

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	1335.774	42.71	74.0	31.29	Peak	117.00	100	Vertical	Pass
1**	1335.774	31.17	54.0	22.83	AV	117.00	100	Vertical	Pass
2	2077.827	50.66	74.0	23.34	Peak	212.00	100	Vertical	Pass
2**	2077.827	44.16	54.0	9.84	AV	212.00	100	Vertical	Pass
3	6806.915	52.51	74.0	21.49	Peak	192.00	200	Vertical	Pass
3**	6806.915	43.41	54.0	10.59	AV	192.00	200	Vertical	Pass
4	7967.708	56.50	74.0	17.50	Peak	38.00	400	Vertical	Pass
4**	7967.708	43.85	54.0	10.15	AV	38.00	400	Vertical	Pass
5	12463.885	50.07	74.0	23.93	Peak	61.00	300	Vertical	Pass
5**	12463.885	39.99	54.0	14.02	AV	61.00	300	Vertical	Pass
6	17102.977	51.84	74.0	22.16	Peak	242.00	300	Vertical	Pass
6**	17102.977	42.91	54.0	11.09	AV	242.00	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	1362.040	44.01	74.0	29.99	Peak	216.00	300	Horizontal	Pass
1**	1362.040	35.06	54.0	18.94	AV	216.00	300	Horizontal	Pass
2	2894.963	54.05	74.0	19.95	Peak	18.00	400	Horizontal	Pass
2**	2894.963	44.38	54.0	9.62	AV	18.00	400	Horizontal	Pass
3	4280.369	48.83	74.0	25.17	Peak	263.00	200	Horizontal	Pass
3**	4280.369	38.94	54.0	15.07	AV	263.00	200	Horizontal	Pass
4	6054.901	53.11	74.0	20.89	Peak	355.00	100	Horizontal	Pass
4**	6054.901	43.41	54.0	10.59	AV	355.00	100	Horizontal	Pass
5	10723.576	49.33	74.0	24.67	Peak	259.00	400	Horizontal	Pass
5**	10723.576	39.65	54.0	14.36	AV	259.00	400	Horizontal	Pass
6	17350.531	53.14	74.0	20.86	Peak	103.00	100	Horizontal	Pass
6**	17350.531	44.32	54.0	9.68	AV	103.00	100	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	1329.243	41.81	74.0	32.19	Peak	22.00	200	Vertical	Pass
1**	1329.243	30.24	54.0	23.76	AV	22.00	200	Vertical	Pass
2	2081.133	50.10	74.0	23.90	Peak	77.00	100	Vertical	Pass
2**	2081.133	43.68	54.0	10.32	AV	77.00	100	Vertical	Pass
3	6805.690	51.57	74.0	22.43	Peak	110.00	200	Vertical	Pass
3**	6805.690	43.26	54.0	10.74	AV	110.00	200	Vertical	Pass
4	7964.251	55.64	74.0	18.36	Peak	175.00	400	Vertical	Pass
4**	7964.251	42.99	54.0	11.01	AV	175.00	400	Vertical	Pass
5	12464.671	50.01	74.0	23.99	Peak	305.00	200	Vertical	Pass
5**	12464.671	39.86	54.0	14.15	AV	305.00	200	Vertical	Pass
6	17102.568	51.08	74.0	22.92	Peak	125.00	400	Vertical	Pass
6**	17102.568	42.53	54.0	11.47	AV	125.00	400	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	1363.406	44.49	74.0	29.51	Peak	44.00	200	Horizontal	Pass
1**	1363.406	34.69	54.0	19.31	AV	44.00	200	Horizontal	Pass
2	2902.490	53.63	74.0	20.37	Peak	123.00	200	Horizontal	Pass
2**	2902.490	43.80	54.0	10.20	AV	123.00	200	Horizontal	Pass
3	4277.874	48.65	74.0	25.35	Peak	324.00	200	Horizontal	Pass
3**	4277.874	38.50	54.0	15.51	AV	324.00	200	Horizontal	Pass
4	6061.430	53.29	74.0	20.71	Peak	314.00	400	Horizontal	Pass
4**	6061.430	43.35	54.0	10.65	AV	314.00	400	Horizontal	Pass
5	10726.692	49.47	74.0	24.53	Peak	109.00	100	Horizontal	Pass
5**	10726.692	40.14	54.0	13.87	AV	109.00	100	Horizontal	Pass
6	17343.652	53.09	74.0	20.91	Peak	318.00	100	Horizontal	Pass
6**	17343.652	44.37	54.0	9.63	AV	318.00	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	1332.102	42.10	74.0	31.90	Peak	112.00	100	Vertical	Pass
1**	1332.102	30.30	54.0	23.70	AV	112.00	100	Vertical	Pass
2	2083.543	50.21	74.0	23.79	Peak	48.00	400	Vertical	Pass
2**	2083.543	43.49	54.0	10.51	AV	48.00	400	Vertical	Pass
3	6802.205	51.76	74.0	22.24	Peak	289.00	200	Vertical	Pass
3**	6802.205	42.54	54.0	11.46	AV	289.00	200	Vertical	Pass
4	7970.941	56.09	74.0	17.91	Peak	339.00	100	Vertical	Pass
4**	7970.941	43.73	54.0	10.27	AV	339.00	100	Vertical	Pass
5	12462.243	49.98	74.0	24.02	Peak	328.00	100	Vertical	Pass
5**	12462.243	39.38	54.0	14.63	AV	328.00	100	Vertical	Pass
6	17108.025	51.07	74.0	22.93	Peak	58.00	100	Vertical	Pass
6**	17108.025	42.65	54.0	11.35	AV	58.00	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	1361.183	44.15	74.0	29.85	Peak	6.00	400	Horizontal	Pass
1**	1361.183	35.31	54.0	18.69	AV	6.00	400	Horizontal	Pass
2	2899.499	54.14	74.0	19.86	Peak	253.00	400	Horizontal	Pass
2**	2899.499	43.81	54.0	10.19	AV	253.00	400	Horizontal	Pass
3	4277.544	48.81	74.0	25.19	Peak	216.00	200	Horizontal	Pass
3**	4277.544	39.09	54.0	14.92	AV	216.00	200	Horizontal	Pass
4	6059.947	53.25	74.0	20.75	Peak	296.00	100	Horizontal	Pass
4**	6059.947	43.26	54.0	10.74	AV	296.00	100	Horizontal	Pass
5	10719.936	50.08	74.0	23.92	Peak	195.00	100	Horizontal	Pass
5**	10719.936	40.05	54.0	13.96	AV	195.00	100	Horizontal	Pass
6	17346.865	52.97	74.0	21.03	Peak	160.00	200	Horizontal	Pass
6**	17346.865	44.28	54.0	9.72	AV	160.00	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	1329.229	41.15	74.0	32.85	Peak	4.00	200	Vertical	Pass
1**	1329.229	29.87	54.0	24.13	AV	4.00	200	Vertical	Pass
2	2082.789	50.07	74.0	23.93	Peak	14.00	100	Vertical	Pass
2**	2082.789	43.61	54.0	10.39	AV	14.00	100	Vertical	Pass
3	6806.900	51.32	74.0	22.68	Peak	236.00	200	Vertical	Pass
3**	6806.900	42.65	54.0	11.35	AV	236.00	200	Vertical	Pass
4	7964.000	55.43	74.0	18.57	Peak	9.00	100	Vertical	Pass
4**	7964.000	42.44	54.0	11.56	AV	9.00	100	Vertical	Pass
5	12461.349	49.92	74.0	24.08	Peak	38.00	200	Vertical	Pass
5**	12461.349	39.76	54.0	14.25	AV	38.00	200	Vertical	Pass
6	17104.176	50.75	74.0	23.25	Peak	316.00	400	Vertical	Pass
6**	17104.176	41.84	54.0	12.16	AV	316.00	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	1362.895	43.06	74.0	30.94	Peak	338.00	100	Horizontal	Pass
1**	1362.895	34.46	54.0	19.54	AV	338.00	100	Horizontal	Pass
2	2900.164	53.46	74.0	20.54	Peak	263.00	200	Horizontal	Pass
2**	2900.164	43.75	54.0	10.25	AV	263.00	200	Horizontal	Pass
3	4279.329	48.34	74.0	25.66	Peak	1.00	200	Horizontal	Pass
3**	4279.329	38.93	54.0	15.08	AV	1.00	200	Horizontal	Pass
4	6055.555	52.16	74.0	21.84	Peak	199.00	400	Horizontal	Pass
4**	6055.555	42.88	54.0	11.12	AV	199.00	400	Horizontal	Pass
5	10726.920	48.97	74.0	25.03	Peak	220.00	400	Horizontal	Pass
5**	10726.920	38.90	54.0	15.11	AV	220.00	400	Horizontal	Pass
6	17349.797	53.09	74.0	20.91	Peak	119.00	100	Horizontal	Pass
6**	17349.797	43.58	54.0	10.42	AV	119.00	100	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	1334.356	41.45	74.0	32.55	Peak	264.00	300	Vertical	Pass
1**	1334.356	29.36	54.0	24.64	AV	264.00	300	Vertical	Pass
2	2079.639	49.97	74.0	24.03	Peak	2.00	300	Vertical	Pass
2**	2079.639	43.03	54.0	10.97	AV	2.00	300	Vertical	Pass
3	6804.287	51.53	74.0	22.47	Peak	150.00	200	Vertical	Pass
3**	6804.287	41.98	54.0	12.02	AV	150.00	200	Vertical	Pass
4	7965.972	55.89	74.0	18.11	Peak	226.00	400	Vertical	Pass
4**	7965.972	42.84	54.0	11.16	AV	226.00	400	Vertical	Pass
5	12467.395	49.45	74.0	24.55	Peak	228.00	100	Vertical	Pass
5**	12467.395	38.40	54.0	15.61	AV	228.00	100	Vertical	Pass
6	17105.964	50.87	74.0	23.13	Peak	315.00	400	Vertical	Pass
6**	17105.964	42.06	54.0	11.94	AV	315.00	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	1359.255	44.15	74.0	29.85	Peak	137.00	400	Horizontal	Pass
1**	1359.255	34.16	54.0	19.84	AV	137.00	400	Horizontal	Pass
2	2895.549	52.68	74.0	21.32	Peak	18.00	200	Horizontal	Pass
2**	2895.549	43.04	54.0	10.96	AV	18.00	200	Horizontal	Pass
3	4276.254	48.41	74.0	25.59	Peak	81.00	200	Horizontal	Pass
3**	4276.254	37.76	54.0	16.25	AV	81.00	200	Horizontal	Pass
4	6056.654	52.75	74.0	21.25	Peak	39.00	200	Horizontal	Pass
4**	6056.654	42.86	54.0	11.14	AV	39.00	200	Horizontal	Pass
5	10719.843	49.13	74.0	24.87	Peak	160.00	100	Horizontal	Pass
5**	10719.843	39.58	54.0	14.43	AV	160.00	100	Horizontal	Pass
6	17343.970	52.90	74.0	21.10	Peak	140.00	300	Horizontal	Pass
6**	17343.970	43.92	54.0	10.08	AV	140.00	300	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	1331.738	41.10	74.0	32.90	Peak	52.00	400	Vertical	Pass
1**	1331.738	29.80	54.0	24.20	AV	52.00	400	Vertical	Pass
2	2077.707	50.04	74.0	23.96	Peak	206.00	100	Vertical	Pass
2**	2077.707	43.59	54.0	10.41	AV	206.00	100	Vertical	Pass
3	6806.958	51.27	74.0	22.73	Peak	5.00	200	Vertical	Pass
3**	6806.958	42.65	54.0	11.35	AV	5.00	200	Vertical	Pass
4	7965.663	55.43	74.0	18.58	Peak	182.00	100	Vertical	Pass
4**	7965.663	42.34	54.0	11.66	AV	182.00	100	Vertical	Pass
5	12464.395	49.82	74.0	24.18	Peak	296.00	300	Vertical	Pass
5**	12464.395	39.69	54.0	14.31	AV	296.00	300	Vertical	Pass
6	17106.503	50.66	74.0	23.34	Peak	150.00	100	Vertical	Pass
6**	17106.503	41.74	54.0	12.26	AV	150.00	100	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	1359.113	44.06	74.0	29.94	Peak	192.00	400	Horizontal	Pass
1**	1359.113	35.27	54.0	18.73	AV	192.00	400	Horizontal	Pass
2	2902.349	54.08	74.0	19.92	Peak	324.00	400	Horizontal	Pass
2**	2902.349	43.75	54.0	10.25	AV	324.00	400	Horizontal	Pass
3	4274.971	48.73	74.0	25.27	Peak	85.00	200	Horizontal	Pass
3**	4274.971	39.00	54.0	15.00	AV	85.00	200	Horizontal	Pass
4	6057.801	53.23	74.0	20.77	Peak	99.00	200	Horizontal	Pass
4**	6057.801	43.22	54.0	10.78	AV	99.00	200	Horizontal	Pass
5	10724.753	50.03	74.0	23.98	Peak	311.00	300	Horizontal	Pass
5**	10724.753	39.99	54.0	14.01	AV	311.00	300	Horizontal	Pass
6	17344.343	52.91	74.0	21.10	Peak	289.00	200	Horizontal	Pass
6**	17344.343	44.18	54.0	9.82	AV	289.00	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	1330.446	41.43	74.0	32.57	Peak	259.00	200	Vertical	Pass
1**	1330.446	29.27	54.0	24.73	AV	259.00	200	Vertical	Pass
2	2081.058	49.88	74.0	24.12	Peak	64.00	400	Vertical	Pass
2**	2081.058	43.02	54.0	10.98	AV	64.00	400	Vertical	Pass
3	6800.561	51.48	74.0	22.52	Peak	298.00	200	Vertical	Pass
3**	6800.561	41.88	54.0	12.12	AV	298.00	200	Vertical	Pass
4	7969.889	55.87	74.0	18.13	Peak	70.00	300	Vertical	Pass
4**	7969.889	42.80	54.0	11.21	AV	70.00	300	Vertical	Pass
5	12463.790	49.42	74.0	24.58	Peak	9.00	200	Vertical	Pass
5**	12463.790	38.30	54.0	15.70	AV	9.00	200	Vertical	Pass
6	17106.218	50.81	74.0	23.19	Peak	271.00	300	Vertical	Pass
6**	17106.218	42.00	54.0	12.00	AV	271.00	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	1360.261	44.92	74.0	29.08	Peak	243.00	100	Horizontal	Pass
1**	1360.261	35.35	54.0	18.65	AV	243.00	100	Horizontal	Pass
2	2895.426	54.27	74.0	19.73	Peak	178.00	300	Horizontal	Pass
2**	2895.426	44.37	54.0	9.63	AV	178.00	300	Horizontal	Pass
3	4280.337	49.19	74.0	24.81	Peak	346.00	200	Horizontal	Pass
3**	4280.337	39.31	54.0	14.69	AV	346.00	200	Horizontal	Pass
4	6056.496	53.87	74.0	20.13	Peak	203.00	400	Horizontal	Pass
4**	6056.496	43.76	54.0	10.24	AV	203.00	400	Horizontal	Pass
5	10719.413	50.24	74.0	23.76	Peak	3.00	400	Horizontal	Pass
5**	10719.413	40.58	54.0	13.42	AV	3.00	400	Horizontal	Pass
6	17344.134	53.36	74.0	20.64	Peak	75.00	400	Horizontal	Pass
6**	17344.134	44.45	54.0	9.55	AV	75.00	400	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	1333.018	41.02	74.0	32.98	Peak	71.00	200	Vertical	Pass
1**	1333.018	29.48	54.0	24.52	AV	71.00	200	Vertical	Pass
2	2076.359	49.66	74.0	24.34	Peak	32.00	300	Vertical	Pass
2**	2076.359	42.78	54.0	11.22	AV	32.00	300	Vertical	Pass
3	6803.426	50.87	74.0	23.13	Peak	263.00	200	Vertical	Pass
3**	6803.426	42.62	54.0	11.38	AV	263.00	200	Vertical	Pass
4	7969.619	55.38	74.0	18.63	Peak	318.00	100	Vertical	Pass
4**	7969.619	41.39	54.0	12.61	AV	318.00	100	Vertical	Pass
5	12467.384	49.75	74.0	24.25	Peak	184.00	300	Vertical	Pass
5**	12467.384	39.49	54.0	14.51	AV	184.00	300	Vertical	Pass
6	17103.665	50.35	74.0	23.65	Peak	142.00	300	Vertical	Pass
6**	17103.665	41.69	54.0	12.31	AV	142.00	300	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	1364.436	44.95	74.0	29.05	Peak	101.00	200	Horizontal	Pass
1**	1364.436	35.33	54.0	18.68	AV	101.00	200	Horizontal	Pass
2	2899.306	54.27	74.0	19.73	Peak	104.00	100	Horizontal	Pass
2**	2899.306	44.34	54.0	9.66	AV	104.00	100	Horizontal	Pass
3	4277.569	49.15	74.0	24.85	Peak	150.00	200	Horizontal	Pass
3**	4277.569	39.30	54.0	14.70	AV	150.00	200	Horizontal	Pass
4	6055.685	53.81	74.0	20.19	Peak	27.00	400	Horizontal	Pass
4**	6055.685	43.72	54.0	10.28	AV	27.00	400	Horizontal	Pass
5	10722.745	50.21	74.0	23.79	Peak	228.00	200	Horizontal	Pass
5**	10722.745	40.52	54.0	13.48	AV	228.00	200	Horizontal	Pass
6	17348.754	53.34	74.0	20.66	Peak	326.00	300	Horizontal	Pass
6**	17348.754	44.45	54.0	9.55	AV	326.00	300	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	1333.454	41.43	74.0	32.57	Peak	219.00	400	Vertical	Pass
1**	1333.454	28.55	54.0	25.45	AV	219.00	400	Vertical	Pass
2	2076.779	49.68	74.0	24.32	Peak	236.00	400	Vertical	Pass
2**	2076.779	42.38	54.0	11.62	AV	236.00	400	Vertical	Pass
3	6807.360	51.42	74.0	22.58	Peak	19.00	200	Vertical	Pass
3**	6807.360	41.15	54.0	12.85	AV	19.00	200	Vertical	Pass
4	7969.042	55.69	74.0	18.31	Peak	325.00	100	Vertical	Pass
4**	7969.042	42.79	54.0	11.22	AV	325.00	100	Vertical	Pass
5	12463.924	48.77	74.0	25.23	Peak	224.00	100	Vertical	Pass
5**	12463.924	37.49	54.0	16.51	AV	224.00	100	Vertical	Pass
6	17106.267	50.76	74.0	23.24	Peak	161.00	400	Vertical	Pass
6**	17106.267	41.24	54.0	12.76	AV	161.00	400	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	1363.290	44.93	74.0	29.07	Peak	157.00	400	Horizontal	Pass
1**	1363.290	35.38	54.0	18.62	AV	157.00	400	Horizontal	Pass
2	2902.366	54.23	74.0	19.77	Peak	207.00	100	Horizontal	Pass
2**	2902.366	44.30	54.0	9.60	AV	207.00	100	Horizontal	Pass
3	4277.834	49.19	74.0	24.81	Peak	340.00	200	Horizontal	Pass
3**	4277.834	39.29	54.0	14.71	AV	340.00	200	Horizontal	Pass
4	6058.581	53.82	74.0	20.18	Peak	24.00	400	Horizontal	Pass
4**	6058.581	43.73	54.0	10.27	AV	24.00	400	Horizontal	Pass
5	10723.582	50.28	74.0	23.72	Peak	243.00	100	Horizontal	Pass
5**	10723.582	40.59	54.0	13.41	AV	243.00	100	Horizontal	Pass
6	17344.946	53.34	74.0	20.66	Peak	228.00	400	Horizontal	Pass
6**	17344.946	44.39	54.0	9.61	AV	228.00	400	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	1336.251	42.29	74.0	31.71	Peak	269.00	400	Vertical	Pass
1**	1336.251	30.58	54.0	23.42	AV	269.00	400	Vertical	Pass
2	2078.350	50.57	74.0	23.43	Peak	341.00	300	Vertical	Pass
2**	2078.350	43.53	54.0	10.47	AV	341.00	300	Vertical	Pass
3	6802.528	51.72	74.0	22.28	Peak	325.00	200	Vertical	Pass
3**	6802.528	43.02	54.0	10.98	AV	325.00	200	Vertical	Pass
4	7965.090	56.33	74.0	17.67	Peak	75.00	300	Vertical	Pass
4**	7965.090	43.50	54.0	10.50	AV	75.00	300	Vertical	Pass
5	12462.948	49.63	74.0	24.37	Peak	307.00	400	Vertical	Pass
5**	12462.948	39.27	54.0	14.74	AV	307.00	400	Vertical	Pass
6	17103.548	51.46	74.0	22.54	Peak	352.00	200	Vertical	Pass
6**	17103.548	41.93	54.0	12.07	AV	352.00	200	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	1362.229	43.72	74.0	30.28	Peak	288.00	400	Horizontal	Pass
1**	1362.229	35.05	54.0	18.95	AV	288.00	400	Horizontal	Pass
2	2900.869	53.14	74.0	20.86	Peak	329.00	400	Horizontal	Pass
2**	2900.869	43.82	54.0	10.18	AV	329.00	400	Horizontal	Pass
3	4275.823	48.51	74.0	25.49	Peak	134.00	200	Horizontal	Pass
3**	4275.823	38.74	54.0	15.27	AV	134.00	200	Horizontal	Pass
4	6055.878	52.68	74.0	21.32	Peak	293.00	100	Horizontal	Pass
4**	6055.878	42.99	54.0	11.01	AV	293.00	100	Horizontal	Pass
5	10721.996	49.16	74.0	24.84	Peak	100.00	200	Horizontal	Pass
5**	10721.996	38.66	54.0	15.35	AV	100.00	200	Horizontal	Pass
6	17349.955	53.02	74.0	20.98	Peak	153.00	200	Horizontal	Pass
6**	17349.955	44.27	54.0	9.73	AV	153.00	200	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	1334.861	41.40	74.0	32.60	Peak	215.00	400	Vertical	Pass
1**	1334.861	29.88	54.0	24.12	AV	215.00	400	Vertical	Pass
2	2081.160	49.61	74.0	24.39	Peak	184.00	300	Vertical	Pass
2**	2081.160	43.27	54.0	10.73	AV	184.00	300	Vertical	Pass
3	6804.821	51.35	74.0	22.65	Peak	263.00	200	Vertical	Pass
3**	6804.821	42.43	54.0	11.57	AV	263.00	200	Vertical	Pass
4	7963.635	54.99	74.0	19.01	Peak	32.00	100	Vertical	Pass
4**	7963.635	42.67	54.0	11.33	AV	32.00	100	Vertical	Pass
5	12463.583	49.94	74.0	24.06	Peak	10.00	400	Vertical	Pass
5**	12463.583	39.23	54.0	14.78	AV	10.00	400	Vertical	Pass
6	17107.256	50.69	74.0	23.31	Peak	24.00	400	Vertical	Pass
6**	17107.256	41.84	54.0	12.16	AV	24.00	400	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	1362.174	44.50	74.0	29.50	Peak	261.00	100	Horizontal	Pass
1**	1362.174	35.00	54.0	19.00	AV	261.00	100	Horizontal	Pass
2	2898.166	54.22	74.0	19.78	Peak	345.00	100	Horizontal	Pass
2**	2898.166	44.33	54.0	9.67	AV	345.00	100	Horizontal	Pass
3	4281.962	48.27	74.0	25.73	Peak	210.00	200	Horizontal	Pass
3**	4281.962	39.26	54.0	14.75	AV	210.00	200	Horizontal	Pass
4	6056.245	53.49	74.0	20.51	Peak	74.00	200	Horizontal	Pass
4**	6056.245	43.47	54.0	10.53	AV	74.00	200	Horizontal	Pass
5	10724.595	50.06	74.0	23.94	Peak	192.00	200	Horizontal	Pass
5**	10724.595	39.78	54.0	14.23	AV	192.00	200	Horizontal	Pass
6	17347.890	52.80	74.0	21.20	Peak	74.00	100	Horizontal	Pass
6**	17347.890	43.98	54.0	10.02	AV	74.00	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	1335.407	42.53	74.0	31.47	Peak	12.00	200	Vertical	Pass
1**	1335.407	30.25	54.0	23.75	AV	12.00	200	Vertical	Pass
2	2082.872	50.01	74.0	23.99	Peak	189.00	100	Vertical	Pass
2**	2082.872	43.52	54.0	10.48	AV	189.00	100	Vertical	Pass
3	6806.606	52.10	74.0	21.90	Peak	157.00	200	Vertical	Pass
3**	6806.606	42.55	54.0	11.45	AV	157.00	200	Vertical	Pass
4	7970.572	55.80	74.0	18.20	Peak	31.00	100	Vertical	Pass
4**	7970.572	43.83	54.0	10.17	AV	31.00	100	Vertical	Pass
5	12465.755	49.20	74.0	24.80	Peak	204.00	400	Vertical	Pass
5**	12465.755	39.21	54.0	14.80	AV	204.00	400	Vertical	Pass
6	17108.236	51.37	74.0	22.63	Peak	239.00	100	Vertical	Pass
6**	17108.236	42.55	54.0	11.45	AV	239.00	100	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	1362.261	43.54	74.0	30.46	Peak	336.00	100	Horizontal	Pass
1**	1362.261	34.54	54.0	19.46	AV	336.00	100	Horizontal	Pass
2	2902.015	53.28	74.0	20.72	Peak	84.00	400	Horizontal	Pass
2**	2902.015	44.37	54.0	9.63	AV	84.00	400	Horizontal	Pass
3	4275.026	48.28	74.0	25.72	Peak	118.00	200	Horizontal	Pass
3**	4275.026	38.60	54.0	15.41	AV	118.00	200	Horizontal	Pass
4	6054.514	52.38	74.0	21.62	Peak	152.00	200	Horizontal	Pass
4**	6054.514	42.91	54.0	11.09	AV	152.00	200	Horizontal	Pass
5	10724.429	49.26	74.0	24.74	Peak	22.00	100	Horizontal	Pass
5**	10724.429	39.41	54.0	14.60	AV	22.00	100	Horizontal	Pass
6	17346.519	52.53	74.0	21.47	Peak	203.00	100	Horizontal	Pass
6**	17346.519	43.97	54.0	10.03	AV	203.00	100	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	1335.816	41.31	74.0	32.69	Peak	28.00	200	Vertical	Pass
1**	1335.816	30.10	54.0	23.90	AV	28.00	200	Vertical	Pass
2	2077.421	49.26	74.0	24.74	Peak	312.00	400	Vertical	Pass
2**	2077.421	43.07	54.0	10.93	AV	312.00	400	Vertical	Pass
3	6802.925	51.09	74.0	22.91	Peak	172.00	200	Vertical	Pass
3**	6802.925	42.48	54.0	11.52	AV	172.00	200	Vertical	Pass
4	7967.127	55.50	74.0	18.50	Peak	321.00	300	Vertical	Pass
4**	7967.127	42.61	54.0	11.39	AV	321.00	300	Vertical	Pass
5	12462.809	49.71	74.0	24.29	Peak	173.00	300	Vertical	Pass
5**	12462.809	39.55	54.0	14.46	AV	173.00	300	Vertical	Pass
6	17103.812	50.78	74.0	23.22	Peak	164.00	200	Vertical	Pass
6**	17103.812	42.31	54.0	11.69	AV	164.00	200	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	1363.944	43.62	74.0	30.38	Peak	146.00	300	Horizontal	Pass
1**	1363.944	34.26	54.0	19.74	AV	146.00	300	Horizontal	Pass
2	2898.312	52.75	74.0	21.25	Peak	157.00	400	Horizontal	Pass
2**	2898.312	42.82	54.0	11.18	AV	157.00	400	Horizontal	Pass
3	4274.139	47.82	74.0	26.18	Peak	253.00	200	Horizontal	Pass
3**	4274.139	37.70	54.0	16.31	AV	253.00	200	Horizontal	Pass
4	6061.677	52.54	74.0	21.46	Peak	16.00	300	Horizontal	Pass
4**	6061.677	43.01	54.0	10.99	AV	16.00	300	Horizontal	Pass
5	10722.694	49.34	74.0	24.66	Peak	244.00	400	Horizontal	Pass
5**	10722.694	39.99	54.0	14.02	AV	244.00	400	Horizontal	Pass
6	17345.331	52.70	74.0	21.30	Peak	159.00	200	Horizontal	Pass
6**	17345.331	44.28	54.0	9.72	AV	159.00	200	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	1336.363	41.31	74.0	32.69	Peak	101.00	100	Vertical	Pass
1**	1336.363	29.41	54.0	24.59	AV	101.00	100	Vertical	Pass
2	2076.276	49.57	74.0	24.43	Peak	5.00	400	Vertical	Pass
2**	2076.276	43.16	54.0	10.84	AV	5.00	400	Vertical	Pass
3	6800.697	51.02	74.0	22.98	Peak	263.00	200	Vertical	Pass
3**	6800.697	42.38	54.0	11.62	AV	263.00	200	Vertical	Pass
4	7969.562	55.14	74.0	18.86	Peak	277.00	400	Vertical	Pass
4**	7969.562	43.03	54.0	10.97	AV	277.00	400	Vertical	Pass
5	12462.733	49.22	74.0	24.78	Peak	120.00	200	Vertical	Pass
5**	12462.733	38.54	54.0	15.47	AV	120.00	200	Vertical	Pass
6	17100.887	50.69	74.0	23.31	Peak	244.00	100	Vertical	Pass
6**	17100.887	41.98	54.0	12.02	AV	244.00	100	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	1360.769	44.43	74.0	29.57	Peak	330.00	300	Horizontal	Pass
1**	1360.769	35.01	54.0	18.99	AV	330.00	300	Horizontal	Pass
2	2902.223	53.66	74.0	20.34	Peak	234.00	200	Horizontal	Pass
2**	2902.223	44.33	54.0	9.67	AV	234.00	200	Horizontal	Pass
3	4279.545	48.76	74.0	25.24	Peak	118.00	200	Horizontal	Pass
3**	4279.545	38.98	54.0	15.03	AV	118.00	200	Horizontal	Pass
4	6060.207	53.66	74.0	20.34	Peak	181.00	400	Horizontal	Pass
4**	6060.207	43.77	54.0	10.23	AV	181.00	400	Horizontal	Pass
5	10721.977	50.04	74.0	23.96	Peak	53.00	200	Horizontal	Pass
5**	10721.977	40.27	54.0	13.74	AV	53.00	200	Horizontal	Pass
6	17343.963	52.71	74.0	21.29	Peak	53.00	200	Horizontal	Pass
6**	17343.963	43.60	54.0	10.40	AV	53.00	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	1332.447	42.46	74.0	31.54	Peak	287.00	200	Vertical	Pass
1**	1332.447	31.11	54.0	22.89	AV	287.00	200	Vertical	Pass
2	2076.336	50.29	74.0	23.71	Peak	43.00	100	Vertical	Pass
2**	2076.336	43.68	54.0	10.32	AV	43.00	100	Vertical	Pass
3	6805.729	52.12	74.0	21.88	Peak	206.00	200	Vertical	Pass
3**	6805.729	42.58	54.0	11.42	AV	206.00	200	Vertical	Pass
4	7967.645	55.96	74.0	18.04	Peak	109.00	400	Vertical	Pass
4**	7967.645	43.39	54.0	10.61	AV	109.00	400	Vertical	Pass
5	12463.901	49.92	74.0	24.08	Peak	145.00	200	Vertical	Pass
5**	12463.901	39.52	54.0	14.49	AV	145.00	200	Vertical	Pass
6	17102.671	51.36	74.0	22.64	Peak	56.00	300	Vertical	Pass
6**	17102.671	42.11	54.0	11.89	AV	56.00	300	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	1358.315	44.13	74.0	29.87	Peak	356.00	400	Horizontal	Pass
1**	1358.315	35.00	54.0	19.00	AV	356.00	400	Horizontal	Pass
2	2895.284	54.07	74.0	19.93	Peak	311.00	400	Horizontal	Pass
2**	2895.284	44.01	54.0	9.99	AV	311.00	400	Horizontal	Pass
3	4280.296	48.54	74.0	25.46	Peak	77.00	200	Horizontal	Pass
3**	4280.296	38.94	54.0	15.07	AV	77.00	200	Horizontal	Pass
4	6059.004	53.72	74.0	20.28	Peak	107.00	200	Horizontal	Pass
4**	6059.004	43.60	54.0	10.40	AV	107.00	200	Horizontal	Pass
5	10720.217	49.62	74.0	24.38	Peak	123.00	100	Horizontal	Pass
5**	10720.217	40.43	54.0	13.58	AV	123.00	100	Horizontal	Pass
6	17345.676	53.19	74.0	20.81	Peak	87.00	200	Horizontal	Pass
6**	17345.676	43.92	54.0	10.08	AV	87.00	200	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	1329.914	42.16	74.0	31.84	Peak	121.00	200	Vertical	Pass
1**	1329.914	30.42	54.0	23.58	AV	121.00	200	Vertical	Pass
2	2083.940	50.16	74.0	23.84	Peak	46.00	200	Vertical	Pass
2**	2083.940	43.94	54.0	10.06	AV	46.00	200	Vertical	Pass
3	6800.342	51.56	74.0	22.44	Peak	200.00	200	Vertical	Pass
3**	6800.342	43.34	54.0	10.66	AV	200.00	200	Vertical	Pass
4	7967.343	55.70	74.0	18.30	Peak	40.00	400	Vertical	Pass
4**	7967.343	42.98	54.0	11.02	AV	40.00	400	Vertical	Pass
5	12464.366	49.52	74.0	24.48	Peak	42.00	300	Vertical	Pass
5**	12464.366	39.23	54.0	14.78	AV	42.00	300	Vertical	Pass
6	17100.964	51.31	74.0	22.69	Peak	240.00	100	Vertical	Pass
6**	17100.964	42.55	54.0	11.45	AV	240.00	100	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	1361.037	43.93	74.0	30.07	Peak	128.00	100	Horizontal	Pass
1**	1361.037	34.53	54.0	19.47	AV	128.00	100	Horizontal	Pass
2	2896.935	53.08	74.0	20.92	Peak	126.00	200	Horizontal	Pass
2**	2896.935	43.94	54.0	10.06	AV	126.00	200	Horizontal	Pass
3	4276.827	48.50	74.0	25.50	Peak	133.00	200	Horizontal	Pass
3**	4276.827	38.78	54.0	15.23	AV	133.00	200	Horizontal	Pass
4	6057.589	52.95	74.0	21.05	Peak	267.00	300	Horizontal	Pass
4**	6057.589	42.55	54.0	11.45	AV	267.00	300	Horizontal	Pass
5	10722.216	48.62	74.0	25.38	Peak	275.00	400	Horizontal	Pass
5**	10722.216	39.63	54.0	14.38	AV	275.00	400	Horizontal	Pass
6	17344.952	52.14	74.0	21.86	Peak	222.00	200	Horizontal	Pass
6**	17344.952	43.62	54.0	10.38	AV	222.00	200	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	1333.574	41.21	74.0	32.79	Peak	280.00	100	Vertical	Pass
1**	1333.574	29.55	54.0	24.45	AV	280.00	100	Vertical	Pass
2	2079.390	49.50	74.0	24.50	Peak	310.00	400	Vertical	Pass
2**	2079.390	42.85	54.0	11.15	AV	310.00	400	Vertical	Pass
3	6805.774	50.75	74.0	23.25	Peak	242.00	200	Vertical	Pass
3**	6805.774	42.41	54.0	11.59	AV	242.00	200	Vertical	Pass
4	7965.323	54.68	74.0	19.32	Peak	279.00	300	Vertical	Pass
4**	7965.323	42.46	54.0	11.54	AV	279.00	300	Vertical	Pass
5	12461.718	49.81	74.0	24.19	Peak	213.00	300	Vertical	Pass
5**	12461.718	39.55	54.0	14.46	AV	213.00	300	Vertical	Pass
6	17107.875	50.99	74.0	23.01	Peak	99.00	200	Vertical	Pass
6**	17107.875	41.90	54.0	12.10	AV	99.00	200	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	1359.346	44.13	74.0	29.87	Peak	44.00	300	Horizontal	Pass
1**	1359.346	33.87	54.0	20.13	AV	44.00	300	Horizontal	Pass
2	2897.912	52.71	74.0	21.29	Peak	68.00	300	Horizontal	Pass
2**	2897.912	42.99	54.0	11.01	AV	68.00	300	Horizontal	Pass
3	4277.162	48.42	74.0	25.58	Peak	301.00	200	Horizontal	Pass
3**	4277.162	38.09	54.0	15.92	AV	301.00	200	Horizontal	Pass
4	6059.350	52.79	74.0	21.21	Peak	247.00	300	Horizontal	Pass
4**	6059.350	43.22	54.0	10.78	AV	247.00	300	Horizontal	Pass
5	10720.724	48.87	74.0	25.13	Peak	290.00	100	Horizontal	Pass
5**	10720.724	39.51	54.0	14.50	AV	290.00	100	Horizontal	Pass
6	17349.728	52.41	74.0	21.59	Peak	221.00	300	Horizontal	Pass
6**	17349.728	44.12	54.0	9.88	AV	221.00	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	1328.669	41.84	74.0	32.16	Peak	208.00	400	Vertical	Pass
1**	1328.669	30.11	54.0	23.89	AV	208.00	400	Vertical	Pass
2	2083.510	49.46	74.0	24.54	Peak	162.00	300	Vertical	Pass
2**	2083.510	42.59	54.0	11.41	AV	162.00	300	Vertical	Pass
3	6807.830	50.89	74.0	23.11	Peak	21.00	200	Vertical	Pass
3**	6807.830	42.16	54.0	11.84	AV	21.00	200	Vertical	Pass
4	7965.705	55.76	74.0	18.24	Peak	189.00	200	Vertical	Pass
4**	7965.705	42.97	54.0	11.03	AV	189.00	200	Vertical	Pass
5	12464.270	49.14	74.0	24.86	Peak	316.00	200	Vertical	Pass
5**	12464.270	39.33	54.0	14.68	AV	316.00	200	Vertical	Pass
6	17102.330	50.07	74.0	23.93	Peak	212.00	400	Vertical	Pass
6**	17102.330	42.56	54.0	11.44	AV	212.00	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 C63.10-2020, 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.

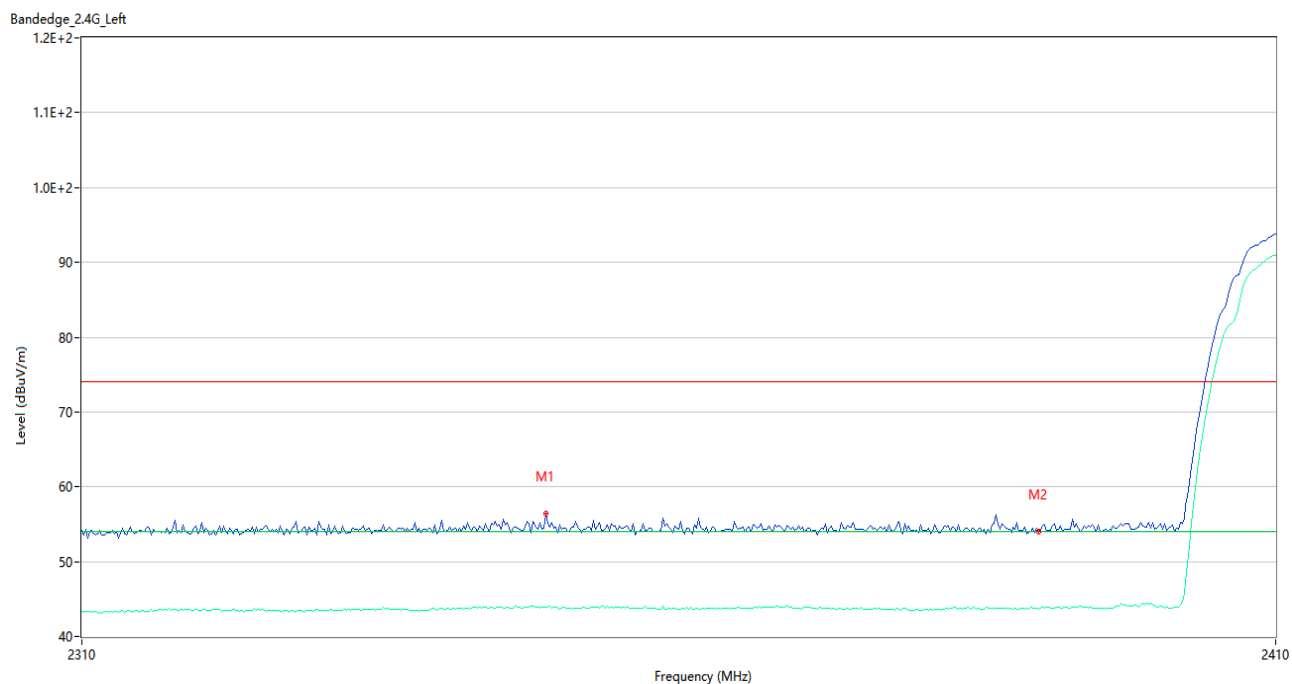
Note ⁴: All antenna were pre tested, but only the worst case has been reported in this report.

Note ⁵: Both horizontal and vertical directions were pre tested, only the worst configuration has been reported in this report.

Test Data and Plots

SISO-ANT0

802.11b LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2345.534	56.18	74.0	17.82	Peak	2.00	200	Horizontal	Pass
1**	2345.534	43.97	54.0	10.03	AV	2.00	200	Horizontal	Pass
2	2390.000	53.40	74.0	20.60	Peak	277.00	300	Horizontal	Pass
2**	2390.000	43.44	54.0	10.56	AV	277.00	300	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	53.28	74.0	20.72	Peak	87.00	100	Horizontal	Pass
1**	2483.500	43.18	54.0	10.82	AV	87.00	100	Horizontal	Pass
2	2495.383	55.21	74.0	18.79	Peak	126.00	200	Horizontal	Pass
2**	2495.383	42.73	54.0	11.27	AV	126.00	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	2335.352	54.69	74.0	19.31	Peak	76.00	300	Horizontal	Pass
1**	2335.352	42.85	54.0	11.15	AV	76.00	300	Horizontal	Pass
2	2390.000	55.73	74.0	18.27	Peak	144.00	300	Horizontal	Pass
2**	2390.000	43.76	54.0	10.24	AV	144.00	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	55.93	74.0	18.07	Peak	73.00	300	Horizontal	Pass
1**	2483.500	43.11	54.0	10.89	AV	73.00	300	Horizontal	Pass
2	2484.369	55.87	74.0	18.13	Peak	85.00	200	Horizontal	Pass
2**	2484.369	43.96	54.0	10.04	AV	85.00	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	2388.236	56.60	74.0	17.40	Peak	286.00	200	Horizontal	Pass
1**	2388.236	43.21	54.0	10.79	AV	286.00	200	Horizontal	Pass
2	2390.000	55.75	74.0	18.25	Peak	108.00	100	Horizontal	Pass
2**	2390.000	43.39	54.0	10.61	AV	108.00	100	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	59.13	74.0	14.87	Peak	281.00	100	Horizontal	Pass
1**	2483.500	43.90	54.0	10.10	AV	281.00	100	Horizontal	Pass
2	2484.284	58.88	74.0	15.12	Peak	220.00	100	Horizontal	Pass
2**	2484.284	43.17	54.0	10.83	AV	220.00	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	2380.913	55.62	74.0	18.38	Peak	9.00	300	Horizontal	Pass
1**	2380.913	42.73	54.0	11.27	AV	9.00	300	Horizontal	Pass
2	2390.000	54.40	74.0	19.60	Peak	43.00	100	Horizontal	Pass
2**	2390.000	43.09	54.0	10.91	AV	43.00	100	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	61.77	74.0	12.23	Peak	181.00	300	Horizontal	Pass
1**	2483.500	43.45	54.0	10.55	AV	181.00	300	Horizontal	Pass
2	2486.748	60.30	74.0	13.70	Peak	176.00	300	Horizontal	Pass
2**	2486.748	43.62	54.0	10.38	AV	176.00	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	2379.578	56.04	74.0	17.96	Peak	314.00	200	Horizontal	Pass
1**	2379.578	43.83	54.0	10.17	AV	314.00	200	Horizontal	Pass
2	2390.000	56.08	74.0	17.92	Peak	93.00	200	Horizontal	Pass
2**	2390.000	43.45	54.0	10.55	AV	93.00	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	59.29	74.0	14.71	Peak	328.00	300	Horizontal	Pass
1**	2483.500	43.04	54.0	10.96	AV	328.00	300	Horizontal	Pass
2	2485.124	59.03	74.0	14.97	Peak	34.00	300	Horizontal	Pass
2**	2485.124	43.81	54.0	10.19	AV	34.00	300	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	2380.730	55.09	74.0	18.91	Peak	332.00	300	Horizontal	Pass
1**	2380.730	42.27	54.0	11.73	AV	332.00	300	Horizontal	Pass
2	2390.000	54.30	74.0	19.70	Peak	208.00	100	Horizontal	Pass
2**	2390.000	43.38	54.0	10.62	AV	208.00	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	58.89	74.0	15.11	Peak	207.00	100	Horizontal	Pass
1**	2483.500	43.86	54.0	10.14	AV	207.00	100	Horizontal	Pass
2	2486.036	59.86	74.0	14.14	Peak	334.00	200	Horizontal	Pass
2**	2486.036	43.10	54.0	10.90	AV	334.00	200	Horizontal	Pass

A.8 Power Spectral Density (PSD)

Test Data

SISO-ANT0

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-5.85	8
Middle	-5.77	8
High	-5.36	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-7.32	8
Middle	-9.01	8
High	-7.72	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-8.58	8
Middle	-9.35	8
High	-7.48	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-11.25	8
Middle	-11.21	8
High	-11.56	8

802.11ax-20 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-11.02	8
Middle	-9.75	8
High	-9.62	8

802.11ax-40 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-13.02	8
Middle	-9.88	8
High	-10.05	8

SISO-ANT1

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-3.89	8
Middle	-6.08	8
High	-5.98	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-6.37	8
Middle	-7.04	8
High	-5.46	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-6.69	8
Middle	-6.52	8
High	-6.79	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-10.80	8
Middle	-10.40	8
High	-10.14	8

802.11ax-20 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-8.34	8
Middle	-7.38	8
High	-8.23	8

802.11ax-40 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-10.48	8
Middle	-9.76	8
High	-10.73	8

MIMO-ANT0**802.11b Mode:**

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-9.24	8
Middle	-9.25	8
High	-8.76	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-10.67	8
Middle	-12.35	8
High	-11.02	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-11.90	8
Middle	-12.76	8
High	-10.98	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-14.67	8
Middle	-14.63	8
High	-14.91	8

802.11ax-20 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-14.34	8
Middle	-13.22	8
High	-13.01	8

802.11ax-40 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-16.44	8
Middle	-13.18	8
High	-13.43	8

MIMO-ANT1**802.11b Mode:**

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-7.23	8
Middle	-9.39	8
High	-9.45	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-9.68	8
Middle	-10.40	8
High	-8.79	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-10.18	8
Middle	-9.93	8
High	-10.17	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-14.15	8
Middle	-13.84	8
High	-13.49	8

802.11ax-20 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-11.65	8
Middle	-10.83	8
High	-11.71	8

802.11ax-40 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-13.94	8
Middle	-13.08	8
High	-14.18	8

MIMO**802.11b Mode:**

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-5.11	8
Middle	-6.31	8
High	-6.08	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-7.13	8
Middle	-8.26	8
High	-6.76	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-7.94	8
Middle	-8.11	8
High	-7.55	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-11.39	8
Middle	-11.21	8
High	-11.13	8

802.11ax-20 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-9.78	8
Middle	-8.85	8
High	-9.30	8

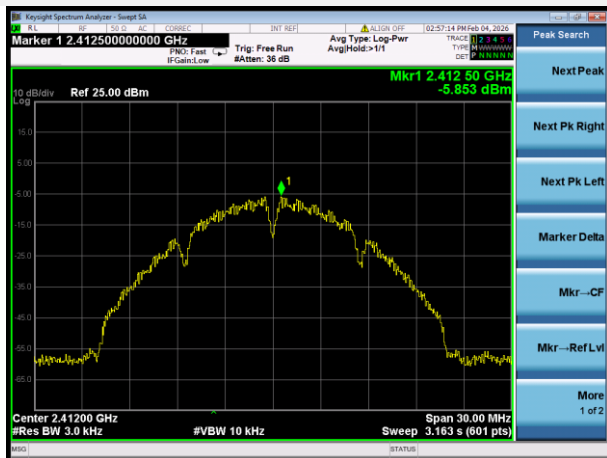
802.11ax-40 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-12.00	8
Middle	-10.12	8
High	-10.78	8

Test Plots

SISO-ANT0

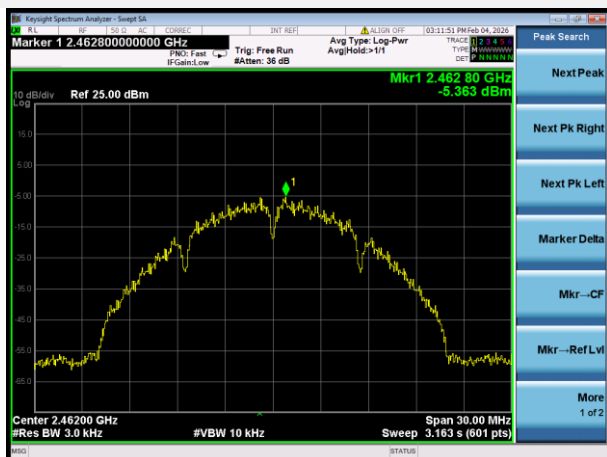
802.11b LOW CHANNEL



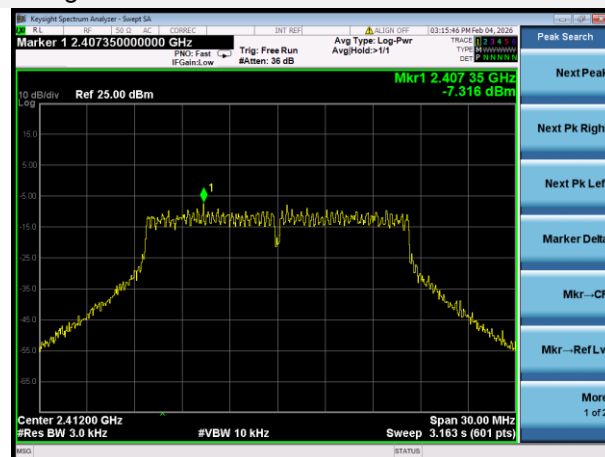
802.11b MIDDLE CHANNEL



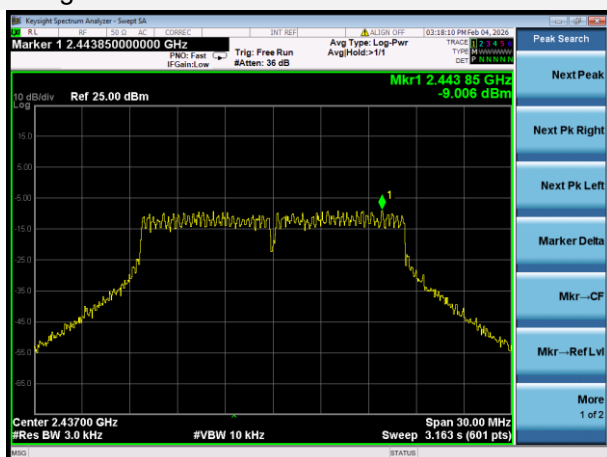
802.11b HIGH CHANNEL



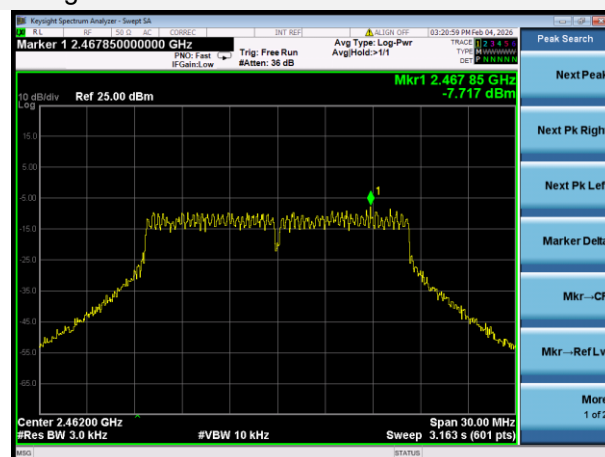
802.11g LOW CHANNEL



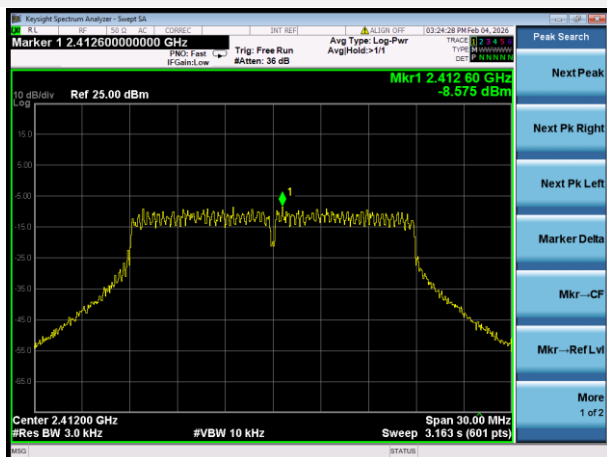
802.11g MIDDLE CHANNEL



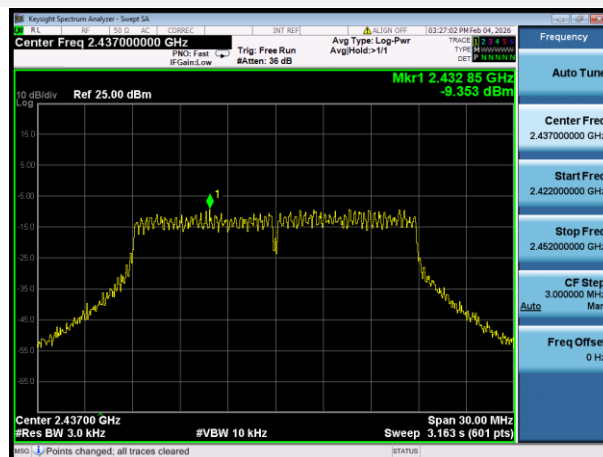
802.11g HIGH CHANNEL



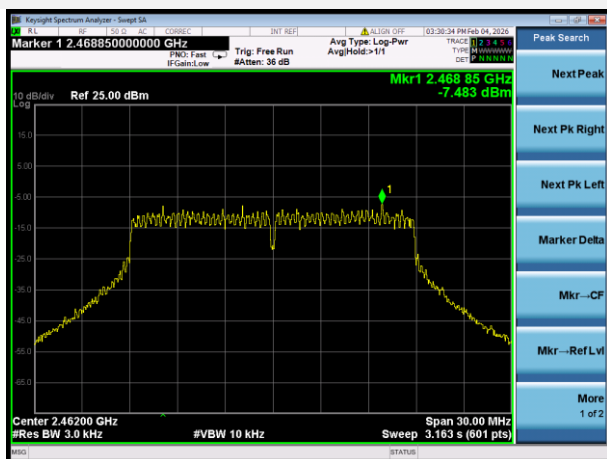
802.11n-20 MHz LOW CHANNEL



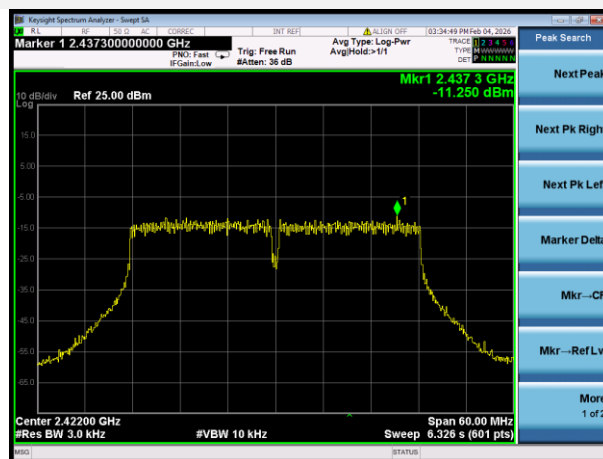
802.11n-20 MHz MIDDLE CHANNEL



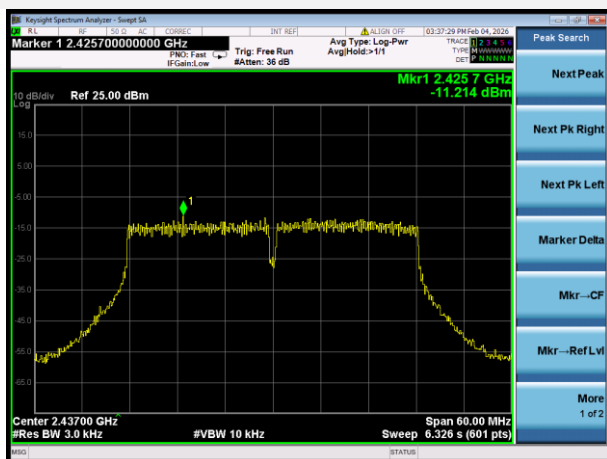
802.11n-20 MHz HIGH CHANNEL



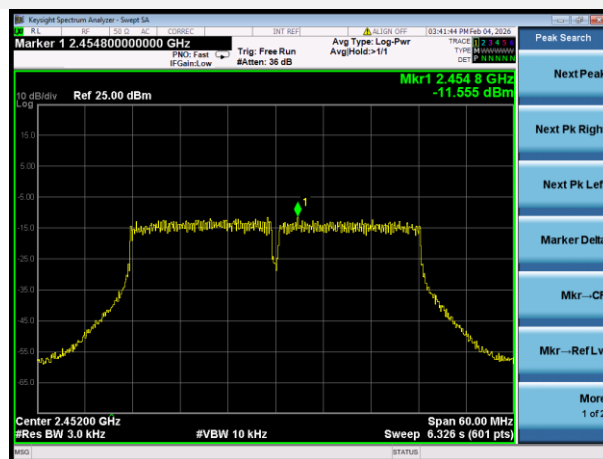
802.11n-40 MHz LOW CHANNEL



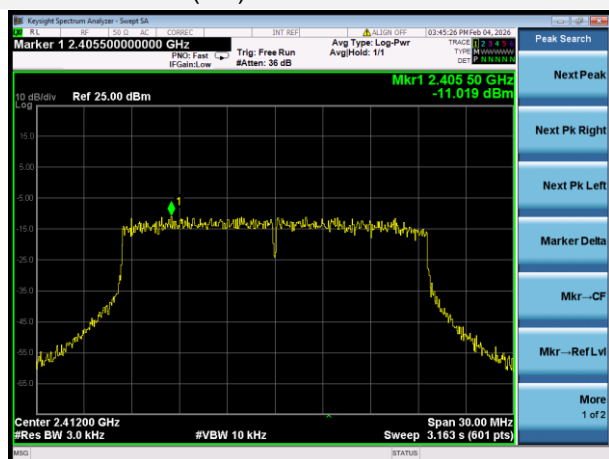
802.11n-40 MHz MIDDLE CHANNEL



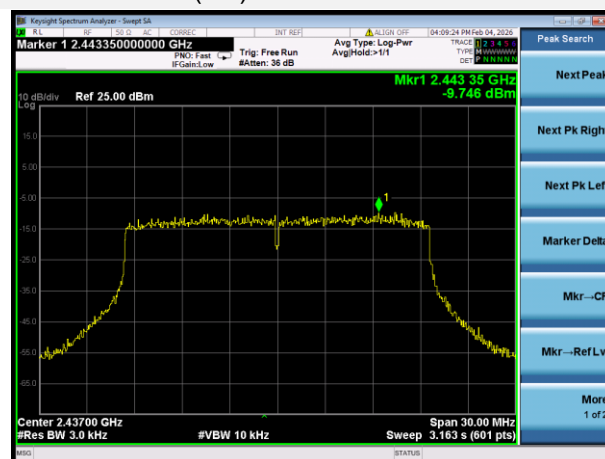
802.11n-40 MHz HIGH CHANNEL



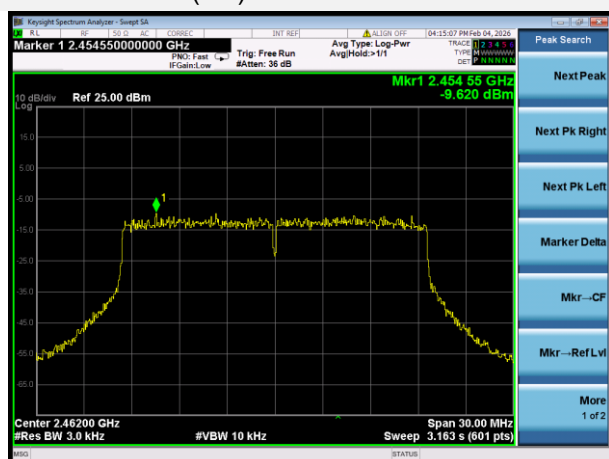
802.11ax-20 MHz(SU) LOW CHANNEL



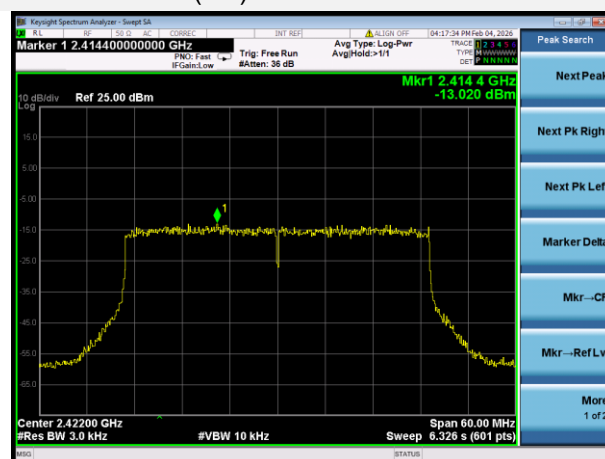
802.11ax-20 MHz(SU) MIDDLE CHANNEL



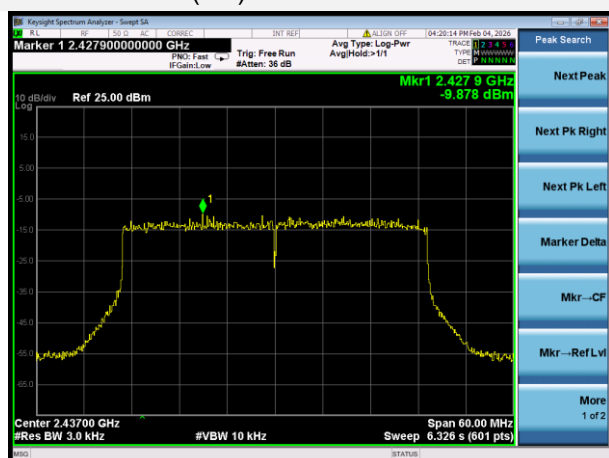
802.11ax-20 MHz(SU) HIGH CHANNEL



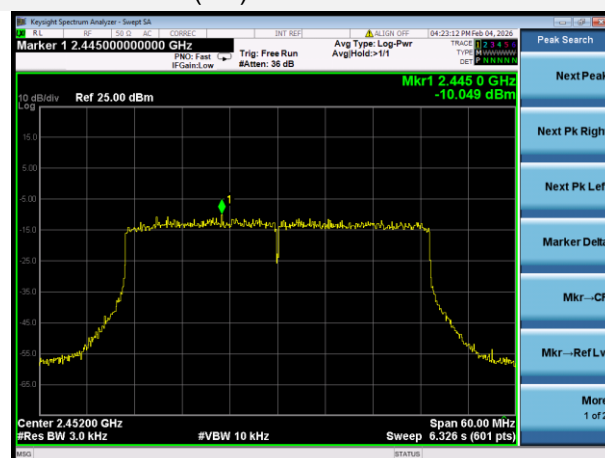
802.11ax-40 MHz(SU) LOW CHANNEL



802.11ax-40 MHz(SU) MIDDLE CHANNEL



802.11ax-40 MHz(SU) HIGH CHANNEL



SISO-ANT1

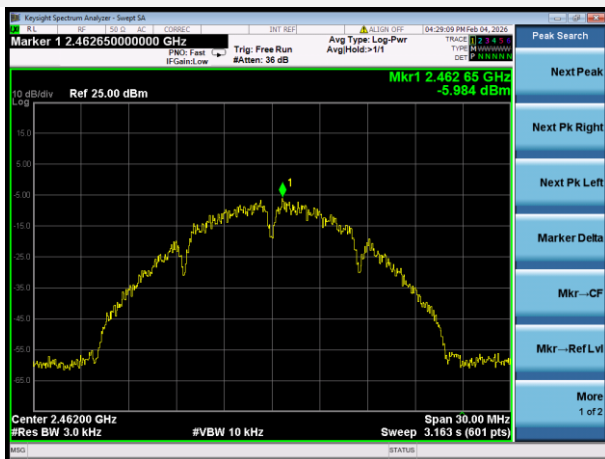
802.11b LOW CHANNEL



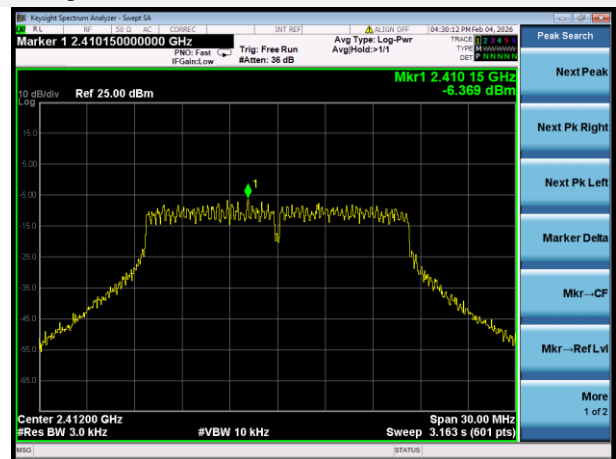
802.11b MIDDLE CHANNEL



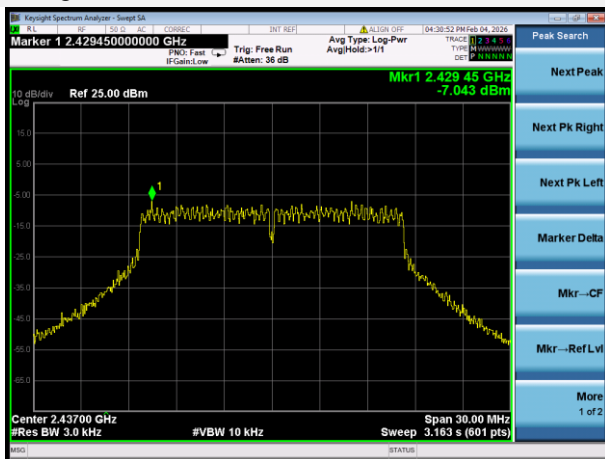
802.11b HIGH CHANNEL



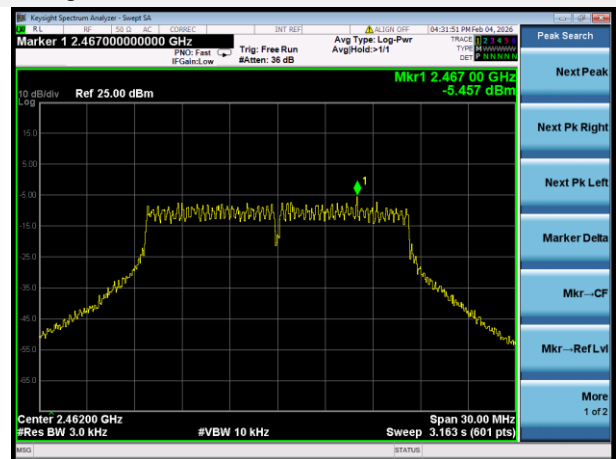
802.11g LOW CHANNEL



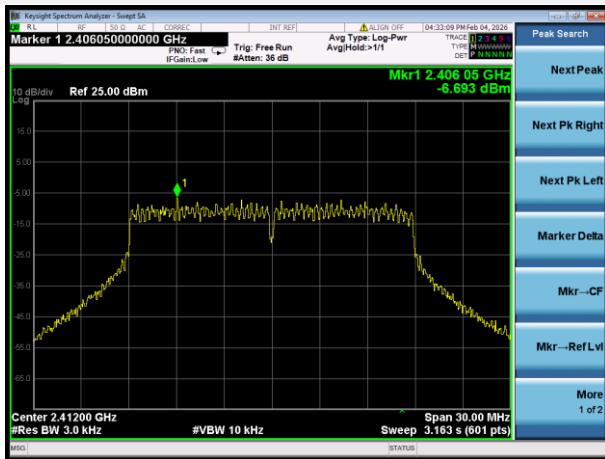
802.11g MIDDLE CHANNEL



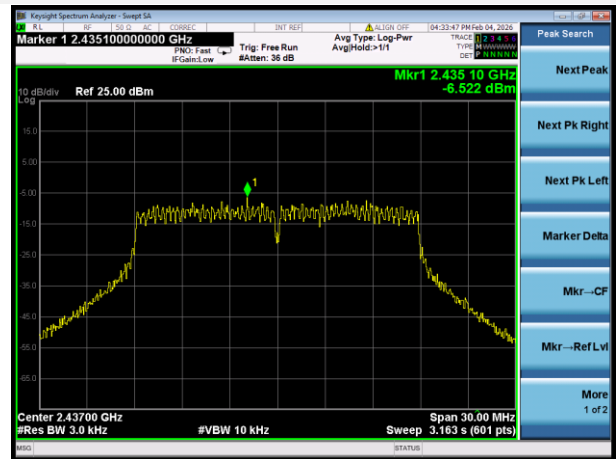
802.11g HIGH CHANNEL



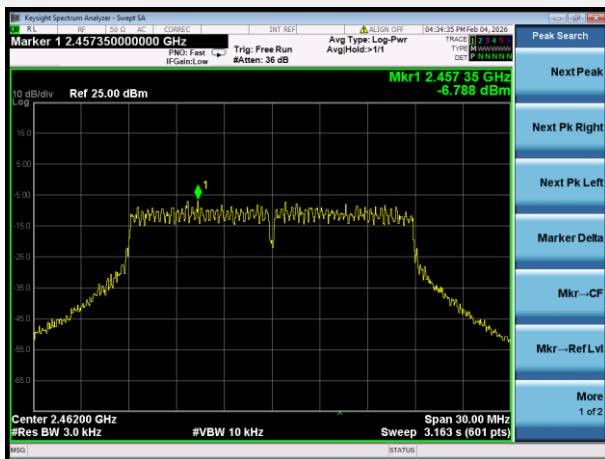
802.11n-20 MHz LOW CHANNEL



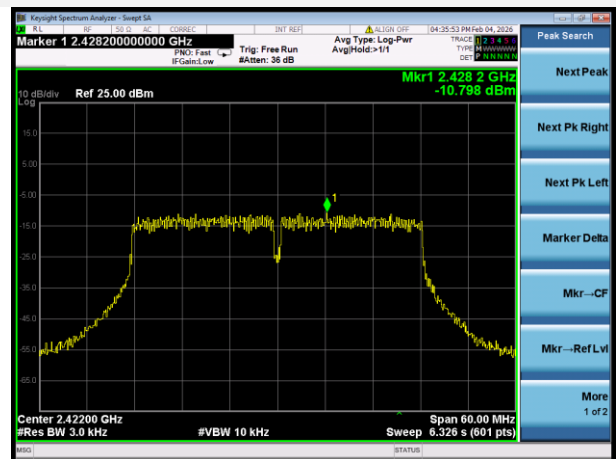
802.11n-20 MHz MIDDLE CHANNEL



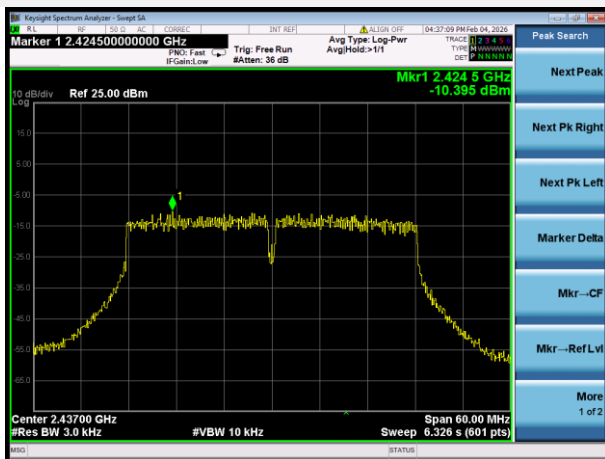
802.11n-20 MHz HIGH CHANNEL



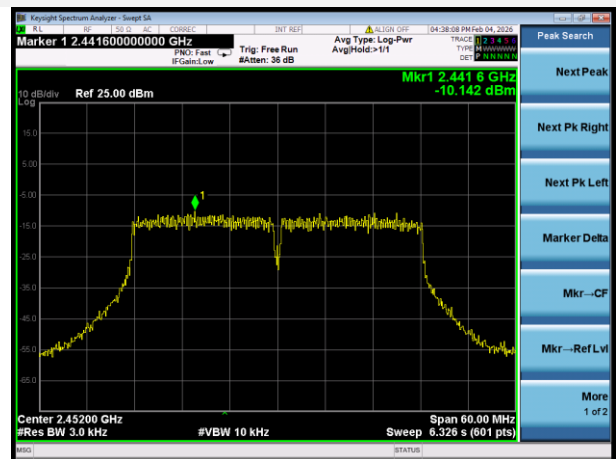
802.11n-40 MHz LOW CHANNEL



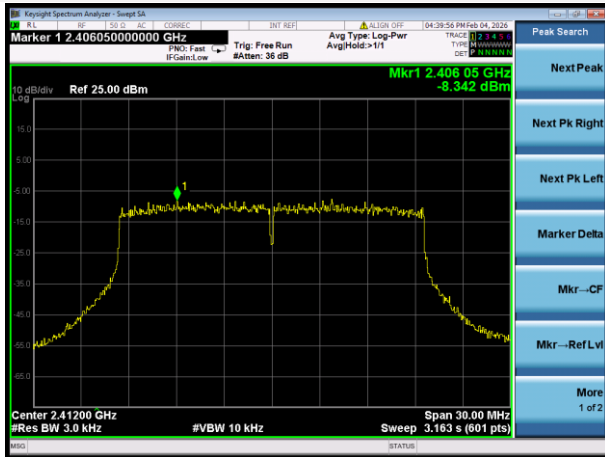
802.11n-40 MHz MIDDLE CHANNEL



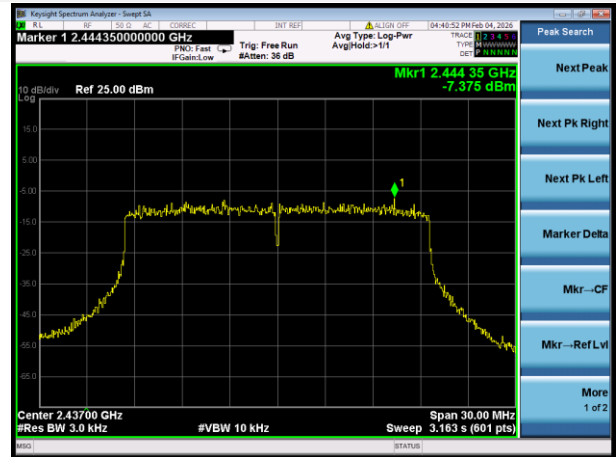
802.11n-40 MHz HIGH CHANNEL



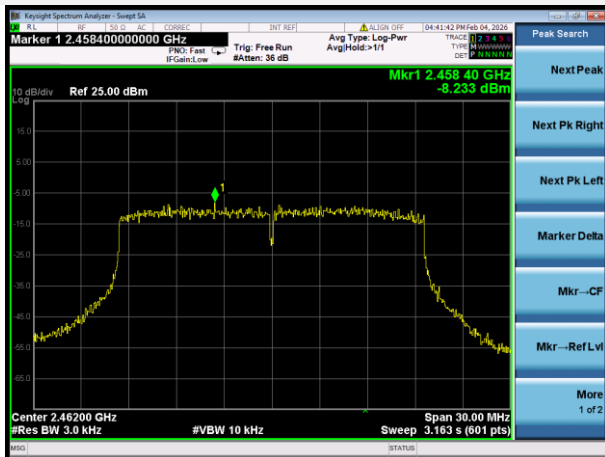
802.11ax-20 MHz(SU) LOW CHANNEL



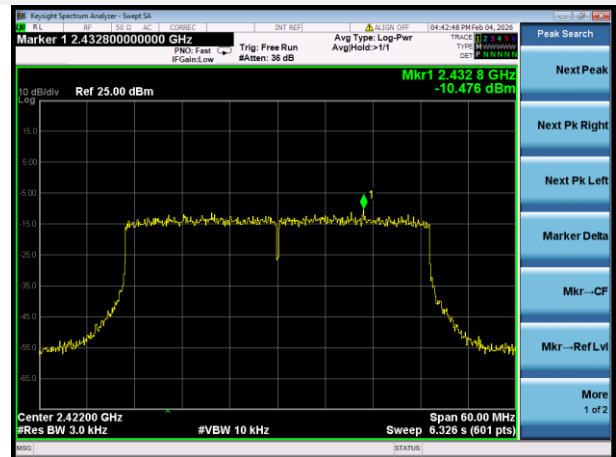
802.11ax-20 MHz(SU) MIDDLE CHANNEL



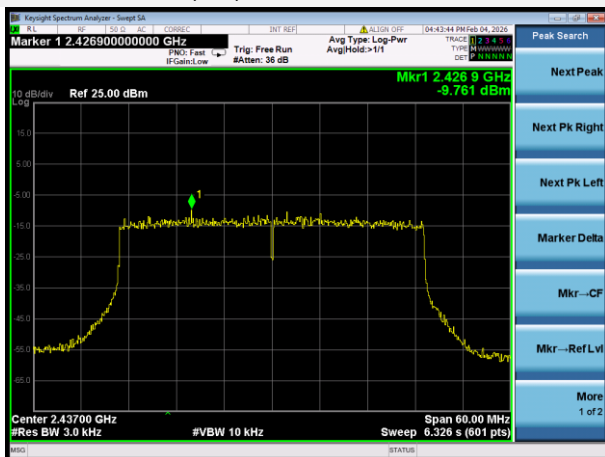
802.11ax-20 MHz(SU) HIGH CHANNEL



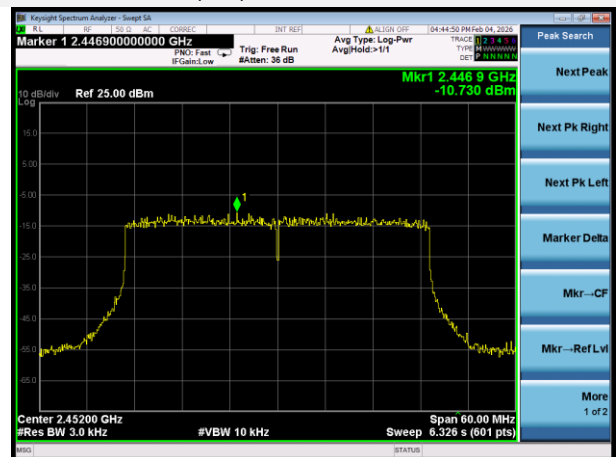
802.11ax-40 MHz(SU) LOW CHANNEL



802.11ax-40 MHz(SU) MIDDLE CHANNEL



802.11ax-40 MHz(SU) HIGH CHANNEL



ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2561488-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2561488-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2561488-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--