

A.6 Radiated Emission

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

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

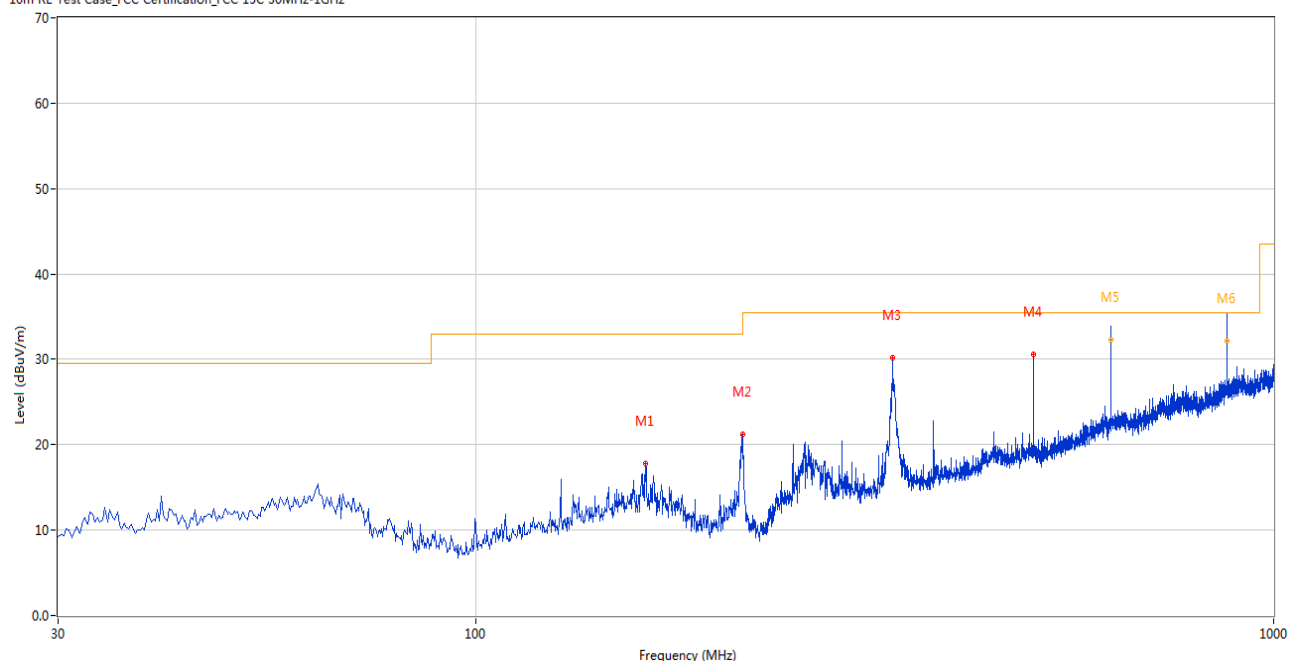
Note³: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

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

Test Data and Plots

30 MHz to 1 GHz, ANT H

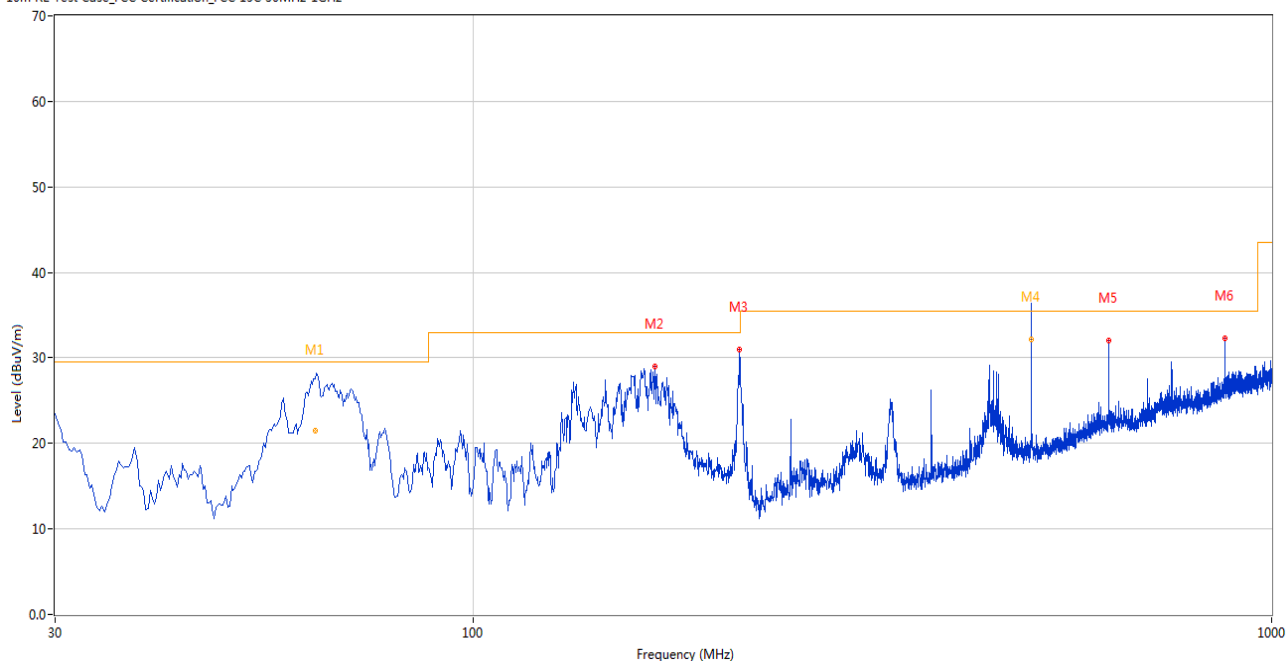
10m RE Test Case_FCC Certification_FCC 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	163.342	17.79	-25.72	33.0	15.21	Peak	273.00	200	Horizontal	Pass
2	216.193	21.19	-28.86	35.5	14.31	Peak	100.00	200	Horizontal	Pass
3	333.292	30.23	-24.01	35.5	5.27	Peak	313.00	200	Horizontal	Pass
4	499.848	30.62	-19.33	35.5	4.88	Peak	124.00	200	Horizontal	Pass
5	624.983	33.57	-15.73	35.5	1.93	Peak	254.00	145	Horizontal	N/A
5*	624.983	32.28	-15.73	35.5	3.22	QP	254.00	145	Horizontal	Pass
6	874.975	35.56	-11.18	35.5	-0.06	Peak	152.00	102	Horizontal	N/A
6*	874.975	32.20	-11.18	35.5	3.30	QP	152.00	102	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	63.479	25.60	-27.02	29.5	3.90	Peak	143.00	147	Vertical	N/A
1*	63.479	21.47	-27.02	29.5	8.03	QP	143.00	147	Vertical	Pass
2	169.160	28.96	-26.10	33.0	4.04	Peak	226.00	100	Vertical	Pass
3	215.709	31.01	-28.90	33.0	1.99	Peak	72.00	100	Vertical	Pass
4	499.986	34.04	-19.33	35.5	1.46	Peak	233.00	100	Vertical	N/A
4*	499.986	32.13	-19.33	35.5	3.37	QP	233.00	100	Vertical	Pass
5	624.946	32.02	-15.73	35.5	3.48	Peak	25.00	200	Vertical	Pass
6	874.901	32.35	-11.18	35.5	3.15	Peak	171.00	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.

Note ³: All the configurations were pre tested, only the worst configuration has been reported in this report.

Note ⁴: All antenna were pre tested, but only the worst case has been reported in this report.

Main Antenna

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	1330.747	42.45	74.0	31.55	Peak	347.00	200	Horizontal	Pass
1**	1330.747	38.36	54.0	15.64	AV	347.00	200	Horizontal	Pass
2	3000.364	47.87	74.0	26.13	Peak	123.00	100	Horizontal	Pass
2**	3000.364	39.66	54.0	14.34	AV	123.00	100	Horizontal	Pass
3	4936.440	49.99	74.0	24.01	Peak	152.00	200	Horizontal	Pass
3**	4936.440	40.53	54.0	13.47	AV	152.00	200	Horizontal	Pass
4	6804.875	55.35	74.0	18.65	Peak	250.00	400	Horizontal	Pass
4**	6804.875	42.43	54.0	11.57	AV	250.00	400	Horizontal	Pass
5	13410.228	52.62	74.0	21.38	Peak	202.00	300	Horizontal	Pass
5**	13410.228	45.36	54.0	8.64	AV	202.00	300	Horizontal	Pass
6	17427.135	55.18	74.0	18.82	Peak	153.00	300	Horizontal	Pass
6**	17427.135	45.11	54.0	8.89	AV	153.00	300	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	1332.463	46.35	74.0	27.65	Peak	147.00	100	Vertical	Pass
1**	1332.463	36.50	54.0	17.50	AV	147.00	100	Vertical	Pass
2	2982.437	47.58	74.0	26.42	Peak	253.00	400	Vertical	Pass
2**	2982.437	42.81	54.0	11.19	AV	253.00	400	Vertical	Pass
3	4857.971	50.15	74.0	23.85	Peak	47.00	200	Vertical	Pass
3**	4857.971	40.11	54.0	13.89	AV	47.00	200	Vertical	Pass
4	6604.777	55.15	74.0	18.85	Peak	32.00	400	Vertical	Pass
4**	6604.777	46.10	54.0	7.90	AV	32.00	400	Vertical	Pass
5	13431.439	53.25	74.0	20.75	Peak	129.00	200	Vertical	Pass
5**	13431.439	45.88	54.0	8.12	AV	129.00	200	Vertical	Pass
6	17420.249	55.83	74.0	18.17	Peak	48.00	400	Vertical	Pass
6**	17420.249	47.13	54.0	6.87	AV	48.00	400	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	1326.009	43.31	74.0	30.69	Peak	29.00	400	Horizontal	Pass
1**	1326.009	39.55	54.0	14.45	AV	29.00	400	Horizontal	Pass
2	3000.551	51.39	74.0	22.61	Peak	192.00	100	Horizontal	Pass
2**	3000.551	39.59	54.0	14.41	AV	192.00	100	Horizontal	Pass
3	4932.287	53.19	74.0	20.81	Peak	312.00	200	Horizontal	Pass
3**	4932.287	40.38	54.0	13.62	AV	312.00	200	Horizontal	Pass
4	6806.206	57.38	74.0	16.62	Peak	66.00	200	Horizontal	Pass
4**	6806.206	45.07	54.0	8.93	AV	66.00	200	Horizontal	Pass
5	13412.279	58.12	74.0	15.88	Peak	346.00	300	Horizontal	Pass
5**	13412.279	48.88	54.0	5.12	AV	346.00	300	Horizontal	Pass
6	17425.475	57.65	74.0	16.35	Peak	137.00	300	Horizontal	Pass
6**	17425.475	50.07	54.0	3.93	AV	137.00	300	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	1333.084	42.72	74.0	31.28	Peak	167.00	100	Vertical	Pass
1**	1333.084	40.50	54.0	13.50	AV	167.00	100	Vertical	Pass
2	2983.077	47.93	74.0	26.07	Peak	359.00	200	Vertical	Pass
2**	2983.077	43.97	54.0	10.03	AV	359.00	200	Vertical	Pass
3	4855.608	52.35	74.0	21.65	Peak	281.00	200	Vertical	Pass
3**	4855.608	41.08	54.0	12.92	AV	281.00	200	Vertical	Pass
4	6609.546	55.44	74.0	18.56	Peak	174.00	300	Vertical	Pass
4**	6609.546	44.52	54.0	9.48	AV	174.00	300	Vertical	Pass
5	13434.049	58.07	74.0	15.93	Peak	155.00	100	Vertical	Pass
5**	13434.049	44.38	54.0	9.62	AV	155.00	100	Vertical	Pass
6	17413.510	59.62	74.0	14.38	Peak	63.00	300	Vertical	Pass
6**	17413.510	44.57	54.0	9.43	AV	63.00	300	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	1330.940	46.97	74.0	27.03	Peak	245.00	400	Horizontal	Pass
1**	1330.940	36.60	54.0	17.40	AV	245.00	400	Horizontal	Pass
2	2998.393	52.12	74.0	21.88	Peak	272.00	400	Horizontal	Pass
2**	2998.393	44.24	54.0	9.76	AV	272.00	400	Horizontal	Pass
3	4932.717	49.59	74.0	24.41	Peak	192.00	200	Horizontal	Pass
3**	4932.717	38.83	54.0	15.17	AV	192.00	200	Horizontal	Pass
4	6808.841	56.38	74.0	17.62	Peak	268.00	400	Horizontal	Pass
4**	6808.841	44.63	54.0	9.37	AV	268.00	400	Horizontal	Pass
5	13409.459	54.96	74.0	19.04	Peak	246.00	100	Horizontal	Pass
5**	13409.459	47.34	54.0	6.66	AV	246.00	100	Horizontal	Pass
6	17423.029	56.95	74.0	17.05	Peak	110.00	100	Horizontal	Pass
6**	17423.029	49.77	54.0	4.23	AV	110.00	100	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	1329.206	46.98	74.0	27.02	Peak	281.00	200	Vertical	Pass
1**	1329.206	38.94	54.0	15.06	AV	281.00	200	Vertical	Pass
2	2982.618	49.89	74.0	24.11	Peak	113.00	300	Vertical	Pass
2**	2982.618	38.96	54.0	15.04	AV	113.00	300	Vertical	Pass
3	4854.352	52.47	74.0	21.53	Peak	79.00	200	Vertical	Pass
3**	4854.352	42.39	54.0	11.61	AV	79.00	200	Vertical	Pass
4	6605.902	56.27	74.0	17.73	Peak	305.00	100	Vertical	Pass
4**	6605.902	45.02	54.0	8.98	AV	305.00	100	Vertical	Pass
5	13437.016	58.27	74.0	15.73	Peak	103.00	300	Vertical	Pass
5**	13437.016	49.12	54.0	4.88	AV	103.00	300	Vertical	Pass
6	17419.870	58.93	74.0	15.07	Peak	312.00	100	Vertical	Pass
6**	17419.870	49.85	54.0	4.15	AV	312.00	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	1333.499	43.91	74.0	30.09	Peak	33.00	100	Horizontal	Pass
1**	1333.499	35.28	54.0	18.72	AV	33.00	100	Horizontal	Pass
2	2997.594	51.24	74.0	22.76	Peak	294.00	100	Horizontal	Pass
2**	2997.594	42.43	54.0	11.57	AV	294.00	100	Horizontal	Pass
3	4934.267	52.98	74.0	21.02	Peak	143.00	200	Horizontal	Pass
3**	4934.267	39.67	54.0	14.33	AV	143.00	200	Horizontal	Pass
4	6809.091	52.15	74.0	21.85	Peak	30.00	400	Horizontal	Pass
4**	6809.091	45.76	54.0	8.24	AV	30.00	400	Horizontal	Pass
5	13412.971	57.58	74.0	16.42	Peak	218.00	300	Horizontal	Pass
5**	13412.971	43.76	54.0	10.24	AV	218.00	300	Horizontal	Pass
6	17426.252	53.53	74.0	20.47	Peak	359.00	400	Horizontal	Pass
6**	17426.252	50.39	54.0	3.61	AV	359.00	400	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	1330.234	47.70	74.0	26.30	Peak	328.00	100	Vertical	Pass
1**	1330.234	37.14	54.0	16.86	AV	328.00	100	Vertical	Pass
2	2979.432	52.58	74.0	21.42	Peak	195.00	200	Vertical	Pass
2**	2979.432	40.45	54.0	13.55	AV	195.00	200	Vertical	Pass
3	4857.402	52.36	74.0	21.64	Peak	224.00	200	Vertical	Pass
3**	4857.402	42.33	54.0	11.67	AV	224.00	200	Vertical	Pass
4	6610.746	53.13	74.0	20.87	Peak	38.00	300	Vertical	Pass
4**	6610.746	46.00	54.0	8.00	AV	38.00	300	Vertical	Pass
5	13436.954	55.57	74.0	18.43	Peak	210.00	200	Vertical	Pass
5**	13436.954	44.00	54.0	10.00	AV	210.00	200	Vertical	Pass
6	17415.929	56.83	74.0	17.17	Peak	68.00	100	Vertical	Pass
6**	17415.929	47.84	54.0	6.16	AV	68.00	100	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	1330.061	43.24	74.0	30.76	Peak	223.00	100	Horizontal	Pass
1**	1330.061	37.47	54.0	16.53	AV	223.00	100	Horizontal	Pass
2	2992.648	51.97	74.0	22.03	Peak	164.00	400	Horizontal	Pass
2**	2992.648	43.74	54.0	10.26	AV	164.00	400	Horizontal	Pass
3	4932.329	52.54	74.0	21.46	Peak	244.00	200	Horizontal	Pass
3**	4932.329	38.77	54.0	15.23	AV	244.00	200	Horizontal	Pass
4	6804.648	54.97	74.0	19.03	Peak	312.00	200	Horizontal	Pass
4**	6804.648	44.69	54.0	9.31	AV	312.00	200	Horizontal	Pass
5	13407.316	57.83	74.0	16.17	Peak	125.00	200	Horizontal	Pass
5**	13407.316	46.00	54.0	8.00	AV	125.00	200	Horizontal	Pass
6	17424.037	58.71	74.0	15.29	Peak	166.00	300	Horizontal	Pass
6**	17424.037	47.54	54.0	6.46	AV	166.00	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	1333.334	44.31	74.0	29.69	Peak	84.00	300	Vertical	Pass
1**	1333.334	35.51	54.0	18.49	AV	84.00	300	Vertical	Pass
2	2979.015	49.58	74.0	24.42	Peak	325.00	400	Vertical	Pass
2**	2979.015	43.49	54.0	10.51	AV	325.00	400	Vertical	Pass
3	4851.809	47.45	74.0	26.55	Peak	78.00	200	Vertical	Pass
3**	4851.809	39.12	54.0	14.88	AV	78.00	200	Vertical	Pass
4	6604.690	52.60	74.0	21.40	Peak	114.00	200	Vertical	Pass
4**	6604.690	46.55	54.0	7.45	AV	114.00	200	Vertical	Pass
5	13432.377	58.36	74.0	15.64	Peak	88.00	400	Vertical	Pass
5**	13432.377	43.46	54.0	10.54	AV	88.00	400	Vertical	Pass
6	17419.962	58.05	74.0	15.95	Peak	320.00	400	Vertical	Pass
6**	17419.962	49.77	54.0	4.23	AV	320.00	400	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	1330.217	46.99	74.0	27.01	Peak	24.00	300	Horizontal	Pass
1**	1330.217	39.77	54.0	14.23	AV	24.00	300	Horizontal	Pass
2	2994.177	50.15	74.0	23.85	Peak	32.00	100	Horizontal	Pass
2**	2994.177	43.49	54.0	10.51	AV	32.00	100	Horizontal	Pass
3	4931.429	53.64	74.0	20.36	Peak	88.00	200	Horizontal	Pass
3**	4931.429	41.84	54.0	12.16	AV	88.00	200	Horizontal	Pass
4	6808.520	56.40	74.0	17.60	Peak	316.00	300	Horizontal	Pass
4**	6808.520	44.68	54.0	9.32	AV	316.00	300	Horizontal	Pass
5	13413.304	54.86	74.0	19.14	Peak	98.00	300	Horizontal	Pass
5**	13413.304	49.23	54.0	4.77	AV	98.00	300	Horizontal	Pass
6	17424.710	58.02	74.0	15.98	Peak	244.00	400	Horizontal	Pass
6**	17424.710	47.43	54.0	6.57	AV	244.00	400	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	1332.739	42.31	74.0	31.69	Peak	288.00	100	Vertical	Pass
1**	1332.739	39.00	54.0	15.00	AV	288.00	100	Vertical	Pass
2	2979.594	50.25	74.0	23.75	Peak	302.00	300	Vertical	Pass
2**	2979.594	41.96	54.0	12.04	AV	302.00	300	Vertical	Pass
3	4853.694	47.57	74.0	26.43	Peak	56.00	200	Vertical	Pass
3**	4853.694	38.38	54.0	15.62	AV	56.00	200	Vertical	Pass
4	6603.457	51.44	74.0	22.56	Peak	38.00	300	Vertical	Pass
4**	6603.457	47.65	54.0	6.35	AV	38.00	300	Vertical	Pass
5	13434.407	52.64	74.0	21.36	Peak	328.00	400	Vertical	Pass
5**	13434.407	48.09	54.0	5.91	AV	328.00	400	Vertical	Pass
6	17419.834	56.87	74.0	17.13	Peak	335.00	400	Vertical	Pass
6**	17419.834	49.34	54.0	4.66	AV	335.00	400	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	1331.136	43.81	74.0	30.19	Peak	173.00	400	Horizontal	Pass
1**	1331.136	35.77	54.0	18.23	AV	173.00	400	Horizontal	Pass
2	2995.846	50.81	74.0	23.19	Peak	58.00	100	Horizontal	Pass
2**	2995.846	40.00	54.0	14.00	AV	58.00	100	Horizontal	Pass
3	4935.819	52.71	74.0	21.29	Peak	341.00	200	Horizontal	Pass
3**	4935.819	41.24	54.0	12.76	AV	341.00	200	Horizontal	Pass
4	6805.438	53.61	74.0	20.39	Peak	204.00	300	Horizontal	Pass
4**	6805.438	43.48	54.0	10.52	AV	204.00	300	Horizontal	Pass
5	13412.915	57.86	74.0	16.14	Peak	282.00	200	Horizontal	Pass
5**	13412.915	49.10	54.0	4.90	AV	282.00	200	Horizontal	Pass
6	17427.335	59.01	74.0	14.99	Peak	50.00	200	Horizontal	Pass
6**	17427.335	49.58	54.0	4.42	AV	50.00	200	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	1333.253	44.87	74.0	29.13	Peak	61.00	300	Vertical	Pass
1**	1333.253	37.14	54.0	16.86	AV	61.00	300	Vertical	Pass
2	2979.036	49.10	74.0	24.90	Peak	288.00	200	Vertical	Pass
2**	2979.036	41.30	54.0	12.70	AV	288.00	200	Vertical	Pass
3	4854.209	49.39	74.0	24.61	Peak	1.00	200	Vertical	Pass
3**	4854.209	38.94	54.0	15.06	AV	1.00	200	Vertical	Pass
4	6610.409	53.94	74.0	20.06	Peak	328.00	300	Vertical	Pass
4**	6610.409	42.99	54.0	11.01	AV	328.00	300	Vertical	Pass
5	13431.302	55.03	74.0	18.97	Peak	334.00	200	Vertical	Pass
5**	13431.302	49.07	54.0	4.93	AV	334.00	200	Vertical	Pass
6	17413.374	55.91	74.0	18.09	Peak	19.00	300	Vertical	Pass
6**	17413.374	48.59	54.0	5.41	AV	19.00	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	1329.652	44.72	74.0	29.28	Peak	271.00	300	Horizontal	Pass
1**	1329.652	37.65	54.0	16.35	AV	271.00	300	Horizontal	Pass
2	2993.749	50.84	74.0	23.16	Peak	53.00	300	Horizontal	Pass
2**	2993.749	39.07	54.0	14.93	AV	53.00	300	Horizontal	Pass
3	4935.992	49.81	74.0	24.19	Peak	96.00	200	Horizontal	Pass
3**	4935.992	43.47	54.0	10.53	AV	96.00	200	Horizontal	Pass
4	6810.390	55.81	74.0	18.19	Peak	164.00	200	Horizontal	Pass
4**	6810.390	46.79	54.0	7.21	AV	164.00	200	Horizontal	Pass
5	13414.491	54.91	74.0	19.09	Peak	192.00	100	Horizontal	Pass
5**	13414.491	48.51	54.0	5.49	AV	192.00	100	Horizontal	Pass
6	17427.530	56.81	74.0	17.19	Peak	274.00	300	Horizontal	Pass
6**	17427.530	47.69	54.0	6.31	AV	274.00	300	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	1333.403	46.39	74.0	27.61	Peak	180.00	200	Vertical	Pass
1**	1333.403	37.90	54.0	16.10	AV	180.00	200	Vertical	Pass
2	2981.174	47.83	74.0	26.17	Peak	147.00	400	Vertical	Pass
2**	2981.174	42.68	54.0	11.32	AV	147.00	400	Vertical	Pass
3	4854.822	50.63	74.0	23.37	Peak	293.00	200	Vertical	Pass
3**	4854.822	42.89	54.0	11.11	AV	293.00	200	Vertical	Pass
4	6603.223	55.91	74.0	18.09	Peak	174.00	100	Vertical	Pass
4**	6603.223	46.51	54.0	7.49	AV	174.00	100	Vertical	Pass
5	13433.076	56.72	74.0	17.28	Peak	76.00	400	Vertical	Pass
5**	13433.076	44.60	54.0	9.40	AV	76.00	400	Vertical	Pass
6	17415.720	54.70	74.0	19.30	Peak	178.00	200	Vertical	Pass
6**	17415.720	50.20	54.0	3.80	AV	178.00	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	1327.818	45.85	74.0	28.15	Peak	313.00	300	Horizontal	Pass
1**	1327.818	37.76	54.0	16.24	AV	313.00	300	Horizontal	Pass
2	2999.270	52.18	74.0	21.82	Peak	39.00	100	Horizontal	Pass
2**	2999.270	39.33	54.0	14.67	AV	39.00	100	Horizontal	Pass
3	4932.870	50.40	74.0	23.60	Peak	127.00	200	Horizontal	Pass
3**	4932.870	44.44	54.0	9.56	AV	127.00	200	Horizontal	Pass
4	6805.704	56.48	74.0	17.52	Peak	170.00	200	Horizontal	Pass
4**	6805.704	44.19	54.0	9.81	AV	170.00	200	Horizontal	Pass
5	13410.124	58.09	74.0	15.91	Peak	110.00	400	Horizontal	Pass
5**	13410.124	47.88	54.0	6.12	AV	110.00	400	Horizontal	Pass
6	17430.143	54.07	74.0	19.93	Peak	347.00	400	Horizontal	Pass
6**	17430.143	48.00	54.0	6.00	AV	347.00	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	1336.747	46.49	74.0	27.51	Peak	229.00	100	Vertical	Pass
1**	1336.747	39.17	54.0	14.83	AV	229.00	100	Vertical	Pass
2	2982.443	48.51	74.0	25.49	Peak	92.00	400	Vertical	Pass
2**	2982.443	43.87	54.0	10.13	AV	92.00	400	Vertical	Pass
3	4851.736	47.01	74.0	26.99	Peak	69.00	200	Vertical	Pass
3**	4851.736	38.25	54.0	15.75	AV	69.00	200	Vertical	Pass
4	6609.315	54.97	74.0	19.03	Peak	266.00	100	Vertical	Pass
4**	6609.315	44.02	54.0	9.98	AV	266.00	100	Vertical	Pass
5	13434.546	55.91	74.0	18.09	Peak	242.00	200	Vertical	Pass
5**	13434.546	47.14	54.0	6.86	AV	242.00	200	Vertical	Pass
6	17414.046	55.68	74.0	18.32	Peak	104.00	200	Vertical	Pass
6**	17414.046	46.41	54.0	7.59	AV	104.00	200	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	1326.311	42.00	74.0	32.00	Peak	228.00	400	Horizontal	Pass
1**	1326.311	37.29	54.0	16.71	AV	228.00	400	Horizontal	Pass
2	2996.407	52.14	74.0	21.86	Peak	176.00	300	Horizontal	Pass
2**	2996.407	40.10	54.0	13.90	AV	176.00	300	Horizontal	Pass
3	4935.639	49.26	74.0	24.74	Peak	130.00	200	Horizontal	Pass
3**	4935.639	42.65	54.0	11.35	AV	130.00	200	Horizontal	Pass
4	6809.976	53.35	74.0	20.65	Peak	94.00	300	Horizontal	Pass
4**	6809.976	43.74	54.0	10.26	AV	94.00	300	Horizontal	Pass
5	13410.177	55.47	74.0	18.53	Peak	243.00	200	Horizontal	Pass
5**	13410.177	47.26	54.0	6.74	AV	243.00	200	Horizontal	Pass
6	17429.281	55.90	74.0	18.10	Peak	175.00	200	Horizontal	Pass
6**	17429.281	47.85	54.0	6.15	AV	175.00	200	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	1330.221	45.54	74.0	28.46	Peak	177.00	100	Vertical	Pass
1**	1330.221	39.45	54.0	14.55	AV	177.00	100	Vertical	Pass
2	2985.128	52.68	74.0	21.32	Peak	52.00	100	Vertical	Pass
2**	2985.128	39.44	54.0	14.56	AV	52.00	100	Vertical	Pass
3	4855.663	48.37	74.0	25.63	Peak	253.00	200	Vertical	Pass
3**	4855.663	38.25	54.0	15.75	AV	253.00	200	Vertical	Pass
4	6605.327	52.79	74.0	21.21	Peak	327.00	100	Vertical	Pass
4**	6605.327	44.21	54.0	9.79	AV	327.00	100	Vertical	Pass
5	13435.057	55.50	74.0	18.50	Peak	176.00	300	Vertical	Pass
5**	13435.057	47.94	54.0	6.06	AV	176.00	300	Vertical	Pass
6	17418.953	55.94	74.0	18.06	Peak	360.00	100	Vertical	Pass
6**	17418.953	45.53	54.0	8.47	AV	360.00	100	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	1331.914	46.37	74.0	27.63	Peak	211.00	300	Horizontal	Pass
1**	1331.914	34.52	54.0	19.48	AV	211.00	300	Horizontal	Pass
2	2994.862	50.58	74.0	23.42	Peak	171.00	400	Horizontal	Pass
2**	2994.862	42.77	54.0	11.23	AV	171.00	400	Horizontal	Pass
3	4930.869	51.68	74.0	22.32	Peak	98.00	200	Horizontal	Pass
3**	4930.869	44.35	54.0	9.65	AV	98.00	200	Horizontal	Pass
4	6806.111	54.90	74.0	19.10	Peak	256.00	400	Horizontal	Pass
4**	6806.111	46.29	54.0	7.71	AV	256.00	400	Horizontal	Pass
5	13412.914	52.72	74.0	21.28	Peak	150.00	200	Horizontal	Pass
5**	13412.914	43.71	54.0	10.29	AV	150.00	200	Horizontal	Pass
6	17425.739	53.29	74.0	20.71	Peak	177.00	100	Horizontal	Pass
6**	17425.739	47.15	54.0	6.85	AV	177.00	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	1330.252	42.61	74.0	31.39	Peak	205.00	100	Vertical	Pass
1**	1330.252	35.86	54.0	18.14	AV	205.00	100	Vertical	Pass
2	2980.995	49.33	74.0	24.67	Peak	200.00	400	Vertical	Pass
2**	2980.995	42.82	54.0	11.18	AV	200.00	400	Vertical	Pass
3	4856.658	50.98	74.0	23.02	Peak	221.00	200	Vertical	Pass
3**	4856.658	38.59	54.0	15.41	AV	221.00	200	Vertical	Pass
4	6605.289	52.73	74.0	21.27	Peak	275.00	100	Vertical	Pass
4**	6605.289	47.78	54.0	6.22	AV	275.00	100	Vertical	Pass
5	13433.752	53.49	74.0	20.51	Peak	2.00	300	Vertical	Pass
5**	13433.752	48.45	54.0	5.55	AV	2.00	300	Vertical	Pass
6	17419.223	58.33	74.0	15.67	Peak	165.00	100	Vertical	Pass
6**	17419.223	44.37	54.0	9.63	AV	165.00	100	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	1328.419	43.45	74.0	30.55	Peak	275.00	100	Horizontal	Pass
1**	1328.419	36.90	54.0	17.10	AV	275.00	100	Horizontal	Pass
2	2994.994	50.45	74.0	23.55	Peak	64.00	300	Horizontal	Pass
2**	2994.994	39.04	54.0	14.96	AV	64.00	300	Horizontal	Pass
3	4934.881	54.55	74.0	19.45	Peak	105.00	200	Horizontal	Pass
3**	4934.881	42.28	54.0	11.72	AV	105.00	200	Horizontal	Pass
4	6810.109	54.30	74.0	19.70	Peak	55.00	200	Horizontal	Pass
4**	6810.109	42.85	54.0	11.15	AV	55.00	200	Horizontal	Pass
5	13412.284	55.04	74.0	18.96	Peak	77.00	300	Horizontal	Pass
5**	13412.284	48.80	54.0	5.20	AV	77.00	300	Horizontal	Pass
6	17427.604	58.56	74.0	15.44	Peak	125.00	100	Horizontal	Pass
6**	17427.604	48.34	54.0	5.66	AV	125.00	100	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	1332.270	47.71	74.0	26.29	Peak	285.00	400	Vertical	Pass
1**	1332.270	35.47	54.0	18.53	AV	285.00	400	Vertical	Pass
2	2985.035	52.85	74.0	21.15	Peak	38.00	200	Vertical	Pass
2**	2985.035	40.58	54.0	13.42	AV	38.00	200	Vertical	Pass
3	4850.940	48.42	74.0	25.58	Peak	53.00	200	Vertical	Pass
3**	4850.940	43.16	54.0	10.84	AV	53.00	200	Vertical	Pass
4	6607.334	53.55	74.0	20.45	Peak	331.00	400	Vertical	Pass
4**	6607.334	43.66	54.0	10.34	AV	331.00	400	Vertical	Pass
5	13437.855	58.04	74.0	15.96	Peak	142.00	300	Vertical	Pass
5**	13437.855	43.48	54.0	10.52	AV	142.00	300	Vertical	Pass
6	17417.457	57.49	74.0	16.51	Peak	13.00	400	Vertical	Pass
6**	17417.457	47.21	54.0	6.79	AV	13.00	400	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	1332.530	42.53	74.0	31.47	Peak	60.00	400	Horizontal	Pass
1**	1332.530	38.18	54.0	15.82	AV	60.00	400	Horizontal	Pass
2	2994.785	48.80	74.0	25.20	Peak	178.00	300	Horizontal	Pass
2**	2994.785	41.13	54.0	12.87	AV	178.00	300	Horizontal	Pass
3	4931.692	49.48	74.0	24.52	Peak	340.00	200	Horizontal	Pass
3**	4931.692	43.77	54.0	10.23	AV	340.00	200	Horizontal	Pass
4	6808.151	56.44	74.0	17.56	Peak	319.00	300	Horizontal	Pass
4**	6808.151	43.54	54.0	10.46	AV	319.00	300	Horizontal	Pass
5	13411.643	58.56	74.0	15.44	Peak	165.00	200	Horizontal	Pass
5**	13411.643	48.25	54.0	5.75	AV	165.00	200	Horizontal	Pass
6	17424.505	54.13	74.0	19.87	Peak	268.00	300	Horizontal	Pass
6**	17424.505	45.93	54.0	8.07	AV	268.00	300	Horizontal	Pass

1 GHz to 18 GHz, ANT V802.11ax20(SU) Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.125	46.29	74.0	27.71	Peak	100.00	400	Vertical	Pass
1**	1330.125	37.35	54.0	16.65	AV	100.00	400	Vertical	Pass
2	2982.792	49.12	74.0	24.88	Peak	140.00	100	Vertical	Pass
2**	2982.792	42.53	54.0	11.47	AV	140.00	100	Vertical	Pass
3	4855.047	50.86	74.0	23.14	Peak	168.00	200	Vertical	Pass
3**	4855.047	38.37	54.0	15.63	AV	168.00	200	Vertical	Pass
4	6609.339	51.90	74.0	22.10	Peak	57.00	100	Vertical	Pass
4**	6609.339	46.82	54.0	7.18	AV	57.00	100	Vertical	Pass
5	13432.559	53.30	74.0	20.70	Peak	61.00	400	Vertical	Pass
5**	13432.559	44.82	54.0	9.18	AV	61.00	400	Vertical	Pass
6	17413.282	55.16	74.0	18.84	Peak	278.00	100	Vertical	Pass
6**	17413.282	47.99	54.0	6.01	AV	278.00	100	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	1330.842	45.34	74.0	28.66	Peak	232.00	200	Horizontal	Pass
1**	1330.842	34.10	54.0	19.90	AV	232.00	200	Horizontal	Pass
2	2993.882	49.55	74.0	24.45	Peak	4.00	400	Horizontal	Pass
2**	2993.882	39.32	54.0	14.68	AV	4.00	400	Horizontal	Pass
3	4937.578	53.72	74.0	20.28	Peak	57.00	200	Horizontal	Pass
3**	4937.578	41.52	54.0	12.48	AV	57.00	200	Horizontal	Pass
4	6810.818	54.72	74.0	19.28	Peak	331.00	400	Horizontal	Pass
4**	6810.818	43.67	54.0	10.33	AV	331.00	400	Horizontal	Pass
5	13411.904	57.44	74.0	16.56	Peak	138.00	300	Horizontal	Pass
5**	13411.904	46.11	54.0	7.89	AV	138.00	300	Horizontal	Pass
6	17425.247	55.45	74.0	18.55	Peak	50.00	300	Horizontal	Pass
6**	17425.247	45.85	54.0	8.15	AV	50.00	300	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	1330.429	43.19	74.0	30.81	Peak	248.00	100	Vertical	Pass
1**	1330.429	40.42	54.0	13.58	AV	248.00	100	Vertical	Pass
2	2984.923	49.87	74.0	24.13	Peak	159.00	400	Vertical	Pass
2**	2984.923	42.59	54.0	11.41	AV	159.00	400	Vertical	Pass
3	4853.383	46.66	74.0	27.34	Peak	232.00	200	Vertical	Pass
3**	4853.383	43.30	54.0	10.70	AV	232.00	200	Vertical	Pass
4	6607.591	56.70	74.0	17.30	Peak	233.00	100	Vertical	Pass
4**	6607.591	47.35	54.0	6.65	AV	233.00	100	Vertical	Pass
5	13432.890	53.47	74.0	20.53	Peak	140.00	300	Vertical	Pass
5**	13432.890	47.25	54.0	6.75	AV	140.00	300	Vertical	Pass
6	17419.067	59.51	74.0	14.49	Peak	205.00	300	Vertical	Pass
6**	17419.067	45.11	54.0	8.89	AV	205.00	300	Vertical	Pass

1 GHz to 18 GHz, ANT H802.11ax20(SU) High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.398	46.86	74.0	27.14	Peak	118.00	100	Horizontal	Pass
1**	1328.398	36.74	54.0	17.26	AV	118.00	100	Horizontal	Pass
2	2992.784	52.23	74.0	21.77	Peak	303.00	200	Horizontal	Pass
2**	2992.784	43.02	54.0	10.98	AV	303.00	200	Horizontal	Pass
3	4933.192	54.31	74.0	19.69	Peak	340.00	200	Horizontal	Pass
3**	4933.192	42.19	54.0	11.81	AV	340.00	200	Horizontal	Pass
4	6803.946	52.75	74.0	21.25	Peak	39.00	400	Horizontal	Pass
4**	6803.946	42.09	54.0	11.91	AV	39.00	400	Horizontal	Pass
5	13408.190	52.78	74.0	21.22	Peak	29.00	100	Horizontal	Pass
5**	13408.190	47.88	54.0	6.12	AV	29.00	100	Horizontal	Pass
6	17426.774	54.70	74.0	19.30	Peak	109.00	200	Horizontal	Pass
6**	17426.774	50.39	54.0	3.61	AV	109.00	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	1330.937	47.63	74.0	26.37	Peak	159.00	400	Vertical	Pass
1**	1330.937	36.00	54.0	18.00	AV	159.00	400	Vertical	Pass
2	2981.220	51.74	74.0	22.26	Peak	302.00	400	Vertical	Pass
2**	2981.220	42.31	54.0	11.69	AV	302.00	400	Vertical	Pass
3	4852.086	51.35	74.0	22.65	Peak	272.00	200	Vertical	Pass
3**	4852.086	38.72	54.0	15.28	AV	272.00	200	Vertical	Pass
4	6605.290	53.53	74.0	20.47	Peak	51.00	200	Vertical	Pass
4**	6605.290	42.84	54.0	11.16	AV	51.00	200	Vertical	Pass
5	13437.402	57.36	74.0	16.64	Peak	129.00	400	Vertical	Pass
5**	13437.402	48.54	54.0	5.46	AV	129.00	400	Vertical	Pass
6	17417.244	55.86	74.0	18.14	Peak	81.00	200	Vertical	Pass
6**	17417.244	45.40	54.0	8.60	AV	81.00	200	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	1326.663	44.56	74.0	29.44	Peak	23.00	200	Horizontal	Pass
1**	1326.663	35.49	54.0	18.51	AV	23.00	200	Horizontal	Pass
2	2996.418	52.55	74.0	21.45	Peak	208.00	100	Horizontal	Pass
2**	2996.418	42.71	54.0	11.29	AV	208.00	100	Horizontal	Pass
3	4933.031	54.18	74.0	19.82	Peak	10.00	200	Horizontal	Pass
3**	4933.031	41.14	54.0	12.86	AV	10.00	200	Horizontal	Pass
4	6805.348	54.16	74.0	19.84	Peak	342.00	400	Horizontal	Pass
4**	6805.348	42.75	54.0	11.25	AV	342.00	400	Horizontal	Pass
5	13410.420	54.00	74.0	20.00	Peak	97.00	200	Horizontal	Pass
5**	13410.420	46.13	54.0	7.87	AV	97.00	200	Horizontal	Pass
6	17428.288	55.67	74.0	18.33	Peak	81.00	400	Horizontal	Pass
6**	17428.288	48.64	54.0	5.36	AV	81.00	400	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	1336.591	46.19	74.0	27.81	Peak	88.00	200	Vertical	Pass
1**	1336.591	39.14	54.0	14.86	AV	88.00	200	Vertical	Pass
2	2982.174	51.37	74.0	22.63	Peak	307.00	300	Vertical	Pass
2**	2982.174	44.35	54.0	9.65	AV	307.00	300	Vertical	Pass
3	4857.358	51.66	74.0	22.34	Peak	57.00	200	Vertical	Pass
3**	4857.358	41.89	54.0	12.11	AV	57.00	200	Vertical	Pass
4	6606.850	52.92	74.0	21.08	Peak	350.00	100	Vertical	Pass
4**	6606.850	45.03	54.0	8.97	AV	350.00	100	Vertical	Pass
5	13431.352	55.64	74.0	18.36	Peak	19.00	100	Vertical	Pass
5**	13431.352	45.21	54.0	8.79	AV	19.00	100	Vertical	Pass
6	17420.979	54.77	74.0	19.23	Peak	37.00	400	Vertical	Pass
6**	17420.979	46.54	54.0	7.46	AV	37.00	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	1332.175	47.09	74.0	26.91	Peak	241.00	200	Horizontal	Pass
1**	1332.175	38.46	54.0	15.54	AV	241.00	200	Horizontal	Pass
2	2995.448	50.55	74.0	23.45	Peak	346.00	400	Horizontal	Pass
2**	2995.448	43.82	54.0	10.18	AV	346.00	400	Horizontal	Pass
3	4932.434	50.17	74.0	23.83	Peak	72.00	200	Horizontal	Pass
3**	4932.434	44.10	54.0	9.90	AV	72.00	200	Horizontal	Pass
4	6810.156	53.75	74.0	20.25	Peak	296.00	300	Horizontal	Pass
4**	6810.156	47.62	54.0	6.38	AV	296.00	300	Horizontal	Pass
5	13410.179	55.49	74.0	18.51	Peak	286.00	100	Horizontal	Pass
5**	13410.179	46.11	54.0	7.89	AV	286.00	100	Horizontal	Pass
6	17423.419	54.13	74.0	19.87	Peak	353.00	400	Horizontal	Pass
6**	17423.419	47.58	54.0	6.42	AV	353.00	400	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	1336.033	42.46	74.0	31.54	Peak	303.00	200	Vertical	Pass
1**	1336.033	37.84	54.0	16.16	AV	303.00	200	Vertical	Pass
2	2985.655	52.81	74.0	21.19	Peak	220.00	400	Vertical	Pass
2**	2985.655	40.76	54.0	13.24	AV	220.00	400	Vertical	Pass
3	4855.918	48.93	74.0	25.07	Peak	144.00	200	Vertical	Pass
3**	4855.918	43.50	54.0	10.50	AV	144.00	200	Vertical	Pass
4	6610.442	53.04	74.0	20.96	Peak	10.00	400	Vertical	Pass
4**	6610.442	44.45	54.0	9.55	AV	10.00	400	Vertical	Pass
5	13438.735	57.75	74.0	16.25	Peak	236.00	300	Vertical	Pass
5**	13438.735	46.23	54.0	7.77	AV	236.00	300	Vertical	Pass
6	17420.558	55.67	74.0	18.33	Peak	208.00	300	Vertical	Pass
6**	17420.558	47.17	54.0	6.83	AV	208.00	300	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	1331.565	45.61	74.0	28.39	Peak	300.00	100	Horizontal	Pass
1**	1331.565	35.80	54.0	18.20	AV	300.00	100	Horizontal	Pass
2	2996.520	47.66	74.0	26.34	Peak	147.00	400	Horizontal	Pass
2**	2996.520	38.71	54.0	15.29	AV	147.00	400	Horizontal	Pass
3	4930.518	54.16	74.0	19.84	Peak	310.00	200	Horizontal	Pass
3**	4930.518	43.03	54.0	10.97	AV	310.00	200	Horizontal	Pass
4	6807.159	56.59	74.0	17.41	Peak	287.00	200	Horizontal	Pass
4**	6807.159	45.38	54.0	8.62	AV	287.00	200	Horizontal	Pass
5	13407.390	56.17	74.0	17.83	Peak	114.00	300	Horizontal	Pass
5**	13407.390	47.90	54.0	6.10	AV	114.00	300	Horizontal	Pass
6	17425.189	54.93	74.0	19.07	Peak	242.00	100	Horizontal	Pass
6**	17425.189	48.28	54.0	5.72	AV	242.00	100	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	1336.329	46.46	74.0	27.54	Peak	83.00	100	Vertical	Pass
1**	1336.329	38.53	54.0	15.47	AV	83.00	100	Vertical	Pass
2	2984.986	53.10	74.0	20.90	Peak	174.00	200	Vertical	Pass
2**	2984.986	42.63	54.0	11.37	AV	174.00	200	Vertical	Pass
3	4857.622	46.54	74.0	27.46	Peak	132.00	200	Vertical	Pass
3**	4857.622	42.79	54.0	11.21	AV	132.00	200	Vertical	Pass
4	6610.007	52.37	74.0	21.63	Peak	134.00	200	Vertical	Pass
4**	6610.007	43.76	54.0	10.24	AV	134.00	200	Vertical	Pass
5	13434.614	54.77	74.0	19.23	Peak	133.00	400	Vertical	Pass
5**	13434.614	46.25	54.0	7.75	AV	133.00	400	Vertical	Pass
6	17416.746	57.67	74.0	16.33	Peak	113.00	100	Vertical	Pass
6**	17416.746	44.45	54.0	9.55	AV	113.00	100	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11be20(SU) Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.266	44.34	74.0	29.66	Peak	291.00	100	Horizontal	Pass
1**	1328.266	37.81	54.0	16.19	AV	291.00	100	Horizontal	Pass
2	2997.844	51.87	74.0	22.13	Peak	258.00	300	Horizontal	Pass
2**	2997.844	41.56	54.0	12.44	AV	258.00	300	Horizontal	Pass
3	4931.601	49.14	74.0	24.86	Peak	344.00	200	Horizontal	Pass
3**	4931.601	39.02	54.0	14.98	AV	344.00	200	Horizontal	Pass
4	6810.162	56.71	74.0	17.29	Peak	307.00	300	Horizontal	Pass
4**	6810.162	45.33	54.0	8.67	AV	307.00	300	Horizontal	Pass
5	13409.050	57.05	74.0	16.95	Peak	257.00	300	Horizontal	Pass
5**	13409.050	46.05	54.0	7.95	AV	257.00	300	Horizontal	Pass
6	17425.376	55.87	74.0	18.13	Peak	356.00	100	Horizontal	Pass
6**	17425.376	48.90	54.0	5.10	AV	356.00	100	Horizontal	Pass

1 GHz to 18 GHz, ANT V802.11be20(SU) Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.676	48.11	74.0	25.89	Peak	49.00	200	Vertical	Pass
1**	1332.676	34.81	54.0	19.19	AV	49.00	200	Vertical	Pass
2	2984.001	49.17	74.0	24.83	Peak	18.00	300	Vertical	Pass
2**	2984.001	42.04	54.0	11.96	AV	18.00	300	Vertical	Pass
3	4853.718	50.49	74.0	23.51	Peak	323.00	200	Vertical	Pass
3**	4853.718	39.40	54.0	14.60	AV	323.00	200	Vertical	Pass
4	6603.449	56.10	74.0	17.90	Peak	116.00	200	Vertical	Pass
4**	6603.449	42.95	54.0	11.05	AV	116.00	200	Vertical	Pass
5	13434.759	53.52	74.0	20.48	Peak	272.00	100	Vertical	Pass
5**	13434.759	47.14	54.0	6.86	AV	272.00	100	Vertical	Pass
6	17413.308	57.98	74.0	16.02	Peak	30.00	400	Vertical	Pass
6**	17413.308	47.19	54.0	6.81	AV	30.00	400	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11be20(SU) Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.164	45.00	74.0	29.00	Peak	167.00	400	Horizontal	Pass
1**	1332.164	37.52	54.0	16.48	AV	167.00	400	Horizontal	Pass
2	2998.050	52.33	74.0	21.67	Peak	36.00	300	Horizontal	Pass
2**	2998.050	39.18	54.0	14.82	AV	36.00	300	Horizontal	Pass
3	4933.566	51.83	74.0	22.17	Peak	331.00	200	Horizontal	Pass
3**	4933.566	43.68	54.0	10.32	AV	331.00	200	Horizontal	Pass
4	6804.438	53.65	74.0	20.35	Peak	166.00	100	Horizontal	Pass
4**	6804.438	45.43	54.0	8.57	AV	166.00	100	Horizontal	Pass
5	13411.660	57.67	74.0	16.33	Peak	22.00	100	Horizontal	Pass
5**	13411.660	43.60	54.0	10.40	AV	22.00	100	Horizontal	Pass
6	17422.562	54.32	74.0	19.68	Peak	32.00	100	Horizontal	Pass
6**	17422.562	46.84	54.0	7.16	AV	32.00	100	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11be20(SU) Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.137	43.17	74.0	30.83	Peak	188.00	300	Vertical	Pass
1**	1333.137	35.85	54.0	18.15	AV	188.00	300	Vertical	Pass
2	2980.479	52.39	74.0	21.61	Peak	146.00	300	Vertical	Pass
2**	2980.479	41.77	54.0	12.23	AV	146.00	300	Vertical	Pass
3	4855.551	49.23	74.0	24.77	Peak	84.00	200	Vertical	Pass
3**	4855.551	43.64	54.0	10.36	AV	84.00	200	Vertical	Pass
4	6608.434	52.70	74.0	21.30	Peak	69.00	400	Vertical	Pass
4**	6608.434	42.23	54.0	11.77	AV	69.00	400	Vertical	Pass
5	13431.312	52.59	74.0	21.41	Peak	287.00	400	Vertical	Pass
5**	13431.312	45.76	54.0	8.24	AV	287.00	400	Vertical	Pass
6	17420.458	59.70	74.0	14.30	Peak	108.00	400	Vertical	Pass
6**	17420.458	47.29	54.0	6.71	AV	108.00	400	Vertical	Pass

1 GHz to 18 GHz, ANT H802.11be20(SU) High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.259	42.45	74.0	31.55	Peak	11.00	400	Horizontal	Pass
1**	1331.259	38.05	54.0	15.95	AV	11.00	400	Horizontal	Pass
2	2993.223	53.11	74.0	20.89	Peak	229.00	100	Horizontal	Pass
2**	2993.223	43.35	54.0	10.65	AV	229.00	100	Horizontal	Pass
3	4938.054	49.66	74.0	24.34	Peak	322.00	200	Horizontal	Pass
3**	4938.054	41.85	54.0	12.15	AV	322.00	200	Horizontal	Pass
4	6804.448	55.97	74.0	18.03	Peak	11.00	300	Horizontal	Pass
4**	6804.448	43.50	54.0	10.50	AV	11.00	300	Horizontal	Pass
5	13411.936	57.59	74.0	16.41	Peak	316.00	400	Horizontal	Pass
5**	13411.936	46.85	54.0	7.15	AV	316.00	400	Horizontal	Pass
6	17422.817	53.59	74.0	20.41	Peak	203.00	300	Horizontal	Pass
6**	17422.817	47.37	54.0	6.63	AV	203.00	300	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11be20(SU) High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.019	46.07	74.0	27.93	Peak	131.00	400	Vertical	Pass
1**	1332.019	36.13	54.0	17.87	AV	131.00	400	Vertical	Pass
2	2983.638	52.65	74.0	21.35	Peak	217.00	100	Vertical	Pass
2**	2983.638	40.88	54.0	13.12	AV	217.00	100	Vertical	Pass
3	4857.503	51.72	74.0	22.28	Peak	288.00	200	Vertical	Pass
3**	4857.503	38.24	54.0	15.76	AV	288.00	200	Vertical	Pass
4	6611.142	54.40	74.0	19.60	Peak	64.00	100	Vertical	Pass
4**	6611.142	43.75	54.0	10.25	AV	64.00	100	Vertical	Pass
5	13433.920	52.59	74.0	21.41	Peak	61.00	400	Vertical	Pass
5**	13433.920	48.16	54.0	5.84	AV	61.00	400	Vertical	Pass
6	17418.742	56.91	74.0	17.09	Peak	360.00	300	Vertical	Pass
6**	17418.742	46.66	54.0	7.34	AV	360.00	300	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11be40(SU) Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.450	46.34	74.0	27.66	Peak	243.00	300	Horizontal	Pass
1**	1333.450	35.00	54.0	19.00	AV	243.00	300	Horizontal	Pass
2	2994.146	51.38	74.0	22.62	Peak	91.00	400	Horizontal	Pass
2**	2994.146	42.32	54.0	11.68	AV	91.00	400	Horizontal	Pass
3	4930.597	48.71	74.0	25.29	Peak	45.00	200	Horizontal	Pass
3**	4930.597	44.06	54.0	9.94	AV	45.00	200	Horizontal	Pass
4	6806.518	51.66	74.0	22.34	Peak	328.00	100	Horizontal	Pass
4**	6806.518	42.99	54.0	11.01	AV	328.00	100	Horizontal	Pass
5	13414.882	54.54	74.0	19.46	Peak	53.00	300	Horizontal	Pass
5**	13414.882	48.25	54.0	5.75	AV	53.00	300	Horizontal	Pass
6	17423.794	55.67	74.0	18.33	Peak	325.00	300	Horizontal	Pass
6**	17423.794	48.17	54.0	5.83	AV	325.00	300	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11be40(SU) Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1336.270	44.67	74.0	29.33	Peak	348.00	200	Vertical	Pass
1**	1336.270	40.37	54.0	13.63	AV	348.00	200	Vertical	Pass
2	2985.089	47.76	74.0	26.24	Peak	10.00	100	Vertical	Pass
2**	2985.089	42.91	54.0	11.09	AV	10.00	100	Vertical	Pass
3	4850.530	49.24	74.0	24.76	Peak	41.00	200	Vertical	Pass
3**	4850.530	42.04	54.0	11.96	AV	41.00	200	Vertical	Pass
4	6604.894	54.58	74.0	19.42	Peak	29.00	300	Vertical	Pass
4**	6604.894	42.15	54.0	11.85	AV	29.00	300	Vertical	Pass
5	13432.370	57.78	74.0	16.22	Peak	157.00	100	Vertical	Pass
5**	13432.370	43.53	54.0	10.47	AV	157.00	100	Vertical	Pass
6	17419.496	54.90	74.0	19.10	Peak	355.00	400	Vertical	Pass
6**	17419.496	44.56	54.0	9.44	AV	355.00	400	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11be40(SU) Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.611	47.12	74.0	26.88	Peak	278.00	100	Horizontal	Pass
1**	1329.611	35.50	54.0	18.50	AV	278.00	100	Horizontal	Pass
2	2995.595	47.57	74.0	26.43	Peak	84.00	100	Horizontal	Pass
2**	2995.595	40.65	54.0	13.35	AV	84.00	100	Horizontal	Pass
3	4937.289	51.18	74.0	22.82	Peak	10.00	200	Horizontal	Pass
3**	4937.289	42.54	54.0	11.46	AV	10.00	200	Horizontal	Pass
4	6808.437	54.54	74.0	19.46	Peak	196.00	300	Horizontal	Pass
4**	6808.437	43.82	54.0	10.18	AV	196.00	300	Horizontal	Pass
5	13413.660	54.84	74.0	19.16	Peak	350.00	400	Horizontal	Pass
5**	13413.660	44.59	54.0	9.41	AV	350.00	400	Horizontal	Pass
6	17422.937	57.31	74.0	16.69	Peak	129.00	300	Horizontal	Pass
6**	17422.937	50.22	54.0	3.78	AV	129.00	300	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11be40(SU) Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.924	46.48	74.0	27.52	Peak	286.00	100	Vertical	Pass
1**	1333.924	37.22	54.0	16.78	AV	286.00	100	Vertical	Pass
2	2980.461	51.62	74.0	22.38	Peak	55.00	400	Vertical	Pass
2**	2980.461	39.44	54.0	14.56	AV	55.00	400	Vertical	Pass
3	4853.726	51.14	74.0	22.86	Peak	280.00	200	Vertical	Pass
3**	4853.726	40.47	54.0	13.53	AV	280.00	200	Vertical	Pass
4	6605.418	51.77	74.0	22.23	Peak	320.00	200	Vertical	Pass
4**	6605.418	43.21	54.0	10.79	AV	320.00	200	Vertical	Pass
5	13433.597	53.27	74.0	20.73	Peak	275.00	300	Vertical	Pass
5**	13433.597	47.90	54.0	6.10	AV	275.00	300	Vertical	Pass
6	17413.896	59.25	74.0	14.75	Peak	225.00	100	Vertical	Pass
6**	17413.896	46.64	54.0	7.36	AV	225.00	100	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11be40(SU) High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.228	43.28	74.0	30.72	Peak	11.00	200	Horizontal	Pass
1**	1331.228	38.51	54.0	15.49	AV	11.00	200	Horizontal	Pass
2	2999.346	52.12	74.0	21.88	Peak	340.00	100	Horizontal	Pass
2**	2999.346	41.75	54.0	12.25	AV	340.00	100	Horizontal	Pass
3	4934.372	49.06	74.0	24.94	Peak	5.00	200	Horizontal	Pass
3**	4934.372	40.45	54.0	13.55	AV	5.00	200	Horizontal	Pass
4	6804.921	55.39	74.0	18.61	Peak	356.00	100	Horizontal	Pass
4**	6804.921	45.73	54.0	8.27	AV	356.00	100	Horizontal	Pass
5	13407.474	58.46	74.0	15.54	Peak	82.00	400	Horizontal	Pass
5**	13407.474	46.89	54.0	7.11	AV	82.00	400	Horizontal	Pass
6	17423.444	54.65	74.0	19.35	Peak	156.00	400	Horizontal	Pass
6**	17423.444	49.32	54.0	4.68	AV	156.00	400	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11be40(SU) High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.867	44.60	74.0	29.40	Peak	303.00	300	Vertical	Pass
1**	1331.867	36.79	54.0	17.21	AV	303.00	300	Vertical	Pass
2	2981.085	47.89	74.0	26.11	Peak	159.00	100	Vertical	Pass
2**	2981.085	43.28	54.0	10.72	AV	159.00	100	Vertical	Pass
3	4853.306	52.44	74.0	21.56	Peak	230.00	200	Vertical	Pass
3**	4853.306	40.06	54.0	13.94	AV	230.00	200	Vertical	Pass
4	6609.143	51.69	74.0	22.31	Peak	109.00	200	Vertical	Pass
4**	6609.143	43.53	54.0	10.47	AV	109.00	200	Vertical	Pass
5	13433.920	57.92	74.0	16.08	Peak	40.00	400	Vertical	Pass
5**	13433.920	46.24	54.0	7.76	AV	40.00	400	Vertical	Pass
6	17417.977	54.98	74.0	19.02	Peak	73.00	400	Vertical	Pass
6**	17417.977	46.97	54.0	7.03	AV	73.00	400	Vertical	Pass

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

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

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

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

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

Note ⁵: All antenna were pre tested, but only the worst case has been reported in this report.

Test Data**Main Antenna****802.11b LOW CHANNEL**

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2385.635	56.77	74.0	17.23	Peak	76.00	300	Horizontal	Pass
1**	2385.635	47.64	54.0	6.36	AV	76.00	300	Horizontal	Pass
2	2390.000	55.12	74.0	18.88	Peak	322.00	100	Horizontal	Pass
2**	2390.000	43.52	54.0	10.48	AV	322.00	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	55.58	74.0	18.42	Peak	313.00	200	Horizontal	Pass
1**	2483.500	47.03	54.0	6.97	AV	313.00	200	Horizontal	Pass
2	2487.333	56.66	74.0	17.34	Peak	139.00	100	Horizontal	Pass
2**	2487.333	44.52	54.0	9.48	AV	139.00	100	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	2385.562	57.59	74.0	16.41	Peak	83.00	300	Horizontal	Pass
1**	2385.562	46.14	54.0	7.86	AV	83.00	300	Horizontal	Pass
2	2390.000	54.05	74.0	19.95	Peak	212.00	300	Horizontal	Pass
2**	2390.000	44.57	54.0	9.43	AV	212.00	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	56.11	74.0	17.89	Peak	15.00	100	Horizontal	Pass
1**	2483.500	46.08	54.0	7.92	AV	15.00	100	Horizontal	Pass
2	2488.614	56.93	74.0	17.07	Peak	103.00	100	Horizontal	Pass
2**	2488.614	47.02	54.0	6.98	AV	103.00	100	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	2385.692	58.32	74.0	15.68	Peak	98.00	200	Horizontal	Pass
1**	2385.692	49.12	54.0	4.88	AV	98.00	200	Horizontal	Pass
2	2390.000	54.48	74.0	19.52	Peak	184.00	300	Horizontal	Pass
2**	2390.000	45.19	54.0	8.81	AV	184.00	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	57.44	74.0	16.56	Peak	191.00	300	Horizontal	Pass
1**	2483.500	44.72	54.0	9.28	AV	191.00	300	Horizontal	Pass
2	2486.804	57.27	74.0	16.73	Peak	110.00	100	Horizontal	Pass
2**	2486.804	44.69	54.0	9.31	AV	110.00	100	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	2383.888	56.94	74.0	17.06	Peak	224.00	100	Horizontal	Pass
1**	2383.888	47.17	54.0	6.83	AV	224.00	100	Horizontal	Pass
2	2390.000	55.87	74.0	18.13	Peak	151.00	200	Horizontal	Pass
2**	2390.000	44.93	54.0	9.07	AV	151.00	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	56.91	74.0	17.09	Peak	244.00	300	Horizontal	Pass
1**	2483.500	46.79	54.0	7.21	AV	244.00	300	Horizontal	Pass
2	2486.120	59.64	74.0	14.36	Peak	147.00	300	Horizontal	Pass
2**	2486.120	46.99	54.0	7.01	AV	147.00	300	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	2385.419	59.07	74.0	14.93	Peak	18.00	300	Horizontal	Pass
1**	2385.419	49.19	54.0	4.81	AV	18.00	300	Horizontal	Pass
2	2390.000	55.96	74.0	18.04	Peak	110.00	300	Horizontal	Pass
2**	2390.000	45.09	54.0	8.91	AV	110.00	300	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	54.82	74.0	19.18	Peak	330.00	200	Horizontal	Pass
1**	2483.500	44.53	54.0	9.47	AV	330.00	200	Horizontal	Pass
2	2486.604	56.63	74.0	17.37	Peak	246.00	100	Horizontal	Pass
2**	2486.604	47.04	54.0	6.96	AV	246.00	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	2383.630	59.58	74.0	14.42	Peak	154.00	300	Horizontal	Pass
1**	2383.630	49.6	54.0	4.40	AV	154.00	300	Horizontal	Pass
2	2390.000	56.51	74.0	17.49	Peak	228.00	100	Horizontal	Pass
2**	2390.000	46.53	54.0	7.47	AV	228.00	100	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	56.67	74.0	17.33	Peak	30.00	100	Horizontal	Pass
1**	2483.500	46.48	54.0	7.52	AV	30.00	100	Horizontal	Pass
2	2487.741	60.03	74.0	13.97	Peak	35.00	300	Horizontal	Pass
2**	2487.741	47.77	54.0	6.23	AV	35.00	300	Horizontal	Pass

802.11be20(SU) LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2386.225	59.25	74.0	14.75	Peak	57.00	200	Horizontal	Pass
1**	2386.225	46.89	54.0	7.11	AV	57.00	200	Horizontal	Pass
2	2390.000	56.67	74.0	17.33	Peak	155.00	200	Horizontal	Pass
2**	2390.000	43.54	54.0	10.46	AV	155.00	200	Horizontal	Pass

802.11be20(SU) HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	53.81	74.0	20.19	Peak	17.00	100	Horizontal	Pass
1**	2483.500	44.42	54.0	9.58	AV	17.00	100	Horizontal	Pass
2	2488.418	58.3	74.0	15.70	Peak	116.00	300	Horizontal	Pass
2**	2488.418	44.47	54.0	9.53	AV	116.00	300	Horizontal	Pass

802.11be40(SU) LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2386.416	57.56	74.0	16.44	Peak	287.00	200	Horizontal	Pass
1**	2386.416	48.39	54.0	5.61	AV	287.00	200	Horizontal	Pass
2	2390.000	56.89	74.0	17.11	Peak	321.00	300	Horizontal	Pass
2**	2390.000	45.68	54.0	8.32	AV	321.00	300	Horizontal	Pass

802.11be40(SU) HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	55.46	74.0	18.54	Peak	219.00	100	Horizontal	Pass
1**	2483.500	47.3	54.0	6.70	AV	219.00	100	Horizontal	Pass
2	2488.759	59.5	74.0	14.50	Peak	108.00	100	Horizontal	Pass
2**	2488.759	44.62	54.0	9.38	AV	108.00	100	Horizontal	Pass

802.11ax20(RU26) LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2384.355	55.2	74.0	18.80	Peak	111.00	200	Horizontal	Pass
1**	2384.355	48.8	54.0	5.20	AV	111.00	200	Horizontal	Pass
2	2390.000	56.31	74.0	17.69	Peak	304.00	300	Horizontal	Pass
2**	2390.000	46.44	54.0	7.56	AV	304.00	300	Horizontal	Pass

802.11ax20(RU26) HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	53.26	74.0	20.74	Peak	285.00	200	Horizontal	Pass
1**	2483.500	48.44	54.0	5.56	AV	285.00	200	Horizontal	Pass
2	2487.633	57.27	74.0	16.73	Peak	266.00	100	Horizontal	Pass
2**	2487.633	47.78	54.0	6.22	AV	266.00	100	Horizontal	Pass

802.11ax40(RU26) LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2384.397	55.9	74.0	18.10	Peak	196.00	300	Horizontal	Pass
1**	2384.397	49.18	54.0	4.82	AV	196.00	300	Horizontal	Pass
2	2390.000	54.3	74.0	19.70	Peak	198.00	300	Horizontal	Pass
2**	2390.000	44.12	54.0	9.88	AV	198.00	300	Horizontal	Pass

802.11ax40(RU26) HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	55.15	74.0	18.85	Peak	298.00	100	Horizontal	Pass
1**	2483.500	48.69	54.0	5.31	AV	298.00	100	Horizontal	Pass
2	2487.909	55.34	74.0	18.66	Peak	87.00	300	Horizontal	Pass
2**	2487.909	46.92	54.0	7.08	AV	87.00	300	Horizontal	Pass

802.11be20(RU26) LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2383.996	58.88	74.0	15.12	Peak	326.00	200	Horizontal	Pass
1**	2383.996	49.31	54.0	4.69	AV	326.00	200	Horizontal	Pass
2	2390.000	55.9	74.0	18.10	Peak	101.00	200	Horizontal	Pass
2**	2390.000	46.84	54.0	7.16	AV	101.00	200	Horizontal	Pass

802.11be20(RU26) HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	53.26	74.0	20.74	Peak	285.00	200	Horizontal	Pass
1**	2483.500	48.44	54.0	5.56	AV	285.00	200	Horizontal	Pass
2	2487.633	57.27	74.0	16.73	Peak	266.00	100	Horizontal	Pass
2**	2487.633	47.78	54.0	6.22	AV	266.00	100	Horizontal	Pass

802.11be40(RU26) LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2383.863	55.3	74.0	18.70	Peak	341.00	100	Horizontal	Pass
1**	2383.863	47.36	54.0	6.64	AV	341.00	100	Horizontal	Pass
2	2390.000	56.9	74.0	17.10	Peak	21.00	200	Horizontal	Pass
2**	2390.000	46.51	54.0	7.49	AV	21.00	200	Horizontal	Pass

802.11be40(RU26) HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	55.22	74.0	18.78	Peak	202.00	300	Horizontal	Pass
1**	2483.500	46.24	54.0	7.76	AV	202.00	300	Horizontal	Pass
2	2488.300	58.91	74.0	15.09	Peak	276.00	300	Horizontal	Pass
2**	2488.300	47.31	54.0	6.69	AV	276.00	300	Horizontal	Pass

A.8 Power Spectral Density (PSD)

Note ¹: All the configurations were pre tested, only the worst configuration has been reported in this report.

Note ²: All antenna were pre tested, but only the worst case has been reported in this report.

Test Data

Main Antenna

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-11.64	8
Middle	-11.41	8
High	-11.46	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-13.23	8
Middle	-13.60	8
High	-12.87	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-13.64	8
Middle	-14.24	8
High	-12.26	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-15.66	8
Middle	-15.65	8
High	-16.11	8

802.11ax-20 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-14.72	8
Middle	-13.71	8
High	-14.04	8

802.11ax-40 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-16.29	8
Middle	-16.62	8
High	-16.67	8

802.11be-20 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-13.81	8
Middle	-13.83	8
High	-14.49	8

802.11be-40 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-16.54	8
Middle	-17.10	8
High	-15.70	8

802.11ax-20 MHz(RU26) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-8.29	8
Middle	-7.48	8
High	-9.01	8

802.11be-40 MHz(RU26) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-8.41	8
Middle	-6.68	8
High	-7.03	8

Test Plots

Main Antenna

802.11b LOW CHANNEL



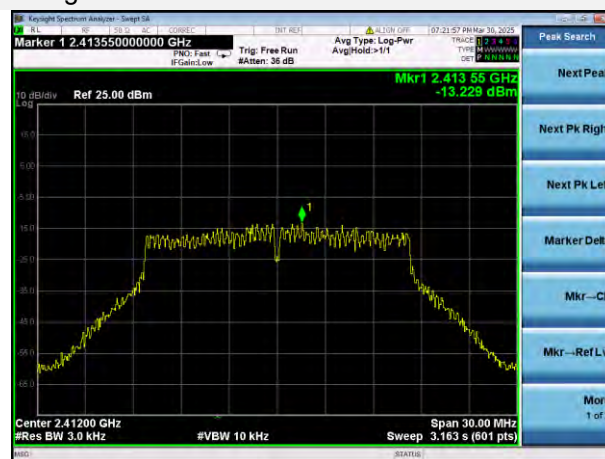
802.11b MIDDLE CHANNEL



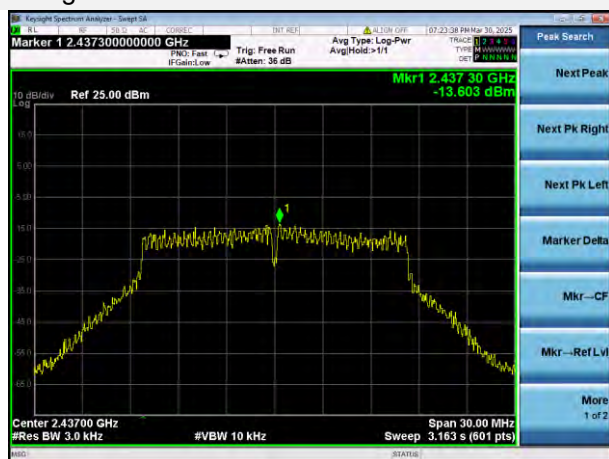
802.11b HIGH CHANNEL



802.11g LOW CHANNEL



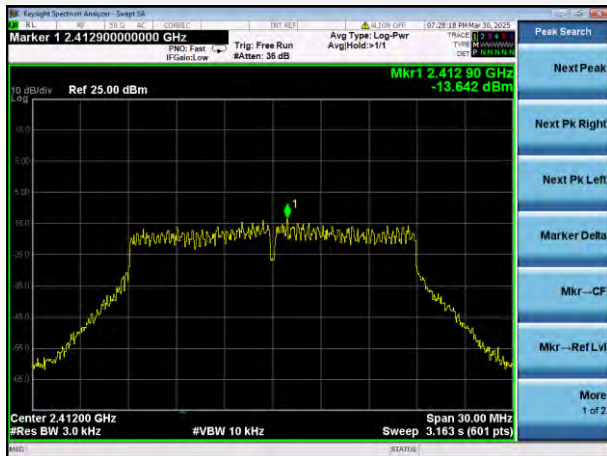
802.11g MIDDLE CHANNEL



802.11g HIGH CHANNEL



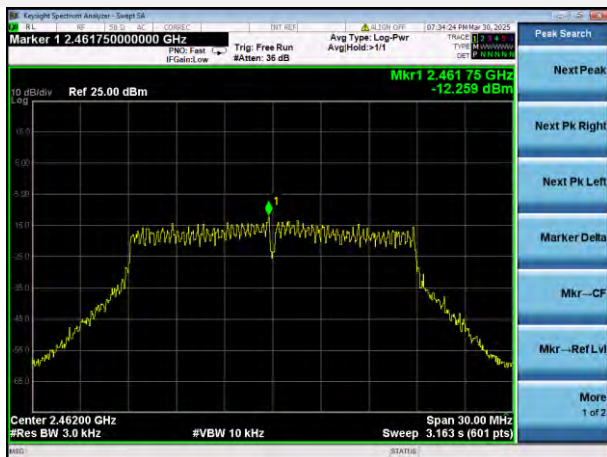
802.11n-20 MHz LOW CHANNEL



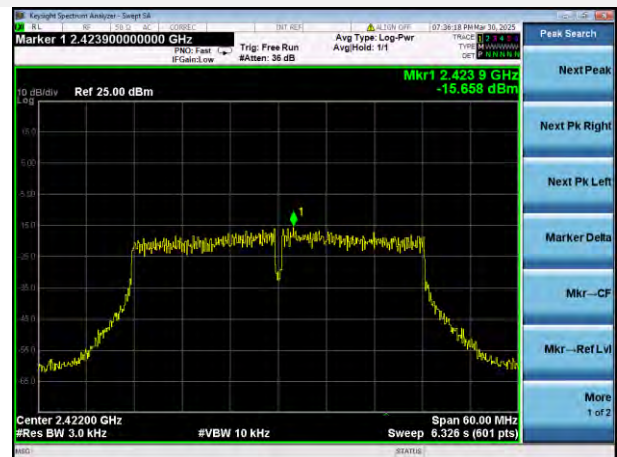
802.11n-20 MHz MIDDLE CHANNEL



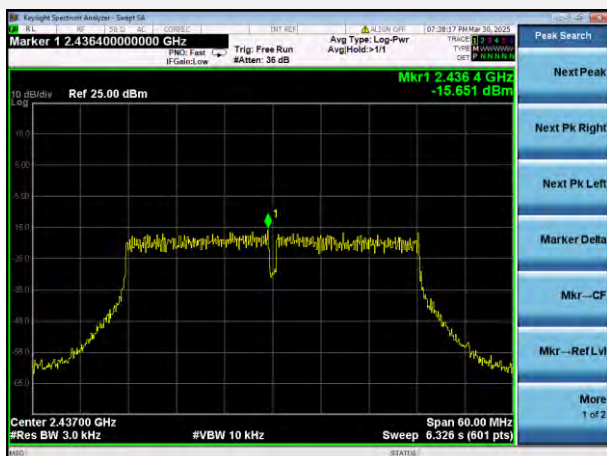
802.11n-20 MHz HIGH CHANNEL



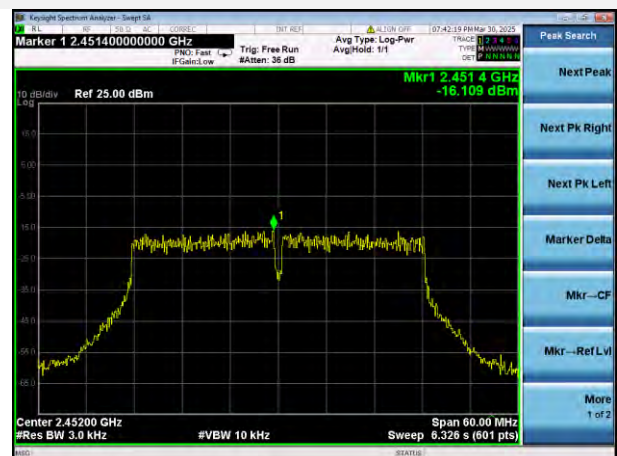
802.11n-40 MHz LOW CHANNEL



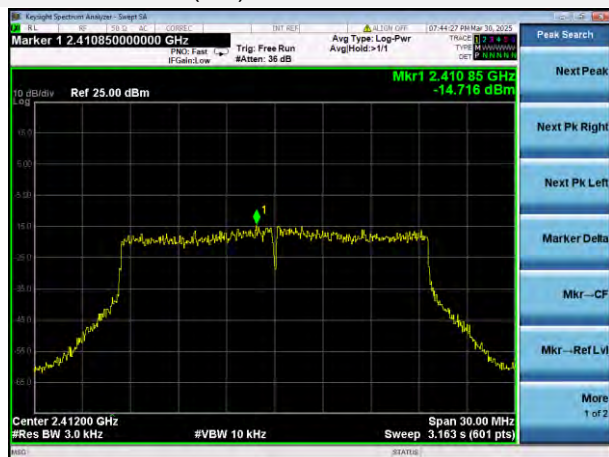
802.11n-40 MHz MIDDLE CHANNEL



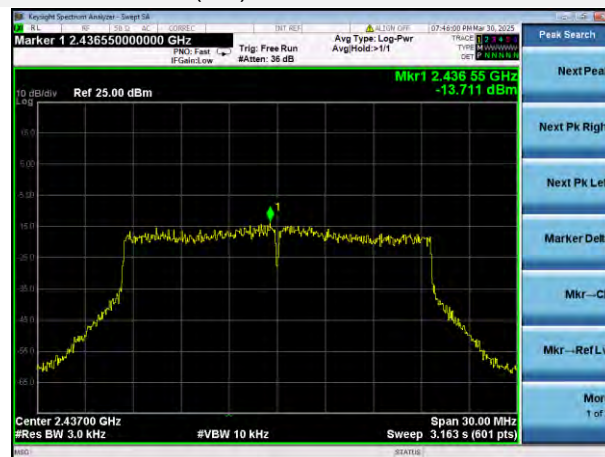
802.11n-40 MHz HIGH CHANNEL



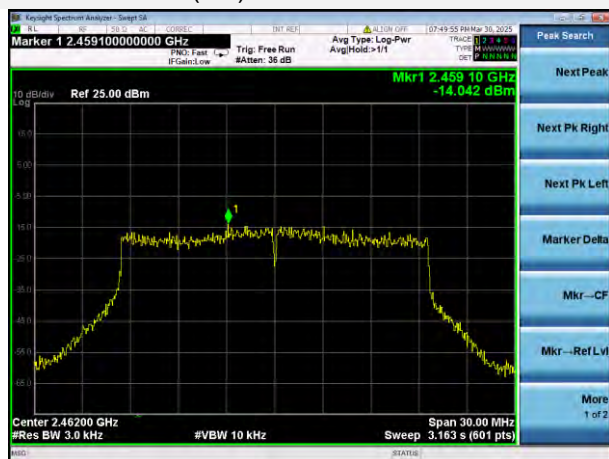
802.11ax-20 MHz(SU) LOW CHANNEL



802.11ax-20 MHz(SU) MIDDLE CHANNEL



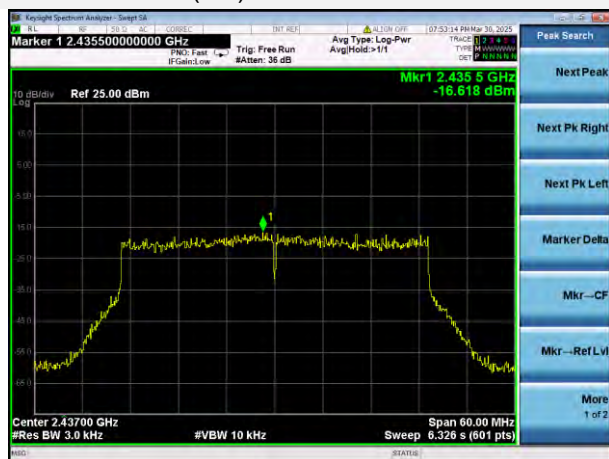
802.11ax-20 MHz(SU) HIGH CHANNEL



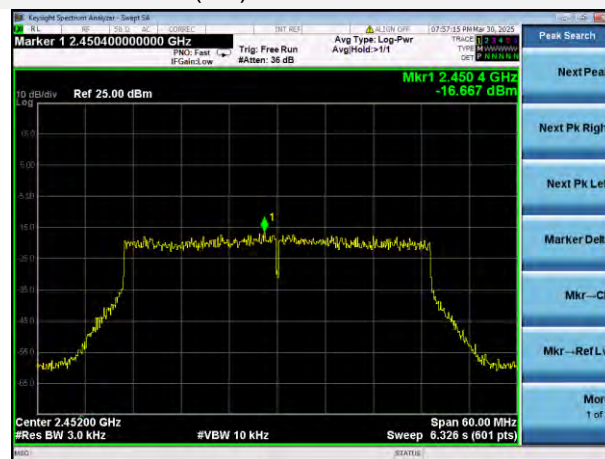
802.11ax-40 MHz(SU) LOW CHANNEL



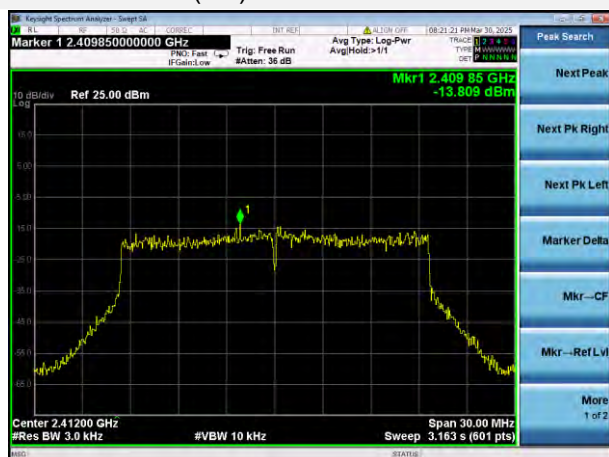
802.11ax-40 MHz(SU) MIDDLE CHANNEL



802.11ax-40 MHz(SU) HIGH CHANNEL



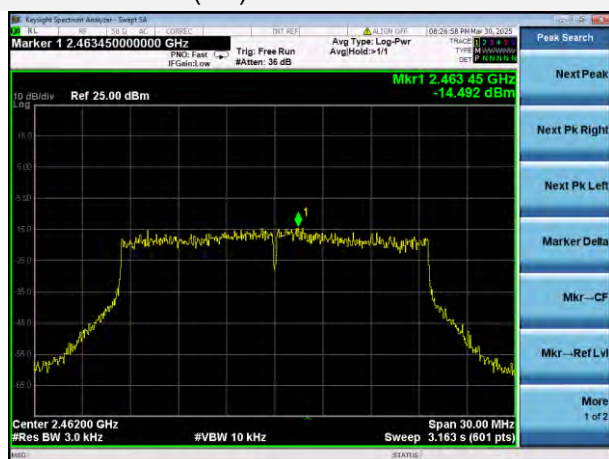
802.11be-20 MHz(SU) LOW CHANNEL



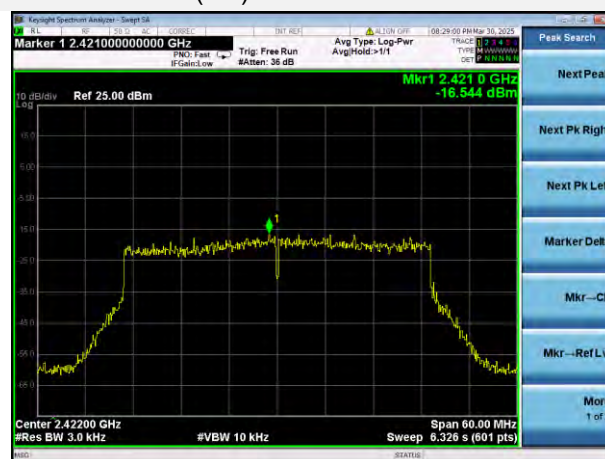
802.11be-20 MHz(SU) MIDDLE CHANNEL



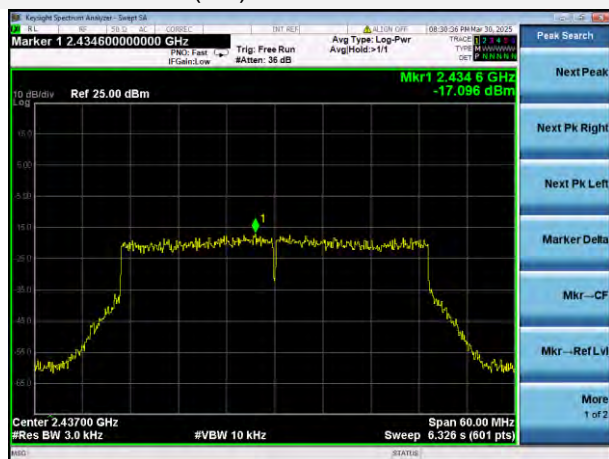
802.11be-20 MHz(SU) HIGH CHANNEL



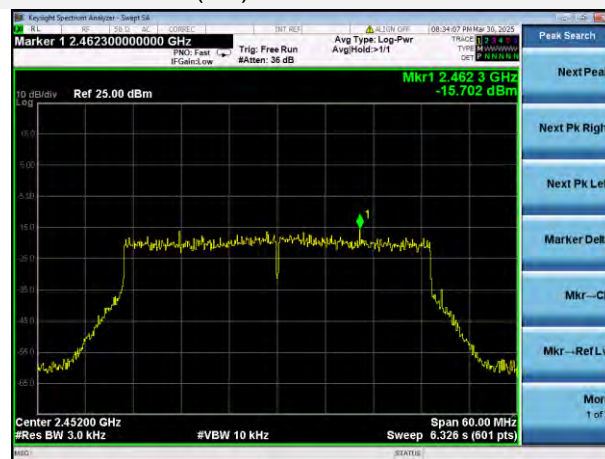
802.11be-40 MHz(SU) LOW CHANNEL



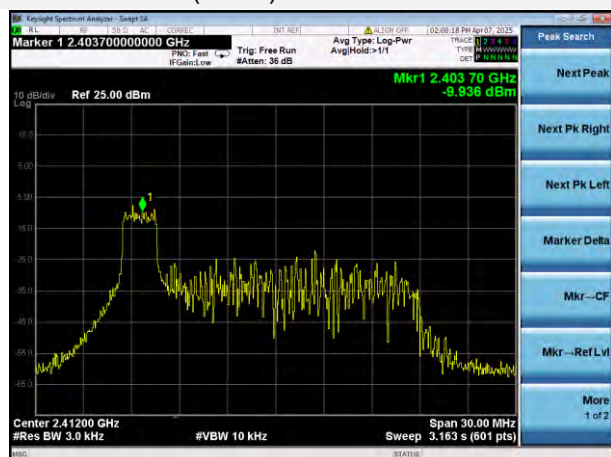
802.11be-40 MHz(SU) MIDDLE CHANNEL



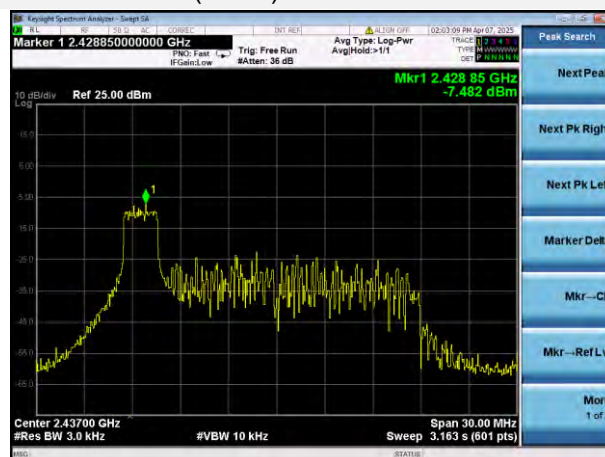
802.11be-40 MHz(SU) HIGH CHANNEL



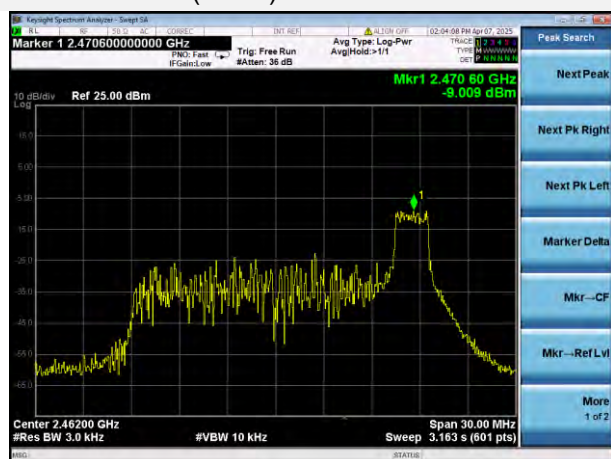
802.11ax-20 MHz(RU26) LOW CHANNEL



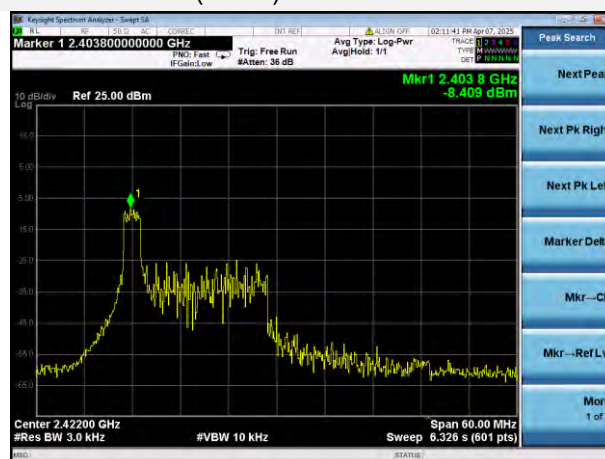
802.11ax-20 MHz(RU26) MIDDLE CHANNEL



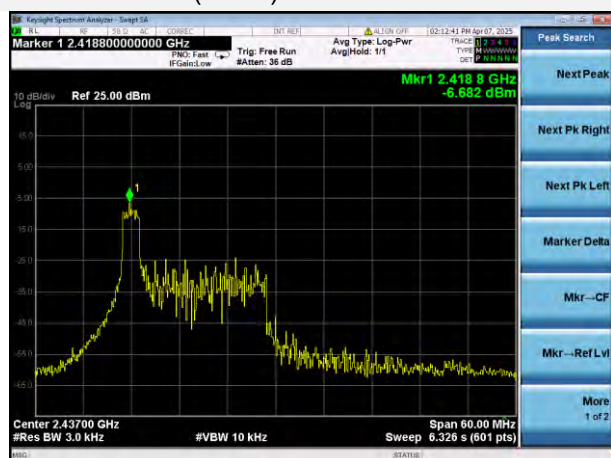
802.11ax-20 MHz(RU26) HIGH CHANNEL



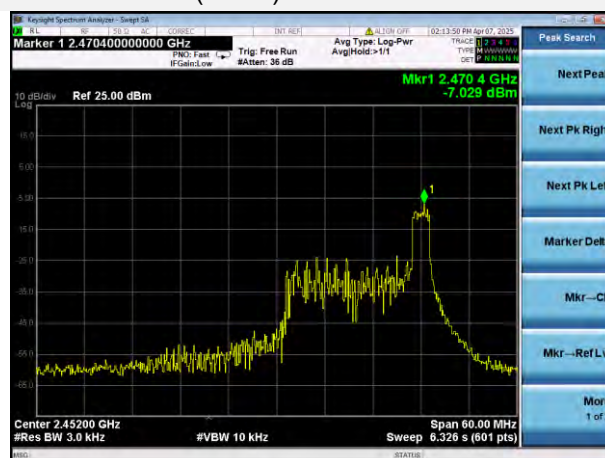
802.11be-40 MHz(RU26) LOW CHANNEL



802.11be-40 MHz(RU26) MIDDLE CHANNEL



802.11be-40 MHz(RU26) HIGH CHANNEL



ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2510665-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2510665-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2510665-AI.PDF”.

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--END OF REPORT--