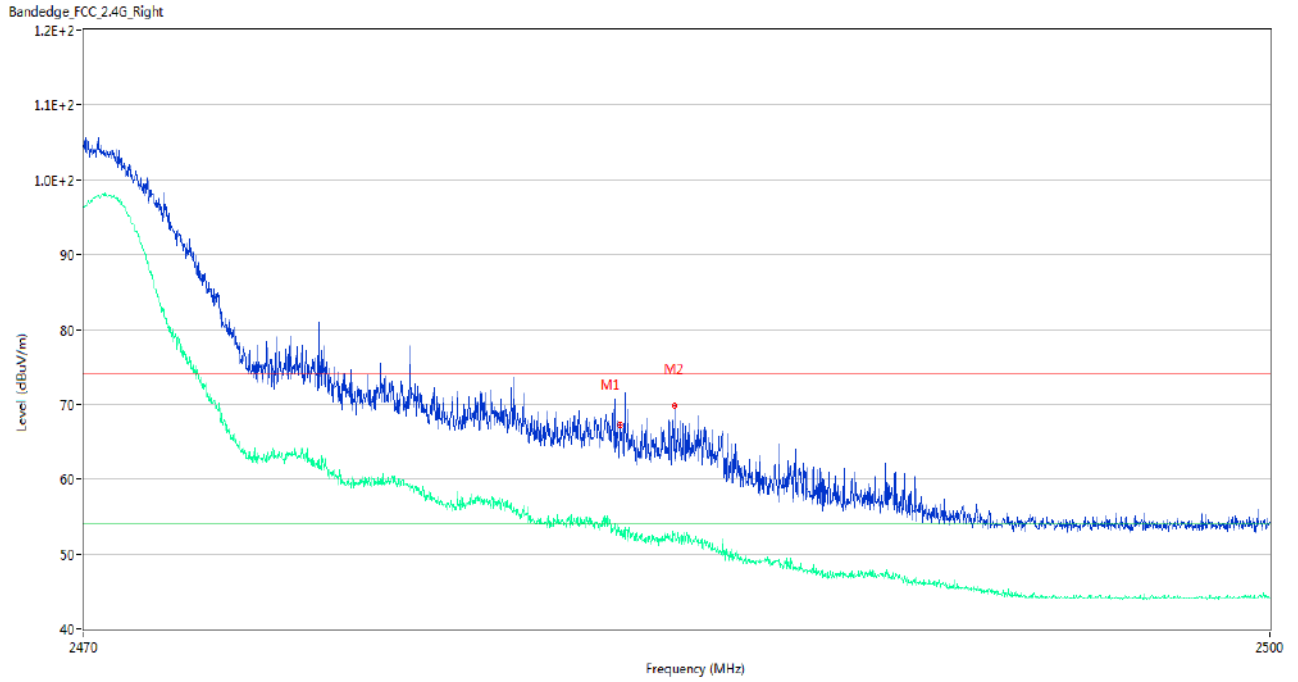
MIMO Antenna

802.11n20 LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2388.050	67.69	-0.65	74.0	6.31	Peak	115.00	100	Horizontal	Pass
1**	2388.050	50.36	-0.65	54.0	3.64	AV	115.00	100	Horizontal	Pass
2	2389.950	64.03	-0.59	74.0	9.97	Peak	110.00	200	Horizontal	Pass
2**	2389.950	51.27	-0.59	54.0	2.73	AV	110.00	200	Horizontal	Pass

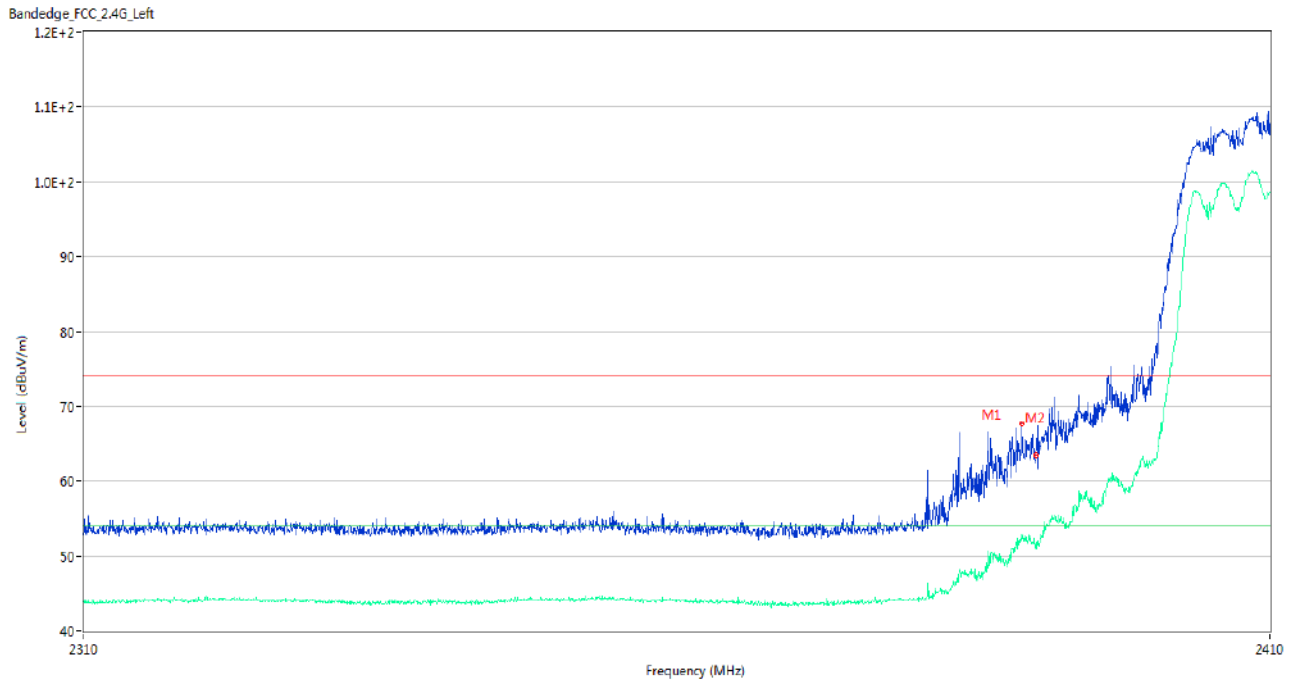
802.11n20 HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.515	67.20	-0.05	74.0	6.80	Peak	112.00	150	Horizontal	Pass
1**	2483.515	52.57	-0.05	54.0	1.43	AV	112.00	150	Horizontal	Pass
2	2484.895	69.81	-0.15	74.0	4.19	Peak	105.00	150	Horizontal	Pass
2**	2484.895	52.37	-0.15	54.0	1.63	AV	105.00	150	Horizontal	Pass

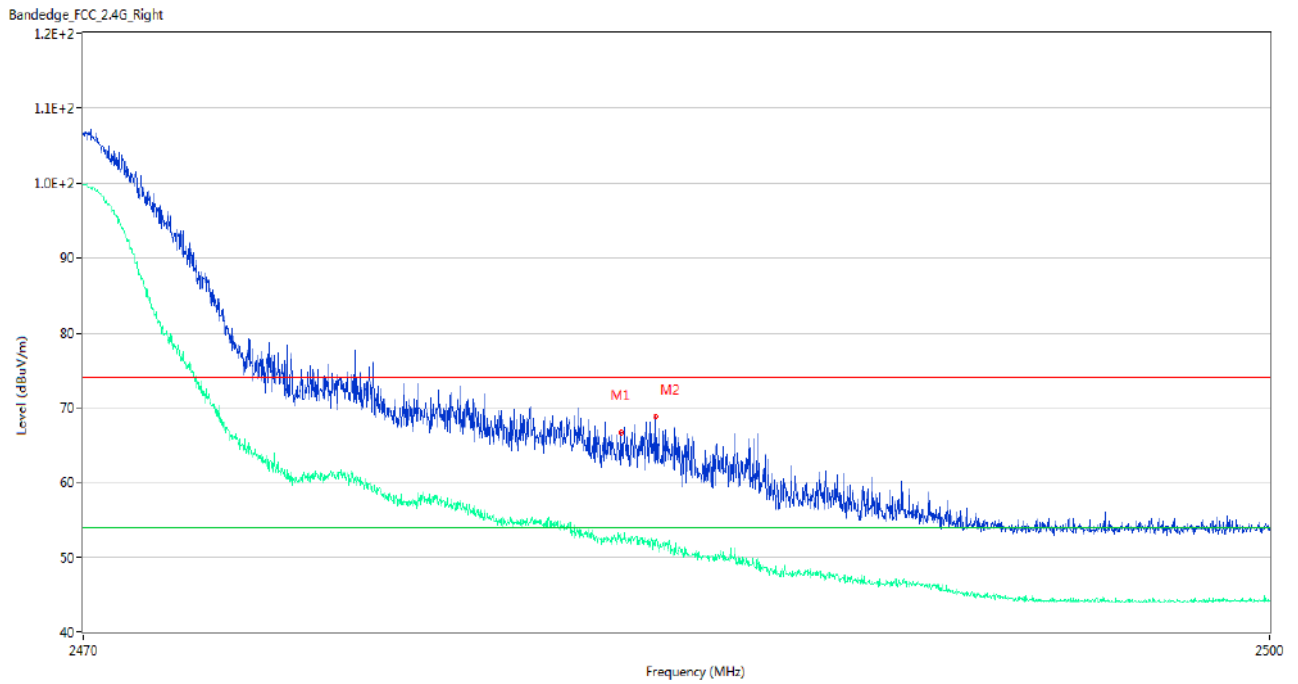


VHT-20 LOW CHANNEL



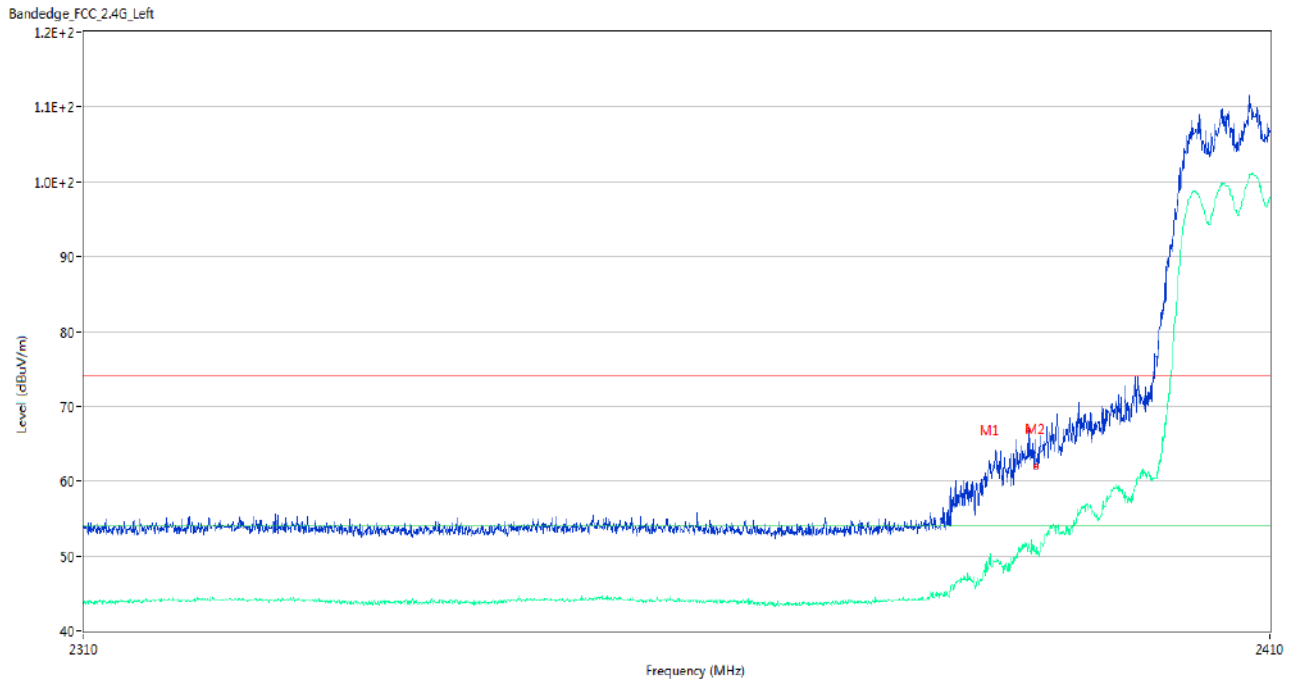
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2388.750	67.65	-0.63	74.0	6.35	Peak	116.00	200	Horizontal	Pass
1**	2388.750	52.90	-0.63	54.0	1.10	AV	116.00	200	Horizontal	Pass
2	2389.950	63.44	-0.59	74.0	10.56	Peak	106.00	150	Horizontal	Pass
2**	2389.950	51.20	-0.59	54.0	2.80	AV	106.00	150	Horizontal	Pass

VHT-20 HIGH CHANNEL



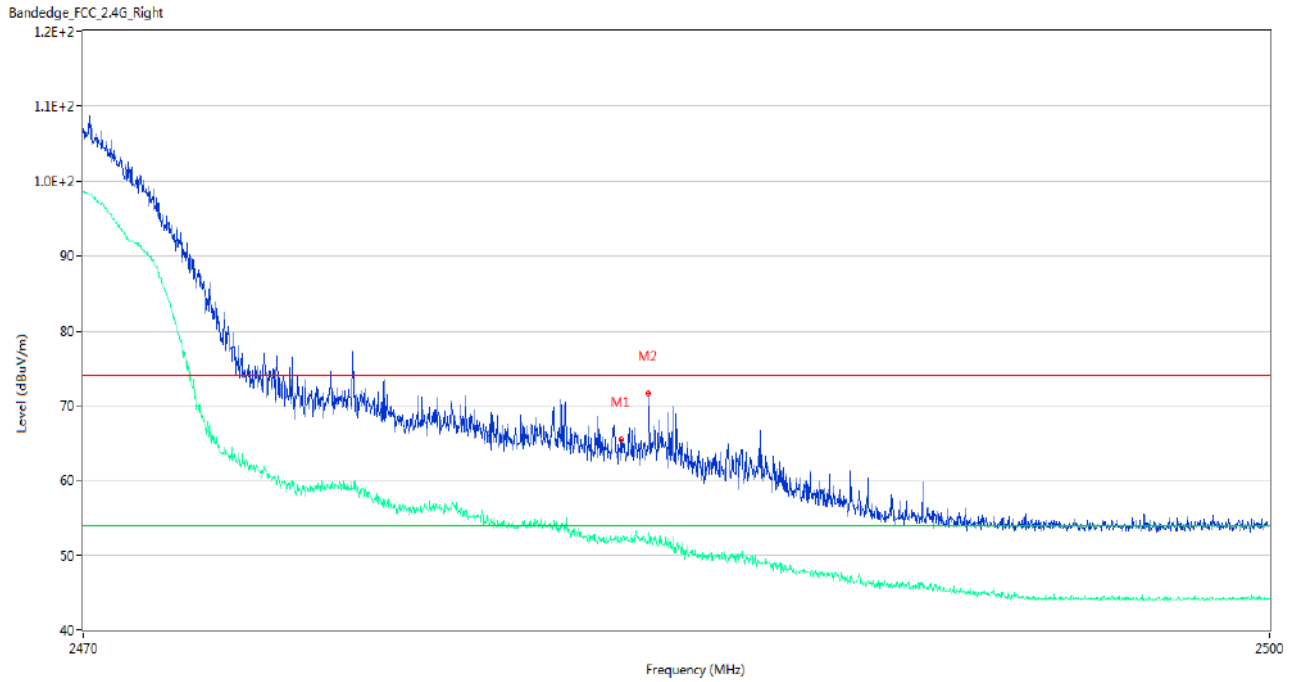
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.560	66.68	-0.06	74.0	7.32	Peak	128.00	100	Horizontal	Pass
1**	2483.560	52.10	-0.06	54.0	1.90	AV	128.00	100	Horizontal	Pass
2	2484.430	68.74	-0.13	74.0	5.26	Peak	112.00	100	Horizontal	Pass
2**	2484.430	51.67	-0.13	54.0	2.33	AV	112.00	100	Horizontal	Pass

802.11ax20 LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.300	66.75	-0.61	74.0	7.25	Peak	111.00	150	Horizontal	Pass
1**	2389.300	51.54	-0.61	54.0	2.46	AV	111.00	150	Horizontal	Pass
2	2389.950	62.03	-0.59	74.0	11.97	Peak	27.00	100	Horizontal	Pass
2**	2389.950	50.32	-0.59	54.0	3.68	AV	27.00	100	Horizontal	Pass

802.11 ax20 HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.545	65.42	-0.06	74.0	8.58	Peak	108.00	200	Horizontal	Pass
1**	2483.545	52.35	-0.06	54.0	1.65	AV	108.00	200	Horizontal	Pass
2	2484.250	71.67	-0.12	74.0	2.33	Peak	108.00	100	Horizontal	Pass
2**	2484.250	52.40	-0.12	54.0	1.60	AV	108.00	100	Horizontal	Pass

## A.8 Power Spectral Density (PSD)

Note: The 802.11ax mode of the EUT only support full RU size configuration.

### Test Data

#### SISO-Main Antenna

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-6.45	8
Middle	-6.37	8
High	-5.02	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-8.72	8
Middle	-8.89	8
High	-10.07	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-9.37	8
Middle	-8.07	8
High	-8.99	8

VHT-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-9.13	8
Middle	-10.10	8
High	-10.04	8

802.11ax-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-10.87	8
Middle	-10.45	8
High	-12.46	8

SISO-Aux. Antenna

## 802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-7.04	8
Middle	-3.93	8
High	-5.20	8

## 802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-11.95	8
Middle	-9.62	8
High	-11.86	8

## 802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-12.45	8
Middle	-10.18	8
High	-12.58	8

## VHT-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-11.36	8
Middle	-9.45	8
High	-11.69	8

## 802.11ax-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-14.04	8
Middle	-11.40	8
High	-14.49	8

MIMO-Main Antenna

## 802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-12.985	8
Middle	-10.508	8
High	-11.743	8

## VHT-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-11.971	8
Middle	-8.630	8
High	-12.656	8

## 802.11ax-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-13.571	8
Middle	-9.745	8
High	-14.246	8

MIMO-Aux. Antenna

## 802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-10.99	8
Middle	-9.57	8
High	-12.96	8

## VHT-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-12.68	8
Middle	-9.61	8
High	-11.99	8

## 802.11ax-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-13.34	8
Middle	-9.82	8
High	-15.17	8



MIMO Antenna

## 802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-8.86	8
Middle	-7.00	8
High	-9.30	8

## VHT-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-9.30	8
Middle	-6.08	8
High	-9.30	8

## 802.11ax-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-10.44	8
Middle	-6.77	8
High	-11.67	8

Test Plots

SISO-Main Antenna

802.11b LOW CHANNEL



802.11b MIDDLE CHANNEL



802.11b HIGH CHANNEL



802.11g LOW CHANNEL



802.11g MIDDLE CHANNEL



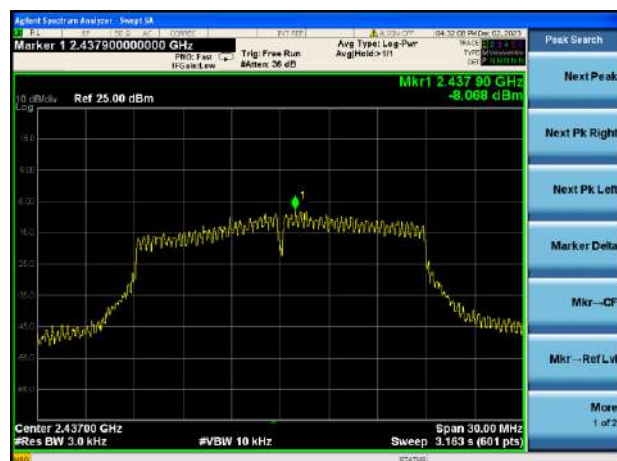
802.11g HIGH CHANNEL



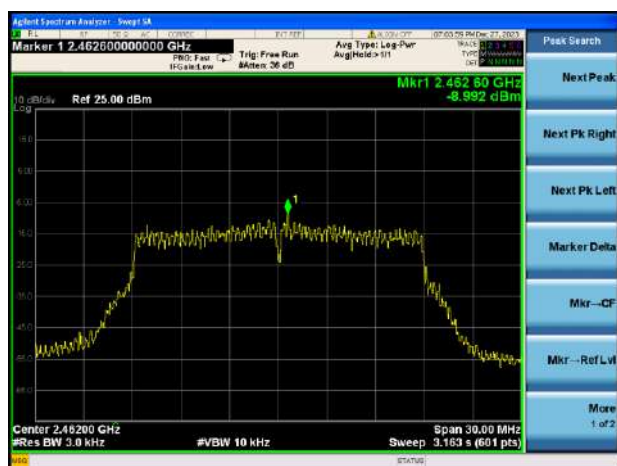
802.11n-20 MHz LOW CHANNEL



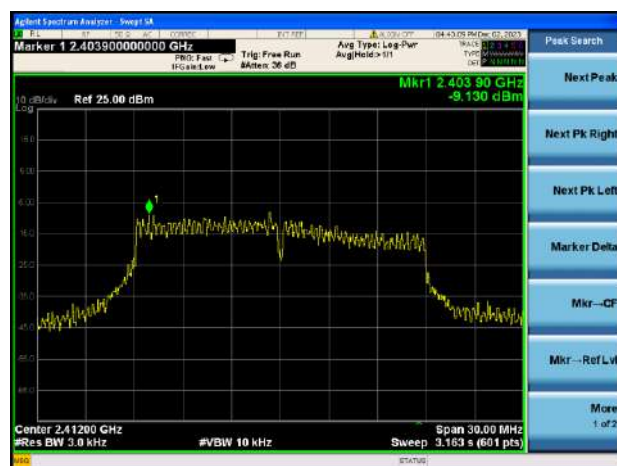
802.11n-20 MHz MIDDLE CHANNEL



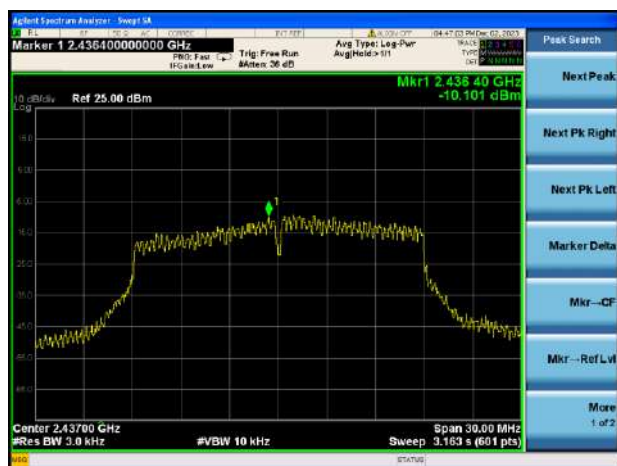
802.11n-20 MHz HIGH CHANNEL



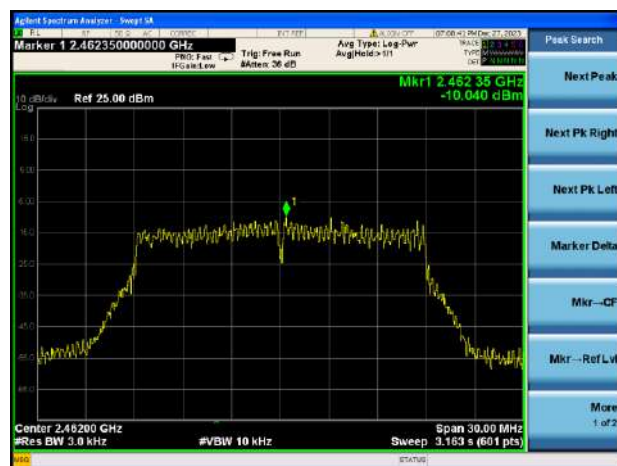
VHT-20 MHz LOW CHANNEL



VHT-20 MHz MIDDLE CHANNEL

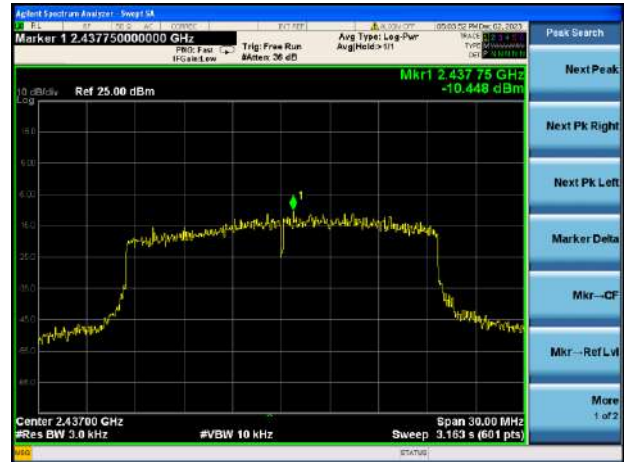


VHT-20 MHz HIGH CHANNEL

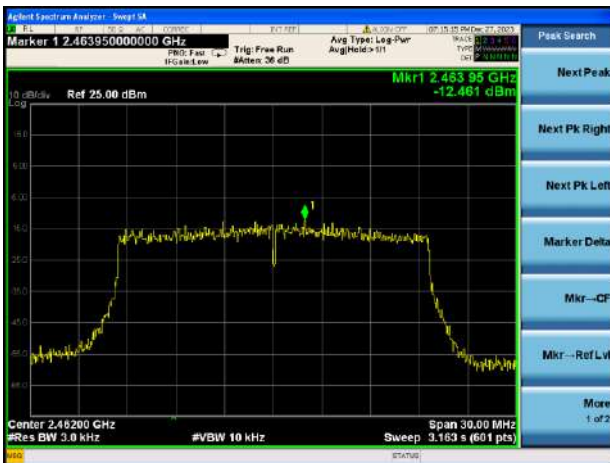


802.11ax-20 MHz LOW CHANNEL

802.11ax-20 MHz MIDDLE CHANNEL



802.11ax-20 MHz HIGH CHANNEL



SISO-Aux. Antenna

802.11b LOW CHANNEL



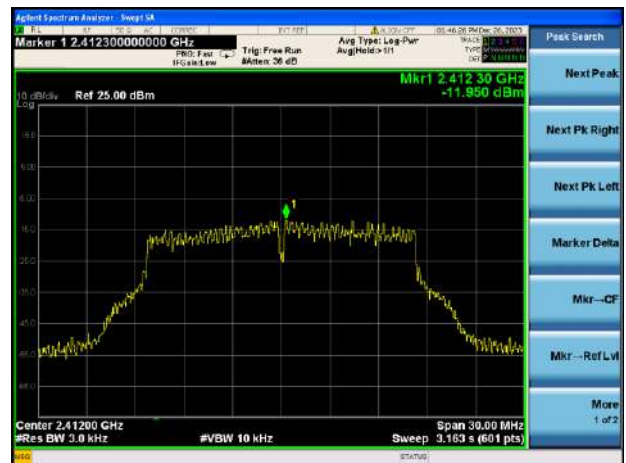
802.11b MIDDLE CHANNEL



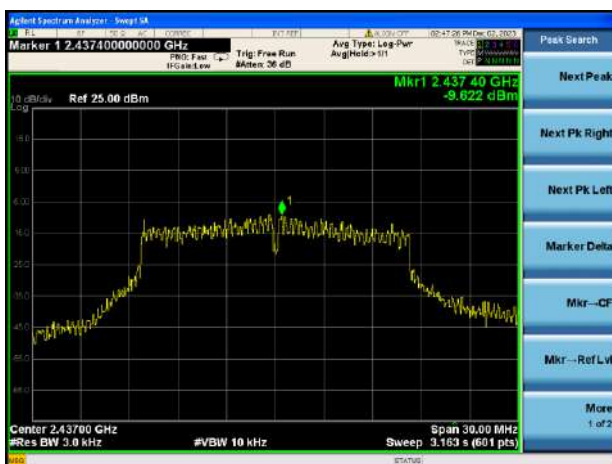
802.11b HIGH CHANNEL



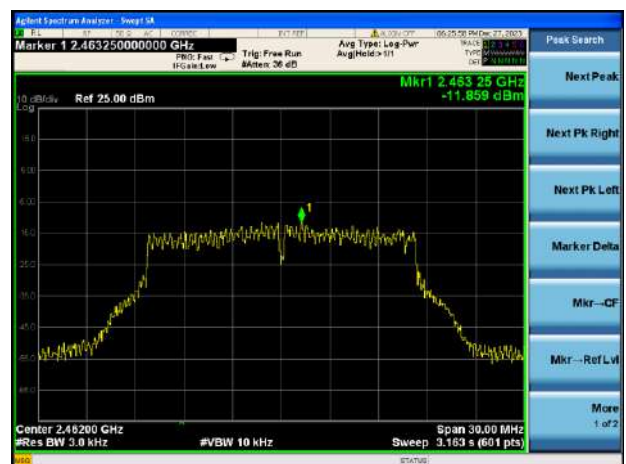
802.11g LOW CHANNEL



802.11g MIDDLE CHANNEL



802.11g HIGH CHANNEL



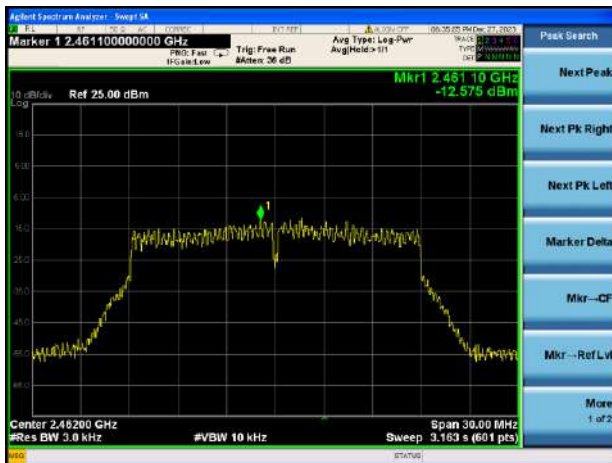
802.11n-20 MHz LOW CHANNEL



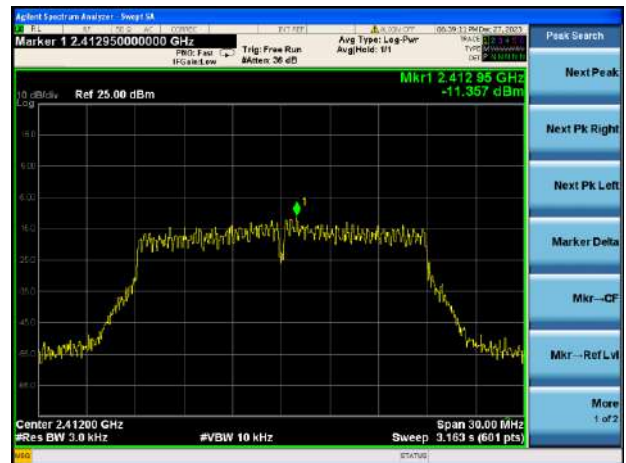
802.11n-20 MHz MIDDLE CHANNEL



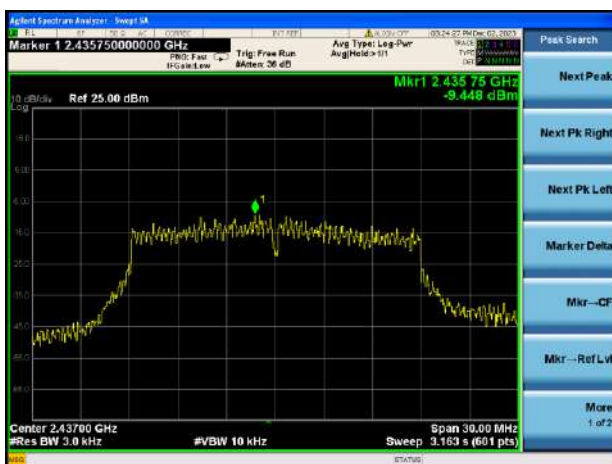
802.11n-20 MHz HIGH CHANNEL



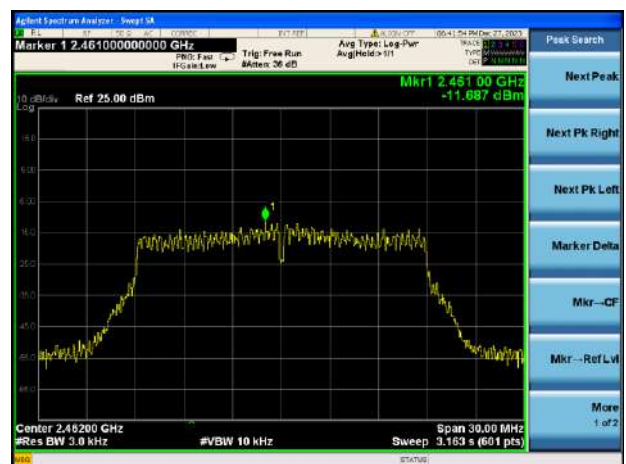
VHT-20 MHz LOW CHANNEL



VHT-20 MHz MIDDLE CHANNEL



VHT-20 MHz HIGH CHANNEL



802.11ax-20 MHz LOW CHANNEL

802.11ax-20 MHz MIDDLE CHANNEL



802.11ax-20 MHz HIGH CHANNEL



MIMO-Main Antenna

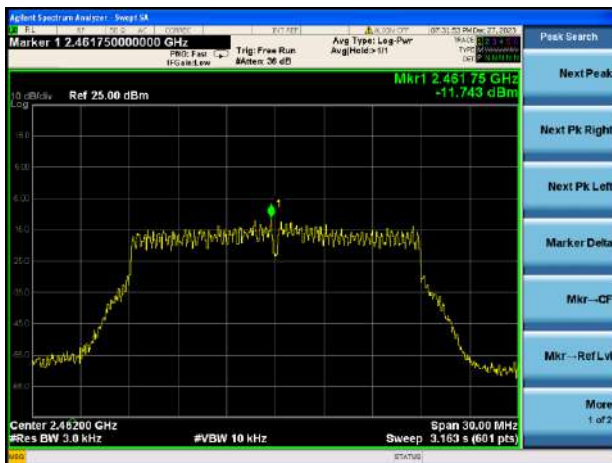
802.11n-20 MHz LOW CHANNEL



802.11n-20 MHz MIDDLE CHANNEL



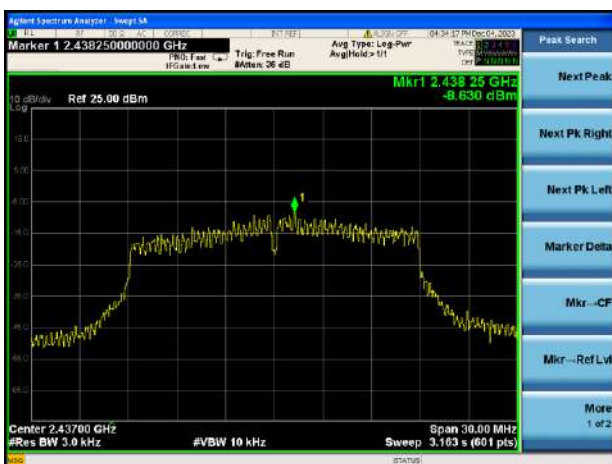
802.11n-20 MHz HIGH CHANNEL



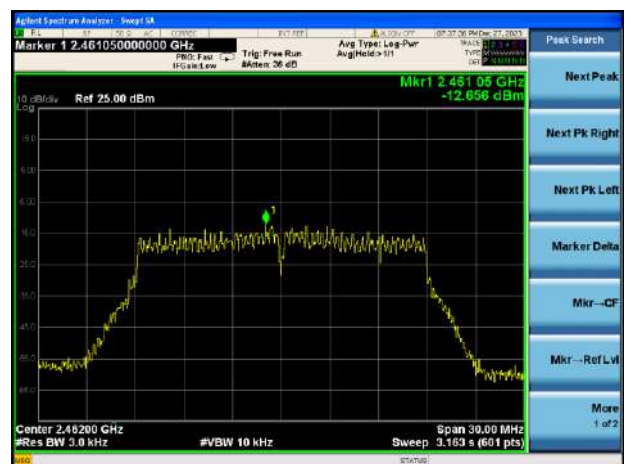
VHT-20 MHz LOW CHANNEL



VHT-20 MHz MIDDLE CHANNEL



VHT-20 MHz HIGH CHANNEL





802.11ax-20 MHz LOW CHANNEL

802.11ax-20 MHz MIDDLE CHANNEL

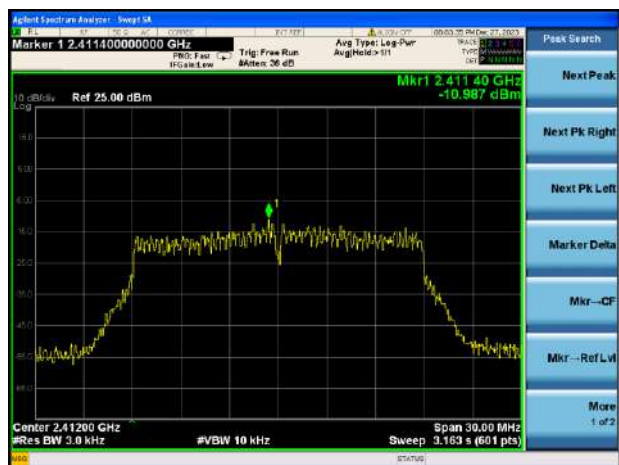


802.11ax-20 MHz HIGH CHANNEL

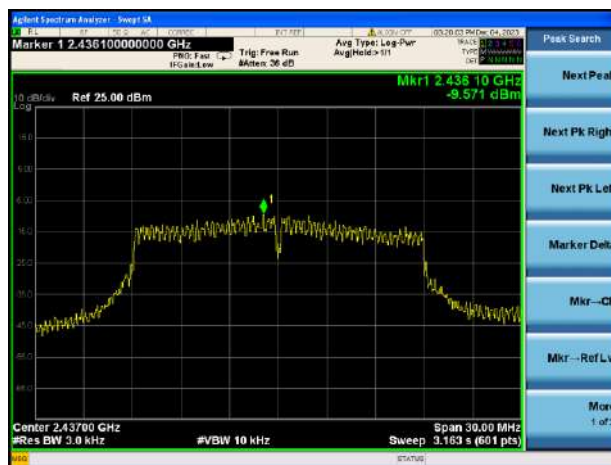


MIMO-Aux. Antenna

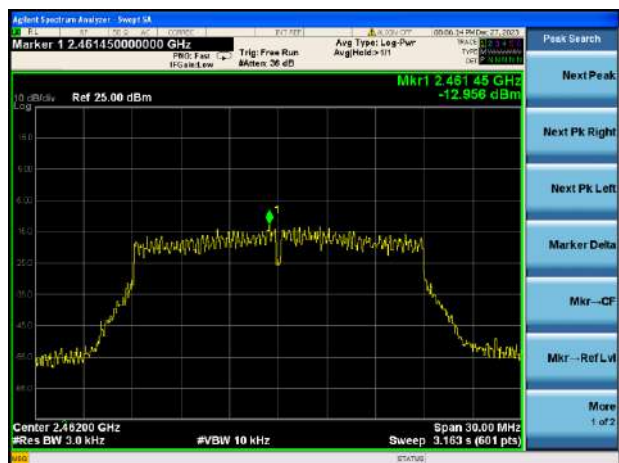
802.11n-20 MHz LOW CHANNEL



802.11n-20 MHz MIDDLE CHANNEL



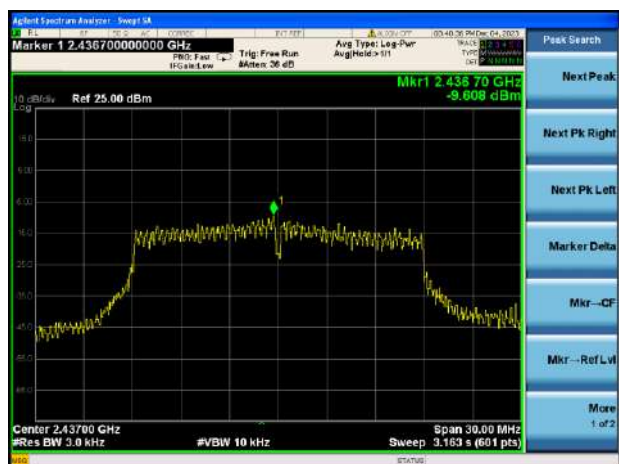
802.11n-20 MHz HIGH CHANNEL



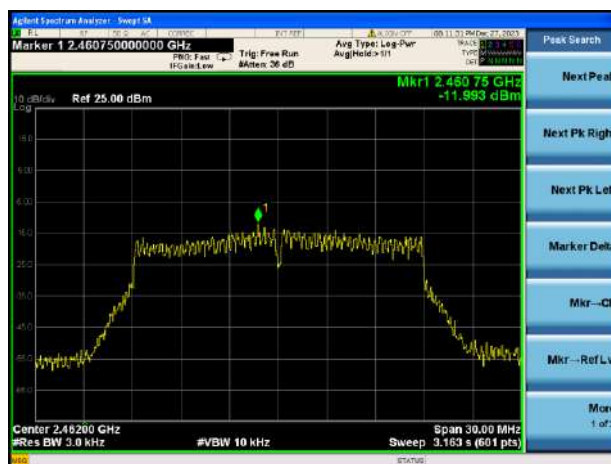
VHT-20 MHz LOW CHANNEL



VHT-20 MHz MIDDLE CHANNEL



VHT-20 MHz HIGH CHANNEL



802.11ax-20 MHz LOW CHANNEL

802.11ax-20 MHz MIDDLE CHANNEL



802.11ax-20 MHz HIGH CHANNEL



## **ANNEX B TEST SETUP PHOTOS**

Please refer the document “BL-SZ23A1194-AR.PDF”.

## **ANNEX C EUT EXTERNAL PHOTOS**

Please refer the document “BL-SZ23A1194-AW.PDF”.

## **ANNEX D EUT INTERNAL PHOTOS**

Please refer the document “BL-SZ23A1194-AI.PDF”.

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