A.3 Conducted Spurious Emissions

Test Data

802.11b Mode:

Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-34.47	7.91	-12.09	Pass
Middle	-33.70	7.83	-12.17	Pass
High	-33.82	8.07	-11.93	Pass

802.11g Mode:

Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-32.86	6.38	-13.62	Pass
Middle	-33.76	6.70	-13.30	Pass
High	-34.32	6.33	-13.67	Pass

802.11n-20MHz Mode:

Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-34.01	6.33	-13.67	Pass
Middle	-34.47	6.09	-13.91	Pass
High	-32.56	6.77	-13.23	Pass

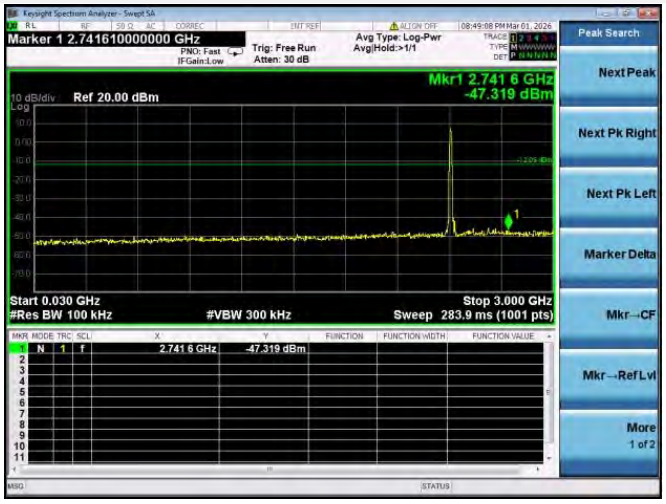
802.11n-40MHz Mode:

Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-37.69	4.62	-15.38	Pass
Middle	-37.66	2.50	-17.50	Pass
High	-37.48	3.55	-16.45	Pass

Test Plots

802.11b LOW CHANNEL CARRIER LEVEL

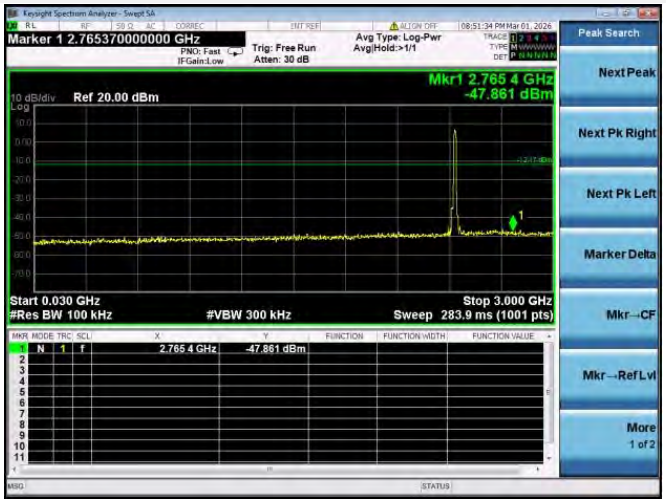
802.11b LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



802.11b LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

802.11b MIDDLE CHANNEL CARRIER LEVEL

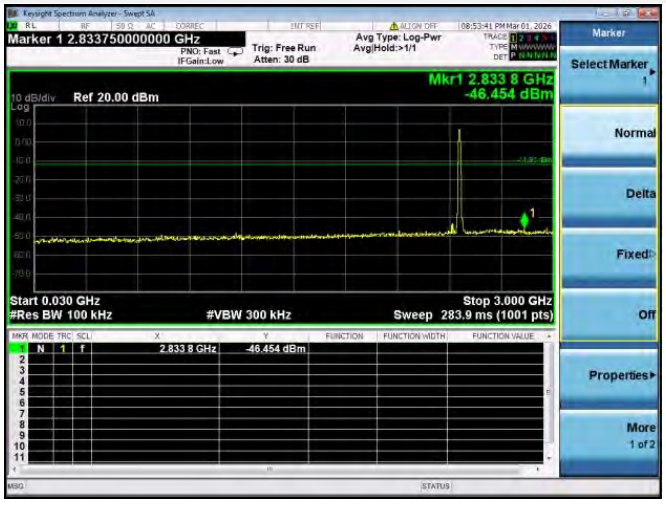
802.11b MIDDLE CHANNEL, SPURIOUS
30 MHz ~ 3 GHz



802.11b MIDDLE CHANNEL, SPURIOUS
2 GHz ~ 25 GHz

802.11b HIGH CHANNEL CARRIER LEVEL

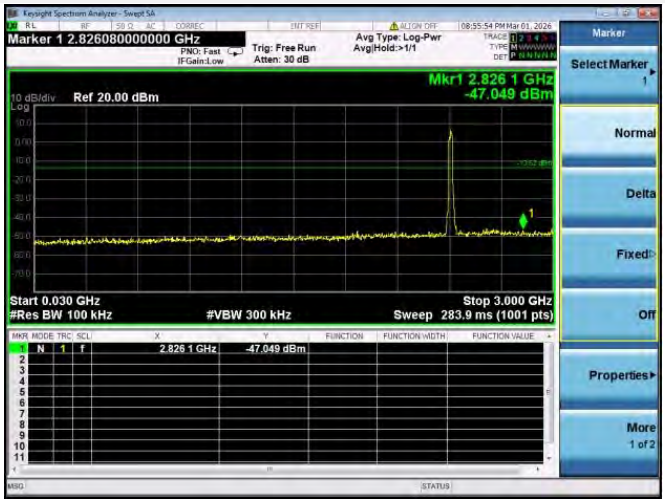
802.11b HIGH CHANNEL, SPURIOUS
30 MHz ~ 3 GHz



802.11b HIGH CHANNEL, SPURIOUS
2 GHz ~ 25 GHz

802.11g LOW CHANNEL CARRIER LEVEL

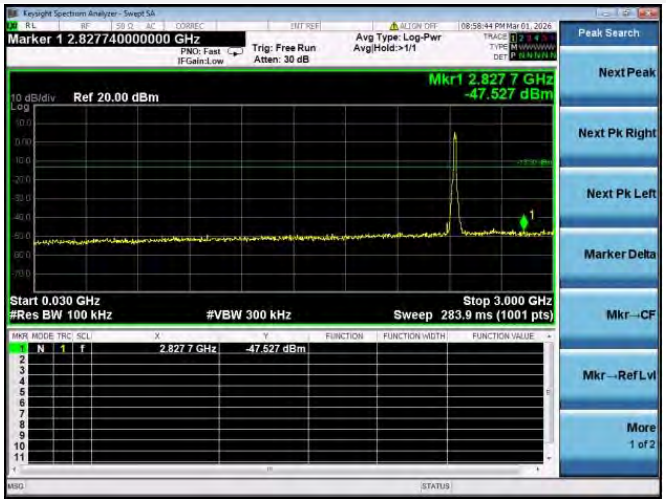
802.11g LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



802.11g LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

802.11g MIDDLE CHANNEL CARRIER LEVEL

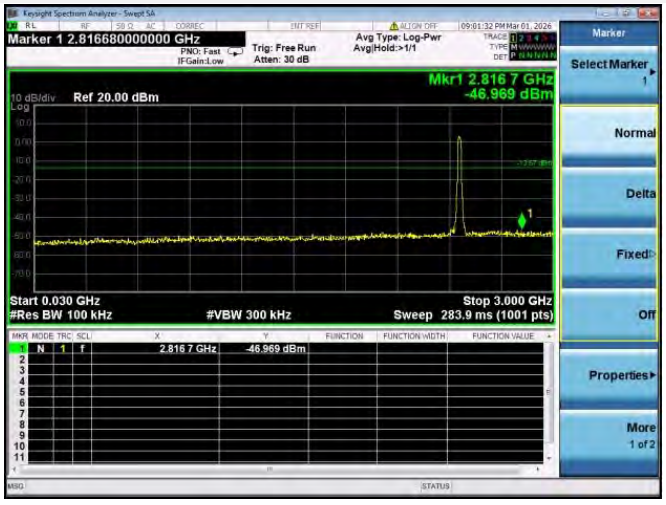
802.11g MIDDLE CHANNEL, SPURIOUS
30 MHz ~ 3 GHz



802.11g MIDDLE CHANNEL, SPURIOUS
2 GHz ~ 25 GHz

802.11g HIGH CHANNEL CARRIER LEVEL

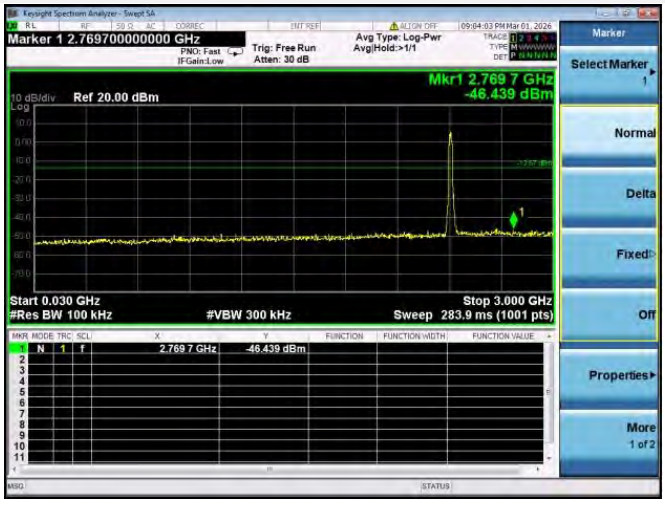
802.11g HIGH CHANNEL, SPURIOUS
30 MHz ~ 3 GHz



802.11g HIGH CHANNEL, SPURIOUS
2 GHz ~ 25 GHz

802.11n-20 MHz LOW CHANNEL CARRIER LEVEL

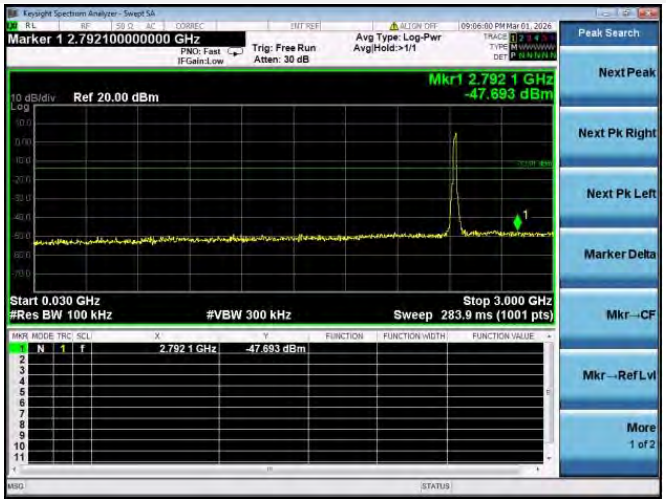
802.11n-20 MHz LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



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

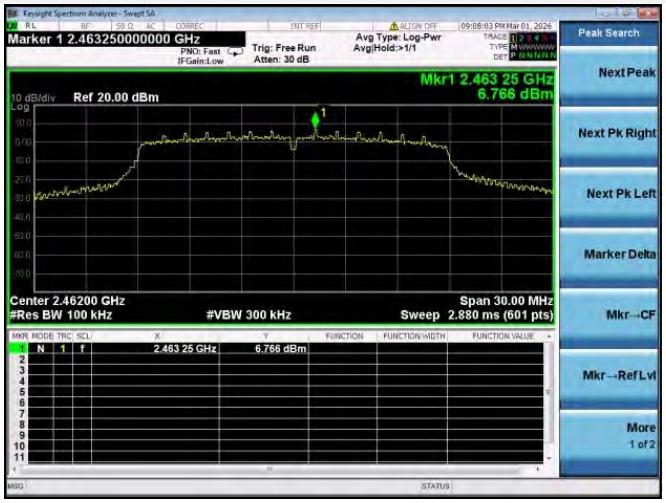
802.11n-20 MHz MIDDLE CHANNEL CARRIER LEVEL

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

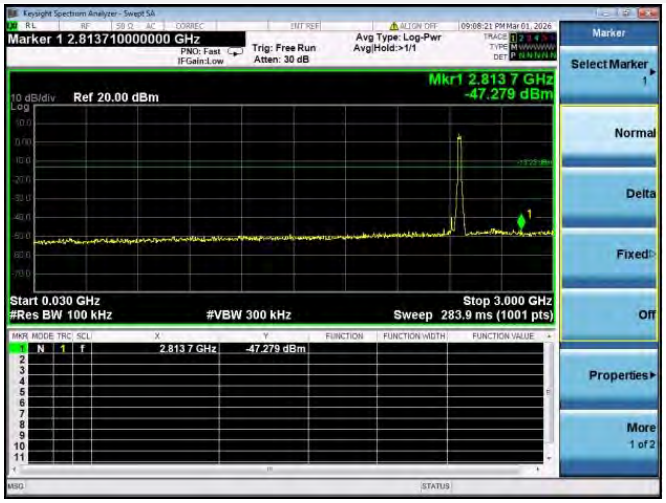


802.11n-20 MHz MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

802.11n-20 MHz HIGH CHANNEL CARRIER LEVEL



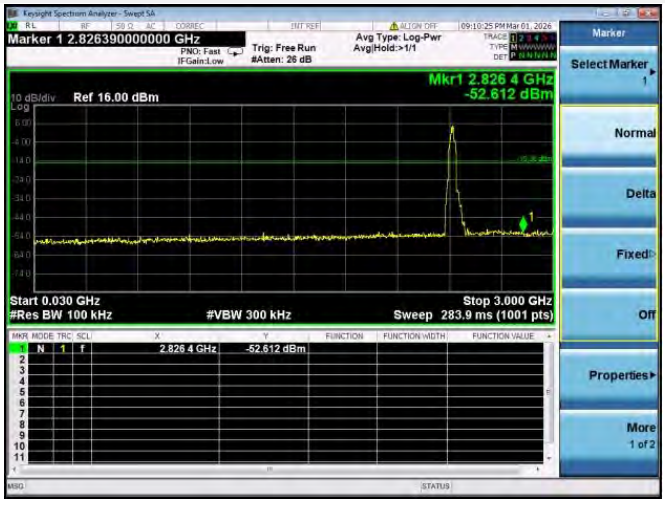
802.11n-20 MHz HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



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

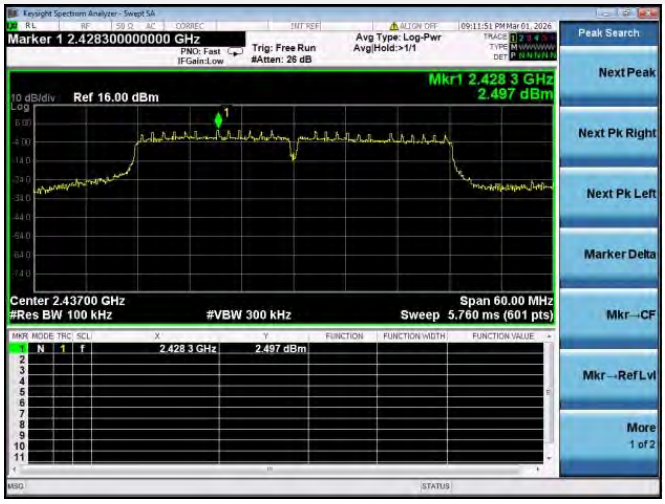
802.11n-40 MHz LOW CHANNEL CARRIER LEVEL

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

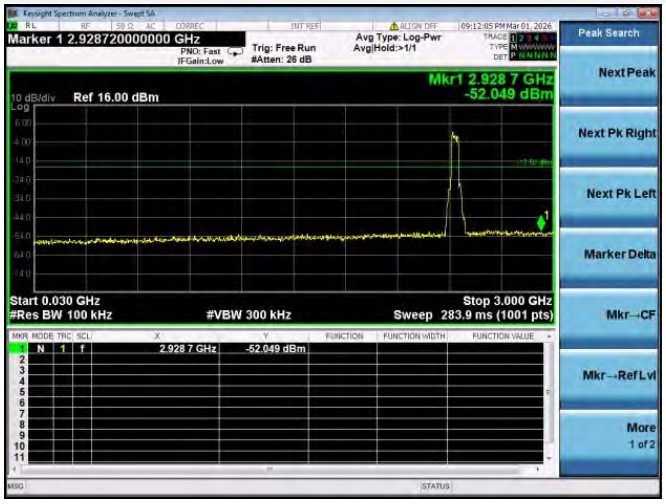


802.11n-40 MHz LOW CHANNEL, SPURIOUS
2 GHz ~ 25 GHz

802.11n-40 MHz MIDDLE CHANNEL CARRIER LEVEL



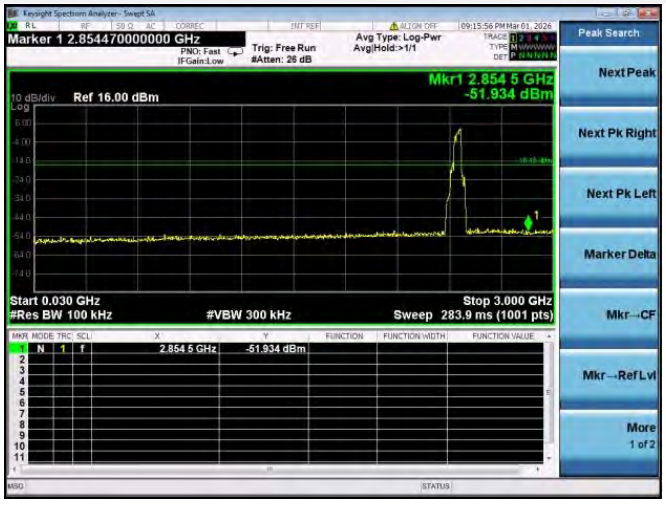
802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



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

802.11n-40 MHz HIGH CHANNEL CARRIER LEVEL

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



802.11n-40 MHz 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.

Test Data

802.11b Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-37.36	7.91	-12.09	Pass
High Channel	-43.68	8.07	-11.93	Pass

802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-28.83	6.38	-13.62	Pass
High Channel	-38.51	6.33	-13.67	Pass

802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-30.89	6.33	-13.67	Pass
High Channel	-35.30	6.77	-13.23	Pass

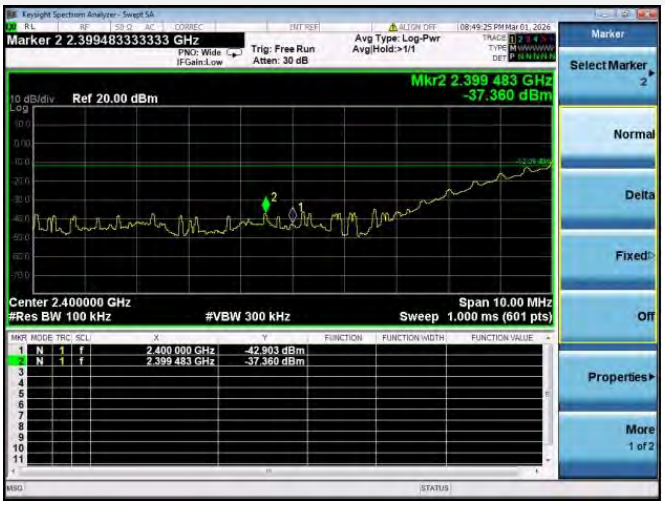
802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-23.13	4.62	-15.38	Pass
High Channel	-25.58	3.55	-16.45	Pass

Test Plots

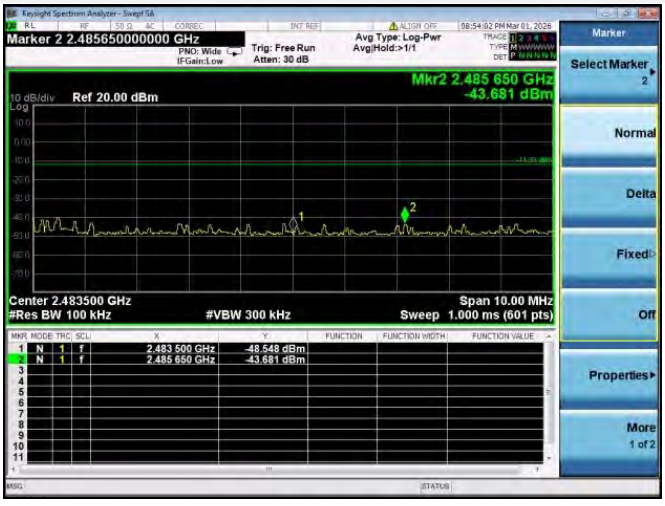
802.11b LOW CHANNEL, CARRIER LEVEL

802.11b LOW CHANNEL, BAND EDGE



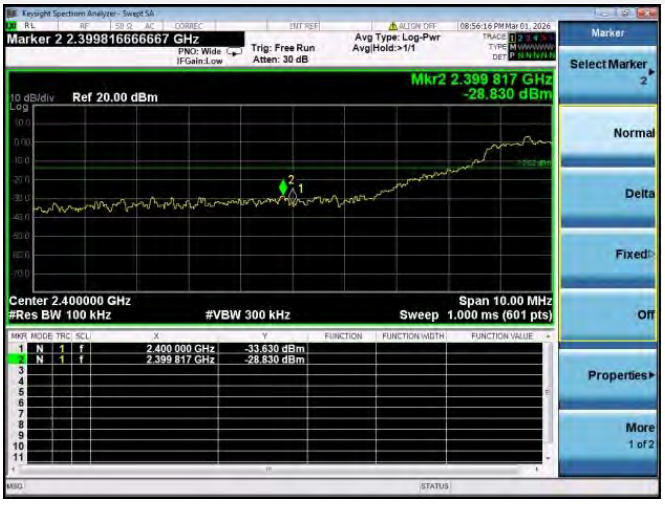
802.11b HIGH CHANNEL, CARRIER LEVEL

802.11b HIGH CHANNEL, BAND EDGE



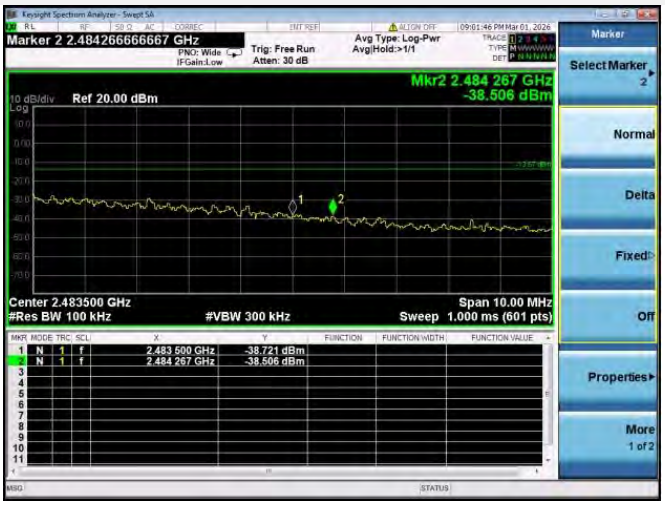
802.11g LOW CHANNEL, CARRIER LEVEL

802.11g LOW CHANNEL, BAND EDGE



802.11g HIGH CHANNEL, CARRIER LEVEL

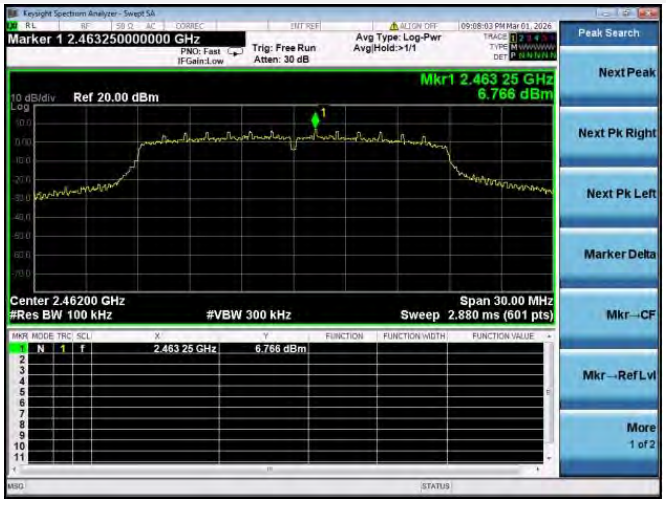
802.11g HIGH CHANNEL, BAND EDGE



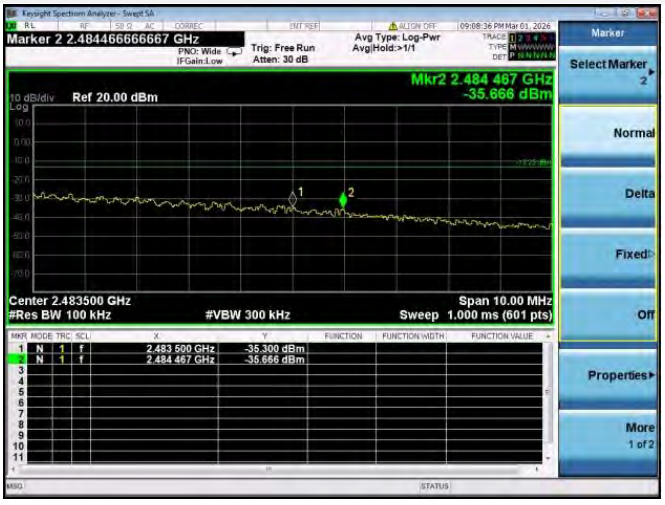
802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL

802.11n-20 MHz LOW CHANNEL, BAND EDGE

802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL

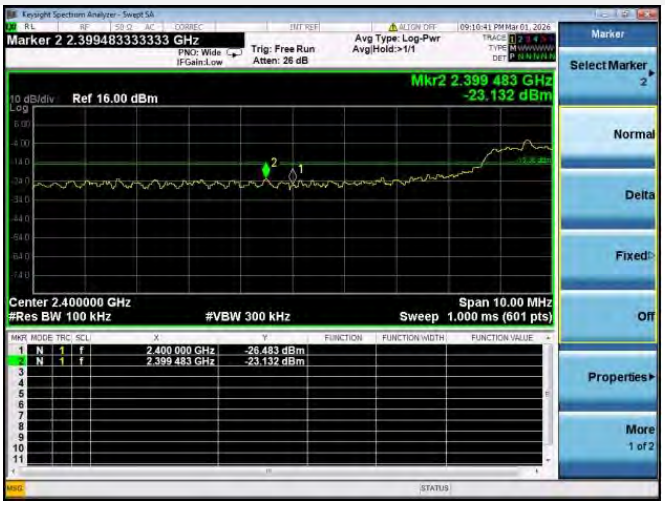


802.11n-20 MHz HIGH CHANNEL, BAND EDGE

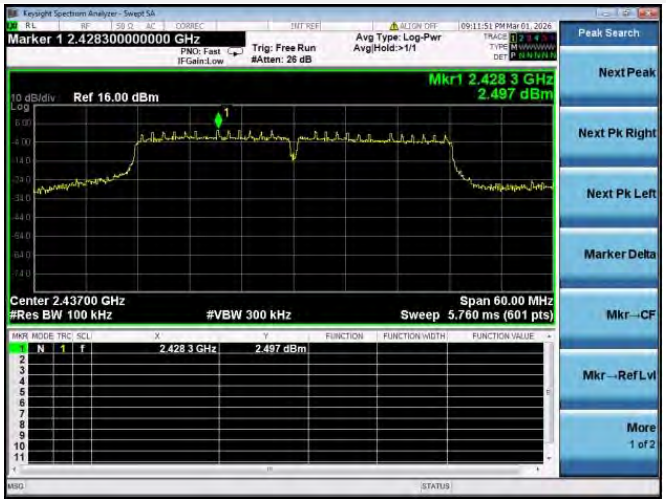


802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL

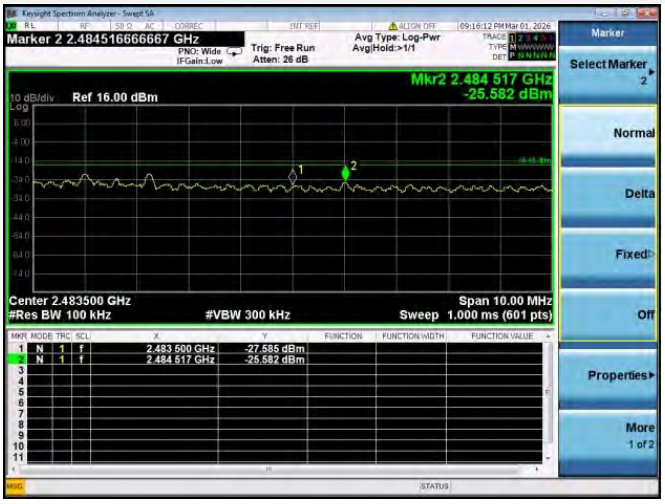
802.11n-40 MHz LOW CHANNEL, BAND EDGE



802.11n-40 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-40 MHz HIGH CHANNEL, BAND EDGE



A.5 Conducted Emissions

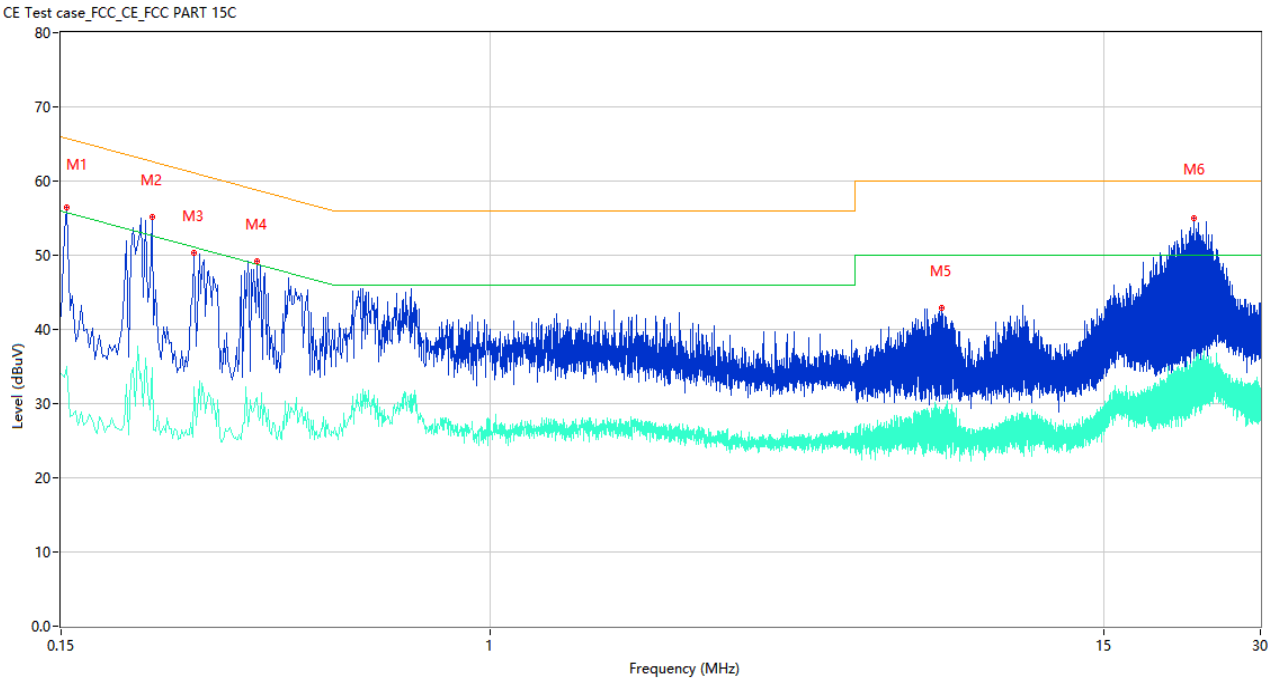
Note [1]: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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

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

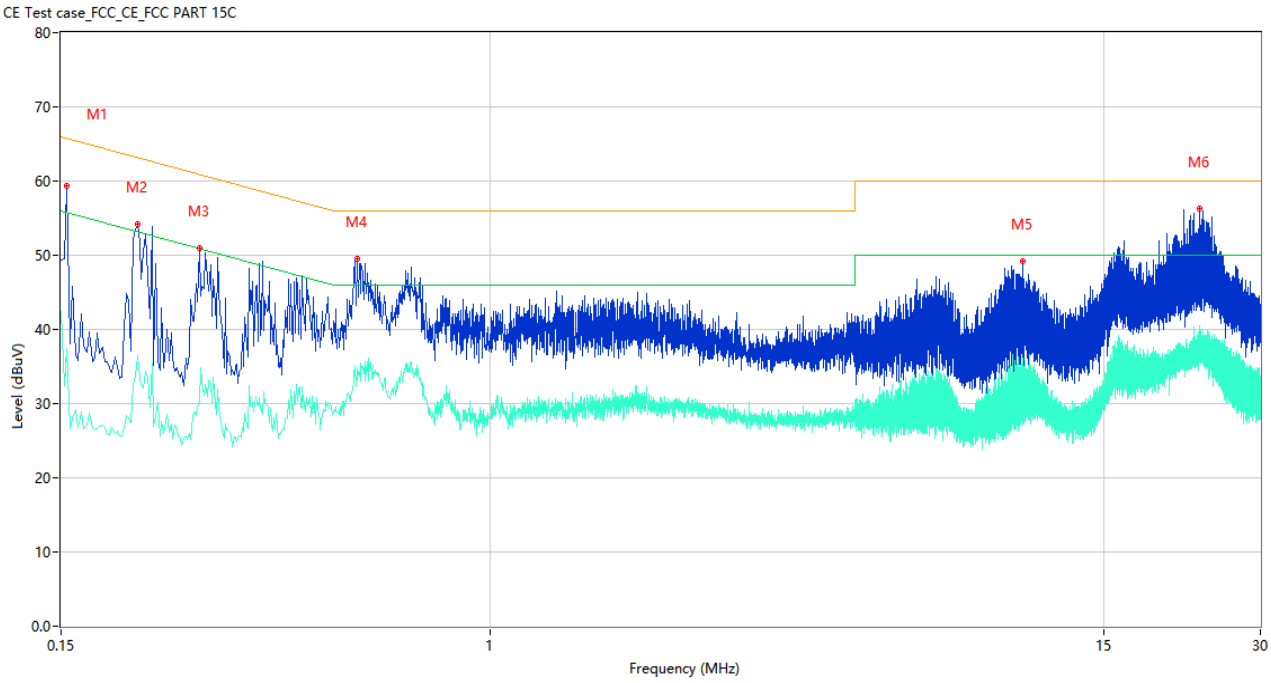
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.154	56.50	9.86	65.78	9.28	Peak	L	Pass
1**	0.154	35.04	9.86	55.78	20.74	AV	L	Pass
2	0.224	55.23	9.83	62.67	7.44	Peak	L	Pass
2**	0.224	34.88	9.83	52.67	17.79	AV	L	Pass
3	0.270	50.36	9.82	61.12	10.76	Peak	L	Pass
3**	0.270	32.27	9.82	51.12	18.85	AV	L	Pass
4	0.356	49.26	10.79	58.82	9.56	Peak	L	Pass
4**	0.356	30.75	10.79	48.82	18.07	AV	L	Pass
5	7.342	42.97	10.03	60.00	17.03	Peak	L	Pass
5**	7.342	27.66	10.03	50.00	22.34	AV	L	Pass
6	22.386	54.97	11.23	60.00	5.03	Peak	L	Pass
6**	22.386	35.88	11.23	50.00	14.12	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.154	59.37	9.86	65.78	6.41	Peak	N	Pass
1**	0.154	37.45	9.86	55.78	18.33	AV	N	Pass
2	0.210	54.15	9.83	63.21	9.06	Peak	N	Pass
2**	0.210	36.41	9.83	53.21	16.80	AV	N	Pass
3	0.276	50.95	9.82	60.94	9.99	Peak	N	Pass
3**	0.276	30.09	9.82	50.94	20.85	AV	N	Pass
4	0.554	49.60	10.10	56.00	6.40	Peak	N	Pass
4**	0.554	34.75	10.10	46.00	11.25	AV	N	Pass
5	10.518	49.19	10.25	60.00	10.81	Peak	N	Pass
5**	10.518	29.94	10.25	50.00	20.06	AV	N	Pass
6	22.896	56.22	11.04	60.00	3.78	Peak	N	Pass
6**	22.896	37.87	11.04	50.00	12.13	AV	N	Pass

A.6 Radiated Emission

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

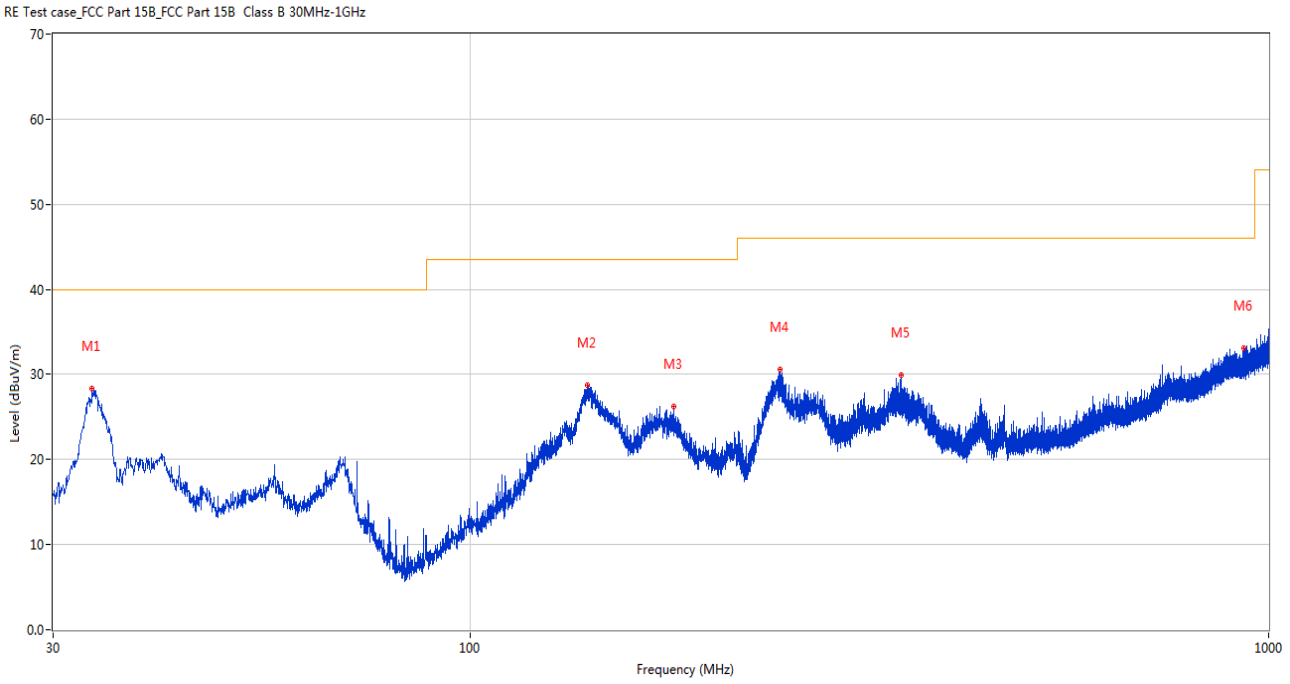
Note [2]: For the test data above 1 GHz，According the ANSI C63.10-2020, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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

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

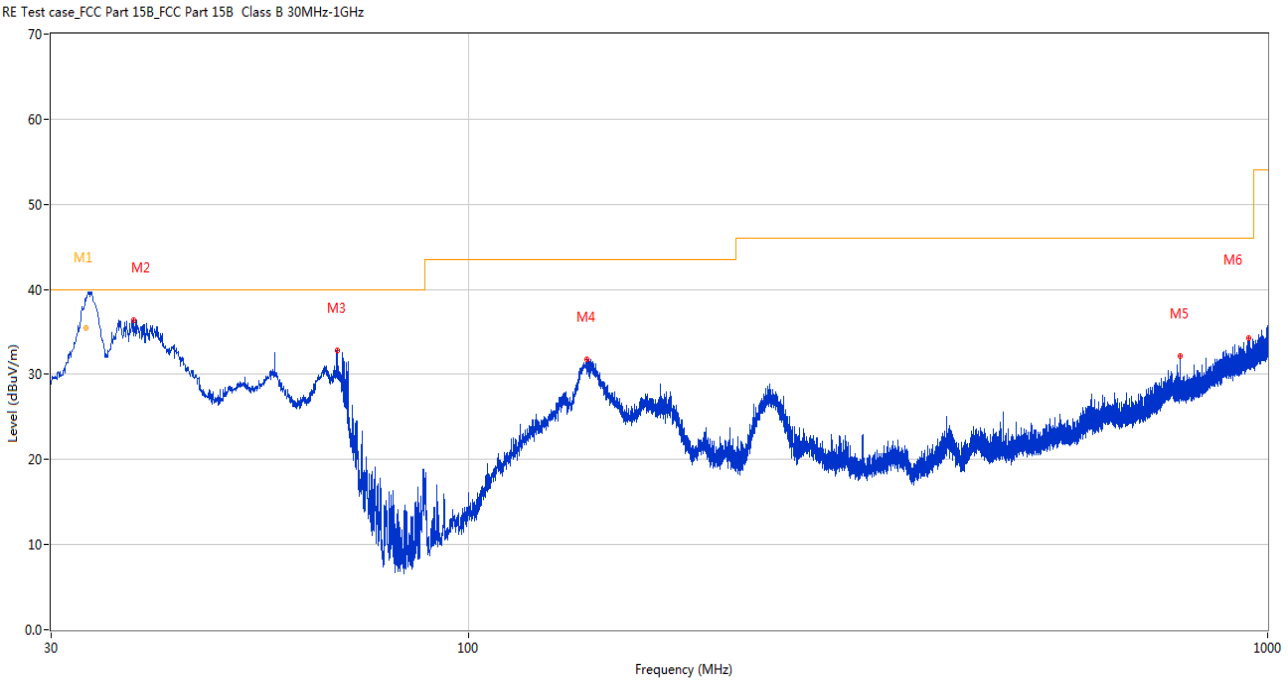
Test Data and Plots

30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	33.589	28.32	-28.50	40.0	11.68	Peak	259.50	200	Horizontal	Pass
2	140.240	28.72	-28.65	43.5	14.78	Peak	135.20	200	Horizontal	Pass
3	179.622	26.23	-26.47	43.5	17.27	Peak	144.20	200	Horizontal	Pass
4	244.322	30.58	-23.05	46.0	15.42	Peak	296.90	100	Horizontal	Pass
5	346.366	29.87	-19.35	46.0	16.13	Peak	277.50	100	Horizontal	Pass
6	929.724	33.14	-5.75	46.0	12.86	Peak	255.60	200	Horizontal	Pass

30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	33.138	40.01	-28.57	40.0	-0.01	Peak	234.40	102	Vertical	N/A
1*	33.138	35.48	-28.57	40.0	4.52	QP	234.40	102	Vertical	Pass
2	38.002	36.39	-26.57	40.0	3.61	Peak	4.40	100	Vertical	Pass
3	68.364	32.84	-27.76	40.0	7.16	Peak	210.50	100	Vertical	Pass
4	140.483	31.72	-28.65	43.5	11.78	Peak	95.20	100	Vertical	Pass
5	777.919	32.13	-8.95	46.0	13.87	Peak	64.30	100	Vertical	Pass
6	948.008	34.25	-5.28	46.0	11.75	Peak	150.00	100	Vertical	Pass

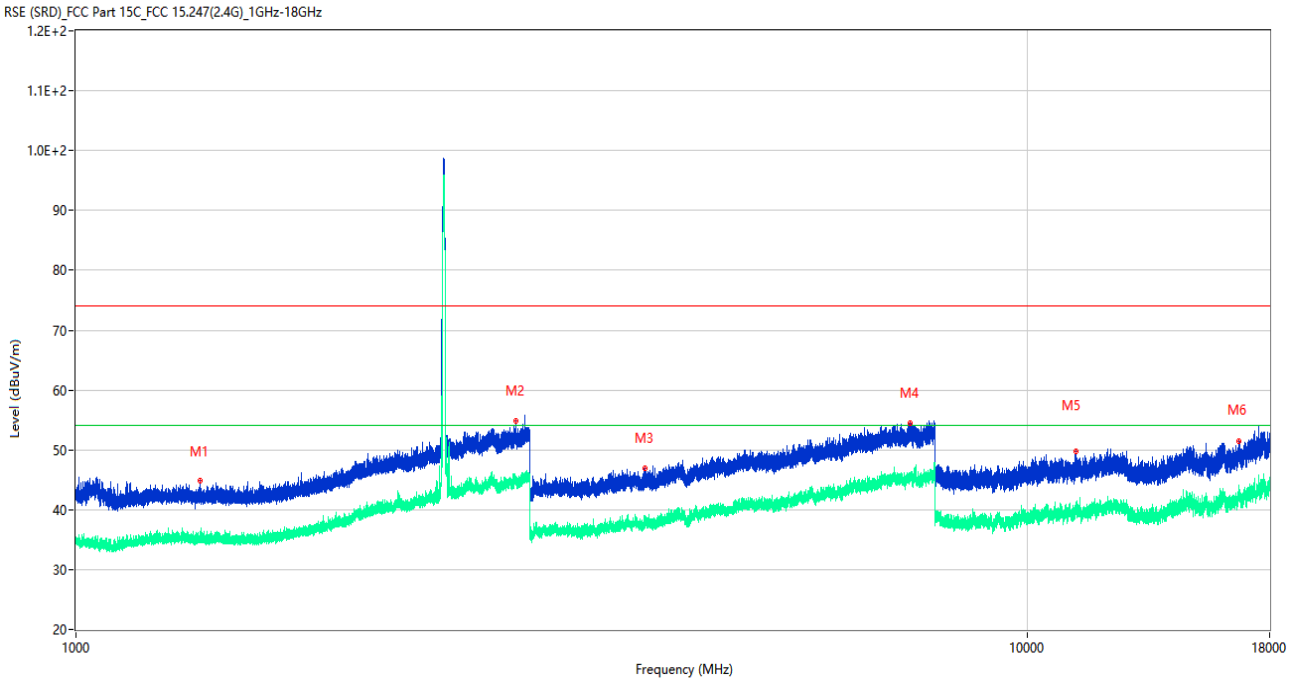
Note [1]: The marked spikes near 2400 MHz with circle should be ignored because they are Fundamental signal.

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

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1435.289	42.35	74.0	31.65	Peak	80.00	100	Horizontal	Pass
1**	1435.289	32.96	54.0	21.04	AV	80.00	100	Horizontal	Pass
2	1798.881	43.29	74.0	30.72	Peak	252.00	400	Horizontal	Pass
2**	1798.881	33.88	54.0	20.12	AV	252.00	400	Horizontal	Pass
3	4870.031	49.74	74.0	24.26	Peak	212.00	200	Horizontal	Pass
3**	4870.031	40.89	54.0	13.11	AV	212.00	200	Horizontal	Pass
4	7934.548	54.18	74.0	19.82	Peak	215.00	200	Horizontal	Pass
4**	7934.548	46.11	54.0	7.89	AV	215.00	200	Horizontal	Pass
5	12995.064	54.12	74.0	19.88	Peak	80.00	200	Horizontal	Pass
5**	12995.064	44.43	54.0	9.57	AV	80.00	200	Horizontal	Pass
6	16984.156	55.90	74.0	18.10	Peak	357.00	200	Horizontal	Pass
6**	16984.156	44.02	54.0	9.99	AV	357.00	200	Horizontal	Pass

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



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1351.488	44.92	74.0	29.08	Peak	185.00	400	Vertical	Pass
1**	1351.488	36.34	54.0	17.66	AV	185.00	400	Vertical	Pass
2	2902.417	54.89	74.0	19.11	Peak	67.00	300	Vertical	Pass
2**	2902.417	45.25	54.0	8.75	AV	67.00	300	Vertical	Pass
3	3969.255	47.20	74.0	26.80	Peak	209.00	200	Vertical	Pass
3**	3969.255	38.74	54.0	15.26	AV	209.00	200	Vertical	Pass
4	7548.790	54.76	74.0	19.24	Peak	12.00	300	Vertical	Pass
4**	7548.790	46.26	54.0	7.74	AV	12.00	300	Vertical	Pass
5	11270.122	49.85	74.0	24.15	Peak	59.00	100	Vertical	Pass
5**	11270.122	40.39	54.0	13.61	AV	59.00	100	Vertical	Pass
6	16711.709	51.83	74.0	22.17	Peak	171.00	300	Vertical	Pass
6**	16711.709	43.19	54.0	10.81	AV	171.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1432.472	42.34	74.0	31.66	Peak	184.00	400	Horizontal	Pass
1**	1432.472	32.74	54.0	21.26	AV	184.00	400	Horizontal	Pass
2	1802.117	42.97	74.0	31.04	Peak	26.00	400	Horizontal	Pass
2**	1802.117	33.33	54.0	20.67	AV	26.00	400	Horizontal	Pass
3	4876.604	49.15	74.0	24.85	Peak	103.00	200	Horizontal	Pass
3**	4876.604	40.31	54.0	13.69	AV	103.00	200	Horizontal	Pass
4	7933.877	53.81	74.0	20.19	Peak	356.00	400	Horizontal	Pass
4**	7933.877	45.50	54.0	8.50	AV	356.00	400	Horizontal	Pass
5	12990.845	53.79	74.0	20.21	Peak	220.00	200	Horizontal	Pass
5**	12990.845	43.89	54.0	10.11	AV	220.00	200	Horizontal	Pass
6	16986.888	55.19	74.0	18.81	Peak	11.00	100	Horizontal	Pass
6**	16986.888	45.78	54.0	8.23	AV	11.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1350.853	44.09	74.0	29.91	Peak	23.00	300	Vertical	Pass
1**	1350.853	35.48	54.0	18.52	AV	23.00	300	Vertical	Pass
2	2902.693	54.22	74.0	19.78	Peak	348.00	300	Vertical	Pass
2**	2902.693	44.67	54.0	9.33	AV	348.00	300	Vertical	Pass
3	3964.088	46.89	74.0	27.11	Peak	344.00	200	Vertical	Pass
3**	3964.088	38.15	54.0	15.85	AV	344.00	200	Vertical	Pass
4	7550.405	54.55	74.0	19.45	Peak	33.00	300	Vertical	Pass
4**	7550.405	46.14	54.0	7.86	AV	33.00	300	Vertical	Pass
5	11267.793	49.42	74.0	24.58	Peak	18.00	200	Vertical	Pass
5**	11267.793	40.12	54.0	13.88	AV	18.00	200	Vertical	Pass
6	16712.739	51.73	74.0	22.27	Peak	247.00	100	Vertical	Pass
6**	16712.739	42.77	54.0	11.23	AV	247.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1431.219	42.18	74.0	31.82	Peak	6.00	100	Horizontal	Pass
1**	1431.219	32.88	54.0	21.12	AV	6.00	100	Horizontal	Pass
2	1797.654	42.86	74.0	31.15	Peak	137.00	400	Horizontal	Pass
2**	1797.654	33.85	54.0	20.15	AV	137.00	400	Horizontal	Pass
3	4875.267	49.45	74.0	24.55	Peak	120.00	200	Horizontal	Pass
3**	4875.267	40.53	54.0	13.47	AV	120.00	200	Horizontal	Pass
4	7927.629	53.82	74.0	20.18	Peak	68.00	400	Horizontal	Pass
4**	7927.629	45.30	54.0	8.70	AV	68.00	400	Horizontal	Pass
5	12990.534	53.48	74.0	20.52	Peak	20.00	100	Horizontal	Pass
5**	12990.534	44.37	54.0	9.63	AV	20.00	100	Horizontal	Pass
6	16987.112	55.38	74.0	18.62	Peak	174.00	300	Horizontal	Pass
6**	16987.112	45.96	54.0	8.05	AV	174.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1349.396	44.69	74.0	29.31	Peak	91.00	300	Vertical	Pass
1**	1349.396	35.64	54.0	18.36	AV	91.00	300	Vertical	Pass
2	2905.118	54.88	74.0	19.12	Peak	252.00	200	Vertical	Pass
2**	2905.118	44.35	54.0	9.65	AV	252.00	200	Vertical	Pass
3	3962.901	47.07	74.0	26.93	Peak	265.00	200	Vertical	Pass
3**	3962.901	38.08	54.0	15.92	AV	265.00	200	Vertical	Pass
4	7542.917	54.29	74.0	19.71	Peak	256.00	400	Vertical	Pass
4**	7542.917	45.81	54.0	8.19	AV	256.00	400	Vertical	Pass
5	11267.123	49.54	74.0	24.46	Peak	83.00	400	Vertical	Pass
5**	11267.123	40.19	54.0	13.81	AV	83.00	400	Vertical	Pass
6	16709.678	51.58	74.0	22.42	Peak	240.00	300	Vertical	Pass
6**	16709.678	42.84	54.0	11.16	AV	240.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1435.720	41.39	74.0	32.61	Peak	282.00	200	Horizontal	Pass
1**	1435.720	32.47	54.0	21.53	AV	282.00	200	Horizontal	Pass
2	1800.008	42.37	74.0	31.64	Peak	50.00	300	Horizontal	Pass
2**	1800.008	33.32	54.0	20.68	AV	50.00	300	Horizontal	Pass
3	4872.248	49.63	74.0	24.37	Peak	73.00	200	Horizontal	Pass
3**	4872.248	40.31	54.0	13.69	AV	73.00	200	Horizontal	Pass
4	7934.421	53.36	74.0	20.64	Peak	320.00	100	Horizontal	Pass
4**	7934.421	45.20	54.0	8.80	AV	320.00	100	Horizontal	Pass
5	12997.442	53.59	74.0	20.41	Peak	99.00	200	Horizontal	Pass
5**	12997.442	44.23	54.0	9.77	AV	99.00	200	Horizontal	Pass
6	16986.541	55.04	74.0	18.96	Peak	75.00	100	Horizontal	Pass
6**	16986.541	45.24	54.0	8.77	AV	75.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1347.707	43.19	74.0	30.81	Peak	329.00	200	Vertical	Pass
1**	1347.707	34.95	54.0	19.05	AV	329.00	200	Vertical	Pass
2	2906.137	53.38	74.0	20.62	Peak	59.00	300	Vertical	Pass
2**	2906.137	44.29	54.0	9.71	AV	59.00	300	Vertical	Pass
3	3963.490	46.28	74.0	27.72	Peak	22.00	200	Vertical	Pass
3**	3963.490	37.23	54.0	16.77	AV	22.00	200	Vertical	Pass
4	7547.909	54.02	74.0	19.98	Peak	253.00	100	Vertical	Pass
4**	7547.909	45.53	54.0	8.47	AV	253.00	100	Vertical	Pass
5	11265.722	49.34	74.0	24.66	Peak	274.00	100	Vertical	Pass
5**	11265.722	39.60	54.0	14.40	AV	274.00	100	Vertical	Pass
6	16709.490	51.70	74.0	22.30	Peak	3.00	200	Vertical	Pass
6**	16709.490	42.48	54.0	11.52	AV	3.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1436.708	42.30	74.0	31.70	Peak	21.00	200	Horizontal	Pass
1**	1436.708	32.24	54.0	21.76	AV	21.00	200	Horizontal	Pass
2	1801.986	42.00	74.0	32.01	Peak	258.00	400	Horizontal	Pass
2**	1801.986	32.88	54.0	21.12	AV	258.00	400	Horizontal	Pass
3	4871.422	48.58	74.0	25.42	Peak	180.00	200	Horizontal	Pass
3**	4871.422	39.41	54.0	14.59	AV	180.00	200	Horizontal	Pass
4	7934.661	53.29	74.0	20.71	Peak	325.00	300	Horizontal	Pass
4**	7934.661	44.58	54.0	9.42	AV	325.00	300	Horizontal	Pass
5	12990.186	53.39	74.0	20.61	Peak	346.00	200	Horizontal	Pass
5**	12990.186	43.12	54.0	10.88	AV	346.00	200	Horizontal	Pass
6	16986.817	54.26	74.0	19.74	Peak	268.00	200	Horizontal	Pass
6**	16986.817	45.89	54.0	8.12	AV	268.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1353.664	44.43	74.0	29.57	Peak	122.00	400	Vertical	Pass
1**	1353.664	34.86	54.0	19.14	AV	122.00	400	Vertical	Pass
2	2903.976	54.17	74.0	19.83	Peak	71.00	400	Vertical	Pass
2**	2903.976	43.38	54.0	10.62	AV	71.00	400	Vertical	Pass
3	3963.217	46.55	74.0	27.45	Peak	356.00	200	Vertical	Pass
3**	3963.217	38.05	54.0	15.95	AV	356.00	200	Vertical	Pass
4	7543.515	53.81	74.0	20.19	Peak	339.00	400	Vertical	Pass
4**	7543.515	45.64	54.0	8.36	AV	339.00	400	Vertical	Pass
5	11266.431	48.61	74.0	25.39	Peak	19.00	200	Vertical	Pass
5**	11266.431	39.62	54.0	14.38	AV	19.00	200	Vertical	Pass
6	16713.141	50.67	74.0	23.33	Peak	183.00	400	Vertical	Pass
6**	16713.141	42.33	54.0	11.67	AV	183.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1429.673	41.60	74.0	32.40	Peak	284.00	100	Horizontal	Pass
1**	1429.673	32.49	54.0	21.51	AV	284.00	100	Horizontal	Pass
2	1794.384	42.04	74.0	31.97	Peak	308.00	200	Horizontal	Pass
2**	1794.384	33.29	54.0	20.71	AV	308.00	200	Horizontal	Pass
3	4870.881	48.74	74.0	25.26	Peak	186.00	200	Horizontal	Pass
3**	4870.881	40.07	54.0	13.93	AV	186.00	200	Horizontal	Pass
4	7930.227	53.69	74.0	20.31	Peak	183.00	400	Horizontal	Pass
4**	7930.227	44.89	54.0	9.11	AV	183.00	400	Horizontal	Pass
5	12996.341	53.46	74.0	20.54	Peak	51.00	300	Horizontal	Pass
5**	12996.341	43.43	54.0	10.57	AV	51.00	300	Horizontal	Pass
6	16989.413	54.59	74.0	19.41	Peak	234.00	400	Horizontal	Pass
6**	16989.413	45.86	54.0	8.15	AV	234.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1352.070	43.14	74.0	30.86	Peak	306.00	100	Vertical	Pass
1**	1352.070	34.92	54.0	19.08	AV	306.00	100	Vertical	Pass
2	2901.968	53.32	74.0	20.68	Peak	238.00	300	Vertical	Pass
2**	2901.968	44.22	54.0	9.78	AV	238.00	300	Vertical	Pass
3	3969.329	46.20	74.0	27.81	Peak	117.00	200	Vertical	Pass
3**	3969.329	37.17	54.0	16.83	AV	117.00	200	Vertical	Pass
4	7546.817	53.97	74.0	20.03	Peak	54.00	100	Vertical	Pass
4**	7546.817	45.45	54.0	8.55	AV	54.00	100	Vertical	Pass
5	11269.139	49.32	74.0	24.68	Peak	311.00	400	Vertical	Pass
5**	11269.139	39.54	54.0	14.46	AV	311.00	400	Vertical	Pass
6	16711.006	51.66	74.0	22.34	Peak	84.00	300	Vertical	Pass
6**	16711.006	42.43	54.0	11.57	AV	84.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1431.869	41.36	74.0	32.64	Peak	25.00	100	Horizontal	Pass
1**	1431.869	32.38	54.0	21.63	AV	25.00	100	Horizontal	Pass
2	1794.724	42.35	74.0	31.65	Peak	345.00	400	Horizontal	Pass
2**	1794.724	33.27	54.0	20.73	AV	345.00	400	Horizontal	Pass
3	4873.858	49.60	74.0	24.40	Peak	126.00	200	Horizontal	Pass
3**	4873.858	40.23	54.0	13.77	AV	126.00	200	Horizontal	Pass
4	7927.731	53.35	74.0	20.65	Peak	344.00	100	Horizontal	Pass
4**	7927.731	45.17	54.0	8.83	AV	344.00	100	Horizontal	Pass
5	12993.977	53.54	74.0	20.46	Peak	209.00	300	Horizontal	Pass
5**	12993.977	44.15	54.0	9.85	AV	209.00	300	Horizontal	Pass
6	16986.713	54.97	74.0	19.03	Peak	21.00	100	Horizontal	Pass
6**	16986.713	45.21	54.0	8.79	AV	21.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1355.041	44.39	74.0	29.61	Peak	86.00	200	Vertical	Pass
1**	1355.041	34.77	54.0	19.23	AV	86.00	200	Vertical	Pass
2	2905.938	54.09	74.0	19.91	Peak	188.00	300	Vertical	Pass
2**	2905.938	43.31	54.0	10.70	AV	188.00	300	Vertical	Pass
3	3963.539	46.51	74.0	27.49	Peak	349.00	200	Vertical	Pass
3**	3963.539	38.03	54.0	15.97	AV	349.00	200	Vertical	Pass
4	7547.293	53.75	74.0	20.25	Peak	132.00	300	Vertical	Pass
4**	7547.293	45.61	54.0	8.39	AV	132.00	300	Vertical	Pass
5	11269.213	48.58	74.0	25.42	Peak	206.00	400	Vertical	Pass
5**	11269.213	39.55	54.0	14.45	AV	206.00	400	Vertical	Pass
6	16711.661	50.61	74.0	23.39	Peak	233.00	200	Vertical	Pass
6**	16711.661	42.28	54.0	11.72	AV	233.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1436.698	42.25	74.0	31.75	Peak	70.00	400	Horizontal	Pass
1**	1436.698	32.94	54.0	21.07	AV	70.00	400	Horizontal	Pass
2	1801.508	43.20	74.0	30.80	Peak	309.00	400	Horizontal	Pass
2**	1801.508	33.86	54.0	20.14	AV	309.00	400	Horizontal	Pass
3	4872.932	49.65	74.0	24.35	Peak	198.00	200	Horizontal	Pass
3**	4872.932	40.84	54.0	13.16	AV	198.00	200	Horizontal	Pass
4	7930.390	54.11	74.0	19.89	Peak	255.00	200	Horizontal	Pass
4**	7930.390	46.05	54.0	7.95	AV	255.00	200	Horizontal	Pass
5	12990.276	54.09	74.0	19.91	Peak	71.00	100	Horizontal	Pass
5**	12990.276	44.33	54.0	9.67	AV	71.00	100	Horizontal	Pass
6	16989.776	55.80	74.0	18.20	Peak	201.00	200	Horizontal	Pass
6**	16989.776	46.00	54.0	8.00	AV	201.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1349.218	42.62	74.0	31.38	Peak	65.00	400	Vertical	Pass
1**	1349.218	34.34	54.0	19.66	AV	65.00	400	Vertical	Pass
2	2900.010	52.44	74.0	21.56	Peak	300.00	400	Vertical	Pass
2**	2900.010	43.28	54.0	10.72	AV	300.00	400	Vertical	Pass
3	3965.500	45.96	74.0	28.05	Peak	190.00	200	Vertical	Pass
3**	3965.500	36.64	54.0	17.36	AV	190.00	200	Vertical	Pass
4	7547.543	53.03	74.0	20.97	Peak	132.00	400	Vertical	Pass
4**	7547.543	44.71	54.0	9.29	AV	132.00	400	Vertical	Pass
5	11271.284	49.10	74.0	24.90	Peak	137.00	100	Vertical	Pass
5**	11271.284	38.84	54.0	15.16	AV	137.00	100	Vertical	Pass
6	16712.311	50.96	74.0	23.04	Peak	14.00	200	Vertical	Pass
6**	16712.311	42.21	54.0	11.79	AV	14.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1429.708	42.33	74.0	31.67	Peak	207.00	200	Horizontal	Pass
1**	1429.708	32.94	54.0	21.06	AV	207.00	200	Horizontal	Pass
2	1798.730	43.22	74.0	30.79	Peak	64.00	400	Horizontal	Pass
2**	1798.730	33.88	54.0	20.12	AV	64.00	400	Horizontal	Pass
3	4873.857	49.69	74.0	24.31	Peak	96.00	200	Horizontal	Pass
3**	4873.857	40.82	54.0	13.18	AV	96.00	200	Horizontal	Pass
4	7932.004	54.08	74.0	19.92	Peak	13.00	200	Horizontal	Pass
4**	7932.004	46.03	54.0	7.97	AV	13.00	200	Horizontal	Pass
5	12994.396	54.02	74.0	19.98	Peak	232.00	100	Horizontal	Pass
5**	12994.396	44.38	54.0	9.62	AV	232.00	100	Horizontal	Pass
6	16990.234	55.88	74.0	18.12	Peak	64.00	200	Horizontal	Pass
6**	16990.234	45.99	54.0	8.01	AV	64.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1349.680	44.35	74.0	29.65	Peak	114.00	300	Vertical	Pass
1**	1349.680	34.45	54.0	19.55	AV	114.00	300	Vertical	Pass
2	2901.081	53.35	74.0	20.65	Peak	274.00	200	Vertical	Pass
2**	2901.081	43.01	54.0	11.00	AV	274.00	200	Vertical	Pass
3	3965.559	45.87	74.0	28.13	Peak	192.00	200	Vertical	Pass
3**	3965.559	37.35	54.0	16.65	AV	192.00	200	Vertical	Pass
4	7550.178	53.29	74.0	20.71	Peak	31.00	400	Vertical	Pass
4**	7550.178	44.84	54.0	9.16	AV	31.00	400	Vertical	Pass
5	11265.103	48.07	74.0	25.93	Peak	124.00	200	Vertical	Pass
5**	11265.103	39.28	54.0	14.72	AV	124.00	200	Vertical	Pass
6	16715.146	49.89	74.0	24.11	Peak	225.00	100	Vertical	Pass
6**	16715.146	42.22	54.0	11.78	AV	225.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1430.739	42.25	74.0	31.75	Peak	227.00	100	Horizontal	Pass
1**	1430.739	32.92	54.0	21.08	AV	227.00	100	Horizontal	Pass
2	1801.353	43.22	74.0	30.78	Peak	304.00	200	Horizontal	Pass
2**	1801.353	33.82	54.0	20.18	AV	304.00	200	Horizontal	Pass
3	4876.976	49.67	74.0	24.33	Peak	302.00	200	Horizontal	Pass
3**	4876.976	40.89	54.0	13.11	AV	302.00	200	Horizontal	Pass
4	7933.606	54.17	74.0	19.83	Peak	270.00	200	Horizontal	Pass
4**	7933.606	46.03	54.0	7.97	AV	270.00	200	Horizontal	Pass
5	12992.265	54.08	74.0	19.92	Peak	255.00	200	Horizontal	Pass
5**	12992.265	44.42	54.0	9.58	AV	255.00	200	Horizontal	Pass
6	16985.048	55.90	74.0	18.10	Peak	306.00	300	Horizontal	Pass
6**	16985.048	45.98	54.0	8.03	AV	306.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1351.053	44.15	74.0	29.85	Peak	96.00	400	Vertical	Pass
1**	1351.053	36.29	54.0	17.71	AV	96.00	400	Vertical	Pass
2	2900.762	54.10	74.0	19.90	Peak	134.00	200	Vertical	Pass
2**	2900.762	45.15	54.0	8.85	AV	134.00	200	Vertical	Pass
3	3968.337	46.56	74.0	27.44	Peak	141.00	200	Vertical	Pass
3**	3968.337	38.73	54.0	15.27	AV	141.00	200	Vertical	Pass
4	7542.556	53.97	74.0	20.03	Peak	174.00	300	Vertical	Pass
4**	7542.556	46.14	54.0	7.86	AV	174.00	300	Vertical	Pass
5	11271.500	49.81	74.0	24.19	Peak	285.00	400	Vertical	Pass
5**	11271.500	39.44	54.0	14.56	AV	285.00	400	Vertical	Pass
6	16709.509	51.36	74.0	22.64	Peak	290.00	400	Vertical	Pass
6**	16709.509	42.36	54.0	11.64	AV	290.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1431.732	41.52	74.0	32.48	Peak	328.00	300	Horizontal	Pass
1**	1431.732	32.08	54.0	21.92	AV	328.00	300	Horizontal	Pass
2	1800.044	42.47	74.0	31.54	Peak	190.00	100	Horizontal	Pass
2**	1800.044	33.07	54.0	20.93	AV	190.00	100	Horizontal	Pass
3	4877.028	48.92	74.0	25.08	Peak	47.00	200	Horizontal	Pass
3**	4877.028	39.35	54.0	14.65	AV	47.00	200	Horizontal	Pass
4	7929.120	53.12	74.0	20.88	Peak	309.00	100	Horizontal	Pass
4**	7929.120	45.32	54.0	8.68	AV	309.00	100	Horizontal	Pass
5	12991.213	53.54	74.0	20.46	Peak	356.00	300	Horizontal	Pass
5**	12991.213	43.09	54.0	10.91	AV	356.00	300	Horizontal	Pass
6	16985.250	54.87	74.0	19.13	Peak	328.00	200	Horizontal	Pass
6**	16985.250	45.29	54.0	8.72	AV	328.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1353.604	44.03	74.0	29.97	Peak	35.00	400	Vertical	Pass
1**	1353.604	34.83	54.0	19.17	AV	35.00	400	Vertical	Pass
2	2904.740	53.45	74.0	20.55	Peak	153.00	400	Vertical	Pass
2**	2904.740	43.83	54.0	10.17	AV	153.00	400	Vertical	Pass
3	3968.878	46.82	74.0	27.18	Peak	315.00	200	Vertical	Pass
3**	3968.878	37.19	54.0	16.81	AV	315.00	200	Vertical	Pass
4	7546.462	54.15	74.0	19.85	Peak	301.00	400	Vertical	Pass
4**	7546.462	46.02	54.0	7.98	AV	301.00	400	Vertical	Pass
5	11271.669	48.76	74.0	25.24	Peak	293.00	200	Vertical	Pass
5**	11271.669	39.57	54.0	14.43	AV	293.00	200	Vertical	Pass
6	16715.467	51.45	74.0	22.55	Peak	12.00	400	Vertical	Pass
6**	16715.467	42.16	54.0	11.84	AV	12.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1432.224	42.29	74.0	31.71	Peak	260.00	400	Horizontal	Pass
1**	1432.224	32.87	54.0	21.13	AV	260.00	400	Horizontal	Pass
2	1796.831	43.00	74.0	31.01	Peak	172.00	300	Horizontal	Pass
2**	1796.831	33.20	54.0	20.80	AV	172.00	300	Horizontal	Pass
3	4875.483	49.07	74.0	24.93	Peak	21.00	200	Horizontal	Pass
3**	4875.483	40.22	54.0	13.78	AV	21.00	200	Horizontal	Pass
4	7934.533	53.26	74.0	20.74	Peak	103.00	100	Horizontal	Pass
4**	7934.533	45.88	54.0	8.12	AV	103.00	100	Horizontal	Pass
5	12994.715	53.86	74.0	20.14	Peak	87.00	100	Horizontal	Pass
5**	12994.715	43.65	54.0	10.35	AV	87.00	100	Horizontal	Pass
6	16989.728	55.40	74.0	18.60	Peak	56.00	100	Horizontal	Pass
6**	16989.728	46.14	54.0	7.87	AV	56.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1354.258	44.38	74.0	29.62	Peak	0.00	100	Vertical	Pass
1**	1354.258	35.53	54.0	18.47	AV	0.00	100	Vertical	Pass
2	2898.874	54.58	74.0	19.42	Peak	136.00	400	Vertical	Pass
2**	2898.874	45.15	54.0	8.85	AV	136.00	400	Vertical	Pass
3	3968.263	46.97	74.0	27.03	Peak	145.00	200	Vertical	Pass
3**	3968.263	38.42	54.0	15.58	AV	145.00	200	Vertical	Pass
4	7543.167	54.28	74.0	19.72	Peak	147.00	400	Vertical	Pass
4**	7543.167	45.76	54.0	8.24	AV	147.00	400	Vertical	Pass
5	11271.613	49.46	74.0	24.54	Peak	254.00	300	Vertical	Pass
5**	11271.613	39.67	54.0	14.33	AV	254.00	300	Vertical	Pass
6	16712.153	51.82	74.0	22.18	Peak	309.00	200	Vertical	Pass
6**	16712.153	42.96	54.0	11.04	AV	309.00	200	Vertical	Pass

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

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

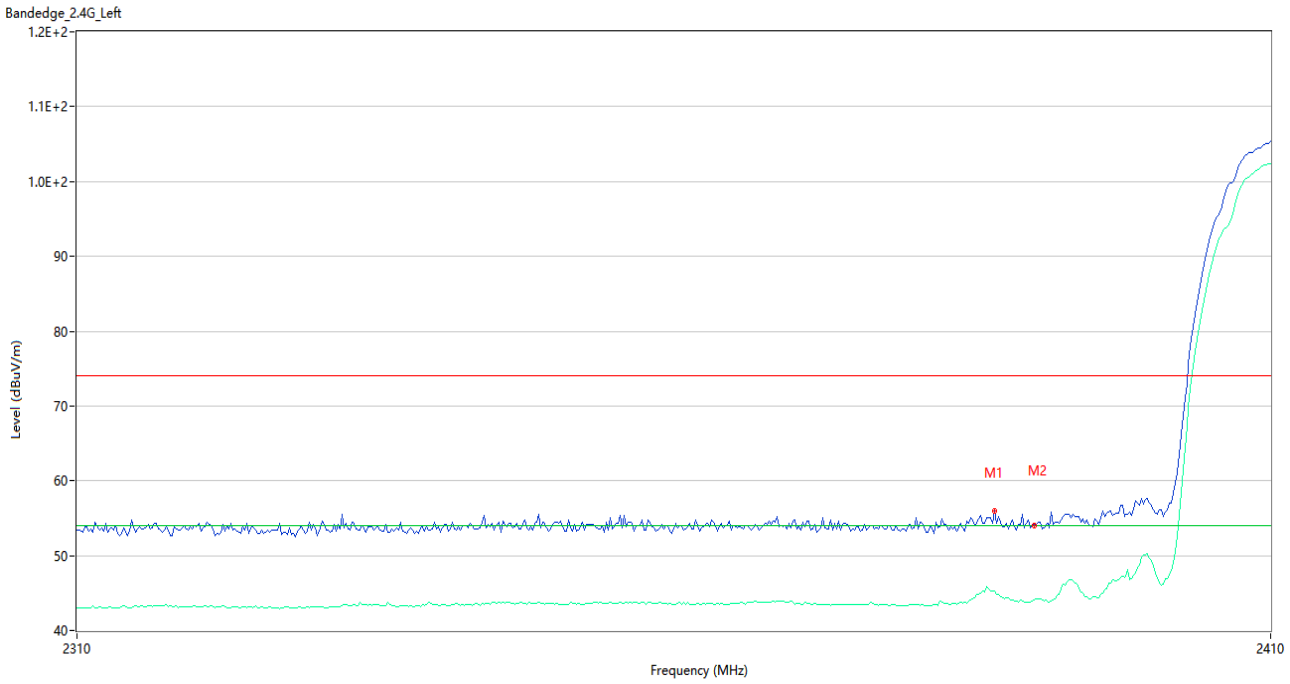
Note [2]: The test data all are tested in the vertical and horizontal antenna which the trace is max hold. So these plots have shown the worst case.

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

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

Test Data and Plots

802.11b LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2384.378	55.24	74.0	18.76	Peak	34.00	100	Vertical	Pass
1**	2384.378	45.13	54.0	8.87	AV	34.00	100	Vertical	Pass
2	2390.000	53.37	74.0	20.63	Peak	1.00	300	Vertical	Pass
2**	2390.000	43.66	54.0	10.34	AV	1.00	300	Vertical	Pass

802.11b HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	53.98	74.0	20.02	Peak	100.00	300	Vertical	Pass
1**	2483.500	43.75	54.0	10.25	AV	100.00	300	Vertical	Pass
2	2494.150	54.76	74.0	19.24	Peak	171.00	100	Vertical	Pass
2**	2494.150	43.01	54.0	10.99	AV	171.00	100	Vertical	Pass

802.11g LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2388.826	55.62	74.0	18.38	Peak	144.00	100	Vertical	Pass
1**	2388.826	44.37	54.0	9.63	AV	144.00	100	Vertical	Pass
2	2390.000	54.76	74.0	19.24	Peak	275.00	200	Vertical	Pass
2**	2390.000	44.56	54.0	9.44	AV	275.00	200	Vertical	Pass

802.11g HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	55.11	74.0	18.89	Peak	258.00	100	Vertical	Pass
1**	2483.500	44.19	54.0	9.81	AV	258.00	100	Vertical	Pass
2	2484.448	56.34	74.0	17.66	Peak	77.00	100	Vertical	Pass
2**	2484.448	44.37	54.0	9.63	AV	77.00	100	Vertical	Pass

802.11n20 LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2388.009	56.86	74.0	17.14	Peak	248.00	200	Vertical	Pass
1**	2388.009	44.50	54.0	9.50	AV	248.00	200	Vertical	Pass
2	2390.000	56.22	74.0	17.78	Peak	351.00	200	Vertical	Pass
2**	2390.000	44.11	54.0	9.89	AV	351.00	200	Vertical	Pass

802.11n20 HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	59.14	74.0	14.86	Peak	3.00	200	Vertical	Pass
1**	2483.500	43.53	54.0	10.47	AV	3.00	200	Vertical	Pass
2	2483.836	59.06	74.0	14.94	Peak	48.00	200	Vertical	Pass
2**	2483.836	43.77	54.0	10.23	AV	48.00	200	Vertical	Pass

802.11n40 LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2378.947	55.56	74.0	18.44	Peak	93.00	100	Vertical	Pass
1**	2378.947	43.00	54.0	11.00	AV	93.00	100	Vertical	Pass
2	2390.000	53.57	74.0	20.43	Peak	152.00	100	Vertical	Pass
2**	2390.000	43.88	54.0	10.12	AV	152.00	100	Vertical	Pass

802.11n40 HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	60.67	74.0	13.33	Peak	123.00	100	Vertical	Pass
1**	2483.500	43.62	54.0	10.38	AV	123.00	100	Vertical	Pass
2	2484.902	60.98	74.0	13.02	Peak	181.00	200	Vertical	Pass
2**	2484.902	43.64	54.0	10.36	AV	181.00	200	Vertical	Pass

A.8 Power Spectral Density (PSD)

Test Data

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-6.85	8
Middle	-7.37	8
High	-6.84	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-8.52	8
Middle	-7.46	8
High	-8.75	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-9.01	8
Middle	-9.50	8
High	-8.51	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-10.21	8
Middle	-12.27	8
High	-11.92	8

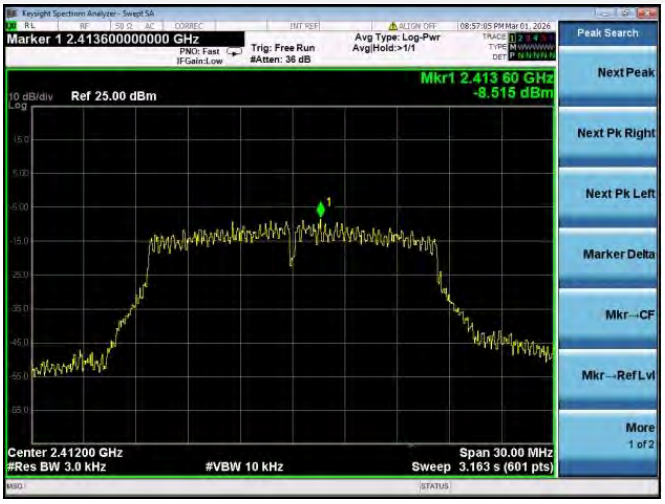
Test Plots

802.11b LOW CHANNEL

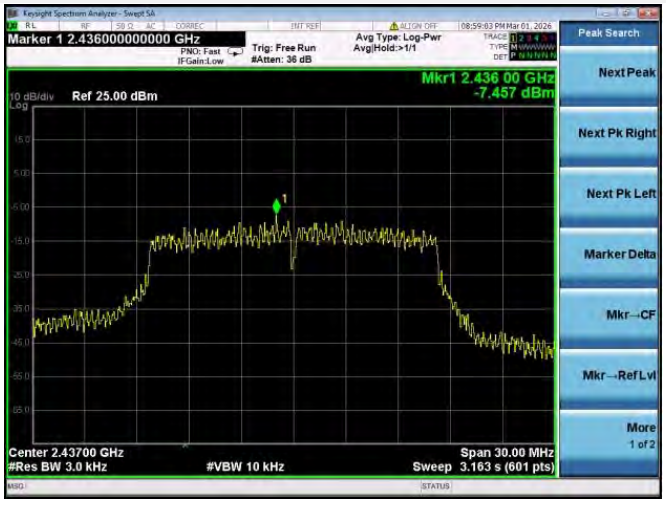
802.11b MIDDLE CHANNEL

802.11b HIGH CHANNEL

802.11g LOW CHANNEL



802.11g MIDDLE CHANNEL

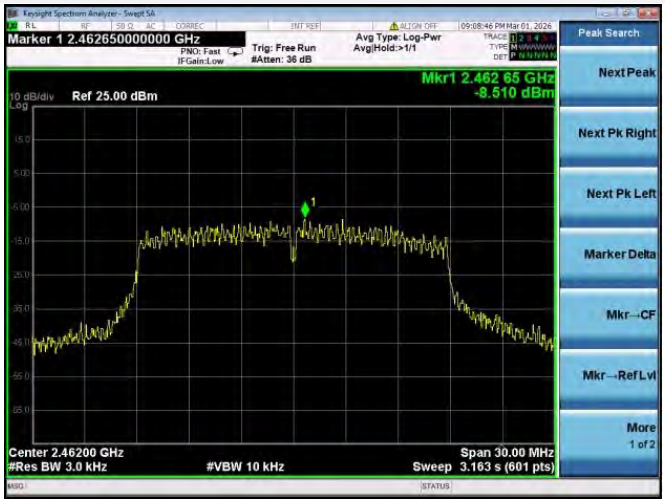


802.11g HIGH CHANNEL

802.11n-20 MHz LOW CHANNEL

802.11n-20 MHz MIDDLE CHANNEL

802.11n-20 MHz HIGH CHANNEL



802.11n-40 MHz LOW CHANNEL

802.11n-40 MHz MIDDLE CHANNEL

802.11n-40 MHz HIGH CHANNEL

ANNEX B TEST SETUP PHOTOS

Please refer the document “Ti-EE26020131-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “Ti-EE26020131-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “Ti-EE26020131-AI.PDF”.

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--END OF REPORT--