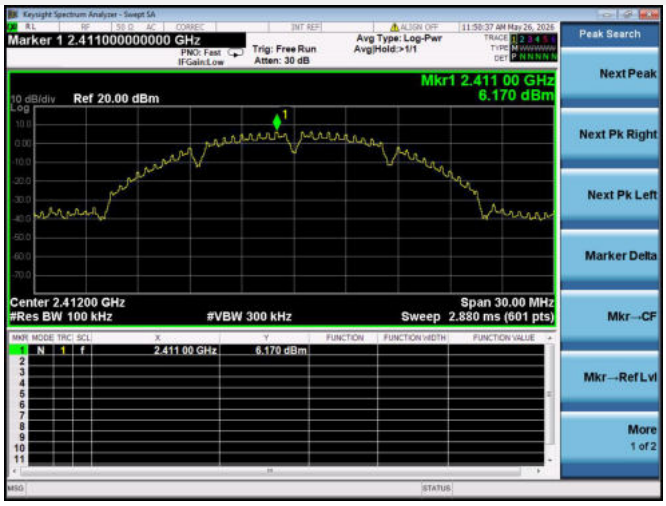
802.11ax-40 MHz(SU) Mode:

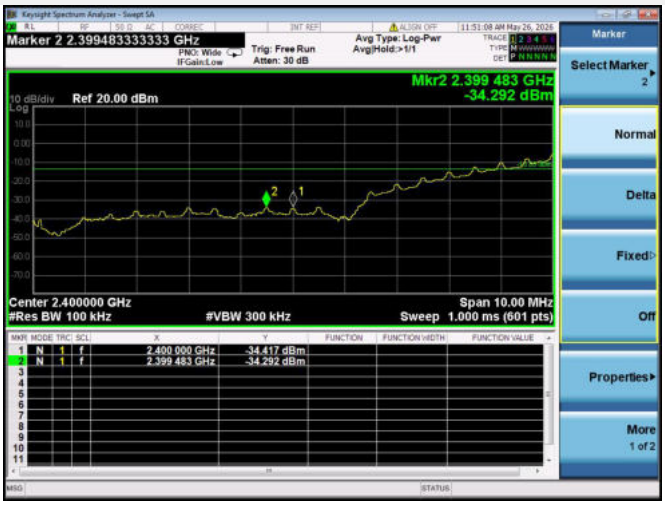
Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-24.59	1.24	-18.76	Pass
High Channel	-27.99	2.31	-17.69	Pass

Test Plots

802.11b LOW CHANNEL, CARRIER LEVEL

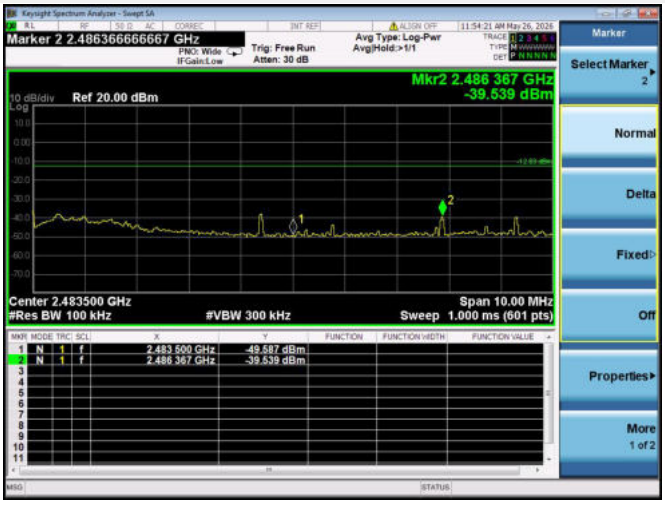


802.11b LOW CHANNEL, BAND EDGE

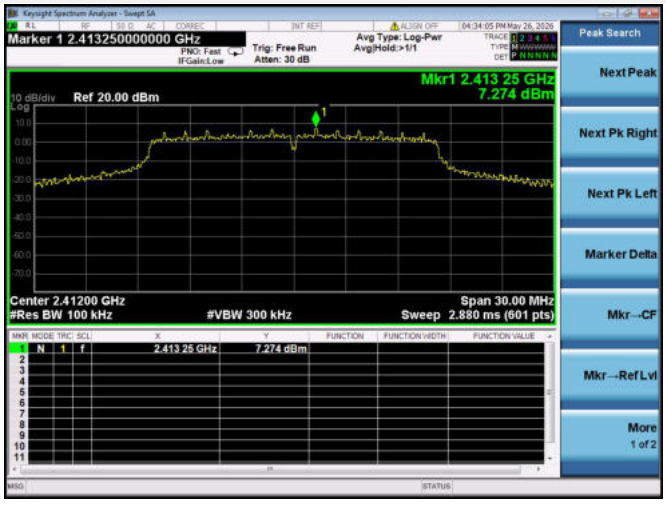


802.11b HIGH CHANNEL, CARRIER LEVEL

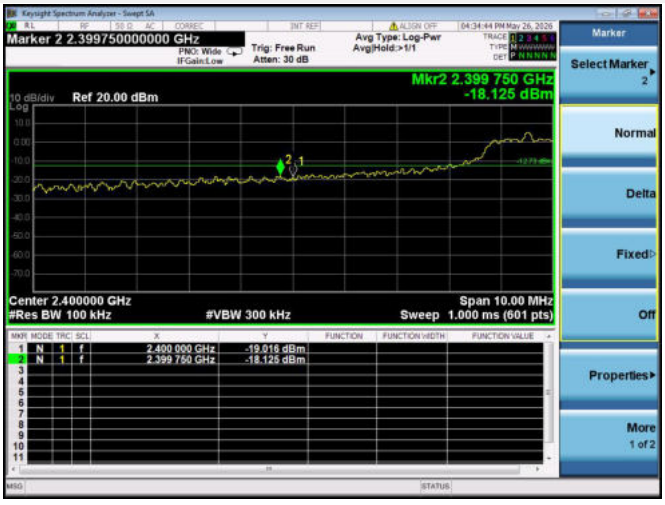
802.11b HIGH CHANNEL, BAND EDGE



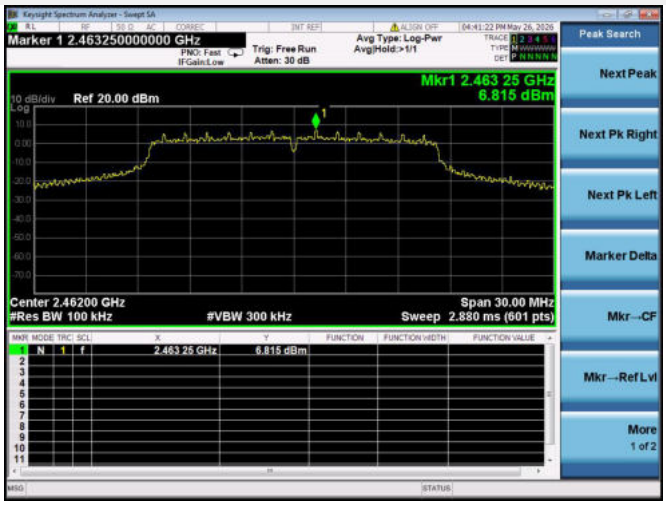
802.11g LOW CHANNEL, CARRIER LEVEL



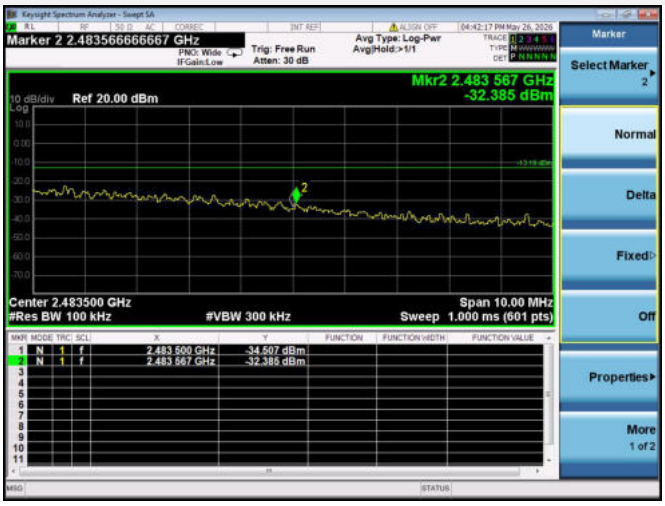
802.11g LOW CHANNEL, BAND EDGE



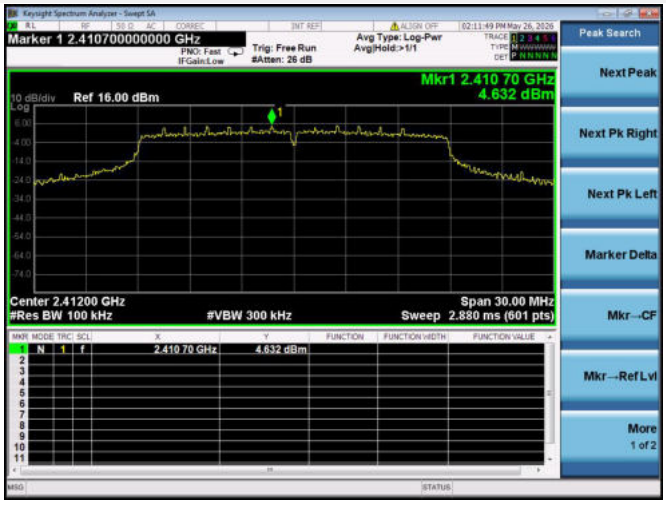
802.11g HIGH CHANNEL, CARRIER LEVEL



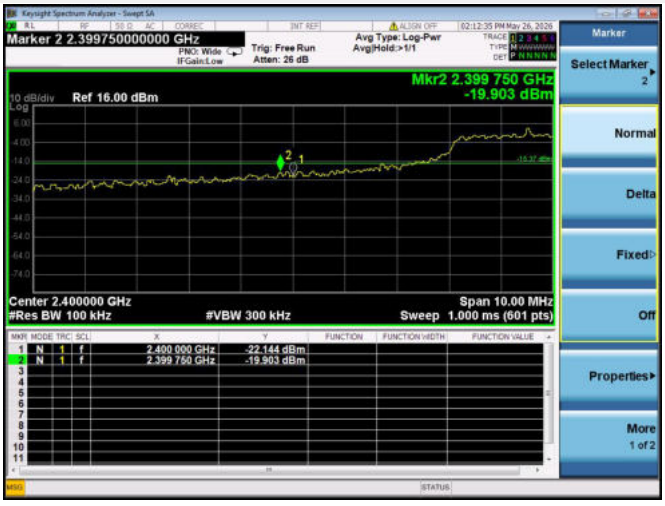
802.11g HIGH CHANNEL, BAND EDGE



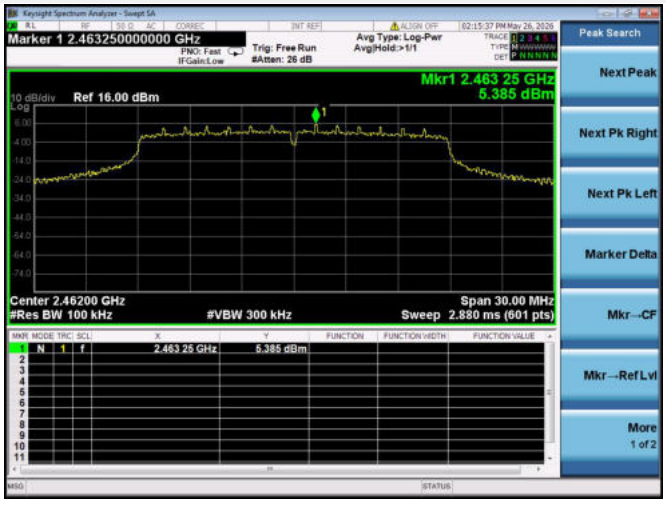
802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



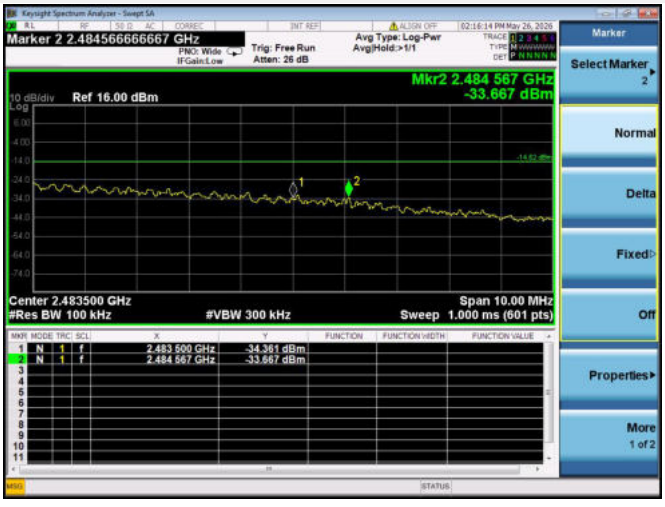
802.11n-20 MHz LOW CHANNEL, BAND EDGE



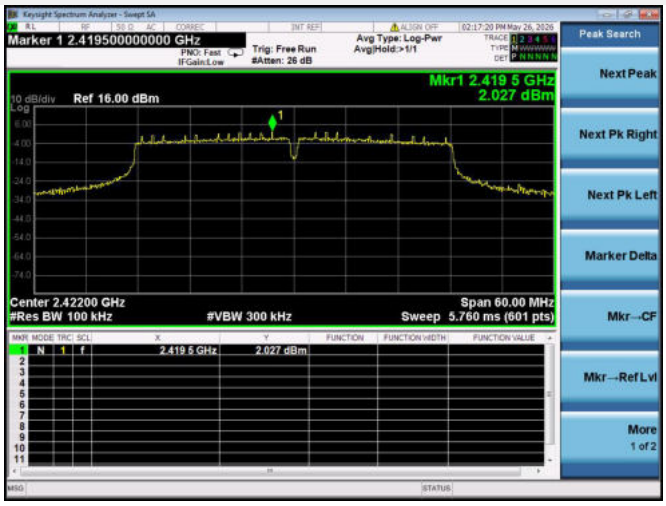
802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



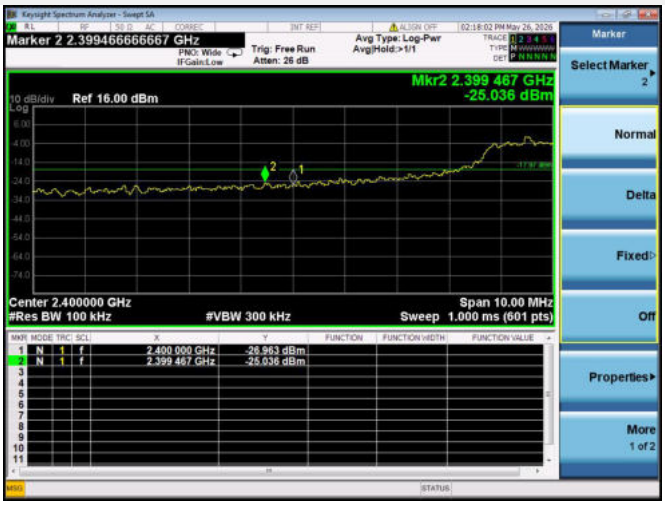
802.11n-20 MHz HIGH CHANNEL, BAND EDGE



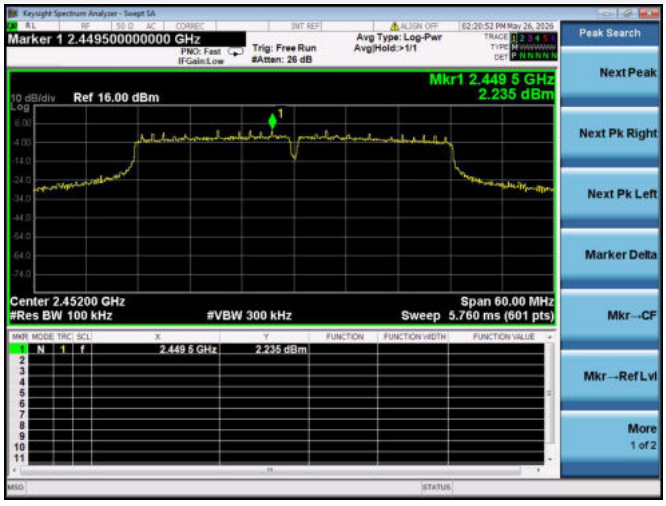
802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL



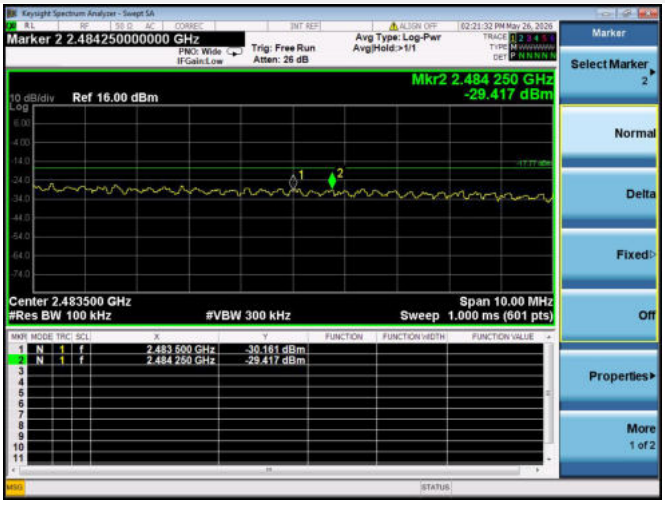
802.11n-40 MHz LOW CHANNEL, BAND EDGE



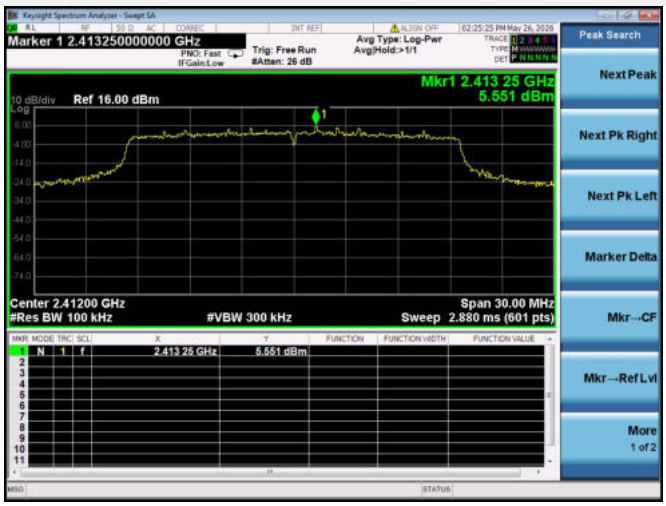
802.11n-40 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-40 MHz HIGH CHANNEL, BAND EDGE

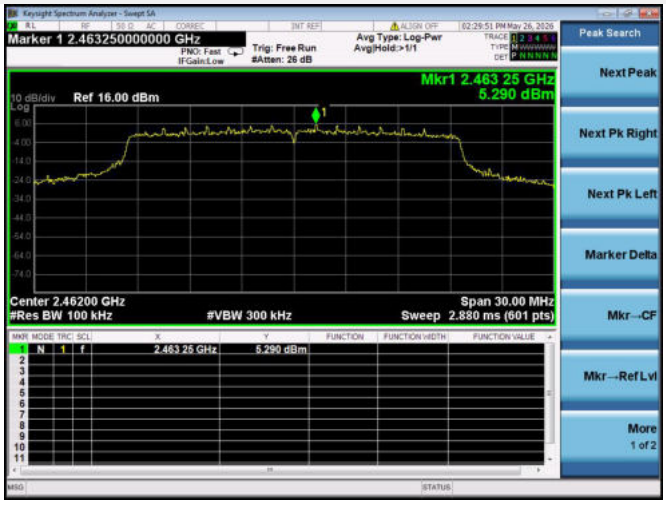


802.11ax-20 MHz(SU) LOW CHANNEL, CARRIER LEVEL

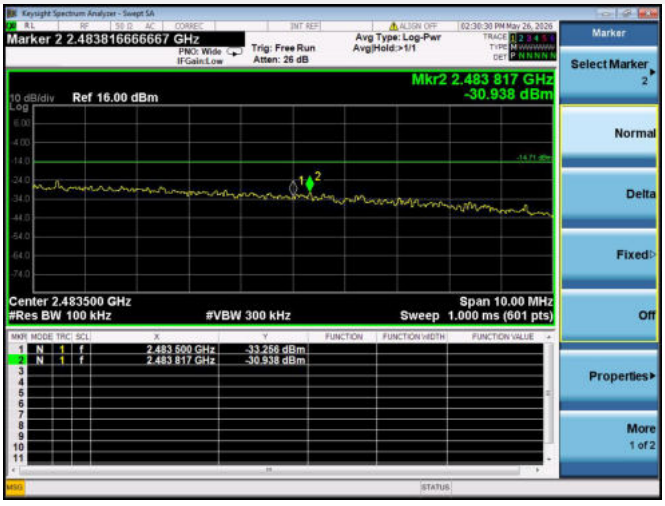


802.11ax-20 MHz(SU) LOW CHANNEL, BAND EDGE

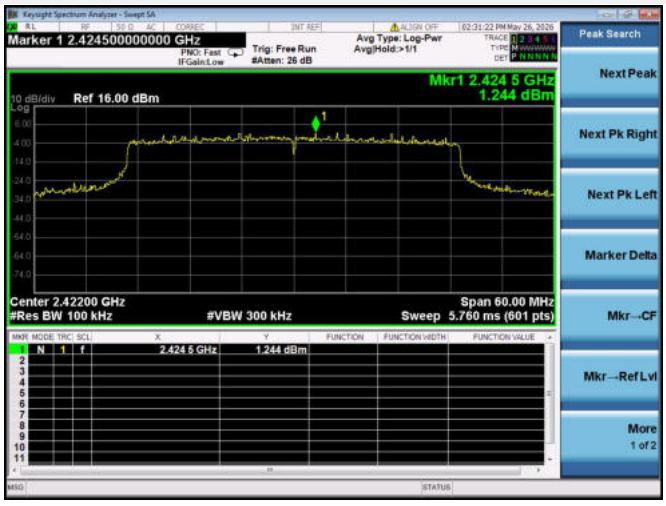
802.11ax-20 MHz(SU) HIGH CHANNEL, CARRIER LEVEL



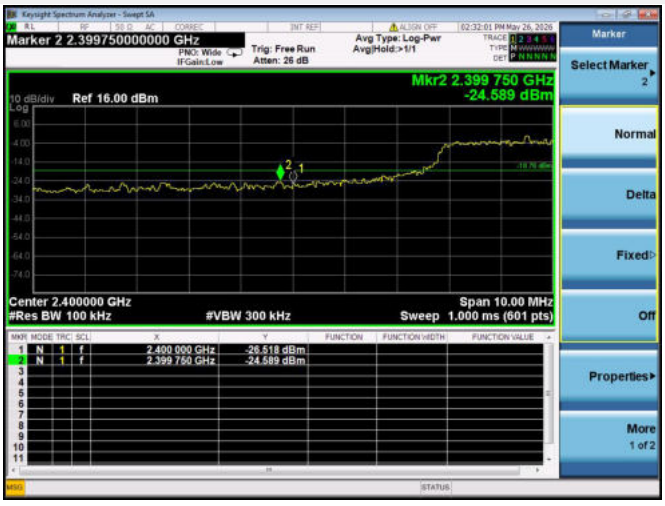
802.11ax-20 MHz(SU) HIGH CHANNEL, BAND EDGE



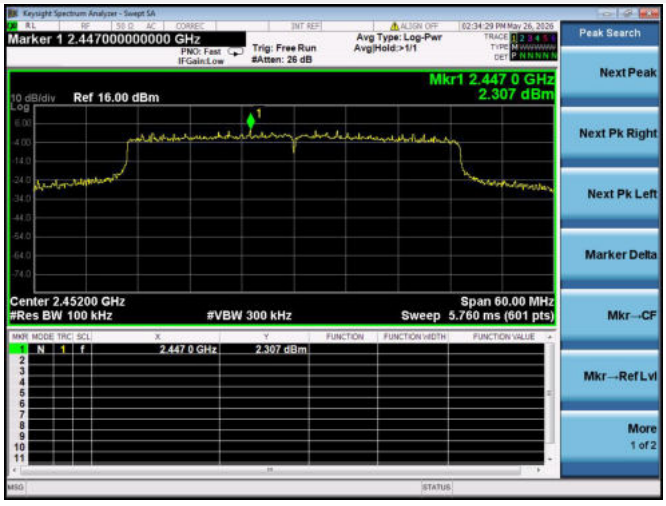
802.11ax-40 MHz(SU) LOW CHANNEL, CARRIER LEVEL



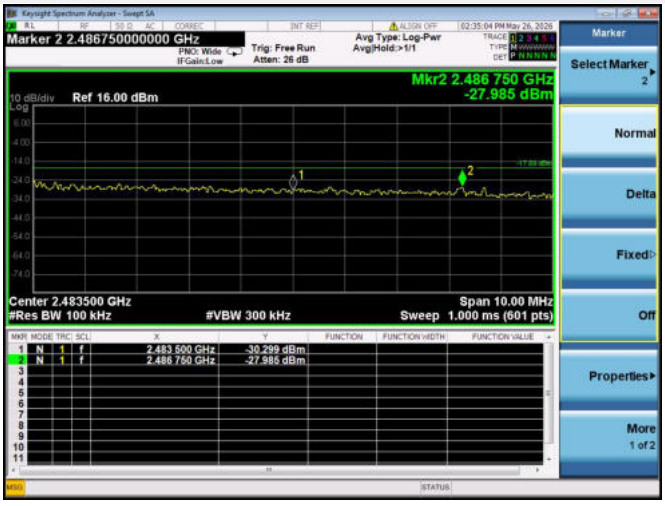
802.11ax-40 MHz(SU) LOW CHANNEL, BAND EDGE



802.11ax-40 MHz(SU) HIGH CHANNEL, CARRIER LEVEL



802.11ax-40 MHz(SU) HIGH CHANNEL, BAND EDGE



A.5 Conducted Emissions

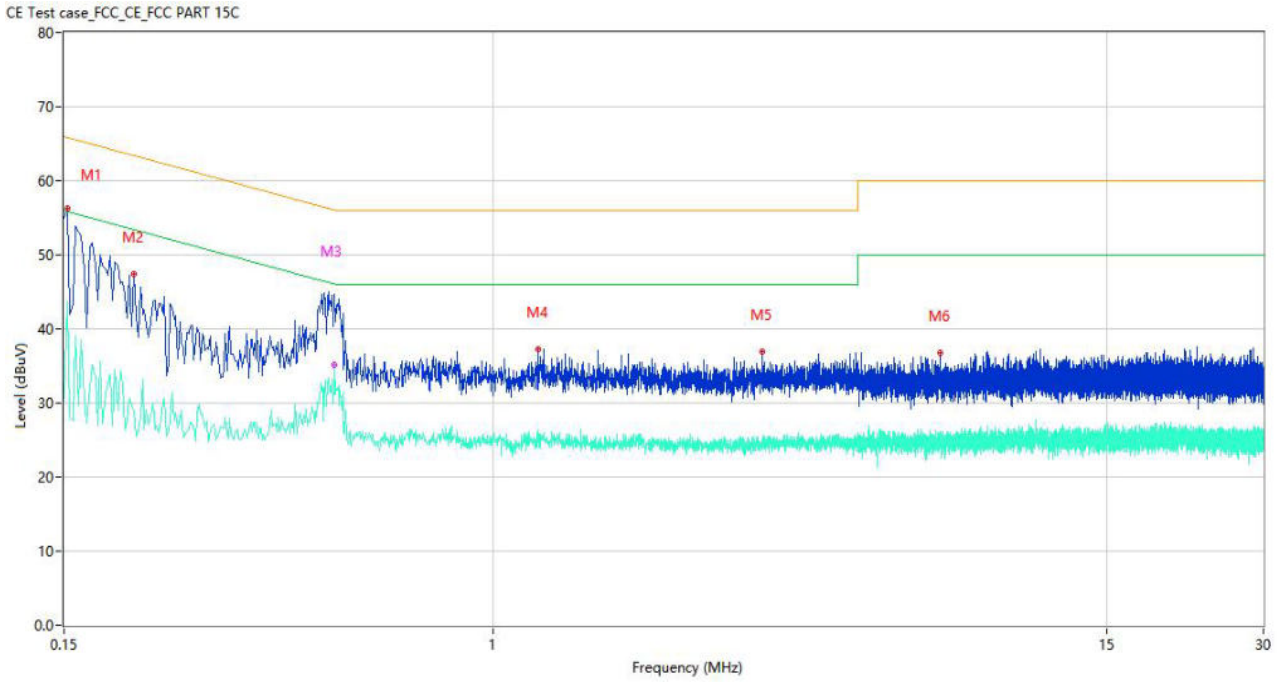
Note [1]: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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

Note [3]: Results (dBuV) = Original reading level of Spectrum Analyzer (dBuV) + Factor (dB)

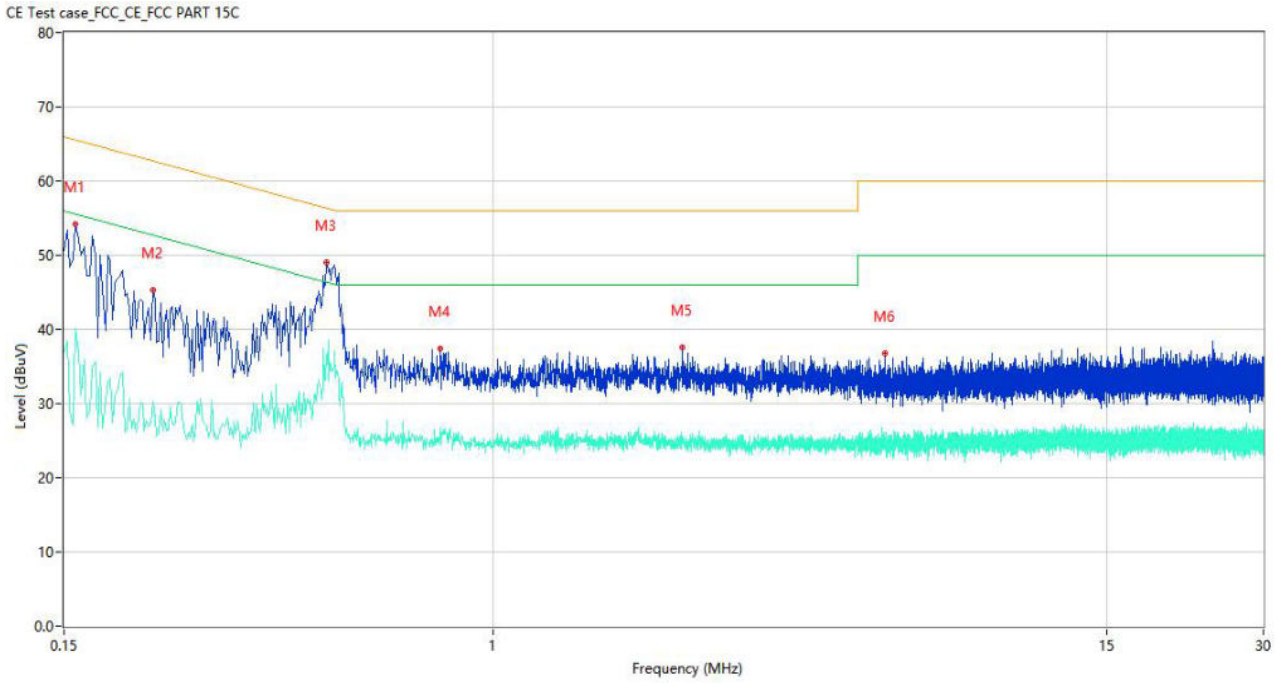
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.152	56.34	9.86	65.89	9.55	Peak	L	Pass
1**	0.152	43.65	9.86	55.89	12.24	AV	L	Pass
2	0.204	47.44	9.84	63.45	16.01	Peak	L	Pass
2**	0.204	29.09	9.84	53.45	24.36	AV	L	Pass
3	0.496	44.65	10.04	56.07	11.42	Peak	L	Pass
3**	0.496	35.17	10.04	46.07	10.90	AV	L	Pass
4	1.218	37.28	10.17	56.00	18.72	Peak	L	Pass
4**	1.218	26.21	10.17	46.00	19.79	AV	L	Pass
5	3.274	36.87	10.26	56.00	19.13	Peak	L	Pass
5**	3.274	25.12	10.26	46.00	20.88	AV	L	Pass
6	7.192	36.72	10.47	60.00	23.28	Peak	L	Pass
6**	7.192	26.20	10.47	50.00	23.80	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.158	54.26	9.86	65.57	11.31	Peak	N	Pass
1**	0.158	40.17	9.86	55.57	15.40	AV	N	Pass
2	0.222	45.28	9.83	62.74	17.46	Peak	N	Pass
2**	0.222	30.33	9.83	52.74	22.41	AV	N	Pass
3	0.478	49.04	10.06	56.37	7.33	Peak	N	Pass
3**	0.478	36.54	10.06	46.37	9.83	AV	N	Pass
4	0.792	37.35	10.53	56.00	18.65	Peak	N	Pass
4**	0.792	26.85	10.53	46.00	19.15	AV	N	Pass
5	2.306	37.63	10.33	56.00	18.37	Peak	N	Pass
5**	2.306	24.64	10.33	46.00	21.36	AV	N	Pass
6	5.640	36.72	10.48	60.00	23.28	Peak	N	Pass
6**	5.640	24.84	10.48	50.00	25.16	AV	N	Pass

A.6 Radiated Emission

Note [1]: The symbol of "--" in the table which means not application.

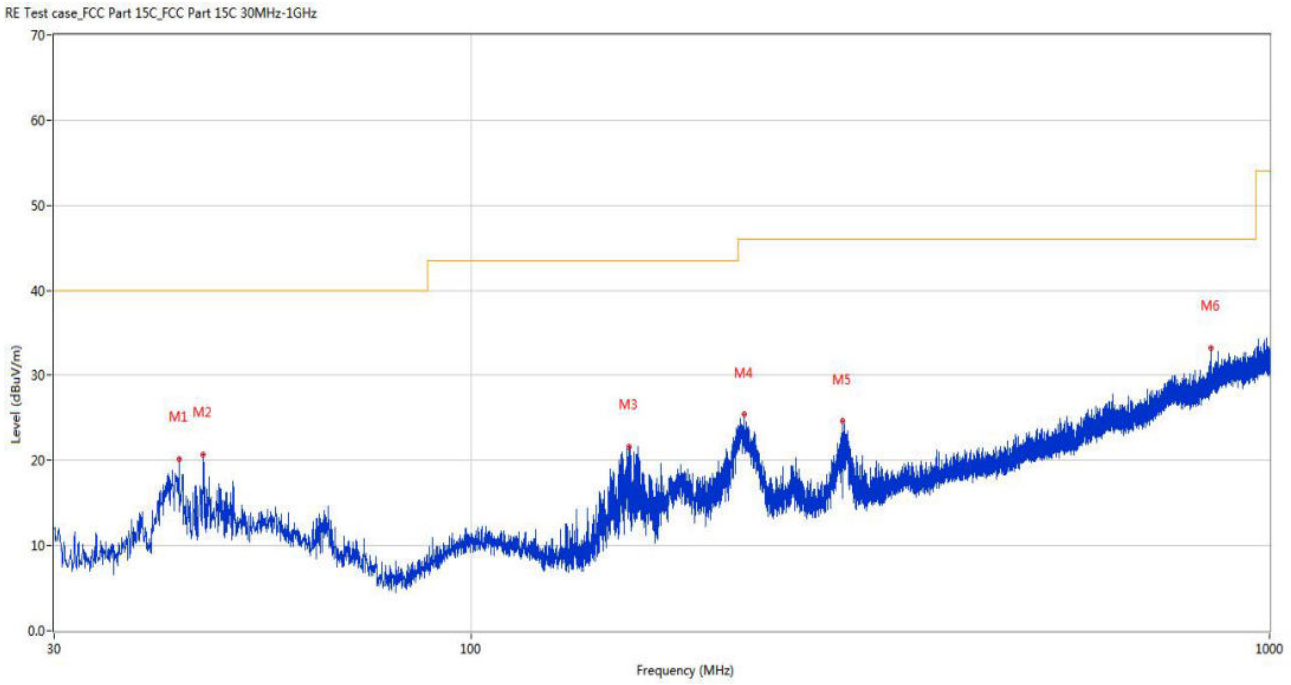
Note [2]: For the test data above 1 GHz， According the ANSI C63.10-2020, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

Note [3]: 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 [4]: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and normal link mode is worst.

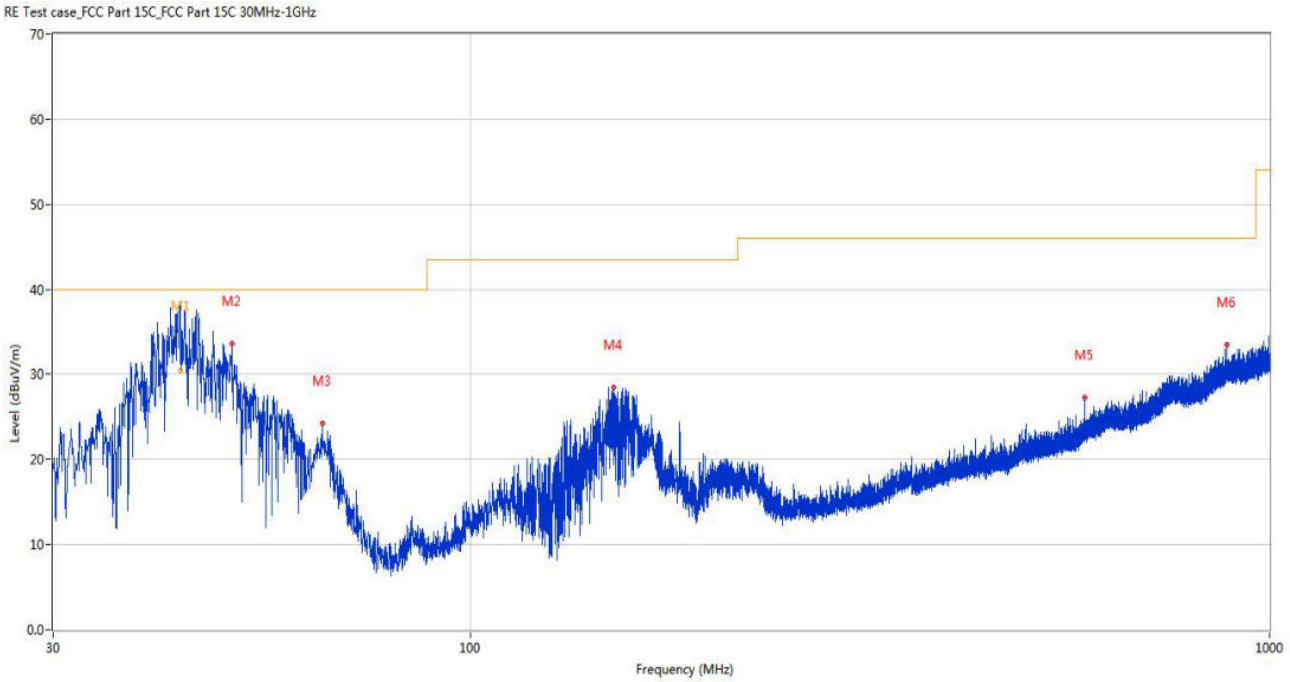
Test Data and Plots

30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	43.047	20.20	-24.75	40.0	19.80	Peak	260.70	100	Horizontal	Pass
2	46.151	20.75	-24.32	40.0	19.25	Peak	314.20	100	Horizontal	Pass
3	157.798	21.67	-27.82	43.5	21.83	Peak	192.20	100	Horizontal	Pass
4	219.441	25.38	-24.27	46.0	20.62	Peak	207.60	100	Horizontal	Pass
5	291.463	24.59	-21.60	46.0	21.41	Peak	146.90	100	Horizontal	Pass
6	843.297	33.18	-7.52	46.0	12.82	Peak	23.70	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

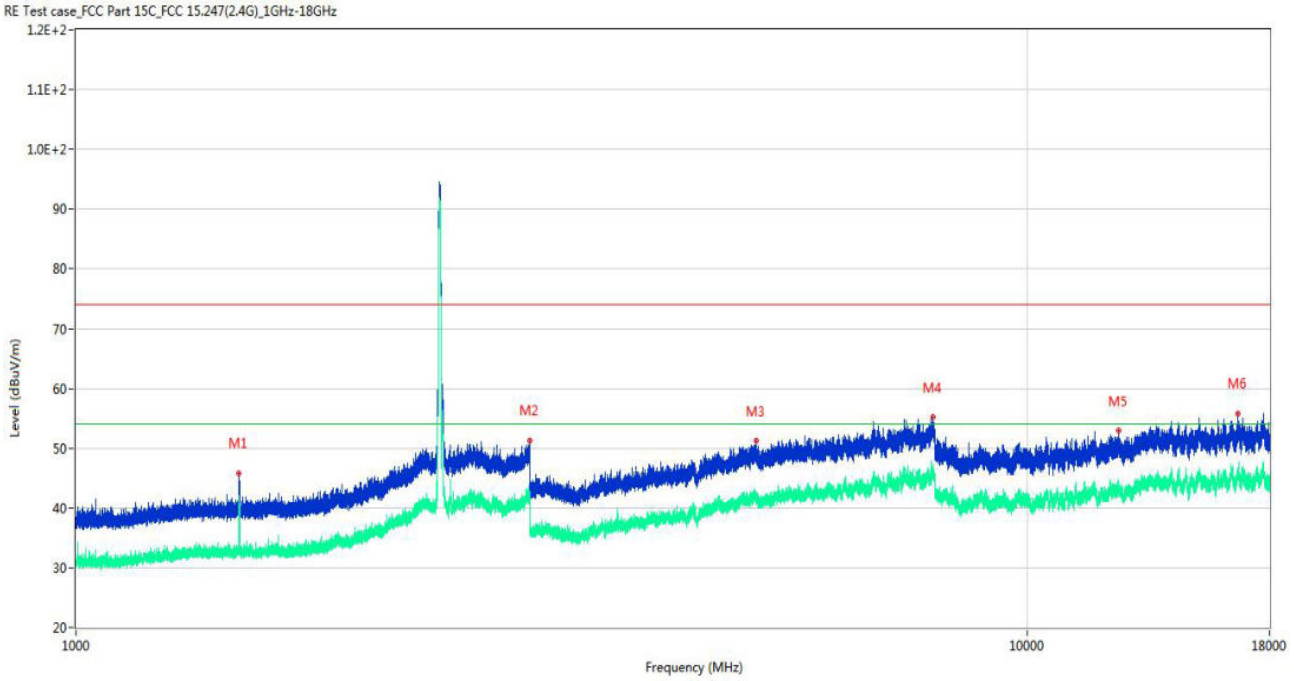


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	43.240	38.14	-24.74	40.0	1.86	Peak	84.90	100	Vertical	N/A
1*	43.240	30.47	-24.74	40.0	9.53	QP	84.90	100	Vertical	Pass
2	50.224	33.66	-24.09	40.0	6.34	Peak	230.20	100	Vertical	Pass
3	65.114	24.27	-26.70	40.0	15.73	Peak	9.70	100	Vertical	Pass
4	150.814	28.51	-28.61	43.5	14.99	Peak	108.10	100	Vertical	Pass
5	587.168	27.29	-13.03	46.0	18.71	Peak	297.00	100	Vertical	Pass
6	884.716	33.51	-6.16	46.0	12.49	Peak	0.00	100	Vertical	Pass

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

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

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



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.900	45.83	74.0	28.17	Peak	137.00	200	Horizontal	Pass
1**	1484.900	41.36	54.0	12.64	AV	137.00	200	Horizontal	Pass
2	3000.000	51.22	74.0	22.78	Peak	41.00	200	Horizontal	Pass
2**	3000.000	41.42	54.0	12.58	AV	41.00	200	Horizontal	Pass
3	5195.250	51.22	74.0	22.78	Peak	325.00	200	Horizontal	Pass
3**	5195.250	42.53	54.0	11.47	AV	325.00	200	Horizontal	Pass
4	7958.000	55.13	74.0	18.87	Peak	145.00	400	Horizontal	Pass
4**	7958.000	45.68	54.0	8.32	AV	145.00	400	Horizontal	Pass
5	12496.588	52.87	74.0	21.13	Peak	138.00	300	Horizontal	Pass
5**	12496.588	42.80	54.0	11.20	AV	138.00	300	Horizontal	Pass
6	16675.687	55.86	74.0	18.14	Peak	45.00	100	Horizontal	Pass
6**	16675.687	45.21	54.0	8.79	AV	45.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1162.602	50.05	74.0	23.95	Peak	49.00	400	Vertical	Pass
1**	1162.602	36.85	54.0	17.15	AV	49.00	400	Vertical	Pass
2	1329.173	44.93	74.0	29.07	Peak	346.00	300	Vertical	Pass
2**	1329.173	33.48	54.0	20.52	AV	346.00	300	Vertical	Pass
3	4820.724	51.11	74.0	22.89	Peak	198.00	200	Vertical	Pass
3**	4820.724	41.66	54.0	12.34	AV	198.00	200	Vertical	Pass
4	7934.082	54.62	74.0	19.39	Peak	85.00	200	Vertical	Pass
4**	7934.082	45.62	54.0	8.38	AV	85.00	200	Vertical	Pass
5	12975.728	53.89	74.0	20.11	Peak	50.00	300	Vertical	Pass
5**	12975.728	44.88	54.0	9.12	AV	50.00	300	Vertical	Pass
6	17438.047	56.51	74.0	17.49	Peak	327.00	300	Vertical	Pass
6**	17438.047	44.57	54.0	9.43	AV	327.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1487.269	45.28	74.0	28.72	Peak	200.00	300	Horizontal	Pass
1**	1487.269	40.58	54.0	13.42	AV	200.00	300	Horizontal	Pass
2	3001.349	50.60	74.0	23.40	Peak	317.00	100	Horizontal	Pass
2**	3001.349	41.30	54.0	12.70	AV	317.00	100	Horizontal	Pass
3	5194.159	51.27	74.0	22.73	Peak	42.00	200	Horizontal	Pass
3**	5194.159	42.52	54.0	11.48	AV	42.00	200	Horizontal	Pass
4	7958.254	54.69	74.0	19.31	Peak	0.00	300	Horizontal	Pass
4**	7958.254	45.11	54.0	8.89	AV	0.00	300	Horizontal	Pass
5	12498.766	52.38	74.0	21.62	Peak	152.00	400	Horizontal	Pass
5**	12498.766	42.02	54.0	11.98	AV	152.00	400	Horizontal	Pass
6	16672.933	55.34	74.0	18.66	Peak	283.00	200	Horizontal	Pass
6**	16672.933	44.51	54.0	9.49	AV	283.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1159.114	49.63	74.0	24.37	Peak	274.00	400	Vertical	Pass
1**	1159.114	36.48	54.0	17.52	AV	274.00	400	Vertical	Pass
2	1325.454	44.72	74.0	29.28	Peak	43.00	100	Vertical	Pass
2**	1325.454	33.21	54.0	20.79	AV	43.00	100	Vertical	Pass
3	4822.105	50.26	74.0	23.74	Peak	46.00	200	Vertical	Pass
3**	4822.105	40.75	54.0	13.25	AV	46.00	200	Vertical	Pass
4	7939.762	53.73	74.0	20.28	Peak	168.00	400	Vertical	Pass
4**	7939.762	45.49	54.0	8.51	AV	168.00	400	Vertical	Pass
5	12978.927	53.19	74.0	20.81	Peak	155.00	400	Vertical	Pass
5**	12978.927	44.51	54.0	9.49	AV	155.00	400	Vertical	Pass
6	17436.863	55.58	74.0	18.42	Peak	243.00	200	Vertical	Pass
6**	17436.863	44.03	54.0	9.97	AV	243.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1487.410	45.07	74.0	28.93	Peak	181.00	100	Horizontal	Pass
1**	1487.410	41.35	54.0	12.65	AV	181.00	100	Horizontal	Pass
2	2998.485	51.05	74.0	22.95	Peak	258.00	400	Horizontal	Pass
2**	2998.485	41.35	54.0	12.65	AV	258.00	400	Horizontal	Pass
3	5193.872	51.12	74.0	22.88	Peak	290.00	200	Horizontal	Pass
3**	5193.872	41.96	54.0	12.04	AV	290.00	200	Horizontal	Pass
4	7956.635	55.03	74.0	18.97	Peak	162.00	100	Horizontal	Pass
4**	7956.635	45.56	54.0	8.44	AV	162.00	100	Horizontal	Pass
5	12493.497	52.23	74.0	21.77	Peak	325.00	100	Horizontal	Pass
5**	12493.497	41.95	54.0	12.05	AV	325.00	100	Horizontal	Pass
6	16673.569	55.97	74.0	18.03	Peak	258.00	200	Horizontal	Pass
6**	16673.569	44.70	54.0	9.30	AV	258.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1162.810	49.82	74.0	24.18	Peak	245.00	100	Vertical	Pass
1**	1162.810	36.16	54.0	17.84	AV	245.00	100	Vertical	Pass
2	1327.789	44.72	74.0	29.28	Peak	124.00	200	Vertical	Pass
2**	1327.789	32.88	54.0	21.12	AV	124.00	200	Vertical	Pass
3	4823.164	50.58	74.0	23.42	Peak	105.00	200	Vertical	Pass
3**	4823.164	41.33	54.0	12.67	AV	105.00	200	Vertical	Pass
4	7934.314	54.15	74.0	19.86	Peak	94.00	200	Vertical	Pass
4**	7934.314	45.26	54.0	8.74	AV	94.00	200	Vertical	Pass
5	12975.413	53.39	74.0	20.61	Peak	255.00	400	Vertical	Pass
5**	12975.413	43.97	54.0	10.03	AV	255.00	400	Vertical	Pass
6	17438.036	56.44	74.0	17.56	Peak	285.00	100	Vertical	Pass
6**	17438.036	43.71	54.0	10.29	AV	285.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.182	45.33	74.0	28.67	Peak	33.00	400	Horizontal	Pass
1**	1484.182	40.97	54.0	13.03	AV	33.00	400	Horizontal	Pass
2	2998.684	50.77	74.0	23.23	Peak	151.00	300	Horizontal	Pass
2**	2998.684	41.07	54.0	12.93	AV	151.00	300	Horizontal	Pass
3	5196.216	50.34	74.0	23.66	Peak	16.00	200	Horizontal	Pass
3**	5196.216	42.13	54.0	11.87	AV	16.00	200	Horizontal	Pass
4	7955.647	54.44	74.0	19.56	Peak	127.00	100	Horizontal	Pass
4**	7955.647	45.61	54.0	8.39	AV	127.00	100	Horizontal	Pass
5	12494.482	52.51	74.0	21.49	Peak	217.00	300	Horizontal	Pass
5**	12494.482	42.85	54.0	11.15	AV	217.00	300	Horizontal	Pass
6	16671.720	55.16	74.0	18.84	Peak	116.00	200	Horizontal	Pass
6**	16671.720	44.55	54.0	9.45	AV	116.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1159.046	49.32	74.0	24.68	Peak	22.00	200	Vertical	Pass
1**	1159.046	36.41	54.0	17.59	AV	22.00	200	Vertical	Pass
2	1330.828	43.79	74.0	30.21	Peak	179.00	300	Vertical	Pass
2**	1330.828	33.13	54.0	20.87	AV	179.00	300	Vertical	Pass
3	4819.786	49.35	74.0	24.65	Peak	208.00	200	Vertical	Pass
3**	4819.786	40.35	54.0	13.65	AV	208.00	200	Vertical	Pass
4	7934.430	53.63	74.0	20.38	Peak	270.00	300	Vertical	Pass
4**	7934.430	45.26	54.0	8.74	AV	270.00	300	Vertical	Pass
5	12975.492	53.11	74.0	20.89	Peak	276.00	300	Vertical	Pass
5**	12975.492	43.86	54.0	10.14	AV	276.00	300	Vertical	Pass
6	17440.369	55.38	74.0	18.62	Peak	271.00	400	Vertical	Pass
6**	17440.369	43.84	54.0	10.16	AV	271.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1481.192	45.03	74.0	28.97	Peak	107.00	200	Horizontal	Pass
1**	1481.192	39.70	54.0	14.30	AV	107.00	200	Horizontal	Pass
2	3003.195	49.65	74.0	24.35	Peak	287.00	100	Horizontal	Pass
2**	3003.195	41.02	54.0	12.98	AV	287.00	100	Horizontal	Pass
3	5198.075	50.31	74.0	23.69	Peak	67.00	200	Horizontal	Pass
3**	5198.075	42.28	54.0	11.72	AV	67.00	200	Horizontal	Pass
4	7954.692	54.68	74.0	19.32	Peak	328.00	200	Horizontal	Pass
4**	7954.692	44.16	54.0	9.84	AV	328.00	200	Horizontal	Pass
5	12500.186	51.55	74.0	22.45	Peak	240.00	400	Horizontal	Pass
5**	12500.186	41.92	54.0	12.08	AV	240.00	400	Horizontal	Pass
6	16674.414	55.04	74.0	18.96	Peak	58.00	300	Horizontal	Pass
6**	16674.414	44.37	54.0	9.63	AV	58.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1163.309	49.25	74.0	24.75	Peak	131.00	100	Vertical	Pass
1**	1163.309	35.38	54.0	18.62	AV	131.00	100	Vertical	Pass
2	1323.933	43.76	74.0	30.24	Peak	289.00	200	Vertical	Pass
2**	1323.933	32.41	54.0	21.59	AV	289.00	200	Vertical	Pass
3	4821.152	50.54	74.0	23.46	Peak	80.00	200	Vertical	Pass
3**	4821.152	41.17	54.0	12.83	AV	80.00	200	Vertical	Pass
4	7940.223	53.33	74.0	20.68	Peak	187.00	100	Vertical	Pass
4**	7940.223	45.12	54.0	8.88	AV	187.00	100	Vertical	Pass
5	12978.277	52.75	74.0	21.25	Peak	349.00	400	Vertical	Pass
5**	12978.277	43.41	54.0	10.59	AV	349.00	400	Vertical	Pass
6	17438.000	55.83	74.0	18.17	Peak	47.00	100	Vertical	Pass
6**	17438.000	42.75	54.0	11.25	AV	47.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1481.422	44.16	74.0	29.84	Peak	202.00	300	Horizontal	Pass
1**	1481.422	41.00	54.0	13.00	AV	202.00	300	Horizontal	Pass
2	3001.236	50.10	74.0	23.90	Peak	69.00	300	Horizontal	Pass
2**	3001.236	40.62	54.0	13.38	AV	69.00	300	Horizontal	Pass
3	5197.759	50.36	74.0	23.64	Peak	203.00	200	Horizontal	Pass
3**	5197.759	40.98	54.0	13.02	AV	203.00	200	Horizontal	Pass
4	7955.219	54.04	74.0	19.96	Peak	184.00	400	Horizontal	Pass
4**	7955.219	45.12	54.0	8.88	AV	184.00	400	Horizontal	Pass
5	12500.106	51.65	74.0	22.35	Peak	317.00	300	Horizontal	Pass
5**	12500.106	41.00	54.0	13.00	AV	317.00	300	Horizontal	Pass
6	16676.754	55.56	74.0	18.44	Peak	215.00	100	Horizontal	Pass
6**	16676.754	44.48	54.0	9.52	AV	215.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.436	49.30	74.0	24.70	Peak	86.00	400	Vertical	Pass
1**	1166.436	36.34	54.0	17.66	AV	86.00	400	Vertical	Pass
2	1326.190	43.75	74.0	30.26	Peak	134.00	400	Vertical	Pass
2**	1326.190	33.07	54.0	20.93	AV	134.00	400	Vertical	Pass
3	4820.136	49.34	74.0	24.66	Peak	187.00	200	Vertical	Pass
3**	4820.136	40.26	54.0	13.74	AV	187.00	200	Vertical	Pass
4	7935.346	53.57	74.0	20.43	Peak	76.00	100	Vertical	Pass
4**	7935.346	45.21	54.0	8.79	AV	76.00	100	Vertical	Pass
5	12976.332	53.05	74.0	20.95	Peak	301.00	300	Vertical	Pass
5**	12976.332	43.80	54.0	10.20	AV	301.00	300	Vertical	Pass
6	17436.679	55.37	74.0	18.63	Peak	314.00	300	Vertical	Pass
6**	17436.679	43.74	54.0	10.26	AV	314.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1483.040	45.30	74.0	28.70	Peak	47.00	100	Horizontal	Pass
1**	1483.040	40.94	54.0	13.06	AV	47.00	100	Horizontal	Pass
2	2997.497	50.74	74.0	23.26	Peak	77.00	400	Horizontal	Pass
2**	2997.497	41.07	54.0	12.94	AV	77.00	400	Horizontal	Pass
3	5196.490	50.26	74.0	23.75	Peak	309.00	200	Horizontal	Pass
3**	5196.490	42.09	54.0	11.91	AV	309.00	200	Horizontal	Pass
4	7959.854	54.40	74.0	19.60	Peak	349.00	400	Horizontal	Pass
4**	7959.854	45.56	54.0	8.44	AV	349.00	400	Horizontal	Pass
5	12498.349	52.49	74.0	21.51	Peak	228.00	300	Horizontal	Pass
5**	12498.349	42.80	54.0	11.20	AV	228.00	300	Horizontal	Pass
6	16671.894	55.11	74.0	18.89	Peak	341.00	300	Horizontal	Pass
6**	16671.894	44.45	54.0	9.55	AV	341.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1161.317	49.24	74.0	24.76	Peak	204.00	300	Vertical	Pass
1**	1161.317	35.34	54.0	18.66	AV	204.00	300	Vertical	Pass
2	1330.941	43.74	74.0	30.26	Peak	219.00	300	Vertical	Pass
2**	1330.941	32.33	54.0	21.68	AV	219.00	300	Vertical	Pass
3	4825.718	50.47	74.0	23.53	Peak	173.00	200	Vertical	Pass
3**	4825.718	41.16	54.0	12.85	AV	173.00	200	Vertical	Pass
4	7937.208	53.32	74.0	20.68	Peak	65.00	400	Vertical	Pass
4**	7937.208	45.11	54.0	8.89	AV	65.00	400	Vertical	Pass
5	12977.390	52.66	74.0	21.34	Peak	211.00	200	Vertical	Pass
5**	12977.390	43.34	54.0	10.66	AV	211.00	200	Vertical	Pass
6	17436.452	55.77	74.0	18.24	Peak	2.00	300	Vertical	Pass
6**	17436.452	42.68	54.0	11.32	AV	2.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1481.139	45.84	74.0	28.16	Peak	196.00	400	Horizontal	Pass
1**	1481.139	41.37	54.0	12.64	AV	196.00	400	Horizontal	Pass
2	2998.508	51.33	74.0	22.67	Peak	268.00	200	Horizontal	Pass
2**	2998.508	41.41	54.0	12.59	AV	268.00	200	Horizontal	Pass
3	5197.377	51.26	74.0	22.74	Peak	148.00	200	Horizontal	Pass
3**	5197.377	42.57	54.0	11.43	AV	148.00	200	Horizontal	Pass
4	7960.948	55.10	74.0	18.90	Peak	98.00	400	Horizontal	Pass
4**	7960.948	44.75	54.0	9.26	AV	98.00	400	Horizontal	Pass
5	12493.922	52.93	74.0	21.07	Peak	44.00	100	Horizontal	Pass
5**	12493.922	42.84	54.0	11.16	AV	44.00	100	Horizontal	Pass
6	16679.659	55.91	74.0	18.09	Peak	52.00	200	Horizontal	Pass
6**	16679.659	45.32	54.0	8.68	AV	52.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1164.538	48.93	74.0	25.07	Peak	171.00	100	Vertical	Pass
1**	1164.538	35.86	54.0	18.14	AV	171.00	100	Vertical	Pass
2	1325.368	43.29	74.0	30.72	Peak	261.00	200	Vertical	Pass
2**	1325.368	32.79	54.0	21.21	AV	261.00	200	Vertical	Pass
3	4821.694	49.03	74.0	24.97	Peak	63.00	200	Vertical	Pass
3**	4821.694	39.47	54.0	14.53	AV	63.00	200	Vertical	Pass
4	7940.092	52.60	74.0	21.40	Peak	28.00	300	Vertical	Pass
4**	7940.092	45.03	54.0	8.97	AV	28.00	300	Vertical	Pass
5	12980.422	52.42	74.0	21.58	Peak	221.00	400	Vertical	Pass
5**	12980.422	42.82	54.0	11.18	AV	221.00	400	Vertical	Pass
6	17436.642	54.86	74.0	19.14	Peak	339.00	200	Vertical	Pass
6**	17436.642	43.05	54.0	10.95	AV	339.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1488.504	45.86	74.0	28.14	Peak	28.00	400	Horizontal	Pass
1**	1488.504	41.41	54.0	12.59	AV	28.00	400	Horizontal	Pass
2	3000.018	51.35	74.0	22.65	Peak	98.00	300	Horizontal	Pass
2**	3000.018	41.49	54.0	12.51	AV	98.00	300	Horizontal	Pass
3	5197.633	51.31	74.0	22.69	Peak	175.00	200	Horizontal	Pass
3**	5197.633	42.55	54.0	11.45	AV	175.00	200	Horizontal	Pass
4	7958.326	55.15	74.0	18.85	Peak	88.00	100	Horizontal	Pass
4**	7958.326	44.72	54.0	9.28	AV	88.00	100	Horizontal	Pass
5	12495.892	52.97	74.0	21.03	Peak	359.00	300	Horizontal	Pass
5**	12495.892	42.79	54.0	11.21	AV	359.00	300	Horizontal	Pass
6	16672.549	55.91	74.0	18.09	Peak	98.00	400	Horizontal	Pass
6**	16672.549	45.26	54.0	8.74	AV	98.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1161.867	49.20	74.0	24.80	Peak	3.00	300	Vertical	Pass
1**	1161.867	34.80	54.0	19.20	AV	3.00	300	Vertical	Pass
2	1325.689	42.80	74.0	31.20	Peak	178.00	200	Vertical	Pass
2**	1325.689	31.65	54.0	22.36	AV	178.00	200	Vertical	Pass
3	4825.196	49.54	74.0	24.46	Peak	358.00	200	Vertical	Pass
3**	4825.196	40.90	54.0	13.11	AV	358.00	200	Vertical	Pass
4	7941.118	52.58	74.0	21.42	Peak	49.00	200	Vertical	Pass
4**	7941.118	44.26	54.0	9.74	AV	49.00	200	Vertical	Pass
5	12978.323	51.99	74.0	22.01	Peak	295.00	300	Vertical	Pass
5**	12978.323	42.58	54.0	11.42	AV	295.00	300	Vertical	Pass
6	17436.367	54.83	74.0	19.18	Peak	270.00	300	Vertical	Pass
6**	17436.367	42.48	54.0	11.52	AV	270.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1486.709	45.83	74.0	28.17	Peak	217.00	300	Horizontal	Pass
1**	1486.709	41.36	54.0	12.64	AV	217.00	300	Horizontal	Pass
2	3003.721	51.37	74.0	22.63	Peak	68.00	200	Horizontal	Pass
2**	3003.721	41.46	54.0	12.54	AV	68.00	200	Horizontal	Pass
3	5192.291	51.25	74.0	22.75	Peak	197.00	200	Horizontal	Pass
3**	5192.291	42.58	54.0	11.42	AV	197.00	200	Horizontal	Pass
4	7956.459	55.13	74.0	18.87	Peak	206.00	400	Horizontal	Pass
4**	7956.459	44.77	54.0	9.23	AV	206.00	400	Horizontal	Pass
5	12496.402	52.94	74.0	21.06	Peak	156.00	200	Horizontal	Pass
5**	12496.402	42.84	54.0	11.16	AV	156.00	200	Horizontal	Pass
6	16677.070	55.91	74.0	18.09	Peak	118.00	300	Horizontal	Pass
6**	16677.070	45.24	54.0	8.76	AV	118.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1165.034	49.74	74.0	24.26	Peak	118.00	100	Vertical	Pass
1**	1165.034	35.89	54.0	18.11	AV	118.00	100	Vertical	Pass
2	1330.748	43.97	74.0	30.03	Peak	144.00	100	Vertical	Pass
2**	1330.748	33.23	54.0	20.77	AV	144.00	100	Vertical	Pass
3	4821.146	50.41	74.0	23.59	Peak	270.00	200	Vertical	Pass
3**	4821.146	40.87	54.0	13.13	AV	270.00	200	Vertical	Pass
4	7936.279	53.65	74.0	20.36	Peak	90.00	400	Vertical	Pass
4**	7936.279	45.59	54.0	8.41	AV	90.00	400	Vertical	Pass
5	12979.050	53.65	74.0	20.35	Peak	68.00	400	Vertical	Pass
5**	12979.050	44.11	54.0	9.89	AV	68.00	400	Vertical	Pass
6	17443.279	56.04	74.0	17.96	Peak	329.00	300	Vertical	Pass
6**	17443.279	44.17	54.0	9.83	AV	329.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1481.207	44.60	74.0	29.40	Peak	204.00	400	Horizontal	Pass
1**	1481.207	40.54	54.0	13.46	AV	204.00	400	Horizontal	Pass
2	2999.579	49.99	74.0	24.01	Peak	278.00	100	Horizontal	Pass
2**	2999.579	41.21	54.0	12.79	AV	278.00	100	Horizontal	Pass
3	5194.225	50.97	74.0	23.03	Peak	41.00	200	Horizontal	Pass
3**	5194.225	41.92	54.0	12.08	AV	41.00	200	Horizontal	Pass
4	7957.809	54.47	74.0	19.53	Peak	154.00	400	Horizontal	Pass
4**	7957.809	44.48	54.0	9.52	AV	154.00	400	Horizontal	Pass
5	12493.542	52.30	74.0	21.70	Peak	196.00	100	Horizontal	Pass
5**	12493.542	41.27	54.0	12.73	AV	196.00	100	Horizontal	Pass
6	16675.412	55.11	74.0	18.89	Peak	354.00	100	Horizontal	Pass
6**	16675.412	44.44	54.0	9.56	AV	354.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1165.791	48.77	74.0	25.23	Peak	2.00	300	Vertical	Pass
1**	1165.791	35.59	54.0	18.41	AV	2.00	300	Vertical	Pass
2	1324.764	44.35	74.0	29.65	Peak	192.00	400	Vertical	Pass
2**	1324.764	33.10	54.0	20.90	AV	192.00	400	Vertical	Pass
3	4821.931	49.70	74.0	24.30	Peak	328.00	200	Vertical	Pass
3**	4821.931	40.23	54.0	13.77	AV	328.00	200	Vertical	Pass
4	7941.427	52.96	74.0	21.05	Peak	98.00	300	Vertical	Pass
4**	7941.427	44.99	54.0	9.01	AV	98.00	300	Vertical	Pass
5	12978.675	52.70	74.0	21.30	Peak	317.00	300	Vertical	Pass
5**	12978.675	43.91	54.0	10.09	AV	317.00	300	Vertical	Pass
6	17439.391	55.52	74.0	18.48	Peak	174.00	300	Vertical	Pass
6**	17439.391	43.26	54.0	10.74	AV	174.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.734	45.02	74.0	28.98	Peak	17.00	300	Horizontal	Pass
1**	1484.734	41.14	54.0	12.86	AV	17.00	300	Horizontal	Pass
2	3000.147	50.84	74.0	23.16	Peak	45.00	400	Horizontal	Pass
2**	3000.147	41.49	54.0	12.51	AV	45.00	400	Horizontal	Pass
3	5195.590	50.34	74.0	23.66	Peak	55.00	200	Horizontal	Pass
3**	5195.590	42.22	54.0	11.78	AV	55.00	200	Horizontal	Pass
4	7961.199	54.30	74.0	19.70	Peak	28.00	400	Horizontal	Pass
4**	7961.199	45.31	54.0	8.69	AV	28.00	400	Horizontal	Pass
5	12494.996	52.52	74.0	21.48	Peak	269.00	200	Horizontal	Pass
5**	12494.996	42.62	54.0	11.38	AV	269.00	200	Horizontal	Pass
6	16674.267	55.12	74.0	18.88	Peak	210.00	300	Horizontal	Pass
6**	16674.267	44.85	54.0	9.15	AV	210.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1160.542	49.37	74.0	24.63	Peak	9.00	300	Vertical	Pass
1**	1160.542	36.16	54.0	17.84	AV	9.00	300	Vertical	Pass
2	1326.671	44.88	74.0	29.12	Peak	290.00	400	Vertical	Pass
2**	1326.671	33.37	54.0	20.63	AV	290.00	400	Vertical	Pass
3	4820.483	50.39	74.0	23.61	Peak	145.00	200	Vertical	Pass
3**	4820.483	40.99	54.0	13.01	AV	145.00	200	Vertical	Pass
4	7941.321	54.32	74.0	19.69	Peak	27.00	200	Vertical	Pass
4**	7941.321	45.18	54.0	8.82	AV	27.00	200	Vertical	Pass
5	12974.136	53.13	74.0	20.87	Peak	208.00	100	Vertical	Pass
5**	12974.136	44.02	54.0	9.98	AV	208.00	100	Vertical	Pass
6	17438.831	55.93	74.0	18.07	Peak	75.00	200	Vertical	Pass
6**	17438.831	43.67	54.0	10.33	AV	75.00	200	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11ax20(SU) Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.704	44.81	74.0	29.19	Peak	68.00	400	Horizontal	Pass
1**	1485.704	40.28	54.0	13.72	AV	68.00	400	Horizontal	Pass
2	2998.480	49.87	74.0	24.13	Peak	62.00	400	Horizontal	Pass
2**	2998.480	41.11	54.0	12.89	AV	62.00	400	Horizontal	Pass
3	5195.108	50.99	74.0	23.01	Peak	13.00	200	Horizontal	Pass
3**	5195.108	42.31	54.0	11.69	AV	13.00	200	Horizontal	Pass
4	7956.491	54.49	74.0	19.51	Peak	246.00	200	Horizontal	Pass
4**	7956.491	44.28	54.0	9.72	AV	246.00	200	Horizontal	Pass
5	12500.490	52.32	74.0	21.68	Peak	232.00	200	Horizontal	Pass
5**	12500.490	41.38	54.0	12.62	AV	232.00	200	Horizontal	Pass
6	16677.939	55.03	74.0	18.97	Peak	257.00	200	Horizontal	Pass
6**	16677.939	44.31	54.0	9.69	AV	257.00	200	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11ax20(SU) Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1159.318	49.03	74.0	24.97	Peak	134.00	400	Vertical	Pass
1**	1159.318	36.00	54.0	18.00	AV	134.00	400	Vertical	Pass
2	1329.719	43.82	74.0	30.18	Peak	293.00	400	Vertical	Pass
2**	1329.719	33.00	54.0	21.00	AV	293.00	400	Vertical	Pass
3	4823.387	49.53	74.0	24.47	Peak	37.00	200	Vertical	Pass
3**	4823.387	40.62	54.0	13.38	AV	37.00	200	Vertical	Pass
4	7939.704	53.52	74.0	20.49	Peak	336.00	300	Vertical	Pass
4**	7939.704	44.82	54.0	9.18	AV	336.00	300	Vertical	Pass
5	12980.758	52.52	74.0	21.48	Peak	183.00	100	Vertical	Pass
5**	12980.758	43.92	54.0	10.08	AV	183.00	100	Vertical	Pass
6	17443.186	55.53	74.0	18.47	Peak	222.00	400	Vertical	Pass
6**	17443.186	43.31	54.0	10.69	AV	222.00	400	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11ax20(SU) Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1483.359	44.83	74.0	29.17	Peak	308.00	200	Horizontal	Pass
1**	1483.359	41.18	54.0	12.82	AV	308.00	200	Horizontal	Pass
2	2998.806	50.32	74.0	23.68	Peak	58.00	300	Horizontal	Pass
2**	2998.806	41.19	54.0	12.81	AV	58.00	300	Horizontal	Pass
3	5192.589	50.42	74.0	23.58	Peak	189.00	200	Horizontal	Pass
3**	5192.589	41.05	54.0	12.95	AV	189.00	200	Horizontal	Pass
4	7957.289	54.66	74.0	19.34	Peak	296.00	300	Horizontal	Pass
4**	7957.289	45.19	54.0	8.81	AV	296.00	300	Horizontal	Pass
5	12498.402	51.71	74.0	22.29	Peak	75.00	200	Horizontal	Pass
5**	12498.402	41.62	54.0	12.38	AV	75.00	200	Horizontal	Pass
6	16678.209	55.00	74.0	19.00	Peak	89.00	100	Horizontal	Pass
6**	16678.209	44.27	54.0	9.73	AV	89.00	100	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11ax20(SU) Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1162.717	49.75	74.0	24.25	Peak	164.00	300	Vertical	Pass
1**	1162.717	35.42	54.0	18.58	AV	164.00	300	Vertical	Pass
2	1331.294	43.81	74.0	30.19	Peak	243.00	100	Vertical	Pass
2**	1331.294	32.30	54.0	21.70	AV	243.00	100	Vertical	Pass
3	4819.503	50.23	74.0	23.77	Peak	179.00	200	Vertical	Pass
3**	4819.503	41.19	54.0	12.81	AV	179.00	200	Vertical	Pass
4	7938.661	53.17	74.0	20.84	Peak	141.00	200	Vertical	Pass
4**	7938.661	44.87	54.0	9.13	AV	141.00	200	Vertical	Pass
5	12974.208	52.79	74.0	21.21	Peak	341.00	300	Vertical	Pass
5**	12974.208	43.56	54.0	10.44	AV	341.00	300	Vertical	Pass
6	17437.849	56.25	74.0	17.75	Peak	78.00	300	Vertical	Pass
6**	17437.849	43.43	54.0	10.57	AV	78.00	300	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11ax20(SU) High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1488.224	45.62	74.0	28.38	Peak	24.00	200	Horizontal	Pass
1**	1488.224	40.98	54.0	13.02	AV	24.00	200	Horizontal	Pass
2	2998.351	50.45	74.0	23.55	Peak	65.00	200	Horizontal	Pass
2**	2998.351	40.94	54.0	13.06	AV	65.00	200	Horizontal	Pass
3	5197.334	50.57	74.0	23.43	Peak	228.00	200	Horizontal	Pass
3**	5197.334	41.75	54.0	12.25	AV	228.00	200	Horizontal	Pass
4	7957.933	54.54	74.0	19.46	Peak	252.00	100	Horizontal	Pass
4**	7957.933	45.38	54.0	8.62	AV	252.00	100	Horizontal	Pass
5	12499.643	52.18	74.0	21.82	Peak	75.00	200	Horizontal	Pass
5**	12499.643	42.64	54.0	11.36	AV	75.00	200	Horizontal	Pass
6	16678.513	55.97	74.0	18.03	Peak	292.00	200	Horizontal	Pass
6**	16678.513	45.28	54.0	8.72	AV	292.00	200	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11ax20(SU) High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1165.813	49.30	74.0	24.70	Peak	203.00	300	Vertical	Pass
1**	1165.813	36.82	54.0	17.18	AV	203.00	300	Vertical	Pass
2	1325.178	44.20	74.0	29.80	Peak	294.00	200	Vertical	Pass
2**	1325.178	32.91	54.0	21.09	AV	294.00	200	Vertical	Pass
3	4821.472	50.98	74.0	23.02	Peak	138.00	200	Vertical	Pass
3**	4821.472	41.47	54.0	12.53	AV	138.00	200	Vertical	Pass
4	7934.604	53.74	74.0	20.27	Peak	215.00	200	Vertical	Pass
4**	7934.604	44.71	54.0	9.29	AV	215.00	200	Vertical	Pass
5	12978.511	53.20	74.0	20.80	Peak	21.00	200	Vertical	Pass
5**	12978.511	44.01	54.0	9.99	AV	21.00	200	Vertical	Pass
6	17440.351	56.12	74.0	17.88	Peak	238.00	100	Vertical	Pass
6**	17440.351	44.13	54.0	9.87	AV	238.00	100	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11ax40(SU) Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1486.223	45.22	74.0	28.78	Peak	201.00	300	Horizontal	Pass
1**	1486.223	40.72	54.0	13.28	AV	201.00	300	Horizontal	Pass
2	2998.841	50.67	74.0	23.33	Peak	312.00	400	Horizontal	Pass
2**	2998.841	41.39	54.0	12.61	AV	312.00	400	Horizontal	Pass
3	5195.002	50.95	74.0	23.05	Peak	193.00	200	Horizontal	Pass
3**	5195.002	42.25	54.0	11.75	AV	193.00	200	Horizontal	Pass
4	7960.186	55.13	74.0	18.87	Peak	40.00	100	Horizontal	Pass
4**	7960.186	45.23	54.0	8.77	AV	40.00	100	Horizontal	Pass
5	12495.497	52.26	74.0	21.74	Peak	340.00	300	Horizontal	Pass
5**	12495.497	42.62	54.0	11.38	AV	340.00	300	Horizontal	Pass
6	16676.780	55.11	74.0	18.89	Peak	116.00	100	Horizontal	Pass
6**	16676.780	45.07	54.0	8.93	AV	116.00	100	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11ax40(SU) Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1160.305	49.33	74.0	24.67	Peak	11.00	300	Vertical	Pass
1**	1160.305	36.07	54.0	17.93	AV	11.00	300	Vertical	Pass
2	1330.749	44.92	74.0	29.08	Peak	22.00	400	Vertical	Pass
2**	1330.749	33.02	54.0	20.98	AV	22.00	400	Vertical	Pass
3	4819.001	50.45	74.0	23.55	Peak	104.00	200	Vertical	Pass
3**	4819.001	41.52	54.0	12.48	AV	104.00	200	Vertical	Pass
4	7935.268	53.92	74.0	20.09	Peak	38.00	400	Vertical	Pass
4**	7935.268	44.76	54.0	9.24	AV	38.00	400	Vertical	Pass
5	12976.257	53.51	74.0	20.49	Peak	156.00	400	Vertical	Pass
5**	12976.257	44.82	54.0	9.18	AV	156.00	400	Vertical	Pass
6	17435.985	55.56	74.0	18.44	Peak	192.00	400	Vertical	Pass
6**	17435.985	43.94	54.0	10.06	AV	192.00	400	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11ax40(SU) Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.536	45.23	74.0	28.77	Peak	150.00	400	Horizontal	Pass
1**	1485.536	40.53	54.0	13.47	AV	150.00	400	Horizontal	Pass
2	2996.700	50.09	74.0	23.91	Peak	324.00	400	Horizontal	Pass
2**	2996.700	40.45	54.0	13.55	AV	324.00	400	Horizontal	Pass
3	5195.285	50.39	74.0	23.61	Peak	129.00	200	Horizontal	Pass
3**	5195.285	41.79	54.0	12.21	AV	129.00	200	Horizontal	Pass
4	7955.204	54.58	74.0	19.42	Peak	163.00	100	Horizontal	Pass
4**	7955.204	44.50	54.0	9.50	AV	163.00	100	Horizontal	Pass
5	12493.077	51.42	74.0	22.58	Peak	75.00	200	Horizontal	Pass
5**	12493.077	41.36	54.0	12.64	AV	75.00	200	Horizontal	Pass
6	16675.094	54.46	74.0	19.54	Peak	24.00	300	Horizontal	Pass
6**	16675.094	43.88	54.0	10.12	AV	24.00	300	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11ax40(SU) Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1160.160	49.29	74.0	24.71	Peak	256.00	400	Vertical	Pass
1**	1160.160	35.72	54.0	18.28	AV	256.00	400	Vertical	Pass
2	1328.833	44.05	74.0	29.95	Peak	216.00	300	Vertical	Pass
2**	1328.833	32.24	54.0	21.76	AV	216.00	300	Vertical	Pass
3	4822.902	49.49	74.0	24.51	Peak	10.00	200	Vertical	Pass
3**	4822.902	39.96	54.0	14.04	AV	10.00	200	Vertical	Pass
4	7935.743	52.87	74.0	21.14	Peak	335.00	300	Vertical	Pass
4**	7935.743	45.40	54.0	8.60	AV	335.00	300	Vertical	Pass
5	12975.588	52.73	74.0	21.27	Peak	210.00	300	Vertical	Pass
5**	12975.588	43.88	54.0	10.12	AV	210.00	300	Vertical	Pass
6	17442.094	54.69	74.0	19.31	Peak	301.00	100	Vertical	Pass
6**	17442.094	43.31	54.0	10.69	AV	301.00	100	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11ax40(SU) High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1483.756	44.89	74.0	29.11	Peak	315.00	100	Horizontal	Pass
1**	1483.756	40.65	54.0	13.35	AV	315.00	100	Horizontal	Pass
2	2999.627	50.93	74.0	23.07	Peak	131.00	200	Horizontal	Pass
2**	2999.627	41.09	54.0	12.91	AV	131.00	200	Horizontal	Pass
3	5198.918	51.10	74.0	22.90	Peak	243.00	200	Horizontal	Pass
3**	5198.918	41.68	54.0	12.32	AV	243.00	200	Horizontal	Pass
4	7960.132	54.51	74.0	19.49	Peak	201.00	200	Horizontal	Pass
4**	7960.132	45.46	54.0	8.54	AV	201.00	200	Horizontal	Pass
5	12497.128	51.33	74.0	22.67	Peak	298.00	200	Horizontal	Pass
5**	12497.128	41.91	54.0	12.09	AV	298.00	200	Horizontal	Pass
6	16676.911	55.17	74.0	18.83	Peak	275.00	300	Horizontal	Pass
6**	16676.911	44.69	54.0	9.31	AV	275.00	300	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11ax40(SU) High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1164.322	49.44	74.0	24.56	Peak	178.00	100	Vertical	Pass
1**	1164.322	35.21	54.0	18.79	AV	178.00	100	Vertical	Pass
2	1323.900	44.25	74.0	29.75	Peak	8.00	400	Vertical	Pass
2**	1323.900	32.72	54.0	21.28	AV	8.00	400	Vertical	Pass
3	4821.846	50.55	74.0	23.45	Peak	259.00	200	Vertical	Pass
3**	4821.846	40.88	54.0	13.12	AV	259.00	200	Vertical	Pass
4	7938.573	53.49	74.0	20.52	Peak	234.00	400	Vertical	Pass
4**	7938.573	44.85	54.0	9.15	AV	234.00	400	Vertical	Pass
5	12981.799	52.66	74.0	21.34	Peak	76.00	400	Vertical	Pass
5**	12981.799	43.90	54.0	10.10	AV	76.00	400	Vertical	Pass
6	17436.423	55.69	74.0	18.31	Peak	302.00	300	Vertical	Pass
6**	17436.423	43.34	54.0	10.66	AV	302.00	300	Vertical	Pass

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

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

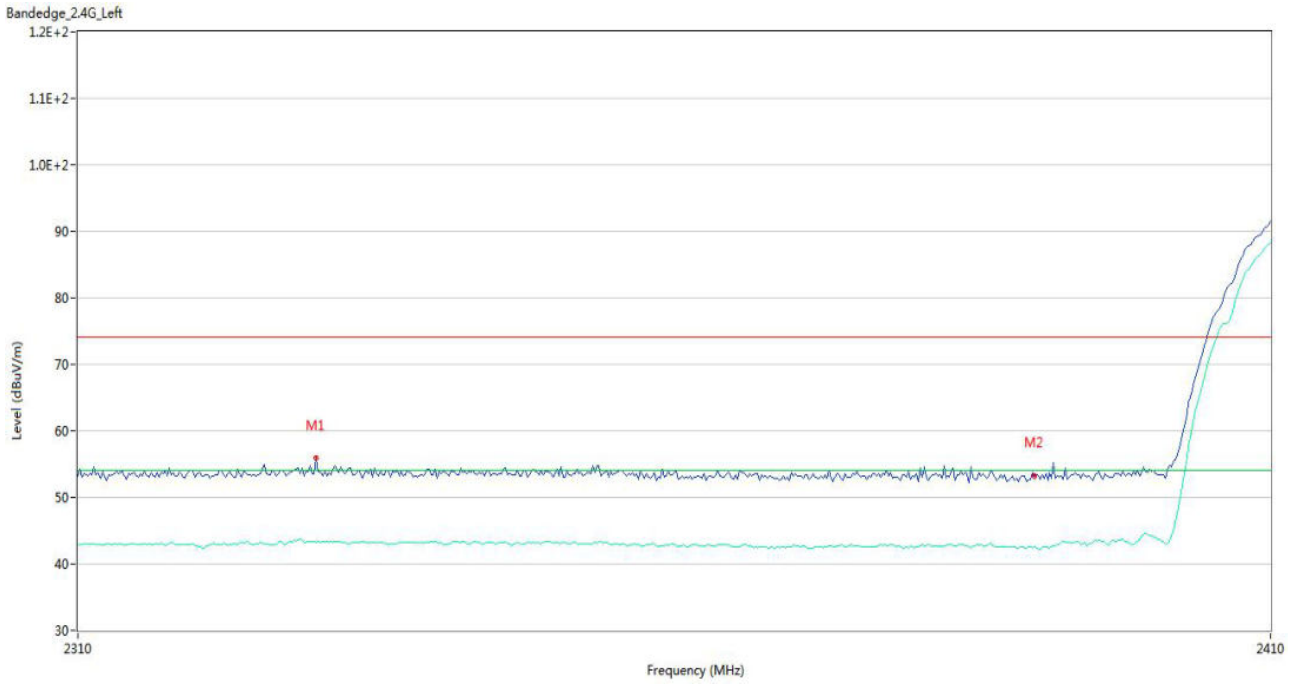
Note [2]: The test data all are tested in the vertical and horizontal antenna which the trace is max hold. So these plots have shown the worst case.

Note [3]: According the ANSI C63.10-2020, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

Note [4]: Both horizontal and vertical directions were pre tested, only the worst configuration has been reported in this report.

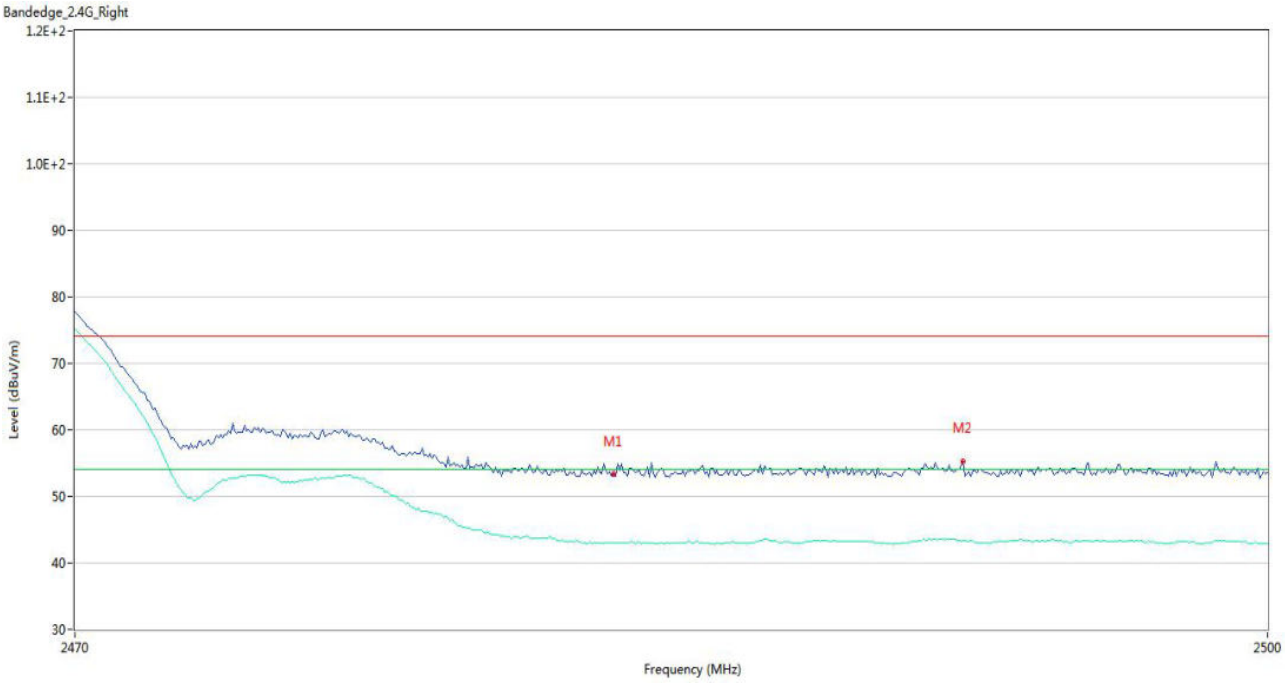
Test Data and Plots

802.11b LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2329.667	55.86	74.0	18.14	Peak	162.00	300	Horizontal	Pass
1**	2329.667	43.30	54.0	10.70	AV	162.00	300	Horizontal	Pass
2	2389.833	53.25	74.0	20.75	Peak	222.00	100	Horizontal	Pass
2**	2389.833	42.53	54.0	11.47	AV	222.00	100	Horizontal	Pass

802.11b HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	53.38	74.0	20.62	Peak	243.00	200	Horizontal	Pass
1**	2483.500	43.10	54.0	10.90	AV	243.00	200	Horizontal	Pass
2	2492.300	55.29	74.0	18.71	Peak	277.00	200	Horizontal	Pass
2**	2492.300	43.37	54.0	10.63	AV	277.00	200	Horizontal	Pass

802.11g LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2336.093	54.70	74.0	19.30	Peak	238.00	200	Horizontal	Pass
1**	2336.093	42.77	54.0	11.23	AV	238.00	200	Horizontal	Pass
2	2390.000	55.94	74.0	18.06	Peak	119.00	300	Horizontal	Pass
2**	2390.000	42.60	54.0	11.40	AV	119.00	300	Horizontal	Pass

802.11g HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	55.79	74.0	18.21	Peak	277.00	100	Horizontal	Pass
1**	2483.500	42.34	54.0	11.66	AV	277.00	100	Horizontal	Pass
2	2486.276	56.27	74.0	17.73	Peak	131.00	200	Horizontal	Pass
2**	2486.276	42.64	54.0	11.36	AV	131.00	200	Horizontal	Pass

802.11n20 LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2387.639	56.53	74.0	17.47	Peak	14.00	100	Horizontal	Pass
1**	2387.639	42.63	54.0	11.37	AV	14.00	100	Horizontal	Pass
2	2390.000	56.12	74.0	17.88	Peak	270.00	300	Horizontal	Pass
2**	2390.000	42.25	54.0	11.75	AV	270.00	300	Horizontal	Pass

802.11n20 HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	59.38	74.0	14.62	Peak	90.00	200	Horizontal	Pass
1**	2483.500	48.19	54.0	11.81	AV	90.00	200	Horizontal	Pass
2	2485.306	12.86	74.0	15.14	Peak	330.00	200	Horizontal	Pass
2**	2485.306	43.10	54.0	10.90	AV	330.00	200	Horizontal	Pass

802.11n40 LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2388.003	58.21	74.0	15.79	Peak	326.00	200	Horizontal	Pass
1**	2388.003	42.41	54.0	11.59	AV	326.00	200	Horizontal	Pass
2	2390.000	57.72	74.0	16.28	Peak	286.00	200	Horizontal	Pass
2**	2390.000	43.12	54.0	10.88	AV	286.00	200	Horizontal	Pass

802.11n40 HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	59.60	74.0	14.40	Peak	83.00	200	Horizontal	Pass
1**	2483.500	42.58	54.0	11.42	AV	83.00	200	Horizontal	Pass
2	2484.761	60.78	74.0	13.22	Peak	346.00	100	Horizontal	Pass
2**	2484.761	42.86	54.0	11.15	AV	346.00	100	Horizontal	Pass

802.11ax20(SU) LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2387.298	56.09	74.0	17.91	Peak	103.00	100	Horizontal	Pass
1**	2387.298	43.23	54.0	10.77	AV	103.00	100	Horizontal	Pass
2	2390.000	56.06	74.0	17.94	Peak	5.00	200	Horizontal	Pass
2**	2390.000	42.23	54.0	11.77	AV	5.00	200	Horizontal	Pass

802.11ax20(SU) HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	59.32	74.0	14.68	Peak	55.00	200	Horizontal	Pass
1**	2483.500	42.05	54.0	11.95	AV	55.00	200	Horizontal	Pass
2	2485.959	58.72	74.0	15.28	Peak	86.00	100	Horizontal	Pass
2**	2485.959	42.00	54.0	11.00	AV	86.00	100	Horizontal	Pass

802.11ax40(SU) LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2387.354	58.04	74.0	15.96	Peak	297.00	300	Horizontal	Pass
1**	2387.354	43.01	54.0	10.99	AV	297.00	300	Horizontal	Pass
2	2390.000	57.53	74.0	16.47	Peak	106.00	200	Horizontal	Pass
2**	2390.000	42.75	54.0	11.25	AV	106.00	200	Horizontal	Pass

802.11ax40(SU) HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	57.99	74.0	16.01	Peak	198.00	200	Horizontal	Pass
1**	2483.500	42.42	54.0	11.58	AV	198.00	200	Horizontal	Pass
2	2487.395	58.18	74.0	15.82	Peak	213.00	300	Horizontal	Pass
2**	2487.395	42.32	54.0	11.68	AV	213.00	300	Horizontal	Pass

A.8 Power Spectral Density (PSD)

Test Data

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-8.02	8
Middle	-8.51	8
High	-7.76	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-7.66	8
Middle	-8.71	8
High	-8.47	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-10.29	8
Middle	-9.76	8
High	-10.85	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-11.85	8
Middle	-12.10	8
High	-11.90	8

802.11ax-20 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-11.51	8
Middle	-10.34	8
High	-11.89	8

802.11ax-40 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-14.71	8
Middle	-13.41	8
High	-12.29	8

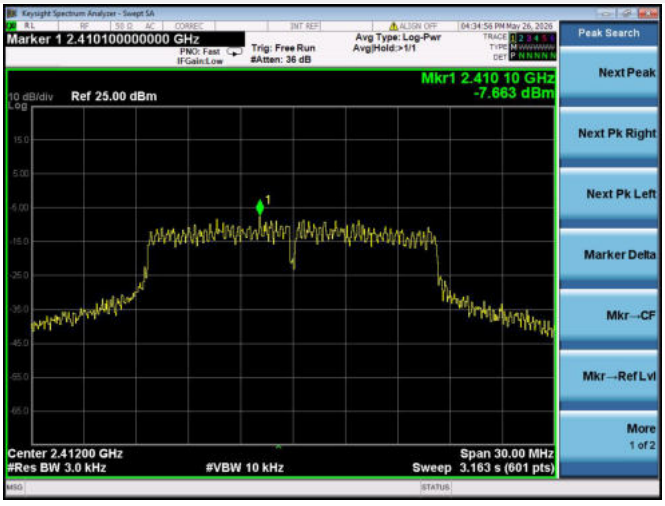
Test Plots

802.11b LOW CHANNEL

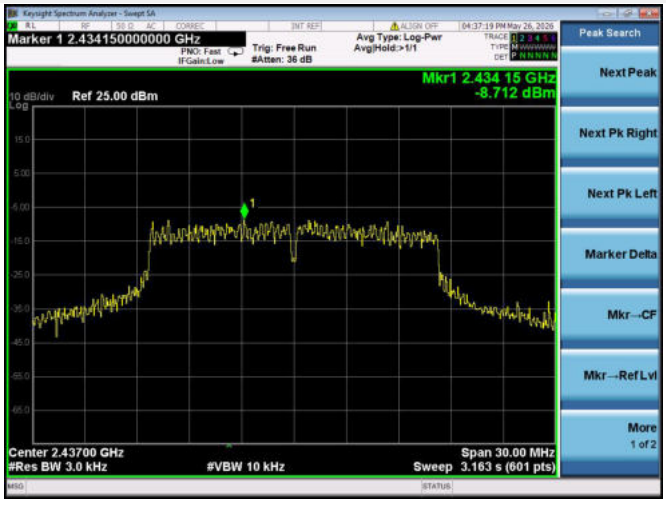
802.11b MIDDLE CHANNEL

802.11b HIGH CHANNEL

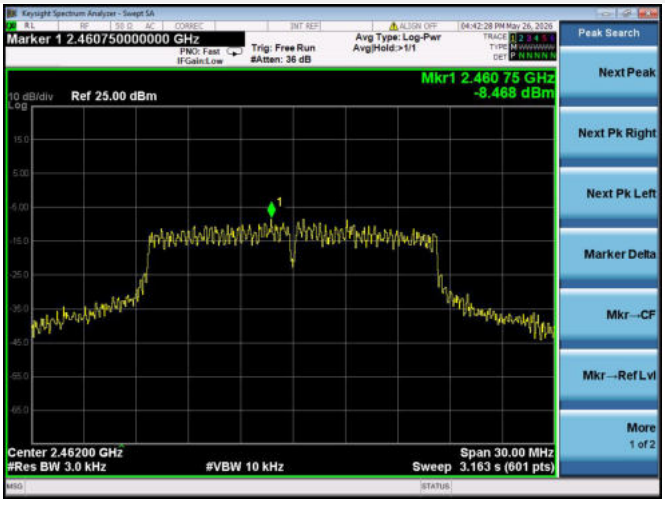
802.11g LOW CHANNEL



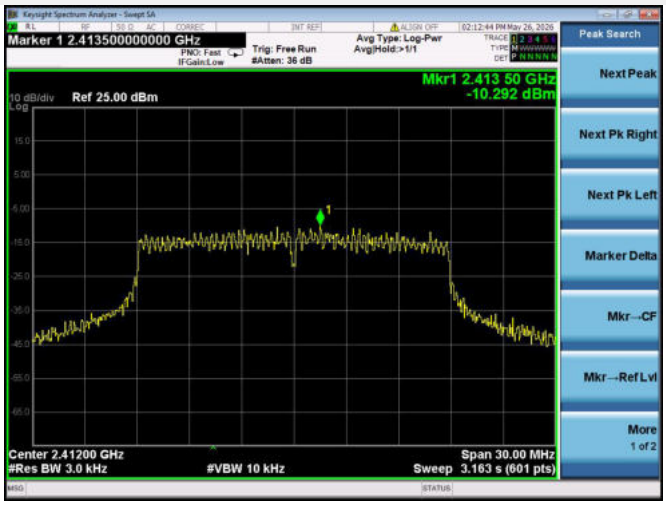
802.11g MIDDLE CHANNEL



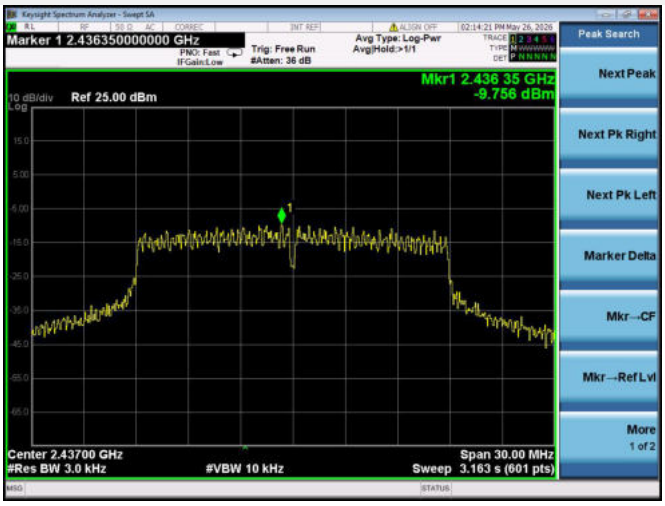
802.11g HIGH CHANNEL



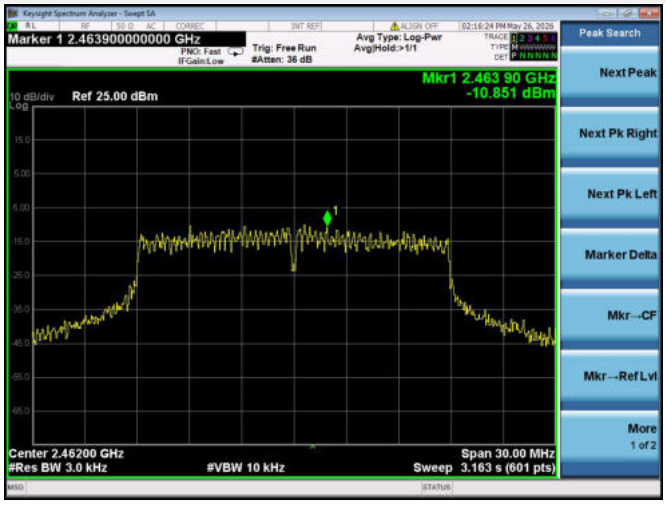
802.11n-20 MHz LOW CHANNEL



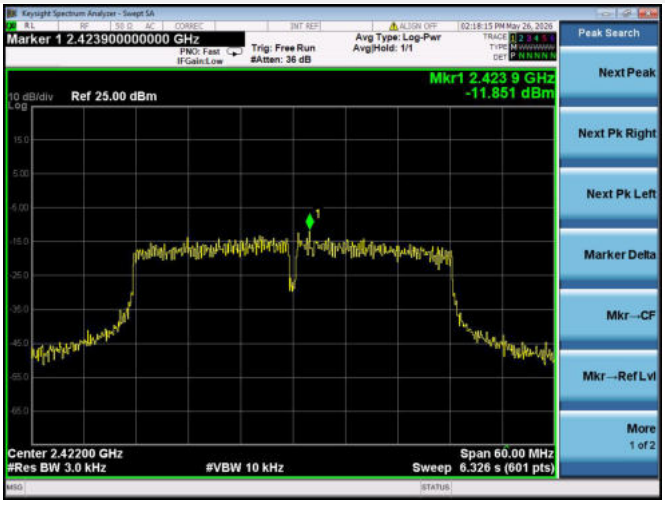
802.11n-20 MHz MIDDLE CHANNEL



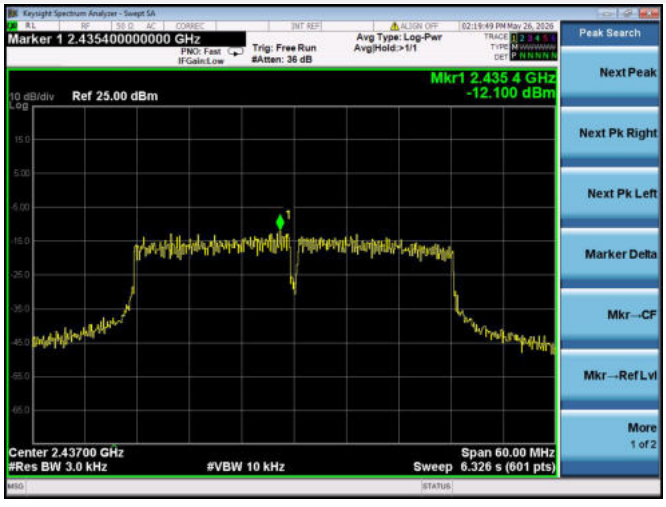
802.11n-20 MHz HIGH CHANNEL



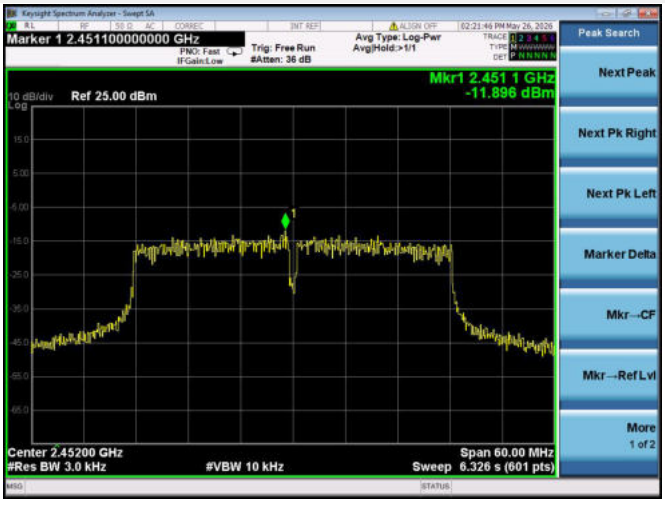
802.11n-40 MHz LOW CHANNEL



802.11n-40 MHz MIDDLE CHANNEL

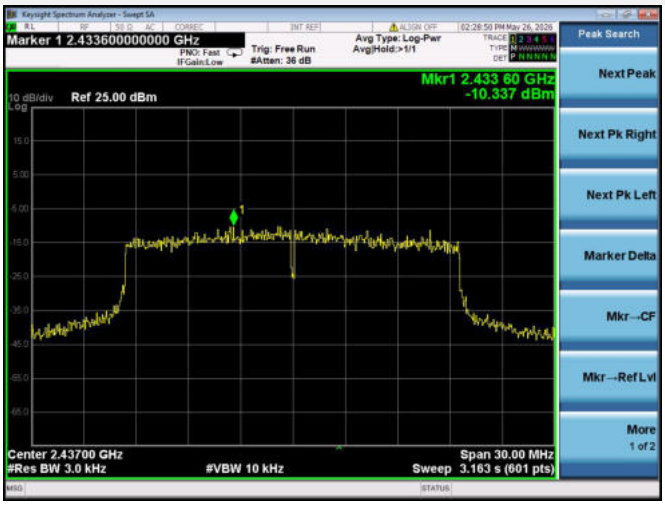


802.11n-40 MHz HIGH CHANNEL



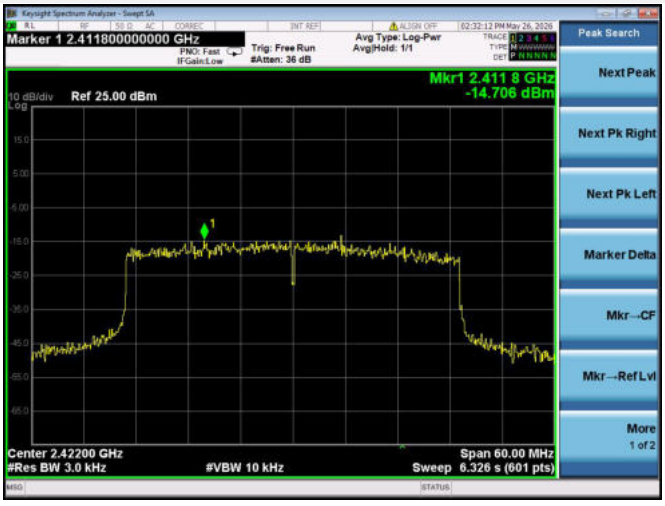
802.11ax-20 MHz(SU) LOW CHANNEL

802.11ax-20 MHz(SU) MIDDLE CHANNEL

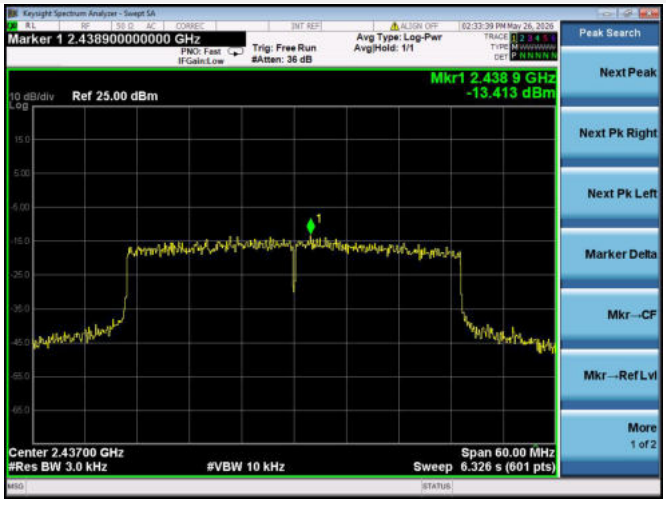


802.11ax-20 MHz(SU) HIGH CHANNEL

802.11ax-40 MHz(SU) LOW CHANNEL



802.11ax-40 MHz(SU) MIDDLE CHANNEL



802.11ax-40 MHz(SU) HIGH CHANNEL

ANNEX B TEST SETUP PHOTOS

Please refer the document “Ti-EE26050102-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “Ti-EE26050102-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “Ti-EE26050102-AI.PDF”.

Statement

1. The laboratory guarantees the scientificity, accuracy and impartiality of the test, and is responsible for all the information in the report, except the information provided by the customer. The customer is responsible for the impact of the information provided on the validity of the results.
2. The report without China inspection body and laboratory Mandatory Approval (CMA) mark has no effect of proving to the society.
3. For the report with CNAS mark or A2LA mark, the items marked with "☆" are not within the accredited scope.
4. This report is invalid if it is altered, without the signature of the testing and approval personnel, or without the “inspection and testing dedicated stamp” or test report stamp.
5. The test data and results are only valid for the tested samples provided by the customer.
6. This report shall not be partially reproduced without the written permission of the laboratory.
7. Any objection shall be raised to the laboratory within 30 days after receiving the report.

--END OF REPORT--