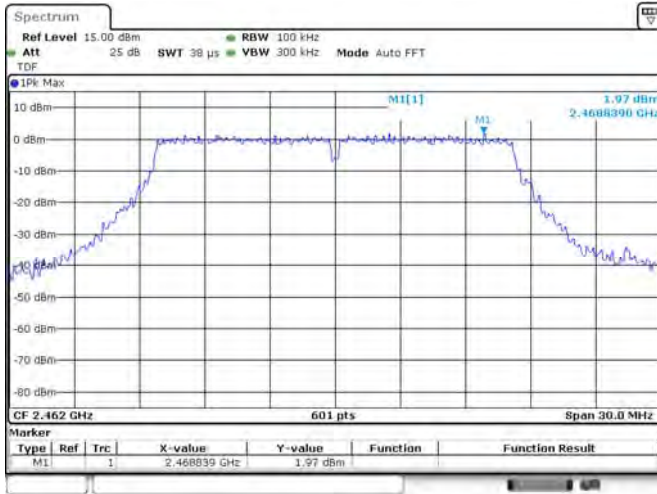
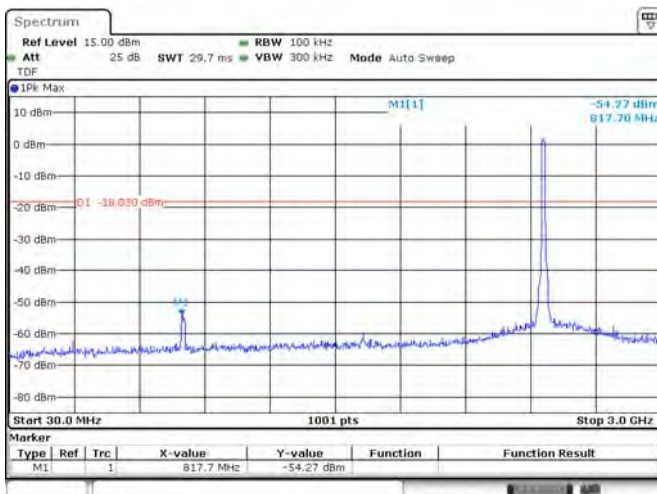


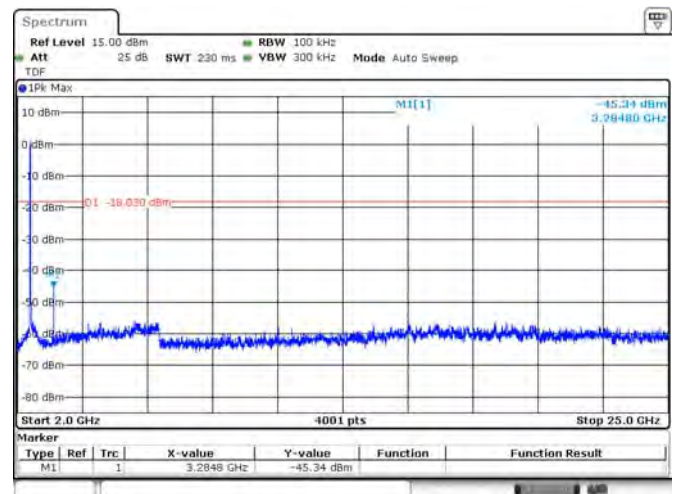
802.11g HIGH CHANNEL CARRIER LEVEL



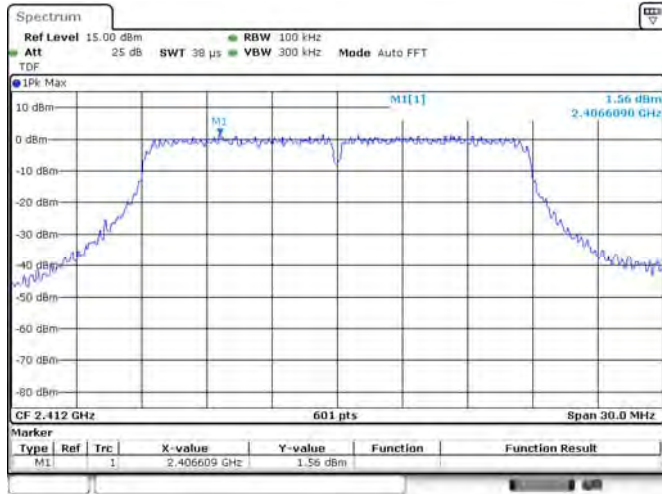
802.11g HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



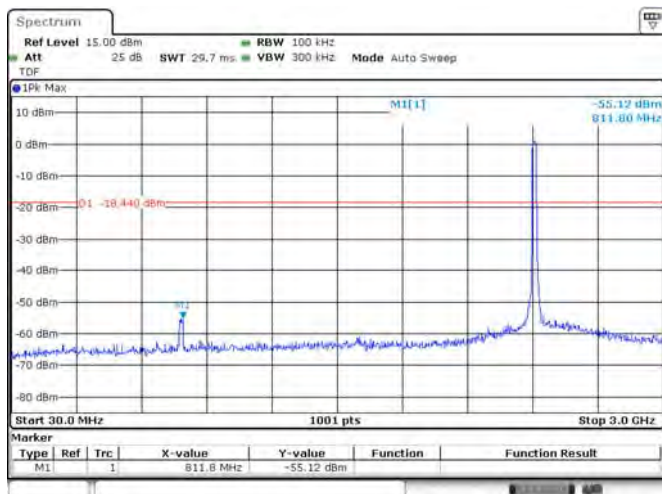
802.11g HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



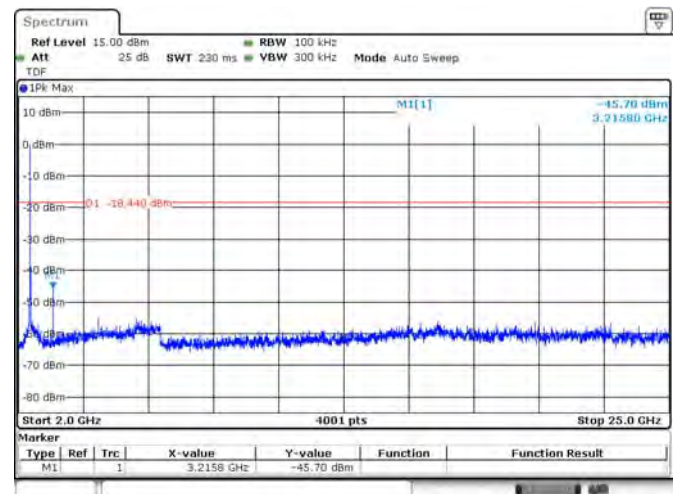
802.11n-20 LOW CHANNEL CARRIER LEVEL



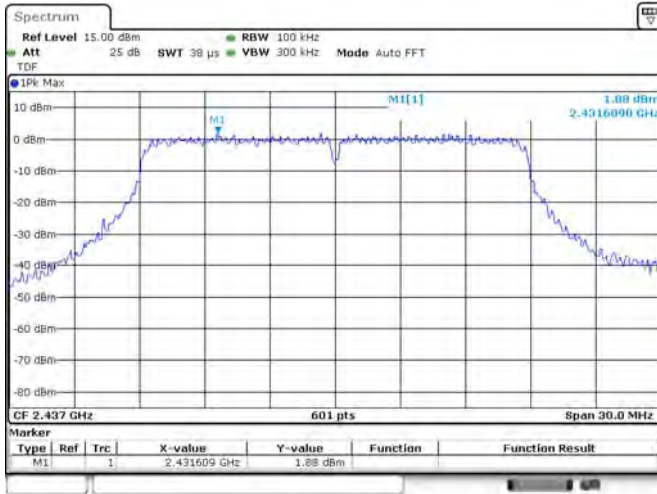
802.11n-20 LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



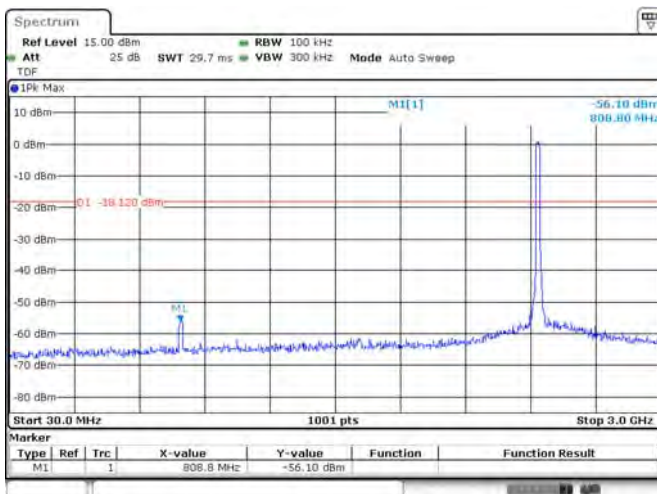
802.11n-20 LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



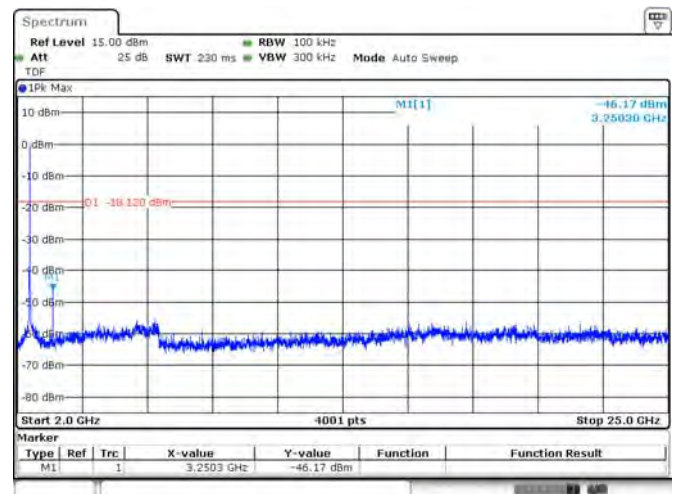
802.11n-20 MIDDLE CHANNEL CARRIER LEVEL



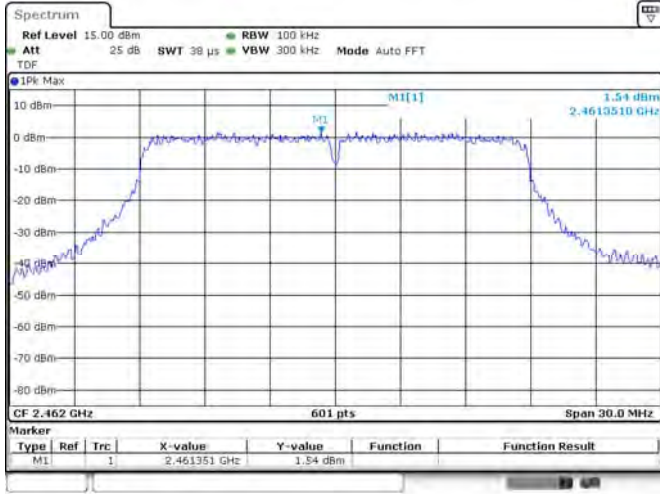
802.11n-20 MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



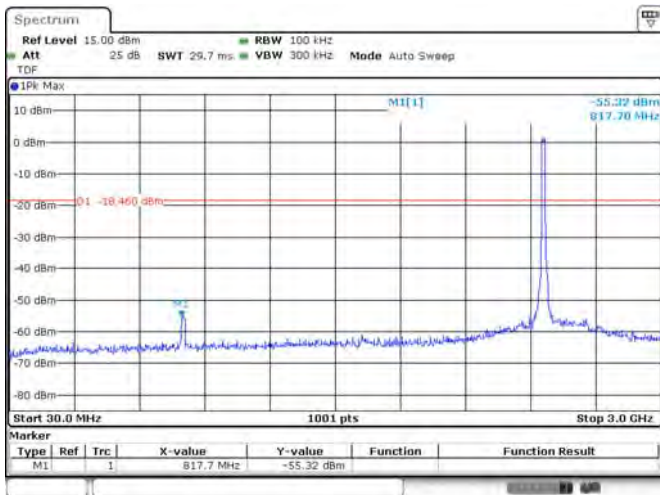
802.11n-20 MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



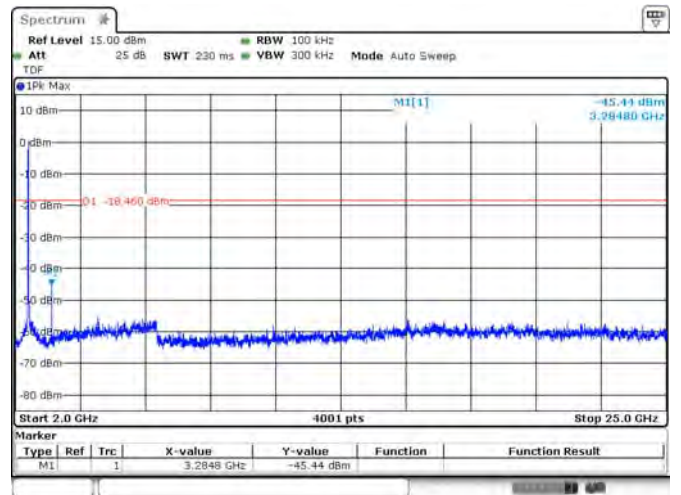
802.11n-20 HIGH CHANNEL CARRIER LEVEL



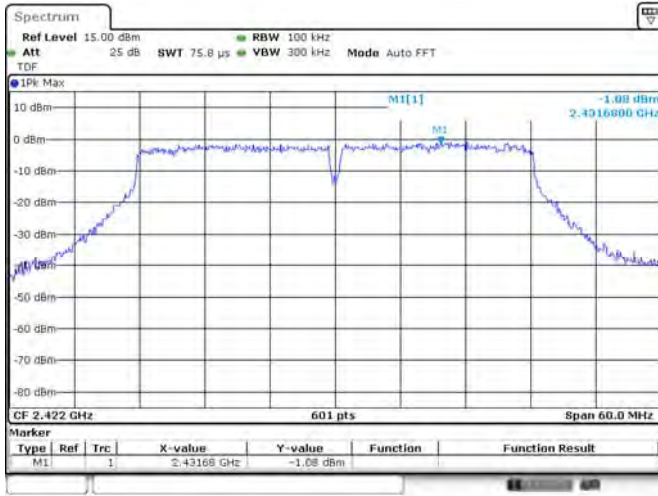
802.11n-20 HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



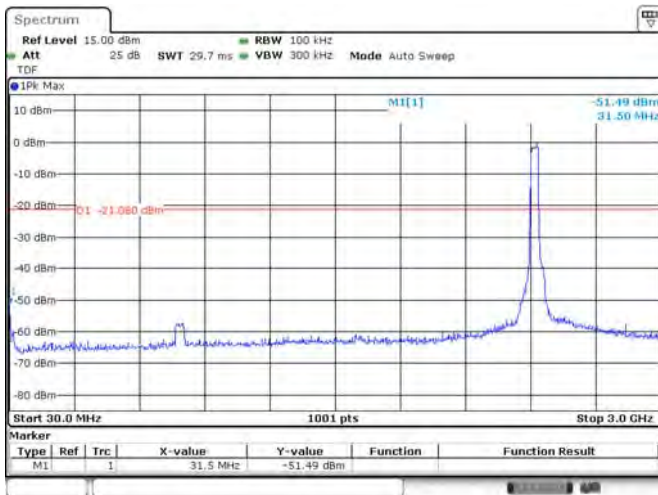
802.11n-20 HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



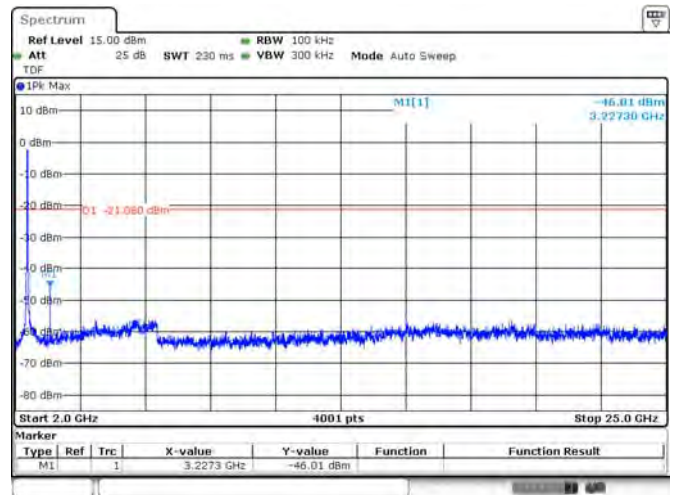
802.11n-40 LOW CHANNEL CARRIER LEVEL



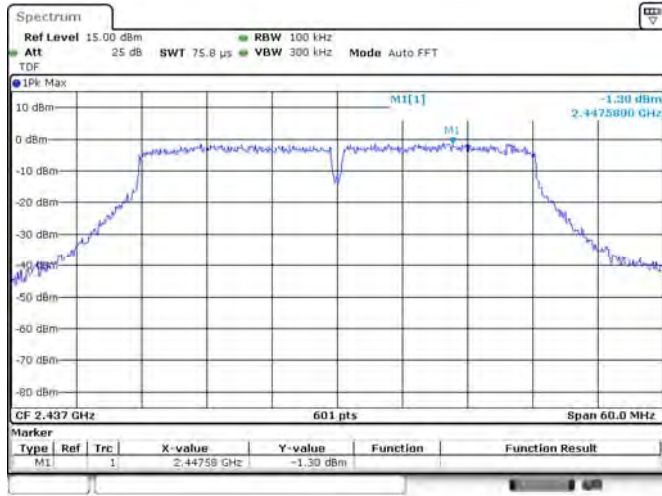
802.11n-40 LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



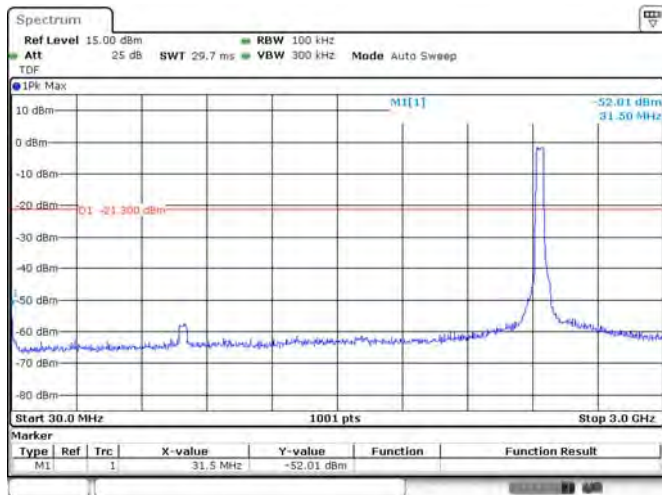
802.11n-40 LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



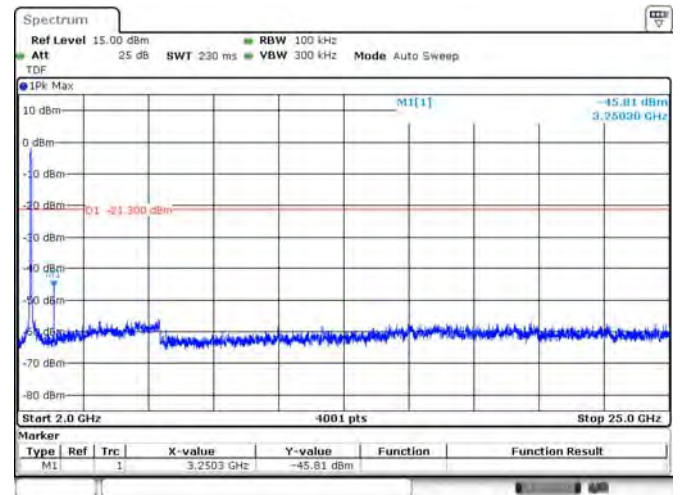
802.11n-40 MIDDLE CHANNEL CARRIER LEVEL



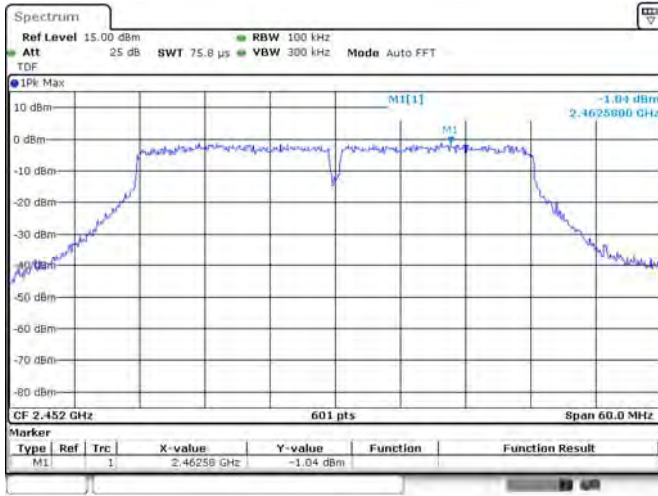
802.11n-40 MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



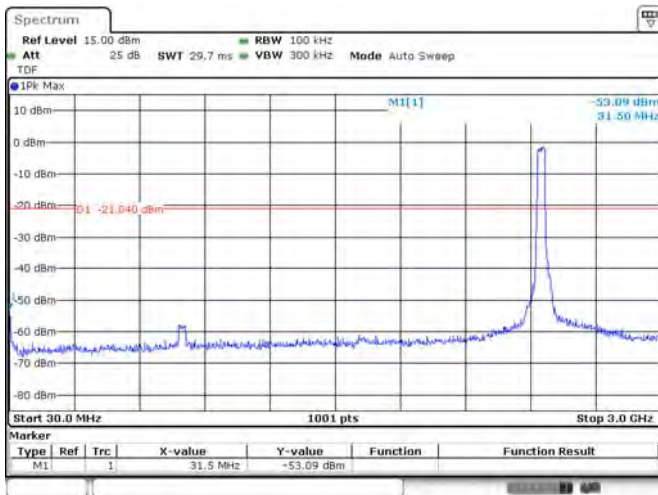
802.11n-40 MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



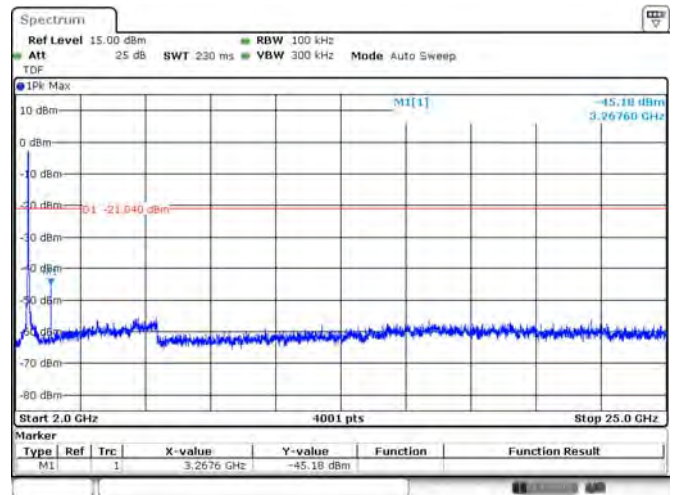
802.11n-40 HIGH CHANNEL CARRIER LEVEL



802.11n-40 HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



802.11n-40 HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



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

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

AP Module

Test Data

Main Antenna

802.11b Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-39.18	6.48	-13.52	Pass
High Channel	-46.55	6.14	-13.86	Pass

802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-33.04	2.47	-17.53	Pass
High Channel	-43.46	1.39	-18.61	Pass

802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-33.84	2.63	-17.37	Pass
High Channel	-43.68	0.80	-19.20	Pass

802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-38.63	-0.91	-20.91	Pass
High Channel	-44.26	-3.19	-23.19	Pass

Aux. Antenna

802.11b Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-37.03	6.08	-13.92	Pass
High Channel	-44.07	6.25	-13.75	Pass

802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-35.36	4.15	-15.85	Pass
High Channel	-41.22	3.24	-16.76	Pass

802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-36.49	3.29	-16.71	Pass
High Channel	-41.66	3.00	-17.00	Pass

802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-40.13	-1.67	-21.67	Pass
High Channel	-41.18	-0.40	-20.40	Pass

MIMO-Main Antenna

802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-40.69	0.67	-19.33	Pass
High Channel	-45.50	0.35	-19.65	Pass

802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-45.88	-4.72	-24.72	Pass
High Channel	-44.48	-3.24	-23.24	Pass

MIMO-Aux. Antenna

802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-37.26	1.63	-18.37	Pass
High Channel	-45.48	1.50	-18.50	Pass

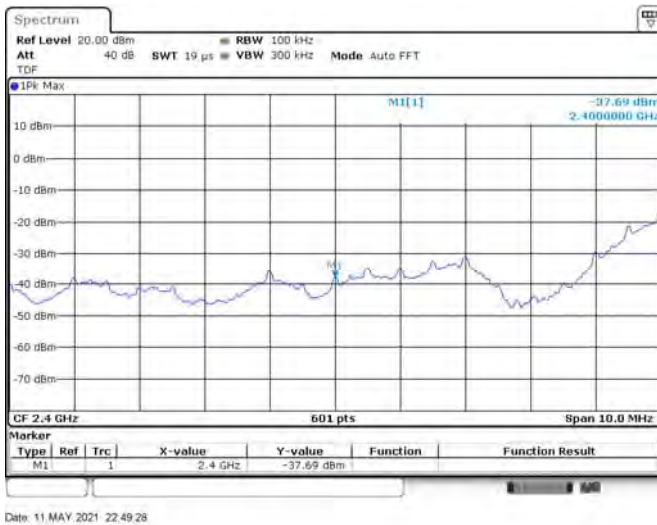
802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-40.55	-2.81	-22.81	Pass
High Channel	-44.72	-1.37	-21.37	Pass

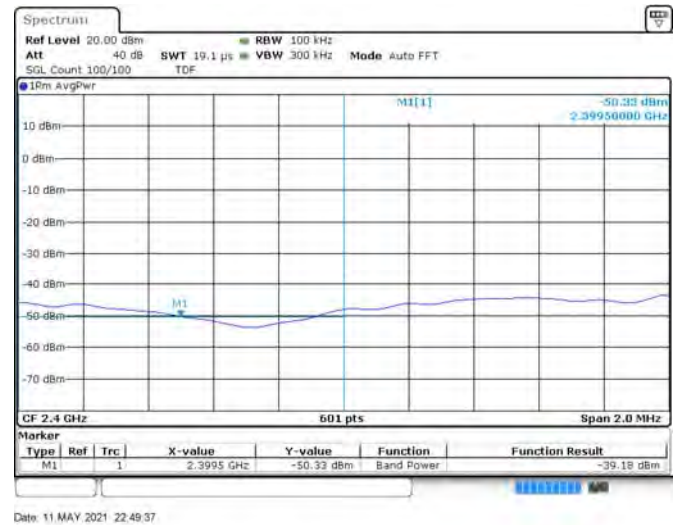
Test Plots

Main Antenna

802.11b LOW CHANNEL, Carrier level



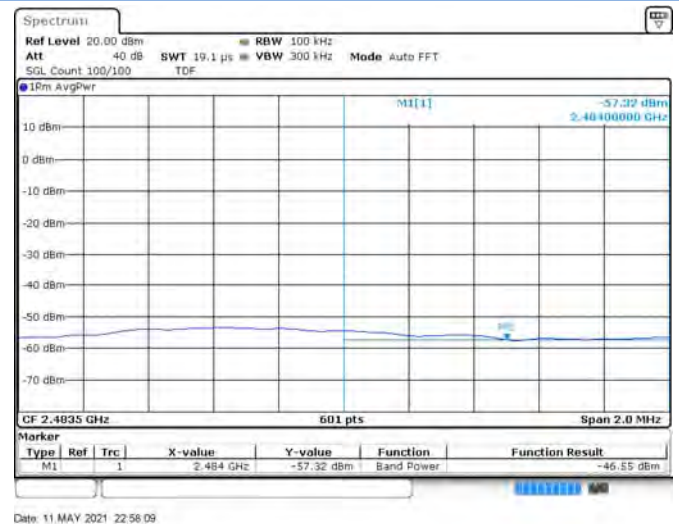
802.11b LOW CHANNEL, Reference level



802.11b HIGH CHANNEL, Carrier level



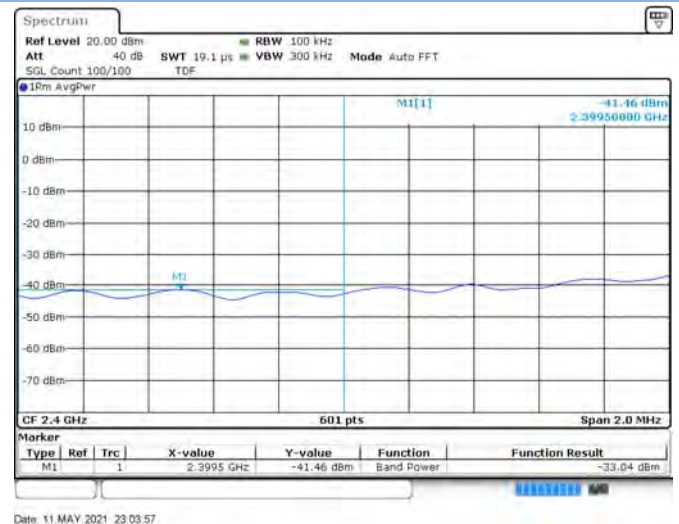
802.11b HIGH CHANNEL, Reference level



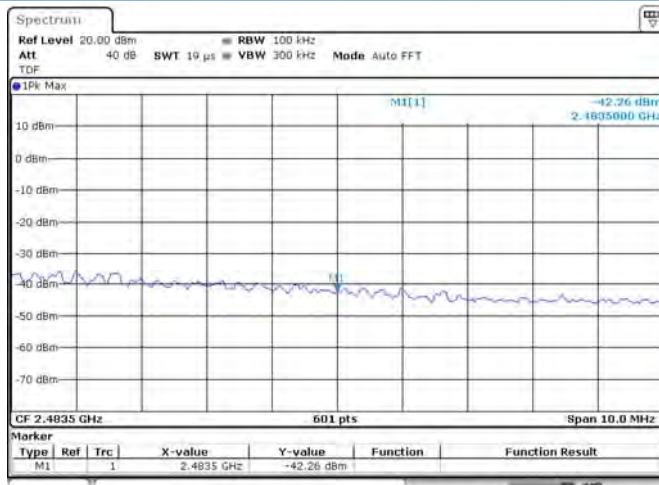
802.11g LOW CHANNEL, Carrier level



802.11g LOW CHANNEL, Reference level

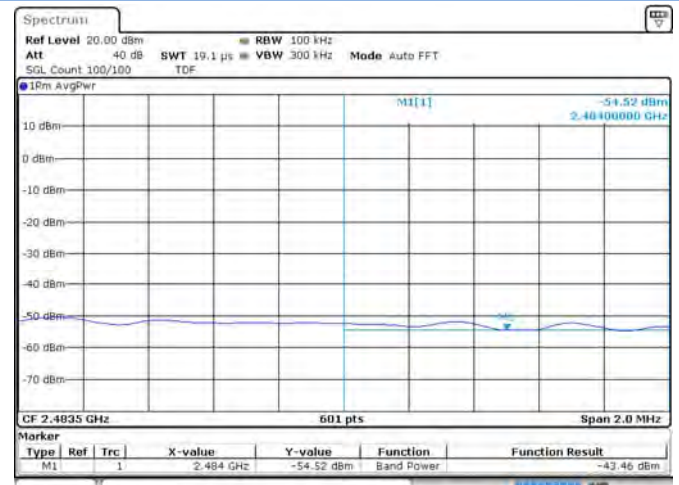


802.11g HIGH CHANNEL, Carrier level



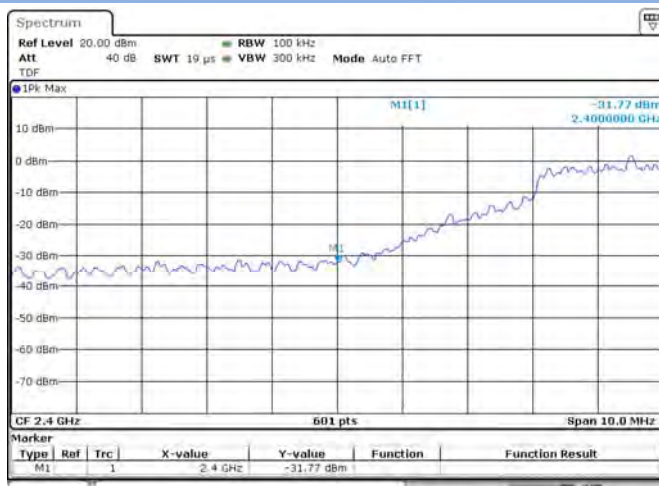
Date: 11 MAY 2021 23:11:10

802.11g HIGH CHANNEL, Reference level



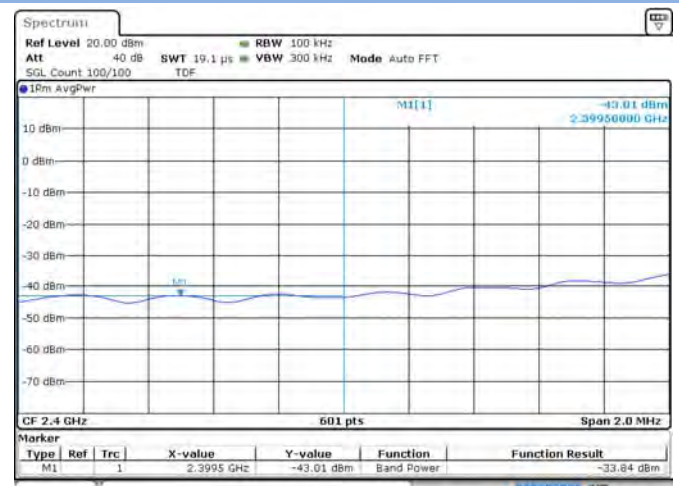
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802.11n-20 MHz LOW CHANNEL, Carrier level



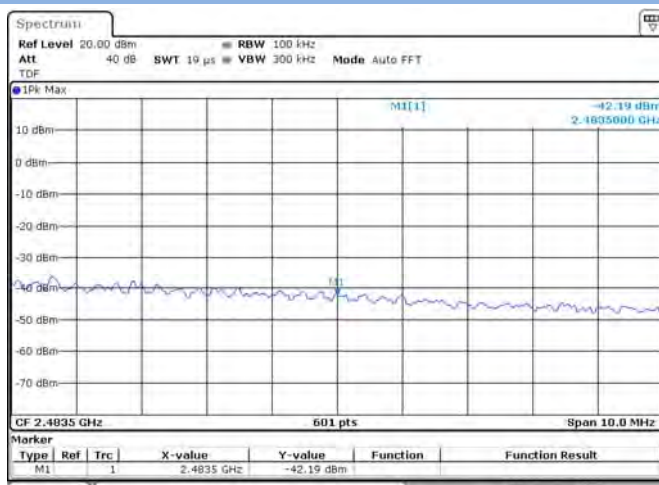
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802.11n-20 MHz LOW CHANNEL, Reference level



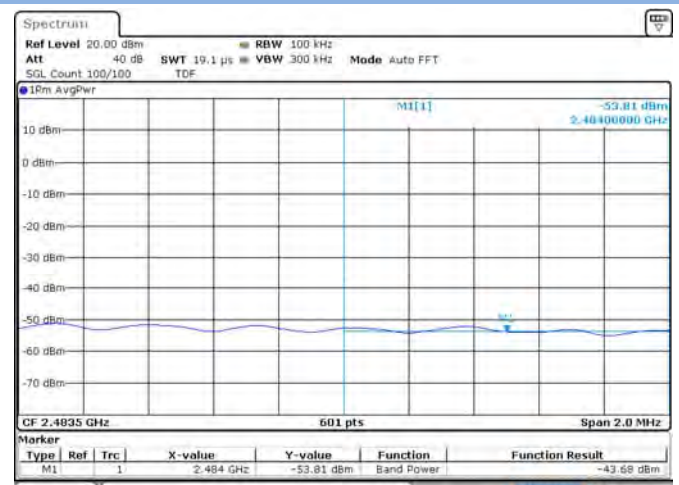
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802.11n-20 MHz HIGH CHANNEL, Carrier level



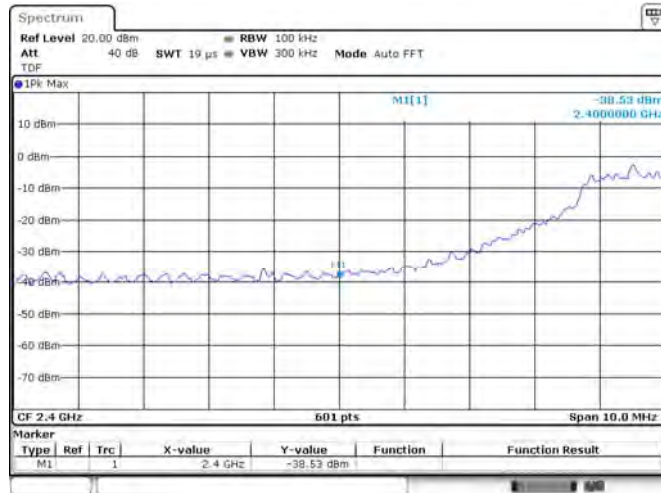
Date: 11 MAY 2021 23:22:24

802.11n-20 MHz HIGH CHANNEL, Reference level



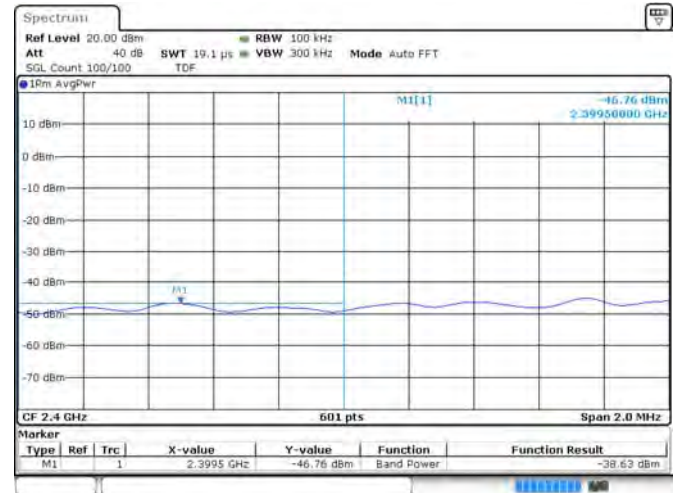
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802.11n-40 MHz LOW CHANNEL, Carrier level



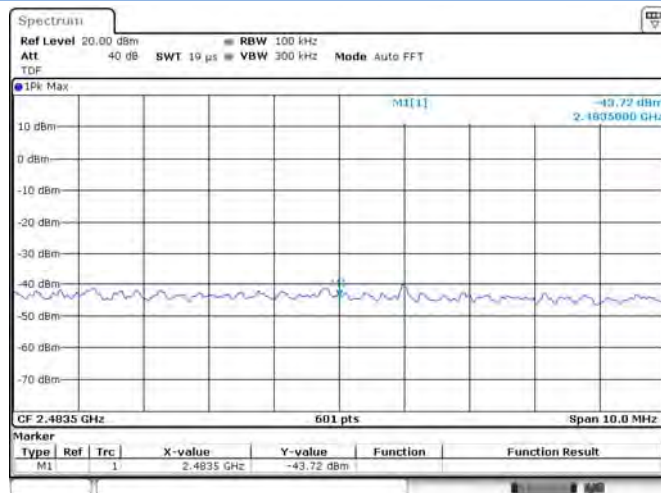
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802.11n-40 MHz LOW CHANNEL, Reference level



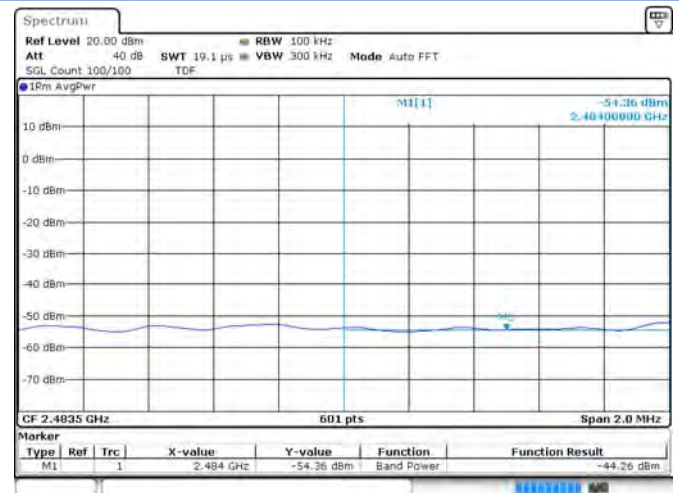
Date: 11 MAY 2021 23:28:35

802.11n-40 MHz HIGH CHANNEL, Carrier level



Date: 11 MAY 2021 23:33:55

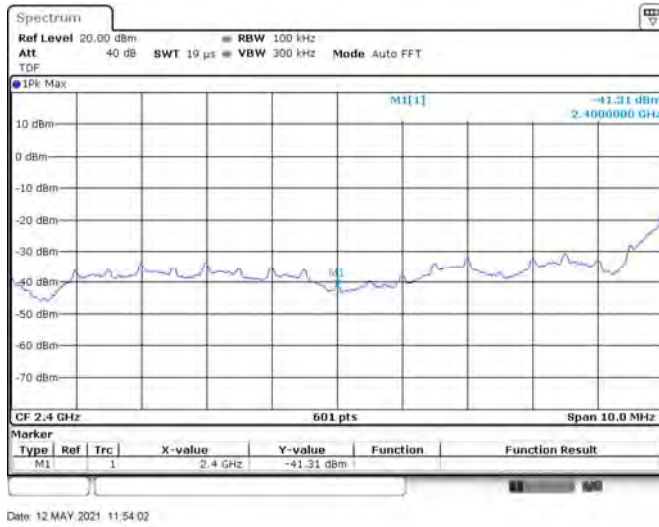
802.11n-40 MHz HIGH CHANNEL, Reference level



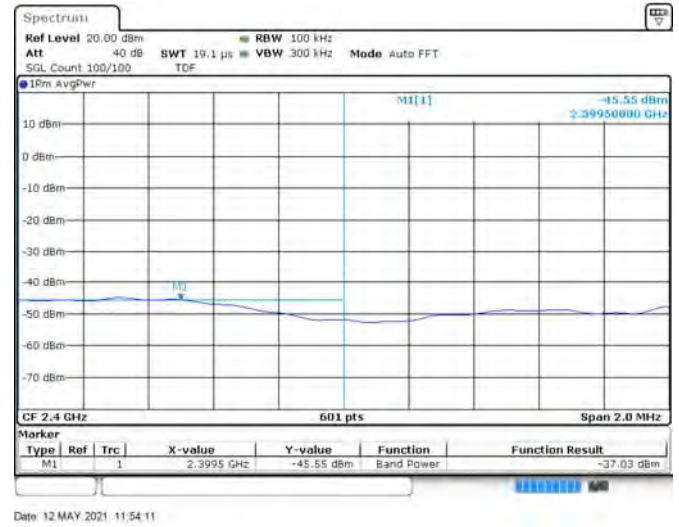
Date: 11 MAY 2021 23:34:01

Aux. Antenna

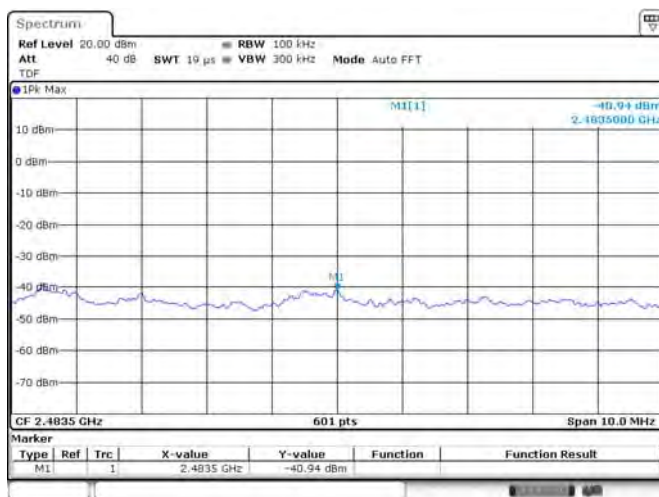
802.11b LOW CHANNEL, Carrier level



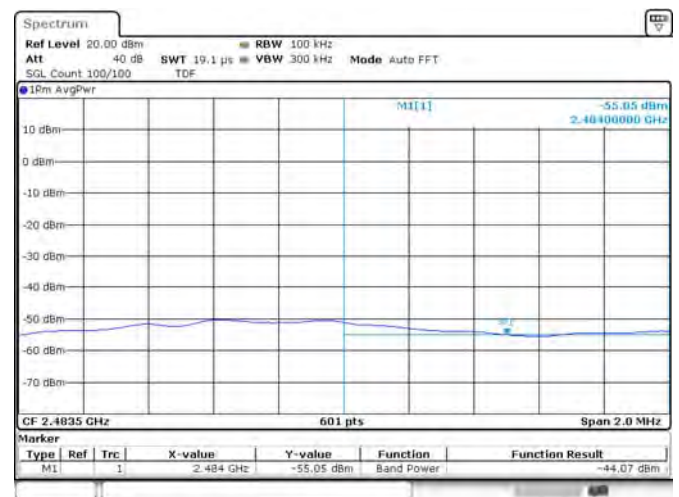
802.11b LOW CHANNEL, Reference level



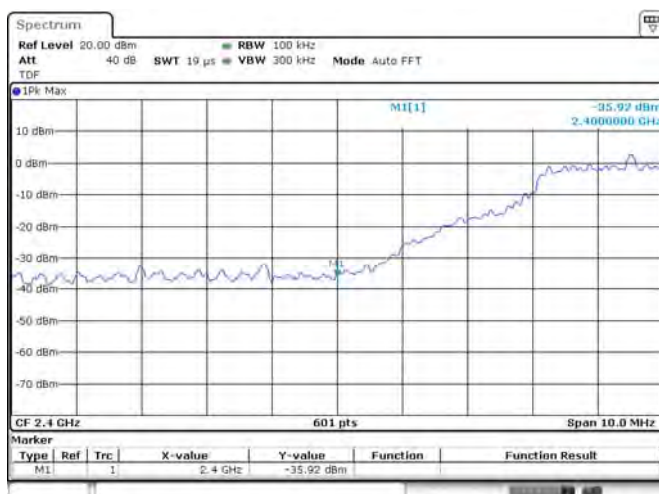
802.11b HIGH CHANNEL, Carrier level



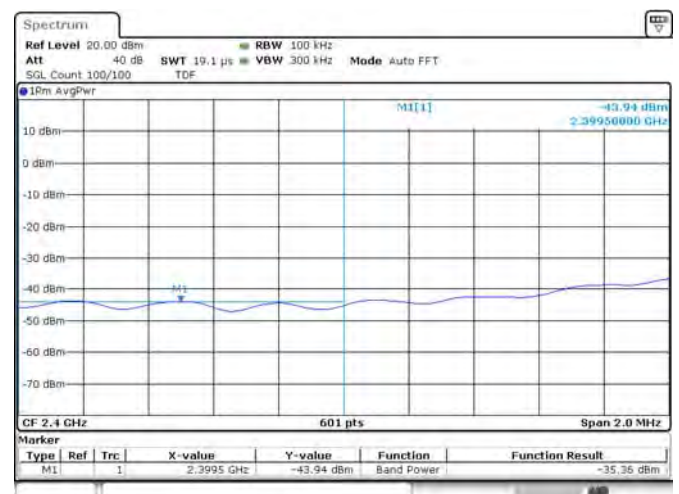
802.11b HIGH CHANNEL, Reference level



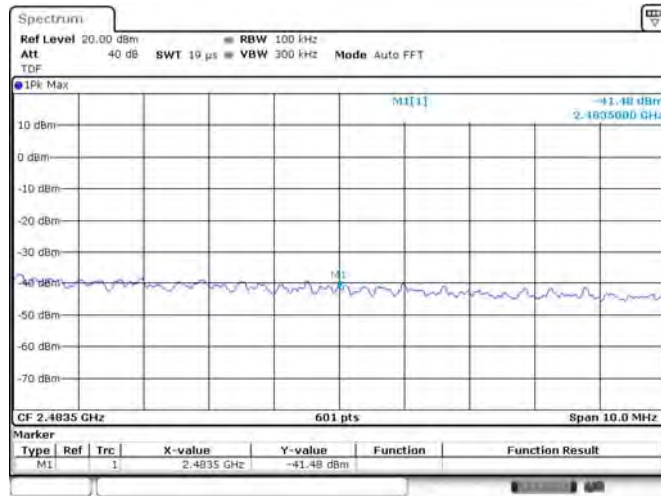
802.11g LOW CHANNEL, Carrier level



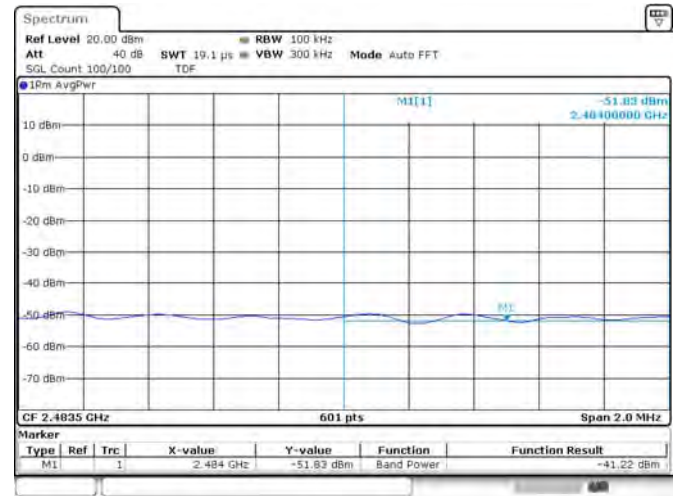
802.11g LOW CHANNEL, Reference level



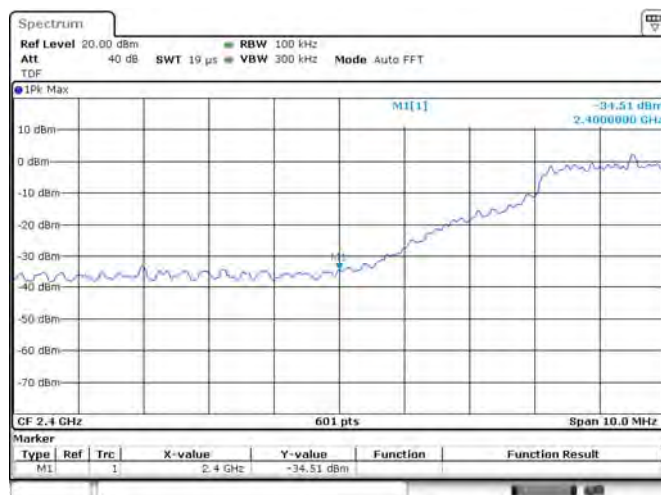
802.11g HIGH CHANNEL, Carrier level



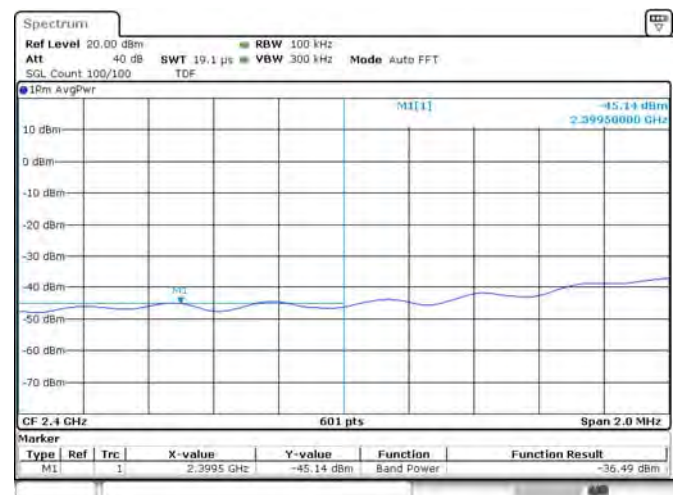
802.11g HIGH CHANNEL, Reference level



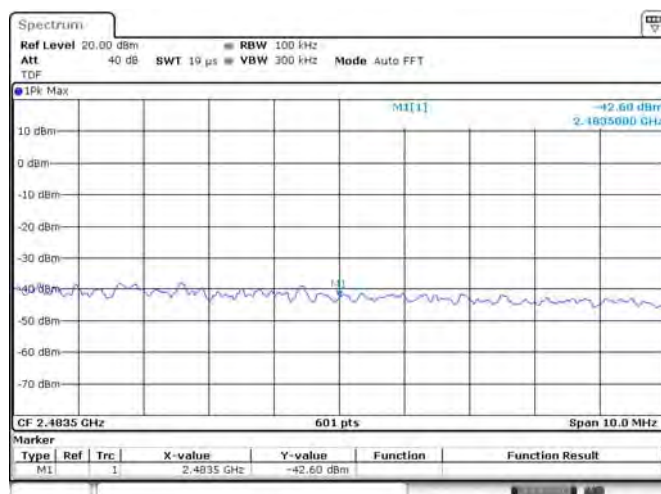
802.11n-20 MHz LOW CHANNEL, Carrier level



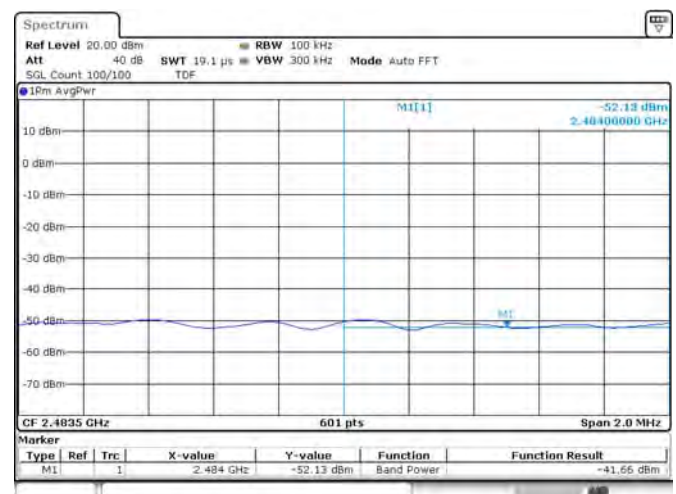
802.11n-20 MHz LOW CHANNEL, Reference level



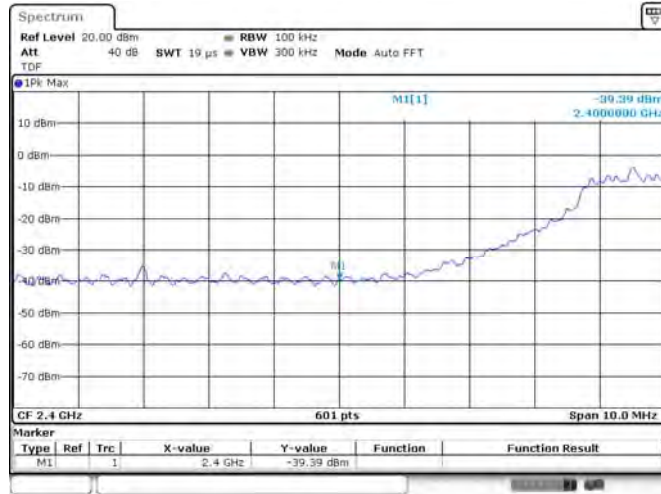
802.11n-20 MHz HIGH CHANNEL, Carrier level



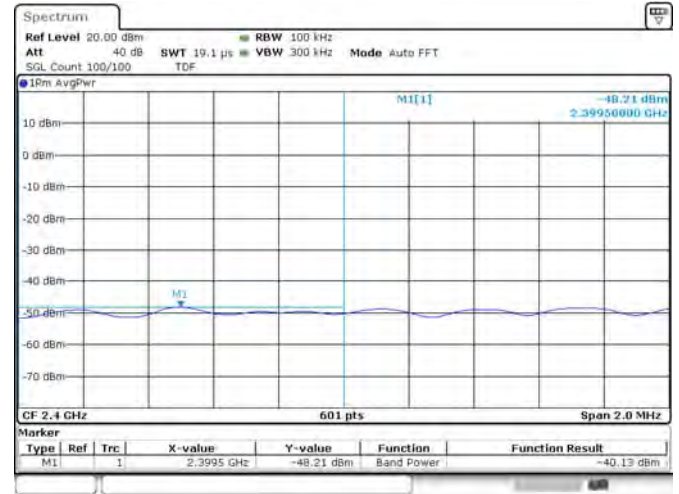
802.11n-20 MHz HIGH CHANNEL, Reference level



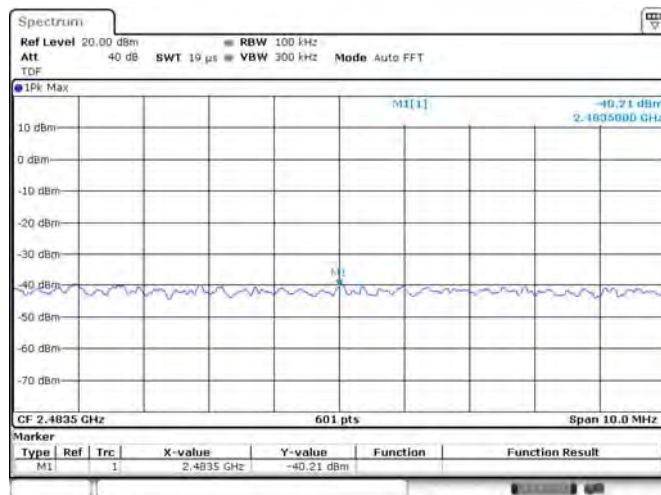
802.11n-40 MHz LOW CHANNEL, Carrier level



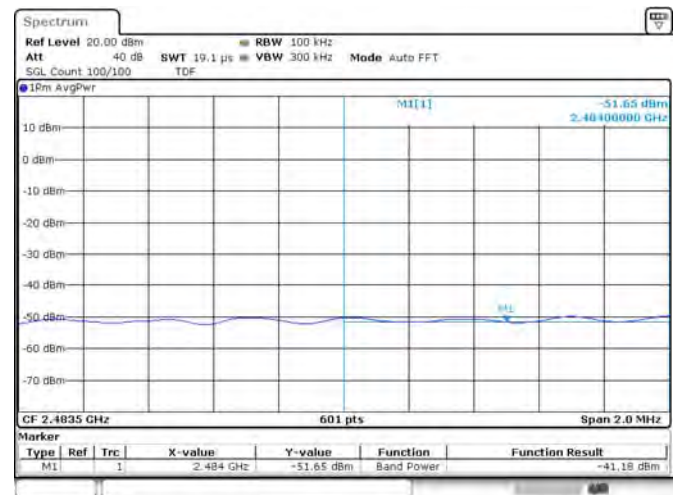
802.11n-40 MHz LOW CHANNEL, Reference level



802.11n-40 MHz HIGH CHANNEL, Carrier level

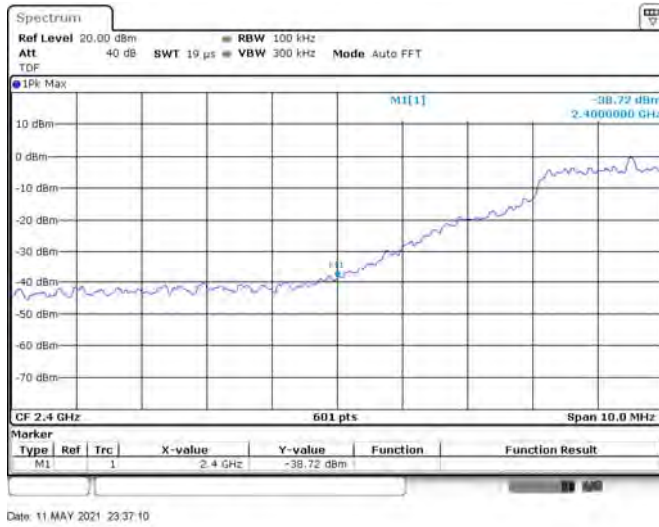


802.11n-40 MHz HIGH CHANNEL, Reference level

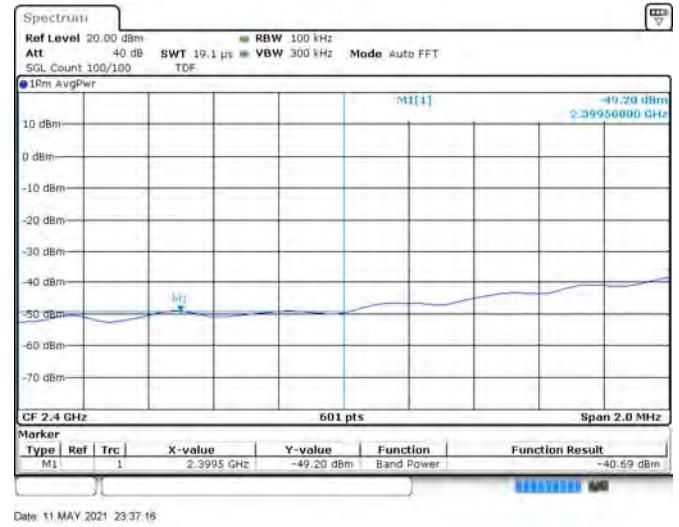


MIMO-Main Antenna

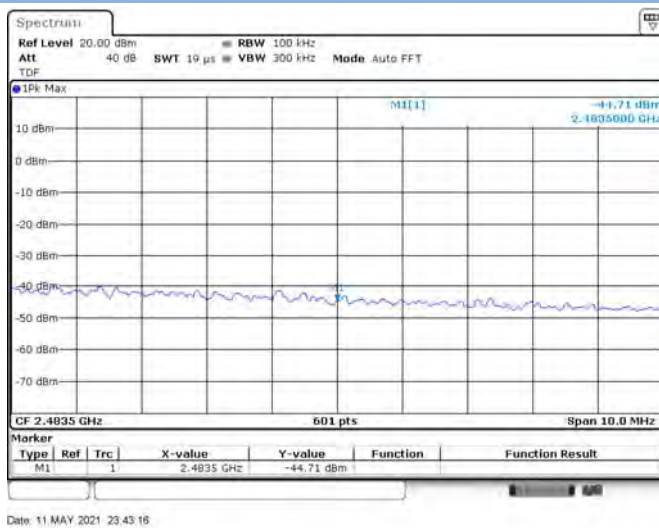
802.11n-20 MHz LOW CHANNEL, Carrier level



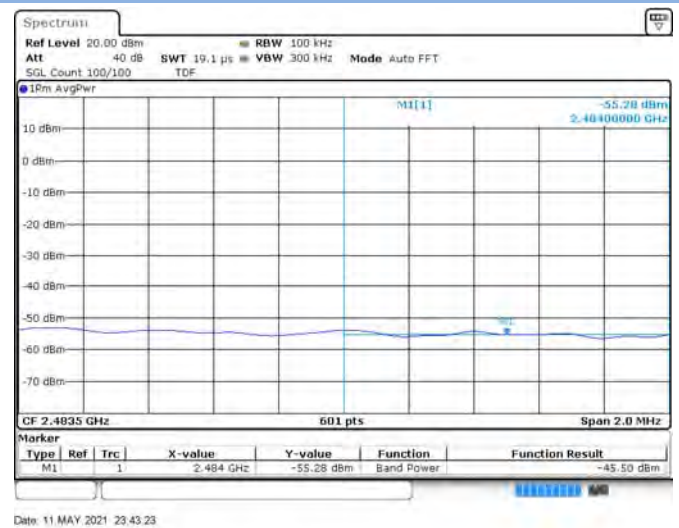
802.11n-20 MHz LOW CHANNEL, Reference level



802.11n-20 MHz HIGH CHANNEL, Carrier level



802.11n-20 MHz HIGH CHANNEL, Reference level



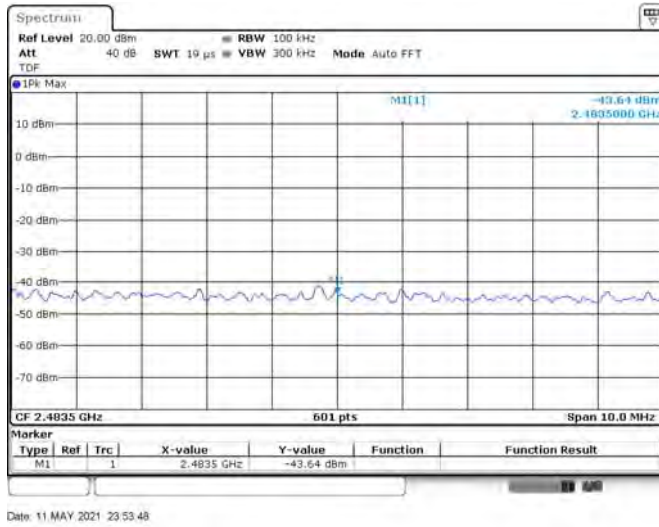
802.11n-40 MHz LOW CHANNEL, Carrier level



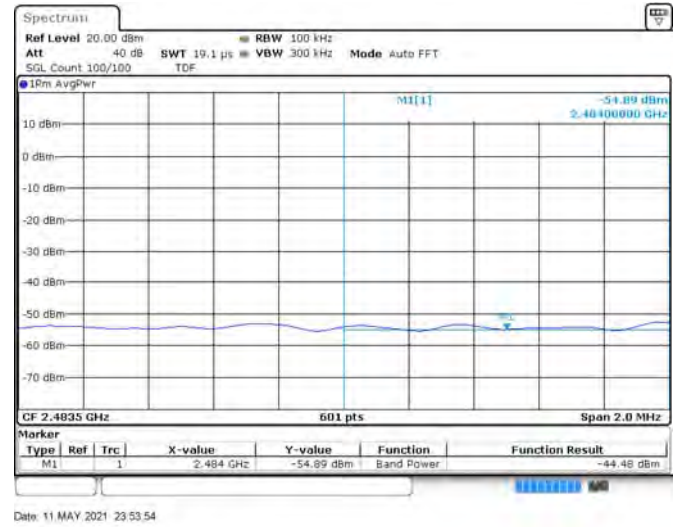
802.11n-40 MHz LOW CHANNEL, Reference level



802.11n-40 MHz HIGH CHANNEL, Carrier level

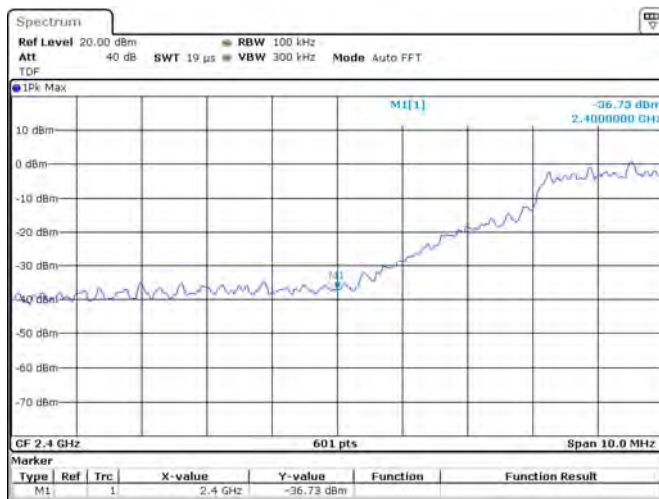


802.11n-40 MHz HIGH CHANNEL, Reference level

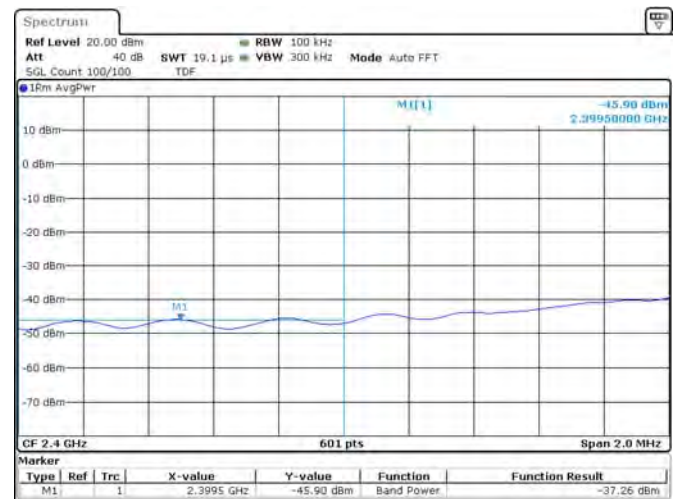


MIMO-Aux. Antenna

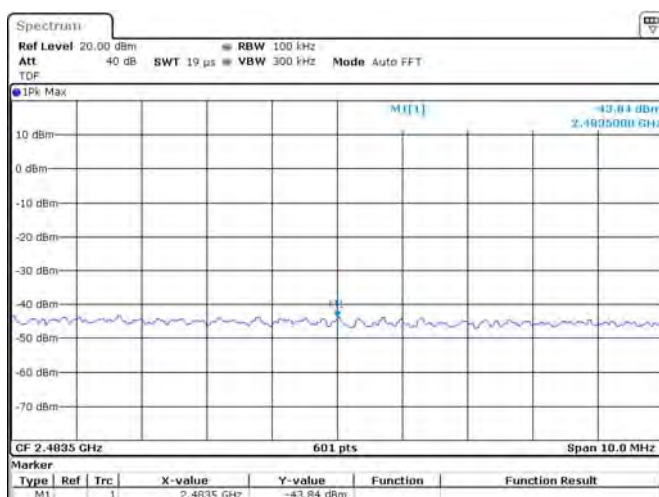
802.11n-20 MHz LOW CHANNEL, Carrier level



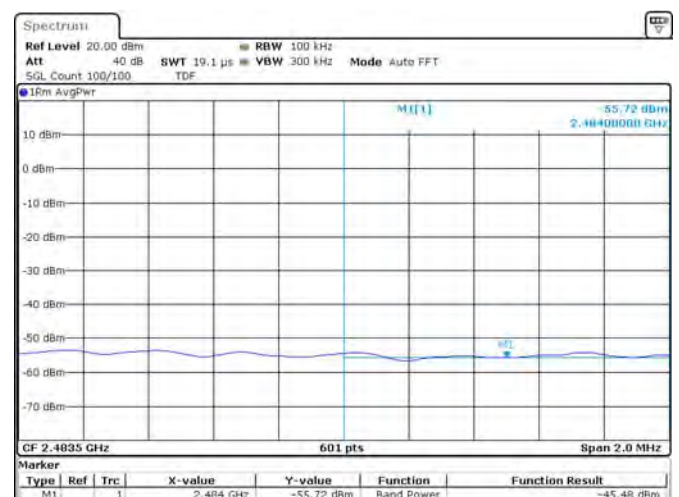
802.11n-20 MHz LOW CHANNEL, Reference level



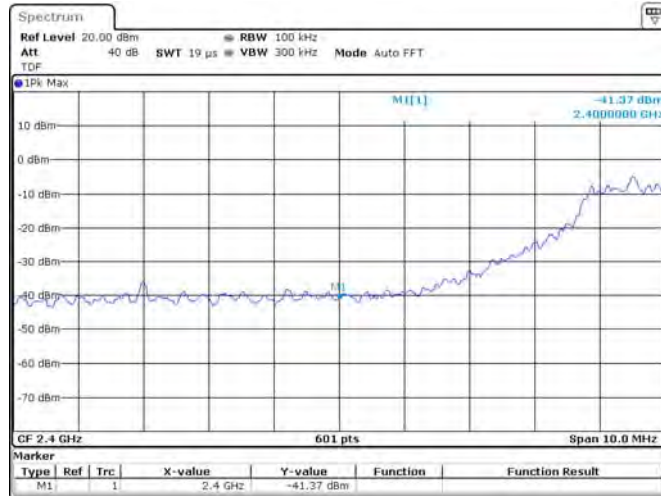
802.11n-20 MHz HIGH CHANNEL, Carrier level



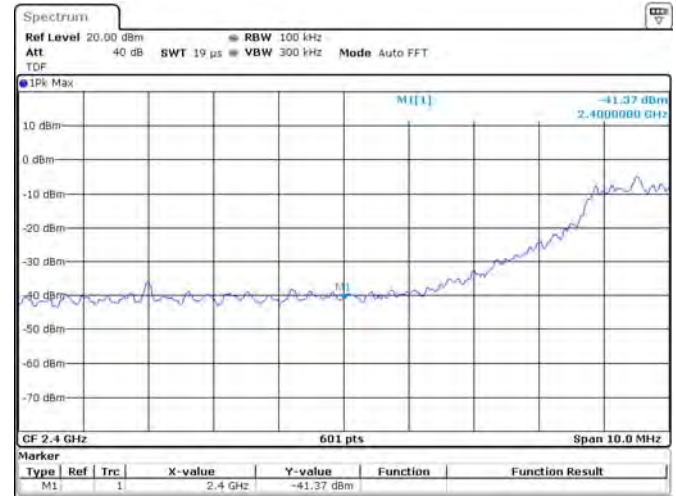
802.11n-20 MHz HIGH CHANNEL, Reference level



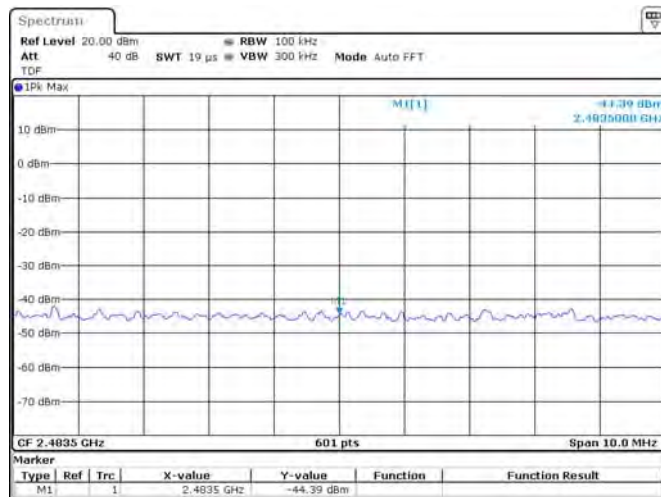
802.11n-40 MHz LOW CHANNEL, Carrier level



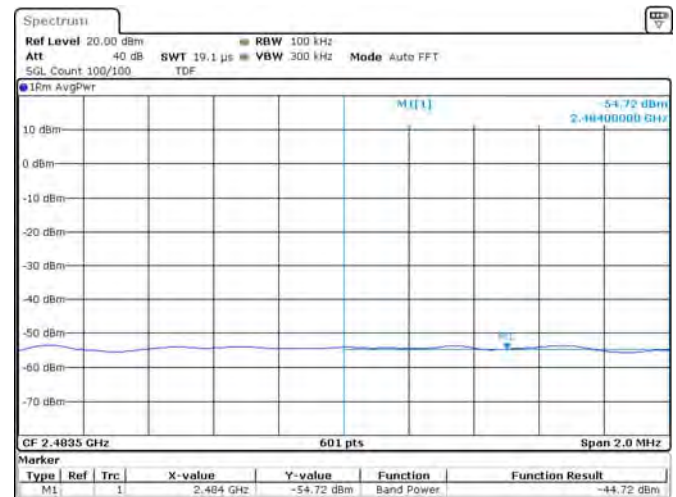
802.11n-40 MHz LOW CHANNEL, Reference level



802.11n-40 MHz HIGH CHANNEL, Carrier level



802.11n-40 MHz HIGH CHANNEL, Reference level



ESP Module

Test Data

802.11b Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-46.91	7.67	-12.33	Pass
High Channel	-47.59	7.92	-12.08	Pass

802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-37.33	1.87	-18.13	Pass
High Channel	-45.28	1.97	-18.03	Pass

802.11n-20 MHz Mode:

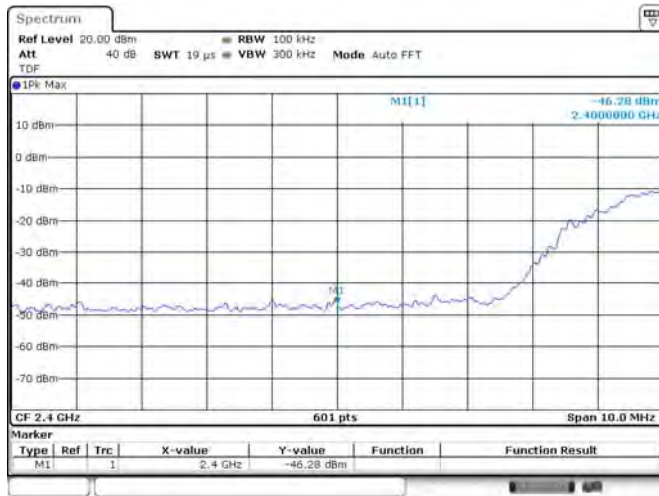
Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-37.49	1.56	-18.44	Pass
High Channel	-44.21	1.54	-18.46	Pass

802.11n-40 MHz Mode:

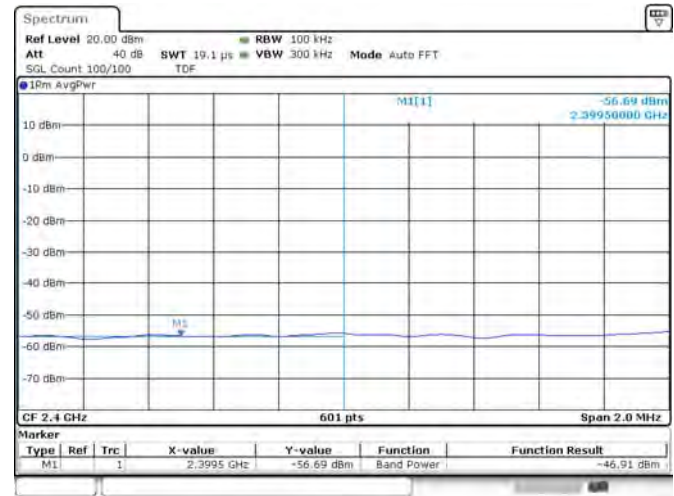
Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-28.07	-1.08	-21.08	Pass
High Channel	-38.73	-1.04	-21.04	Pass

Test Plots

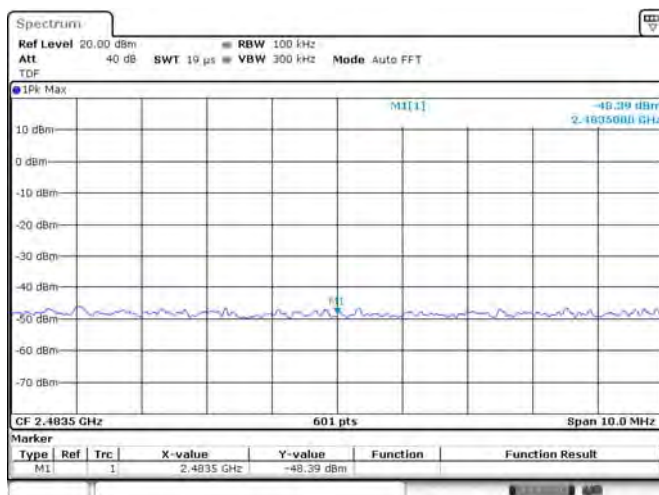
802.11b LOW CHANNEL, Carrier level



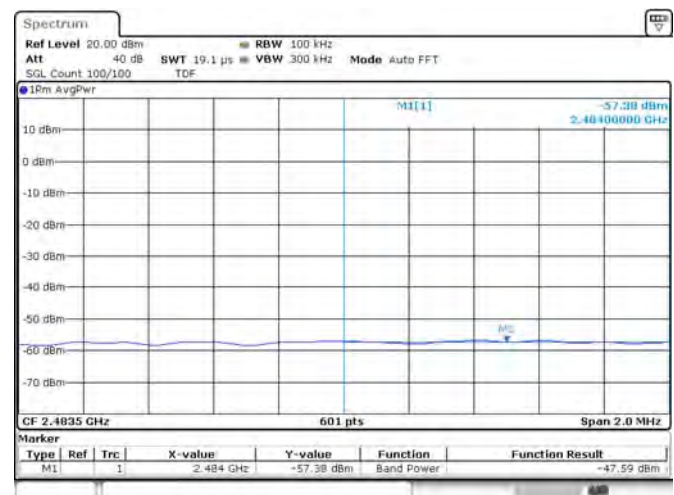
802.11b LOW CHANNEL, Reference level



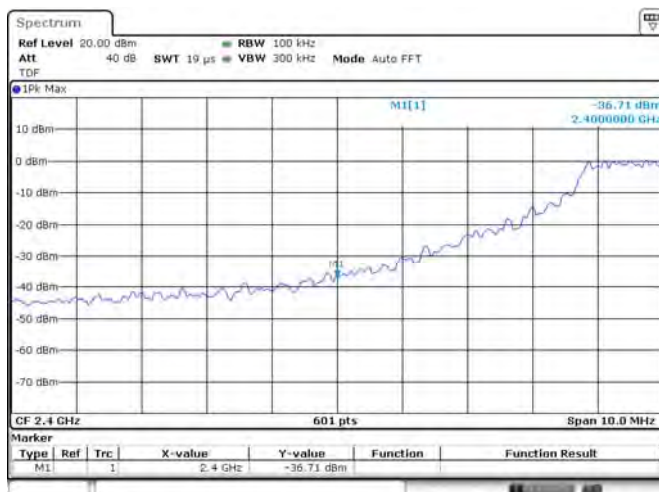
802.11b HIGH CHANNEL, Carrier level



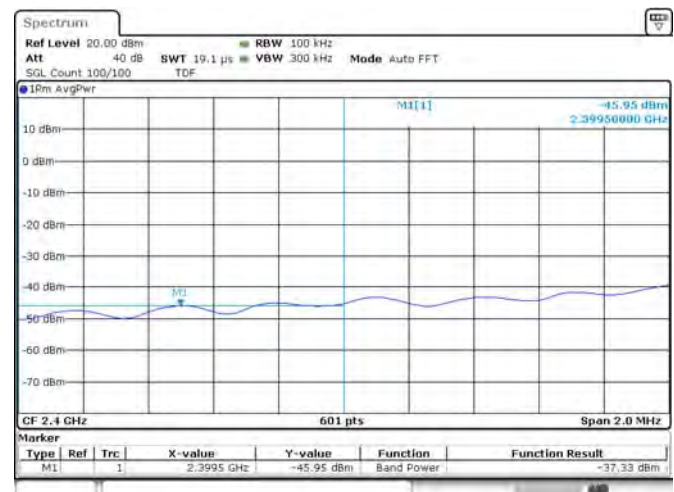
802.11b HIGH CHANNEL, Reference level



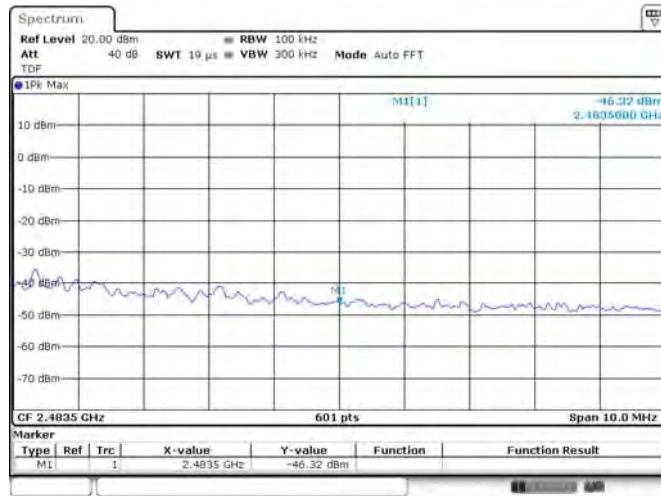
802.11g LOW CHANNEL, Carrier level



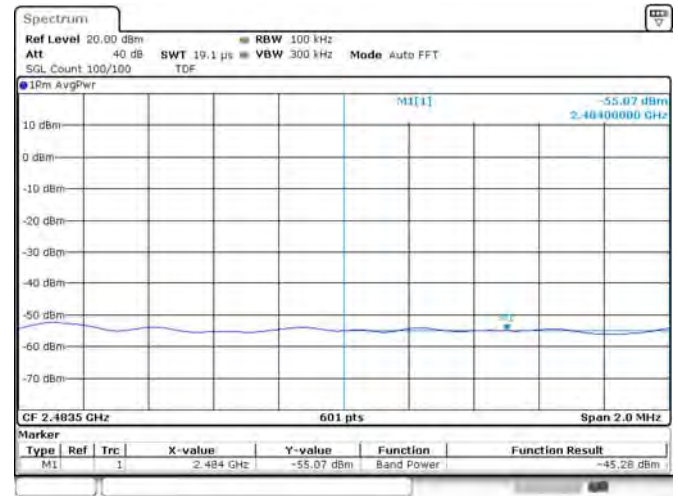
802.11g LOW CHANNEL, Reference level



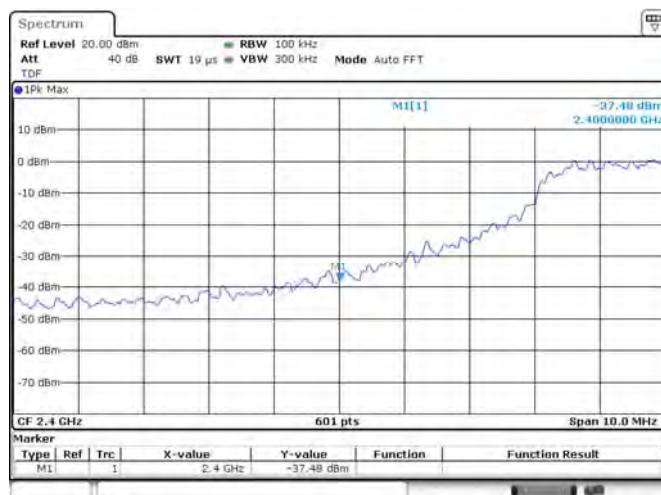
802.11g HIGH CHANNEL, Carrier level



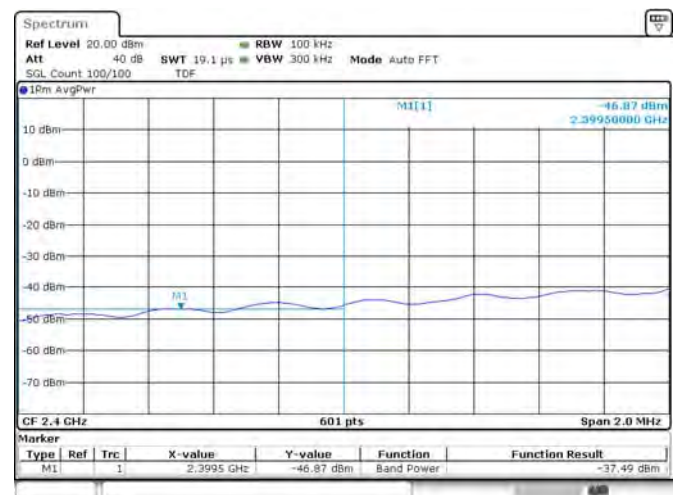
802.11g HIGH CHANNEL, Reference level



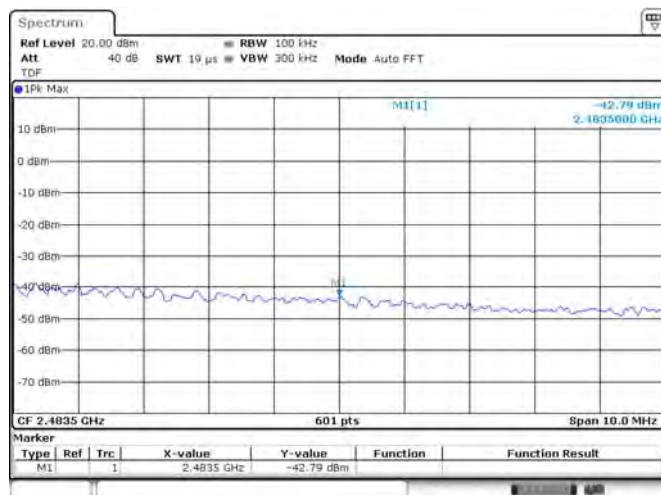
802.11n-20 MHz LOW CHANNEL, Carrier level



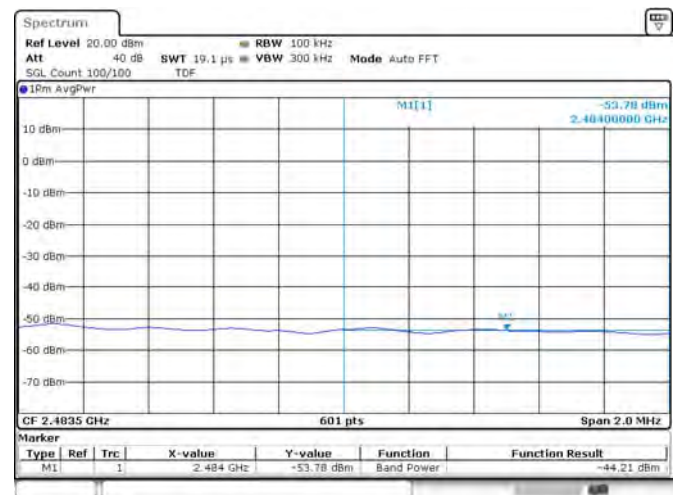
802.11n-20 MHz LOW CHANNEL, Reference level



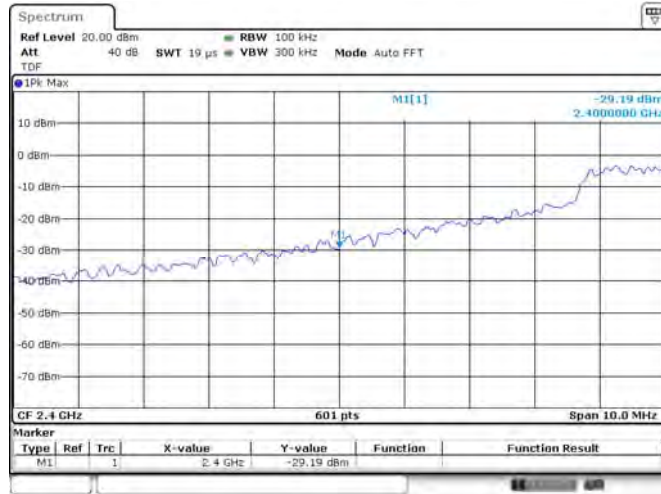
802.11n-20 MHz HIGH CHANNEL, Carrier level



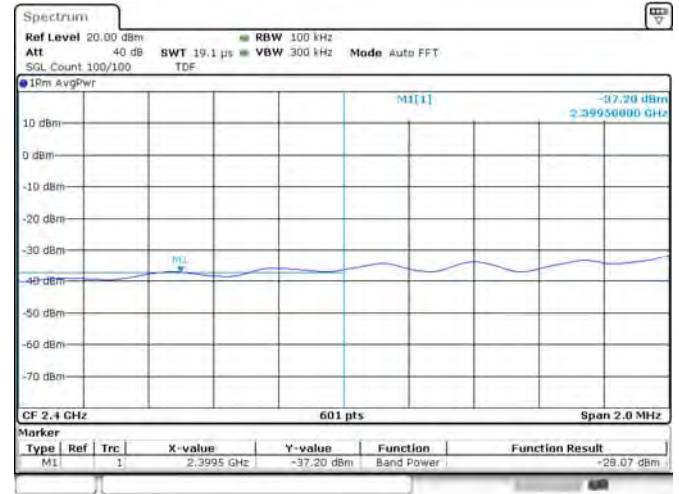
802.11n-20 MHz HIGH CHANNEL, Reference level



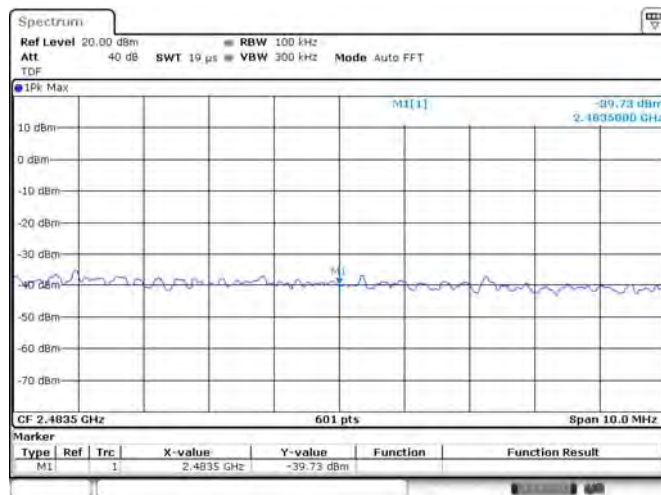
802.11n-40 MHz LOW CHANNEL, Carrier level



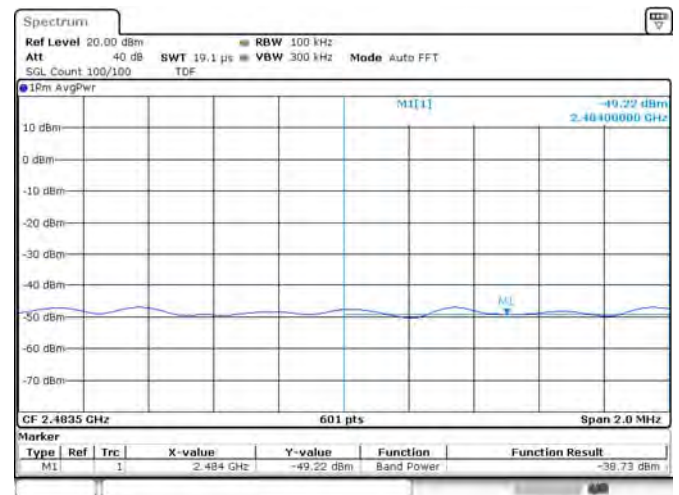
802.11n-40 MHz LOW CHANNEL, Reference level



802.11n-40 MHz HIGH CHANNEL, Carrier level



802.11n-40 MHz HIGH CHANNEL, Reference level



A.5 Conducted Emissions

Note¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

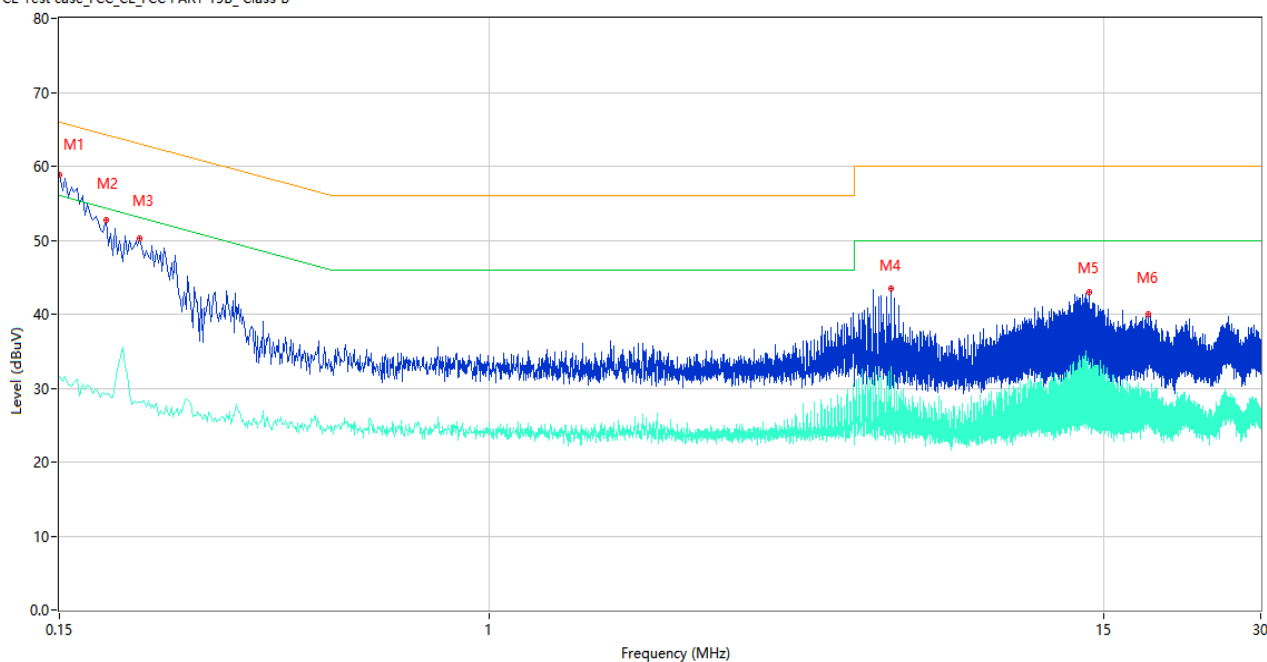
Note²: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration (120 VAC, 60 Hz) shown here.

Test Data and Plots

AP Module

PHASE L

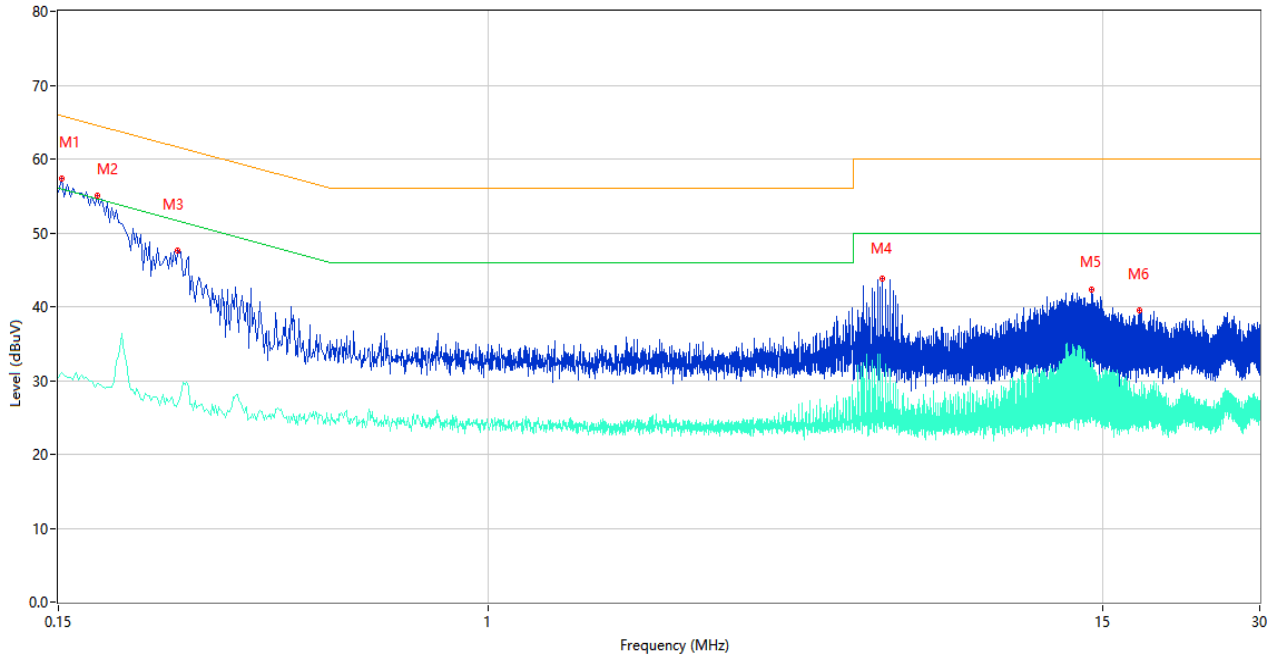
CE Test case_FCC_CE_FCC PART 15B_Class B



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.150	58.90	10.41	66.00	-7.10	Peak	L	Pass
1**	0.150	31.64	10.41	56.00	-24.36	AV	L	Pass
2	0.184	52.79	10.39	64.30	-11.51	Peak	L	Pass
2**	0.184	29.10	10.39	54.30	-25.20	AV	L	Pass
3	0.214	50.28	10.38	63.05	-12.77	Peak	L	Pass
3**	0.214	28.13	10.38	53.05	-24.92	AV	L	Pass
4	5.888	43.39	10.32	60.00	-16.61	Peak	L	Pass
4**	5.888	32.87	10.32	50.00	-17.13	AV	L	Pass
5	14.066	42.90	10.40	60.00	-17.10	Peak	L	Pass
5**	14.066	31.77	10.40	50.00	-18.23	AV	L	Pass
6	18.262	39.92	10.50	60.00	-20.08	Peak	L	Pass
6**	18.262	27.90	10.50	50.00	-22.10	AV	L	Pass

PHASE N

CE Test case_FCC_CE_FCC PART 15B_Class B

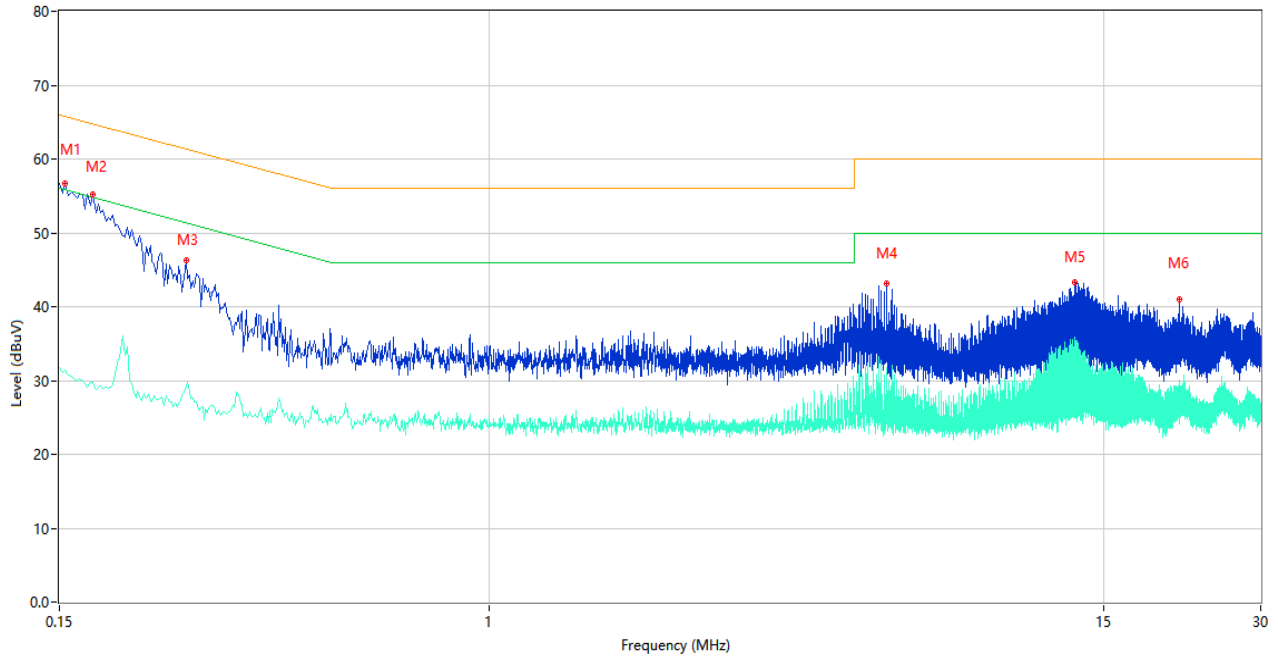


No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.150	55.48	10.41	66.00	-10.52	Peak	N	Pass
1**	0.150	30.47	10.41	56.00	-25.53	AV	N	Pass
2	0.178	55.03	10.39	64.58	-9.55	Peak	N	Pass
2**	0.178	29.66	10.39	54.58	-24.92	AV	N	Pass
3	0.254	47.53	10.34	61.63	-14.10	Peak	N	Pass
3**	0.254	26.75	10.34	51.63	-24.88	AV	N	Pass
4	5.688	43.79	10.31	60.00	-16.21	Peak	N	Pass
4**	5.688	30.92	10.31	50.00	-19.08	AV	N	Pass
5	14.258	42.37	10.40	60.00	-17.63	Peak	N	Pass
5**	14.258	29.45	10.40	50.00	-20.55	AV	N	Pass
6	17.672	39.45	10.48	60.00	-20.55	Peak	N	Pass
6**	17.672	26.38	10.48	50.00	-23.62	AV	N	Pass

ESP Module

PHASE L

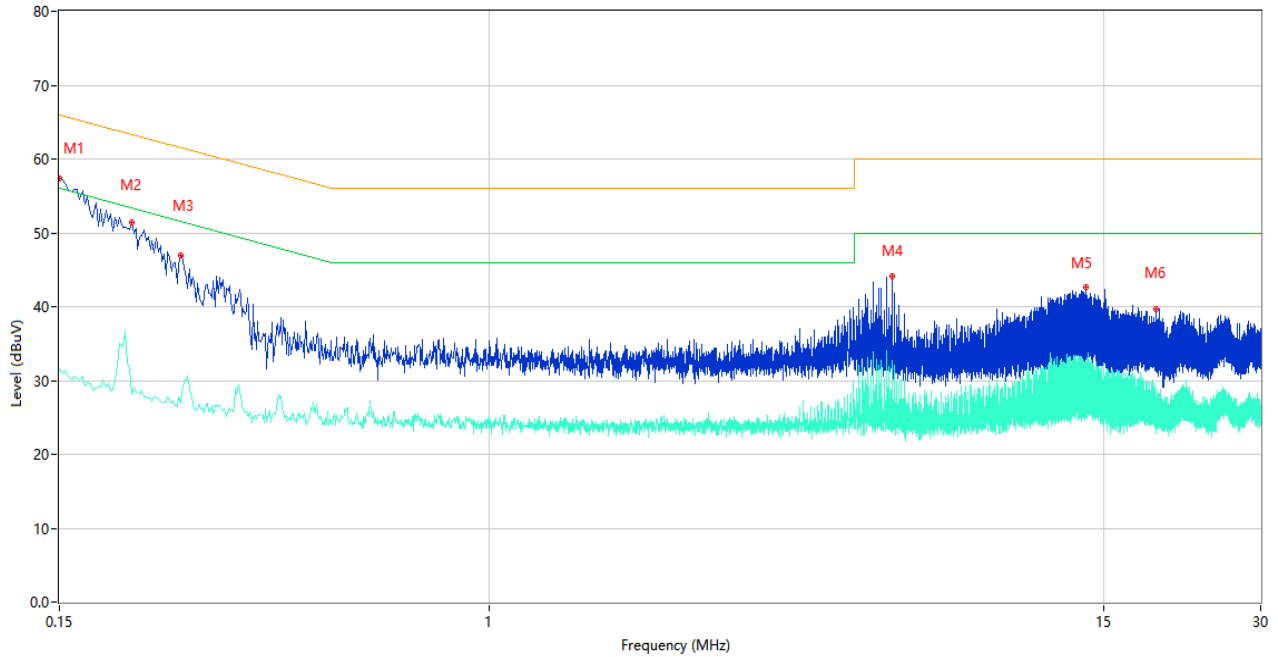
CE Test case_FCC_CE_FCC PART 15B_Class B



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.154	56.71	10.41	65.78	-9.07	Peak	L	Pass
1**	0.154	31.36	10.41	55.78	-24.42	AV	L	Pass
2	0.174	55.16	10.39	64.77	-9.61	Peak	L	Pass
2**	0.174	29.78	10.39	54.77	-24.99	AV	L	Pass
3	0.262	46.26	10.34	61.37	-15.11	Peak	L	Pass
3**	0.262	29.17	10.34	51.37	-22.20	AV	L	Pass
4	5.760	43.07	10.32	60.00	-16.93	Peak	L	Pass
4**	5.760	30.75	10.32	50.00	-19.25	AV	L	Pass
5	13.230	43.25	10.40	60.00	-16.75	Peak	L	Pass
5**	13.230	35.86	10.40	50.00	-14.14	AV	L	Pass
6	20.954	40.93	10.57	60.00	-19.07	Peak	L	Pass
6**	20.954	30.09	10.57	50.00	-19.91	AV	L	Pass

PHASE N

CE Test case_FCC_CE_FCC PART 15B_Class B



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.150	57.30	10.41	66.00	-8.70	Peak	N	Pass
1**	0.150	31.65	10.41	56.00	-24.35	AV	N	Pass
2	0.206	51.39	10.38	63.37	-11.98	Peak	N	Pass
2**	0.206	28.12	10.38	53.37	-25.25	AV	N	Pass
3	0.256	46.93	10.34	61.56	-14.63	Peak	N	Pass
3**	0.256	26.95	10.34	51.56	-24.61	AV	N	Pass
4	5.892	44.12	10.32	60.00	-15.88	Peak	N	Pass
4**	5.892	32.71	10.32	50.00	-17.29	AV	N	Pass
5	13.880	42.58	10.40	60.00	-17.42	Peak	N	Pass
5**	13.880	32.59	10.40	50.00	-17.41	AV	N	Pass
6	18.866	39.59	10.52	60.00	-20.41	Peak	N	Pass
6**	18.866	26.49	10.52	50.00	-23.51	AV	N	Pass

A.6 Radiated Emission

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

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

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

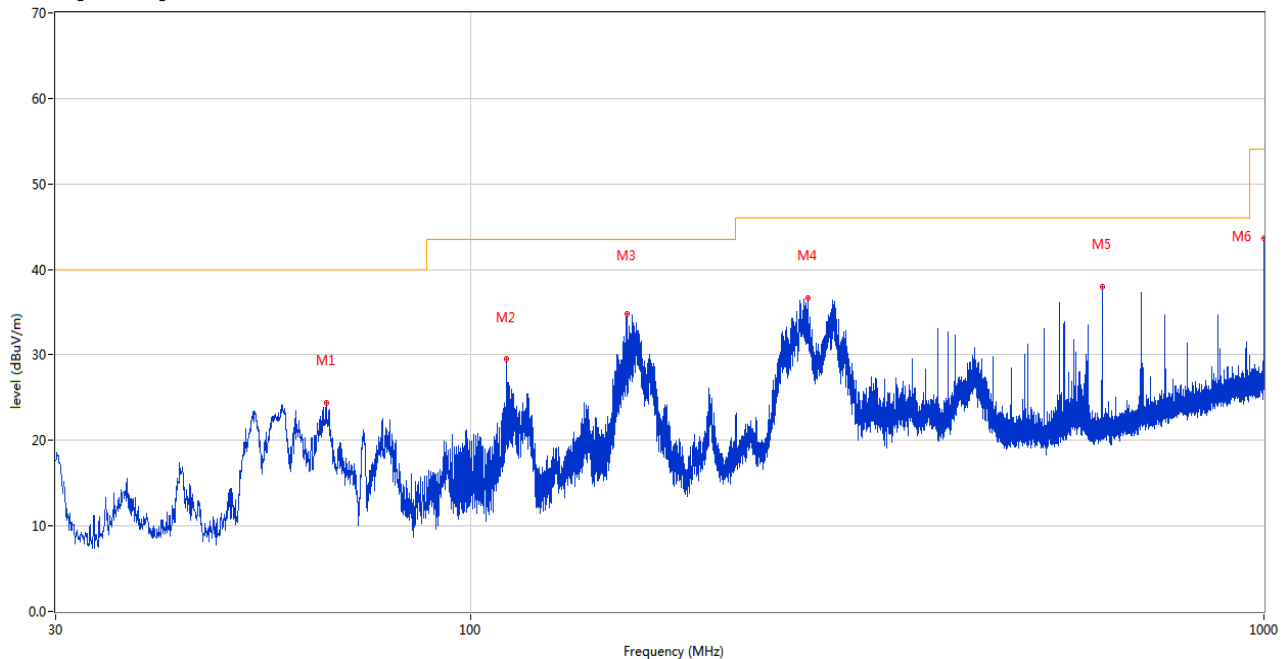
Note⁴: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and normal link mode is worst.

Test Data and Plots

AP Module

30 MHz to 1 GHz, ANT H

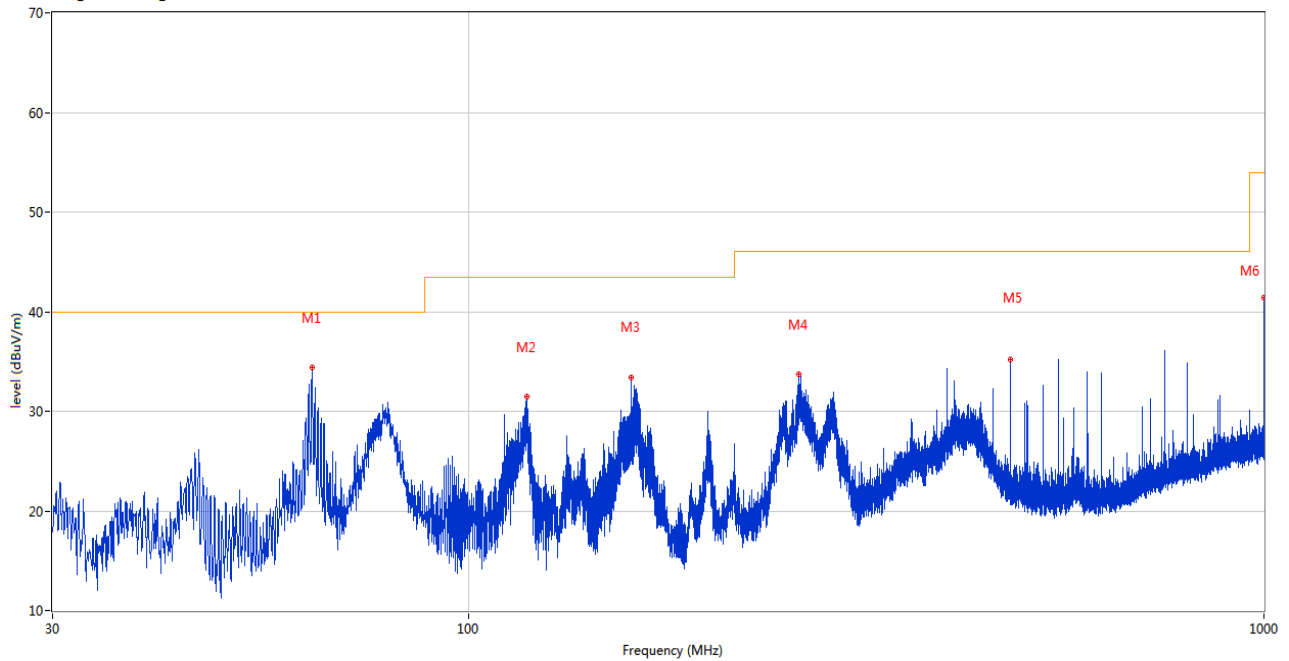
RE Test case_FCC Part 15B_FCC Part 15B Class B 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	65.841	24.38	-28.28	40.0	-15.62	Peak	278.00	100	Horizontal	Pass
2	110.995	29.46	-28.24	43.5	-14.04	Peak	41.00	200	Horizontal	Pass
3	157.312	34.83	-24.71	43.5	-8.67	Peak	226.00	100	Horizontal	Pass
4	266.534	36.70	-25.57	46.0	-9.30	Peak	150.00	100	Horizontal	Pass
5	625.047	37.96	-15.59	46.0	-8.04	Peak	278.00	100	Horizontal	Pass
6	1000.000	43.58	-10.49	54.0	-10.42	Peak	88.00	200	Horizontal	Pass

30 MHz to 1 GHz, ANT V

RE Test case_FCC Part 15B_FCC Part 15B Class B 30MHz-1GHz

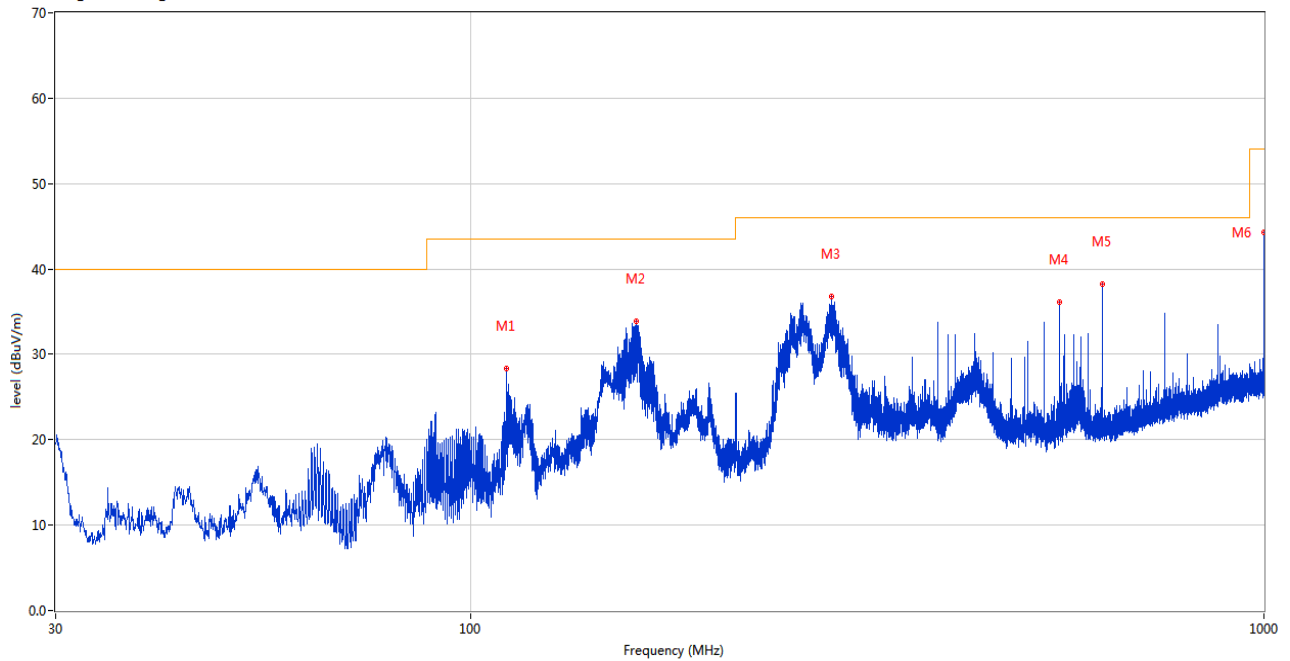


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	63.562	34.35	-27.91	40.0	-5.65	Peak	177.00	100	Vertical	Pass
2	118.270	31.49	-27.36	43.5	-12.01	Peak	157.00	100	Vertical	Pass
3	159.980	33.45	-24.54	43.5	-10.05	Peak	203.00	200	Vertical	Pass
4	259.793	33.74	-25.78	46.0	-12.26	Peak	163.00	200	Vertical	Pass
5	479.983	35.18	-19.01	46.0	-10.82	Peak	322.00	100	Vertical	Pass
6	1000.000	41.44	-10.49	54.0	-12.56	Peak	105.00	200	Vertical	Pass

ESP Module

30 MHz to 1 GHz, ANT H

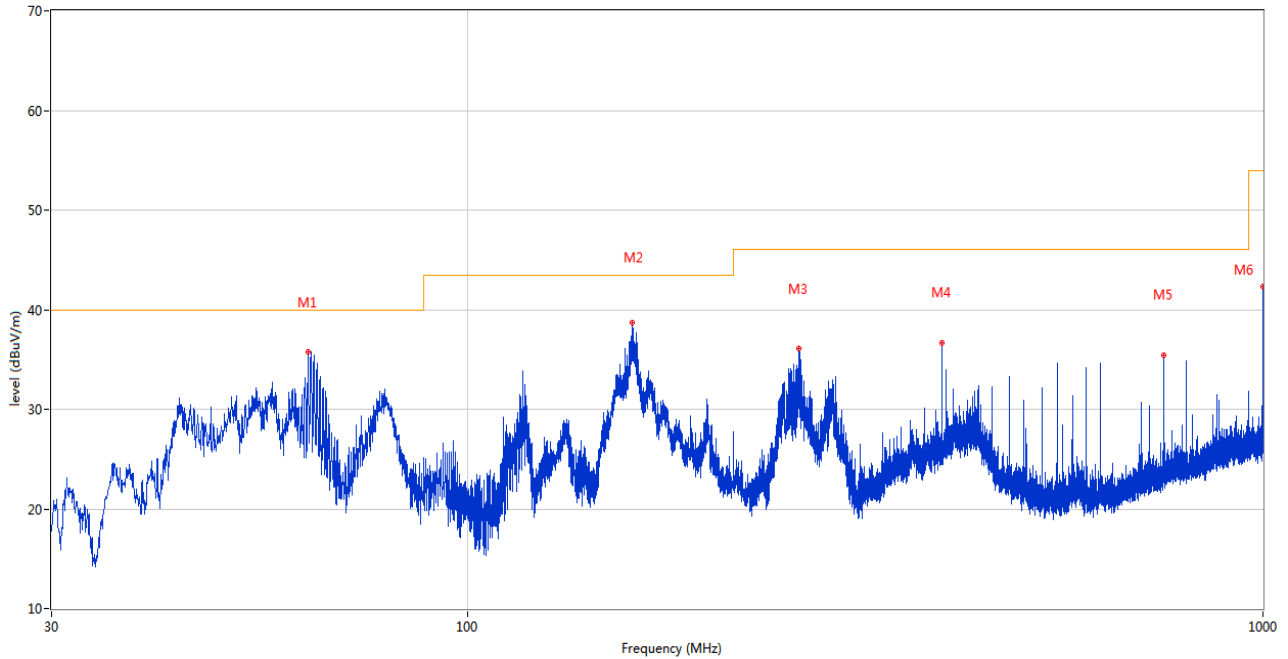
RE Test case_FCC Part 15B_FCC Part 15B Class B 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	110.947	23.05	-28.24	43.5	-20.45	Peak	244.00	100	Horizontal	Pass
2	161.726	33.86	-24.77	43.5	-9.64	Peak	71.00	100	Horizontal	Pass
3	285.304	36.74	-24.77	46.0	-9.26	Peak	60.00	100	Horizontal	Pass
4	552.006	36.15	-17.53	46.0	-9.85	Peak	233.00	100	Horizontal	Pass
5	625.047	38.20	-15.59	46.0	-7.80	Peak	288.00	100	Horizontal	Pass
6	1000.000	44.25	-10.49	54.0	-9.75	Peak	79.00	200	Horizontal	Pass

30 MHz to 1 GHz, ANT V

RE Test case_FCC Part 15B_FCC Part 15B Class B 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	63.077	35.73	-27.72	40.0	-4.27	Peak	246.00	100	Vertical	Pass
2	161.096	38.73	-24.69	43.5	-4.77	Peak	257.00	100	Vertical	Pass
3	260.617	36.13	-25.71	46.0	-9.87	Peak	125.00	200	Vertical	Pass
4	394.478	36.63	-21.57	46.0	-9.37	Peak	268.00	100	Vertical	Pass
5	750.031	35.40	-13.63	46.0	-10.60	Peak	61.00	100	Vertical	Pass
6	1000.000	42.35	-10.49	54.0	-11.65	Peak	103.00	200	Vertical	Pass

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

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

Test Data and Plots

AP Module

Main Antenna

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	1535.400	44.13	-14.86	74.0	-29.87	Peak	23.00	150	Horizontal	Pass
1**	1535.400	26.65	-14.86	54.0	-27.35	AV	23.00	150	Horizontal	Pass
2	2411.100	100.63	-10.37	74.0	26.63	Peak	68.00	150	Horizontal	N/A
2**	2411.100	98.64	-10.37	54.0	44.64	AV	68.00	150	Horizontal	N/A
3	2614.100	45.59	-9.32	74.0	-28.41	Peak	81.00	150	Horizontal	Pass
3**	2614.100	39.09	-9.32	54.0	-14.91	AV	81.00	150	Horizontal	Pass
4	6213.000	52.14	2.57	74.0	-21.86	Peak	78.00	150	Horizontal	Pass
4**	6213.000	42.44	2.57	54.0	-11.56	AV	78.00	150	Horizontal	Pass
5	11786.299	49.93	18.66	74.0	-24.07	Peak	219.00	150	Horizontal	Pass
5**	11786.299	38.38	18.66	54.0	-15.62	AV	219.00	150	Horizontal	Pass
6	17310.937	56.67	24.45	74.0	-17.33	Peak	215.00	150	Horizontal	Pass
6**	17310.937	45.46	24.45	54.0	-8.54	AV	215.00	150	Horizontal	Pass

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	1800.000	44.62	-14.62	74.0	-29.38	Peak	252.00	150	Vertical	Pass
1**	1800.000	35.97	-14.62	54.0	-18.03	AV	252.00	150	Vertical	Pass
2	2411.000	98.31	-10.37	74.0	24.31	Peak	337.00	150	Vertical	N/A
2**	2411.000	96.28	-10.37	54.0	42.28	AV	337.00	150	Vertical	N/A
3	4805.200	48.32	-1.20	74.0	-25.68	Peak	0.00	150	Vertical	Pass
3**	4805.200	38.98	-1.20	54.0	-15.02	AV	0.00	150	Vertical	Pass
4	6652.200	52.63	4.60	74.0	-21.37	Peak	270.00	150	Vertical	Pass
4**	6652.200	43.01	4.60	54.0	-10.99	AV	270.00	150	Vertical	Pass
5	10543.725	50.29	18.29	74.0	-23.71	Peak	267.00	150	Vertical	Pass
5**	10543.725	38.68	18.29	54.0	-15.32	AV	267.00	150	Vertical	Pass
6	17888.176	56.54	24.48	74.0	-17.46	Peak	130.00	150	Vertical	Pass
6**	17888.176	45.00	24.48	54.0	-9.00	AV	130.00	150	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	1502.400	49.12	-15.00	74.0	-24.88	Peak	104.00	150	Horizontal	Pass
1**	1502.400	40.07	-15.00	54.0	-13.93	AV	104.00	150	Horizontal	Pass
2	2436.000	100.96	-10.62	74.0	26.96	Peak	72.00	150	Horizontal	N/A
2**	2436.000	99.48	-10.62	54.0	45.48	AV	72.00	150	Horizontal	N/A
3	4425.400	46.72	-2.33	74.0	-27.28	Peak	21.00	150	Horizontal	Pass
3**	4425.400	37.06	-2.33	54.0	-16.94	AV	21.00	150	Horizontal	Pass
4	6911.000	52.81	4.60	74.0	-21.19	Peak	4.00	150	Horizontal	Pass
4**	6911.000	43.16	4.60	54.0	-10.84	AV	4.00	150	Horizontal	Pass
5	12266.424	50.17	20.34	74.0	-23.83	Peak	237.00	150	Horizontal	Pass
5**	12266.424	39.50	20.34	54.0	-14.50	AV	237.00	150	Horizontal	Pass
6	17864.550	56.27	24.29	74.0	-17.73	Peak	363.00	150	Horizontal	Pass
6**	17864.550	45.11	24.29	54.0	-8.89	AV	363.00	150	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	1399.800	42.96	-14.90	74.0	-31.04	Peak	38.00	150	Vertical	Pass
1**	1399.800	29.99	-14.90	54.0	-24.01	AV	38.00	150	Vertical	Pass
2	2437.900	98.48	-10.59	74.0	24.48	Peak	321.00	150	Vertical	N/A
2**	2437.900	96.56	-10.59	54.0	42.56	AV	321.00	150	Vertical	N/A
3	3757.000	45.63	-4.32	74.0	-28.37	Peak	349.00	150	Vertical	Pass
3**	3757.000	36.45	-4.32	54.0	-17.55	AV	349.00	150	Vertical	Pass
4	6003.000	51.80	2.04	74.0	-22.20	Peak	59.00	150	Vertical	Pass
4**	6003.000	40.50	2.04	54.0	-13.50	AV	59.00	150	Vertical	Pass
5	10935.875	49.53	18.55	74.0	-24.47	Peak	142.00	150	Vertical	Pass
5**	10935.875	36.76	18.55	54.0	-17.24	AV	142.00	150	Vertical	Pass
6	17536.948	56.10	24.18	74.0	-17.90	Peak	362.00	150	Vertical	Pass
6**	17536.948	43.80	24.18	54.0	-10.20	AV	362.00	150	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	1002.200	44.82	-14.29	74.0	-29.18	Peak	196.00	150	Horizontal	Pass
1**	1002.200	33.59	-14.29	54.0	-20.41	AV	196.00	150	Horizontal	Pass
2	2462.800	100.91	-10.46	74.0	26.91	Peak	76.00	150	Horizontal	N/A
2**	2462.800	98.25	-10.46	54.0	44.25	AV	76.00	150	Horizontal	N/A
3	4924.200	48.81	-1.09	74.0	-25.19	Peak	94.00	150	Horizontal	Pass
3**	4924.200	45.40	-1.09	54.0	-8.60	AV	94.00	150	Horizontal	Pass
4	6479.400	52.57	2.99	74.0	-21.43	Peak	76.00	150	Horizontal	Pass
4**	6479.400	43.03	2.99	54.0	-10.97	AV	76.00	150	Horizontal	Pass
5	11536.463	50.63	19.59	74.0	-23.37	Peak	192.00	150	Horizontal	Pass
5**	11536.463	38.79	19.59	54.0	-15.21	AV	192.00	150	Horizontal	Pass
6	15643.275	56.41	23.55	74.0	-17.59	Peak	363.00	150	Horizontal	Pass
6**	15643.275	44.34	23.55	54.0	-9.66	AV	363.00	150	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	1399.900	41.97	-14.90	74.0	-32.03	Peak	60.00	150	Vertical	Pass
1**	1399.900	31.62	-14.90	54.0	-22.38	AV	60.00	150	Vertical	Pass
2	2462.900	98.59	-10.46	74.0	24.59	Peak	321.00	150	Vertical	N/A
2**	2462.900	96.32	-10.46	54.0	42.32	AV	321.00	150	Vertical	N/A
3	3215.800	44.39	-6.93	74.0	-29.61	Peak	52.00	150	Vertical	Pass
3**	3215.800	35.92	-6.93	54.0	-18.08	AV	52.00	150	Vertical	Pass
4	4924.200	49.72	-1.09	74.0	-24.28	Peak	25.00	150	Vertical	Pass
4**	4924.200	45.59	-1.09	54.0	-8.41	AV	25.00	150	Vertical	Pass
5	12403.849	50.11	19.15	74.0	-23.89	Peak	336.00	150	Vertical	Pass
5**	12403.849	39.11	19.15	54.0	-14.89	AV	336.00	150	Vertical	Pass
6	17680.011	56.94	24.45	74.0	-17.06	Peak	54.00	150	Vertical	Pass
6**	17680.011	44.74	24.45	54.0	-9.26	AV	54.00	150	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	2095.000	45.10	-11.60	74.0	-28.90	Peak	262.00	150	Horizontal	Pass
1**	2095.000	30.55	-11.60	54.0	-23.45	AV	262.00	150	Horizontal	Pass
2	2417.400	102.01	-10.01	74.0	28.01	Peak	66.00	150	Horizontal	N/A
2**	2417.400	95.28	-10.01	54.0	41.28	AV	66.00	150	Horizontal	N/A
3	2615.700	46.38	-9.31	74.0	-27.62	Peak	92.00	150	Horizontal	Pass
3**	2615.700	35.09	-9.31	54.0	-18.91	AV	92.00	150	Horizontal	Pass
4	5218.800	49.71	-0.21	74.0	-24.29	Peak	265.00	150	Horizontal	Pass
4**	5218.800	40.27	-0.21	54.0	-13.73	AV	265.00	150	Horizontal	Pass
5	9931.638	49.66	17.82	74.0	-24.34	Peak	38.00	150	Horizontal	Pass
5**	9931.638	37.02	17.82	54.0	-16.98	AV	38.00	150	Horizontal	Pass
6	17256.337	56.78	24.23	74.0	-17.22	Peak	361.00	150	Horizontal	Pass
6**	17256.337	44.80	24.23	54.0	-9.20	AV	361.00	150	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	1800.200	45.83	-14.64	74.0	-28.17	Peak	357.00	150	Vertical	Pass
1**	1800.200	36.22	-14.64	54.0	-17.78	AV	357.00	150	Vertical	Pass
2	2410.200	99.67	-10.41	74.0	25.67	Peak	351.00	150	Vertical	N/A
2**	2410.200	92.54	-10.41	54.0	38.54	AV	351.00	150	Vertical	N/A
3	3216.000	43.91	-6.94	74.0	-30.09	Peak	246.00	150	Vertical	Pass
3**	3216.000	38.37	-6.94	54.0	-15.63	AV	246.00	150	Vertical	Pass
4	5541.000	50.03	0.29	74.0	-23.97	Peak	107.00	150	Vertical	Pass
4**	5541.000	40.77	0.29	54.0	-13.23	AV	107.00	150	Vertical	Pass
5	10511.237	49.87	18.34	74.0	-24.13	Peak	165.00	150	Vertical	Pass
5**	10511.237	38.49	18.34	54.0	-15.51	AV	165.00	150	Vertical	Pass
6	17297.287	56.61	24.58	74.0	-17.39	Peak	287.00	150	Vertical	Pass
6**	17297.287	44.98	24.58	54.0	-9.02	AV	287.00	150	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	1529.600	42.34	-15.13	74.0	-31.66	Peak	30.00	150	Horizontal	Pass
1**	1529.600	32.38	-15.13	54.0	-21.62	AV	30.00	150	Horizontal	Pass
2	2444.300	102.60	-10.42	74.0	28.60	Peak	71.00	150	Horizontal	N/A
2**	2444.300	94.72	-10.42	54.0	40.72	AV	71.00	150	Horizontal	N/A
3	4503.600	47.20	-2.62	74.0	-26.80	Peak	169.00	150	Horizontal	Pass
3**	4503.600	37.07	-2.62	54.0	-16.93	AV	169.00	150	Horizontal	Pass
4	6630.400	51.81	3.64	74.0	-22.19	Peak	353.00	150	Horizontal	Pass
4**	6630.400	42.36	3.64	54.0	-11.64	AV	353.00	150	Horizontal	Pass
5	9649.025	49.45	18.95	74.0	-24.55	Peak	29.00	150	Horizontal	Pass
5**	9649.025	38.10	18.95	54.0	-15.90	AV	29.00	150	Horizontal	Pass
6	17687.099	57.73	24.45	74.0	-16.27	Peak	349.00	150	Horizontal	Pass
6**	17687.099	45.15	24.45	54.0	-8.85	AV	349.00	150	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	1400.300	47.59	-14.90	74.0	-26.41	Peak	73.00	150	Vertical	Pass
1**	1400.300	38.49	-14.90	54.0	-15.51	AV	73.00	150	Vertical	Pass
2	2435.500	99.81	-10.62	74.0	25.81	Peak	319.00	150	Vertical	N/A
2**	2435.500	93.12	-10.62	54.0	39.12	AV	319.00	150	Vertical	N/A
3	3178.800	43.88	-6.41	74.0	-30.12	Peak	165.00	150	Vertical	Pass
3**	3178.800	34.75	-6.41	54.0	-19.25	AV	165.00	150	Vertical	Pass
4	6227.600	51.94	3.74	74.0	-22.06	Peak	117.00	150	Vertical	Pass
4**	6227.600	42.39	3.74	54.0	-11.61	AV	117.00	150	Vertical	Pass
5	12383.150	50.54	19.37	74.0	-23.46	Peak	174.00	150	Vertical	Pass
5**	12383.150	37.97	19.37	54.0	-16.03	AV	174.00	150	Vertical	Pass
6	17784.750	57.08	23.76	74.0	-16.92	Peak	363.00	150	Vertical	Pass
6**	17784.750	44.99	23.76	54.0	-9.01	AV	363.00	150	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	1398.400	41.97	-14.90	74.0	-32.03	Peak	0.00	150	Horizontal	Pass
1**	1398.400	30.57	-14.90	54.0	-23.43	AV	0.00	150	Horizontal	Pass
2	2464.200	102.60	-10.50	74.0	28.60	Peak	69.00	150	Horizontal	N/A
2**	2464.200	95.29	-10.50	54.0	41.29	AV	69.00	150	Horizontal	N/A
3	3215.800	43.79	-6.93	74.0	-30.21	Peak	79.00	150	Horizontal	Pass
3**	3215.800	36.01	-6.93	54.0	-17.99	AV	79.00	150	Horizontal	Pass
4	5624.400	50.18	-0.07	74.0	-23.82	Peak	360.00	150	Horizontal	Pass
4**	5624.400	40.13	-0.07	54.0	-13.87	AV	360.00	150	Horizontal	Pass
5	12115.775	50.47	19.59	74.0	-23.53	Peak	63.00	150	Horizontal	Pass
5**	12115.775	38.91	19.59	54.0	-15.09	AV	63.00	150	Horizontal	Pass
6	17305.426	56.73	24.52	74.0	-17.27	Peak	339.00	150	Horizontal	Pass
6**	17305.426	46.39	24.52	54.0	-7.61	AV	339.00	150	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	1800.300	46.69	-14.65	74.0	-27.31	Peak	273.00	150	Vertical	Pass
1**	1800.300	39.45	-14.65	54.0	-14.55	AV	273.00	150	Vertical	Pass
2	2456.300	99.82	-10.23	74.0	25.82	Peak	325.00	150	Vertical	N/A
2**	2456.300	93.48	-10.23	54.0	39.48	AV	325.00	150	Vertical	N/A
3	3173.000	44.42	-6.22	74.0	-29.58	Peak	0.00	150	Vertical	Pass
3**	3173.000	34.82	-6.22	54.0	-19.18	AV	0.00	150	Vertical	Pass
4	6648.800	53.22	4.65	74.0	-20.78	Peak	315.00	150	Vertical	Pass
4**	6648.800	42.82	4.65	54.0	-11.18	AV	315.00	150	Vertical	Pass
5	11636.513	50.43	20.34	74.0	-23.57	Peak	255.00	150	Vertical	Pass
5**	11636.513	39.64	20.34	54.0	-14.36	AV	255.00	150	Vertical	Pass
6	17701.276	56.61	24.42	74.0	-17.39	Peak	182.00	150	Vertical	Pass
6**	17701.276	44.11	24.42	54.0	-9.89	AV	182.00	150	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	1500.100	42.91	-15.20	74.0	-31.09	Peak	24.00	150	Horizontal	Pass
1**	1500.100	32.20	-15.20	54.0	-21.80	AV	24.00	150	Horizontal	Pass
2	2413.100	101.61	-10.18	74.0	27.61	Peak	68.00	150	Horizontal	N/A
2**	2413.100	94.70	-10.18	54.0	40.70	AV	68.00	150	Horizontal	N/A
3	2616.200	45.37	-9.30	74.0	-28.63	Peak	91.00	150	Horizontal	Pass
3**	2616.200	35.38	-9.30	54.0	-18.62	AV	91.00	150	Horizontal	Pass
4	4934.000	49.11	-1.10	74.0	-24.89	Peak	259.00	150	Horizontal	Pass
4**	4934.000	40.25	-1.10	54.0	-13.75	AV	259.00	150	Horizontal	Pass
5	11612.650	50.46	20.20	74.0	-23.54	Peak	263.00	150	Horizontal	Pass
5**	11612.650	38.32	20.20	54.0	-15.68	AV	263.00	150	Horizontal	Pass
6	17727.001	56.59	24.07	74.0	-17.41	Peak	361.00	150	Horizontal	Pass
6**	17727.001	44.84	24.07	54.0	-9.16	AV	361.00	150	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	1800.200	47.43	-14.64	74.0	-26.57	Peak	297.00	150	Vertical	Pass
1**	1800.200	37.56	-14.64	54.0	-16.44	AV	297.00	150	Vertical	Pass
2	2416.100	99.70	-10.07	74.0	25.70	Peak	173.00	150	Vertical	N/A
2**	2416.100	92.82	-10.07	54.0	38.82	AV	173.00	150	Vertical	N/A
3	3216.000	43.36	-6.94	74.0	-30.64	Peak	172.00	150	Vertical	Pass
3**	3216.000	39.47	-6.94	54.0	-14.53	AV	172.00	150	Vertical	Pass
4	6148.400	51.69	2.89	74.0	-22.31	Peak	199.00	150	Vertical	Pass
4**	6148.400	41.23	2.89	54.0	-12.77	AV	199.00	150	Vertical	Pass
5	10611.287	49.83	18.50	74.0	-24.17	Peak	336.00	150	Vertical	Pass
5**	10611.287	37.42	18.50	54.0	-16.58	AV	336.00	150	Vertical	Pass
6	17294.662	55.74	24.57	74.0	-18.26	Peak	351.00	150	Vertical	Pass
6**	17294.662	45.62	24.57	54.0	-8.38	AV	351.00	150	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	1400.100	42.26	-14.90	74.0	-31.74	Peak	25.00	150	Horizontal	Pass
1**	1400.100	29.08	-14.90	54.0	-24.92	AV	25.00	150	Horizontal	Pass
2	2442.300	103.23	-10.49	74.0	29.23	Peak	72.00	150	Horizontal	N/A
2**	2442.300	94.62	-10.49	54.0	40.62	AV	72.00	150	Horizontal	N/A
3	3096.600	44.11	-6.14	74.0	-29.89	Peak	106.00	150	Horizontal	Pass
3**	3096.600	33.31	-6.14	54.0	-20.69	AV	106.00	150	Horizontal	Pass
4	6227.000	51.49	3.73	74.0	-22.51	Peak	293.00	150	Horizontal	Pass
4**	6227.000	41.78	3.73	54.0	-12.22	AV	293.00	150	Horizontal	Pass
5	9636.950	50.11	18.92	74.0	-23.89	Peak	179.00	150	Horizontal	Pass
5**	9636.950	38.61	18.92	54.0	-15.39	AV	179.00	150	Horizontal	Pass
6	17299.386	56.04	24.59	74.0	-17.96	Peak	361.00	150	Horizontal	Pass
6**	17299.386	45.74	24.59	54.0	-8.26	AV	361.00	150	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	1800.000	44.55	-14.62	74.0	-29.45	Peak	264.00	150	Vertical	Pass
1**	1800.000	34.81	-14.62	54.0	-19.19	AV	264.00	150	Vertical	Pass
2	2438.600	100.05	-10.56	74.0	26.05	Peak	317.00	150	Vertical	N/A
2**	2438.600	92.24	-10.56	54.0	38.24	AV	317.00	150	Vertical	N/A
3	3216.000	44.40	-6.94	74.0	-29.60	Peak	178.00	150	Vertical	Pass
3**	3216.000	38.48	-6.94	54.0	-15.52	AV	178.00	150	Vertical	Pass
4	4797.000	48.77	-1.64	74.0	-25.23	Peak	259.00	150	Vertical	Pass
4**	4797.000	39.04	-1.64	54.0	-14.96	AV	259.00	150	Vertical	Pass
5	11551.412	50.79	19.72	74.0	-23.21	Peak	297.00	150	Vertical	Pass
5**	11551.412	40.42	19.72	54.0	-13.58	AV	297.00	150	Vertical	Pass
6	17683.425	56.15	24.45	74.0	-17.85	Peak	239.00	150	Vertical	Pass
6**	17683.425	45.56	24.45	54.0	-8.44	AV	239.00	150	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	1125.100	41.10	-15.34	74.0	-32.90	Peak	198.00	150	Horizontal	Pass
1**	1125.100	36.83	-15.34	54.0	-17.17	AV	198.00	150	Horizontal	Pass
2	2455.100	102.00	-10.29	74.0	28.00	Peak	73.00	150	Horizontal	N/A
2**	2455.100	93.81	-10.29	54.0	39.81	AV	73.00	150	Horizontal	N/A
3	3216.000	43.89	-6.94	74.0	-30.11	Peak	85.00	150	Horizontal	Pass
3**	3216.000	37.40	-6.94	54.0	-16.60	AV	85.00	150	Horizontal	Pass
4	5862.200	50.45	2.23	74.0	-23.55	Peak	19.00	150	Horizontal	Pass
4**	5862.200	41.26	2.23	54.0	-12.74	AV	19.00	150	Horizontal	Pass
5	11006.599	49.62	18.99	74.0	-24.38	Peak	291.00	150	Horizontal	Pass
5**	11006.599	38.44	18.99	54.0	-15.56	AV	291.00	150	Horizontal	Pass
6	17702.588	56.93	24.40	74.0	-17.07	Peak	0.00	150	Horizontal	Pass
6**	17702.588	44.64	24.40	54.0	-9.36	AV	0.00	150	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	1400.200	43.01	-14.90	74.0	-30.99	Peak	325.00	150	Vertical	Pass
1**	1400.200	32.37	-14.90	54.0	-21.63	AV	325.00	150	Vertical	Pass
2	2459.400	99.88	-10.34	74.0	25.88	Peak	307.00	150	Vertical	N/A
2**	2459.400	93.64	-10.34	54.0	39.64	AV	307.00	150	Vertical	N/A
3	3167.400	44.32	-6.15	74.0	-29.68	Peak	61.00	150	Vertical	Pass
3**	3167.400	33.87	-6.15	54.0	-20.13	AV	61.00	150	Vertical	Pass
4	6186.400	51.43	2.88	74.0	-22.57	Peak	194.00	150	Vertical	Pass
4**	6186.400	41.56	2.88	54.0	-12.44	AV	194.00	150	Vertical	Pass
5	10607.263	50.45	18.52	74.0	-23.55	Peak	150.00	150	Vertical	Pass
5**	10607.263	38.00	18.52	54.0	-16.00	AV	150.00	150	Vertical	Pass
6	17284.688	56.12	24.52	74.0	-17.88	Peak	156.00	150	Vertical	Pass
6**	17284.688	44.54	24.52	54.0	-9.46	AV	156.00	150	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	1496.100	49.55	-14.97	74.0	-24.45	Peak	18.00	150	Horizontal	Pass
1**	1496.100	41.41	-14.97	54.0	-12.59	AV	18.00	150	Horizontal	Pass
2	2090.100	51.11	-11.87	74.0	-22.89	Peak	311.00	150	Horizontal	Pass
2**	2090.100	31.15	-11.87	54.0	-22.85	AV	311.00	150	Horizontal	Pass
3	2427.800	100.27	-10.19	74.0	26.27	Peak	78.00	150	Horizontal	N/A
3**	2427.800	92.76	-10.19	54.0	38.76	AV	78.00	150	Horizontal	N/A
4	5645.200	50.18	0.11	74.0	-23.82	Peak	112.00	150	Horizontal	Pass
4**	5645.200	40.21	0.11	54.0	-13.79	AV	112.00	150	Horizontal	Pass
5	12094.788	49.89	19.36	74.0	-24.11	Peak	47.00	150	Horizontal	Pass
5**	12094.788	37.38	19.36	54.0	-16.62	AV	47.00	150	Horizontal	Pass
6	15696.037	57.19	23.58	74.0	-16.81	Peak	0.00	150	Horizontal	Pass
6**	15696.037	43.63	23.58	54.0	-10.37	AV	0.00	150	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	1499.700	48.49	-15.19	74.0	-25.51	Peak	0.00	150	Vertical	Pass
1**	1499.700	45.00	-15.19	54.0	-9.00	AV	0.00	150	Vertical	Pass
2	2418.100	97.18	-9.97	74.0	23.18	Peak	336.00	150	Vertical	N/A
2**	2418.100	90.46	-9.97	54.0	36.46	AV	336.00	150	Vertical	N/A
3	3216.000	43.63	-6.94	74.0	-30.37	Peak	31.00	150	Vertical	Pass
3**	3216.000	37.46	-6.94	54.0	-16.54	AV	31.00	150	Vertical	Pass
4	6418.600	52.19	3.99	74.0	-21.81	Peak	31.00	150	Vertical	Pass
4**	6418.600	43.14	3.99	54.0	-10.86	AV	31.00	150	Vertical	Pass
5	10487.950	49.85	18.51	74.0	-24.15	Peak	184.00	150	Vertical	Pass
5**	10487.950	39.00	18.51	54.0	-15.00	AV	184.00	150	Vertical	Pass
6	17680.538	56.43	24.45	74.0	-17.57	Peak	0.00	150	Vertical	Pass
6**	17680.538	44.89	24.45	54.0	-9.11	AV	0.00	150	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	1500.300	49.07	-15.20	74.0	-24.93	Peak	147.00	150	Horizontal	Pass
1**	1500.300	36.41	-15.20	54.0	-17.59	AV	147.00	150	Horizontal	Pass
2	2100.900	48.62	-11.46	74.0	-25.38	Peak	274.00	150	Horizontal	Pass
2**	2100.900	38.83	-11.46	54.0	-15.17	AV	274.00	150	Horizontal	Pass
3	2425.800	99.34	-10.07	74.0	25.34	Peak	81.00	150	Horizontal	N/A
3**	2425.800	91.38	-10.07	54.0	37.38	AV	81.00	150	Horizontal	N/A
4	5727.400	50.94	-0.36	74.0	-23.06	Peak	144.00	150	Horizontal	Pass
4**	5727.400	41.63	-0.36	54.0	-12.37	AV	144.00	150	Horizontal	Pass
5	11659.225	50.44	20.28	74.0	-23.56	Peak	29.00	150	Horizontal	Pass
5**	11659.225	38.25	20.28	54.0	-15.75	AV	29.00	150	Horizontal	Pass
6	17303.325	56.42	24.55	74.0	-17.58	Peak	181.00	150	Horizontal	Pass
6**	17303.325	45.23	24.55	54.0	-8.77	AV	181.00	150	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	1500.000	45.91	-15.19	74.0	-28.09	Peak	108.00	150	Vertical	Pass
1**	1500.000	37.17	-15.19	54.0	-16.83	AV	108.00	150	Vertical	Pass
2	2114.900	47.56	-11.70	74.0	-26.44	Peak	15.00	150	Vertical	Pass
2**	2114.900	29.30	-11.70	54.0	-24.70	AV	15.00	150	Vertical	Pass
3	2447.100	97.19	-10.24	74.0	23.19	Peak	136.00	150	Vertical	N/A
3**	2447.100	90.04	-10.24	54.0	36.04	AV	136.00	150	Vertical	N/A
4	3216.000	43.78	-6.94	74.0	-30.22	Peak	250.00	150	Vertical	Pass
4**	3216.000	38.95	-6.94	54.0	-15.05	AV	250.00	150	Vertical	Pass
5	5598.800	50.50	0.31	74.0	-23.50	Peak	132.00	150	Vertical	Pass
5**	5598.800	41.12	0.31	54.0	-12.88	AV	132.00	150	Vertical	Pass
6	17200.163	56.14	23.80	74.0	-17.86	Peak	158.00	150	Vertical	Pass
6**	17200.163	44.30	23.80	54.0	-9.70	AV	158.00	150	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	1500.400	51.65	-15.19	74.0	-22.35	Peak	186.00	150	Horizontal	Pass
1**	1500.400	36.25	-15.19	54.0	-17.75	AV	186.00	150	Horizontal	Pass
2	2100.600	49.60	-11.50	74.0	-24.40	Peak	292.00	150	Horizontal	Pass
2**	2100.600	38.29	-11.50	54.0	-15.71	AV	292.00	150	Horizontal	Pass
3	2445.300	100.10	-10.40	74.0	26.10	Peak	79.00	150	Horizontal	N/A
3**	2445.300	92.99	-10.40	54.0	38.99	AV	79.00	150	Horizontal	N/A
4	3923.400	46.83	-4.56	74.0	-27.17	Peak	46.00	150	Horizontal	Pass
4**	3923.400	35.43	-4.56	54.0	-18.57	AV	46.00	150	Horizontal	Pass
5	10402.562	49.89	18.50	74.0	-24.11	Peak	136.00	150	Horizontal	Pass
5**	10402.562	38.06	18.50	54.0	-15.94	AV	136.00	150	Horizontal	Pass
6	15235.613	55.80	22.00	74.0	-18.20	Peak	336.00	150	Horizontal	Pass
6**	15235.613	42.28	22.00	54.0	-11.72	AV	336.00	150	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	1496.100	50.19	-14.97	74.0	-23.81	Peak	0.00	150	Vertical	Pass
1**	1496.100	32.27	-14.97	54.0	-21.73	AV	0.00	150	Vertical	Pass
2	2439.800	99.30	-10.52	74.0	25.30	Peak	79.00	150	Vertical	N/A
2**	2439.800	92.63	-10.52	54.0	38.63	AV	79.00	150	Vertical	N/A
3	3592.800	44.52	-5.78	74.0	-29.48	Peak	132.00	150	Vertical	Pass
3**	3592.800	34.70	-5.78	54.0	-19.30	AV	132.00	150	Vertical	Pass
4	6654.400	51.83	4.65	74.0	-22.17	Peak	52.00	150	Vertical	Pass
4**	6654.400	42.36	4.65	54.0	-11.64	AV	52.00	150	Vertical	Pass
5	12371.937	50.57	19.49	74.0	-23.43	Peak	361.00	150	Vertical	Pass
5**	12371.937	38.22	19.49	54.0	-15.78	AV	361.00	150	Vertical	Pass
6	17710.725	57.15	24.28	74.0	-16.85	Peak	201.00	150	Vertical	Pass
6**	17710.725	45.08	24.28	54.0	-8.92	AV	201.00	150	Vertical	Pass

Aux. Antenna

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	1500.700	43.71	-15.16	74.0	-30.29	Peak	37.00	150	Horizontal	Pass
1**	1500.700	48.36	-15.16	54.0	-5.64	AV	37.00	150	Horizontal	Pass
2	2411.100	99.98	-10.37	74.0	25.98	Peak	69.00	150	Horizontal	N/A
2**	2411.100	97.54	-10.37	54.0	43.54	AV	69.00	150	Horizontal	N/A
3	4840.400	48.58	-1.32	74.0	-25.42	Peak	270.00	150	Horizontal	Pass
3**	4840.400	38.89	-1.32	54.0	-15.11	AV	270.00	150	Horizontal	Pass
4	6764.200	52.66	4.11	74.0	-21.34	Peak	325.00	150	Horizontal	Pass
4**	6764.200	41.99	4.11	54.0	-12.01	AV	325.00	150	Horizontal	Pass
5	12458.474	51.24	18.62	74.0	-22.76	Peak	360.00	150	Horizontal	Pass
5**	12458.474	39.71	18.62	54.0	-14.29	AV	360.00	150	Horizontal	Pass
6	17301.225	56.45	24.58	74.0	-17.55	Peak	361.00	150	Horizontal	Pass
6**	17301.225	45.87	24.58	54.0	-8.13	AV	361.00	150	Horizontal	Pass

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	1498.400	50.07	-15.16	74.0	-23.93	Peak	67.00	150	Vertical	Pass
1**	1498.400	38.61	-15.16	54.0	-15.39	AV	67.00	150	Vertical	Pass
2	2102.300	48.47	-11.44	74.0	-25.53	Peak	33.00	150	Vertical	Pass
2**	2102.300	34.72	-11.44	54.0	-19.28	AV	33.00	150	Vertical	Pass
3	2412.900	98.66	-10.20	74.0	24.66	Peak	304.00	150	Vertical	N/A
3**	2412.900	96.32	-10.20	54.0	42.32	AV	304.00	150	Vertical	N/A
4	5360.200	50.25	-0.25	74.0	-23.75	Peak	235.00	150	Vertical	Pass
4**	5360.200	41.50	-0.25	54.0	-12.50	AV	235.00	150	Vertical	Pass
5	12085.012	50.19	19.27	74.0	-23.81	Peak	300.00	150	Vertical	Pass
5**	12085.012	37.46	19.27	54.0	-16.54	AV	300.00	150	Vertical	Pass
6	17812.838	56.60	23.89	74.0	-17.40	Peak	363.00	150	Vertical	Pass
6**	17812.838	44.81	23.89	54.0	-9.19	AV	363.00	150	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	1502.500	46.92	-14.99	74.0	-27.08	Peak	360.00	150	Horizontal	Pass
1**	1502.500	35.29	-14.99	54.0	-18.71	AV	360.00	150	Horizontal	Pass
2	2436.100	100.88	-10.62	74.0	26.88	Peak	67.00	150	Horizontal	N/A
2**	2436.100	98.39	-10.62	54.0	44.39	AV	67.00	150	Horizontal	N/A
3	4305.600	46.89	-3.37	74.0	-27.11	Peak	174.00	150	Horizontal	Pass
3**	4305.600	38.56	-3.37	54.0	-15.44	AV	174.00	150	Horizontal	Pass
4	6410.400	51.99	3.89	74.0	-22.01	Peak	138.00	150	Horizontal	Pass
4**	6410.400	42.45	3.89	54.0	-11.55	AV	138.00	150	Horizontal	Pass
5	12351.813	51.27	19.70	74.0	-22.73	Peak	234.00	150	Horizontal	Pass
5**	12351.813	38.66	19.70	54.0	-15.34	AV	234.00	150	Horizontal	Pass
6	17219.588	55.93	23.94	74.0	-18.07	Peak	361.00	150	Horizontal	Pass
6**	17219.588	44.15	23.94	54.0	-9.85	AV	361.00	150	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	1498.300	46.50	-15.16	74.0	-27.50	Peak	284.00	150	Vertical	Pass
1**	1498.300	33.74	-15.16	54.0	-20.26	AV	284.00	150	Vertical	Pass
2	2089.200	48.34	-11.90	74.0	-25.66	Peak	360.00	150	Vertical	Pass
2**	2089.200	34.61	-11.90	54.0	-19.39	AV	360.00	150	Vertical	Pass
3	2437.800	98.89	-10.60	74.0	24.89	Peak	319.00	150	Vertical	N/A
3**	2437.800	96.48	-10.60	54.0	42.48	AV	319.00	150	Vertical	N/A
4	4742.000	48.28	-1.99	74.0	-25.72	Peak	360.00	150	Vertical	Pass
4**	4742.000	38.34	-1.99	54.0	-15.66	AV	360.00	150	Vertical	Pass
5	12158.037	50.27	20.02	74.0	-23.73	Peak	266.00	150	Vertical	Pass
5**	12158.037	38.12	20.02	54.0	-15.88	AV	266.00	150	Vertical	Pass
6	15883.463	56.46	23.34	74.0	-17.54	Peak	263.00	150	Vertical	Pass
6**	15883.463	42.92	23.34	54.0	-11.08	AV	263.00	150	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	1499.500	50.86	-15.18	74.0	-23.14	Peak	94.00	150	Horizontal	Pass
1**	1499.500	34.51	-15.18	54.0	-19.49	AV	94.00	150	Horizontal	Pass
2	2090.500	47.92	-11.85	74.0	-26.08	Peak	34.00	150	Horizontal	Pass
2**	2090.500	29.74	-11.85	54.0	-24.26	AV	34.00	150	Horizontal	Pass
3	2462.800	100.67	-10.46	74.0	26.67	Peak	84.00	150	Horizontal	N/A
3**	2462.800	97.87	-10.46	54.0	43.87	AV	84.00	150	Horizontal	N/A
4	4906.200	48.46	-0.75	74.0	-25.54	Peak	283.00	150	Horizontal	Pass
4**	4906.200	38.91	-0.75	54.0	-15.09	AV	283.00	150	Horizontal	Pass
5	8068.925	49.49	18.45	74.0	-24.51	Peak	101.00	150	Horizontal	Pass
5**	8068.925	37.48	18.45	54.0	-16.52	AV	101.00	150	Horizontal	Pass
6	17245.313	56.55	24.20	74.0	-17.45	Peak	42.00	150	Horizontal	Pass
6**	17245.313	44.84	24.20	54.0	-9.16	AV	42.00	150	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	1501.500	51.44	-15.09	74.0	-22.56	Peak	289.00	150	Vertical	Pass
1**	1501.500	33.53	-15.09	54.0	-20.47	AV	289.00	150	Vertical	Pass
2	2110.200	49.18	-11.70	74.0	-24.82	Peak	344.00	150	Vertical	Pass
2**	2110.200	33.79	-11.70	54.0	-20.21	AV	344.00	150	Vertical	Pass
3	2462.800	99.42	-10.46	74.0	25.42	Peak	317.00	150	Vertical	N/A
3**	2462.800	97.27	-10.46	54.0	43.27	AV	317.00	150	Vertical	N/A
4	4924.000	49.01	-1.10	74.0	-24.99	Peak	19.00	150	Vertical	Pass
4**	4924.000	43.59	-1.10	54.0	-10.41	AV	19.00	150	Vertical	Pass
5	11791.475	50.26	18.62	74.0	-23.74	Peak	361.00	150	Vertical	Pass
5**	11791.475	37.24	18.62	54.0	-16.76	AV	361.00	150	Vertical	Pass
6	17312.512	56.60	24.42	74.0	-17.40	Peak	148.00	150	Vertical	Pass
6**	17312.512	44.50	24.42	54.0	-9.50	AV	148.00	150	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	1498.000	54.51	-15.14	74.0	-19.49	Peak	32.00	150	Horizontal	Pass
1**	1498.000	38.15	-15.14	54.0	-15.85	AV	32.00	150	Horizontal	Pass
2	2419.100	101.28	-9.98	74.0	27.28	Peak	78.00	150	Horizontal	N/A
2**	2419.100	94.74	-9.98	54.0	40.74	AV	78.00	150	Horizontal	N/A
3	4796.800	48.46	-1.64	74.0	-25.54	Peak	20.00	150	Horizontal	Pass
3**	4796.800	38.88	-1.64	54.0	-15.12	AV	20.00	150	Horizontal	Pass
4	6226.800	51.93	3.73	74.0	-22.07	Peak	111.00	150	Horizontal	Pass
4**	6226.800	42.71	3.73	54.0	-11.29	AV	111.00	150	Horizontal	Pass
5	10237.825	49.11	18.16	74.0	-24.89	Peak	13.00	150	Horizontal	Pass
5**	10237.825	38.58	18.16	54.0	-15.42	AV	13.00	150	Horizontal	Pass
6	17328.525	56.62	24.16	74.0	-17.38	Peak	95.00	150	Horizontal	Pass
6**	17328.525	45.26	24.16	54.0	-8.74	AV	95.00	150	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	1497.700	49.12	-15.11	74.0	-24.88	Peak	219.00	150	Vertical	Pass
1**	1497.700	41.27	-15.11	54.0	-12.73	AV	219.00	150	Vertical	Pass
2	2110.100	50.37	-11.69	74.0	-23.63	Peak	10.00	150	Vertical	Pass
2**	2110.100	39.24	-11.69	54.0	-14.76	AV	10.00	150	Vertical	Pass
3	2410.200	98.68	-10.41	74.0	24.68	Peak	159.00	150	Vertical	N/A
3**	2410.200	92.11	-10.41	54.0	38.11	AV	159.00	150	Vertical	N/A
4	5139.400	49.35	-0.73	74.0	-24.65	Peak	47.00	150	Vertical	Pass
4**	5139.400	39.69	-0.73	54.0	-14.31	AV	47.00	150	Vertical	Pass
5	11794.638	50.22	18.59	74.0	-23.78	Peak	256.00	150	Vertical	Pass
5**	11794.638	38.41	18.59	54.0	-15.59	AV	256.00	150	Vertical	Pass
6	17286.001	56.38	24.53	74.0	-17.62	Peak	361.00	150	Vertical	Pass
6**	17286.001	46.03	24.53	54.0	-7.97	AV	361.00	150	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	1500.300	54.16	-15.20	74.0	-19.84	Peak	38.00	150	Horizontal	Pass
1**	1500.300	40.69	-15.20	54.0	-13.31	AV	38.00	150	Horizontal	Pass
2	2100.100	45.23	-11.57	74.0	-28.77	Peak	173.00	150	Horizontal	Pass
2**	2100.100	36.07	-11.57	54.0	-17.93	AV	173.00	150	Horizontal	Pass
3	2432.600	101.78	-10.40	74.0	27.78	Peak	81.00	150	Horizontal	N/A
3**	2432.600	95.19	-10.40	54.0	41.19	AV	81.00	150	Horizontal	N/A
4	4501.600	47.82	-2.66	74.0	-26.18	Peak	0.00	150	Horizontal	Pass
4**	4501.600	39.15	-2.66	54.0	-14.85	AV	0.00	150	Horizontal	Pass
5	11613.513	50.77	20.20	74.0	-23.23	Peak	200.00	150	Horizontal	Pass
5**	11613.513	38.94	20.20	54.0	-15.06	AV	200.00	150	Horizontal	Pass
6	17264.738	56.43	24.30	74.0	-17.57	Peak	0.00	150	Horizontal	Pass
6**	17264.738	45.74	24.30	54.0	-8.26	AV	0.00	150	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	1510.200	49.73	-15.02	74.0	-24.27	Peak	179.00	150	Vertical	Pass
1**	1510.200	45.80	-15.02	54.0	-8.20	AV	179.00	150	Vertical	Pass
2	2102.300	48.36	-11.44	74.0	-25.64	Peak	179.00	150	Vertical	Pass
2**	2102.300	34.14	-11.44	54.0	-19.86	AV	179.00	150	Vertical	Pass
3	2443.400	98.96	-10.45	74.0	24.96	Peak	338.00	150	Vertical	N/A
3**	2443.400	92.44	-10.45	54.0	38.44	AV	338.00	150	Vertical	N/A
4	4253.800	47.04	-3.10	74.0	-26.96	Peak	220.00	150	Vertical	Pass
4**	4253.800	37.00	-3.10	54.0	-17.00	AV	220.00	150	Vertical	Pass
5	10917.188	50.45	18.47	74.0	-23.55	Peak	361.00	150	Vertical	Pass
5**	10917.188	37.18	18.47	54.0	-16.82	AV	361.00	150	Vertical	Pass
6	17286.261	55.91	24.53	74.0	-18.09	Peak	0.00	150	Vertical	Pass
6**	17286.261	44.88	24.53	54.0	-9.12	AV	0.00	150	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	1501.600	50.27	-15.08	74.0	-23.73	Peak	39.00	150	Horizontal	Pass
1**	1501.600	31.39	-15.08	54.0	-22.61	AV	39.00	150	Horizontal	Pass
2	2101.900	49.19	-11.38	74.0	-24.81	Peak	39.00	150	Horizontal	Pass
2**	2101.900	32.38	-11.38	54.0	-21.62	AV	39.00	150	Horizontal	Pass
3	2466.700	101.32	-10.62	74.0	27.32	Peak	82.00	150	Horizontal	N/A
3**	2466.700	94.42	-10.62	54.0	40.42	AV	82.00	150	Horizontal	N/A
4	4848.600	48.78	-1.24	74.0	-25.22	Peak	0.00	150	Horizontal	Pass
4**	4848.600	40.03	-1.24	54.0	-13.97	AV	0.00	150	Horizontal	Pass
5	10507.787	49.57	18.35	74.0	-24.43	Peak	333.00	150	Horizontal	Pass
5**	10507.787	36.60	18.35	54.0	-17.40	AV	333.00	150	Horizontal	Pass
6	17279.699	57.09	24.49	74.0	-16.91	Peak	11.00	150	Horizontal	Pass
6**	17279.699	45.60	24.49	54.0	-8.40	AV	11.00	150	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	1493.500	44.86	-15.10	74.0	-29.14	Peak	81.00	150	Vertical	Pass
1**	1493.500	34.25	-15.10	54.0	-19.75	AV	81.00	150	Vertical	Pass
2	2102.100	47.74	-11.41	74.0	-26.26	Peak	9.00	150	Vertical	Pass
2**	2102.100	34.91	-11.41	54.0	-19.09	AV	9.00	150	Vertical	Pass
3	2463.400	98.81	-10.47	74.0	24.81	Peak	336.00	150	Vertical	N/A
3**	2463.400	91.58	-10.47	54.0	37.58	AV	336.00	150	Vertical	N/A
4	4995.400	48.90	-1.00	74.0	-25.10	Peak	309.00	150	Vertical	Pass
4**	4995.400	39.20	-1.00	54.0	-14.80	AV	309.00	150	Vertical	Pass
5	10422.112	49.78	18.64	74.0	-24.22	Peak	0.00	150	Vertical	Pass
5**	10422.112	38.71	18.64	54.0	-15.29	AV	0.00	150	Vertical	Pass
6	17868.225	56.61	24.32	74.0	-17.39	Peak	210.00	150	Vertical	Pass
6**	17868.225	46.70	24.32	54.0	-7.30	AV	210.00	150	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	1500.100	49.08	-15.20	74.0	-24.92	Peak	167.00	150	Horizontal	Pass
1**	1500.100	36.65	-15.20	54.0	-17.35	AV	167.00	150	Horizontal	Pass
2	2090.000	47.18	-11.87	74.0	-26.82	Peak	300.00	150	Horizontal	Pass
2**	2090.000	43.51	-11.87	54.0	-10.49	AV	300.00	150	Horizontal	Pass
3	2409.400	101.14	-10.46	74.0	27.14	Peak	78.00	150	Horizontal	N/A
3**	2409.400	93.92	-10.46	54.0	39.92	AV	78.00	150	Horizontal	N/A
4	4846.000	48.34	-1.28	74.0	-25.66	Peak	7.00	150	Horizontal	Pass
4**	4846.000	39.27	-1.28	54.0	-14.73	AV	7.00	150	Horizontal	Pass
5	8033.563	50.22	18.21	74.0	-23.78	Peak	186.00	150	Horizontal	Pass
5**	8033.563	38.73	18.21	54.0	-15.27	AV	186.00	150	Horizontal	Pass
6	17420.401	56.64	23.64	74.0	-17.36	Peak	206.00	150	Horizontal	Pass
6**	17420.401	45.08	23.64	54.0	-8.92	AV	206.00	150	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	1496.500	47.24	-15.01	74.0	-26.76	Peak	153.00	150	Vertical	Pass
1**	1496.500	36.45	-15.01	54.0	-17.55	AV	153.00	150	Vertical	Pass
2	2100.000	44.04	-11.58	74.0	-29.96	Peak	41.00	150	Vertical	Pass
2**	2100.000	46.83	-11.58	54.0	-7.17	AV	41.00	150	Vertical	Pass
3	2414.800	99.71	-10.06	74.0	25.71	Peak	328.00	150	Vertical	N/A
3**	2414.800	93.00	-10.06	54.0	39.00	AV	328.00	150	Vertical	N/A
4	4826.000	48.42	-1.32	74.0	-25.58	Peak	13.00	150	Vertical	Pass
4**	4826.000	38.71	-1.32	54.0	-15.29	AV	13.00	150	Vertical	Pass
5	8035.575	48.89	18.15	74.0	-25.11	Peak	104.00	150	Vertical	Pass
5**	8035.575	36.95	18.15	54.0	-17.05	AV	104.00	150	Vertical	Pass
6	15678.713	55.93	23.58	74.0	-18.07	Peak	208.00	150	Vertical	Pass
6**	15678.713	44.73	23.58	54.0	-9.27	AV	208.00	150	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	1499.700	51.94	-15.19	74.0	-22.06	Peak	188.00	150	Horizontal	Pass
1**	1499.700	38.35	-15.19	54.0	-15.65	AV	188.00	150	Horizontal	Pass
2	2101.800	46.97	-11.36	74.0	-27.03	Peak	266.00	150	Horizontal	Pass
2**	2101.800	30.36	-11.36	54.0	-23.64	AV	266.00	150	Horizontal	Pass
3	2435.100	102.68	-10.60	74.0	28.68	Peak	82.00	150	Horizontal	N/A
3**	2435.100	94.47	-10.60	54.0	40.47	AV	82.00	150	Horizontal	N/A
4	4852.800	48.79	-1.40	74.0	-25.21	Peak	64.00	150	Horizontal	Pass
4**	4852.800	40.63	-1.40	54.0	-13.37	AV	64.00	150	Horizontal	Pass
5	9078.338	49.92	18.12	74.0	-24.08	Peak	8.00	150	Horizontal	Pass
5**	9078.338	37.54	18.12	54.0	-16.46	AV	8.00	150	Horizontal	Pass
6	17338.239	56.34	23.98	74.0	-17.66	Peak	180.00	150	Horizontal	Pass
6**	17338.239	45.38	23.98	54.0	-8.62	AV	180.00	150	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	1501.200	50.28	-15.12	74.0	-23.72	Peak	70.00	150	Vertical	Pass
1**	1501.200	36.86	-15.12	54.0	-17.14	AV	70.00	150	Vertical	Pass
2	2100.400	47.57	-11.53	74.0	-26.43	Peak	183.00	150	Vertical	Pass
2**	2100.400	36.41	-11.53	54.0	-17.59	AV	183.00	150	Vertical	Pass
3	2440.900	100.71	-10.52	74.0	26.71	Peak	327.00	150	Vertical	N/A
3**	2440.900	93.30	-10.52	54.0	39.30	AV	327.00	150	Vertical	N/A
4	4842.200	49.22	-1.29	74.0	-24.78	Peak	220.00	150	Vertical	Pass
4**	4842.200	40.17	-1.29	54.0	-13.83	AV	220.00	150	Vertical	Pass
5	8072.088	48.80	18.51	74.0	-25.20	Peak	8.00	150	Vertical	Pass
5**	8072.088	37.24	18.51	54.0	-16.76	AV	8.00	150	Vertical	Pass
6	17549.812	57.02	24.14	74.0	-16.98	Peak	51.00	150	Vertical	Pass
6**	17549.812	44.80	24.14	54.0	-9.20	AV	51.00	150	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	1478.900	50.87	-14.99	74.0	-23.13	Peak	25.00	150	Horizontal	Pass
1**	1478.900	41.76	-14.99	54.0	-12.24	AV	25.00	150	Horizontal	Pass
2	2098.800	50.32	-11.55	74.0	-23.68	Peak	289.00	150	Horizontal	Pass
2**	2098.800	36.43	-11.55	54.0	-17.57	AV	289.00	150	Horizontal	Pass
3	2466.500	101.04	-10.60	74.0	27.04	Peak	79.00	150	Horizontal	N/A
3**	2466.500	94.07	-10.60	54.0	40.07	AV	79.00	150	Horizontal	N/A
4	4880.600	48.87	-1.22	74.0	-25.13	Peak	300.00	150	Horizontal	Pass
4**	4880.600	39.75	-1.22	54.0	-14.25	AV	300.00	150	Horizontal	Pass
5	8384.600	48.85	16.89	74.0	-25.15	Peak	143.00	150	Horizontal	Pass
5**	8384.600	38.17	16.89	54.0	-15.83	AV	143.00	150	Horizontal	Pass
6	17258.437	56.47	24.24	74.0	-17.53	Peak	169.00	150	Horizontal	Pass
6**	17258.437	44.70	24.24	54.0	-9.30	AV	169.00	150	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	1499.700	45.71	-15.19	74.0	-28.29	Peak	357.00	150	Vertical	Pass
1**	1499.700	34.82	-15.19	54.0	-19.18	AV	357.00	150	Vertical	Pass
2	2099.800	45.03	-11.61	74.0	-28.97	Peak	93.00	150	Vertical	Pass
2**	2099.800	31.10	-11.61	54.0	-22.90	AV	93.00	150	Vertical	Pass
3	2459.500	100.13	-10.35	74.0	26.13	Peak	330.00	150	Vertical	N/A
3**	2459.500	93.42	-10.35	54.0	39.42	AV	330.00	150	Vertical	N/A
4	2699.700	50.53	-9.51	74.0	-23.47	Peak	125.00	150	Vertical	Pass
4**	2699.700	30.58	-9.51	54.0	-23.42	AV	125.00	150	Vertical	Pass
5	6285.200	52.63	2.19	74.0	-21.37	Peak	71.00	150	Vertical	Pass
5**	6285.200	41.57	2.19	54.0	-12.43	AV	71.00	150	Vertical	Pass
6	16203.450	55.81	23.49	74.0	-18.19	Peak	288.00	150	Vertical	Pass
6**	16203.450	42.62	23.49	54.0	-11.38	AV	288.00	150	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	1500.900	49.68	-15.14	74.0	-24.32	Peak	35.00	150	Horizontal	Pass
1**	1500.900	36.19	-15.14	54.0	-17.81	AV	35.00	150	Horizontal	Pass
2	2079.400	49.98	-12.08	74.0	-24.02	Peak	94.00	150	Horizontal	Pass
2**	2079.400	38.72	-12.08	54.0	-15.28	AV	94.00	150	Horizontal	Pass
3	2429.400	99.37	-10.32	74.0	25.37	Peak	73.00	150	Horizontal	N/A
3**	2429.400	93.20	-10.32	54.0	39.20	AV	73.00	150	Horizontal	N/A
4	4757.000	48.81	-2.10	74.0	-25.19	Peak	270.00	150	Horizontal	Pass
4**	4757.000	38.65	-2.10	54.0	-15.35	AV	270.00	150	Horizontal	Pass
5	8122.113	49.13	17.52	74.0	-24.87	Peak	303.00	150	Horizontal	Pass
5**	8122.113	38.01	17.52	54.0	-15.99	AV	303.00	150	Horizontal	Pass
6	17302.012	56.62	24.57	74.0	-17.38	Peak	263.00	150	Horizontal	Pass
6**	17302.012	45.02	24.57	54.0	-8.98	AV	263.00	150	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	1493.800	47.77	-15.10	74.0	-26.23	Peak	360.00	150	Vertical	Pass
1**	1493.800	38.01	-15.10	54.0	-15.99	AV	360.00	150	Vertical	Pass
2	2101.800	51.72	-11.36	74.0	-22.28	Peak	180.00	150	Vertical	Pass
2**	2101.800	37.91	-11.36	54.0	-16.09	AV	180.00	150	Vertical	Pass
3	2417.800	97.59	-9.99	74.0	23.59	Peak	338.00	150	Vertical	N/A
3**	2417.800	91.32	-9.99	54.0	37.32	AV	338.00	150	Vertical	N/A
4	4845.000	48.76	-1.24	74.0	-25.24	Peak	356.00	150	Vertical	Pass
4**	4845.000	40.13	-1.24	54.0	-13.87	AV	356.00	150	Vertical	Pass
5	8608.562	49.50	18.23	74.0	-24.50	Peak	279.00	150	Vertical	Pass
5**	8608.562	37.61	18.23	54.0	-16.39	AV	279.00	150	Vertical	Pass
6	17296.239	57.10	24.58	74.0	-16.90	Peak	126.00	150	Vertical	Pass
6**	17296.239	45.08	24.58	54.0	-8.92	AV	126.00	150	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	1499.600	49.43	-15.19	74.0	-24.57	Peak	170.00	150	Horizontal	Pass
1**	1499.600	37.77	-15.19	54.0	-16.23	AV	170.00	150	Horizontal	Pass
2	2100.300	50.95	-11.54	74.0	-23.05	Peak	92.00	150	Horizontal	Pass
2**	2100.300	43.08	-11.54	54.0	-10.92	AV	92.00	150	Horizontal	Pass
3	2433.400	99.35	-10.42	74.0	25.35	Peak	80.00	150	Horizontal	N/A
3**	2433.400	91.72	-10.42	54.0	37.72	AV	80.00	150	Horizontal	N/A
4	5036.600	49.13	-0.76	74.0	-24.87	Peak	43.00	150	Horizontal	Pass
4**	5036.600	39.06	-0.76	54.0	-14.94	AV	43.00	150	Horizontal	Pass
5	9670.300	49.48	18.69	74.0	-24.52	Peak	360.00	150	Horizontal	Pass
5**	9670.300	38.15	18.69	54.0	-15.85	AV	360.00	150	Horizontal	Pass
6	17453.738	56.69	23.64	74.0	-17.31	Peak	235.00	150	Horizontal	Pass
6**	17453.738	44.67	23.64	54.0	-9.33	AV	235.00	150	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	1502.500	50.52	-14.99	74.0	-23.48	Peak	280.00	150	Vertical	Pass
1**	1502.500	37.86	-14.99	54.0	-16.14	AV	280.00	150	Vertical	Pass
2	2102.900	48.50	-11.54	74.0	-25.50	Peak	187.00	150	Vertical	Pass
2**	2102.900	32.47	-11.54	54.0	-21.53	AV	187.00	150	Vertical	Pass
3	2447.600	98.08	-10.18	74.0	24.08	Peak	326.00	150	Vertical	N/A
3**	2447.600	90.09	-10.18	54.0	36.09	AV	326.00	150	Vertical	N/A
4	5071.800	49.45	-0.37	74.0	-24.55	Peak	225.00	150	Vertical	Pass
4**	5071.800	39.44	-0.37	54.0	-14.56	AV	225.00	150	Vertical	Pass
5	8673.250	49.34	17.91	74.0	-24.66	Peak	253.00	150	Vertical	Pass
5**	8673.250	38.41	17.91	54.0	-15.59	AV	253.00	150	Vertical	Pass
6	17295.712	57.65	24.57	74.0	-16.35	Peak	2.00	150	Vertical	Pass
6**	17295.712	45.16	24.57	54.0	-8.84	AV	2.00	150	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	1502.500	52.22	-14.99	74.0	-21.78	Peak	114.00	150	Horizontal	Pass
1**	1502.500	39.35	-14.99	54.0	-14.65	AV	114.00	150	Horizontal	Pass
2	2102.800	48.41	-11.53	74.0	-25.59	Peak	55.00	150	Horizontal	Pass
2**	2102.800	35.48	-11.53	54.0	-18.52	AV	55.00	150	Horizontal	Pass
3	2438.900	99.90	-10.55	74.0	25.90	Peak	81.00	150	Horizontal	N/A
3**	2438.900	91.47	-10.55	54.0	37.47	AV	81.00	150	Horizontal	N/A
4	4943.600	48.78	-1.56	74.0	-25.22	Peak	45.00	150	Horizontal	Pass
4**	4943.600	39.66	-1.56	54.0	-14.34	AV	45.00	150	Horizontal	Pass
5	8072.088	49.42	18.51	74.0	-24.58	Peak	121.00	150	Horizontal	Pass
5**	8072.088	37.44	18.51	54.0	-16.56	AV	121.00	150	Horizontal	Pass
6	17819.400	57.40	23.90	74.0	-16.60	Peak	346.00	150	Horizontal	Pass
6**	17819.400	45.43	23.90	54.0	-8.57	AV	346.00	150	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	1491.300	49.51	-15.13	74.0	-24.49	Peak	77.00	150	Vertical	Pass
1**	1491.300	27.47	-15.13	54.0	-26.53	AV	77.00	150	Vertical	Pass
2	2100.400	49.74	-11.53	74.0	-24.26	Peak	89.00	150	Vertical	Pass
2**	2100.400	42.00	-11.53	54.0	-12.00	AV	89.00	150	Vertical	Pass
3	2448.900	98.09	-10.19	74.0	24.09	Peak	330.00	150	Vertical	N/A
3**	2448.900	91.07	-10.19	54.0	37.07	AV	330.00	150	Vertical	N/A
4	5079.200	49.58	-0.10	74.0	-24.42	Peak	20.00	150	Vertical	Pass
4**	5079.200	39.81	-0.10	54.0	-14.19	AV	20.00	150	Vertical	Pass
5	9062.525	48.77	18.22	74.0	-25.23	Peak	118.00	150	Vertical	Pass
5**	9062.525	38.09	18.22	54.0	-15.91	AV	118.00	150	Vertical	Pass
6	17446.388	56.27	23.63	74.0	-17.73	Peak	184.00	150	Vertical	Pass
6**	17446.388	46.30	23.63	54.0	-7.70	AV	184.00	150	Vertical	Pass

MIMO

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	1502.700	50.54	-15.00	74.0	-23.46	Peak	47.00	150	Horizontal	Pass
1**	1502.700	39.91	-15.00	54.0	-14.09	AV	47.00	150	Horizontal	Pass
2	2102.600	48.87	-11.49	74.0	-25.13	Peak	167.00	150	Horizontal	Pass
2**	2102.600	34.13	-11.49	54.0	-19.87	AV	167.00	150	Horizontal	Pass
3	2410.600	98.96	-10.39	74.0	24.96	Peak	74.00	150	Horizontal	N/A
3**	2410.600	92.34	-10.39	54.0	38.34	AV	74.00	150	Horizontal	N/A
4	5053.400	49.35	-0.91	74.0	-24.65	Peak	195.00	150	Horizontal	Pass
4**	5053.400	39.03	-0.91	54.0	-14.97	AV	195.00	150	Horizontal	Pass
5	8636.450	49.90	18.11	74.0	-24.10	Peak	109.00	150	Horizontal	Pass
5**	8636.450	38.57	18.11	54.0	-15.43	AV	109.00	150	Horizontal	Pass
6	17523.825	56.00	24.10	74.0	-18.00	Peak	21.00	150	Horizontal	Pass
6**	17523.825	45.20	24.10	54.0	-8.80	AV	21.00	150	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	1501.700	49.55	-15.07	74.0	-24.45	Peak	202.00	150	Vertical	Pass
1**	1501.700	33.18	-15.07	54.0	-20.82	AV	202.00	150	Vertical	Pass
2	2100.100	51.61	-11.57	74.0	-22.39	Peak	18.00	150	Vertical	Pass
2**	2100.100	49.91	-11.57	54.0	-4.09	AV	18.00	150	Vertical	Pass
3	2413.500	97.87	-10.13	74.0	23.87	Peak	331.00	150	Vertical	N/A
3**	2413.500	90.82	-10.13	54.0	36.82	AV	331.00	150	Vertical	N/A
4	4849.200	49.24	-1.19	74.0	-24.76	Peak	109.00	150	Vertical	Pass
4**	4849.200	41.15	-1.19	54.0	-12.85	AV	109.00	150	Vertical	Pass
5	7982.962	49.08	18.09	74.0	-24.92	Peak	229.00	150	Vertical	Pass
5**	7982.962	37.07	18.09	54.0	-16.93	AV	229.00	150	Vertical	Pass
6	17190.713	56.94	23.71	74.0	-17.06	Peak	327.00	150	Vertical	Pass
6**	17190.713	44.19	23.71	54.0	-9.81	AV	327.00	150	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	1499.700	50.60	-15.19	74.0	-23.40	Peak	10.00	150	Horizontal	Pass
1**	1499.700	37.29	-15.19	54.0	-16.71	AV	10.00	150	Horizontal	Pass
2	2111.700	45.84	-11.80	74.0	-28.16	Peak	93.00	150	Horizontal	Pass
2**	2111.700	30.45	-11.80	54.0	-23.55	AV	93.00	150	Horizontal	Pass
3	2430.900	103.80	-10.40	74.0	29.80	Peak	80.00	150	Horizontal	N/A
3**	2430.900	97.05	-10.40	54.0	43.05	AV	80.00	150	Horizontal	N/A
4	5556.800	50.56	0.51	74.0	-23.44	Peak	274.00	150	Horizontal	Pass
4**	5556.800	41.90	0.51	54.0	-12.10	AV	274.00	150	Horizontal	Pass
5	9638.963	49.77	18.94	74.0	-24.23	Peak	9.00	150	Horizontal	Pass
5**	9638.963	38.73	18.94	54.0	-15.27	AV	9.00	150	Horizontal	Pass
6	17801.550	57.69	23.88	74.0	-16.31	Peak	149.00	150	Horizontal	Pass
6**	17801.550	45.29	23.88	54.0	-8.71	AV	149.00	150	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	1498.600	47.59	-15.16	74.0	-26.41	Peak	0.00	150	Vertical	Pass
1**	1498.600	30.40	-15.16	54.0	-23.60	AV	0.00	150	Vertical	Pass
2	2099.700	47.11	-11.63	74.0	-26.89	Peak	346.00	150	Vertical	Pass
2**	2099.700	33.37	-11.63	54.0	-20.63	AV	346.00	150	Vertical	Pass
3	2444.000	101.56	-10.42	74.0	27.56	Peak	326.00	150	Vertical	N/A
3**	2444.000	95.23	-10.42	54.0	41.23	AV	326.00	150	Vertical	N/A
4	4871.600	48.62	-1.49	74.0	-25.38	Peak	99.00	150	Vertical	Pass
4**	4871.600	40.74	-1.49	54.0	-13.26	AV	99.00	150	Vertical	Pass
5	8093.650	49.50	17.93	74.0	-24.50	Peak	315.00	150	Vertical	Pass
5**	8093.650	38.06	17.93	54.0	-15.94	AV	315.00	150	Vertical	Pass
6	17316.975	56.55	24.36	74.0	-17.45	Peak	139.00	150	Vertical	Pass
6**	17316.975	45.09	24.36	54.0	-8.91	AV	139.00	150	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	1496.200	52.05	-14.98	74.0	-21.95	Peak	29.00	150	Horizontal	Pass
1**	1496.200	43.74	-14.98	54.0	-10.26	AV	29.00	150	Horizontal	Pass
2	2099.700	46.80	-11.63	74.0	-27.20	Peak	29.00	150	Horizontal	Pass
2**	2099.700	31.88	-11.63	54.0	-22.12	AV	29.00	150	Horizontal	Pass
3	2466.200	102.80	-10.59	74.0	28.80	Peak	77.00	150	Horizontal	N/A
3**	2466.200	97.50	-10.59	54.0	43.50	AV	77.00	150	Horizontal	N/A
4	4948.600	49.26	-1.64	74.0	-24.74	Peak	128.00	150	Horizontal	Pass
4**	4948.600	39.39	-1.64	54.0	-14.61	AV	128.00	150	Horizontal	Pass
5	8072.375	49.24	18.51	74.0	-24.76	Peak	237.00	150	Horizontal	Pass
5**	8072.375	38.07	18.51	54.0	-15.93	AV	237.00	150	Horizontal	Pass
6	17246.886	56.15	24.20	74.0	-17.85	Peak	269.00	150	Horizontal	Pass
6**	17246.886	45.50	24.20	54.0	-8.50	AV	269.00	150	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	1502.800	47.98	-15.00	74.0	-26.02	Peak	56.00	150	Vertical	Pass
1**	1502.800	35.75	-15.00	54.0	-18.25	AV	56.00	150	Vertical	Pass
2	2109.700	47.97	-11.68	74.0	-26.03	Peak	196.00	150	Vertical	Pass
2**	2109.700	29.73	-11.68	54.0	-24.27	AV	196.00	150	Vertical	Pass
3	2458.600	101.91	-10.28	74.0	27.91	Peak	330.00	150	Vertical	N/A
3**	2458.600	95.23	-10.28	54.0	41.23	AV	330.00	150	Vertical	N/A
4	4068.000	47.54	-3.88	74.0	-26.46	Peak	265.00	150	Vertical	Pass
4**	4068.000	38.47	-3.88	54.0	-15.53	AV	265.00	150	Vertical	Pass
5	8586.713	49.58	18.30	74.0	-24.42	Peak	261.00	150	Vertical	Pass
5**	8586.713	37.48	18.30	54.0	-16.52	AV	261.00	150	Vertical	Pass
6	15490.500	56.52	23.82	74.0	-17.48	Peak	71.00	150	Vertical	Pass
6**	15490.500	43.89	23.82	54.0	-10.11	AV	71.00	150	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	1491.400	53.63	-15.13	74.0	-20.37	Peak	24.00	150	Horizontal	Pass
1**	1491.400	43.10	-15.13	54.0	-10.90	AV	24.00	150	Horizontal	Pass
2	2100.200	49.23	-11.56	74.0	-24.77	Peak	196.00	150	Horizontal	Pass
2**	2100.200	34.44	-11.56	54.0	-19.56	AV	196.00	150	Horizontal	Pass
3	2435.000	100.93	-10.59	74.0	26.93	Peak	80.00	150	Horizontal	N/A
3**	2435.000	94.14	-10.59	54.0	40.14	AV	80.00	150	Horizontal	N/A
4	4636.200	48.47	-2.06	74.0	-25.53	Peak	300.00	150	Horizontal	Pass
4**	4636.200	39.54	-2.06	54.0	-14.46	AV	300.00	150	Horizontal	Pass
5	7549.125	48.46	17.57	74.0	-25.54	Peak	328.00	150	Horizontal	Pass
5**	7549.125	37.42	17.57	54.0	-16.58	AV	328.00	150	Horizontal	Pass
6	17313.825	56.72	24.41	74.0	-17.28	Peak	86.00	150	Horizontal	Pass
6**	17313.825	44.47	24.41	54.0	-9.53	AV	86.00	150	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	1500.300	45.64	-15.20	74.0	-28.36	Peak	291.00	150	Vertical	Pass
1**	1500.300	39.68	-15.20	54.0	-14.32	AV	291.00	150	Vertical	Pass
2	2096.600	49.17	-11.47	74.0	-24.83	Peak	176.00	150	Vertical	Pass
2**	2096.600	41.29	-11.47	54.0	-12.71	AV	176.00	150	Vertical	Pass
3	2438.300	99.15	-10.58	74.0	25.15	Peak	318.00	150	Vertical	N/A
3**	2438.300	90.92	-10.58	54.0	36.92	AV	318.00	150	Vertical	N/A
4	4301.800	47.00	-3.56	74.0	-27.00	Peak	107.00	150	Vertical	Pass
4**	4301.800	39.51	-3.56	54.0	-14.49	AV	107.00	150	Vertical	Pass
5	8667.500	49.64	17.96	74.0	-24.36	Peak	289.00	150	Vertical	Pass
5**	8667.500	38.30	17.96	54.0	-15.70	AV	289.00	150	Vertical	Pass
6	17321.964	56.50	24.28	74.0	-17.50	Peak	68.00	150	Vertical	Pass
6**	17321.964	45.38	24.28	54.0	-8.62	AV	68.00	150	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	1503.400	48.13	-15.03	74.0	-25.87	Peak	61.00	150	Horizontal	Pass
1**	1503.400	39.10	-15.03	54.0	-14.90	AV	61.00	150	Horizontal	Pass
2	2101.800	49.15	-11.36	74.0	-24.85	Peak	289.00	150	Horizontal	Pass
2**	2101.800	38.80	-11.36	54.0	-15.20	AV	289.00	150	Horizontal	Pass
3	2433.300	100.62	-10.41	74.0	26.62	Peak	83.00	150	Horizontal	N/A
3**	2433.300	94.96	-10.41	54.0	40.96	AV	83.00	150	Horizontal	N/A
4	4876.800	49.17	-1.38	74.0	-24.83	Peak	2.00	150	Horizontal	Pass
4**	4876.800	39.40	-1.38	54.0	-14.60	AV	2.00	150	Horizontal	Pass
5	8067.775	50.09	18.39	74.0	-23.91	Peak	131.00	150	Horizontal	Pass
5**	8067.775	37.89	18.39	54.0	-16.11	AV	131.00	150	Horizontal	Pass
6	17292.825	56.90	24.56	74.0	-17.10	Peak	186.00	150	Horizontal	Pass
6**	17292.825	45.23	24.56	54.0	-8.77	AV	186.00	150	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	1584.000	48.60	-15.23	74.0	-25.40	Peak	117.00	150	Vertical	Pass
1**	1584.000	41.53	-15.23	54.0	-12.47	AV	117.00	150	Vertical	Pass
2	2099.800	48.75	-11.61	74.0	-25.25	Peak	188.00	150	Vertical	Pass
2**	2099.800	36.92	-11.61	54.0	-17.08	AV	188.00	150	Vertical	Pass
3	2445.900	98.97	-10.38	74.0	24.97	Peak	330.00	150	Vertical	N/A
3**	2445.900	93.24	-10.38	54.0	39.24	AV	330.00	150	Vertical	N/A
4	5075.200	50.00	-0.26	74.0	-24.00	Peak	318.00	150	Vertical	Pass
4**	5075.200	40.65	-0.26	54.0	-13.35	AV	318.00	150	Vertical	Pass
5	8546.175	48.84	18.28	74.0	-25.16	Peak	32.00	150	Vertical	Pass
5**	8546.175	37.15	18.28	54.0	-16.85	AV	32.00	150	Vertical	Pass
6	16826.887	55.93	23.37	74.0	-18.07	Peak	107.00	150	Vertical	Pass
6**	16826.887	43.77	23.37	54.0	-10.23	AV	107.00	150	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	1499.900	51.52	-15.19	74.0	-22.48	Peak	117.00	150	Horizontal	Pass
1**	1499.900	41.04	-15.19	54.0	-12.96	AV	117.00	150	Horizontal	Pass
2	2099.700	46.26	-11.63	74.0	-27.74	Peak	308.00	150	Horizontal	Pass
2**	2099.700	38.69	-11.63	54.0	-15.31	AV	308.00	150	Horizontal	Pass
3	2454.800	100.07	-10.30	74.0	26.07	Peak	85.00	150	Horizontal	N/A
3**	2454.800	94.05	-10.30	54.0	40.05	AV	85.00	150	Horizontal	N/A
4	4330.400	47.95	-2.82	74.0	-26.05	Peak	65.00	150	Horizontal	Pass
4**	4330.400	37.87	-2.82	54.0	-16.13	AV	65.00	150	Horizontal	Pass
5	9028.312	49.78	18.14	74.0	-24.22	Peak	142.00	150	Horizontal	Pass
5**	9028.312	37.54	18.14	54.0	-16.46	AV	142.00	150	Horizontal	Pass
6	17237.699	57.81	24.18	74.0	-16.19	Peak	111.00	150	Horizontal	Pass
6**	17237.699	45.01	24.18	54.0	-8.99	AV	111.00	150	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	1498.600	49.51	-15.16	74.0	-24.49	Peak	178.00	150	Vertical	Pass
1**	1498.600	32.64	-15.16	54.0	-21.36	AV	178.00	150	Vertical	Pass
2	2100.000	49.53	-11.58	74.0	-24.47	Peak	338.00	150	Vertical	Pass
2**	2100.000	48.06	-11.58	54.0	-5.94	AV	338.00	150	Vertical	Pass
3	2463.600	99.52	-10.48	74.0	25.52	Peak	323.00	150	Vertical	N/A
3**	2463.600	92.23	-10.48	54.0	38.23	AV	323.00	150	Vertical	N/A
4	4796.600	49.10	-1.65	74.0	-24.90	Peak	254.00	150	Vertical	Pass
4**	4796.600	39.04	-1.65	54.0	-14.96	AV	254.00	150	Vertical	Pass
5	8063.750	50.24	18.31	74.0	-23.76	Peak	360.00	150	Vertical	Pass
5**	8063.750	37.48	18.31	54.0	-16.52	AV	360.00	150	Vertical	Pass
6	17739.600	56.91	23.95	74.0	-17.09	Peak	360.00	150	Vertical	Pass
6**	17739.600	44.73	23.95	54.0	-9.27	AV	360.00	150	Vertical	Pass

ESP Module

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	1540.600	43.78	-14.99	74.0	-30.22	Peak	171.00	150	Horizontal	Pass
1**	1540.600	26.94	-14.99	54.0	-27.06	AV	171.00	150	Horizontal	Pass
2	2412.500	104.04	-10.25	74.0	30.04	Peak	71.00	150	Horizontal	N/A
2**	2412.500	97.28	-10.25	54.0	43.28	AV	71.00	150	Horizontal	N/A
3	5051.000	49.25	-0.93	74.0	-24.75	Peak	262.00	150	Horizontal	Pass
3**	5051.000	38.90	-0.93	54.0	-15.10	AV	262.00	150	Horizontal	Pass
4	6795.400	51.67	3.25	74.0	-22.33	Peak	219.00	150	Horizontal	Pass
4**	6795.400	40.56	3.25	54.0	-13.44	AV	219.00	150	Horizontal	Pass
5	11775.950	48.43	18.74	74.0	-25.57	Peak	87.00	150	Horizontal	Pass
5**	11775.950	36.91	18.74	54.0	-17.09	AV	87.00	150	Horizontal	Pass
6	17263.688	55.42	24.29	74.0	-18.58	Peak	107.00	150	Horizontal	Pass
6**	17263.688	46.22	24.29	54.0	-7.78	AV	107.00	150	Horizontal	Pass

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	1500.100	44.09	-15.20	74.0	-29.91	Peak	187.00	150	Vertical	Pass
1**	1500.100	34.04	-15.20	54.0	-19.96	AV	187.00	150	Vertical	Pass
2	2412.500	101.78	-10.25	74.0	27.78	Peak	129.00	150	Vertical	N/A
2**	2412.500	95.64	-10.25	54.0	41.64	AV	129.00	150	Vertical	N/A
3	4823.800	49.34	-1.46	74.0	-24.66	Peak	112.00	150	Vertical	Pass
3**	4823.800	40.75	-1.46	54.0	-13.25	AV	112.00	150	Vertical	Pass
4	6938.400	51.35	4.44	74.0	-22.65	Peak	278.00	150	Vertical	Pass
4**	6938.400	42.09	4.44	54.0	-11.91	AV	278.00	150	Vertical	Pass
5	12357.850	49.14	19.65	74.0	-24.86	Peak	182.00	150	Vertical	Pass
5**	12357.850	37.32	19.65	54.0	-16.68	AV	182.00	150	Vertical	Pass
6	17248.199	56.14	24.20	74.0	-17.86	Peak	-1.00	150	Vertical	Pass
6**	17248.199	43.50	24.20	54.0	-10.50	AV	-1.00	150	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	1615.000	41.28	-15.14	74.0	-32.72	Peak	243.00	150	Horizontal	Pass
1**	1615.000	35.28	-15.14	54.0	-18.72	AV	243.00	150	Horizontal	Pass
2	2437.300	103.64	-10.61	74.0	29.64	Peak	74.00	150	Horizontal	N/A
2**	2437.300	98.51	-10.61	54.0	44.51	AV	74.00	150	Horizontal	N/A
3	4874.000	49.41	-1.54	74.0	-24.59	Peak	101.00	150	Horizontal	Pass
3**	4874.000	40.08	-1.54	54.0	-13.92	AV	101.00	150	Horizontal	Pass
4	6929.400	51.59	4.25	74.0	-22.41	Peak	38.00	150	Horizontal	Pass
4**	6929.400	42.52	4.25	54.0	-11.48	AV	38.00	150	Horizontal	Pass
5	11666.987	49.18	20.20	74.0	-24.82	Peak	207.00	150	Horizontal	Pass
5**	11666.987	37.41	20.20	54.0	-16.59	AV	207.00	150	Horizontal	Pass
6	17790.788	55.63	23.81	74.0	-18.37	Peak	135.00	150	Horizontal	Pass
6**	17790.788	43.72	23.81	54.0	-10.28	AV	135.00	150	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	2097.600	47.55	-11.41	74.0	-26.45	Peak	269.00	150	Vertical	Pass
1**	2097.600	29.11	-11.41	54.0	-24.89	AV	269.00	150	Vertical	Pass
2	2439.500	101.79	-10.53	74.0	27.79	Peak	45.00	150	Vertical	N/A
2**	2439.500	96.11	-10.53	54.0	42.11	AV	45.00	150	Vertical	N/A
3	5063.600	48.69	-0.47	74.0	-25.31	Peak	127.00	150	Vertical	Pass
3**	5063.600	39.44	-0.47	54.0	-14.56	AV	127.00	150	Vertical	Pass
4	6766.000	51.34	3.97	74.0	-22.66	Peak	266.00	150	Vertical	Pass
4**	6766.000	41.64	3.97	54.0	-12.36	AV	266.00	150	Vertical	Pass
5	12423.975	49.41	18.90	74.0	-24.59	Peak	361.00	150	Vertical	Pass
5**	12423.975	37.17	18.90	54.0	-16.83	AV	361.00	150	Vertical	Pass
6	17882.137	56.82	24.44	74.0	-17.18	Peak	324.00	150	Vertical	Pass
6**	17882.137	44.61	24.44	54.0	-9.39	AV	324.00	150	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	1398.400	41.18	-14.90	74.0	-32.82	Peak	157.00	150	Horizontal	Pass
1**	1398.400	30.30	-14.90	54.0	-23.70	AV	157.00	150	Horizontal	Pass
2	2462.500	104.62	-10.46	74.0	30.62	Peak	84.00	150	Horizontal	N/A
2**	2462.500	99.25	-10.46	54.0	45.25	AV	84.00	150	Horizontal	N/A
3	4924.400	50.64	-1.09	74.0	-23.36	Peak	106.00	150	Horizontal	Pass
3**	4924.400	40.92	-1.09	54.0	-13.08	AV	106.00	150	Horizontal	Pass
4	6968.600	51.34	5.12	74.0	-22.66	Peak	246.00	150	Horizontal	Pass
4**	6968.600	40.38	5.12	54.0	-13.62	AV	246.00	150	Horizontal	Pass
5	12680.713	48.68	19.01	74.0	-25.32	Peak	51.00	150	Horizontal	Pass
5**	12680.713	37.40	19.01	54.0	-16.60	AV	51.00	150	Horizontal	Pass
6	17268.412	55.60	24.35	74.0	-18.40	Peak	129.00	150	Horizontal	Pass
6**	17268.412	45.29	24.35	54.0	-8.71	AV	129.00	150	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	1403.900	43.54	-14.90	74.0	-30.46	Peak	46.00	150	Vertical	Pass
1**	1403.900	30.97	-14.90	54.0	-23.03	AV	46.00	150	Vertical	Pass
2	2462.500	103.95	-10.46	74.0	29.95	Peak	46.00	150	Vertical	N/A
2**	2462.500	97.91	-10.46	54.0	43.91	AV	46.00	150	Vertical	N/A
3	6972.400	51.43	5.07	74.0	-22.57	Peak	265.00	150	Vertical	Pass
3**	6972.400	41.20	5.07	54.0	-12.80	AV	265.00	150	Vertical	Pass
4	4924.600	50.45	-1.09	74.0	-23.55	Peak	23.00	150	Vertical	Pass
4**	4924.600	43.91	-1.09	54.0	-10.09	AV	23.00	150	Vertical	Pass
5	12277.063	49.25	20.25	74.0	-24.75	Peak	361.00	150	Vertical	Pass
5**	12277.063	38.48	20.25	54.0	-15.52	AV	361.00	150	Vertical	Pass
6	17863.762	55.53	24.28	74.0	-18.47	Peak	305.00	150	Vertical	Pass
6**	17863.762	44.36	24.28	54.0	-9.64	AV	305.00	150	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	1625.300	40.67	-14.85	74.0	-33.33	Peak	128.00	150	Horizontal	Pass
1**	1625.300	37.21	-14.85	54.0	-16.79	AV	128.00	150	Horizontal	Pass
2	2412.700	100.79	-10.23	74.0	26.79	Peak	69.00	150	Horizontal	N/A
2**	2412.700	93.65	-10.23	54.0	39.65	AV	69.00	150	Horizontal	N/A
3	6641.800	51.99	4.03	74.0	-22.01	Peak	225.00	150	Horizontal	Pass
3**	6641.800	41.74	4.03	54.0	-12.26	AV	225.00	150	Horizontal	Pass
4	4724.600	47.68	-2.25	74.0	-26.32	Peak	95.00	150	Horizontal	Pass
4**	4724.600	38.00	-2.25	54.0	-16.00	AV	95.00	150	Horizontal	Pass
5	9946.013	49.00	17.84	74.0	-25.00	Peak	192.00	150	Horizontal	Pass
5**	9946.013	37.56	17.84	54.0	-16.44	AV	192.00	150	Horizontal	Pass
6	15471.337	55.57	23.60	74.0	-18.43	Peak	28.00	150	Horizontal	Pass
6**	15471.337	42.34	23.60	54.0	-11.66	AV	28.00	150	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	1899.900	43.00	-13.88	74.0	-31.00	Peak	173.00	150	Vertical	Pass
1**	1899.900	30.37	-13.88	54.0	-23.63	AV	173.00	150	Vertical	Pass
2	2417.500	98.61	-10.00	74.0	24.61	Peak	137.00	150	Vertical	N/A
2**	2417.500	91.64	-10.00	54.0	37.64	AV	137.00	150	Vertical	N/A
3	6998.800	51.47	3.92	74.0	-22.53	Peak	302.00	150	Vertical	Pass
3**	6998.800	42.12	3.92	54.0	-11.88	AV	302.00	150	Vertical	Pass
4	4830.600	48.07	-1.40	74.0	-25.93	Peak	38.00	150	Vertical	Pass
4**	4830.600	38.75	-1.40	54.0	-15.25	AV	38.00	150	Vertical	Pass
5	9670.875	48.98	18.68	74.0	-25.02	Peak	242.00	150	Vertical	Pass
5**	9670.875	35.72	18.68	54.0	-18.28	AV	242.00	150	Vertical	Pass
6	15453.487	55.59	23.44	74.0	-18.41	Peak	305.00	150	Vertical	Pass
6**	15453.487	43.68	23.44	54.0	-10.32	AV	305.00	150	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	1509.900	44.18	-15.02	74.0	-29.82	Peak	99.00	150	Horizontal	Pass
1**	1509.900	34.04	-15.02	54.0	-19.96	AV	99.00	150	Horizontal	Pass
2	2437.700	100.51	-10.60	74.0	26.51	Peak	79.00	150	Horizontal	N/A
2**	2437.700	92.97	-10.60	54.0	38.97	AV	79.00	150	Horizontal	N/A
3	4998.000	47.83	-0.84	74.0	-26.17	Peak	305.00	150	Horizontal	Pass
3**	4998.000	39.29	-0.84	54.0	-14.71	AV	305.00	150	Horizontal	Pass
4	6913.600	51.17	4.77	74.0	-22.83	Peak	316.00	150	Horizontal	Pass
4**	6913.600	41.75	4.77	54.0	-12.25	AV	316.00	150	Horizontal	Pass
5	10580.525	48.58	18.44	74.0	-25.42	Peak	215.00	150	Horizontal	Pass
5**	10580.525	36.44	18.44	54.0	-17.56	AV	215.00	150	Horizontal	Pass
6	17640.374	55.81	24.15	74.0	-18.19	Peak	-3.00	150	Horizontal	Pass
6**	17640.374	43.86	24.15	54.0	-10.14	AV	-3.00	150	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	1397.800	43.09	-14.91	74.0	-30.91	Peak	75.00	150	Vertical	Pass
1**	1397.800	26.88	-14.91	54.0	-27.12	AV	75.00	150	Vertical	Pass
2	2444.600	98.70	-10.41	74.0	24.70	Peak	51.00	150	Vertical	N/A
2**	2444.600	92.07	-10.41	54.0	38.07	AV	51.00	150	Vertical	N/A
3	4748.200	47.39	-1.85	74.0	-26.61	Peak	15.00	150	Vertical	Pass
3**	4748.200	38.57	-1.85	54.0	-15.43	AV	15.00	150	Vertical	Pass
4	6645.200	51.55	4.32	74.0	-22.45	Peak	91.00	150	Vertical	Pass
4**	6645.200	41.63	4.32	54.0	-12.37	AV	91.00	150	Vertical	Pass
5	12467.100	49.45	18.60	74.0	-24.55	Peak	229.00	150	Vertical	Pass
5**	12467.100	36.91	18.60	54.0	-17.09	AV	229.00	150	Vertical	Pass
6	17895.262	55.99	24.53	74.0	-18.01	Peak	-3.00	150	Vertical	Pass
6**	17895.262	45.51	24.53	54.0	-8.49	AV	-3.00	150	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	1625.100	41.56	-14.85	74.0	-32.44	Peak	135.00	150	Horizontal	Pass
1**	1625.100	36.79	-14.85	54.0	-17.21	AV	135.00	150	Horizontal	Pass
2	2464.200	100.76	-10.50	74.0	26.76	Peak	74.00	150	Horizontal	N/A
2**	2464.200	94.02	-10.50	54.0	40.02	AV	74.00	150	Horizontal	N/A
3	4911.400	48.01	-0.83	74.0	-25.99	Peak	126.00	150	Horizontal	Pass
3**	4911.400	37.94	-0.83	54.0	-16.06	AV	126.00	150	Horizontal	Pass
4	6995.600	51.55	4.04	74.0	-22.45	Peak	268.00	150	Horizontal	Pass
4**	6995.600	42.00	4.04	54.0	-12.00	AV	268.00	150	Horizontal	Pass
5	10324.076	49.26	18.23	74.0	-24.74	Peak	313.00	150	Horizontal	Pass
5**	10324.076	36.38	18.23	54.0	-17.62	AV	313.00	150	Horizontal	Pass
6	17838.037	55.76	24.06	74.0	-18.24	Peak	242.00	150	Horizontal	Pass
6**	17838.037	44.85	24.06	54.0	-9.15	AV	242.00	150	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	1399.400	45.18	-14.90	74.0	-28.82	Peak	186.00	150	Vertical	Pass
1**	1399.400	27.12	-14.90	54.0	-26.88	AV	186.00	150	Vertical	Pass
2	2463.800	99.60	-10.48	74.0	25.60	Peak	50.00	150	Vertical	N/A
2**	2463.800	92.68	-10.48	54.0	38.68	AV	50.00	150	Vertical	N/A
3	4929.200	48.29	-1.20	74.0	-25.71	Peak	52.00	150	Vertical	Pass
3**	4929.200	40.32	-1.20	54.0	-13.68	AV	52.00	150	Vertical	Pass
4	6978.200	51.56	5.02	74.0	-22.44	Peak	117.00	150	Vertical	Pass
4**	6978.200	42.46	5.02	54.0	-11.54	AV	117.00	150	Vertical	Pass
5	11607.187	49.89	20.17	74.0	-24.11	Peak	243.00	150	Vertical	Pass
5**	11607.187	36.35	20.17	54.0	-17.65	AV	243.00	150	Vertical	Pass
6	17701.011	55.73	24.43	74.0	-18.27	Peak	-1.00	150	Vertical	Pass
6**	17701.011	44.41	24.43	54.0	-9.59	AV	-1.00	150	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	1495.600	42.77	-15.00	74.0	-31.23	Peak	87.00	150	Horizontal	Pass
1**	1495.600	31.49	-15.00	54.0	-22.51	AV	87.00	150	Horizontal	Pass
2	2418.100	100.45	-9.97	74.0	26.45	Peak	68.00	150	Horizontal	N/A
2**	2418.100	94.17	-9.97	54.0	40.17	AV	68.00	150	Horizontal	N/A
3	5032.000	48.41	-0.58	74.0	-25.59	Peak	257.00	150	Horizontal	Pass
3**	5032.000	38.63	-0.58	54.0	-15.37	AV	257.00	150	Horizontal	Pass
4	6940.000	52.02	4.56	74.0	-21.98	Peak	344.00	150	Horizontal	Pass
4**	6940.000	41.07	4.56	54.0	-12.93	AV	344.00	150	Horizontal	Pass
5	12184.200	49.13	20.30	74.0	-24.87	Peak	55.00	150	Horizontal	Pass
5**	12184.200	36.71	20.30	54.0	-17.29	AV	55.00	150	Horizontal	Pass
6	17872.949	55.63	24.36	74.0	-18.37	Peak	196.00	150	Horizontal	Pass
6**	17872.949	44.24	24.36	54.0	-9.76	AV	196.00	150	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	1625.200	41.28	-14.85	74.0	-32.72	Peak	157.00	150	Vertical	Pass
1**	1625.200	37.95	-14.85	54.0	-16.05	AV	157.00	150	Vertical	Pass
2	2415.700	98.23	-10.06	74.0	24.23	Peak	137.00	150	Vertical	N/A
2**	2415.700	91.59	-10.06	54.0	37.59	AV	137.00	150	Vertical	N/A
3	4820.600	48.25	-1.37	74.0	-25.75	Peak	106.00	150	Vertical	Pass
3**	4820.600	39.68	-1.37	54.0	-14.32	AV	106.00	150	Vertical	Pass
4	6914.800	51.34	4.81	74.0	-22.66	Peak	345.00	150	Vertical	Pass
4**	6914.800	44.51	4.81	54.0	-9.49	AV	345.00	150	Vertical	Pass
5	12784.125	49.66	18.95	74.0	-24.34	Peak	206.00	150	Vertical	Pass
5**	12784.125	37.24	18.95	54.0	-16.76	AV	206.00	150	Vertical	Pass
6	17316.188	54.87	24.37	74.0	-19.13	Peak	42.00	150	Vertical	Pass
6**	17316.188	44.34	24.37	54.0	-9.66	AV	42.00	150	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	1625.200	41.44	-14.85	74.0	-32.56	Peak	124.00	150	Horizontal	Pass
1**	1625.200	37.57	-14.85	54.0	-16.43	AV	124.00	150	Horizontal	Pass
2	2437.800	100.89	-10.60	74.0	26.89	Peak	77.00	150	Horizontal	N/A
2**	2437.800	93.52	-10.60	54.0	39.52	AV	77.00	150	Horizontal	N/A
3	4442.000	46.76	-2.13	74.0	-27.24	Peak	154.00	150	Horizontal	Pass
3**	4442.000	39.98	-2.13	54.0	-14.02	AV	154.00	150	Horizontal	Pass
4	6631.800	51.95	3.64	74.0	-22.05	Peak	68.00	150	Horizontal	Pass
4**	6631.800	40.90	3.64	54.0	-13.10	AV	68.00	150	Horizontal	Pass
5	10550.338	49.78	18.28	74.0	-24.22	Peak	361.00	150	Horizontal	Pass
5**	10550.338	37.15	18.28	54.0	-16.85	AV	361.00	150	Horizontal	Pass
6	17995.012	55.61	24.87	74.0	-18.39	Peak	267.00	150	Horizontal	Pass
6**	17995.012	45.53	24.87	54.0	-8.47	AV	267.00	150	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	1800.100	44.19	-14.63	74.0	-29.81	Peak	170.00	150	Vertical	Pass
1**	1800.100	38.75	-14.63	54.0	-15.25	AV	170.00	150	Vertical	Pass
2	2444.400	98.48	-10.42	74.0	24.48	Peak	44.00	150	Vertical	N/A
2**	2444.400	92.25	-10.42	54.0	38.25	AV	44.00	150	Vertical	N/A
3	4871.400	48.05	-1.49	74.0	-25.95	Peak	117.00	150	Vertical	Pass
3**	4871.400	39.08	-1.49	54.0	-14.92	AV	117.00	150	Vertical	Pass
4	6645.400	52.15	4.33	74.0	-21.85	Peak	7.00	150	Vertical	Pass
4**	6645.400	42.74	4.33	54.0	-11.26	AV	7.00	150	Vertical	Pass
5	11213.600	48.80	18.02	74.0	-25.20	Peak	358.00	150	Vertical	Pass
5**	11213.600	35.87	18.02	54.0	-18.13	AV	358.00	150	Vertical	Pass
6	17308.838	55.23	24.47	74.0	-18.77	Peak	-3.00	150	Vertical	Pass
6**	17308.838	44.01	24.47	54.0	-9.99	AV	-3.00	150	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	1625.200	41.14	-14.85	74.0	-32.86	Peak	170.00	150	Horizontal	Pass
1**	1625.200	37.31	-14.85	54.0	-16.69	AV	170.00	150	Horizontal	Pass
2	2463.400	100.65	-10.47	74.0	26.65	Peak	77.00	150	Horizontal	N/A
2**	2463.400	93.05	-10.47	54.0	39.05	AV	77.00	150	Horizontal	N/A
3	4924.400	48.78	-1.09	74.0	-25.22	Peak	110.00	150	Horizontal	Pass
3**	4924.400	40.90	-1.09	54.0	-13.10	AV	110.00	150	Horizontal	Pass
4	6960.000	51.99	4.44	74.0	-22.01	Peak	30.00	150	Horizontal	Pass
4**	6960.000	41.67	4.44	54.0	-12.33	AV	30.00	150	Horizontal	Pass
5	11727.075	49.24	19.32	74.0	-24.76	Peak	299.00	150	Horizontal	Pass
5**	11727.075	36.24	19.32	54.0	-17.76	AV	299.00	150	Horizontal	Pass
6	17809.426	55.69	23.89	74.0	-18.31	Peak	216.00	150	Horizontal	Pass
6**	17809.426	43.80	23.89	54.0	-10.20	AV	216.00	150	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	1400.200	43.87	-14.90	74.0	-30.13	Peak	50.00	150	Vertical	Pass
1**	1400.200	34.14	-14.90	54.0	-19.86	AV	50.00	150	Vertical	Pass
2	2467.100	99.47	-10.64	74.0	25.47	Peak	58.00	150	Vertical	N/A
2**	2467.100	93.47	-10.64	54.0	39.47	AV	58.00	150	Vertical	N/A
3	4926.600	49.44	-1.13	74.0	-24.56	Peak	38.00	150	Vertical	Pass
3**	4926.600	41.00	-1.13	54.0	-13.00	AV	38.00	150	Vertical	Pass
4	6909.800	51.72	4.65	74.0	-22.28	Peak	18.00	150	Vertical	Pass
4**	6909.800	42.35	4.65	54.0	-11.65	AV	18.00	150	Vertical	Pass
5	12365.612	49.64	19.57	74.0	-24.36	Peak	66.00	150	Vertical	Pass
5**	12365.612	37.07	19.57	54.0	-16.93	AV	66.00	150	Vertical	Pass
6	17307.261	55.61	24.50	74.0	-18.39	Peak	319.00	150	Vertical	Pass
6**	17307.261	44.05	24.50	54.0	-9.95	AV	319.00	150	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	1399.800	44.45	-14.90	74.0	-29.55	Peak	108.00	150	Horizontal	Pass
1**	1399.800	36.98	-14.90	54.0	-17.02	AV	108.00	150	Horizontal	Pass
2	2434.400	98.25	-10.52	74.0	24.25	Peak	82.00	150	Horizontal	N/A
2**	2434.400	90.73	-10.52	54.0	36.73	AV	82.00	150	Horizontal	N/A
3	4775.400	47.88	-2.25	74.0	-26.12	Peak	199.00	150	Horizontal	Pass
3**	4775.400	38.35	-2.25	54.0	-15.65	AV	199.00	150	Horizontal	Pass
4	6973.400	51.74	5.13	74.0	-22.26	Peak	286.00	150	Horizontal	Pass
4**	6973.400	42.01	5.13	54.0	-11.99	AV	286.00	150	Horizontal	Pass
5	12431.737	49.66	18.84	74.0	-24.34	Peak	302.00	150	Horizontal	Pass
5**	12431.737	38.19	18.84	54.0	-15.81	AV	302.00	150	Horizontal	Pass
6	17859.564	55.39	24.24	74.0	-18.61	Peak	220.00	150	Horizontal	Pass
6**	17859.564	44.55	24.24	54.0	-9.45	AV	220.00	150	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	1625.000	40.54	-14.84	74.0	-33.46	Peak	163.00	150	Vertical	Pass
1**	1625.000	36.48	-14.84	54.0	-17.52	AV	163.00	150	Vertical	Pass
2	2434.900	95.72	-10.57	74.0	21.72	Peak	43.00	150	Vertical	N/A
2**	2434.900	88.63	-10.57	54.0	34.63	AV	43.00	150	Vertical	N/A
3	4817.400	47.75	-1.46	74.0	-26.25	Peak	59.00	150	Vertical	Pass
3**	4817.400	38.44	-1.46	54.0	-15.56	AV	59.00	150	Vertical	Pass
4	6917.400	51.65	4.65	74.0	-22.35	Peak	204.00	150	Vertical	Pass
4**	6917.400	42.19	4.65	54.0	-11.81	AV	204.00	150	Vertical	Pass
5	12374.525	49.61	19.46	74.0	-24.39	Peak	46.00	150	Vertical	Pass
5**	12374.525	37.79	19.46	54.0	-16.21	AV	46.00	150	Vertical	Pass
6	17300.175	55.23	24.59	74.0	-18.77	Peak	-3.00	150	Vertical	Pass
6**	17300.175	45.02	24.59	54.0	-8.98	AV	-3.00	150	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	1485.600	42.63	-15.14	74.0	-31.37	Peak	107.00	150	Horizontal	Pass
1**	1485.600	34.25	-15.14	54.0	-19.75	AV	107.00	150	Horizontal	Pass
2	2425.800	97.95	-10.07	74.0	23.95	Peak	72.00	150	Horizontal	N/A
2**	2425.800	92.10	-10.07	54.0	38.10	AV	72.00	150	Horizontal	N/A
3	4784.200	48.21	-2.03	74.0	-25.79	Peak	144.00	150	Horizontal	Pass
3**	4784.200	38.58	-2.03	54.0	-15.42	AV	144.00	150	Horizontal	Pass
4	6944.000	51.98	4.38	74.0	-22.02	Peak	62.00	150	Horizontal	Pass
4**	6944.000	41.30	4.38	54.0	-12.70	AV	62.00	150	Horizontal	Pass
5	12409.888	49.19	19.07	74.0	-24.81	Peak	11.00	150	Horizontal	Pass
5**	12409.888	38.38	19.07	54.0	-15.62	AV	11.00	150	Horizontal	Pass
6	17974.012	55.77	24.61	74.0	-18.23	Peak	104.00	150	Horizontal	Pass
6**	17974.012	44.24	24.61	54.0	-9.76	AV	104.00	150	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	1950.300	43.51	-13.29	74.0	-30.49	Peak	184.00	150	Vertical	Pass
1**	1950.300	32.32	-13.29	54.0	-21.68	AV	184.00	150	Vertical	Pass
2	2447.300	97.21	-10.22	74.0	23.21	Peak	60.00	150	Vertical	N/A
2**	2447.300	91.05	-10.22	54.0	37.05	AV	60.00	150	Vertical	N/A
3	4468.400	46.68	-2.52	74.0	-27.32	Peak	184.00	150	Vertical	Pass
3**	4468.400	37.61	-2.52	54.0	-16.39	AV	184.00	150	Vertical	Pass
4	6990.800	51.27	4.47	74.0	-22.73	Peak	34.00	150	Vertical	Pass
4**	6990.800	42.18	4.47	54.0	-11.82	AV	34.00	150	Vertical	Pass
5	11491.325	49.09	19.08	74.0	-24.91	Peak	361.00	150	Vertical	Pass
5**	11491.325	37.27	19.08	54.0	-16.73	AV	361.00	150	Vertical	Pass
6	17311.463	55.42	24.44	74.0	-18.58	Peak	220.00	150	Vertical	Pass
6**	17311.463	44.06	24.44	54.0	-9.94	AV	220.00	150	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	1501.000	40.87	-15.14	74.0	-33.13	Peak	168.00	150	Horizontal	Pass
1**	1501.000	28.09	-15.14	54.0	-25.91	AV	168.00	150	Horizontal	Pass
2	2465.800	98.07	-10.57	74.0	24.07	Peak	68.00	150	Horizontal	N/A
2**	2465.800	91.26	-10.57	54.0	37.26	AV	68.00	150	Horizontal	N/A
3	4919.400	48.38	-1.00	74.0	-25.62	Peak	173.00	150	Horizontal	Pass
3**	4919.400	39.17	-1.00	54.0	-14.83	AV	173.00	150	Horizontal	Pass
4	6653.400	51.38	4.70	74.0	-22.62	Peak	360.00	150	Horizontal	Pass
4**	6653.400	42.21	4.70	54.0	-11.79	AV	360.00	150	Horizontal	Pass
5	12605.100	49.27	18.72	74.0	-24.73	Peak	228.00	150	Horizontal	Pass
5**	12605.100	36.44	18.72	54.0	-17.56	AV	228.00	150	Horizontal	Pass
6	17851.949	55.70	24.13	74.0	-18.30	Peak	58.00	150	Horizontal	Pass
6**	17851.949	44.06	24.13	54.0	-9.94	AV	58.00	150	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	1800.400	46.25	-14.66	74.0	-27.75	Peak	281.00	150	Vertical	Pass
1**	1800.400	38.70	-14.66	54.0	-15.30	AV	281.00	150	Vertical	Pass
2	2461.000	97.04	-10.46	74.0	23.04	Peak	54.00	150	Vertical	N/A
2**	2461.000	90.43	-10.46	54.0	36.43	AV	54.00	150	Vertical	N/A
3	4452.200	46.68	-2.44	74.0	-27.32	Peak	10.00	150	Vertical	Pass
3**	4452.200	38.06	-2.44	54.0	-15.94	AV	10.00	150	Vertical	Pass
4	6642.400	51.35	4.08	74.0	-22.65	Peak	162.00	150	Vertical	Pass
4**	6642.400	41.04	4.08	54.0	-12.96	AV	162.00	150	Vertical	Pass
5	11486.151	48.83	19.03	74.0	-25.17	Peak	361.00	150	Vertical	Pass
5**	11486.151	36.36	19.03	54.0	-17.64	AV	361.00	150	Vertical	Pass
6	17771.100	55.95	23.75	74.0	-18.05	Peak	-3.00	150	Vertical	Pass
6**	17771.100	43.99	23.75	54.0	-10.01	AV	-3.00	150	Vertical	Pass

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

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

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

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

AP Module

Test Data

Main Antenna

Test Mode	Test Channel	Frequency (MHz)	Level (dBuV/m)	Factor (dB)	Limit Line (dBuV/m)	Margin (dB)	Remark	Verdict
802.11b	Low	2390	56.660	31.47	74	17.340	PEAK	Pass
		2390	48.603	31.47	54	5.397	AVERAGE	Pass
	HIGH	2483.5	56.526	31.40	74	17.474	PEAK	Pass
		2483.5	45.283	31.40	54	8.717	AVERAGE	Pass
802.11g	Low	2390	63.620	31.47	74	10.380	PEAK	Pass
		2390	50.799	31.47	54	3.201	AVERAGE	Pass
	HIGH	2483.5	65.036	31.40	74	8.964	PEAK	Pass
		2483.5	50.982	31.40	54	3.018	AVERAGE	Pass
802.11n20	Low	2390	64.296	31.47	74	9.704	PEAK	Pass
		2390	50.807	31.47	54	3.193	AVERAGE	Pass
	HIGH	2483.5	65.524	31.40	74	8.476	PEAK	Pass
		2483.5	50.649	31.40	54	3.351	AVERAGE	Pass
802.11n40	Low	2390	64.113	31.47	74	9.887	PEAK	Pass
		2390	50.427	31.47	54	3.573	AVERAGE	Pass
	HIGH	2483.5	64.313	31.40	74	9.687	PEAK	Pass
		2483.5	49.912	31.40	54	4.088	AVERAGE	Pass

Aux. Antenna

Test Mode	Test Channel	Frequency (MHz)	Level (dBuV/m)	Factor (dB)	Limit Line (dBuV/m)	Margin (dB)	Remark	Verdict
802.11b	Low	2390	55.550	31.47	74	18.450	PEAK	Pass
		2390	46.670	31.47	54	7.330	AVERAGE	Pass
	HIGH	2483.5	55.221	31.40	74	18.779	PEAK	Pass
		2483.5	44.271	31.40	54	9.729	AVERAGE	Pass
802.11g	Low	2390	63.055	31.47	74	10.945	PEAK	Pass
		2390	50.717	31.47	54	3.283	AVERAGE	Pass
	HIGH	2483.5	64.774	31.40	74	9.226	PEAK	Pass
		2483.5	50.760	31.40	54	3.240	AVERAGE	Pass
802.11n20	Low	2390	65.785	31.47	74	8.215	PEAK	Pass
		2390	50.966	31.47	54	3.034	AVERAGE	Pass
	HIGH	2483.5	64.465	31.40	74	9.535	PEAK	Pass
		2483.5	50.350	31.40	54	3.650	AVERAGE	Pass
802.11n40	Low	2390	61.958	31.47	74	12.042	PEAK	Pass
		2390	50.649	31.47	54	3.351	AVERAGE	Pass
	HIGH	2483.5	63.678	31.40	74	10.322	PEAK	Pass
		2483.5	50.845	31.40	54	3.155	AVERAGE	Pass

MIMO

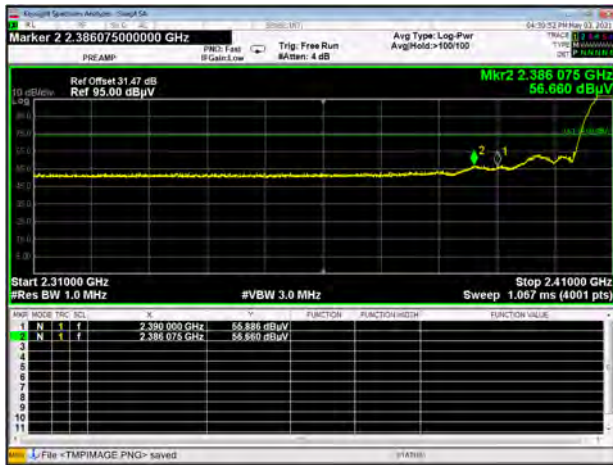
Test Mode	Test Channel	Frequency (MHz)	Level (dBuV/m)	Factor (dB)	Limit Line (dBuV/m)	Margin (dB)	Remark	Verdict
802.11n20	Low	2390	61.139	31.47	74	12.861	PEAK	Pass
		2390	48.043	31.47	54	5.957	AVERAGE	Pass
	HIGH	2483.5	64.035	31.40	74	9.965	PEAK	Pass
		2483.5	50.575	31.40	54	3.425	AVERAGE	Pass
802.11n40	Low	2390	63.510	31.47	74	10.490	PEAK	Pass
		2390	50.965	31.47	54	3.035	AVERAGE	Pass
	HIGH	2483.5	62.778	31.40	74	11.222	PEAK	Pass
		2483.5	50.866	31.40	54	3.134	AVERAGE	Pass

Test plots

Main Antenna

802.11b Mode:

LOW CHANNEL, PEAK



HIGH CHANNEL, PEAK



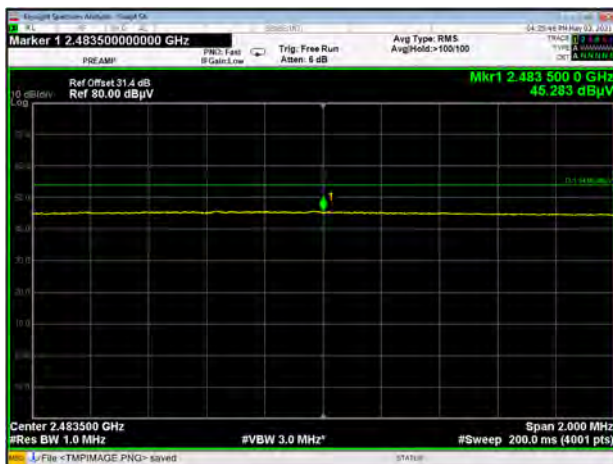
LOW CHANNEL, AV



LOW CHANNEL, AV



HIGH CHANNEL, AV



HIGH CHANNEL, AV



802.11g Mode:

LOW CHANNEL, PEAK



HIGH CHANNEL, PEAK



LOW CHANNEL, AV



LOW CHANNEL, AV



HIGH CHANNEL, AV



HIGH CHANNEL, AV



802.11n-20 MHz Mode:

LOW CHANNEL, PEAK



HIGH CHANNEL, PEAK



LOW CHANNEL, AV



LOW CHANNEL, AV



HIGH CHANNEL, AV



HIGH CHANNEL, AV



802.11n-40 MHz Mode:

LOW CHANNEL, PEAK



HIGH CHANNEL, PEAK



LOW CHANNEL, AV



LOW CHANNEL, AV



HIGH CHANNEL, AV



HIGH CHANNEL, AV



Aux. Antenna

802.11b Mode:

LOW CHANNEL, PEAK



HIGH CHANNEL, PEAK



LOW CHANNEL, AV



LOW CHANNEL, AV



HIGH CHANNEL, AV



802.11g Mode:

LOW CHANNEL, PEAK



HIGH CHANNEL, PEAK



LOW CHANNEL, AV



LOW CHANNEL, AV



HIGH CHANNEL, AV



HIGH CHANNEL, AV



802.11n-20 MHz Mode:

LOW CHANNEL, PEAK



HIGH CHANNEL, PEAK



LOW CHANNEL, AV



LOW CHANNEL, AV



HIGH CHANNEL, AV



HIGH CHANNEL, AV

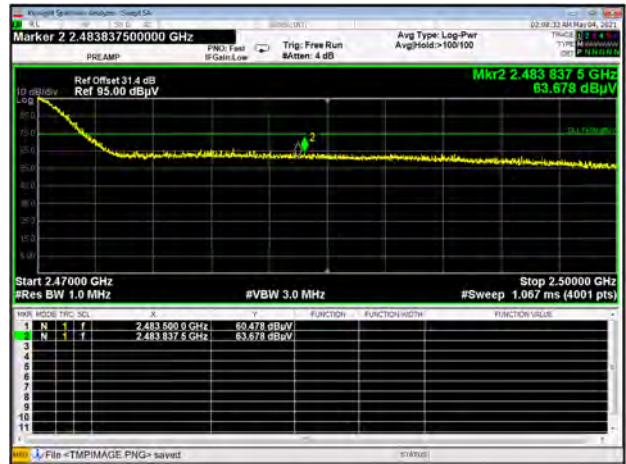


802.11n-40 MHz Mode:

LOW CHANNEL, PEAK



HIGH CHANNEL, PEAK



LOW CHANNEL, AV



LOW CHANNEL, AV



HIGH CHANNEL, AV



HIGH CHANNEL, AV



MIMO

802.11n-20 MHz Mode:

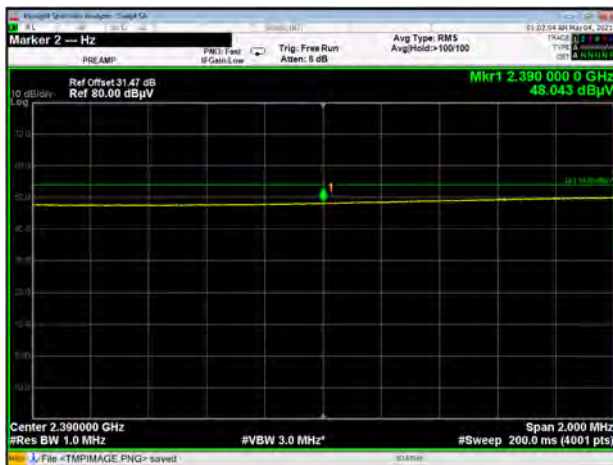
LOW CHANNEL, PEAK



HIGH CHANNEL, PEAK



LOW CHANNEL, AV



LOW CHANNEL, AV



HIGH CHANNEL, AV



HIGH CHANNEL, AV



802.11n-40 MHz Mode:

LOW CHANNEL, PEAK



HIGH CHANNEL, PEAK



LOW CHANNEL, AV



LOW CHANNEL, AV



HIGH CHANNEL, AV



HIGH CHANNEL, AV



ESP Module

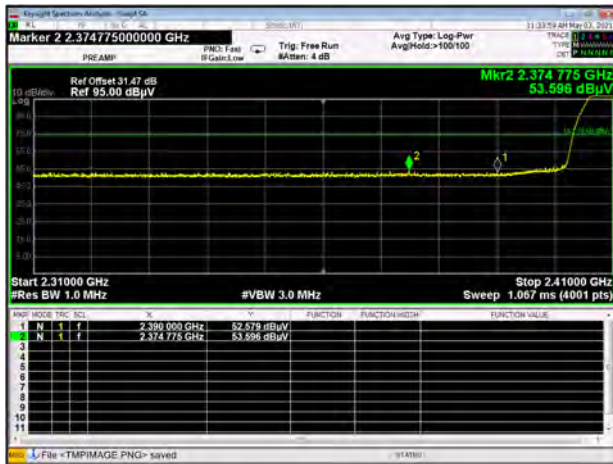
Test Data

Test Mode	Test Channel	Frequency (MHz)	Level (dBuV/m)	Factor (dB)	Limit Line (dBuV/m)	Margin (dB)	Remark	Verdict
802.11b	Low	2390	53.596	31.47	74	20.404	PEAK	Pass
		2390	N/A	N/A	54	N/A	AVERAGE	Pass
	HIGH	2483.5	54.182	31.4	74	19.818	PEAK	Pass
		2483.5	43.633	31.4	54	10.367	AVERAGE	Pass
802.11g	Low	2390	55.656	31.47	74	18.344	PEAK	Pass
		2390	44.935	31.47	54	9.065	AVERAGE	Pass
	HIGH	2483.5	57.612	31.4	74	16.388	PEAK	Pass
		2483.5	45.753	31.4	54	8.247	AVERAGE	Pass
802.11n20	Low	2390	55.712	31.47	74	18.288	PEAK	Pass
		2390	45.003	31.47	54	8.997	AVERAGE	Pass
	HIGH	2483.5	58.058	31.4	74	15.942	PEAK	Pass
		2483.5	47.111	31.4	54	6.889	AVERAGE	Pass
802.11n40	Low	2390	56.199	31.47	74	17.801	PEAK	Pass
		2390	45.434	31.47	54	8.566	AVERAGE	Pass
	HIGH	2483.5	63.047	31.4	74	10.953	PEAK	Pass
		2483.5	50.818	31.4	54	3.182	AVERAGE	Pass

Test plots

802.11b Mode:

LOW CHANNEL, PEAK



HIGH CHANNEL, PEAK



HIGH CHANNEL, AV



802.11g Mode:

LOW CHANNEL, PEAK



HIGH CHANNEL, PEAK



LOW CHANNEL, AV



LOW CHANNEL, AV



HIGH CHANNEL, AV



HIGH CHANNEL, AV



802.11n-20 MHz Mode:

LOW CHANNEL, PEAK



HIGH CHANNEL, PEAK



LOW CHANNEL, AV



LOW CHANNEL, AV



HIGH CHANNEL, AV



HIGH CHANNEL, AV



802.11n-40 MHz Mode:

LOW CHANNEL, PEAK



HIGH CHANNEL, PEAK



LOW CHANNEL, AV



LOW CHANNEL, AV



HIGH CHANNEL, AV



HIGH CHANNEL, AV



A.8 Power Spectral Density (PSD)

AP Module

Test Data

Main Antenna

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-17.60	8
Middle	-17.39	8
High	-18.06	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-20.95	8
Middle	-19.65	8
High	-21.99	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-22.23	8
Middle	-20.71	8
High	-23.56	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-25.46	8
Middle	-23.48	8
High	-27.76	8

Aux. Antenna

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-18.04	8
Middle	-17.80	8
High	-17.51	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-20.85	8
Middle	-20.42	8
High	-20.08	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-21.27	8
Middle	-20.35	8
High	-21.69	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-26.21	8
Middle	-23.04	8
High	-24.79	8

MIMO-Main Antenna

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-23.91	8
Middle	-23.63	8
High	-24.27	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-29.17	8
Middle	-26.41	8
High	-27.76	8

MIMO-Aux. Antenna

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-24.85	8
Middle	-24.57	8
High	-24.52	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-29.52	8
Middle	-27.33	8
High	-27.62	8

MIMO

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-21.34	8
Middle	-21.06	8
High	-21.38	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-26.33	8
Middle	-23.84	8
High	-24.68	8

Test plots

Main Antenna

802.11b LOW CHANNEL



Date: 11 MAY 2021 22:49:46

802.11b MIDDLE CHANNEL



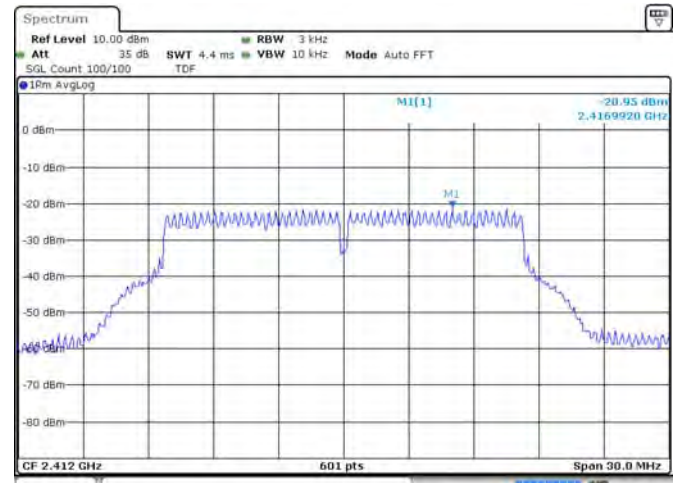
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802.11b HIGH CHANNEL



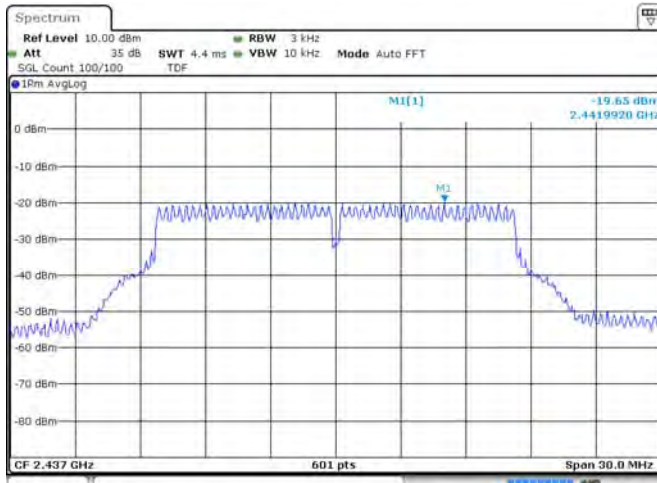
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802.11g LOW CHANNEL



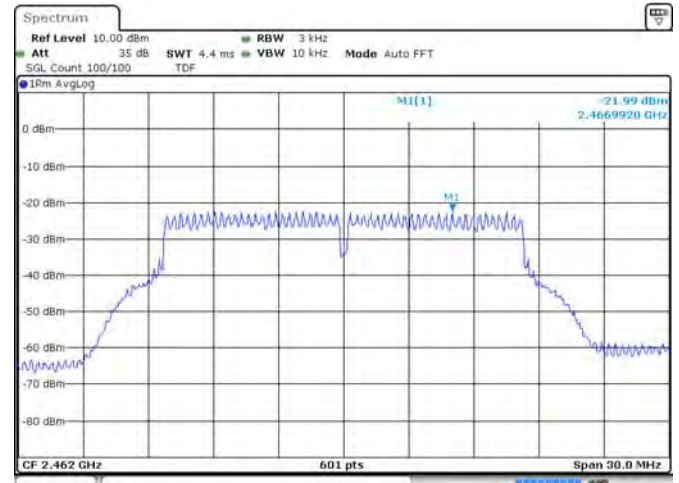
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802.11g MIDDLE CHANNEL



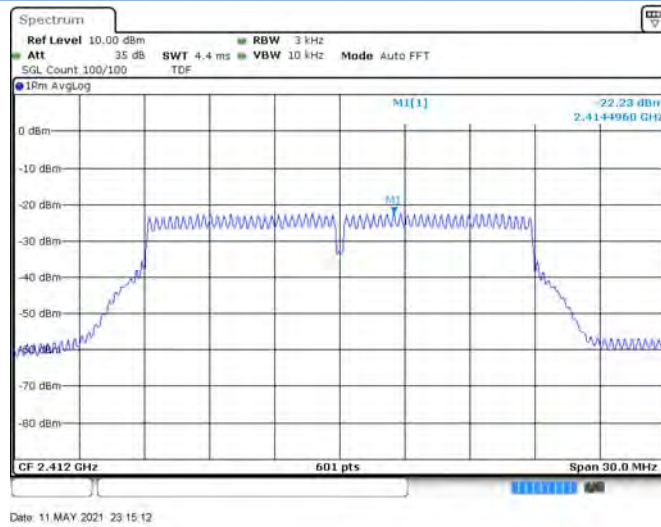
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802.11g HIGH CHANNEL

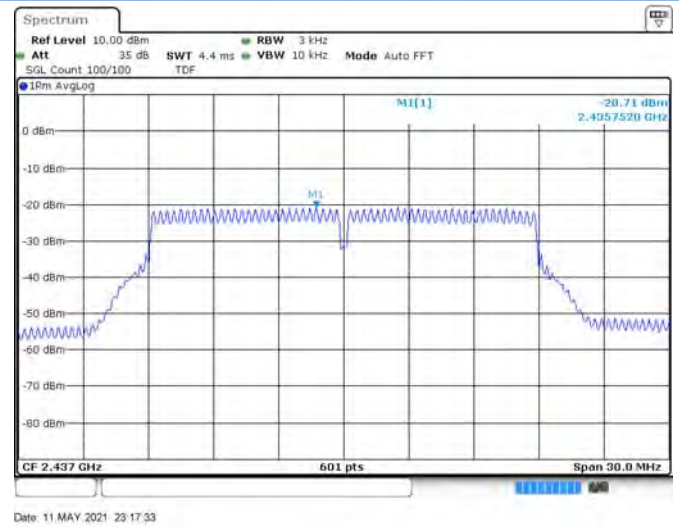


Date: 11 MAY 2021 23:11:25

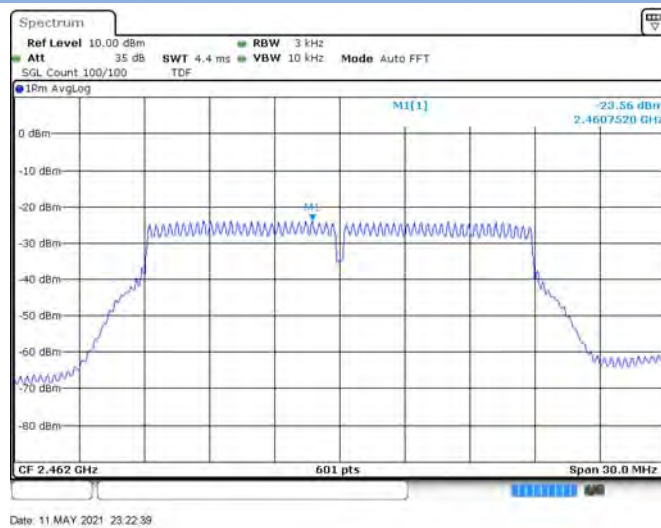
802.11n-20 MHz LOW CHANNEL



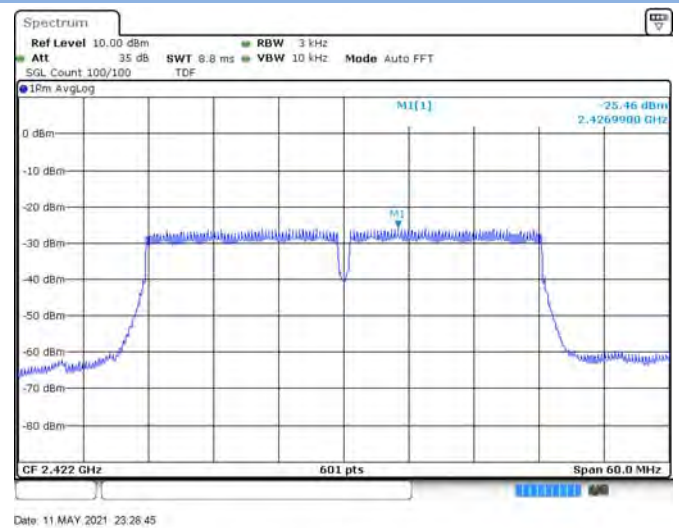
802.11 n-20 MHz MIDDLE CHANNEL



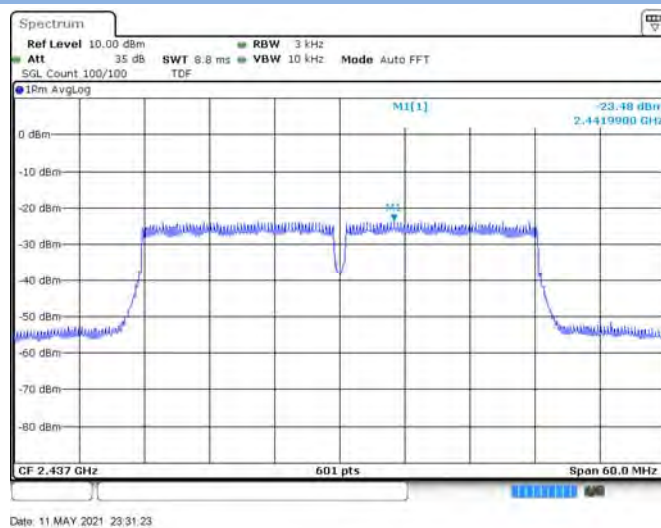
802.11n-20 MHz HIGH CHANNEL



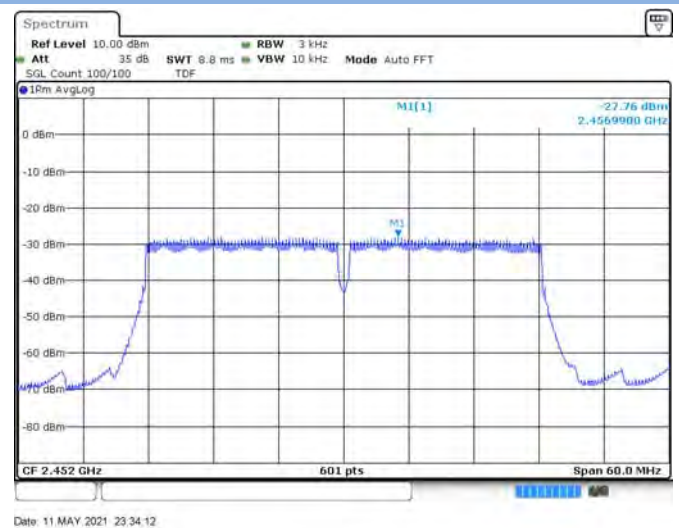
802.11n-40 MHz LOW CHANNEL



802.11n-40 MHz MIDDLE CHANNEL



802.11n-40 MHz HIGH CHANNEL



Aux. Antenna

802.11b LOW CHANNEL



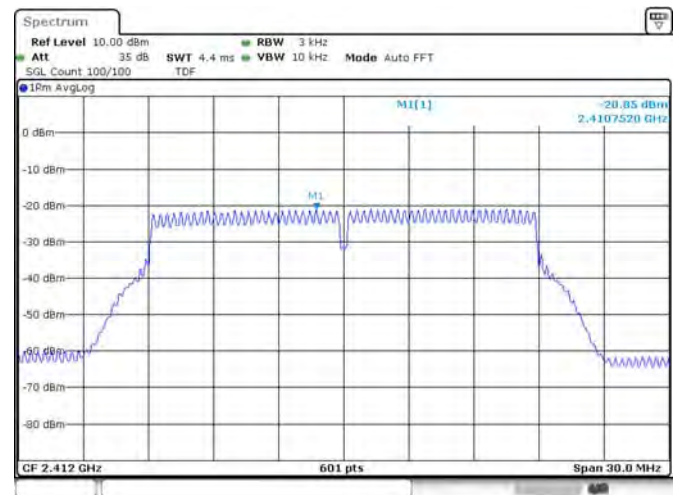
802.11b MIDDLE CHANNEL



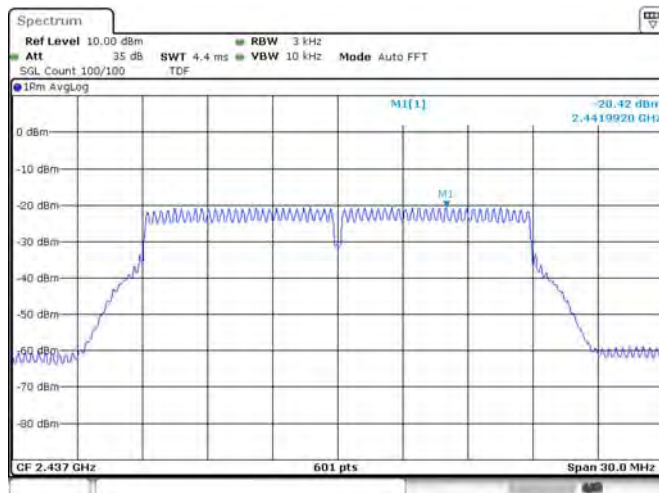
802.11b HIGH CHANNEL



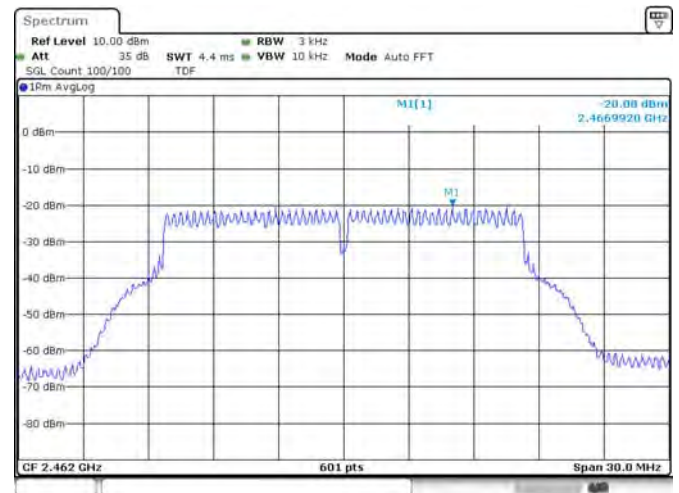
802.11g LOW CHANNEL



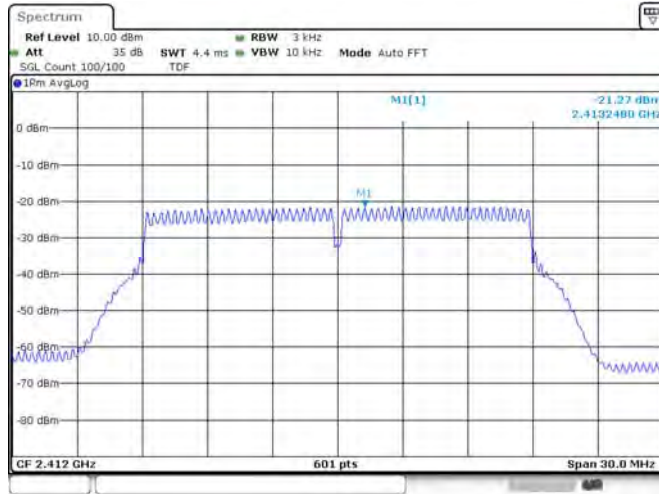
802.11g MIDDLE CHANNEL



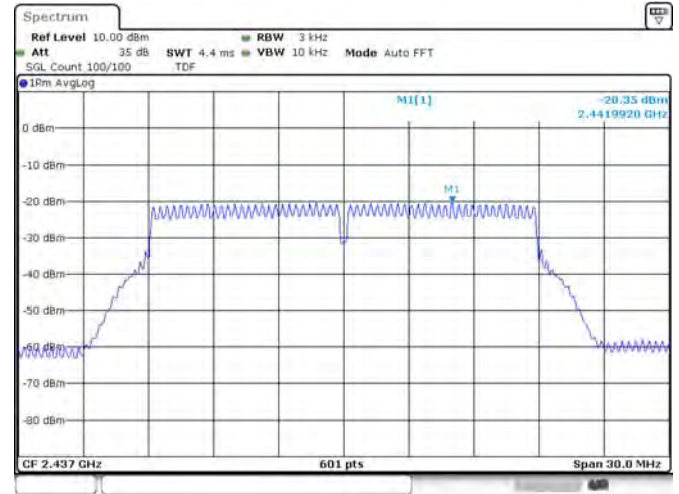
802.11g HIGH CHANNEL



802.11n-20 MHz LOW CHANNEL



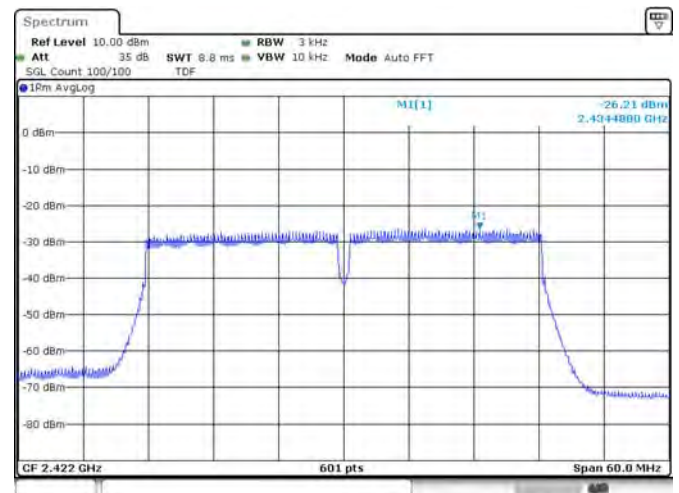
802.11 n-20 MHz MIDDLE CHANNEL



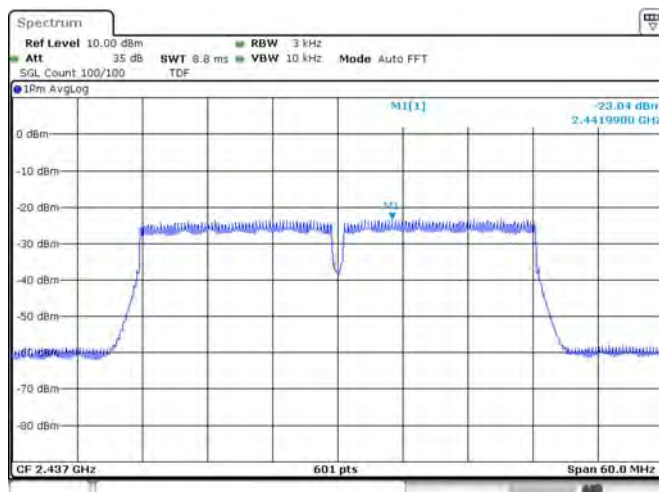
802.11n-20 MHz HIGH CHANNEL



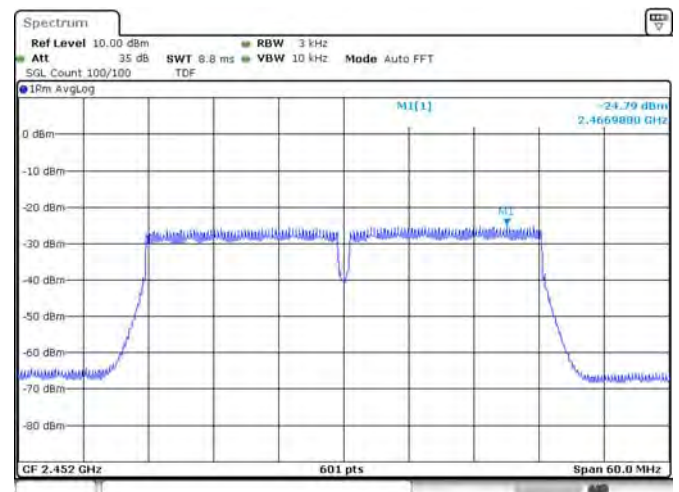
802.11n-40 MHz LOW CHANNEL



802.11n-40 MHz MIDDLE CHANNEL

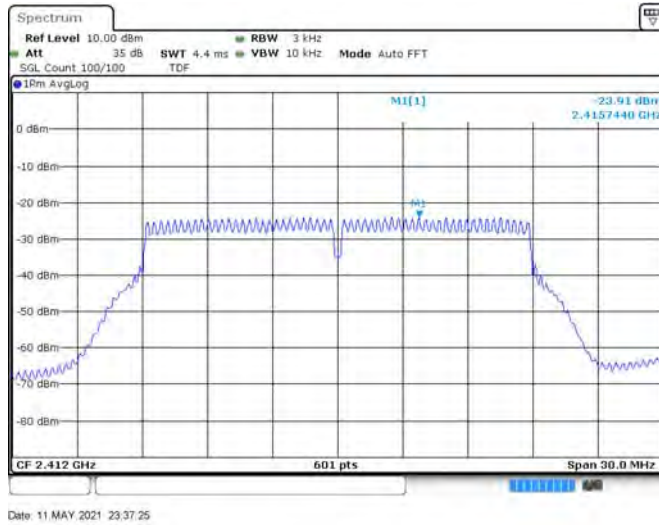


802.11n-40 MHz HIGH CHANNEL

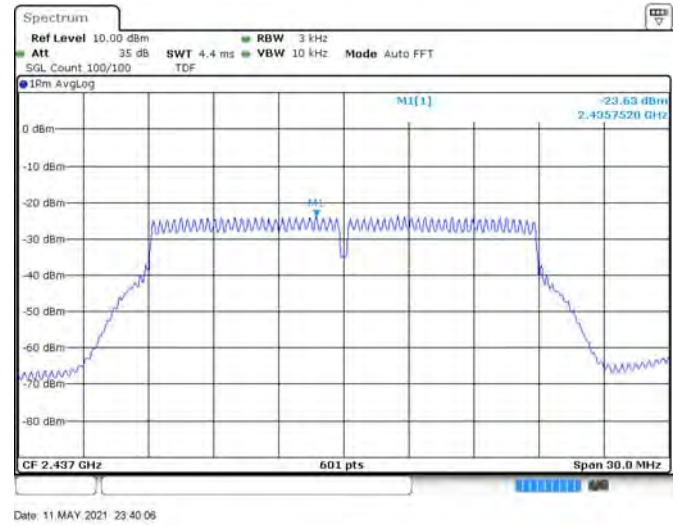


MIMO-Main Antenna

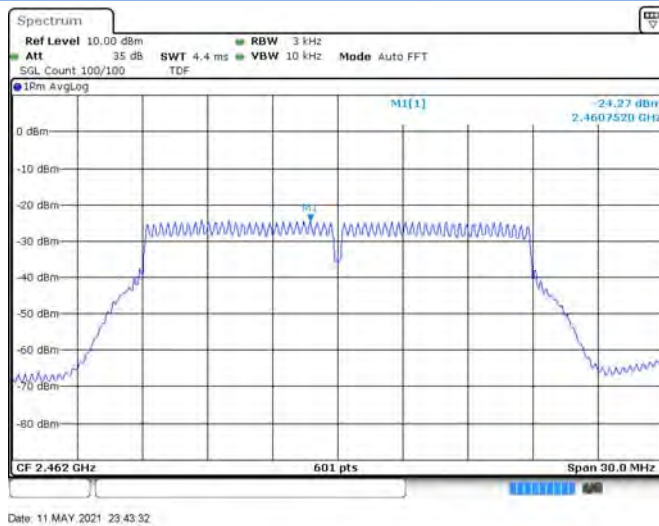
802.11n-20 MHz LOW CHANNEL



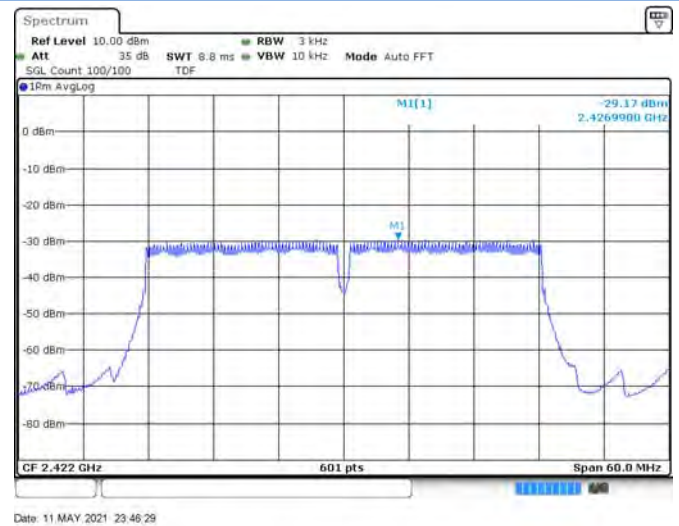
802.11 n-20 MHz MIDDLE CHANNEL



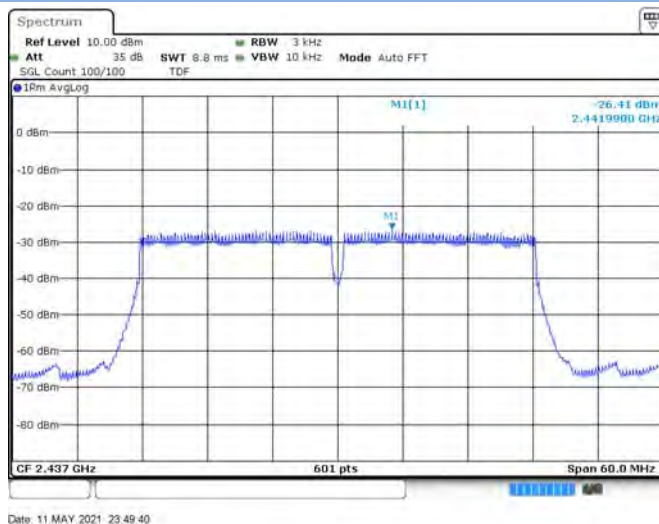
802.11n-20 MHz HIGH CHANNEL



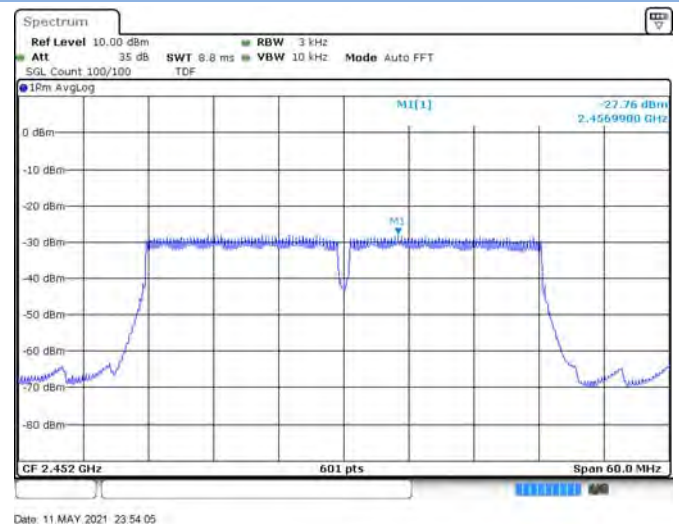
802.11n-40 MHz LOW CHANNEL



802.11n-40 MHz MIDDLE CHANNEL

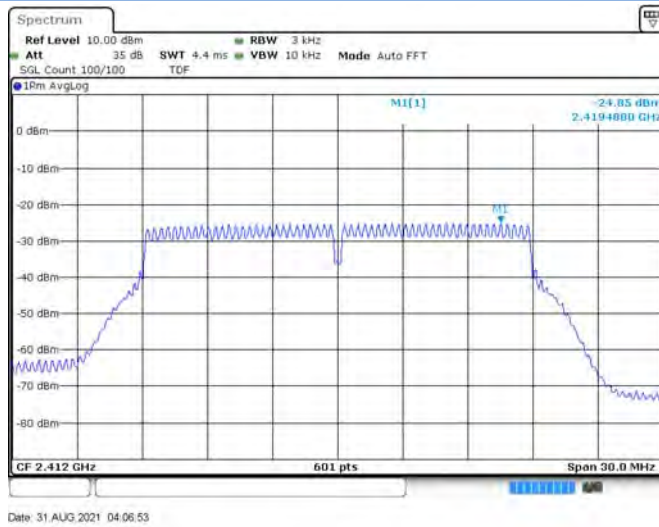


802.11n-40 MHz HIGH CHANNEL

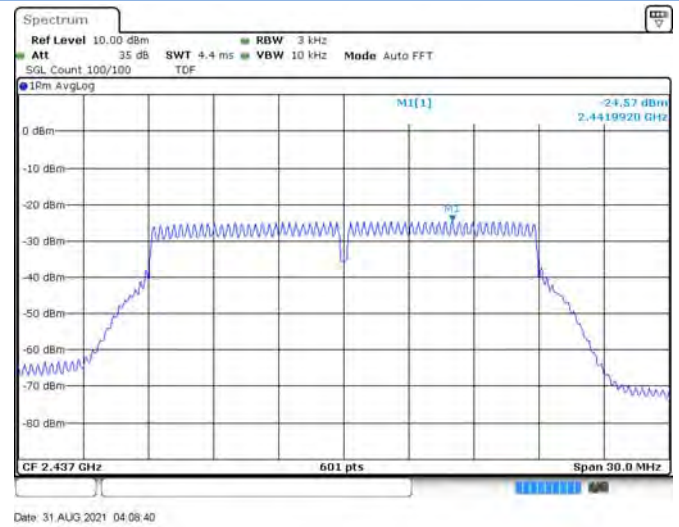


MIMO-Aux. Antenna

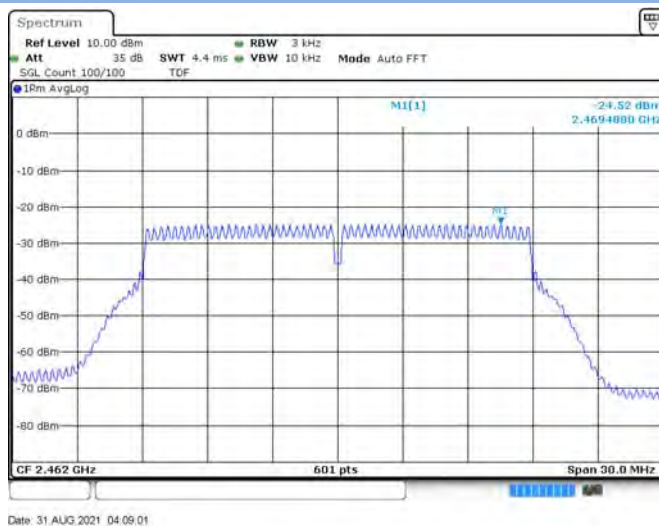
802.11n-20 MHz LOW CHANNEL



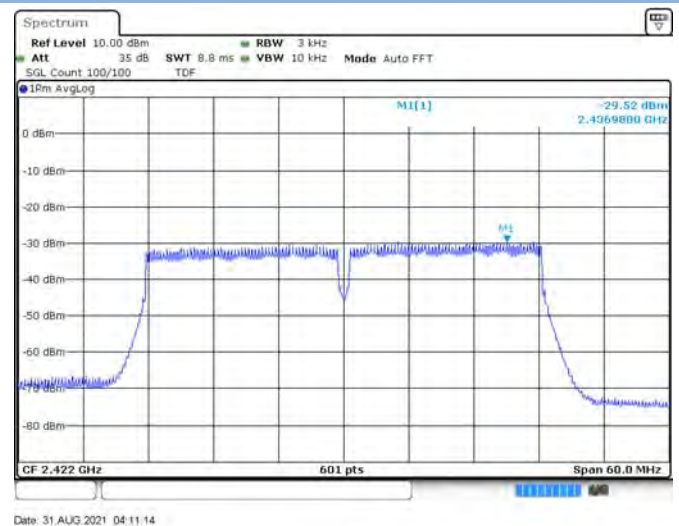
802.11 n-20 MHz MIDDLE CHANNEL



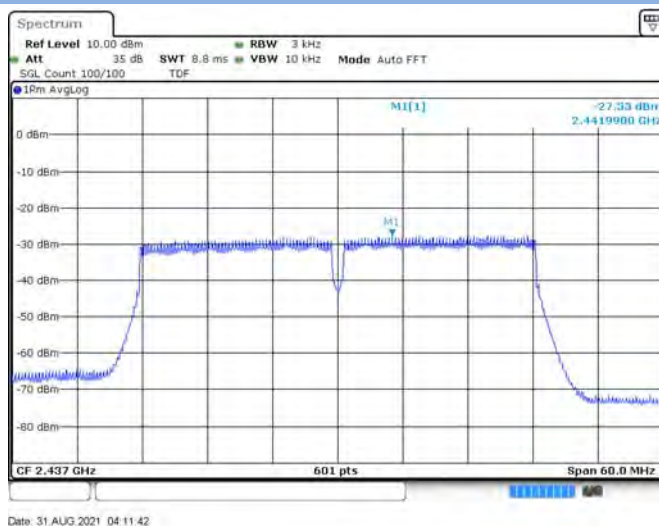
802.11n-20 MHz HIGH CHANNEL



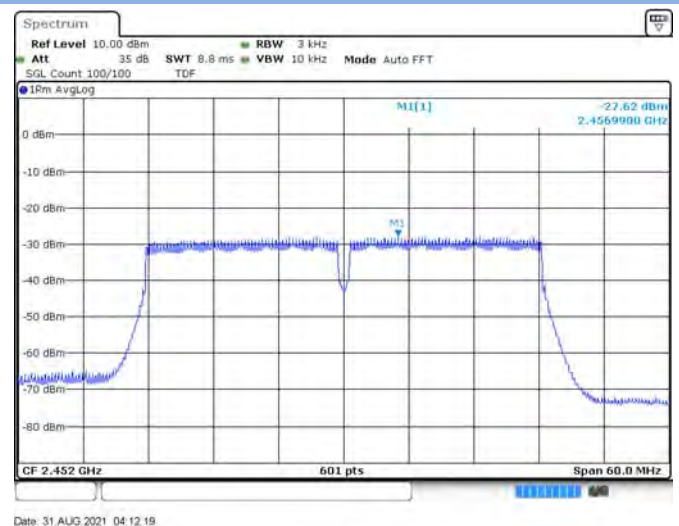
802.11n-40 MHz LOW CHANNEL



802.11n-40 MHz MIDDLE CHANNEL



802.11n-40 MHz HIGH CHANNEL



ESP ModuleTest Data

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-17.31	8
Middle	-17.09	8
High	-17.02	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-19.91	8
Middle	-19.87	8
High	-19.78	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-20.11	8
Middle	-19.88	8
High	-19.84	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-22.80	8
Middle	-22.93	8
High	-23.06	8

Test plots

802.11b LOW CHANNEL



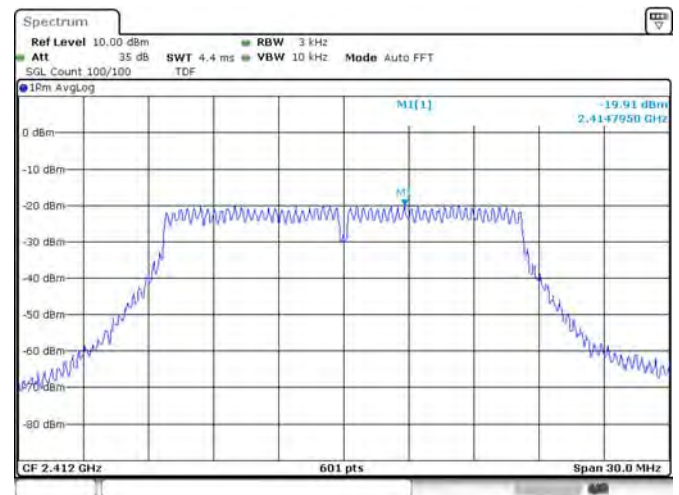
802.11b MIDDLE CHANNEL



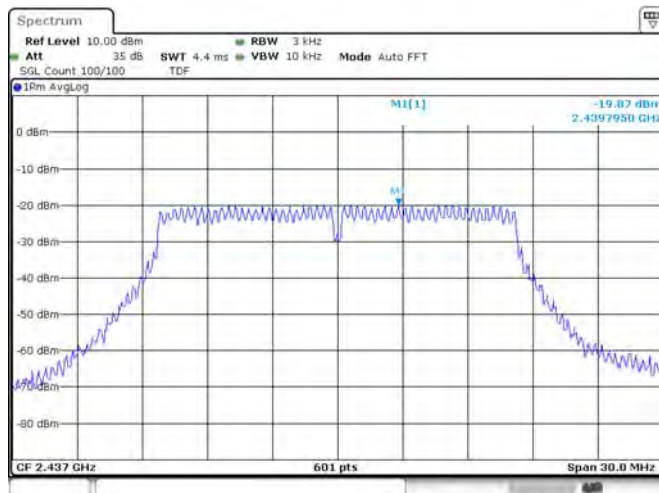
802.11b HIGH CHANNEL



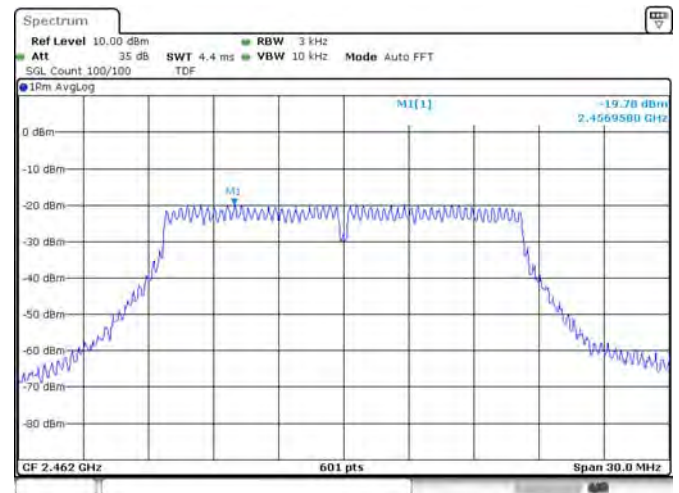
802.11g LOW CHANNEL



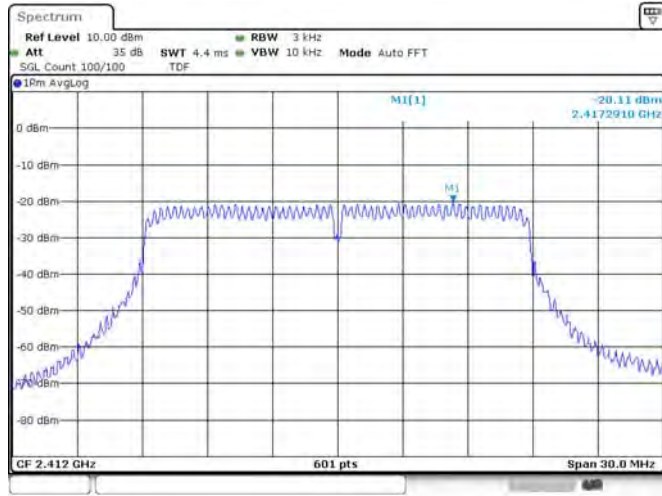
802.11g MIDDLE CHANNEL



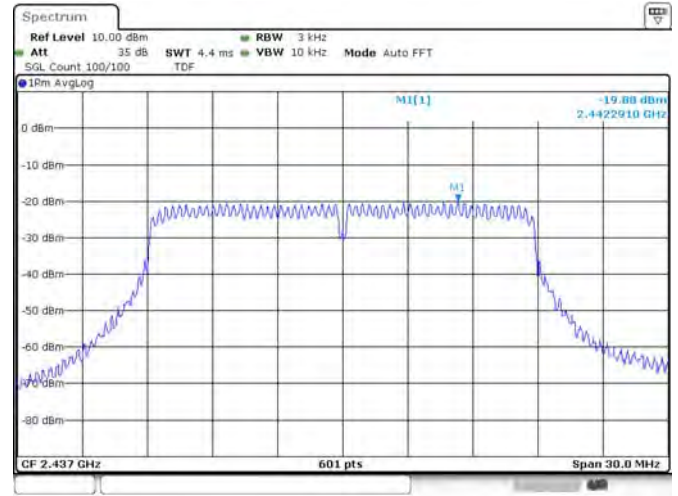
802.11g HIGH CHANNEL



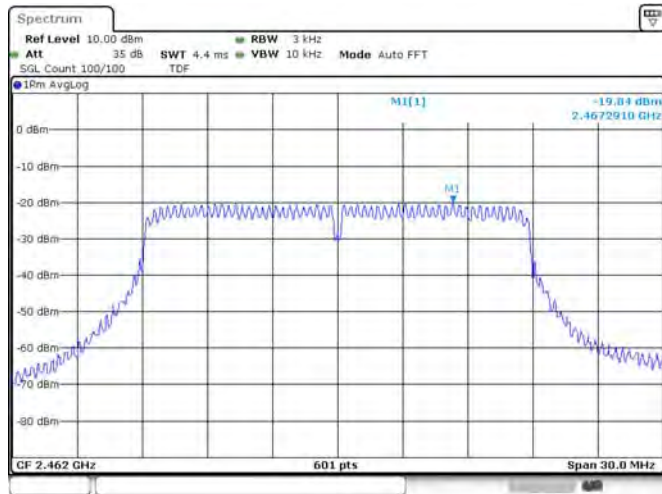
802.11n-20 MHz LOW CHANNEL



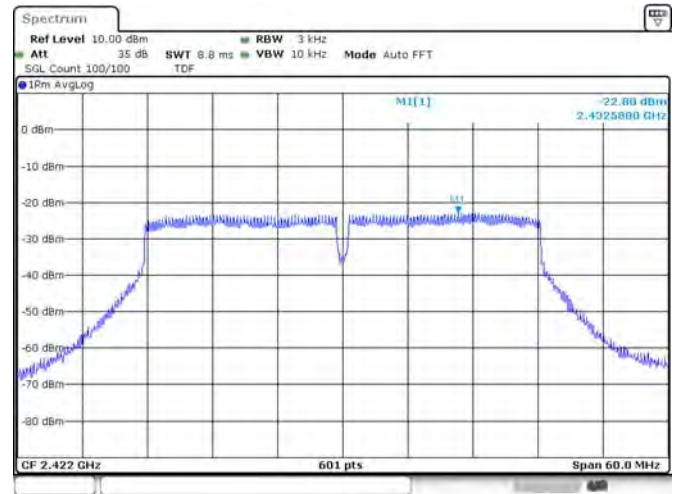
802.11 n-20 MHz MIDDLE CHANNEL



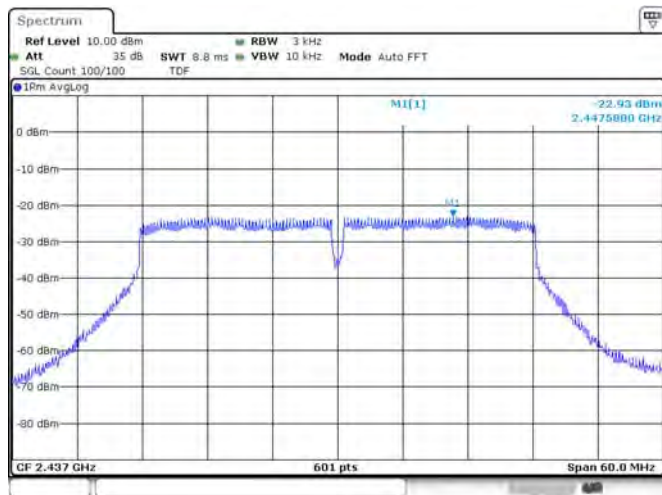
802.11n-20 MHz HIGH CHANNEL



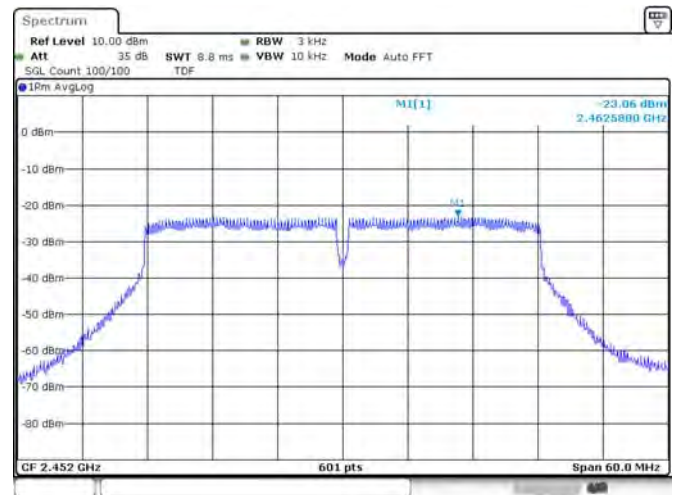
802.11n-40 MHz LOW CHANNEL



802.11n-40 MHz MIDDLE CHANNEL



802.11n-40 MHz HIGH CHANNEL



ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2140589-AR.pdf”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2140589-AW.pdf”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2140589-AI.pdf”.

--END OF REPORT--