A.6 Radiated Emission

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

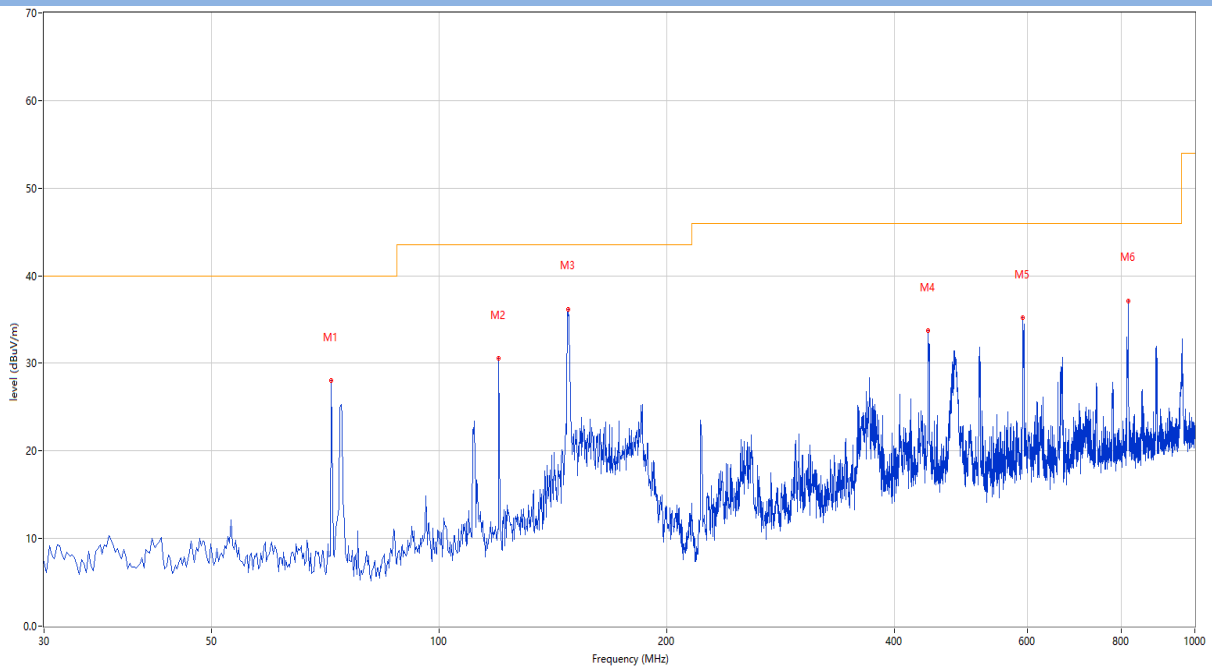
Note [2]: For the test data above 1 GHz， According the ANSI C63.10-2013, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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

Note [4]: The EUT is working in the Normal link mode below 1 GHz.

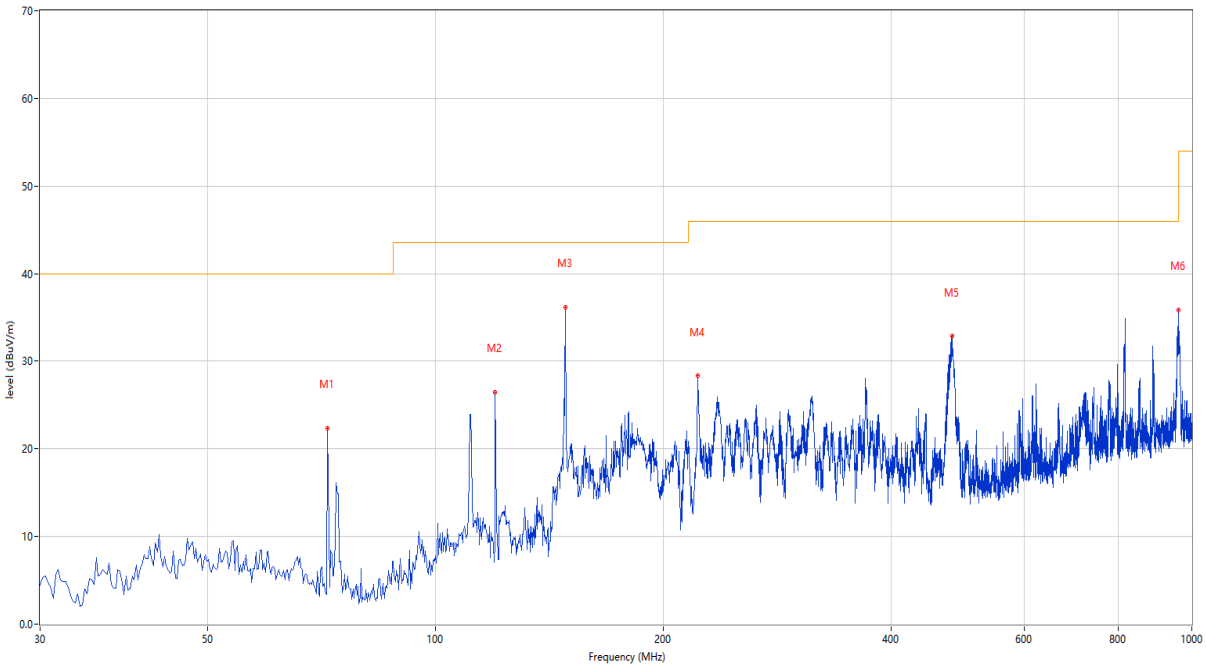
Test Data and Plots

30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	71.952	27.99	-29.13	40.0	-12.01	Peak	314.00	100	Vertical	Pass
2	119.967	30.54	-27.27	43.5	-12.96	Peak	44.00	100	Vertical	Pass
3	148.098	36.20	-29.10	43.5	-7.30	Peak	157.00	100	Vertical	Pass
4	443.948	33.69	-20.44	46.0	-12.31	Peak	202.00	100	Vertical	Pass
5	591.630	35.20	-16.79	46.0	-10.80	Peak	190.00	100	Vertical	Pass
6	816.912	37.15	-12.90	46.0	-8.85	Peak	224.00	100	Vertical	Pass

30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	71.952	22.38	-29.13	40.0	-17.62	Peak	271.00	100	Horizontal	Pass
2	119.967	26.49	-27.27	43.5	-17.01	Peak	103.00	100	Horizontal	Pass
3	148.496	36.80	-29.14	43.5	-6.70	Peak	103.00	100	Horizontal	Pass
4	222.303	28.35	-25.91	46.0	-17.65	Peak	283.00	100	Horizontal	Pass
5	482.263	32.90	-19.46	46.0	-13.10	Peak	216.00	100	Horizontal	Pass
6	959.987	35.88	-10.48	46.0	-10.12	Peak	35.00	100	Horizontal	Pass

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

Note 2: The spurious from 18G-25G is noise only, do not show on the report.

SISO ANT0

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1866.000	50.32	-14.69	74.0	-23.68	Peak	25.00	100	Vertical	Pass
1**	1866.000	27.02	-14.69	54.0	-26.98	AV	25.00	100	Vertical	Pass
2	2414.500	89.66	-11.50	74.0	15.66	Peak	113.00	100	Vertical	N/A
2**	2414.500	87.19	-11.50	54.0	33.19	AV	113.00	100	Vertical	N/A
3	3000.000	47.42	-9.13	74.0	-26.58	Peak	73.00	100	Vertical	Pass
3**	3000.000	36.95	-9.13	54.0	-17.05	AV	73.00	100	Vertical	Pass
4	4787.000	51.59	-2.70	74.0	-22.41	Peak	360.00	100	Vertical	Pass
4**	4787.000	37.44	-2.70	54.0	-16.56	AV	360.00	100	Vertical	Pass
5	9934.250	48.69	5.76	74.0	-25.31	Peak	285.00	100	Vertical	Pass
5**	9934.250	39.24	5.76	54.0	-14.76	AV	285.00	100	Vertical	Pass
6	17694.751	57.44	16.07	74.0	-16.56	Peak	360.00	100	Vertical	Pass
6**	17694.751	46.91	16.07	54.0	-7.09	AV	360.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1992.000	47.00	-14.01	74.0	-27.00	Peak	81.00	100	Horizontal	Pass
1**	1992.000	29.66	-14.01	54.0	-24.34	AV	81.00	100	Horizontal	Pass
2	2415.000	93.49	-11.56	74.0	19.49	Peak	212.00	100	Horizontal	N/A
2**	2415.000	89.26	-11.56	54.0	35.26	AV	212.00	100	Horizontal	N/A
3	2994.500	46.09	-9.03	74.0	-27.91	Peak	81.00	100	Horizontal	Pass
3**	2994.500	34.53	-9.03	54.0	-19.47	AV	81.00	100	Horizontal	Pass
4	6638.000	51.47	2.44	74.0	-22.53	Peak	159.00	100	Horizontal	Pass
4**	6638.000	40.73	2.44	54.0	-13.27	AV	159.00	100	Horizontal	Pass
5	11235.000	50.09	6.91	74.0	-23.91	Peak	304.00	100	Horizontal	Pass
5**	11235.000	40.19	6.91	54.0	-13.81	AV	304.00	100	Horizontal	Pass
6	17901.001	57.64	17.44	74.0	-16.36	Peak	304.00	100	Horizontal	Pass
6**	17901.001	46.93	17.44	54.0	-7.07	AV	304.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1996.000	52.99	-14.01	74.0	-21.01	Peak	158.00	100	Vertical	Pass
1**	1996.000	32.16	-14.01	54.0	-21.84	AV	158.00	100	Vertical	Pass
2	2439.500	87.62	-12.43	74.0	13.62	Peak	112.00	100	Vertical	N/A
2**	2439.500	85.48	-12.43	54.0	31.48	AV	112.00	100	Vertical	N/A
3	2993.000	49.08	-9.20	74.0	-24.92	Peak	78.00	100	Vertical	Pass
3**	2993.000	38.35	-9.20	54.0	-15.65	AV	78.00	100	Vertical	Pass
4	4789.000	51.33	-2.66	74.0	-22.67	Peak	0.00	100	Vertical	Pass
4**	4789.000	39.72	-2.66	54.0	-14.28	AV	0.00	100	Vertical	Pass
5	10206.500	49.61	7.65	74.0	-24.39	Peak	1.00	100	Vertical	Pass
5**	10206.500	37.93	7.65	54.0	-16.07	AV	1.00	100	Vertical	Pass
6	14403.000	53.56	11.64	74.0	-20.44	Peak	21.00	100	Vertical	Pass
6**	14403.000	45.07	11.64	54.0	-8.93	AV	21.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1828.500	46.74	-15.40	74.0	-27.26	Peak	78.00	100	Horizontal	Pass
1**	1828.500	26.43	-15.40	54.0	-27.57	AV	78.00	100	Horizontal	Pass
2	2440.000	92.86	-12.37	74.0	18.86	Peak	208.00	100	Horizontal	N/A
2**	2440.000	88.47	-12.37	54.0	34.47	AV	208.00	100	Horizontal	N/A
3	2992.500	45.51	-9.18	74.0	-28.49	Peak	31.00	100	Horizontal	Pass
3**	2992.500	33.52	-9.18	54.0	-20.48	AV	31.00	100	Horizontal	Pass
4	6432.000	50.64	1.14	74.0	-23.36	Peak	295.00	100	Horizontal	Pass
4**	6432.000	39.52	1.14	54.0	-14.48	AV	295.00	100	Horizontal	Pass
5	11204.750	50.58	6.94	74.0	-23.42	Peak	76.00	100	Horizontal	Pass
5**	11204.750	40.06	6.94	54.0	-13.94	AV	76.00	100	Horizontal	Pass
6	14444.250	53.95	10.71	74.0	-20.05	Peak	148.00	100	Horizontal	Pass
6**	14444.250	43.45	10.71	54.0	-10.55	AV	148.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1994.000	51.42	-13.75	74.0	-22.58	Peak	178.00	100	Vertical	Pass
1**	1994.000	34.67	-13.75	54.0	-19.33	AV	178.00	100	Vertical	Pass
2	2461.000	86.96	-11.46	74.0	12.96	Peak	117.00	100	Vertical	N/A
2**	2461.000	84.24	-11.46	54.0	30.24	AV	117.00	100	Vertical	N/A
3	2997.500	48.90	-9.12	74.0	-25.10	Peak	81.00	100	Vertical	Pass
3**	2997.500	37.70	-9.12	54.0	-16.30	AV	81.00	100	Vertical	Pass
4	4786.000	51.53	-2.62	74.0	-22.47	Peak	359.00	100	Vertical	Pass
4**	4786.000	34.77	-2.62	54.0	-19.23	AV	359.00	100	Vertical	Pass
5	10819.750	49.76	7.20	74.0	-24.24	Peak	21.00	100	Vertical	Pass
5**	10819.750	40.21	7.20	54.0	-13.79	AV	21.00	100	Vertical	Pass
6	14590.000	53.54	12.45	74.0	-20.46	Peak	349.00	100	Vertical	Pass
6**	14590.000	44.55	12.45	54.0	-9.45	AV	349.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1706.000	43.68	-16.57	74.0	-30.32	Peak	40.00	100	Horizontal	Pass
1**	1706.000	25.62	-16.57	54.0	-28.38	AV	40.00	100	Horizontal	Pass
2	2465.000	93.57	-11.32	74.0	19.57	Peak	201.00	100	Horizontal	N/A
2**	2465.000	89.13	-11.32	54.0	35.13	AV	201.00	100	Horizontal	N/A
3	2996.000	45.30	-9.03	74.0	-28.70	Peak	15.00	100	Horizontal	Pass
3**	2996.000	33.34	-9.03	54.0	-20.66	AV	15.00	100	Horizontal	Pass
4	6827.000	51.35	1.90	74.0	-22.65	Peak	22.00	100	Horizontal	Pass
4**	6827.000	39.86	1.90	54.0	-14.14	AV	22.00	100	Horizontal	Pass
5	9359.500	48.69	3.57	74.0	-25.31	Peak	4.00	100	Horizontal	Pass
5**	9359.500	38.19	3.57	54.0	-15.81	AV	4.00	100	Horizontal	Pass
6	14576.250	53.78	12.06	74.0	-20.22	Peak	227.00	100	Horizontal	Pass
6**	14576.250	44.32	12.06	54.0	-9.68	AV	227.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1995.000	52.42	-13.89	74.0	-21.58	Peak	332.00	100	Vertical	Pass
1**	1995.000	31.77	-13.89	54.0	-22.23	AV	332.00	100	Vertical	Pass
2	2414.500	92.51	-11.50	74.0	18.51	Peak	109.00	100	Vertical	N/A
2**	2414.500	85.77	-11.50	54.0	31.77	AV	109.00	100	Vertical	N/A
3	3000.000	47.22	-9.13	74.0	-26.78	Peak	71.00	100	Vertical	Pass
3**	3000.000	37.38	-9.13	54.0	-16.62	AV	71.00	100	Vertical	Pass
4	4788.000	51.64	-2.76	74.0	-22.36	Peak	0.00	100	Vertical	Pass
4**	4788.000	39.04	-2.76	54.0	-14.96	AV	0.00	100	Vertical	Pass
5	8974.500	48.44	3.29	74.0	-25.56	Peak	98.00	100	Vertical	Pass
5**	8974.500	36.02	3.29	54.0	-17.98	AV	98.00	100	Vertical	Pass
6	17730.501	55.39	15.93	74.0	-18.61	Peak	204.00	100	Vertical	Pass
6**	17730.501	43.86	15.93	54.0	-10.14	AV	204.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1825.500	46.14	-15.45	74.0	-27.86	Peak	26.00	100	Horizontal	Pass
1**	1825.500	26.43	-15.45	54.0	-27.57	AV	26.00	100	Horizontal	Pass
2	2416.500	95.95	-11.75	74.0	21.95	Peak	234.00	100	Horizontal	N/A
2**	2416.500	87.81	-11.75	54.0	33.81	AV	234.00	100	Horizontal	N/A
3	2991.500	44.98	-9.05	74.0	-29.02	Peak	26.00	100	Horizontal	Pass
3**	2991.500	30.99	-9.05	54.0	-23.01	AV	26.00	100	Horizontal	Pass
4	6615.000	51.79	2.65	74.0	-22.21	Peak	227.00	100	Horizontal	Pass
4**	6615.000	40.45	2.65	54.0	-13.55	AV	227.00	100	Horizontal	Pass
5	9274.250	47.48	3.63	74.0	-26.52	Peak	248.00	100	Horizontal	Pass
5**	9274.250	38.83	3.63	54.0	-15.17	AV	248.00	100	Horizontal	Pass
6	14587.250	53.26	12.38	74.0	-20.74	Peak	209.00	100	Horizontal	Pass
6**	14587.250	43.25	12.38	54.0	-10.75	AV	209.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1874.000	49.27	-14.67	74.0	-24.73	Peak	0.00	100	Vertical	Pass
1**	1874.000	29.49	-14.67	54.0	-24.51	AV	0.00	100	Vertical	Pass
2	2432.500	91.66	-12.37	74.0	17.66	Peak	115.00	100	Vertical	N/A
2**	2432.500	84.50	-12.37	54.0	30.50	AV	115.00	100	Vertical	N/A
3	2997.000	48.73	-9.12	74.0	-25.27	Peak	76.00	100	Vertical	Pass
3**	2997.000	37.31	-9.12	54.0	-16.69	AV	76.00	100	Vertical	Pass
4	4795.000	51.08	-2.52	74.0	-22.92	Peak	360.00	100	Vertical	Pass
4**	4795.000	38.71	-2.52	54.0	-15.29	AV	360.00	100	Vertical	Pass
5	8974.500	48.25	3.29	74.0	-25.75	Peak	102.00	100	Vertical	Pass
5**	8974.500	35.59	3.29	54.0	-18.41	AV	102.00	100	Vertical	Pass
6	14411.250	53.30	11.24	74.0	-20.70	Peak	47.00	100	Vertical	Pass
6**	14411.250	43.83	11.24	54.0	-10.17	AV	47.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1909.000	46.52	-14.34	74.0	-27.48	Peak	49.00	100	Horizontal	Pass
1**	1909.000	27.48	-14.34	54.0	-26.52	AV	49.00	100	Horizontal	Pass
2	2430.000	95.46	-12.42	74.0	21.46	Peak	216.00	100	Horizontal	N/A
2**	2430.000	87.83	-12.42	54.0	33.83	AV	216.00	100	Horizontal	N/A
3	2991.500	44.74	-9.05	74.0	-29.26	Peak	2.00	100	Horizontal	Pass
3**	2991.500	30.64	-9.05	54.0	-23.36	AV	2.00	100	Horizontal	Pass
4	4800.000	46.94	-2.35	74.0	-27.06	Peak	0.00	100	Horizontal	Pass
4**	4800.000	35.13	-2.35	54.0	-18.87	AV	0.00	100	Horizontal	Pass
5	10217.500	49.18	7.25	74.0	-24.82	Peak	321.00	100	Horizontal	Pass
5**	10217.500	39.05	7.25	54.0	-14.95	AV	321.00	100	Horizontal	Pass
6	17901.001	56.19	17.44	74.0	-17.81	Peak	127.00	100	Horizontal	Pass
6**	17901.001	44.54	17.44	54.0	-9.46	AV	127.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1991.500	50.11	-14.05	74.0	-23.89	Peak	170.00	100	Vertical	Pass
1**	1991.500	30.55	-14.05	54.0	-23.45	AV	170.00	100	Vertical	Pass
2	2460.000	92.26	-11.53	74.0	18.26	Peak	360.00	100	Vertical	N/A
2**	2460.000	84.99	-11.53	54.0	30.99	AV	360.00	100	Vertical	N/A
3	2994.500	48.77	-9.03	74.0	-25.23	Peak	77.00	100	Vertical	Pass
3**	2994.500	38.39	-9.03	54.0	-15.61	AV	77.00	100	Vertical	Pass
4	4788.000	51.35	-2.76	74.0	-22.65	Peak	0.00	100	Vertical	Pass
4**	4788.000	39.64	-2.76	54.0	-14.36	AV	0.00	100	Vertical	Pass
5	8982.750	48.49	3.27	74.0	-25.51	Peak	92.00	100	Vertical	Pass
5**	8982.750	36.86	3.27	54.0	-17.14	AV	92.00	100	Vertical	Pass
6	14581.750	53.03	12.24	74.0	-20.97	Peak	319.00	100	Vertical	Pass
6**	14581.750	43.13	12.24	54.0	-10.87	AV	319.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1991.500	46.76	-14.05	74.0	-27.24	Peak	120.00	100	Horizontal	Pass
1**	1991.500	27.88	-14.05	54.0	-26.12	AV	120.00	100	Horizontal	Pass
2	2455.000	96.66	-12.10	74.0	22.66	Peak	200.00	100	Horizontal	N/A
2**	2455.000	87.65	-12.10	54.0	33.65	AV	200.00	100	Horizontal	N/A
3	3000.000	42.06	-9.13	74.0	-31.94	Peak	79.00	100	Horizontal	Pass
3**	3000.000	33.88	-9.13	54.0	-20.12	AV	79.00	100	Horizontal	Pass
4	6981.000	53.23	3.76	74.0	-20.77	Peak	25.00	100	Horizontal	Pass
4**	6981.000	40.58	3.76	54.0	-13.42	AV	25.00	100	Horizontal	Pass
5	9942.500	48.98	6.05	74.0	-25.02	Peak	145.00	100	Horizontal	Pass
5**	9942.500	38.91	6.05	54.0	-15.09	AV	145.00	100	Horizontal	Pass
6	14576.250	53.52	12.06	74.0	-20.48	Peak	173.00	100	Horizontal	Pass
6**	14576.250	44.85	12.06	54.0	-9.15	AV	173.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1993.000	53.66	-14.22	74.0	-20.34	Peak	151.00	100	Vertical	Pass
1**	1993.000	29.76	-14.22	54.0	-24.24	AV	151.00	100	Vertical	Pass
2	2416.000	88.56	-11.56	74.0	14.56	Peak	110.00	100	Vertical	N/A
2**	2416.000	82.26	-11.56	54.0	28.26	AV	110.00	100	Vertical	N/A
3	2991.500	48.71	-9.05	74.0	-25.29	Peak	82.00	100	Vertical	Pass
3**	2991.500	33.09	-9.05	54.0	-20.91	AV	82.00	100	Vertical	Pass
4	4788.000	50.91	-2.76	74.0	-23.09	Peak	0.00	100	Vertical	Pass
4**	4788.000	38.01	-2.76	54.0	-15.99	AV	0.00	100	Vertical	Pass
5	9219.250	48.23	3.71	74.0	-25.77	Peak	322.00	100	Vertical	Pass
5**	9219.250	37.39	3.71	54.0	-16.61	AV	322.00	100	Vertical	Pass
6	16930.250	54.61	13.20	74.0	-19.39	Peak	54.00	100	Vertical	Pass
6**	16930.250	42.85	13.20	54.0	-11.15	AV	54.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1947.500	44.29	-13.95	74.0	-29.71	Peak	109.00	100	Horizontal	Pass
1**	1947.500	27.49	-13.95	54.0	-26.51	AV	109.00	100	Horizontal	Pass
2	2414.500	92.98	-11.50	74.0	18.98	Peak	109.00	100	Horizontal	N/A
2**	2414.500	85.91	-11.50	54.0	31.91	AV	109.00	100	Horizontal	N/A
3	3000.000	42.11	-9.13	74.0	-31.89	Peak	24.00	100	Horizontal	Pass
3**	3000.000	32.96	-9.13	54.0	-21.04	AV	24.00	100	Horizontal	Pass
4	5024.000	47.02	-1.85	74.0	-26.98	Peak	152.00	100	Horizontal	Pass
4**	5024.000	36.34	-1.85	54.0	-17.66	AV	152.00	100	Horizontal	Pass
5	10399.000	49.11	7.07	74.0	-24.89	Peak	194.00	100	Horizontal	Pass
5**	10399.000	39.68	7.07	54.0	-14.32	AV	194.00	100	Horizontal	Pass
6	14422.250	53.45	10.84	74.0	-20.55	Peak	278.00	100	Horizontal	Pass
6**	14422.250	44.39	10.84	54.0	-9.61	AV	278.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1950.500	49.28	-14.28	74.0	-24.72	Peak	166.00	100	Vertical	Pass
1**	1950.500	30.16	-14.28	54.0	-23.84	AV	166.00	100	Vertical	Pass
2	2440.500	91.64	-12.41	74.0	17.64	Peak	111.00	100	Vertical	N/A
2**	2440.500	84.58	-12.41	54.0	30.58	AV	111.00	100	Vertical	N/A
3	2991.500	48.34	-9.05	74.0	-25.66	Peak	83.00	100	Vertical	Pass
3**	2991.500	31.80	-9.05	54.0	-22.20	AV	83.00	100	Vertical	Pass
4	4787.000	50.85	-2.70	74.0	-23.15	Peak	0.00	100	Vertical	Pass
4**	4787.000	36.90	-2.70	54.0	-17.10	AV	0.00	100	Vertical	Pass
5	9299.000	46.91	4.43	74.0	-27.09	Peak	181.00	100	Vertical	Pass
5**	9299.000	39.31	4.43	54.0	-14.69	AV	181.00	100	Vertical	Pass
6	14394.750	53.75	11.94	74.0	-20.25	Peak	237.00	100	Vertical	Pass
6**	14394.750	43.26	11.94	54.0	-10.74	AV	237.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1909.500	45.42	-14.35	74.0	-28.58	Peak	69.00	100	Horizontal	Pass
1**	1909.500	27.02	-14.35	54.0	-26.98	AV	69.00	100	Horizontal	Pass
2	2443.500	93.88	-12.26	74.0	19.88	Peak	289.00	100	Horizontal	N/A
2**	2443.500	85.94	-12.26	54.0	31.94	AV	289.00	100	Horizontal	N/A
3	2995.000	45.23	-9.17	74.0	-28.77	Peak	82.00	100	Horizontal	Pass
3**	2995.000	33.36	-9.17	54.0	-20.64	AV	82.00	100	Horizontal	Pass
4	5809.000	54.91	-1.11	74.0	-19.09	Peak	27.00	100	Horizontal	Pass
4**	5809.000	40.67	-1.11	54.0	-13.33	AV	27.00	100	Horizontal	Pass
5	10770.250	50.47	7.35	74.0	-23.53	Peak	290.00	100	Horizontal	Pass
5**	10770.250	39.13	7.35	54.0	-14.87	AV	290.00	100	Horizontal	Pass
6	14595.500	54.59	12.45	74.0	-19.41	Peak	191.00	100	Horizontal	Pass
6**	14595.500	44.51	12.45	54.0	-9.49	AV	191.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1995.500	52.84	-13.86	74.0	-21.16	Peak	168.00	100	Vertical	Pass
1**	1995.500	36.74	-13.86	54.0	-17.26	AV	168.00	100	Vertical	Pass
2	2460.500	92.82	-11.49	74.0	18.82	Peak	115.00	100	Vertical	N/A
2**	2460.500	85.91	-11.49	54.0	31.91	AV	115.00	100	Vertical	N/A
3	2991.500	46.32	-9.05	74.0	-27.68	Peak	356.00	100	Vertical	Pass
3**	2991.500	32.05	-9.05	54.0	-21.95	AV	356.00	100	Vertical	Pass
4	4185.000	49.54	-4.01	74.0	-24.46	Peak	360.00	100	Vertical	Pass
4**	4185.000	36.24	-4.01	54.0	-17.76	AV	360.00	100	Vertical	Pass
5	10946.250	50.20	7.37	74.0	-23.80	Peak	31.00	100	Vertical	Pass
5**	10946.250	41.28	7.37	54.0	-12.72	AV	31.00	100	Vertical	Pass
6	17890.001	58.08	17.05	74.0	-15.92	Peak	275.00	100	Vertical	Pass
6**	17890.001	47.29	17.05	54.0	-6.71	AV	275.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1994.500	48.87	-13.96	74.0	-25.13	Peak	233.00	100	Horizontal	Pass
1**	1994.500	31.99	-13.96	54.0	-22.01	AV	233.00	100	Horizontal	Pass
2	2460.000	96.43	-11.53	74.0	22.43	Peak	230.00	100	Horizontal	N/A
2**	2460.000	87.60	-11.53	54.0	33.60	AV	230.00	100	Horizontal	N/A
3	2997.500	44.43	-9.12	74.0	-29.57	Peak	24.00	100	Horizontal	Pass
3**	2997.500	33.60	-9.12	54.0	-20.40	AV	24.00	100	Horizontal	Pass
4	6942.000	53.00	3.13	74.0	-21.00	Peak	225.00	100	Horizontal	Pass
4**	6942.000	41.02	3.13	54.0	-12.98	AV	225.00	100	Horizontal	Pass
5	10151.500	49.48	6.71	74.0	-24.52	Peak	38.00	100	Horizontal	Pass
5**	10151.500	38.98	6.71	54.0	-15.02	AV	38.00	100	Horizontal	Pass
6	17692.000	57.57	16.02	74.0	-16.43	Peak	100.00	100	Horizontal	Pass
6**	17692.000	47.87	16.02	54.0	-6.13	AV	100.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1827.500	53.54	-15.38	74.0	-20.46	Peak	16.00	100	Vertical	Pass
1**	1827.500	32.25	-15.38	54.0	-21.75	AV	16.00	100	Vertical	Pass
2	2415.500	83.52	-11.52	74.0	9.52	Peak	135.00	100	Vertical	N/A
2**	2415.500	76.36	-11.52	54.0	22.36	AV	135.00	100	Vertical	N/A
3	2992.500	49.38	-9.18	74.0	-24.62	Peak	81.00	100	Vertical	Pass
3**	2992.500	38.36	-9.18	54.0	-15.64	AV	81.00	100	Vertical	Pass
4	4787.000	51.64	-2.70	74.0	-22.36	Peak	359.00	100	Vertical	Pass
4**	4787.000	38.89	-2.70	54.0	-15.11	AV	359.00	100	Vertical	Pass
5	11963.750	50.19	5.78	74.0	-23.81	Peak	31.00	100	Vertical	Pass
5**	11963.750	40.52	5.78	54.0	-13.48	AV	31.00	100	Vertical	Pass
6	17901.001	57.47	17.44	74.0	-16.53	Peak	6.00	100	Vertical	Pass
6**	17901.001	47.55	17.44	54.0	-6.45	AV	6.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1827.500	47.30	-15.38	74.0	-26.70	Peak	252.00	100	Horizontal	Pass
1**	1827.500	27.42	-15.38	54.0	-26.58	AV	252.00	100	Horizontal	Pass
2	2426.000	92.19	-12.22	74.0	18.19	Peak	199.00	100	Horizontal	N/A
2**	2426.000	84.85	-12.22	54.0	30.85	AV	199.00	100	Horizontal	N/A
3	2994.500	45.27	-9.03	74.0	-28.73	Peak	2.00	100	Horizontal	Pass
3**	2994.500	34.77	-9.03	54.0	-19.23	AV	2.00	100	Horizontal	Pass
4	4182.000	46.11	-4.18	74.0	-27.89	Peak	207.00	100	Horizontal	Pass
4**	4182.000	34.10	-4.18	54.0	-19.90	AV	207.00	100	Horizontal	Pass
5	9321.000	48.41	4.39	74.0	-25.59	Peak	306.00	100	Horizontal	Pass
5**	9321.000	40.08	4.39	54.0	-13.92	AV	306.00	100	Horizontal	Pass
6	17694.751	57.81	16.07	74.0	-16.19	Peak	251.00	100	Horizontal	Pass
6**	17694.751	46.99	16.07	54.0	-7.01	AV	251.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1873.500	55.54	-14.50	74.0	-18.46	Peak	12.00	100	Vertical	Pass
1**	1873.500	29.36	-14.50	54.0	-24.64	AV	12.00	100	Vertical	Pass
2	2441.500	82.82	-12.38	74.0	8.82	Peak	111.00	100	Vertical	N/A
2**	2441.500	75.57	-12.38	54.0	21.57	AV	111.00	100	Vertical	N/A
3	2998.000	48.82	-9.17	74.0	-25.18	Peak	81.00	100	Vertical	Pass
3**	2998.000	38.03	-9.17	54.0	-15.97	AV	81.00	100	Vertical	Pass
4	4800.000	51.49	-2.35	74.0	-22.51	Peak	0.00	100	Vertical	Pass
4**	4800.000	39.48	-2.35	54.0	-14.52	AV	0.00	100	Vertical	Pass
5	8974.500	49.22	3.29	74.0	-24.78	Peak	36.00	100	Vertical	Pass
5**	8974.500	37.76	3.29	54.0	-16.24	AV	36.00	100	Vertical	Pass
6	14565.250	54.50	11.68	74.0	-19.50	Peak	50.00	100	Vertical	Pass
6**	14565.250	45.29	11.68	54.0	-8.71	AV	50.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1994.000	50.09	-13.75	74.0	-23.91	Peak	305.00	100	Horizontal	Pass
1**	1994.000	31.06	-13.75	54.0	-22.94	AV	305.00	100	Horizontal	Pass
2	2425.000	91.64	-12.10	74.0	17.64	Peak	202.00	100	Horizontal	N/A
2**	2425.000	84.47	-12.10	54.0	30.47	AV	202.00	100	Horizontal	N/A
3	2993.500	46.46	-9.16	74.0	-27.54	Peak	2.00	100	Horizontal	Pass
3**	2993.500	35.14	-9.16	54.0	-18.86	AV	2.00	100	Horizontal	Pass
4	6540.000	52.27	2.28	74.0	-21.73	Peak	355.00	100	Horizontal	Pass
4**	6540.000	40.56	2.28	54.0	-13.44	AV	355.00	100	Horizontal	Pass
5	10943.500	49.53	7.42	74.0	-24.47	Peak	360.00	100	Horizontal	Pass
5**	10943.500	40.23	7.42	54.0	-13.77	AV	360.00	100	Horizontal	Pass
6	17714.000	57.32	16.22	74.0	-16.68	Peak	310.00	100	Horizontal	Pass
6**	17714.000	46.76	16.22	54.0	-7.24	AV	310.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1865.500	52.59	-14.78	74.0	-21.41	Peak	20.00	100	Vertical	Pass
1**	1865.500	28.18	-14.78	54.0	-25.82	AV	20.00	100	Vertical	Pass
2	2455.500	81.17	-12.13	74.0	7.17	Peak	132.00	100	Vertical	N/A
2**	2455.500	74.42	-12.13	54.0	20.42	AV	132.00	100	Vertical	N/A
3	2994.000	48.85	-9.07	74.0	-25.15	Peak	84.00	100	Vertical	Pass
3**	2994.000	38.22	-9.07	54.0	-15.78	AV	84.00	100	Vertical	Pass
4	4188.000	51.91	-4.08	74.0	-22.09	Peak	72.00	100	Vertical	Pass
4**	4188.000	38.09	-4.08	54.0	-15.91	AV	72.00	100	Vertical	Pass
5	10819.750	50.52	7.20	74.0	-23.48	Peak	68.00	100	Vertical	Pass
5**	10819.750	40.27	7.20	54.0	-13.73	AV	68.00	100	Vertical	Pass
6	17681.000	57.09	15.96	74.0	-16.91	Peak	235.00	100	Vertical	Pass
6**	17681.000	47.05	15.96	54.0	-6.95	AV	235.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1995.500	45.39	-13.86	74.0	-28.61	Peak	88.00	100	Horizontal	Pass
1**	1995.500	30.05	-13.86	54.0	-23.95	AV	88.00	100	Horizontal	Pass
2	2449.000	91.00	-11.78	74.0	17.00	Peak	209.00	100	Horizontal	N/A
2**	2449.000	83.99	-11.78	54.0	29.99	AV	209.00	100	Horizontal	N/A
3	2993.000	46.25	-9.20	74.0	-27.75	Peak	83.00	100	Horizontal	Pass
3**	2993.000	35.94	-9.20	54.0	-18.06	AV	83.00	100	Horizontal	Pass
4	6482.000	51.68	1.37	74.0	-22.32	Peak	60.00	100	Horizontal	Pass
4**	6482.000	40.14	1.37	54.0	-13.86	AV	60.00	100	Horizontal	Pass
5	11399.999	49.97	7.19	74.0	-24.03	Peak	96.00	100	Horizontal	Pass
5**	11399.999	41.38	7.19	54.0	-12.62	AV	96.00	100	Horizontal	Pass
6	17681.000	57.19	15.96	74.0	-16.81	Peak	6.00	100	Horizontal	Pass
6**	17681.000	47.52	15.96	54.0	-6.48	AV	6.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1162.500	43.83	-16.70	74.0	-30.17	Peak	329.00	100	Vertical	Pass
1**	1162.500	27.32	-16.70	54.0	-26.68	AV	329.00	100	Vertical	Pass
2	2414.500	87.80	-11.50	74.0	13.80	Peak	117.00	100	Vertical	N/A
2**	2414.500	85.12	-11.50	54.0	31.12	AV	117.00	100	Vertical	N/A
3	2998.000	49.64	-9.17	74.0	-24.36	Peak	76.00	100	Vertical	Pass
3**	2998.000	38.65	-9.17	54.0	-15.35	AV	76.00	100	Vertical	Pass
4	4789.000	52.16	-2.66	74.0	-21.84	Peak	360.00	100	Vertical	Pass
4**	4789.000	40.56	-2.66	54.0	-13.44	AV	360.00	100	Vertical	Pass
5	10060.750	51.36	6.15	74.0	-22.64	Peak	260.00	100	Vertical	Pass
5**	10060.750	41.97	6.15	54.0	-12.03	AV	260.00	100	Vertical	Pass
6	14378.250	55.87	12.50	74.0	-18.13	Peak	301.00	100	Vertical	Pass
6**	14378.250	46.60	12.50	54.0	-7.40	AV	301.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1746.500	47.82	-16.07	74.0	-26.18	Peak	112.00	100	Horizontal	Pass
1**	1746.500	28.69	-16.07	54.0	-25.31	AV	112.00	100	Horizontal	Pass
2	2415.000	90.88	-11.56	74.0	16.88	Peak	281.00	100	Horizontal	N/A
2**	2415.000	88.30	-11.56	54.0	34.30	AV	281.00	100	Horizontal	N/A
3	2995.000	45.75	-9.17	74.0	-28.25	Peak	22.00	100	Horizontal	Pass
3**	2995.000	35.28	-9.17	54.0	-18.72	AV	22.00	100	Horizontal	Pass
4	5621.000	49.64	-1.61	74.0	-24.36	Peak	83.00	100	Horizontal	Pass
4**	5621.000	38.08	-1.61	54.0	-15.92	AV	83.00	100	Horizontal	Pass
5	11171.750	51.75	7.21	74.0	-22.25	Peak	30.00	100	Horizontal	Pass
5**	11171.750	42.07	7.21	54.0	-11.93	AV	30.00	100	Horizontal	Pass
6	17892.749	59.40	17.17	74.0	-14.60	Peak	243.00	100	Horizontal	Pass
6**	17892.749	49.76	17.17	54.0	-4.24	AV	243.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1992.500	53.47	-14.10	74.0	-20.53	Peak	159.00	100	Vertical	Pass
1**	1992.500	33.66	-14.10	54.0	-20.34	AV	159.00	100	Vertical	Pass
2	2440.000	88.36	-12.37	74.0	14.36	Peak	140.00	100	Vertical	N/A
2**	2440.000	85.74	-12.37	54.0	31.74	AV	140.00	100	Vertical	N/A
3	2995.500	50.63	-9.22	74.0	-23.37	Peak	84.00	100	Vertical	Pass
3**	2995.500	39.09	-9.22	54.0	-14.91	AV	84.00	100	Vertical	Pass
4	4786.000	52.98	-2.62	74.0	-21.02	Peak	3.00	100	Vertical	Pass
4**	4786.000	36.14	-2.62	54.0	-17.86	AV	3.00	100	Vertical	Pass
5	8974.500	50.12	3.29	74.0	-23.88	Peak	102.00	100	Vertical	Pass
5**	8974.500	39.24	3.29	54.0	-14.76	AV	102.00	100	Vertical	Pass
6	17681.000	60.33	15.96	74.0	-13.67	Peak	161.00	100	Vertical	Pass
6**	17681.000	50.21	15.96	54.0	-3.79	AV	161.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1932.000	48.31	-14.78	74.0	-25.69	Peak	114.00	100	Horizontal	Pass
1**	1932.000	29.43	-14.78	54.0	-24.57	AV	114.00	100	Horizontal	Pass
2	2440.000	91.50	-12.37	74.0	17.50	Peak	285.00	100	Horizontal	N/A
2**	2440.000	87.96	-12.37	54.0	33.96	AV	285.00	100	Horizontal	N/A
3	2992.000	45.49	-9.08	74.0	-28.51	Peak	20.00	100	Horizontal	Pass
3**	2992.000	33.80	-9.08	54.0	-20.20	AV	20.00	100	Horizontal	Pass
4	5704.000	50.16	-0.55	74.0	-23.84	Peak	231.00	100	Horizontal	Pass
4**	5704.000	39.71	-0.55	54.0	-14.29	AV	231.00	100	Horizontal	Pass
5	11229.500	50.84	6.94	74.0	-23.16	Peak	104.00	100	Horizontal	Pass
5**	11229.500	42.29	6.94	54.0	-11.71	AV	104.00	100	Horizontal	Pass
6	17694.751	59.52	16.07	74.0	-14.48	Peak	36.00	100	Horizontal	Pass
6**	17694.751	51.11	16.07	54.0	-2.89	AV	36.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1993.500	53.46	-14.06	74.0	-20.54	Peak	144.00	100	Vertical	Pass
1**	1993.500	37.20	-14.06	54.0	-16.80	AV	144.00	100	Vertical	Pass
2	2461.000	88.87	-11.46	74.0	14.87	Peak	117.00	100	Vertical	N/A
2**	2461.000	86.33	-11.46	54.0	32.33	AV	117.00	100	Vertical	N/A
3	2993.500	50.00	-9.16	74.0	-24.00	Peak	78.00	100	Vertical	Pass
3**	2993.500	38.34	-9.16	54.0	-15.66	AV	78.00	100	Vertical	Pass
4	4792.000	52.00	-2.37	74.0	-22.00	Peak	1.00	100	Vertical	Pass
4**	4792.000	40.56	-2.37	54.0	-13.44	AV	1.00	100	Vertical	Pass
5	8999.250	49.40	2.79	74.0	-24.60	Peak	33.00	100	Vertical	Pass
5**	8999.250	40.30	2.79	54.0	-13.70	AV	33.00	100	Vertical	Pass
6	14567.999	56.18	11.77	74.0	-17.82	Peak	150.00	100	Vertical	Pass
6**	14567.999	47.06	11.77	54.0	-6.94	AV	150.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1908.000	48.16	-14.19	74.0	-25.84	Peak	108.00	100	Horizontal	Pass
1**	1908.000	28.26	-14.19	54.0	-25.74	AV	108.00	100	Horizontal	Pass
2	2465.000	92.58	-11.32	74.0	18.58	Peak	299.00	100	Horizontal	N/A
2**	2465.000	88.77	-11.32	54.0	34.77	AV	299.00	100	Horizontal	N/A
3	2993.500	44.64	-9.16	74.0	-29.36	Peak	22.00	100	Horizontal	Pass
3**	2993.500	34.30	-9.16	54.0	-19.70	AV	22.00	100	Horizontal	Pass
4	4789.000	48.31	-2.66	74.0	-25.69	Peak	34.00	100	Horizontal	Pass
4**	4789.000	36.84	-2.66	54.0	-17.16	AV	34.00	100	Horizontal	Pass
5	11331.250	52.13	6.68	74.0	-21.87	Peak	349.00	100	Horizontal	Pass
5**	11331.250	41.96	6.68	54.0	-12.04	AV	349.00	100	Horizontal	Pass
6	14581.750	56.70	12.24	74.0	-17.30	Peak	360.00	100	Horizontal	Pass
6**	14581.750	47.93	12.24	54.0	-6.07	AV	360.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2072.000	52.92	-13.35	74.0	-21.08	Peak	331.00	100	Vertical	Pass
1**	2072.000	30.09	-13.35	54.0	-23.91	AV	331.00	100	Vertical	Pass
2	2413.500	90.58	-11.70	74.0	16.58	Peak	115.00	100	Vertical	N/A
2**	2413.500	83.72	-11.70	54.0	29.72	AV	115.00	100	Vertical	N/A
3	2994.000	50.38	-9.07	74.0	-23.62	Peak	78.00	100	Vertical	Pass
3**	2994.000	38.92	-9.07	54.0	-15.08	AV	78.00	100	Vertical	Pass
4	4789.000	52.71	-2.66	74.0	-21.29	Peak	1.00	100	Vertical	Pass
4**	4789.000	41.12	-2.66	54.0	-12.88	AV	1.00	100	Vertical	Pass
5	13814.500	53.82	10.06	74.0	-20.18	Peak	33.00	100	Vertical	Pass
5**	13814.500	44.37	10.06	54.0	-9.63	AV	33.00	100	Vertical	Pass
6	17716.750	59.75	16.18	74.0	-14.25	Peak	119.00	100	Vertical	Pass
6**	17716.750	49.67	16.18	54.0	-4.33	AV	119.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1909.500	48.54	-14.35	74.0	-25.46	Peak	38.00	100	Horizontal	Pass
1**	1909.500	30.75	-14.35	54.0	-23.25	AV	38.00	100	Horizontal	Pass
2	2416.000	93.96	-11.56	74.0	19.96	Peak	279.00	100	Horizontal	N/A
2**	2416.000	86.28	-11.56	54.0	32.28	AV	279.00	100	Horizontal	N/A
3	3000.000	45.99	-9.13	74.0	-28.01	Peak	85.00	100	Horizontal	Pass
3**	3000.000	33.06	-9.13	54.0	-20.94	AV	85.00	100	Horizontal	Pass
4	4188.000	47.02	-4.08	74.0	-26.98	Peak	30.00	100	Horizontal	Pass
4**	4188.000	34.90	-4.08	54.0	-19.10	AV	30.00	100	Horizontal	Pass
5	9123.000	48.29	2.99	74.0	-25.71	Peak	23.00	100	Horizontal	Pass
5**	9123.000	38.27	2.99	54.0	-15.73	AV	23.00	100	Horizontal	Pass
6	17722.249	58.73	16.08	74.0	-15.27	Peak	1.00	100	Horizontal	Pass
6**	17722.249	50.06	16.08	54.0	-3.94	AV	1.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1913.000	53.70	-14.27	74.0	-20.30	Peak	0.00	100	Vertical	Pass
1**	1913.000	32.32	-14.27	54.0	-21.68	AV	0.00	100	Vertical	Pass
2	2433.000	91.79	-12.48	74.0	17.79	Peak	138.00	100	Vertical	N/A
2**	2433.000	84.51	-12.48	54.0	30.51	AV	138.00	100	Vertical	N/A
3	2993.000	49.72	-9.20	74.0	-24.28	Peak	82.00	100	Vertical	Pass
3**	2993.000	38.82	-9.20	54.0	-15.18	AV	82.00	100	Vertical	Pass
4	4790.000	52.77	-2.69	74.0	-21.23	Peak	0.00	100	Vertical	Pass
4**	4790.000	39.72	-2.69	54.0	-14.28	AV	0.00	100	Vertical	Pass
5	8999.250	50.16	2.79	74.0	-23.84	Peak	37.00	100	Vertical	Pass
5**	8999.250	38.71	2.79	54.0	-15.29	AV	37.00	100	Vertical	Pass
6	14625.750	55.88	12.04	74.0	-18.12	Peak	266.00	100	Vertical	Pass
6**	14625.750	46.46	12.04	54.0	-7.54	AV	266.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1993.500	47.66	-14.06	74.0	-26.34	Peak	116.00	100	Horizontal	Pass
1**	1993.500	29.98	-14.06	54.0	-24.02	AV	116.00	100	Horizontal	Pass
2	2443.000	94.81	-12.24	74.0	20.81	Peak	297.00	100	Horizontal	N/A
2**	2443.000	87.10	-12.24	54.0	33.10	AV	297.00	100	Horizontal	N/A
3	2994.000	45.59	-9.07	74.0	-28.41	Peak	86.00	100	Horizontal	Pass
3**	2994.000	34.15	-9.07	54.0	-19.85	AV	86.00	100	Horizontal	Pass
4	4792.000	48.47	-2.37	74.0	-25.53	Peak	36.00	100	Horizontal	Pass
4**	4792.000	37.10	-2.37	54.0	-16.90	AV	36.00	100	Horizontal	Pass
5	11070.000	50.74	7.11	74.0	-23.26	Peak	33.00	100	Horizontal	Pass
5**	11070.000	42.31	7.11	54.0	-11.69	AV	33.00	100	Horizontal	Pass
6	14581.750	56.24	12.24	74.0	-17.76	Peak	360.00	100	Horizontal	Pass
6**	14581.750	47.65	12.24	54.0	-6.35	AV	360.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1995.000	54.79	-13.89	74.0	-19.21	Peak	149.00	100	Vertical	Pass
1**	1995.000	31.19	-13.89	54.0	-22.81	AV	149.00	100	Vertical	Pass
2	2463.000	91.49	-11.46	74.0	17.49	Peak	117.00	100	Vertical	N/A
2**	2463.000	83.92	-11.46	54.0	29.92	AV	117.00	100	Vertical	N/A
3	2994.500	49.76	-9.03	74.0	-24.24	Peak	80.00	100	Vertical	Pass
3**	2994.500	39.24	-9.03	54.0	-14.76	AV	80.00	100	Vertical	Pass
4	4789.000	52.72	-2.66	74.0	-21.28	Peak	2.00	100	Vertical	Pass
4**	4789.000	40.73	-2.66	54.0	-13.27	AV	2.00	100	Vertical	Pass
5	8974.500	50.51	3.29	74.0	-23.49	Peak	105.00	100	Vertical	Pass
5**	8974.500	37.90	3.29	54.0	-16.10	AV	105.00	100	Vertical	Pass
6	17903.749	59.19	17.26	74.0	-14.81	Peak	313.00	100	Vertical	Pass
6**	17903.749	50.20	17.26	54.0	-3.80	AV	313.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1913.500	47.48	-14.31	74.0	-26.52	Peak	102.00	100	Horizontal	Pass
1**	1913.500	29.83	-14.31	54.0	-24.17	AV	102.00	100	Horizontal	Pass
2	2469.500	95.07	-11.51	74.0	21.07	Peak	297.00	100	Horizontal	N/A
2**	2469.500	86.88	-11.51	54.0	32.88	AV	297.00	100	Horizontal	N/A
3	2997.000	45.74	-9.12	74.0	-28.26	Peak	29.00	100	Horizontal	Pass
3**	2997.000	34.03	-9.12	54.0	-19.97	AV	29.00	100	Horizontal	Pass
4	5637.000	49.88	-1.91	74.0	-24.12	Peak	118.00	100	Horizontal	Pass
4**	5637.000	37.70	-1.91	54.0	-16.30	AV	118.00	100	Horizontal	Pass
5	13833.750	54.30	9.59	74.0	-19.70	Peak	302.00	100	Horizontal	Pass
5**	13833.750	46.28	9.59	54.0	-7.72	AV	302.00	100	Horizontal	Pass
6	16696.500	57.69	12.81	74.0	-16.31	Peak	117.00	100	Horizontal	Pass
6**	16696.500	47.15	12.81	54.0	-6.85	AV	117.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1991.500	53.00	-14.05	74.0	-21.00	Peak	151.00	100	Vertical	Pass
1**	1991.500	30.29	-14.05	54.0	-23.71	AV	151.00	100	Vertical	Pass
2	2416.000	89.80	-11.56	74.0	15.80	Peak	117.00	100	Vertical	N/A
2**	2416.000	82.67	-11.56	54.0	28.67	AV	117.00	100	Vertical	N/A
3	2995.500	49.55	-9.22	74.0	-24.45	Peak	82.00	100	Vertical	Pass
3**	2995.500	37.87	-9.22	54.0	-16.13	AV	82.00	100	Vertical	Pass
4	4787.000	52.10	-2.70	74.0	-21.90	Peak	0.00	100	Vertical	Pass
4**	4787.000	38.92	-2.70	54.0	-15.08	AV	0.00	100	Vertical	Pass
5	8974.500	52.54	3.29	74.0	-21.46	Peak	101.00	100	Vertical	Pass
5**	8974.500	38.29	3.29	54.0	-15.71	AV	101.00	100	Vertical	Pass
6	17686.499	60.22	15.97	74.0	-13.78	Peak	165.00	100	Vertical	Pass
6**	17686.499	49.03	15.97	54.0	-4.97	AV	165.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1913.500	47.29	-14.31	74.0	-26.71	Peak	107.00	100	Horizontal	Pass
1**	1913.500	30.06	-14.31	54.0	-23.94	AV	107.00	100	Horizontal	Pass
2	2413.500	92.94	-11.70	74.0	18.94	Peak	291.00	100	Horizontal	N/A
2**	2413.500	85.93	-11.70	54.0	31.93	AV	291.00	100	Horizontal	N/A
3	2992.500	45.09	-9.18	74.0	-28.91	Peak	18.00	100	Horizontal	Pass
3**	2992.500	33.69	-9.18	54.0	-20.31	AV	18.00	100	Horizontal	Pass
4	5021.000	49.34	-1.63	74.0	-24.66	Peak	94.00	100	Horizontal	Pass
4**	5021.000	38.00	-1.63	54.0	-16.00	AV	94.00	100	Horizontal	Pass
5	11196.500	50.82	6.96	74.0	-23.18	Peak	181.00	100	Horizontal	Pass
5**	11196.500	41.96	6.96	54.0	-12.04	AV	181.00	100	Horizontal	Pass
6	14587.250	56.51	12.38	74.0	-17.49	Peak	2.00	100	Horizontal	Pass
6**	14587.250	47.22	12.38	54.0	-6.78	AV	2.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2077.500	52.86	-13.72	74.0	-21.14	Peak	341.00	100	Vertical	Pass
1**	2077.500	30.19	-13.72	54.0	-23.81	AV	341.00	100	Vertical	Pass
2	2436.000	91.29	-12.67	74.0	17.29	Peak	142.00	100	Vertical	N/A
2**	2436.000	83.99	-12.67	54.0	29.99	AV	142.00	100	Vertical	N/A
3	2994.500	50.08	-9.03	74.0	-23.92	Peak	82.00	100	Vertical	Pass
3**	2994.500	39.38	-9.03	54.0	-14.62	AV	82.00	100	Vertical	Pass
4	4792.000	52.93	-2.37	74.0	-21.07	Peak	3.00	100	Vertical	Pass
4**	4792.000	40.34	-2.37	54.0	-13.66	AV	3.00	100	Vertical	Pass
5	10498.000	51.49	7.04	74.0	-22.51	Peak	334.00	100	Vertical	Pass
5**	10498.000	41.67	7.04	54.0	-12.33	AV	334.00	100	Vertical	Pass
6	17898.250	60.28	17.43	74.0	-13.72	Peak	357.00	100	Vertical	Pass
6**	17898.250	49.63	17.43	54.0	-4.37	AV	357.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1994.000	49.68	-13.75	74.0	-24.32	Peak	124.00	100	Horizontal	Pass
1**	1994.000	30.08	-13.75	54.0	-23.92	AV	124.00	100	Horizontal	Pass
2	2442.500	93.87	-12.20	74.0	19.87	Peak	290.00	100	Horizontal	N/A
2**	2442.500	86.37	-12.20	54.0	32.37	AV	290.00	100	Horizontal	N/A
3	2996.000	44.72	-9.03	74.0	-29.28	Peak	84.00	100	Horizontal	Pass
3**	2996.000	33.47	-9.03	54.0	-20.53	AV	84.00	100	Horizontal	Pass
4	6484.000	52.47	1.43	74.0	-21.53	Peak	159.00	100	Horizontal	Pass
4**	6484.000	41.82	1.43	54.0	-12.18	AV	159.00	100	Horizontal	Pass
5	11496.250	51.53	7.67	74.0	-22.47	Peak	323.00	100	Horizontal	Pass
5**	11496.250	41.92	7.67	54.0	-12.08	AV	323.00	100	Horizontal	Pass
6	17901.001	59.37	17.44	74.0	-14.63	Peak	347.00	100	Horizontal	Pass
6**	17901.001	50.73	17.44	54.0	-3.27	AV	347.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1994.000	52.34	-13.75	74.0	-21.66	Peak	164.00	100	Vertical	Pass
1**	1994.000	32.10	-13.75	54.0	-21.90	AV	164.00	100	Vertical	Pass
2	2464.500	90.63	-11.45	74.0	16.63	Peak	115.00	100	Vertical	N/A
2**	2464.500	83.50	-11.45	54.0	29.50	AV	115.00	100	Vertical	N/A
3	2996.000	49.48	-9.03	74.0	-24.52	Peak	83.00	100	Vertical	Pass
3**	2996.000	38.02	-9.03	54.0	-15.98	AV	83.00	100	Vertical	Pass
4	4792.000	52.62	-2.37	74.0	-21.38	Peak	360.00	100	Vertical	Pass
4**	4792.000	40.86	-2.37	54.0	-13.14	AV	360.00	100	Vertical	Pass
5	11336.750	51.63	6.68	74.0	-22.37	Peak	190.00	100	Vertical	Pass
5**	11336.750	41.49	6.68	54.0	-12.51	AV	190.00	100	Vertical	Pass
6	14598.250	56.14	12.46	74.0	-17.86	Peak	190.00	100	Vertical	Pass
6**	14598.250	46.85	12.46	54.0	-7.15	AV	190.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1830.000	46.77	-15.29	74.0	-27.23	Peak	72.00	100	Horizontal	Pass
1**	1830.000	27.96	-15.29	54.0	-26.04	AV	72.00	100	Horizontal	Pass
2	2460.000	94.18	-11.53	74.0	20.18	Peak	242.00	100	Horizontal	N/A
2**	2460.000	86.86	-11.53	54.0	32.86	AV	242.00	100	Horizontal	N/A
3	2998.500	45.44	-9.20	74.0	-28.56	Peak	29.00	100	Horizontal	Pass
3**	2998.500	34.63	-9.20	54.0	-19.37	AV	29.00	100	Horizontal	Pass
4	6526.000	52.92	2.14	74.0	-21.08	Peak	199.00	100	Horizontal	Pass
4**	6526.000	42.05	2.14	54.0	-11.95	AV	199.00	100	Horizontal	Pass
5	11215.750	50.98	6.91	74.0	-23.02	Peak	355.00	100	Horizontal	Pass
5**	11215.750	42.31	6.91	54.0	-11.69	AV	355.00	100	Horizontal	Pass
6	14579.000	55.93	12.16	74.0	-18.07	Peak	209.00	100	Horizontal	Pass
6**	14579.000	46.35	12.16	54.0	-7.65	AV	209.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2074.000	51.37	-13.46	74.0	-22.63	Peak	322.00	100	Vertical	Pass
1**	2074.000	29.10	-13.46	54.0	-24.90	AV	322.00	100	Vertical	Pass
2	2427.500	87.36	-12.04	74.0	13.36	Peak	115.00	100	Vertical	N/A
2**	2427.500	80.09	-12.04	54.0	26.09	AV	115.00	100	Vertical	N/A
3	2997.500	49.97	-9.12	74.0	-24.03	Peak	80.00	100	Vertical	Pass
3**	2997.500	39.04	-9.12	54.0	-14.96	AV	80.00	100	Vertical	Pass
4	4786.000	53.20	-2.62	74.0	-20.80	Peak	4.00	100	Vertical	Pass
4**	4786.000	36.37	-2.62	54.0	-17.63	AV	4.00	100	Vertical	Pass
5	8974.500	50.65	3.29	74.0	-23.35	Peak	102.00	100	Vertical	Pass
5**	8974.500	37.63	3.29	54.0	-16.37	AV	102.00	100	Vertical	Pass
6	17678.250	58.76	15.91	74.0	-15.24	Peak	234.00	100	Vertical	Pass
6**	17678.250	49.32	15.91	54.0	-4.68	AV	234.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1908.500	49.77	-14.27	74.0	-24.23	Peak	110.00	100	Horizontal	Pass
1**	1908.500	28.77	-14.27	54.0	-25.23	AV	110.00	100	Horizontal	Pass
2	2426.500	90.56	-12.10	74.0	16.56	Peak	284.00	100	Horizontal	N/A
2**	2426.500	83.76	-12.10	54.0	29.76	AV	284.00	100	Horizontal	N/A
3	2993.000	46.24	-9.20	74.0	-27.76	Peak	27.00	100	Horizontal	Pass
3**	2993.000	33.91	-9.20	54.0	-20.09	AV	27.00	100	Horizontal	Pass
4	6524.000	53.05	2.07	74.0	-20.95	Peak	328.00	100	Horizontal	Pass
4**	6524.000	41.76	2.07	54.0	-12.24	AV	328.00	100	Horizontal	Pass
5	11963.750	51.14	5.78	74.0	-22.86	Peak	0.00	100	Horizontal	Pass
5**	11963.750	42.34	5.78	54.0	-11.66	AV	0.00	100	Horizontal	Pass
6	17560.001	58.87	15.13	74.0	-15.13	Peak	1.00	100	Horizontal	Pass
6**	17560.001	48.38	15.13	54.0	-5.62	AV	1.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1910.000	52.46	-14.35	74.0	-21.54	Peak	13.00	100	Vertical	Pass
1**	1910.000	32.89	-14.35	54.0	-21.11	AV	13.00	100	Vertical	Pass
2	2447.500	88.58	-12.04	74.0	14.58	Peak	125.00	100	Vertical	N/A
2**	2447.500	81.55	-12.04	54.0	27.55	AV	125.00	100	Vertical	N/A
3	2994.500	49.88	-9.03	74.0	-24.12	Peak	79.00	100	Vertical	Pass
3**	2994.500	37.52	-9.03	54.0	-16.48	AV	79.00	100	Vertical	Pass
4	4789.000	52.43	-2.66	74.0	-21.57	Peak	360.00	100	Vertical	Pass
4**	4789.000	40.14	-2.66	54.0	-13.86	AV	360.00	100	Vertical	Pass
5	8982.750	48.79	3.27	74.0	-25.21	Peak	32.00	100	Vertical	Pass
5**	8982.750	38.38	3.27	54.0	-15.62	AV	32.00	100	Vertical	Pass
6	14411.250	55.76	11.24	74.0	-18.24	Peak	329.00	100	Vertical	Pass
6**	14411.250	45.32	11.24	54.0	-8.68	AV	329.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1909.500	46.40	-14.35	74.0	-27.60	Peak	102.00	100	Horizontal	Pass
1**	1909.500	28.48	-14.35	54.0	-25.52	AV	102.00	100	Horizontal	Pass
2	2447.500	92.35	-12.04	74.0	18.35	Peak	296.00	100	Horizontal	N/A
2**	2447.500	85.18	-12.04	54.0	31.18	AV	296.00	100	Horizontal	N/A
3	2997.000	45.67	-9.12	74.0	-28.33	Peak	16.00	100	Horizontal	Pass
3**	2997.000	32.97	-9.12	54.0	-21.03	AV	16.00	100	Horizontal	Pass
4	4787.000	47.74	-2.70	74.0	-26.26	Peak	82.00	100	Horizontal	Pass
4**	4787.000	36.45	-2.70	54.0	-17.55	AV	82.00	100	Horizontal	Pass
5	10363.250	50.65	7.22	74.0	-23.35	Peak	3.00	100	Horizontal	Pass
5**	10363.250	40.71	7.22	54.0	-13.29	AV	3.00	100	Horizontal	Pass
6	14581.750	55.62	12.24	74.0	-18.38	Peak	288.00	100	Horizontal	Pass
6**	14581.750	46.69	12.24	54.0	-7.31	AV	288.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1993.000	50.95	-14.22	74.0	-23.05	Peak	145.00	100	Vertical	Pass
1**	1993.000	34.23	-14.22	54.0	-19.77	AV	145.00	100	Vertical	Pass
2	2456.000	87.39	-11.94	74.0	13.39	Peak	117.00	100	Vertical	N/A
2**	2456.000	80.30	-11.94	54.0	26.30	AV	117.00	100	Vertical	N/A
3	2996.500	49.80	-9.13	74.0	-24.20	Peak	80.00	100	Vertical	Pass
3**	2996.500	38.09	-9.13	54.0	-15.91	AV	80.00	100	Vertical	Pass
4	4790.000	52.08	-2.69	74.0	-21.92	Peak	0.00	100	Vertical	Pass
4**	4790.000	40.76	-2.69	54.0	-13.24	AV	0.00	100	Vertical	Pass
5	10940.750	51.69	7.47	74.0	-22.31	Peak	226.00	100	Vertical	Pass
5**	10940.750	41.46	7.47	54.0	-12.54	AV	226.00	100	Vertical	Pass
6	14570.750	55.52	11.86	74.0	-18.48	Peak	196.00	100	Vertical	Pass
6**	14570.750	47.64	11.86	54.0	-6.36	AV	196.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1995.500	47.80	-13.86	74.0	-26.20	Peak	119.00	100	Horizontal	Pass
1**	1995.500	28.24	-13.86	54.0	-25.76	AV	119.00	100	Horizontal	Pass
2	2463.500	91.62	-11.34	74.0	17.62	Peak	293.00	100	Horizontal	N/A
2**	2463.500	84.42	-11.34	54.0	30.42	AV	293.00	100	Horizontal	N/A
3	2991.500	45.81	-9.05	74.0	-28.19	Peak	78.00	100	Horizontal	Pass
3**	2991.500	32.28	-9.05	54.0	-21.72	AV	78.00	100	Horizontal	Pass
4	6891.000	54.03	2.72	74.0	-19.97	Peak	147.00	100	Horizontal	Pass
4**	6891.000	41.85	2.72	54.0	-12.15	AV	147.00	100	Horizontal	Pass
5	10946.250	51.04	7.37	74.0	-22.96	Peak	345.00	100	Horizontal	Pass
5**	10946.250	42.56	7.37	54.0	-11.44	AV	345.00	100	Horizontal	Pass
6	17048.500	57.61	14.17	74.0	-16.39	Peak	242.00	100	Horizontal	Pass
6**	17048.500	47.77	14.17	54.0	-6.23	AV	242.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1907.500	50.00	-14.22	74.0	-24.00	Peak	0.00	100	Vertical	Pass
1**	1907.500	30.92	-14.22	54.0	-23.08	AV	0.00	100	Vertical	Pass
2	2416.000	92.07	-11.56	74.0	18.07	Peak	108.00	100	Vertical	N/A
2**	2416.000	83.15	-11.56	54.0	29.15	AV	108.00	100	Vertical	N/A
3	2999.500	49.89	-9.19	74.0	-24.11	Peak	77.00	100	Vertical	Pass
3**	2999.500	38.66	-9.19	54.0	-15.34	AV	77.00	100	Vertical	Pass
4	4788.000	52.31	-2.76	74.0	-21.69	Peak	0.00	100	Vertical	Pass
4**	4788.000	40.53	-2.76	54.0	-13.47	AV	0.00	100	Vertical	Pass
5	8999.250	49.00	2.79	74.0	-25.00	Peak	37.00	100	Vertical	Pass
5**	8999.250	39.63	2.79	54.0	-14.37	AV	37.00	100	Vertical	Pass
6	17727.750	59.48	15.97	74.0	-14.52	Peak	205.00	100	Vertical	Pass
6**	17727.750	48.30	15.97	54.0	-5.70	AV	205.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1779.500	47.33	-15.27	74.0	-26.67	Peak	122.00	100	Horizontal	Pass
1**	1779.500	28.24	-15.27	54.0	-25.76	AV	122.00	100	Horizontal	Pass
2	2410.000	94.19	-11.74	74.0	20.19	Peak	281.00	100	Horizontal	N/A
2**	2410.000	86.91	-11.74	54.0	32.91	AV	281.00	100	Horizontal	N/A
3	2997.500	45.15	-9.12	74.0	-28.85	Peak	27.00	100	Horizontal	Pass
3**	2997.500	33.20	-9.12	54.0	-20.80	AV	27.00	100	Horizontal	Pass
4	4766.000	47.74	-2.78	74.0	-26.26	Peak	360.00	100	Horizontal	Pass
4**	4766.000	36.73	-2.78	54.0	-17.27	AV	360.00	100	Horizontal	Pass
5	12084.750	50.98	6.35	74.0	-23.02	Peak	360.00	100	Horizontal	Pass
5**	12084.750	41.18	6.35	54.0	-12.82	AV	360.00	100	Horizontal	Pass
6	14581.750	55.79	12.24	74.0	-18.21	Peak	236.00	100	Horizontal	Pass
6**	14581.750	46.36	12.24	54.0	-7.64	AV	236.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1994.500	53.86	-13.96	74.0	-20.14	Peak	158.00	100	Vertical	Pass
1**	1994.500	31.30	-13.96	54.0	-22.70	AV	158.00	100	Vertical	Pass
2	2437.500	92.25	-12.47	74.0	18.25	Peak	114.00	100	Vertical	N/A
2**	2437.500	83.25	-12.47	54.0	29.25	AV	114.00	100	Vertical	N/A
3	2991.500	49.41	-9.05	74.0	-24.59	Peak	82.00	100	Vertical	Pass
3**	2991.500	33.19	-9.05	54.0	-20.81	AV	82.00	100	Vertical	Pass
4	4792.000	53.16	-2.37	74.0	-20.84	Peak	0.00	100	Vertical	Pass
4**	4792.000	40.42	-2.37	54.0	-13.58	AV	0.00	100	Vertical	Pass
5	8977.250	49.05	3.30	74.0	-24.95	Peak	105.00	100	Vertical	Pass
5**	8977.250	39.52	3.30	54.0	-14.48	AV	105.00	100	Vertical	Pass
6	17722.249	59.72	16.08	74.0	-14.28	Peak	83.00	100	Vertical	Pass
6**	17722.249	49.68	16.08	54.0	-4.32	AV	83.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1964.500	45.77	-14.65	74.0	-28.23	Peak	112.00	100	Horizontal	Pass
1**	1964.500	27.56	-14.65	54.0	-26.44	AV	112.00	100	Horizontal	Pass
2	2439.000	94.60	-12.47	74.0	20.60	Peak	288.00	100	Horizontal	N/A
2**	2439.000	86.37	-12.47	54.0	32.37	AV	288.00	100	Horizontal	N/A
3	2994.000	45.01	-9.07	74.0	-28.99	Peak	360.00	100	Horizontal	Pass
3**	2994.000	34.21	-9.07	54.0	-19.79	AV	360.00	100	Horizontal	Pass
4	6902.000	53.57	2.42	74.0	-20.43	Peak	207.00	100	Horizontal	Pass
4**	6902.000	42.23	2.42	54.0	-11.77	AV	207.00	100	Horizontal	Pass
5	10077.250	50.33	6.49	74.0	-23.67	Peak	30.00	100	Horizontal	Pass
5**	10077.250	40.98	6.49	54.0	-13.02	AV	30.00	100	Horizontal	Pass
6	14845.750	55.76	12.44	74.0	-18.24	Peak	287.00	100	Horizontal	Pass
6**	14845.750	45.02	12.44	54.0	-8.98	AV	287.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1910.500	53.34	-14.40	74.0	-20.66	Peak	0.00	100	Vertical	Pass
1**	1910.500	35.18	-14.40	54.0	-18.82	AV	0.00	100	Vertical	Pass
2	2463.000	89.81	-11.46	74.0	15.81	Peak	112.00	100	Vertical	N/A
2**	2463.000	82.96	-11.46	54.0	28.96	AV	112.00	100	Vertical	N/A
3	2992.500	49.38	-9.18	74.0	-24.62	Peak	78.00	100	Vertical	Pass
3**	2992.500	38.34	-9.18	54.0	-15.66	AV	78.00	100	Vertical	Pass
4	4790.000	53.62	-2.69	74.0	-20.38	Peak	0.00	100	Vertical	Pass
4**	4790.000	42.02	-2.69	54.0	-11.98	AV	0.00	100	Vertical	Pass
5	9981.000	49.99	6.34	74.0	-24.01	Peak	85.00	100	Vertical	Pass
5**	9981.000	39.41	6.34	54.0	-14.59	AV	85.00	100	Vertical	Pass
6	14617.500	55.77	12.12	74.0	-18.23	Peak	131.00	100	Vertical	Pass
6**	14617.500	44.95	12.12	54.0	-9.05	AV	131.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1742.500	46.92	-16.02	74.0	-27.08	Peak	112.00	100	Horizontal	Pass
1**	1742.500	27.80	-16.02	54.0	-26.20	AV	112.00	100	Horizontal	Pass
2	2468.500	93.93	-11.63	74.0	19.93	Peak	275.00	100	Horizontal	N/A
2**	2468.500	85.26	-11.63	54.0	31.26	AV	275.00	100	Horizontal	N/A
3	2993.500	44.63	-9.16	74.0	-29.37	Peak	77.00	100	Horizontal	Pass
3**	2993.500	33.57	-9.16	54.0	-20.43	AV	77.00	100	Horizontal	Pass
4	6981.000	53.85	3.76	74.0	-20.15	Peak	165.00	100	Horizontal	Pass
4**	6981.000	44.25	3.76	54.0	-9.75	AV	165.00	100	Horizontal	Pass
5	11521.000	51.00	7.21	74.0	-23.00	Peak	303.00	100	Horizontal	Pass
5**	11521.000	42.36	7.21	54.0	-11.64	AV	303.00	100	Horizontal	Pass
6	17887.250	59.23	16.95	74.0	-14.77	Peak	326.00	100	Horizontal	Pass
6**	17887.250	49.95	16.95	54.0	-4.05	AV	326.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1910.500	54.05	-14.40	74.0	-19.95	Peak	0.00	100	Vertical	Pass
1**	1910.500	35.02	-14.40	54.0	-18.98	AV	0.00	100	Vertical	Pass
2	2415.500	86.99	-11.52	74.0	12.99	Peak	116.00	100	Vertical	N/A
2**	2415.500	80.00	-11.52	54.0	26.00	AV	116.00	100	Vertical	N/A
3	2993.500	49.82	-9.16	74.0	-24.18	Peak	80.00	100	Vertical	Pass
3**	2993.500	37.55	-9.16	54.0	-16.45	AV	80.00	100	Vertical	Pass
4	4789.000	53.74	-2.66	74.0	-20.26	Peak	0.00	100	Vertical	Pass
4**	4789.000	41.61	-2.66	54.0	-12.39	AV	0.00	100	Vertical	Pass
5	10811.500	51.07	7.16	74.0	-22.93	Peak	183.00	100	Vertical	Pass
5**	10811.500	41.70	7.16	54.0	-12.30	AV	183.00	100	Vertical	Pass
6	17496.750	58.67	14.83	74.0	-15.33	Peak	88.00	100	Vertical	Pass
6**	17496.750	47.32	14.83	54.0	-6.68	AV	88.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1701.500	46.86	-16.34	74.0	-27.14	Peak	46.00	100	Horizontal	Pass
1**	1701.500	26.53	-16.34	54.0	-27.47	AV	46.00	100	Horizontal	Pass
2	2427.500	91.84	-12.04	74.0	17.84	Peak	280.00	100	Horizontal	N/A
2**	2427.500	84.65	-12.04	54.0	30.65	AV	280.00	100	Horizontal	N/A
3	2998.500	44.87	-9.20	74.0	-29.13	Peak	83.00	100	Horizontal	Pass
3**	2998.500	33.02	-9.20	54.0	-20.98	AV	83.00	100	Horizontal	Pass
4	6464.000	52.28	1.76	74.0	-21.72	Peak	241.00	100	Horizontal	Pass
4**	6464.000	40.95	1.76	54.0	-13.05	AV	241.00	100	Horizontal	Pass
5	8779.250	47.80	2.51	74.0	-26.20	Peak	22.00	100	Horizontal	Pass
5**	8779.250	37.69	2.51	54.0	-16.31	AV	22.00	100	Horizontal	Pass
6	14436.000	54.94	10.64	74.0	-19.06	Peak	242.00	100	Horizontal	Pass
6**	14436.000	45.48	10.64	54.0	-8.52	AV	242.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1911.500	56.33	-14.29	74.0	-17.67	Peak	20.00	100	Vertical	Pass
1**	1911.500	30.55	-14.29	54.0	-23.45	AV	20.00	100	Vertical	Pass
2	2442.500	88.31	-12.20	74.0	14.31	Peak	114.00	100	Vertical	N/A
2**	2442.500	81.38	-12.20	54.0	27.38	AV	114.00	100	Vertical	N/A
3	3000.000	47.17	-9.13	74.0	-26.83	Peak	91.00	100	Vertical	Pass
3**	3000.000	37.13	-9.13	54.0	-16.87	AV	91.00	100	Vertical	Pass
4	4791.000	53.04	-2.56	74.0	-20.96	Peak	359.00	100	Vertical	Pass
4**	4791.000	40.43	-2.56	54.0	-13.57	AV	359.00	100	Vertical	Pass
5	8999.250	50.93	2.79	74.0	-23.07	Peak	103.00	100	Vertical	Pass
5**	8999.250	38.67	2.79	54.0	-15.33	AV	103.00	100	Vertical	Pass
6	14273.750	55.15	11.11	74.0	-18.85	Peak	79.00	100	Vertical	Pass
6**	14273.750	45.58	11.11	54.0	-8.42	AV	79.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1781.500	46.35	-15.48	74.0	-27.65	Peak	125.00	100	Horizontal	Pass
1**	1781.500	27.58	-15.48	54.0	-26.42	AV	125.00	100	Horizontal	Pass
2	2441.000	92.66	-12.31	74.0	18.66	Peak	288.00	100	Horizontal	N/A
2**	2441.000	85.59	-12.31	54.0	31.59	AV	288.00	100	Horizontal	N/A
3	3000.000	43.30	-9.13	74.0	-30.70	Peak	86.00	100	Horizontal	Pass
3**	3000.000	33.36	-9.13	54.0	-20.64	AV	86.00	100	Horizontal	Pass
4	5954.000	50.41	0.45	74.0	-23.59	Peak	263.00	100	Horizontal	Pass
4**	5954.000	39.56	0.45	54.0	-14.44	AV	263.00	100	Horizontal	Pass
5	8614.250	48.02	2.57	74.0	-25.98	Peak	312.00	100	Horizontal	Pass
5**	8614.250	37.28	2.57	54.0	-16.72	AV	312.00	100	Horizontal	Pass
6	14567.999	56.46	11.77	74.0	-17.54	Peak	148.00	100	Horizontal	Pass
6**	14567.999	45.49	11.77	54.0	-8.51	AV	148.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1910.000	56.65	-14.35	74.0	-17.35	Peak	15.00	100	Vertical	Pass
1**	1910.000	30.19	-14.35	54.0	-23.81	AV	15.00	100	Vertical	Pass
2	2450.000	86.82	-11.88	74.0	12.82	Peak	118.00	100	Vertical	N/A
2**	2450.000	80.25	-11.88	54.0	26.25	AV	118.00	100	Vertical	N/A
3	2993.500	50.31	-9.16	74.0	-23.69	Peak	79.00	100	Vertical	Pass
3**	2993.500	40.15	-9.16	54.0	-13.85	AV	79.00	100	Vertical	Pass
4	4786.000	53.74	-2.62	74.0	-20.26	Peak	360.00	100	Vertical	Pass
4**	4786.000	36.09	-2.62	54.0	-17.91	AV	360.00	100	Vertical	Pass
5	9147.750	49.01	3.29	74.0	-24.99	Peak	30.00	100	Vertical	Pass
5**	9147.750	38.39	3.29	54.0	-15.61	AV	30.00	100	Vertical	Pass
6	14612.000	55.25	12.21	74.0	-18.75	Peak	172.00	100	Vertical	Pass
6**	14612.000	46.11	12.21	54.0	-7.89	AV	172.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1744.000	47.13	-16.27	74.0	-26.87	Peak	112.00	100	Horizontal	Pass
1**	1744.000	26.29	-16.27	54.0	-27.71	AV	112.00	100	Horizontal	Pass
2	2457.000	92.51	-12.01	74.0	18.51	Peak	292.00	100	Horizontal	N/A
2**	2457.000	84.64	-12.01	54.0	30.64	AV	292.00	100	Horizontal	N/A
3	2998.000	45.15	-9.17	74.0	-28.85	Peak	87.00	100	Horizontal	Pass
3**	2998.000	32.96	-9.17	54.0	-21.04	AV	87.00	100	Horizontal	Pass
4	6143.000	50.49	-0.35	74.0	-23.51	Peak	324.00	100	Horizontal	Pass
4**	6143.000	39.32	-0.35	54.0	-14.68	AV	324.00	100	Horizontal	Pass
5	10223.000	50.11	7.03	74.0	-23.89	Peak	101.00	100	Horizontal	Pass
5**	10223.000	40.69	7.03	54.0	-13.31	AV	101.00	100	Horizontal	Pass
6	14337.000	55.21	11.99	74.0	-18.79	Peak	283.00	100	Horizontal	Pass
6**	14337.000	44.49	11.99	54.0	-9.51	AV	283.00	100	Horizontal	Pass

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

Test Data

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

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

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

SISO ANT0

Test Mode	Test Channel	Frequency (MHz)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin (dB)	Remark	Verdict
802.11b	1	2390	49.796	74	24.204	PEAK	Pass
		2390	N/A	54	N/A	AVERAGE	Pass
	11	2483.5	51.797	74	22.203	PEAK	Pass
		2483.5	N/A	54	N/A	AVERAGE	Pass
802.11g	1	2390	61.692	74	12.308	PEAK	Pass
		2390	48.158	54	5.842	AVERAGE	Pass
	11	2483.5	66.775	74	7.225	PEAK	Pass
		2483.5	52.836	54	1.164	AVERAGE	Pass
802.11n20	1	2390	57.851	74	16.149	PEAK	Pass
		2390	44.709	54	9.291	AVERAGE	Pass
	11	2483.5	67.445	74	6.555	PEAK	Pass
		2483.5	50.501	54	3.499	AVERAGE	Pass
802.11n40	3	2390	67.893	74	6.107	PEAK	Pass
		2390	52.120	54	1.88	AVERAGE	Pass
	9	2483.5	69.376	74	4.624	PEAK	Pass
		2483.5	52.822	54	1.178	AVERAGE	Pass

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Test Mode	Test Channel	Frequency (MHz)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin (dB)	Remark	Verdict
802.11b	1	2390	47.986	74	26.014	PEAK	Pass
		2390	N/A	54	N/A	AVERAGE	Pass
	11	2483.5	44.854	74	29.146	PEAK	Pass
		2483.5	N/A	54	N/A	AVERAGE	Pass
802.11g	1	2390	59.426	74	14.574	PEAK	Pass
		2390	45.231	54	8.769	AVERAGE	Pass
	11	2483.5	54.632	74	19.368	PEAK	Pass
		2483.5	38.825	54	15.175	AVERAGE	Pass
802.11n20	1	2390	61.314	74	12.686	PEAK	Pass
		2390	46.753	54	7.247	AVERAGE	Pass
	11	2483.5	66.204	74	7.796	PEAK	Pass
		2483.5	50.078	54	3.922	AVERAGE	Pass
802.11n40	3	2390	59.451	74	14.549	PEAK	Pass
		2390	44.806	54	9.194	AVERAGE	Pass
	9	2483.5	58.210	74	15.79	PEAK	Pass
		2483.5	43.346	54	10.654	AVERAGE	Pass

MIMO

Test Mode	Test Channel	Frequency (MHz)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin (dB)	Remark	Verdict
802.11n20	1	2390	64.422	74	9.578	PEAK	Pass
		2390	48.800	54	5.2	AVERAGE	Pass
	11	2483.5	59.048	74	14.952	PEAK	Pass
		2483.5	42.062	54	11.938	AVERAGE	Pass
802.11n40	3	2390	66.422	74	7.578	PEAK	Pass
		2390	51.256	54	2.744	AVERAGE	Pass
	9	2483.5	67.649	74	6.351	PEAK	Pass
		2483.5	50.901	54	3.099	AVERAGE	Pass

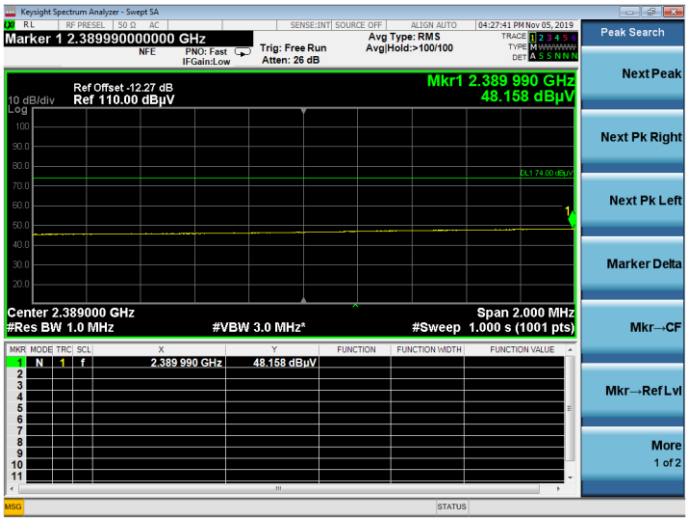
SISO ANT0

802.11b CHANNEL 1, PEAK

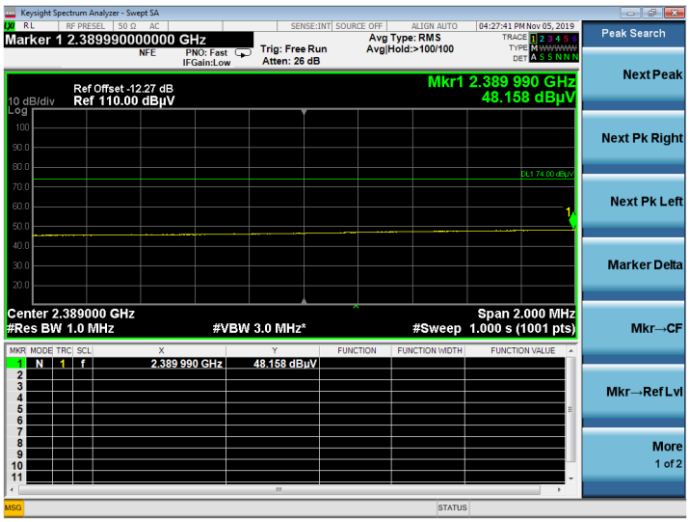
802.11b CHANNEL 11, PEAK

802.11g CHANNEL 1, PEAK

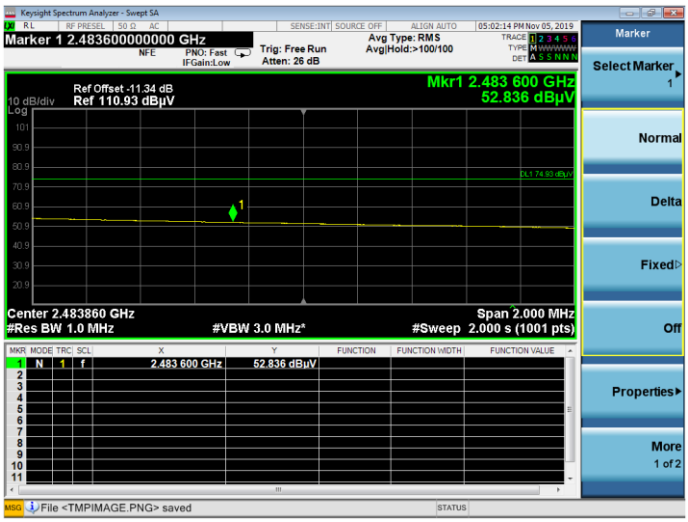
802.11g CHANNEL 1, AV



802.11g CHANNEL 11, PEAK

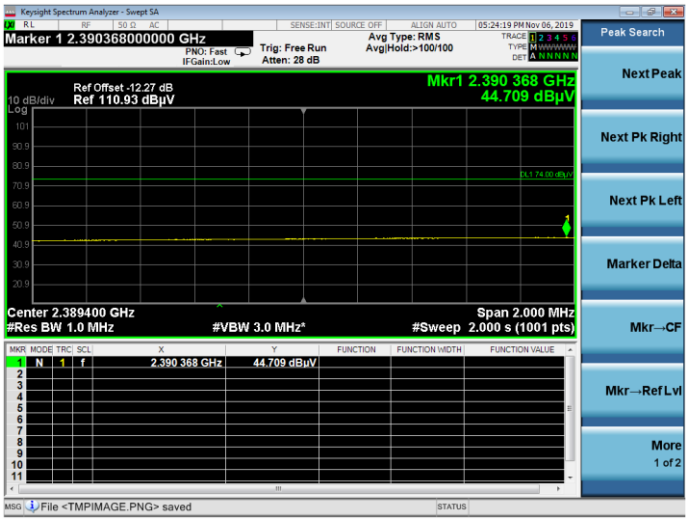


802.11g CHANNEL 11, AV



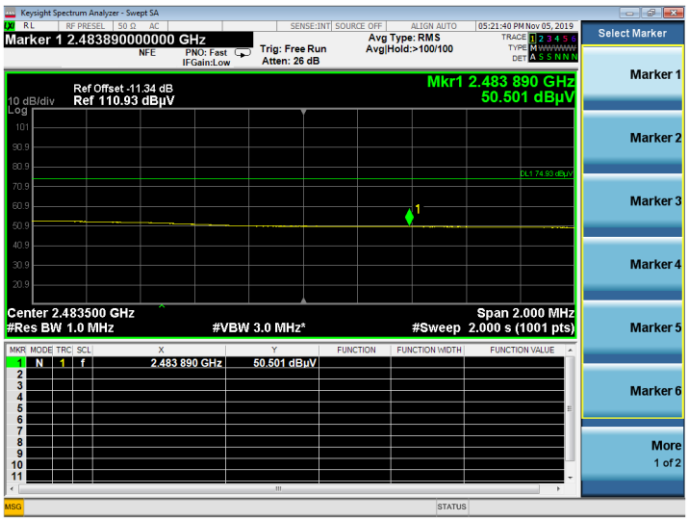
802.11n-20 MHz CHANNEL 1, PEAK

802.11n-20 MHz CHANNEL 1, AV



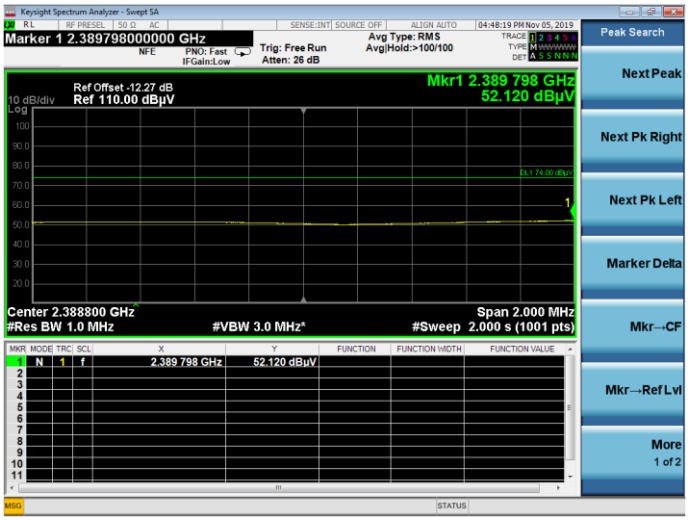
802.11n-20 MHz CHANNEL 11, PEAK

802.11n-20 MHz CHANNEL 11, AV

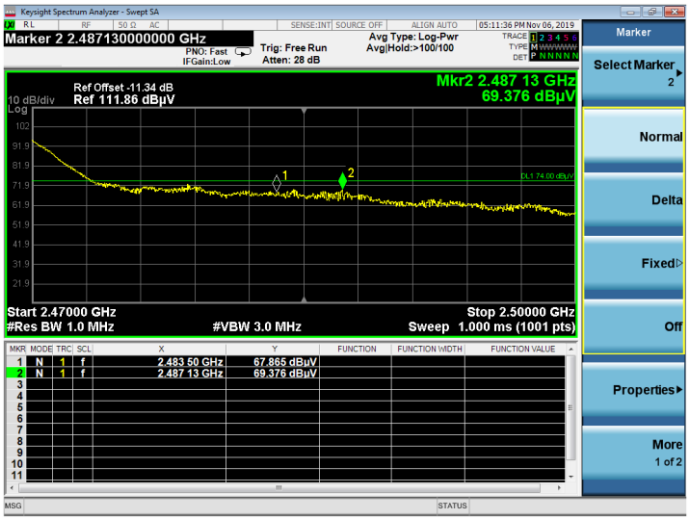


802.11n-40 MHz CHANNEL 3, PEAK

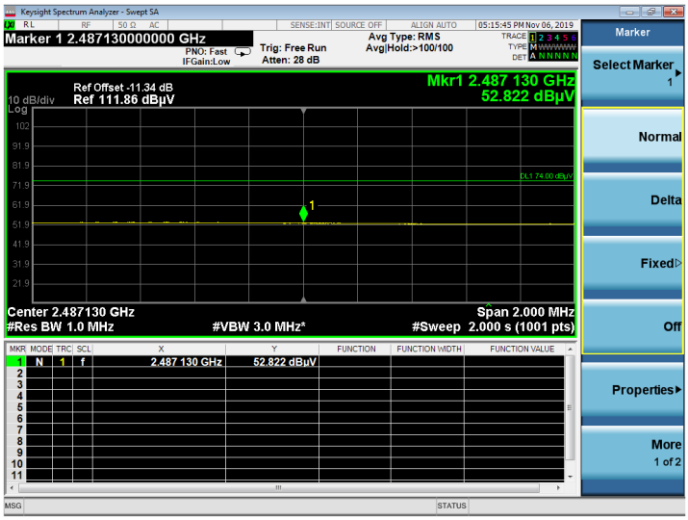
802.11n-20 MHz CHANNEL 3, AV



802.11n-20 MHz CHANNEL 9, PEAK

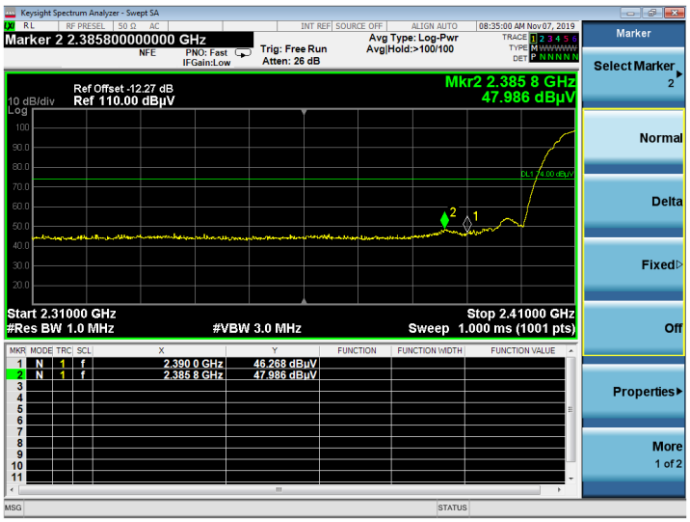


802.11n-20 MHz CHANNEL 9, AV

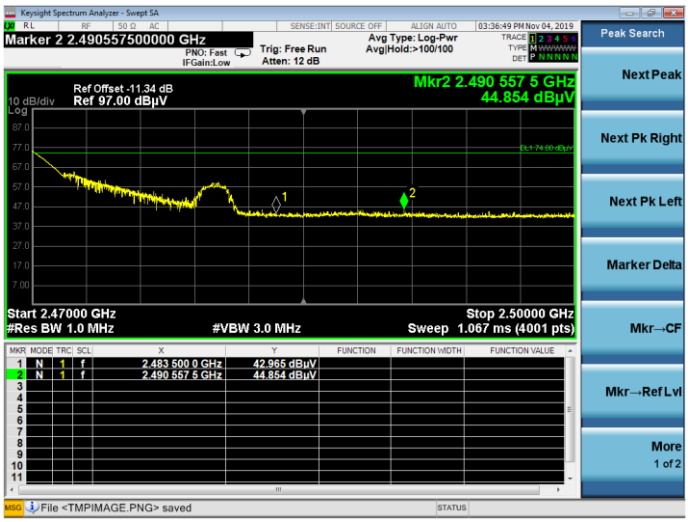


SISO ANT1

802.11b CHANNEL 1, PEAK



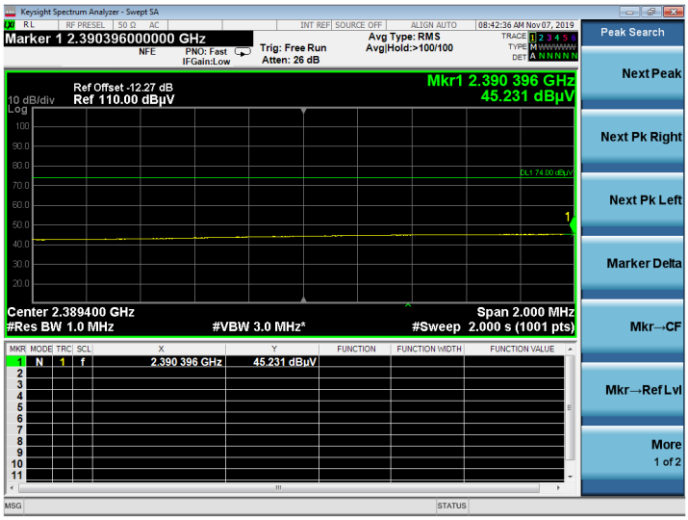
802.11b CHANNEL 11, PEAK



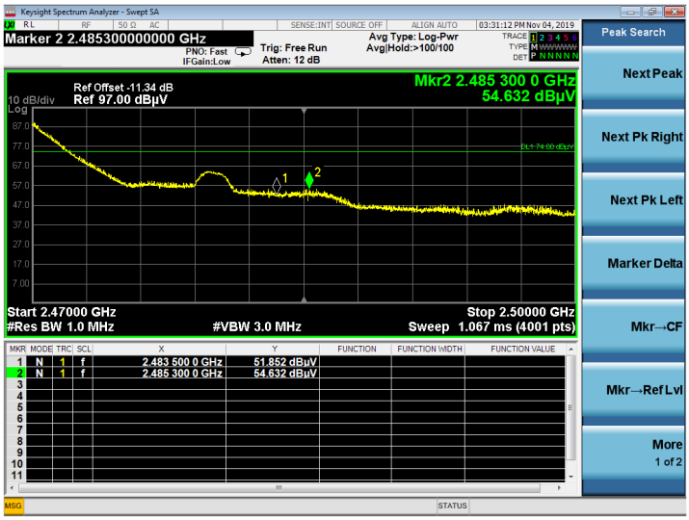
802.11g Mode：

802.11g CHANNEL 1, PEAK

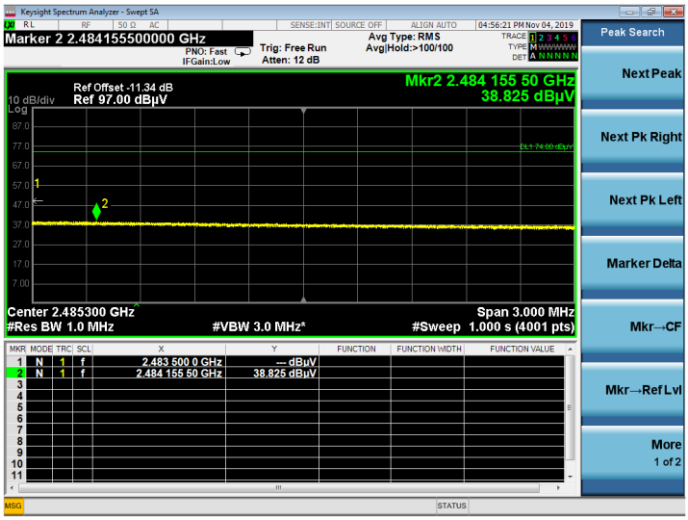
802.11g CHANNEL 1,AV



802.11g CHANNEL 11, PEAK

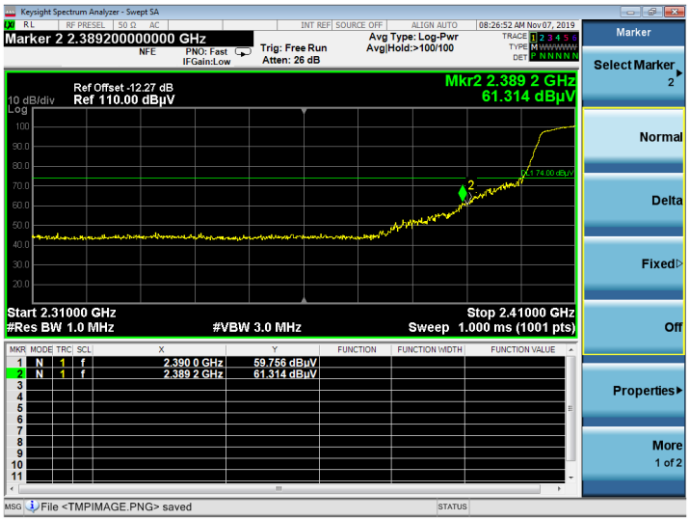


802.11g CHANNEL 11, AV

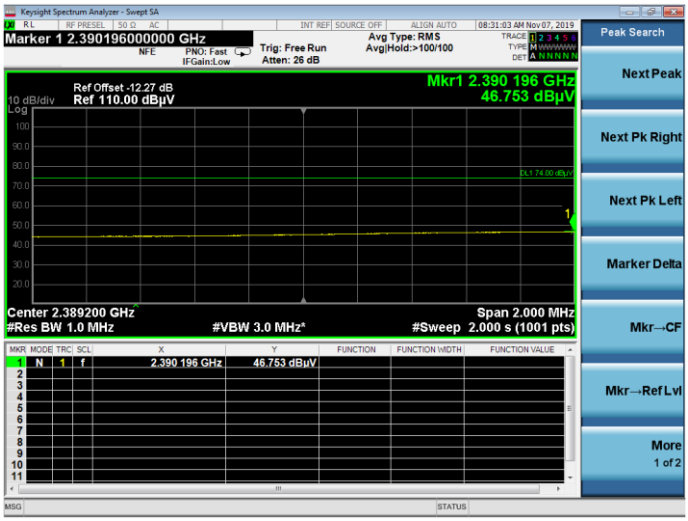


802.11n-20 MHz Mode：

802.11n-20 MHz CHANNEL 1, PEAK

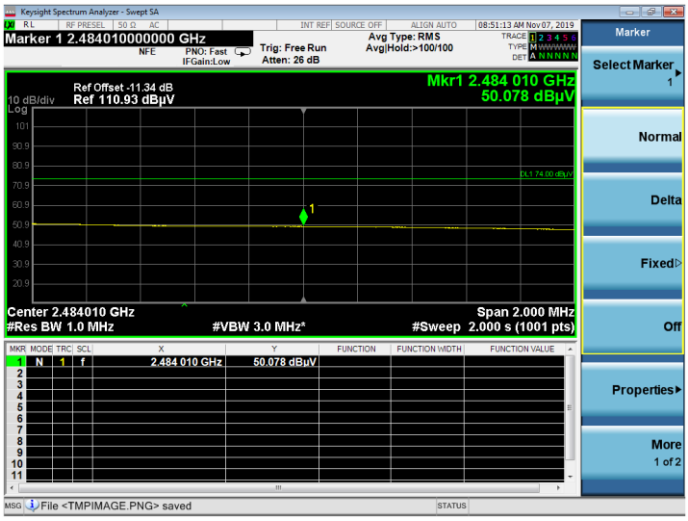


802.11n-20 MHz CHANNEL 1, AV



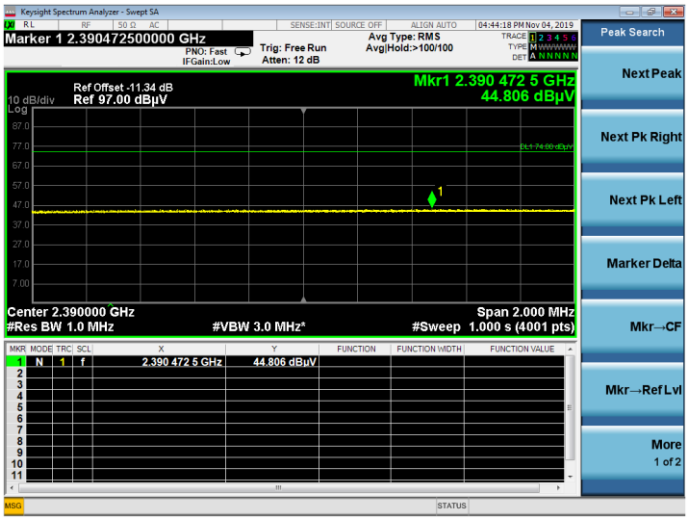
802.11n-20 MHz CHANNEL 11, PEAK

802.11n-20 MHz CHANNEL 11, AV

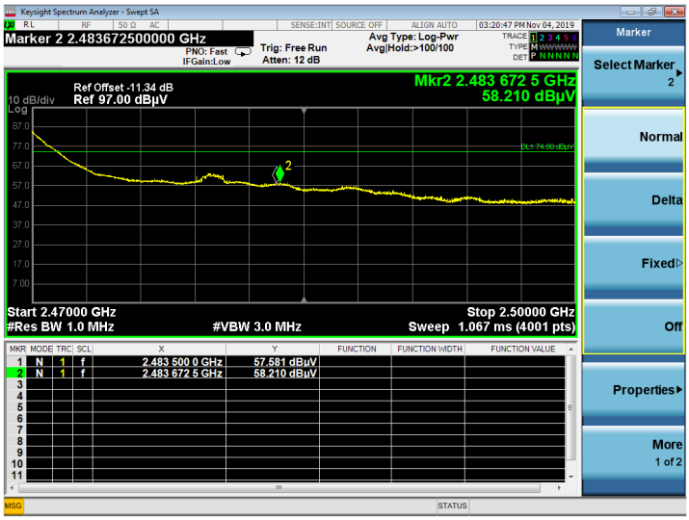


802.11n-40 MHz CHANNEL 3, PEAK

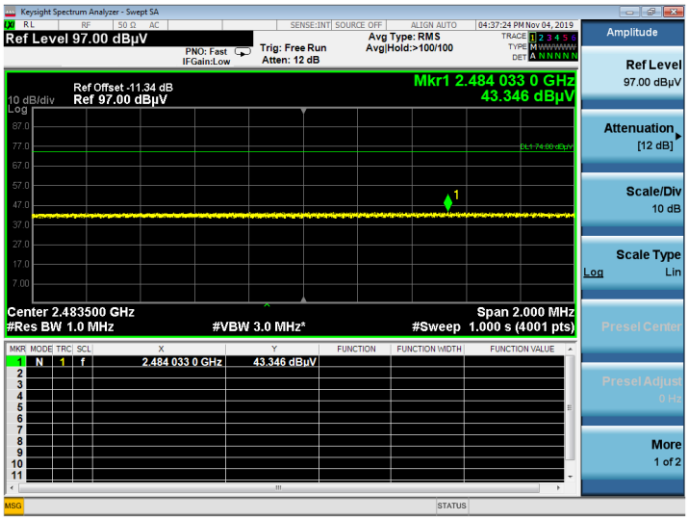
802.11n-40 MHz CHANNEL 3, AV



802.11n-40 MHz CHANNEL 9, PEAK



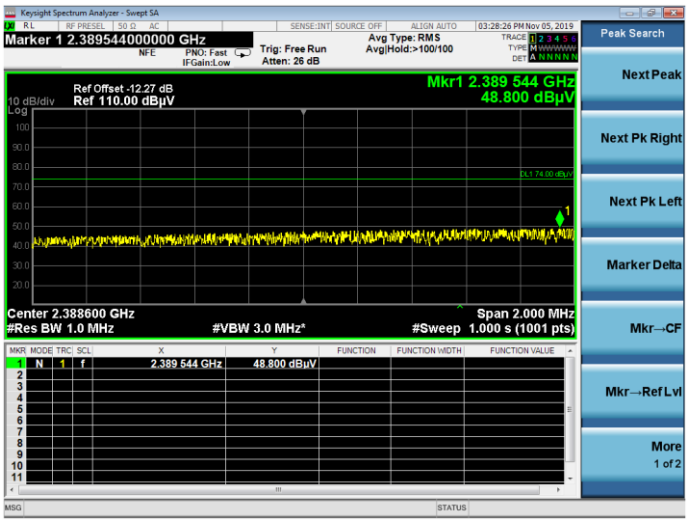
802.11n-40 MHz CHANNEL 9, AV



MIMO

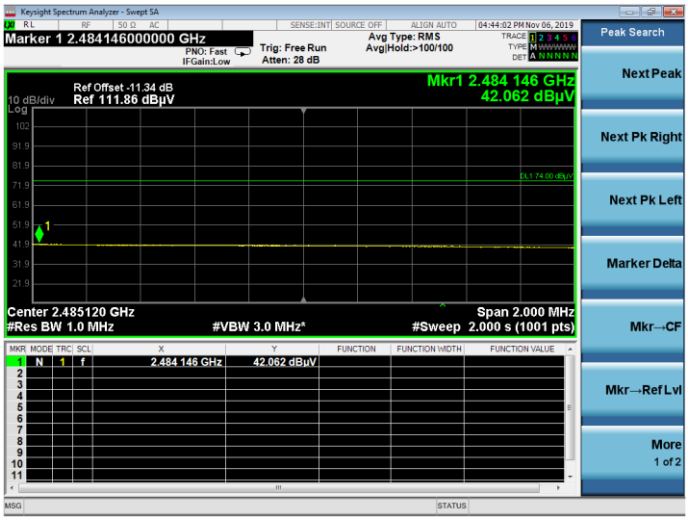
802.11n-20 MHz CHANNEL 1, PEAK

802.11n-20 MHz CHANNEL 1, AV



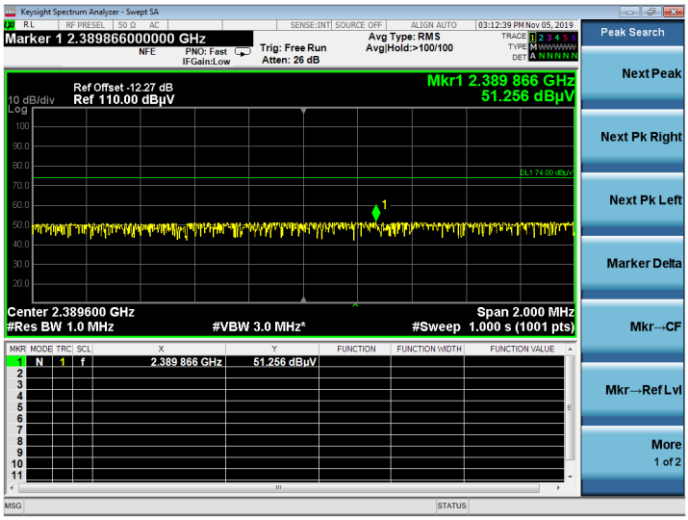
802.11n-20 MHz CHANNEL 11, PEAK

802.11n-20 MHz CHANNEL 11, AV

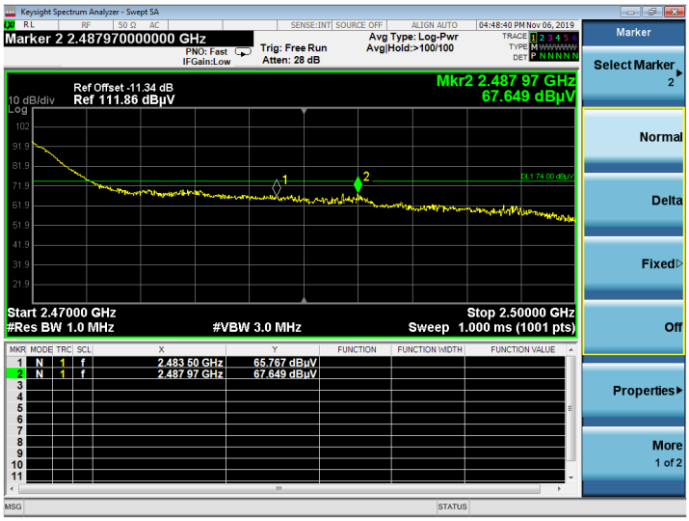


802.11n-40 MHz CHANNEL 3, PEAK

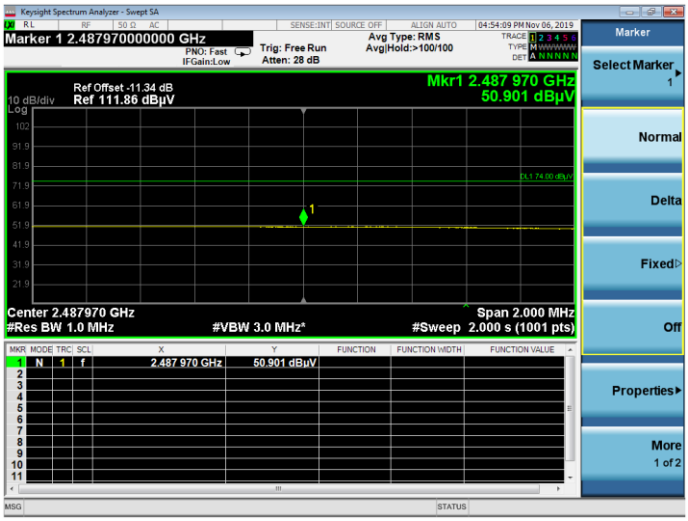
802.11n-40 MHz CHANNEL 3, AV



802.11n-40 MHz CHANNEL 9, PEAK



802.11n-40 MHz CHANNEL 9, AV



A.8 Power Spectral Density (PSD)

Test Data

SISO ANT0

802.11b Mode:

Channel	Measurement Value (dBm/3kHz)	Duty Factor （dB）	Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)
1	-14.43	0.27	-14.16	8
6	-14.27	0.27	-14.00	8
11	-15.07	0.27	-14.80	8

802.11g Mode:

Channel	Measurement Value (dBm/3kHz)	Duty Factor （dB）	Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)
1	-17.45	1.43	-16.02	8
6	-17.66	1.43	-16.23	8
11	-18.24	1.43	-16.81	8

802.11n-20 MHz Mode:

Channel	Measurement Value (dBm/3kHz)	Duty Factor （dB）	Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)
1	-17.29	1.55	-15.74	8
6	-17.86	1.55	-16.31	8
11	-18.15	1.55	-16.60	8

802.11n-40 MHz Mode:

Channel	Measurement Value (dBm/3kHz)	Duty Factor （dB）	Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)
3	-21.81	2.84	-18.97	8
6	-21.71	2.84	-18.87	8
9	-22.14	2.84	-19.30	8

SISO ANT1

802.11b Mode:

Channel	Measurement Value (dBm/3kHz)	Duty Factor （dB）	Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)
1	-14.24	0.27	-13.97	8
6	-15.19	0.27	-14.92	8
11	-15.86	0.27	-15.59	8

802.11g Mode:

Channel	Measurement Value (dBm/3kHz)	Duty Factor （dB）	Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)
1	-17.55	1.43	-16.12	8
6	-18.54	1.43	-17.11	8
11	-19.15	1.43	-17.72	8

802.11n-20 MHz Mode:

Channel	Measurement Value (dBm/3kHz)	Duty Factor （dB）	Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)
1	-17.44	1.49	-15.95	8
6	-17.99	1.49	-16.50	8
11	-18.97	1.49	-17.48	8

802.11n-40 MHz Mode:

Channel	Measurement Value (dBm/3kHz)	Duty Factor （dB）	Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)
3	-21.43	2.92	-18.51	8
6	-22.07	2.92	-19.15	8
9	-22.56	2.92	-19.64	8

MIMO

802.11n-20 MHz Mode:

Channel	ANT0 Measurement Value (dBm/3kHz)	ANT1 Measurement Value (dBm/3kHz)	Duty Factor（dB）	Total Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)
1	-20.84	-22.67	1.49	-17.16	8
6	-21.47	-23.65	1.49	-17.92	8
11	-22.07	-24.39	1.49	-18.58	8

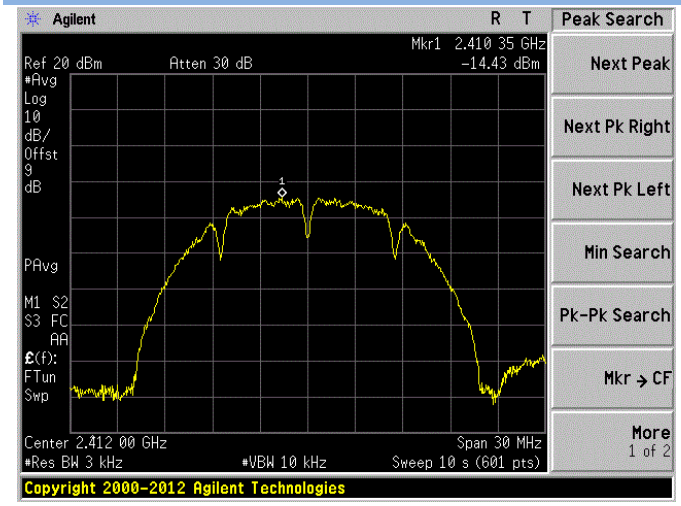
802.11n-40 MHz Mode:

Channel	ANT0 Measurement Value (dBm/3kHz)	ANT1 Measurement Value (dBm/3kHz)	Duty Factor（dB）	Total Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)
3	-27.88	-29.48	2.76	-22.84	8
6	-27.97	-30.03	2.76	-23.11	8
9	-28.37	-30.35	2.76	-23.48	8

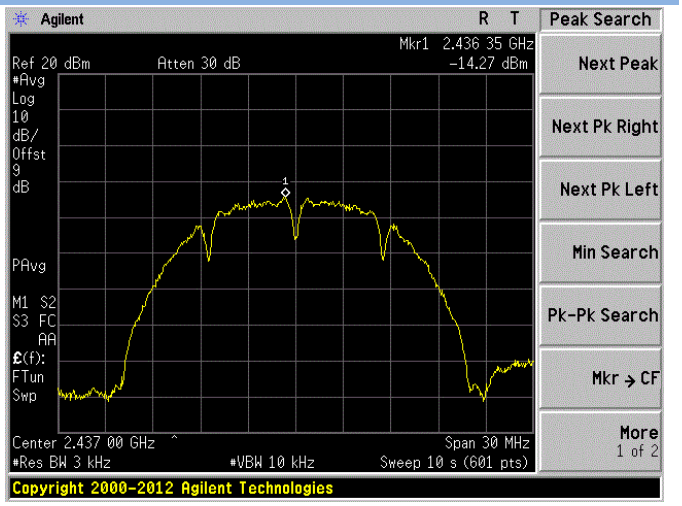
Test plots

SISO ANT0

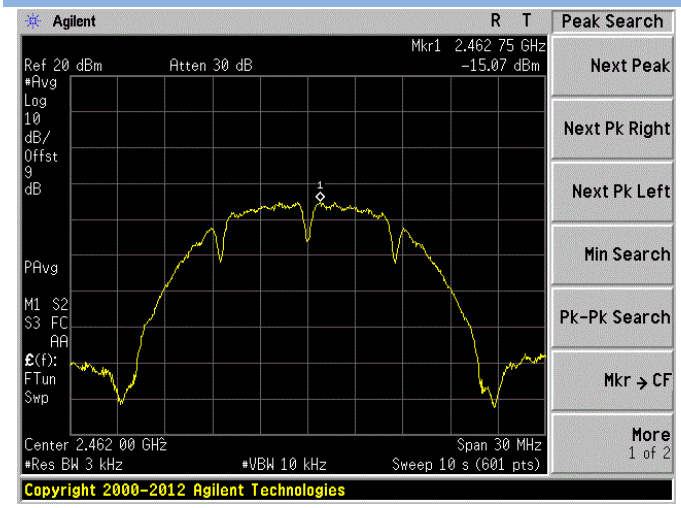
802.11b CHANNEL 1



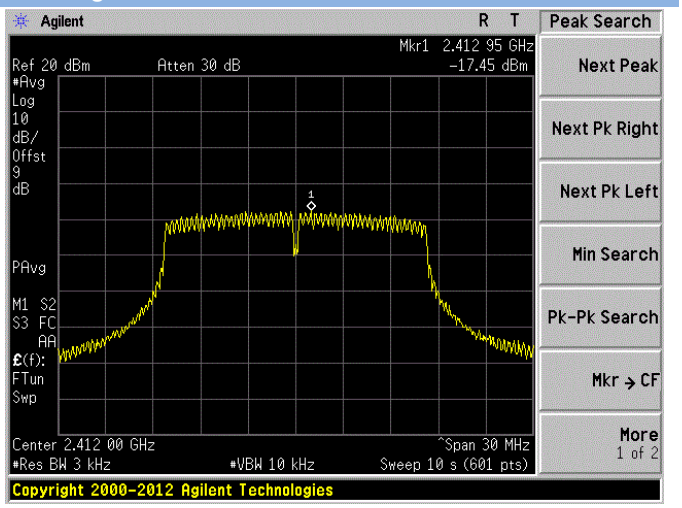
802.11b CHANNEL 6



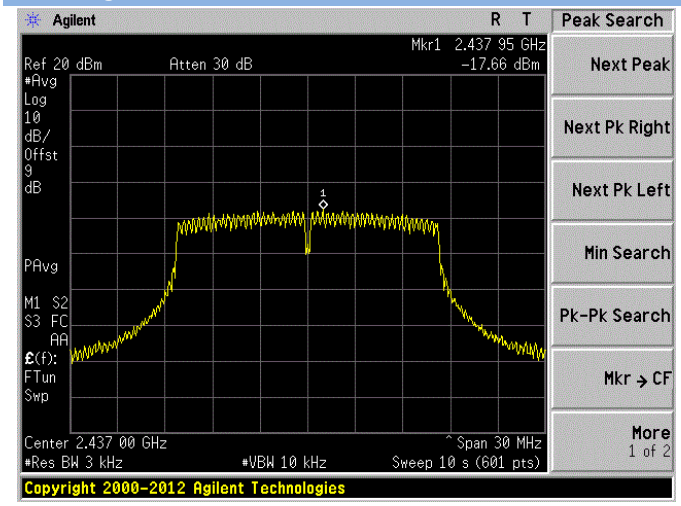
802.11b CHANNEL 11



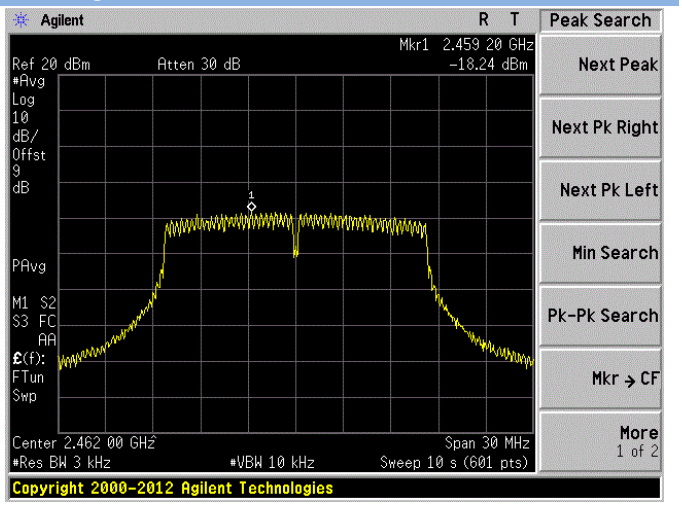
802.11g CHANNEL 1



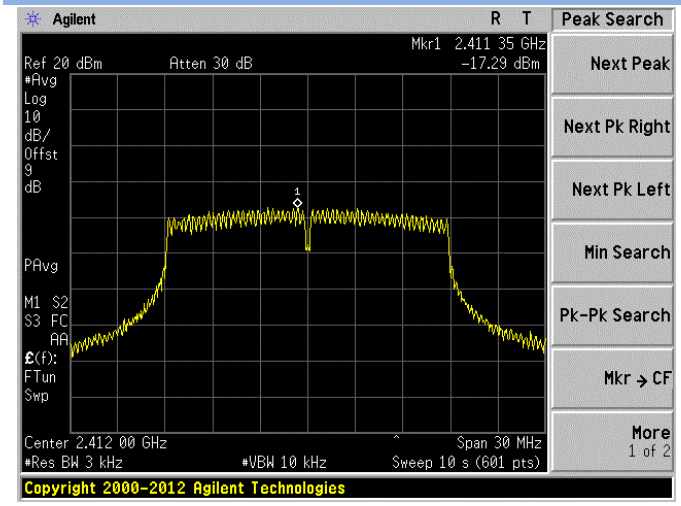
802.11g CHANNEL 6



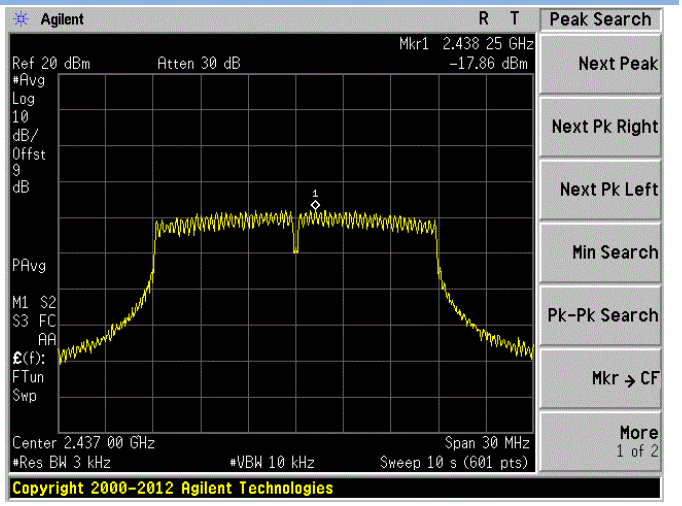
802.11g CHANNEL 11



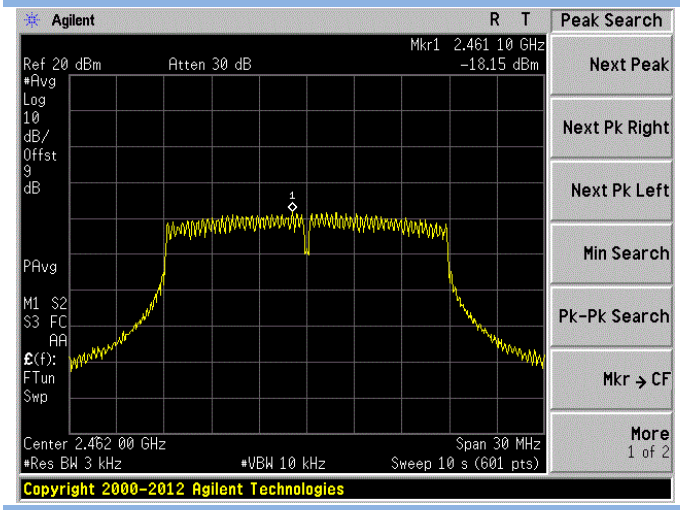
802.11n-20 MHz CHANNEL 1



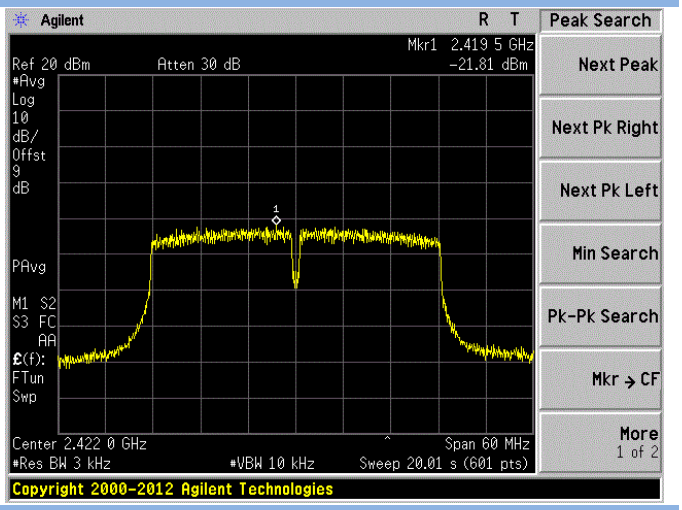
802.11 n-20 MHz CHANNEL 6



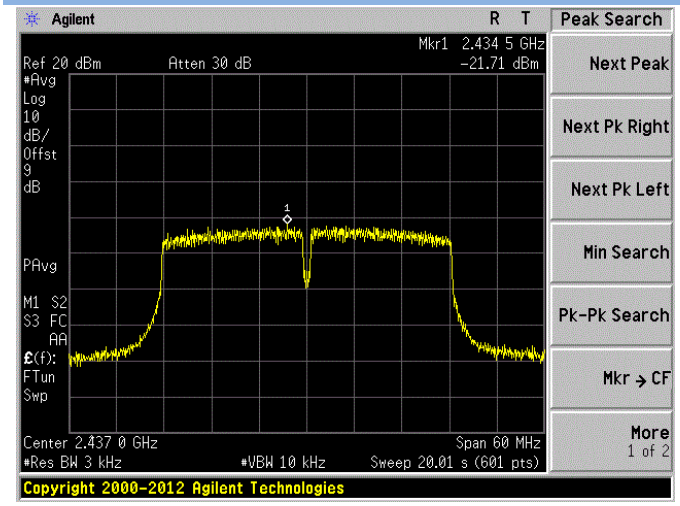
802.11n-20 MHz CHANNEL 11



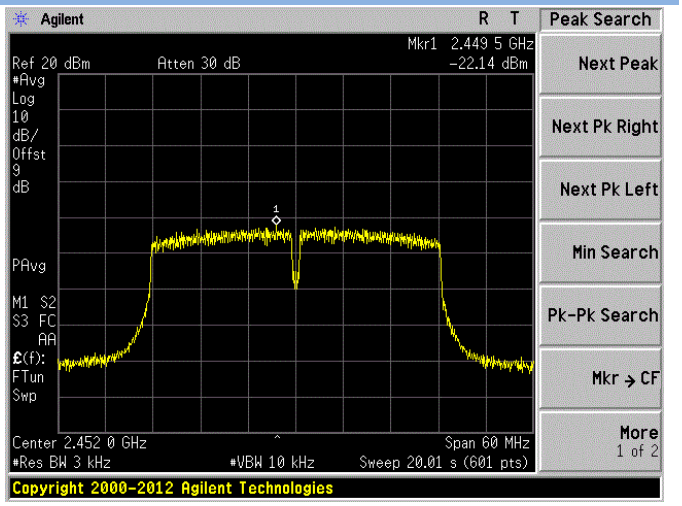
802.11 n-40 MHz CHANNEL 3



802.11n-20 MHz CHANNEL 6

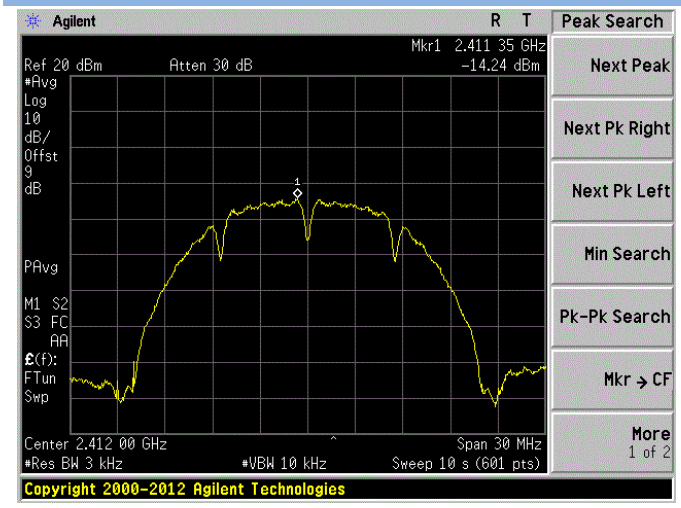


802.11 n-40 MHz CHANNEL 9

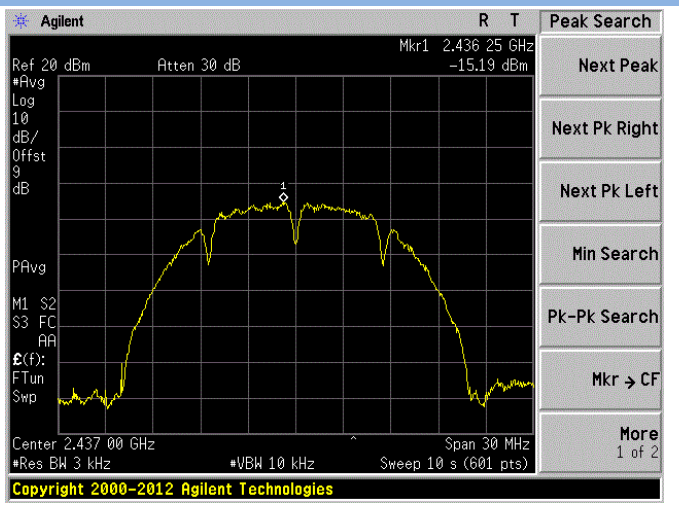


SISO ANT1

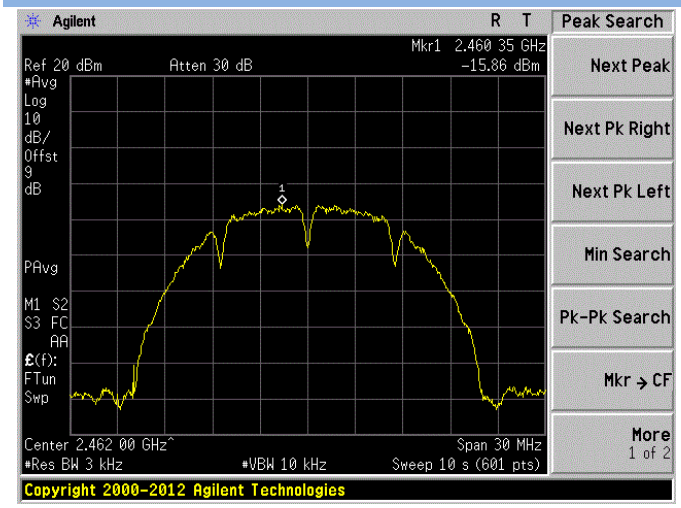
802.11b CHANNEL 1



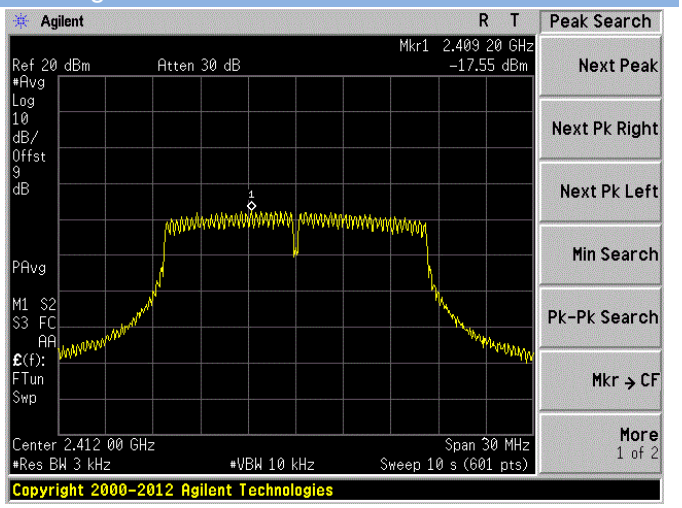
802.11b CHANNEL 6



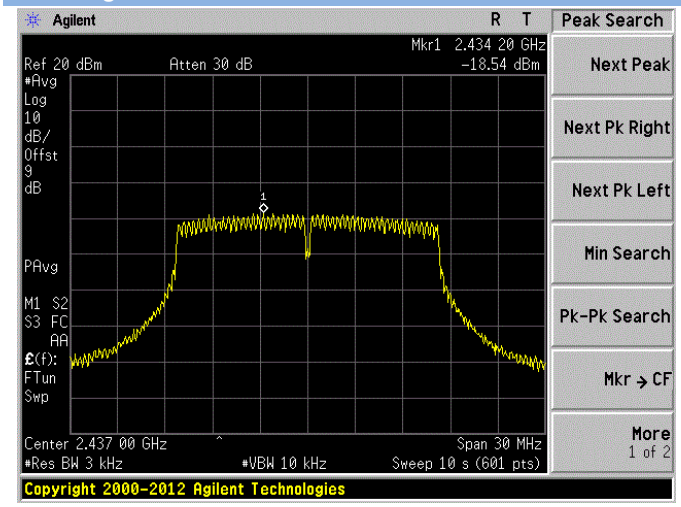
802.11b CHANNEL 11



802.11g CHANNEL 1



802.11g CHANNEL 6



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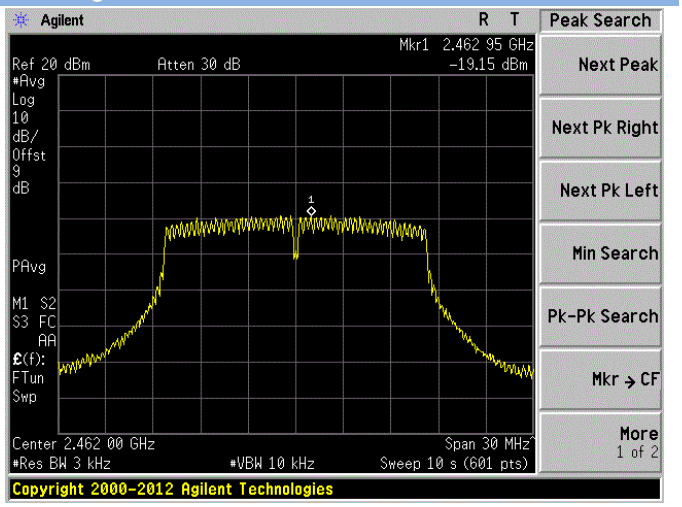
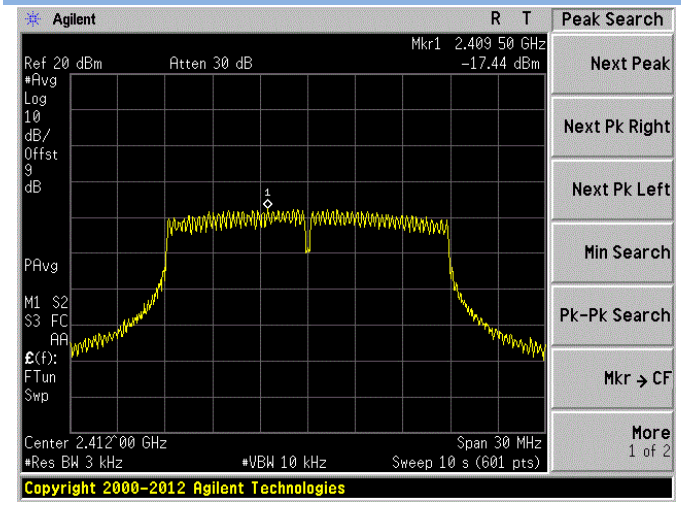
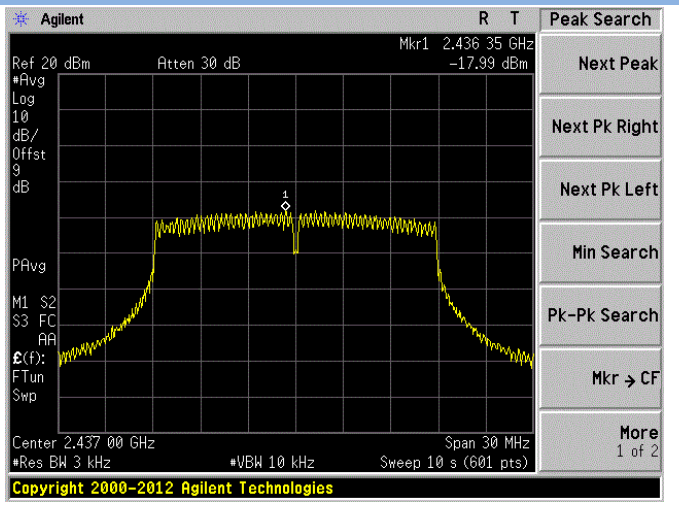


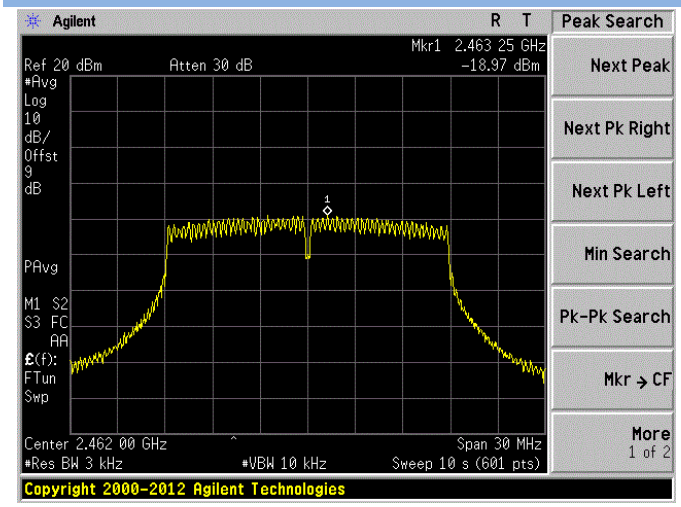
802.11n-20 MHz CHANNEL 1



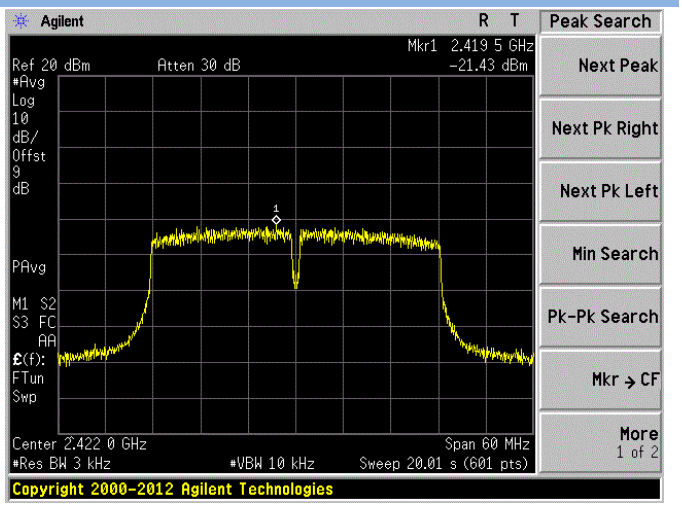
802.11n-20 MHz CHANNEL 6



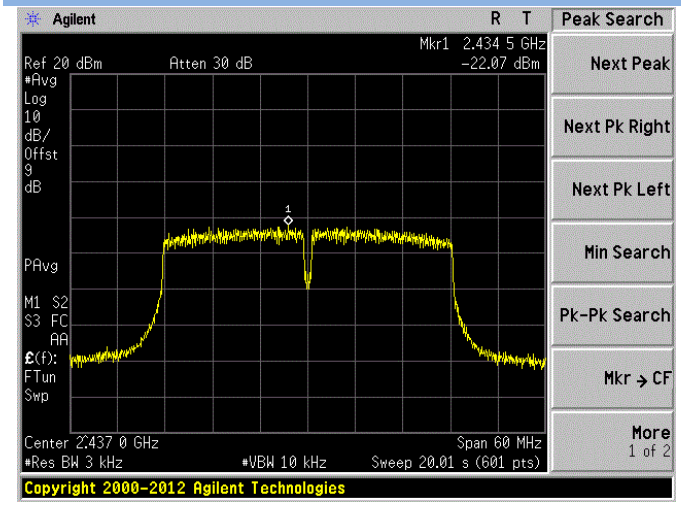
802.11n-20 MHz CHANNEL 11



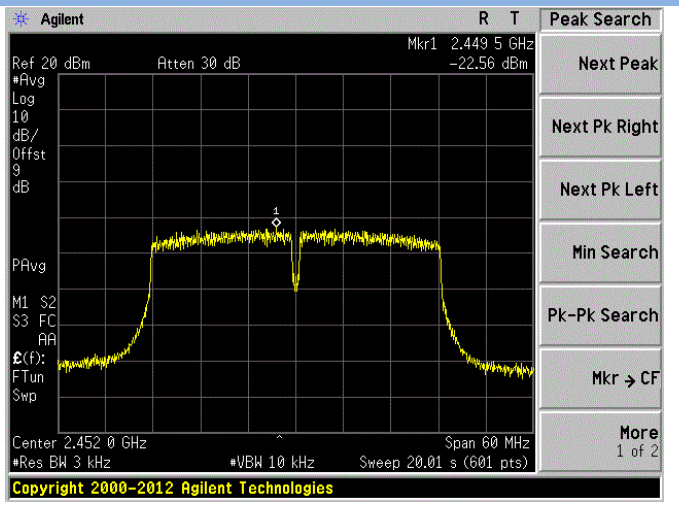
802.11n-40 MHz CHANNEL 3



802.11n-40 MHz CHANNEL 6

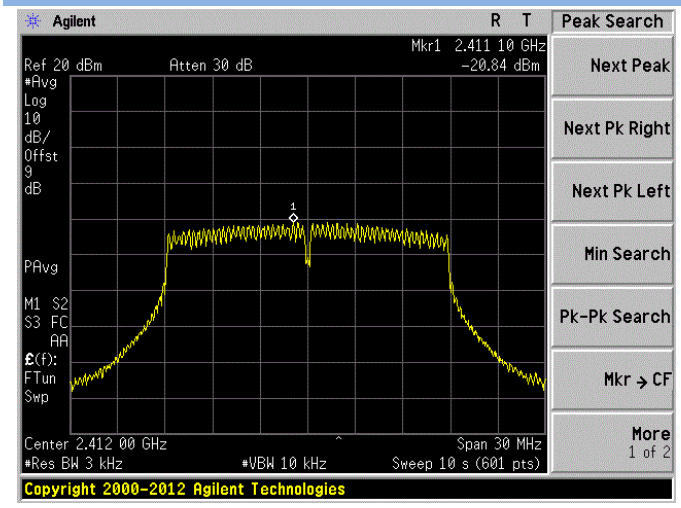


802.11n-40 MHz CHANNEL 9

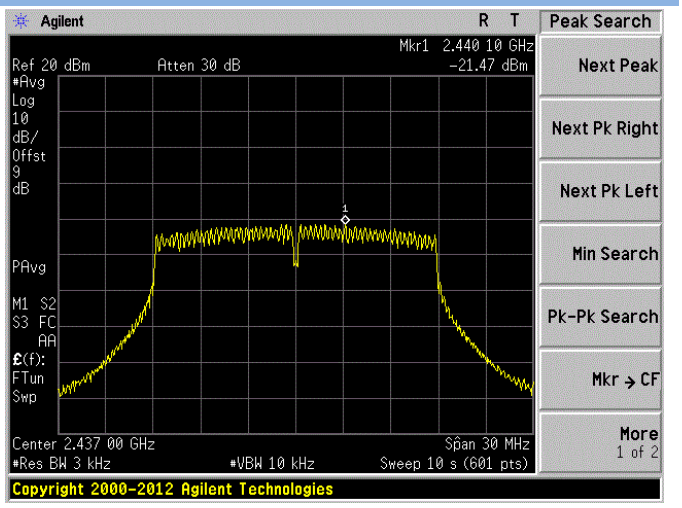


MIMO ANT0

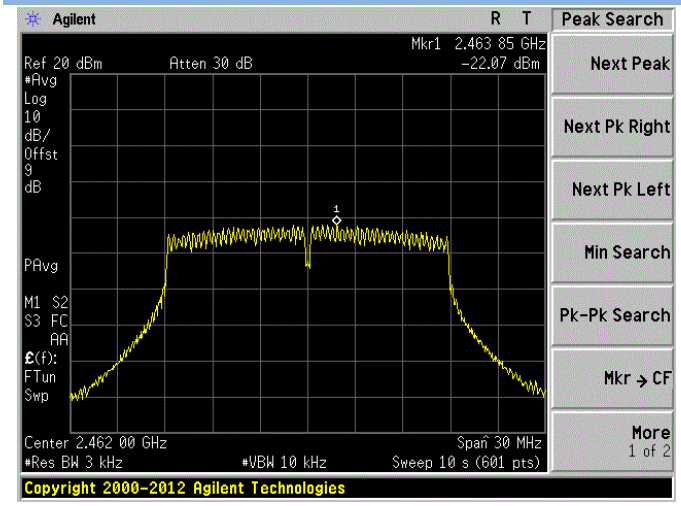
802.11n-20 MHz CHANNEL 1



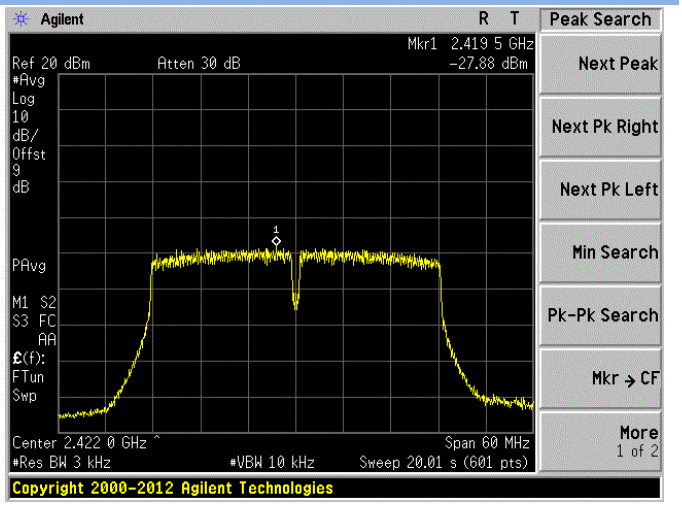
802.11n-20 MHz CHANNEL 6



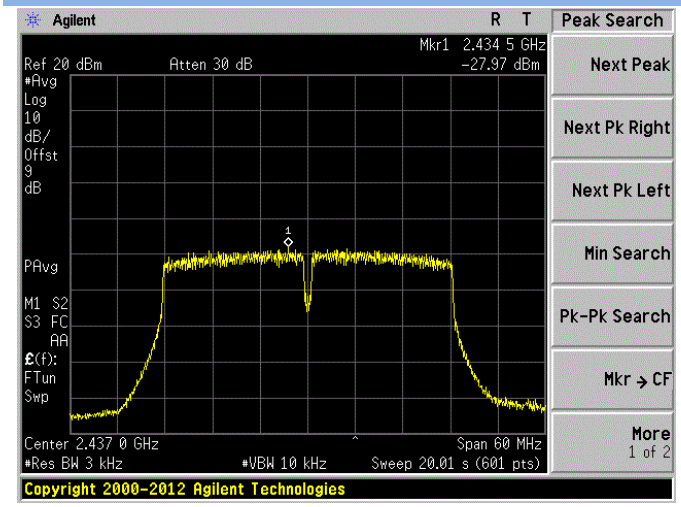
802.11n-20 MHz CHANNEL 11



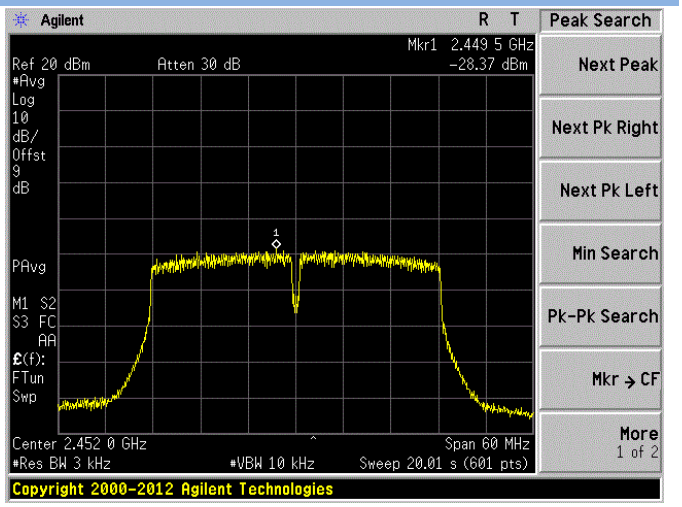
802.11n-40 MHz CHANNEL 3



802.11n-40 MHz CHANNEL 6



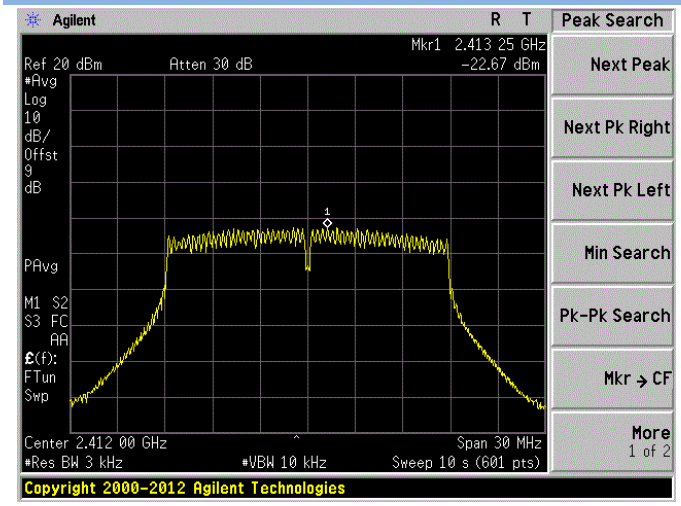
802.11n-40 MHz CHANNEL 9



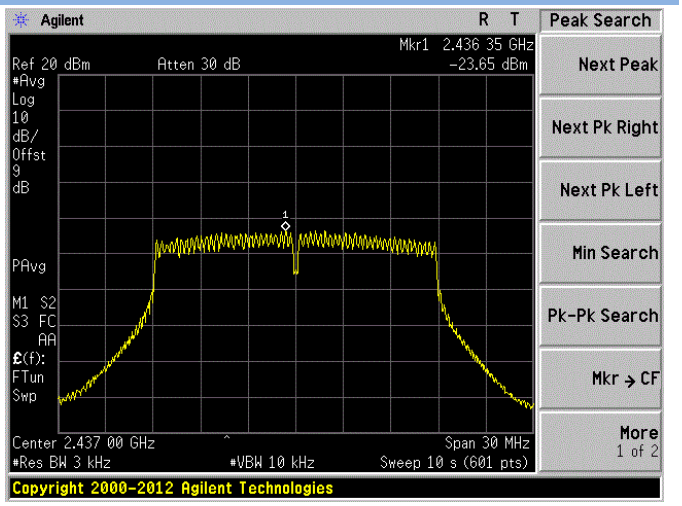
Test plots

MIMO ANT1

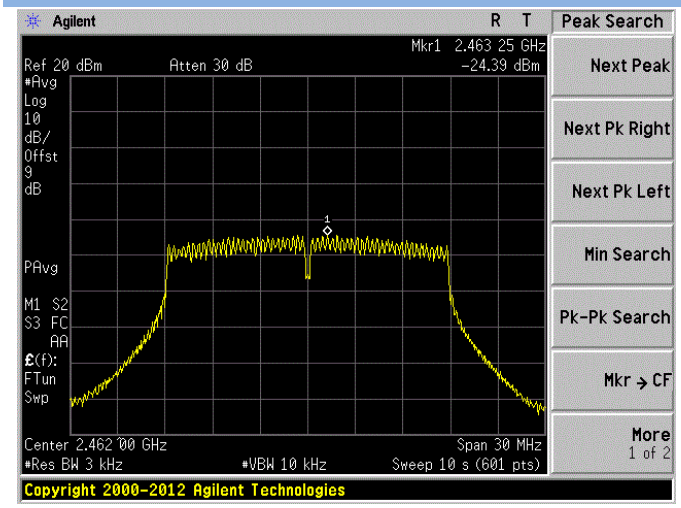
802.11n-20 MHz CHANNEL 1



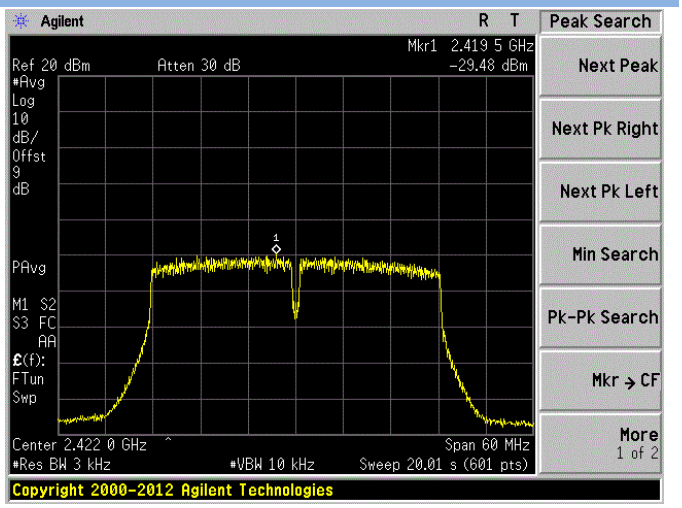
802.11n-20 MHz CHANNEL 6



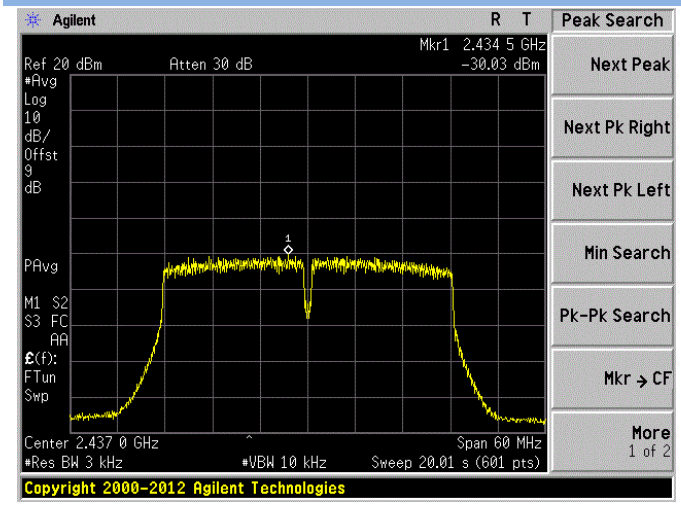
802.11n-20 MHz CHANNEL 11



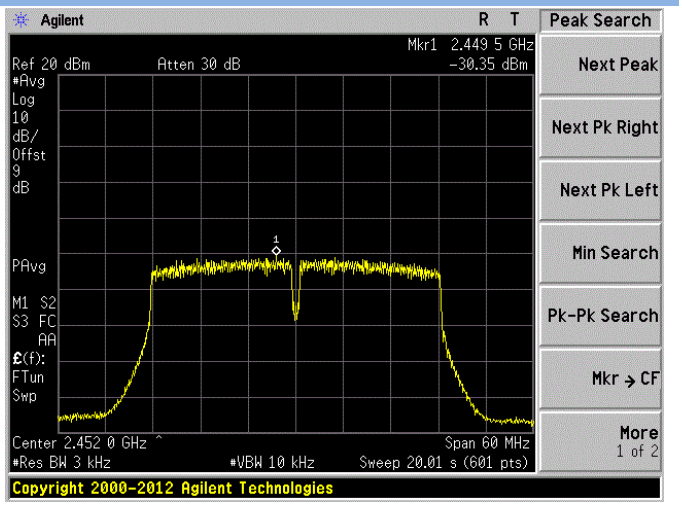
802.11n-40 MHz CHANNEL 3



802.11n-40 MHz CHANNEL 6



802.11n-40 MHz CHANNEL 9



ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-EC19A0003-AR.pdf”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-EC19A0003-AW.pdf”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-EC19A0003-AI.pdf”.

--END OF REPORT--