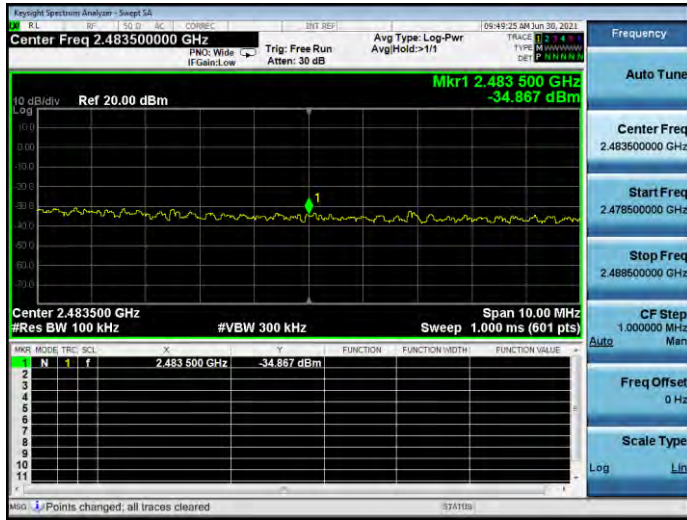
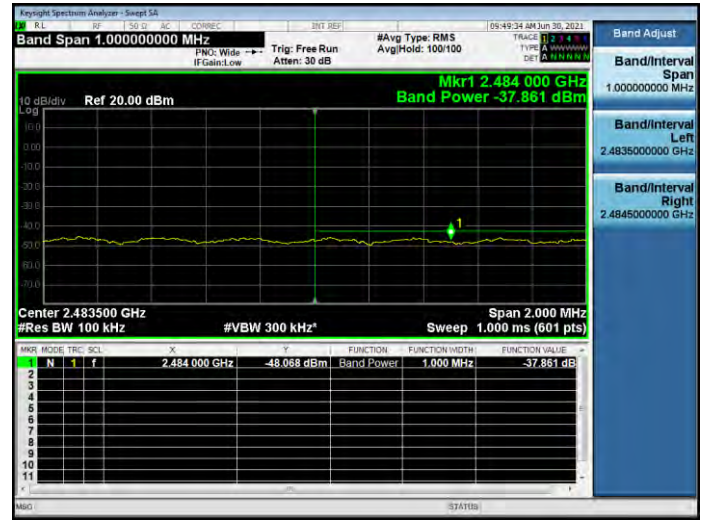


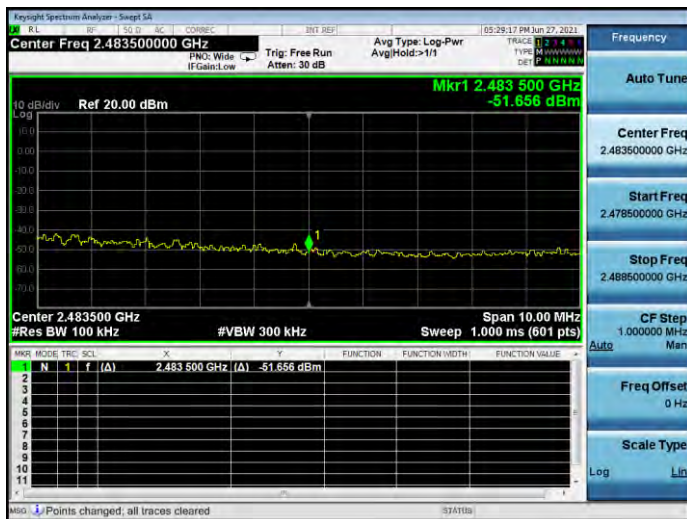
802.11g CHANNEL 10, Carrier level



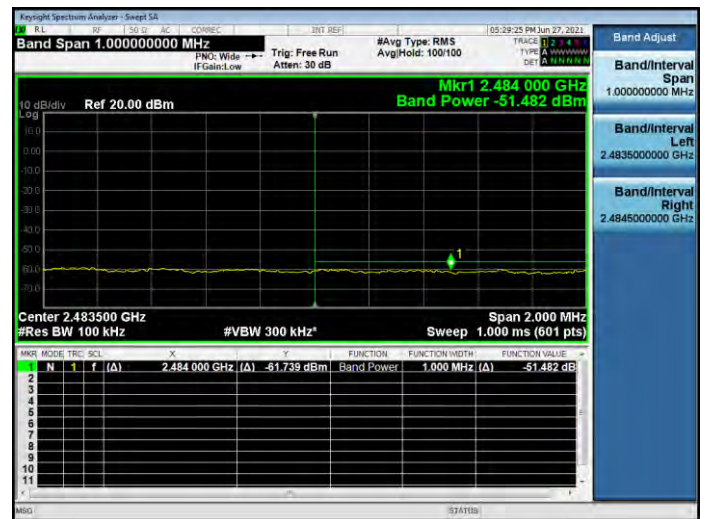
802.11g CHANNEL 10, Reference level



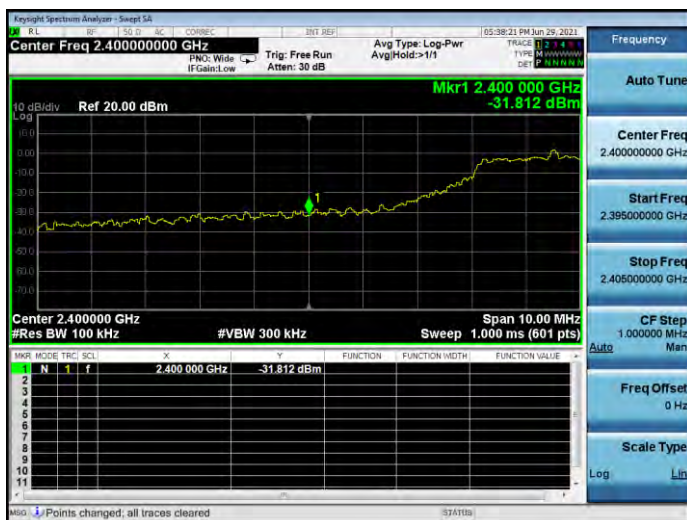
802.11g CHANNEL 11, Carrier level



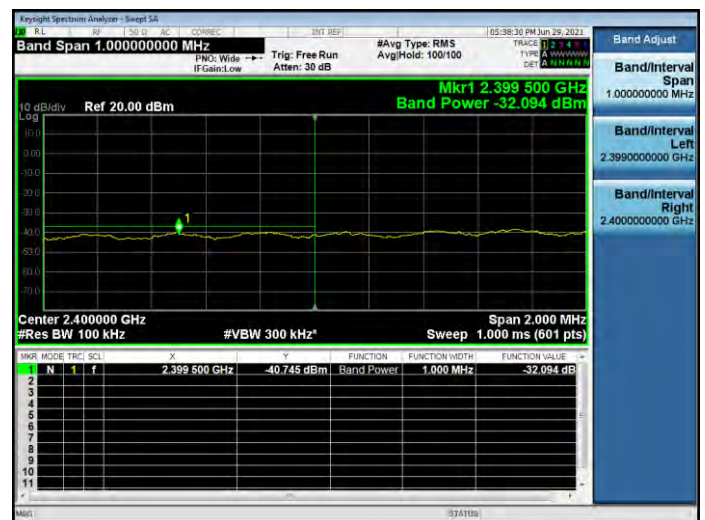
802.11g CHANNEL 11, Reference level



802.11n-20 MHz CHANNEL 1, Carrier level

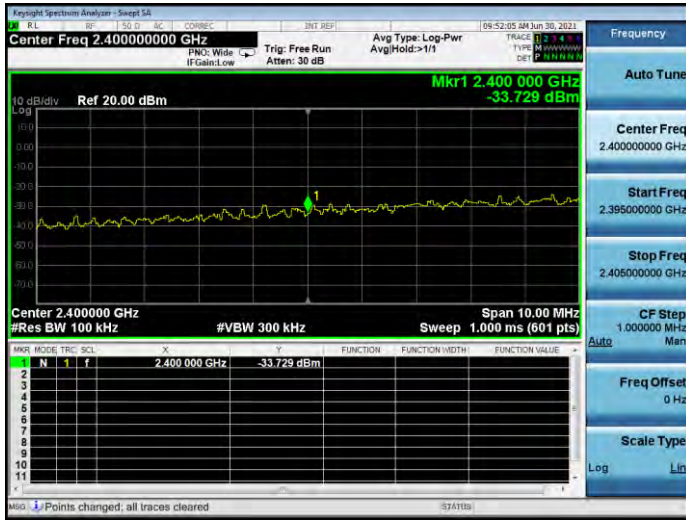


802.11n-20 MHz CHANNEL 1, Reference level

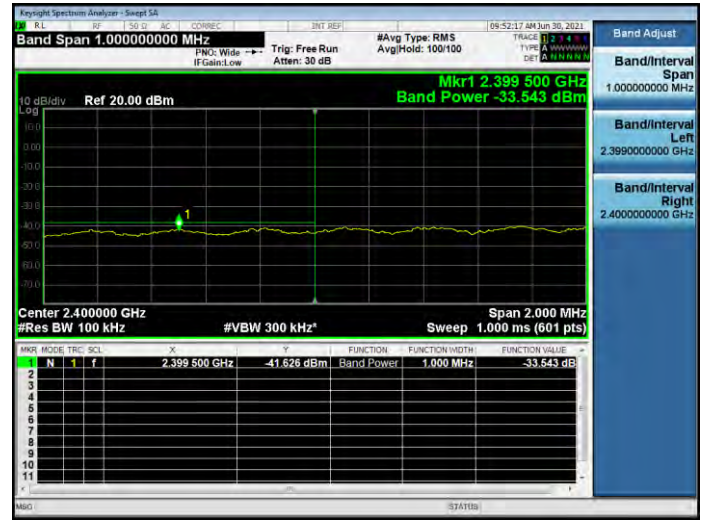




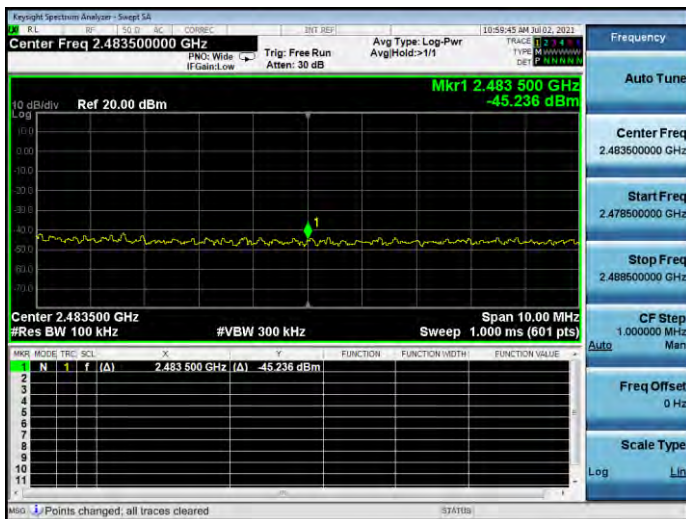
802.11n-20 MHz CHANNEL 2, Carrier level



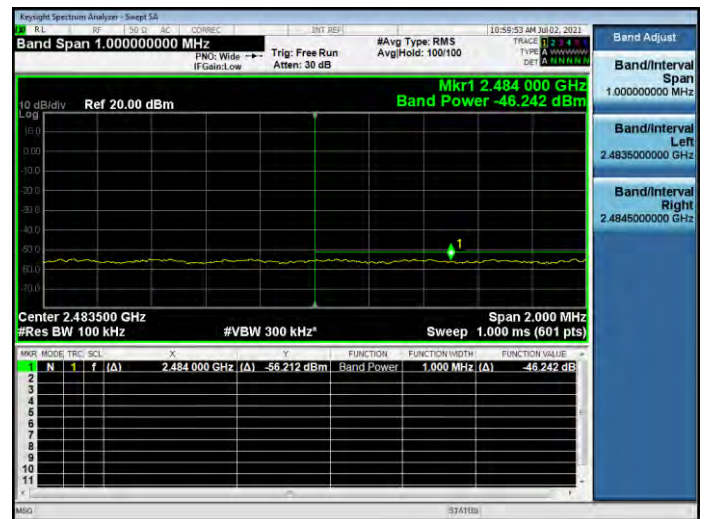
802.11n-20 MHz CHANNEL 2, Reference level



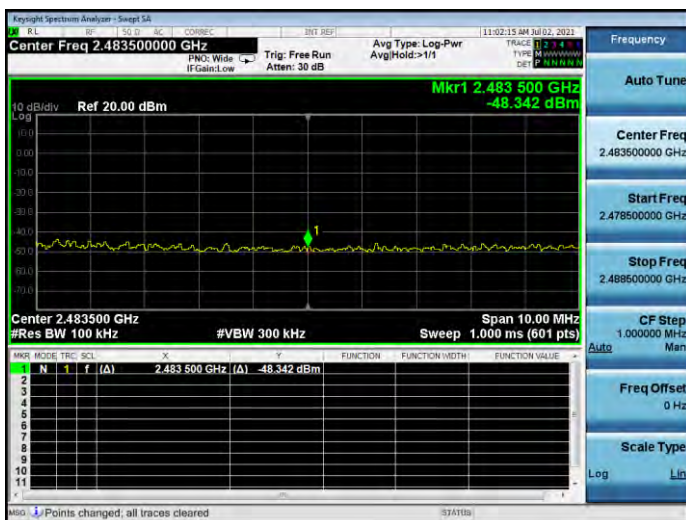
802.11n-20 MHz CHANNEL 8, Carrier level



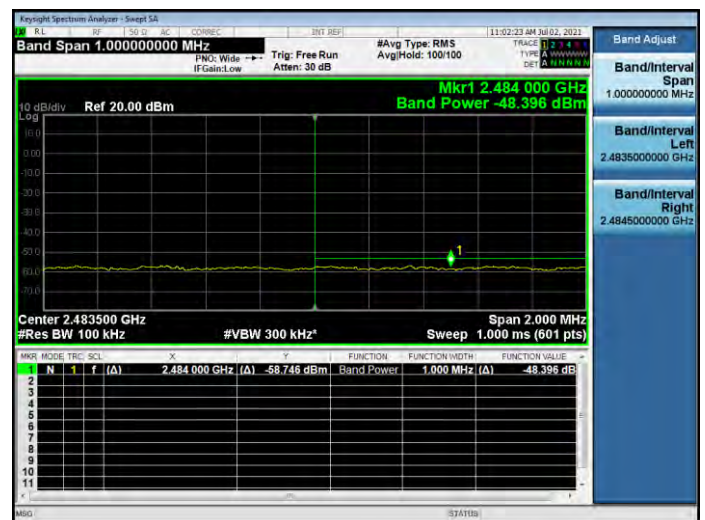
802.11n-20 MHz CHANNEL 8, Reference level



802.11n-20 MHz CHANNEL 9, Carrier level

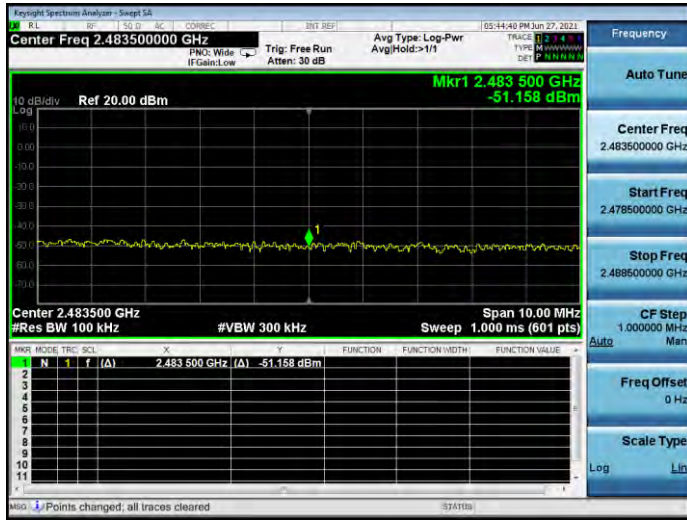


802.11n-20 MHz CHANNEL 9, Reference level

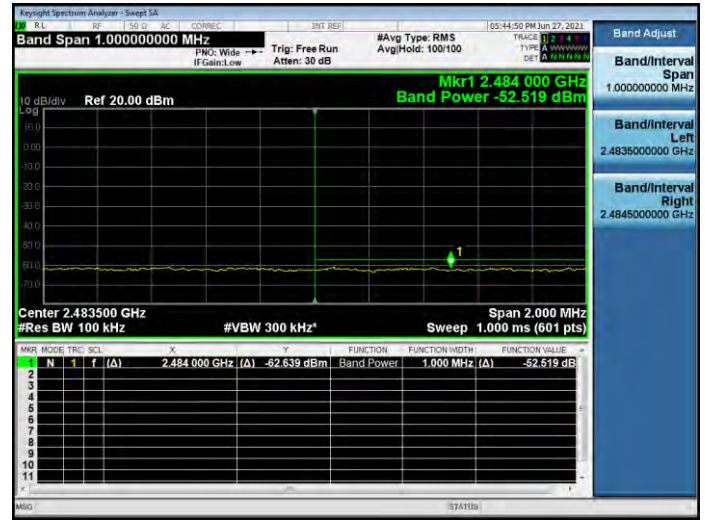




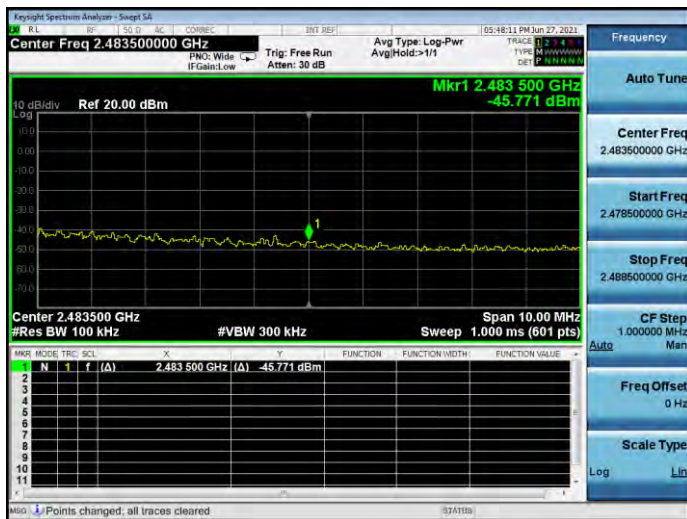
802.11n-20 MHz CHANNEL 10, Carrier level



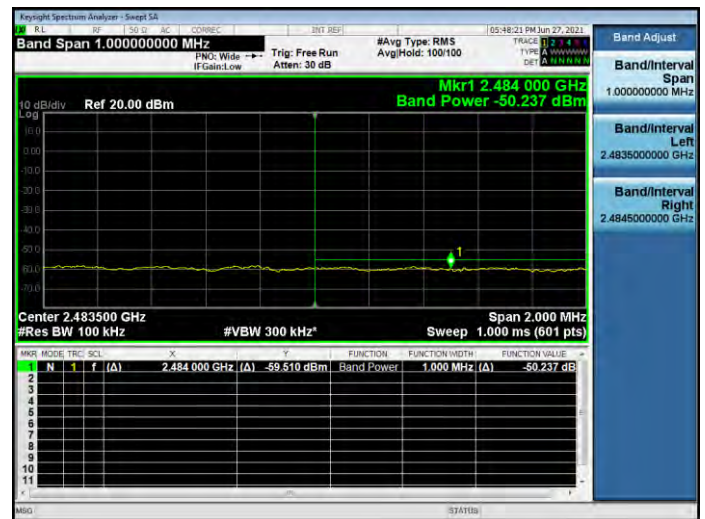
802.11n-20 MHz CHANNEL 10, Reference level



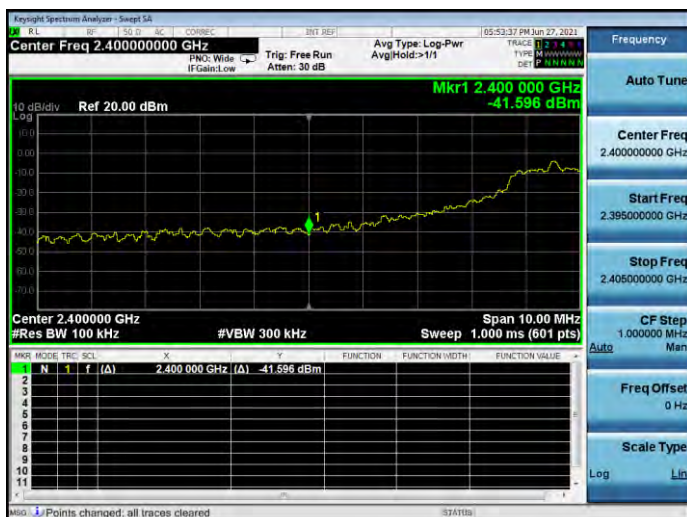
802.11n-20 MHz CHANNEL 11, Carrier level



802.11n-20 MHz CHANNEL 11, Reference level



802.11n-40 MHz CHANNEL 3, Carrier level

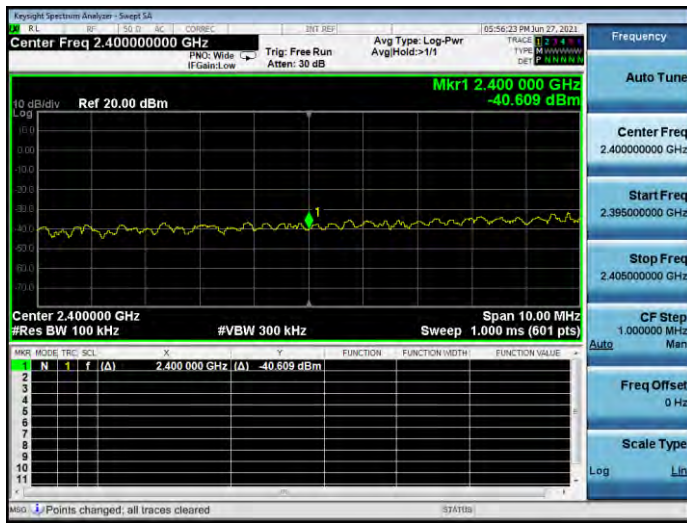


802.11n-40 MHz CHANNEL 3, Reference level

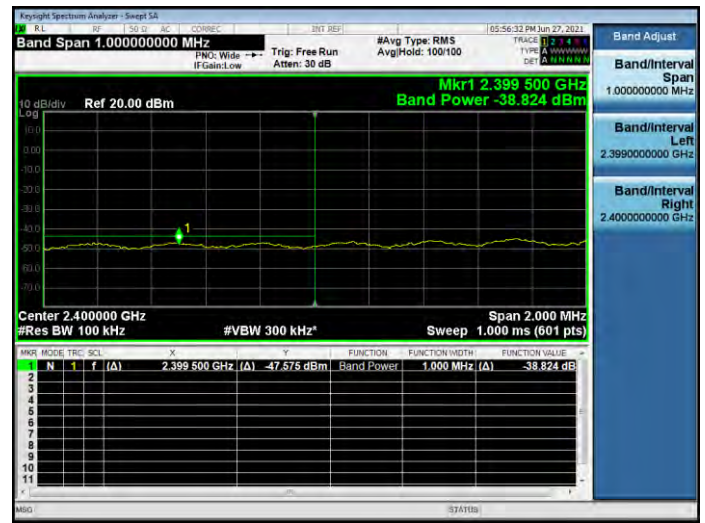




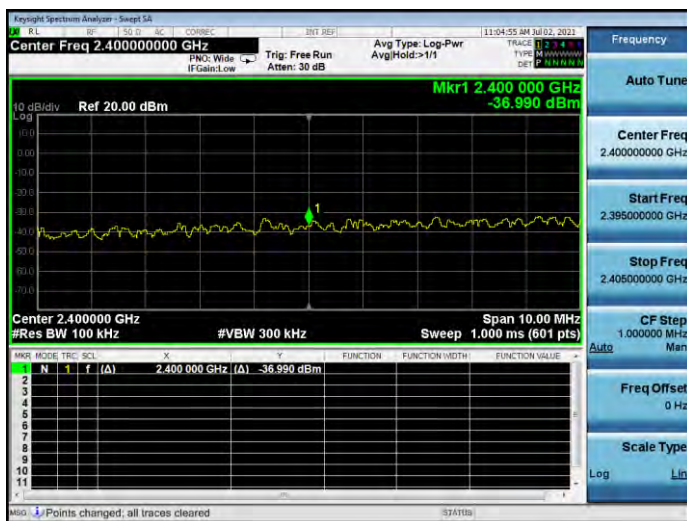
802.11n-40 MHz CHANNEL 4, Carrier level



802.11n-40 MHz CHANNEL 4, Reference level



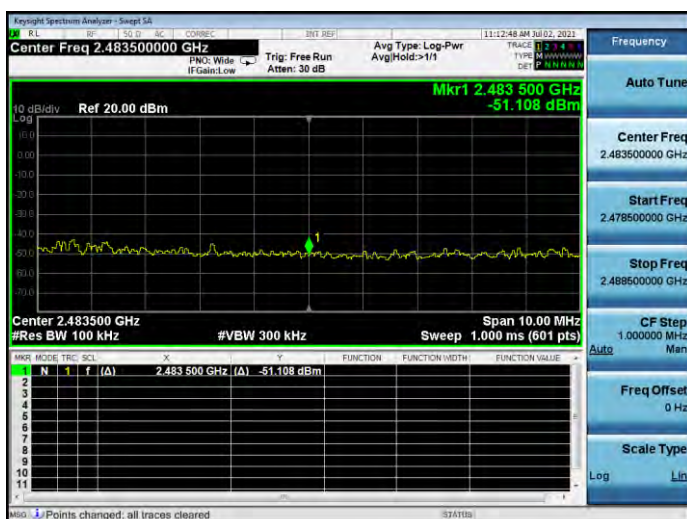
802.11n-40 MHz CHANNEL 5, Carrier level



802.11n-40 MHz CHANNEL 5, Reference level



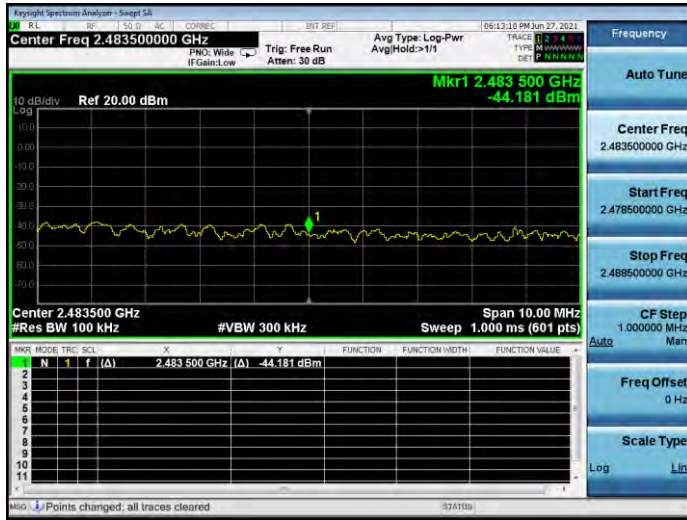
802.11n-40 MHz CHANNEL 7, Carrier level



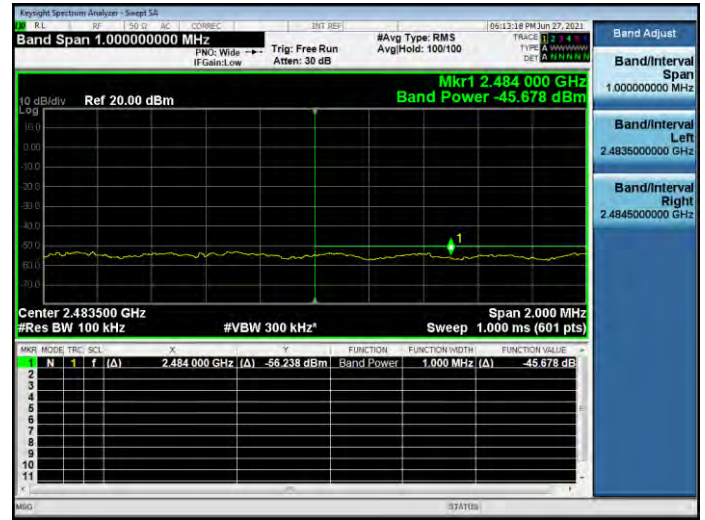
802.11n-40 MHz CHANNEL 7, Reference level



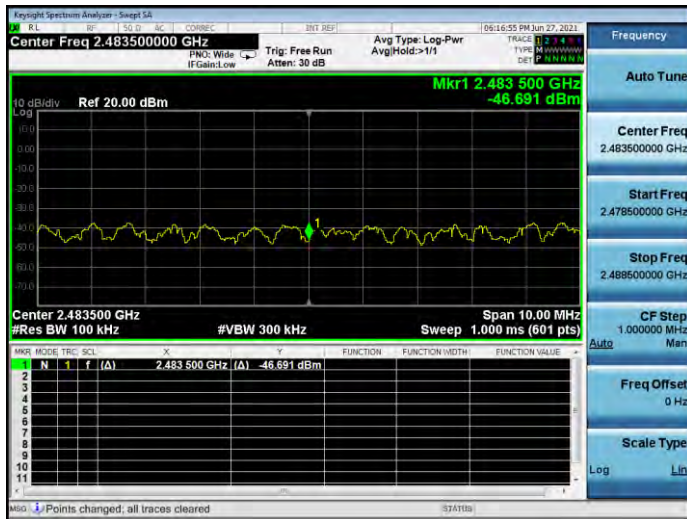
802.11n-40 MHz CHANNEL 8, Carrier level



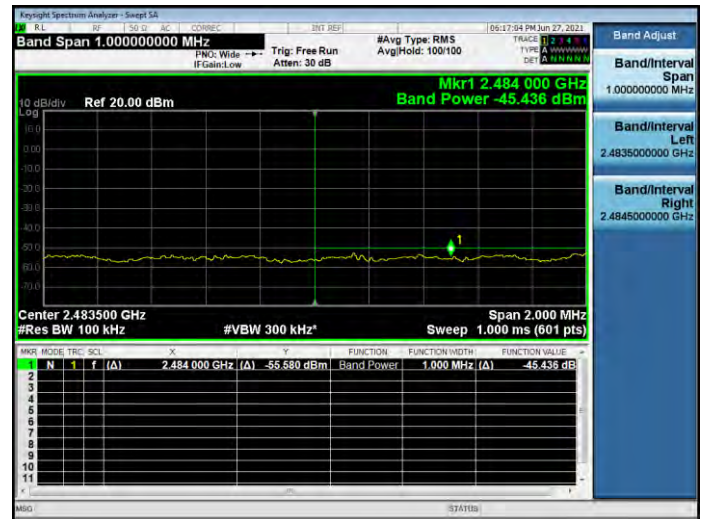
802.11n-40 MHz CHANNEL 8, Reference level



802.11n-40 MHz CHANNEL 9, Carrier level



802.11n-40 MHz CHANNEL 9, Reference level

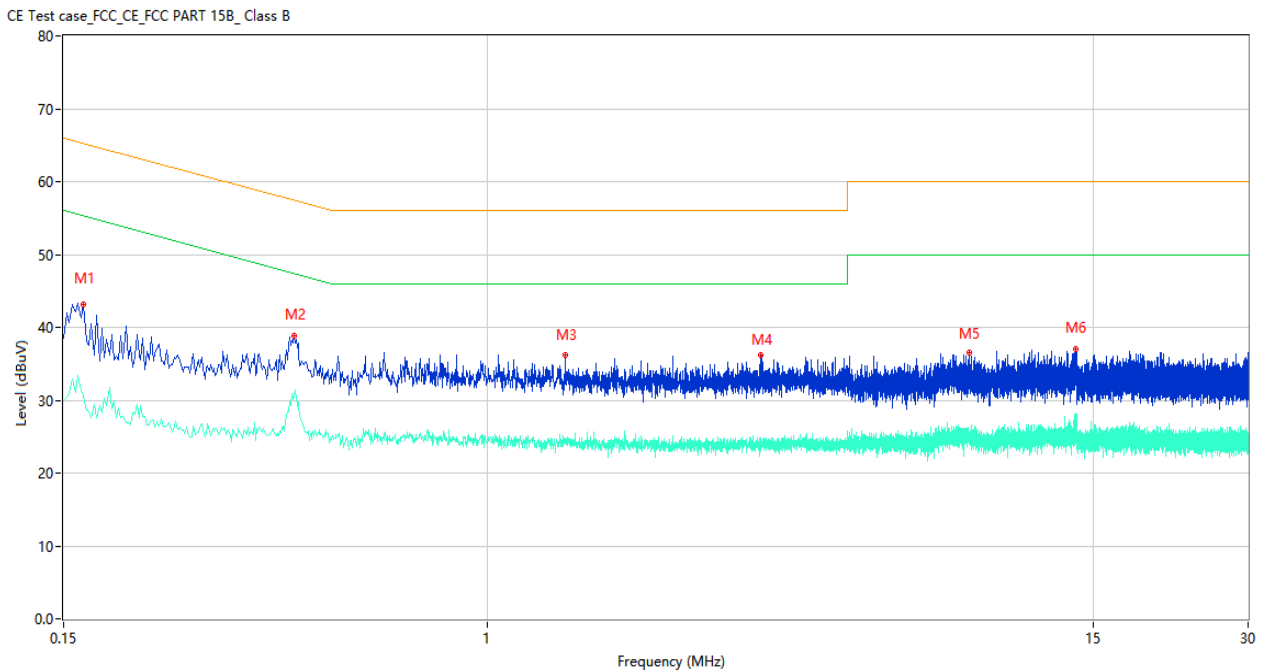


## A.5 Conducted Emissions

Note<sup>1</sup>: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.  
 Note<sup>2</sup>: 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

#### PHASE L

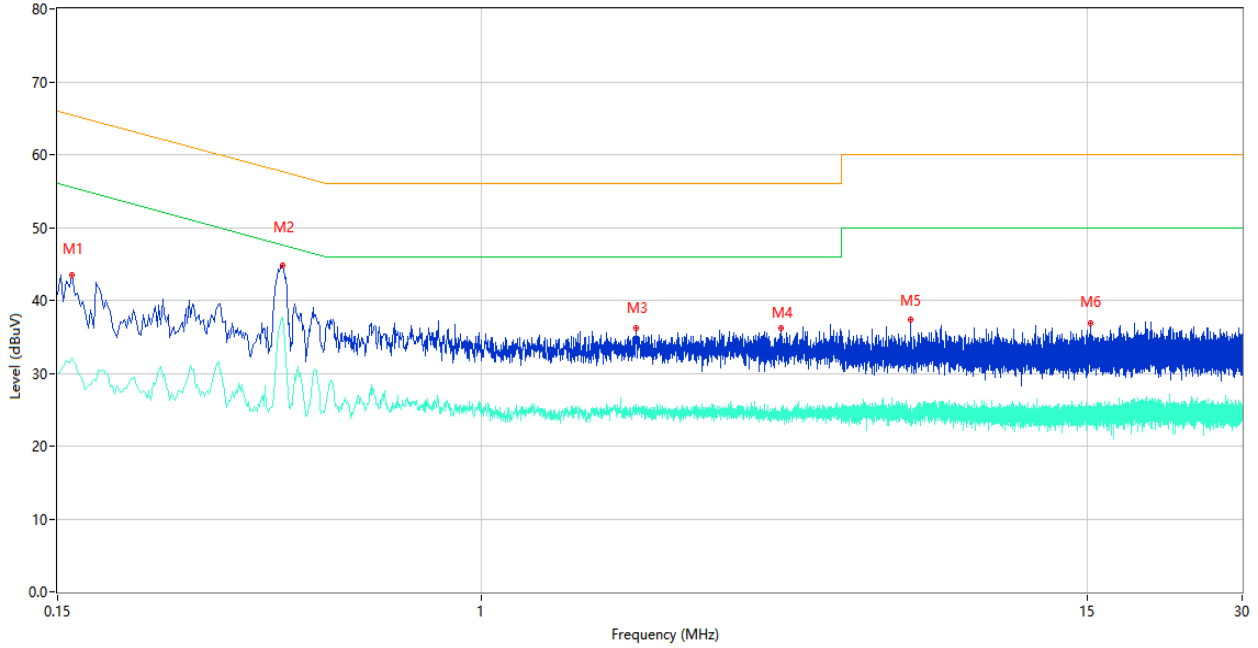


No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.164	43.09	10.40	65.26	-22.17	Peak	L	Pass
1**	0.164	30.64	10.40	55.26	-24.62	AV	L	Pass
2	0.420	38.92	10.31	57.45	-18.53	Peak	L	Pass
2**	0.420	30.35	10.31	47.45	-17.10	AV	L	Pass
3	1.416	36.12	10.25	56.00	-19.88	Peak	L	Pass
3**	1.416	24.77	10.25	46.00	-21.23	AV	L	Pass
4	3.384	36.17	10.27	56.00	-19.83	Peak	L	Pass
4**	3.384	23.65	10.27	46.00	-22.35	AV	L	Pass
5	8.616	36.48	10.36	60.00	-23.52	Peak	L	Pass
5**	8.616	25.62	10.36	50.00	-24.38	AV	L	Pass
6	13.910	37.07	10.40	60.00	-22.93	Peak	L	Pass
6**	13.910	26.65	10.40	50.00	-23.35	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	0.160	43.52	10.40	65.46	-21.94	Peak	N	Pass
1**	0.160	32.01	10.40	55.46	-23.45	AV	N	Pass
2	0.410	44.78	10.31	57.65	-12.87	Peak	N	Pass
2**	0.410	37.75	10.31	47.65	-9.90	AV	N	Pass
3	1.992	36.22	10.27	56.00	-19.78	Peak	N	Pass
3**	1.992	25.73	10.27	46.00	-20.27	AV	N	Pass
4	3.814	36.13	10.29	56.00	-19.87	Peak	N	Pass
4**	3.814	24.54	10.29	46.00	-21.46	AV	N	Pass
5	6.802	37.32	10.33	60.00	-22.68	Peak	N	Pass
5**	6.802	24.63	10.33	50.00	-25.37	AV	N	Pass
6	15.250	36.82	10.42	60.00	-23.18	Peak	N	Pass
6**	15.250	23.89	10.42	50.00	-26.11	AV	N	Pass

## A.6 Radiated Emission

Note<sup>1</sup>: The symbol of “--” in the table which means not application.

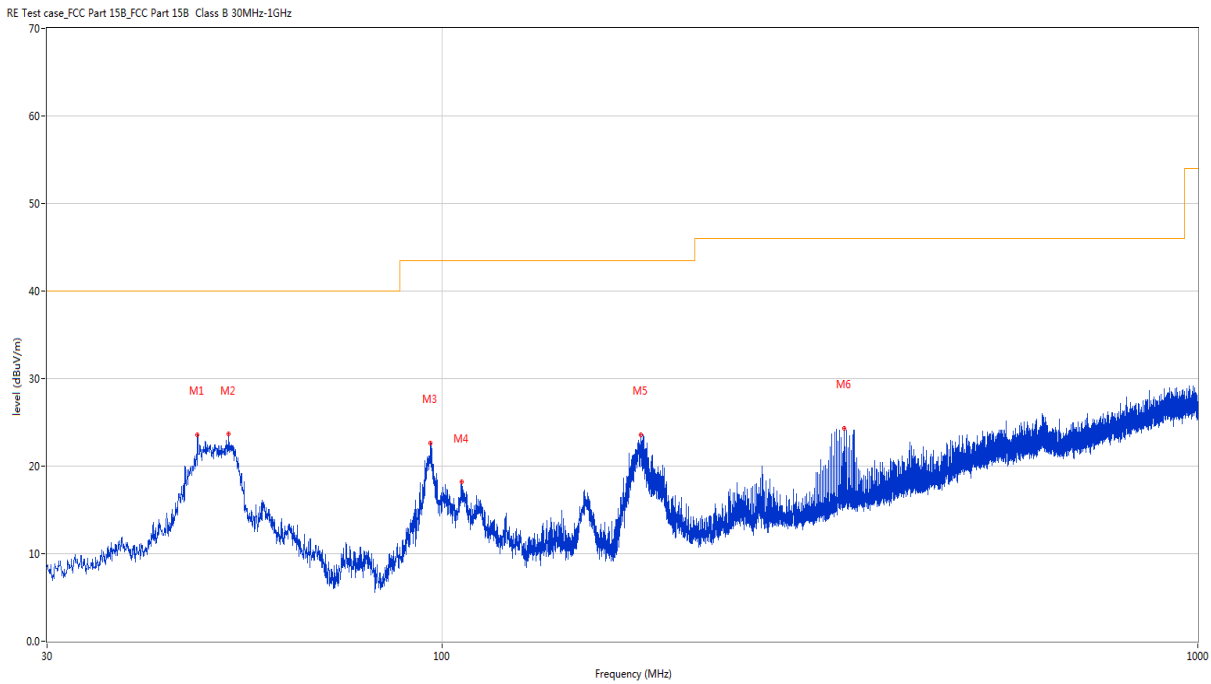
Note<sup>2</sup>: For the test data above 1 GHz, According the ANSI C63.10-2013, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

Note<sup>3</sup>: 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<sup>4</sup>: 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

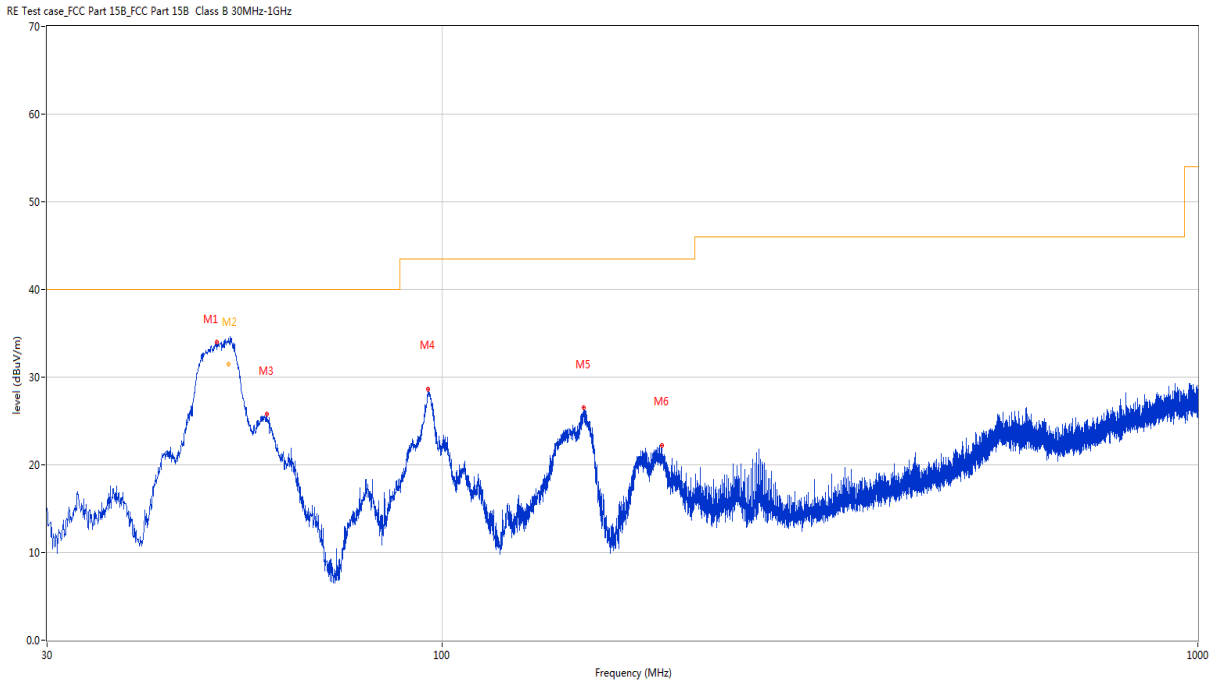
#### 30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	47.460	23.63	-22.77	40.0	-16.37	Peak	140.40	200	Horizontal	Pass
2	52.213	23.64	-23.13	40.0	-16.36	Peak	322.40	100	Horizontal	Pass
3	96.542	22.66	-24.79	43.5	-20.84	Peak	261.40	200	Horizontal	Pass
4	105.999	18.20	-24.17	43.5	-25.30	Peak	255.40	200	Horizontal	Pass
5	183.308	23.60	-25.28	43.5	-19.90	Peak	83.30	100	Horizontal	Pass
6	340.109	24.36	-20.16	46.0	-21.64	Peak	83.30	100	Horizontal	Pass



30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	50.322	33.98	-22.92	40.0	-6.02	Peak	215.50	100	Vertical	Pass
2	52.209	33.87	-23.10	40.0	-6.13	Peak	215.50	100	Vertical	N/A
2*	52.209	31.49	-23.10	40.0	-8.51	QP	215.50	100	Vertical	Pass
3	58.566	25.74	-24.06	40.0	-14.26	Peak	203.10	100	Vertical	Pass
4	95.863	28.68	-24.74	43.5	-14.82	Peak	360.00	100	Vertical	Pass
5	153.917	26.52	-27.46	43.5	-16.98	Peak	266.90	100	Vertical	Pass
6	195.191	22.21	-24.49	43.5	-21.29	Peak	180.80	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 CHANNEL 1

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1189.900	37.61	-15.08	74.0	-36.39	Peak	360.00	150	Horizontal	Pass
1**	1189.900	26.05	-15.08	54.0	-27.95	AV	360.00	150	Horizontal	Pass
2	2411.100	99.29	-10.37	74.0	25.29	Peak	242.00	150	Horizontal	N/A
2**	2411.100	97.58	-10.37	54.0	43.58	AV	242.00	150	Horizontal	N/A
3	4824.000	50.71	-1.45	74.0	-23.29	Peak	193.00	150	Horizontal	Pass
3**	4824.000	47.05	-1.45	54.0	-6.95	AV	193.00	150	Horizontal	Pass
4	6990.000	52.44	4.56	74.0	-21.56	Peak	349.00	150	Horizontal	Pass
4**	6990.000	43.41	4.56	54.0	-10.59	AV	349.00	150	Horizontal	Pass
5	12347.787	50.41	19.73	74.0	-23.59	Peak	225.00	150	Horizontal	Pass
5**	12347.787	38.30	19.73	54.0	-15.70	AV	225.00	150	Horizontal	Pass
6	17287.051	57.16	24.53	74.0	-16.84	Peak	76.00	150	Horizontal	Pass
6**	17287.051	44.63	24.53	54.0	-9.37	AV	76.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11b CHANNEL 1

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.400	37.66	-14.59	74.0	-36.34	Peak	26.00	150	Vertical	Pass
1**	1329.400	25.38	-14.59	54.0	-28.62	AV	26.00	150	Vertical	Pass
2	2411.100	86.61	-10.37	74.0	12.61	Peak	360.00	150	Vertical	N/A
2**	2411.100	84.68	-10.37	54.0	30.68	AV	360.00	150	Vertical	N/A
3	4803.800	48.23	-1.21	74.0	-25.77	Peak	79.00	150	Vertical	Pass
3**	4803.800	40.19	-1.21	54.0	-13.81	AV	79.00	150	Vertical	Pass
4	6974.800	52.30	5.18	74.0	-21.70	Peak	135.00	150	Vertical	Pass
4**	6974.800	43.64	5.18	54.0	-10.36	AV	135.00	150	Vertical	Pass
5	11769.912	49.95	18.78	74.0	-24.05	Peak	196.00	150	Vertical	Pass
5**	11769.912	38.97	18.78	54.0	-15.03	AV	196.00	150	Vertical	Pass
6	17739.600	57.44	23.95	74.0	-16.56	Peak	253.00	150	Vertical	Pass
6**	17739.600	45.48	23.95	54.0	-8.52	AV	253.00	150	Vertical	Pass



## 1 GHz to 18 GHz, ANT H 802.11b CHANNEL 2

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1406.500	36.52	-17.51	74.0	-37.48	Peak	83.00	150	Horizontal	Pass
1**	1406.500	26.80	-17.51	54.0	-27.20	AV	83.00	150	Horizontal	Pass
2	2419.800	97.13	-12.34	74.0	23.13	Peak	292.00	150	Horizontal	N/A
2**	2419.800	93.81	-12.34	54.0	39.81	AV	292.00	150	Horizontal	N/A
3	4834.200	49.70	-3.48	74.0	-24.30	Peak	126.00	150	Horizontal	Pass
3**	4834.200	46.33	-3.48	54.0	-7.67	AV	126.00	150	Horizontal	Pass
4	6692.000	52.42	-0.31	74.0	-21.58	Peak	34.00	150	Horizontal	Pass
4**	6692.000	43.66	-0.31	54.0	-10.34	AV	34.00	150	Horizontal	Pass
5	10455.175	49.68	-0.73	74.0	-24.32	Peak	146.00	150	Horizontal	Pass
5**	10455.175	40.02	-0.73	54.0	-13.98	AV	146.00	150	Horizontal	Pass
6	17420.401	54.70	3.75	74.0	-19.30	Peak	-3.00	150	Horizontal	Pass
6**	17420.401	46.14	3.75	54.0	-7.86	AV	-3.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11b CHANNEL 2

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1618.600	37.25	-17.62	74.0	-36.75	Peak	69.00	150	Vertical	Pass
1**	1618.600	27.85	-17.62	54.0	-26.15	AV	69.00	150	Vertical	Pass
2	2417.900	91.30	-12.25	74.0	17.30	Peak	118.00	150	Vertical	N/A
2**	2417.900	89.01	-12.25	54.0	35.01	AV	118.00	150	Vertical	N/A
3	4834.400	47.91	-3.47	74.0	-26.09	Peak	57.00	150	Vertical	Pass
3**	4834.400	43.28	-3.47	54.0	-10.72	AV	57.00	150	Vertical	Pass
4	6695.200	51.93	-0.44	74.0	-22.07	Peak	0.00	150	Vertical	Pass
4**	6695.200	43.40	-0.44	54.0	-10.60	AV	0.00	150	Vertical	Pass
5	11079.050	50.22	-1.34	74.0	-23.78	Peak	67.00	150	Vertical	Pass
5**	11079.050	41.00	-1.34	54.0	-13.00	AV	67.00	150	Vertical	Pass
6	17140.838	54.75	2.18	74.0	-19.25	Peak	-1.00	150	Vertical	Pass
6**	17140.838	45.25	2.18	54.0	-8.75	AV	-1.00	150	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11b CHANNEL 6

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1415.600	37.17	-15.03	74.0	-36.83	Peak	206.00	150	Horizontal	Pass
1**	1415.600	25.39	-15.03	54.0	-28.61	AV	206.00	150	Horizontal	Pass
2	2436.100	101.48	-10.62	74.0	27.48	Peak	259.00	150	Horizontal	N/A
2**	2436.100	100.34	-10.62	54.0	46.34	AV	259.00	150	Horizontal	N/A
3	5136.800	49.29	-0.54	74.0	-24.71	Peak	212.00	150	Horizontal	Pass
3**	5136.800	40.53	-0.54	54.0	-13.47	AV	212.00	150	Horizontal	Pass
4	6994.000	52.29	4.06	74.0	-21.71	Peak	212.00	150	Horizontal	Pass
4**	6994.000	42.54	4.06	54.0	-11.46	AV	212.00	150	Horizontal	Pass
5	10623.362	50.57	18.43	74.0	-23.43	Peak	2.00	150	Horizontal	Pass
5**	10623.362	37.24	18.43	54.0	-16.76	AV	2.00	150	Horizontal	Pass
6	17499.677	56.70	23.94	74.0	-17.30	Peak	-2.00	150	Horizontal	Pass
6**	17499.677	46.96	23.94	54.0	-7.04	AV	-2.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11b CHANNEL 6

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1417.300	37.44	-14.95	74.0	-36.56	Peak	27.00	150	Vertical	Pass
1**	1417.300	25.18	-14.95	54.0	-28.82	AV	27.00	150	Vertical	Pass
2	2436.100	87.74	-10.62	74.0	13.74	Peak	156.00	150	Vertical	N/A
2**	2436.100	85.89	-10.62	54.0	31.89	AV	156.00	150	Vertical	N/A
3	4900.600	49.40	-0.92	74.0	-24.60	Peak	0.00	150	Vertical	Pass
3**	4900.600	39.69	-0.92	54.0	-14.31	AV	0.00	150	Vertical	Pass
4	6971.600	52.35	5.08	74.0	-21.65	Peak	323.00	150	Vertical	Pass
4**	6971.600	43.54	5.08	54.0	-10.46	AV	323.00	150	Vertical	Pass
5	12394.651	49.97	19.25	74.0	-24.03	Peak	95.00	150	Vertical	Pass
5**	12394.651	39.01	19.25	54.0	-14.99	AV	95.00	150	Vertical	Pass
6	17699.437	57.21	24.44	74.0	-16.79	Peak	132.00	150	Vertical	Pass
6**	17699.437	45.42	24.44	54.0	-8.58	AV	132.00	150	Vertical	Pass



## 1 GHz to 18 GHz, ANT H 802.11b CHANNEL 10

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1353.700	36.46	-17.36	74.0	-37.54	Peak	100.00	150	Horizontal	Pass
1**	1353.700	27.72	-17.36	54.0	-26.28	AV	100.00	150	Horizontal	Pass
2	2459.800	96.91	-12.75	74.0	22.91	Peak	205.00	150	Horizontal	N/A
2**	2459.800	93.65	-12.75	54.0	39.65	AV	205.00	150	Horizontal	N/A
3	4914.200	49.45	-2.29	74.0	-24.55	Peak	157.00	150	Horizontal	Pass
3**	4914.200	45.95	-2.29	54.0	-8.05	AV	157.00	150	Horizontal	Pass
4	6604.400	52.48	0.00	74.0	-21.52	Peak	119.00	150	Horizontal	Pass
4**	6604.400	43.21	0.00	54.0	-10.79	AV	119.00	150	Horizontal	Pass
5	11053.463	49.35	-0.70	74.0	-24.65	Peak	233.00	150	Horizontal	Pass
5**	11053.463	41.62	-0.70	54.0	-12.38	AV	233.00	150	Horizontal	Pass
6	17175.224	54.33	2.51	74.0	-19.67	Peak	360.00	150	Horizontal	Pass
6**	17175.224	44.28	2.51	54.0	-9.72	AV	360.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11b CHANNEL 10

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1583.200	37.42	-17.55	74.0	-36.58	Peak	105.00	150	Vertical	Pass
1**	1583.200	27.08	-17.55	54.0	-26.92	AV	105.00	150	Vertical	Pass
2	2457.800	88.84	-12.75	74.0	14.84	Peak	140.00	150	Vertical	N/A
2**	2457.800	86.65	-12.75	54.0	32.65	AV	140.00	150	Vertical	N/A
3	4294.800	46.88	-4.96	74.0	-27.12	Peak	234.00	150	Vertical	Pass
3**	4294.800	36.91	-4.96	54.0	-17.09	AV	234.00	150	Vertical	Pass
4	6680.800	52.24	-0.52	74.0	-21.76	Peak	86.00	150	Vertical	Pass
4**	6680.800	43.70	-0.52	54.0	-10.30	AV	86.00	150	Vertical	Pass
5	10933.576	49.64	0.02	74.0	-24.36	Peak	275.00	150	Vertical	Pass
5**	10933.576	39.94	0.02	54.0	-14.06	AV	275.00	150	Vertical	Pass
6	17424.075	54.77	3.65	74.0	-19.23	Peak	67.00	150	Vertical	Pass
6**	17424.075	46.29	3.65	54.0	-7.71	AV	67.00	150	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11b CHANNEL 11

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1636.500	39.66	-15.06	74.0	-34.34	Peak	84.00	150	Horizontal	Pass
1**	1636.500	26.79	-15.06	54.0	-27.21	AV	84.00	150	Horizontal	Pass
2	2462.900	99.30	-10.46	74.0	25.30	Peak	249.00	150	Horizontal	N/A
2**	2462.900	97.35	-10.46	54.0	43.35	AV	249.00	150	Horizontal	N/A
3	4924.200	50.67	-1.09	74.0	-23.33	Peak	21.00	150	Horizontal	Pass
3**	4924.200	47.92	-1.09	54.0	-6.08	AV	21.00	150	Horizontal	Pass
4	6977.400	52.23	5.08	74.0	-21.77	Peak	271.00	150	Horizontal	Pass
4**	6977.400	42.85	5.08	54.0	-11.15	AV	271.00	150	Horizontal	Pass
5	11759.849	49.95	18.85	74.0	-24.05	Peak	84.00	150	Horizontal	Pass
5**	11759.849	38.10	18.85	54.0	-15.90	AV	84.00	150	Horizontal	Pass
6	17244.787	57.31	24.20	74.0	-16.69	Peak	252.00	150	Horizontal	Pass
6**	17244.787	44.40	24.20	54.0	-9.60	AV	252.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11b CHANNEL 11

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1636.500	39.66	-15.06	74.0	-34.34	Peak	84.00	150	Horizontal	Pass
1**	1636.500	26.79	-15.06	54.0	-27.21	AV	84.00	150	Horizontal	Pass
2	2462.900	99.30	-10.46	74.0	25.30	Peak	249.00	150	Horizontal	N/A
2**	2462.900	97.35	-10.46	54.0	43.35	AV	249.00	150	Horizontal	N/A
3	4924.200	50.67	-1.09	74.0	-23.33	Peak	21.00	150	Horizontal	Pass
3**	4924.200	47.92	-1.09	54.0	-6.08	AV	21.00	150	Horizontal	Pass
4	6977.400	52.23	5.08	74.0	-21.77	Peak	271.00	150	Horizontal	Pass
4**	6977.400	42.85	5.08	54.0	-11.15	AV	271.00	150	Horizontal	Pass
5	11759.849	49.95	18.85	74.0	-24.05	Peak	84.00	150	Horizontal	Pass
5**	11759.849	38.10	18.85	54.0	-15.90	AV	84.00	150	Horizontal	Pass
6	17244.787	57.31	24.20	74.0	-16.69	Peak	252.00	150	Horizontal	Pass
6**	17244.787	44.40	24.20	54.0	-9.60	AV	252.00	150	Horizontal	Pass



## 1 GHz to 18 GHz, ANT H 802.11g CHANNEL 1

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1372.400	42.37	-17.57	74.0	-31.63	Peak	115.00	150	Horizontal	Pass
1**	1372.400	31.87	-17.57	54.0	-22.13	AV	115.00	150	Horizontal	Pass
2	2413.800	107.30	-13.08	74.0	33.30	Peak	97.00	150	Horizontal	N/A
2**	2413.800	99.71	-13.08	54.0	45.71	AV	97.00	150	Horizontal	N/A
3	2934.400	50.80	-10.65	74.0	-23.20	Peak	145.00	150	Horizontal	Pass
3**	2934.400	40.39	-10.65	54.0	-13.61	AV	145.00	150	Horizontal	Pass
4	4988.600	50.48	-3.77	74.0	-23.52	Peak	124.00	150	Horizontal	Pass
4**	4988.600	41.57	-3.77	54.0	-12.43	AV	124.00	150	Horizontal	Pass
5	6993.000	52.93	-0.41	74.0	-21.07	Peak	269.00	150	Horizontal	Pass
5**	6993.000	44.15	-0.41	54.0	-9.85	AV	269.00	150	Horizontal	Pass
6	12998.062	51.37	2.90	74.0	-22.63	Peak	144.00	150	Horizontal	Pass
6**	12998.062	41.70	2.90	54.0	-12.30	AV	144.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11g CHANNEL 1

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1275.500	43.06	-17.58	74.0	-30.94	Peak	182.00	150	Vertical	Pass
1**	1275.500	32.87	-17.58	54.0	-21.13	AV	182.00	150	Vertical	Pass
2	2416.500	96.31	-12.90	74.0	22.31	Peak	1.00	150	Vertical	N/A
2**	2416.500	88.41	-12.90	54.0	34.41	AV	1.00	150	Vertical	N/A
3	2998.700	51.62	-10.15	74.0	-22.38	Peak	90.00	150	Vertical	Pass
3**	2998.700	41.18	-10.15	54.0	-12.82	AV	90.00	150	Vertical	Pass
4	4912.000	50.29	-3.69	74.0	-23.71	Peak	34.00	150	Vertical	Pass
4**	4912.000	40.86	-3.69	54.0	-13.14	AV	34.00	150	Vertical	Pass
5	6971.600	53.44	-0.40	74.0	-20.56	Peak	64.00	150	Vertical	Pass
5**	6971.600	43.53	-0.40	54.0	-10.47	AV	64.00	150	Vertical	Pass
6	11682.224	51.24	2.43	74.0	-22.76	Peak	110.00	150	Vertical	Pass
6**	11682.224	42.02	2.43	54.0	-11.98	AV	110.00	150	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11g CHANNEL 2

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1297.500	37.50	-17.53	74.0	-36.50	Peak	0.00	150	Horizontal	Pass
1**	1297.500	28.36	-17.53	54.0	-25.64	AV	0.00	150	Horizontal	Pass
2	2416.400	107.07	-13.08	74.0	33.07	Peak	90.00	150	Horizontal	N/A
2**	2416.400	100.23	-13.08	54.0	46.23	AV	90.00	150	Horizontal	N/A
3	3964.400	46.61	-5.29	74.0	-27.39	Peak	321.00	150	Horizontal	Pass
3**	3964.400	37.60	-5.29	54.0	-16.40	AV	321.00	150	Horizontal	Pass
4	6104.200	51.41	-1.53	74.0	-22.59	Peak	151.00	150	Horizontal	Pass
4**	6104.200	42.20	-1.53	54.0	-11.80	AV	151.00	150	Horizontal	Pass
5	8063.175	49.06	-1.03	74.0	-24.94	Peak	119.00	150	Horizontal	Pass
5**	8063.175	39.31	-1.03	54.0	-14.69	AV	119.00	150	Horizontal	Pass
6	14805.375	53.29	4.68	74.0	-20.71	Peak	7.00	150	Horizontal	Pass
6**	14805.375	43.75	4.68	54.0	-10.25	AV	7.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11g CHANNEL 2

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1858.500	39.72	-16.40	74.0	-34.28	Peak	329.00	150	Vertical	Pass
1**	1858.500	29.83	-16.40	54.0	-24.17	AV	329.00	150	Vertical	Pass
2	2416.300	94.93	-13.08	74.0	20.93	Peak	167.00	150	Vertical	N/A
2**	2416.300	87.41	-13.08	54.0	33.41	AV	167.00	150	Vertical	N/A
3	2987.000	44.56	-10.14	74.0	-29.44	Peak	243.00	150	Vertical	Pass
3**	2987.000	35.59	-10.14	54.0	-18.41	AV	243.00	150	Vertical	Pass
4	6110.800	52.04	-1.58	74.0	-21.96	Peak	286.00	150	Vertical	Pass
4**	6110.800	42.31	-1.58	54.0	-11.69	AV	286.00	150	Vertical	Pass
5	7997.625	48.45	-1.38	74.0	-25.55	Peak	26.00	150	Vertical	Pass
5**	7997.625	38.97	-1.38	54.0	-15.03	AV	26.00	150	Vertical	Pass
6	14518.988	52.86	3.08	74.0	-21.14	Peak	168.00	150	Vertical	Pass
6**	14518.988	42.35	3.08	54.0	-11.65	AV	168.00	150	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11g CHANNEL 6

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1923.200	43.90	-15.96	74.0	-30.10	Peak	238.00	150	Horizontal	Pass
1**	1923.200	34.61	-15.96	54.0	-19.39	AV	238.00	150	Horizontal	Pass
2	2436.900	106.91	-12.38	74.0	32.91	Peak	83.00	150	Horizontal	N/A
2**	2436.900	98.66	-12.38	54.0	44.66	AV	83.00	150	Horizontal	N/A
3	2742.700	50.28	-10.67	74.0	-23.72	Peak	43.00	150	Horizontal	Pass
3**	2742.700	39.97	-10.67	54.0	-14.03	AV	43.00	150	Horizontal	Pass
4	4876.000	48.69	-3.61	74.0	-25.31	Peak	252.00	150	Horizontal	Pass
4**	4876.000	45.97	-3.61	54.0	-8.03	AV	252.00	150	Horizontal	Pass
5	6434.200	53.33	-1.80	74.0	-20.67	Peak	113.00	150	Horizontal	Pass
5**	6434.200	42.88	-1.80	54.0	-11.12	AV	113.00	150	Horizontal	Pass
6	11710.975	51.57	2.14	74.0	-22.43	Peak	164.00	150	Horizontal	Pass
6**	11710.975	41.72	2.14	54.0	-12.28	AV	164.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11g CHANNEL 6

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1967.400	44.99	-15.72	74.0	-29.01	Peak	66.00	150	Vertical	Pass
1**	1967.400	35.12	-15.72	54.0	-18.88	AV	66.00	150	Vertical	Pass
2	2431.900	94.54	-12.49	74.0	20.54	Peak	275.00	150	Vertical	N/A
2**	2431.900	86.98	-12.49	54.0	32.98	AV	275.00	150	Vertical	N/A
3	2954.000	50.89	-10.29	74.0	-23.11	Peak	18.00	150	Vertical	Pass
3**	2954.000	41.25	-10.29	54.0	-12.75	AV	18.00	150	Vertical	Pass
4	4872.600	50.55	-3.58	74.0	-23.45	Peak	356.00	150	Vertical	Pass
4**	4872.600	43.12	-3.58	54.0	-10.88	AV	356.00	150	Vertical	Pass
5	6159.600	52.88	-1.69	74.0	-21.12	Peak	87.00	150	Vertical	Pass
5**	6159.600	42.62	-1.69	54.0	-11.38	AV	87.00	150	Vertical	Pass
6	11684.525	51.13	2.42	74.0	-22.87	Peak	263.00	150	Vertical	Pass
6**	11684.525	42.03	2.42	54.0	-11.97	AV	263.00	150	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11g CHANNEL 10

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1893.700	38.81	-16.14	74.0	-35.19	Peak	103.00	150	Horizontal	Pass
1**	1893.700	30.01	-16.14	54.0	-23.99	AV	103.00	150	Horizontal	Pass
2	2463.600	99.02	-12.78	74.0	25.02	Peak	211.00	150	Horizontal	N/A
2**	2463.600	91.88	-12.78	54.0	37.88	AV	211.00	150	Horizontal	N/A
3	4096.600	46.92	-5.69	74.0	-27.08	Peak	62.00	150	Horizontal	Pass
3**	4096.600	37.64	-5.69	54.0	-16.36	AV	62.00	150	Horizontal	Pass
4	6735.400	52.69	-0.37	74.0	-21.31	Peak	39.00	150	Horizontal	Pass
4**	6735.400	44.02	-0.37	54.0	-9.98	AV	39.00	150	Horizontal	Pass
5	10891.888	49.54	0.04	74.0	-24.46	Peak	238.00	150	Horizontal	Pass
5**	10891.888	40.54	0.04	54.0	-13.46	AV	238.00	150	Horizontal	Pass
6	17424.599	55.53	3.63	74.0	-18.47	Peak	240.00	150	Horizontal	Pass
6**	17424.599	46.31	3.63	54.0	-7.69	AV	240.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11g CHANNEL 10

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1429.100	37.40	-17.34	74.0	-36.60	Peak	109.00	150	Vertical	Pass
1**	1429.100	28.75	-17.34	54.0	-25.25	AV	109.00	150	Vertical	Pass
2	2461.200	87.24	-12.75	74.0	13.24	Peak	146.00	150	Vertical	N/A
2**	2461.200	79.63	-12.75	54.0	25.63	AV	146.00	150	Vertical	N/A
3	4346.400	47.74	-4.28	74.0	-26.26	Peak	129.00	150	Vertical	Pass
3**	4346.400	37.63	-4.28	54.0	-16.37	AV	129.00	150	Vertical	Pass
4	6744.600	51.86	-0.37	74.0	-22.14	Peak	51.00	150	Vertical	Pass
4**	6744.600	43.06	-0.37	54.0	-10.94	AV	51.00	150	Vertical	Pass
5	11310.488	50.01	0.37	74.0	-23.99	Peak	19.00	150	Vertical	Pass
5**	11310.488	41.31	0.37	54.0	-12.69	AV	19.00	150	Vertical	Pass
6	17179.688	54.27	2.67	74.0	-19.73	Peak	62.00	150	Vertical	Pass
6**	17179.688	45.43	2.67	54.0	-8.57	AV	62.00	150	Vertical	Pass



## 1 GHz to 18 GHz, ANT H 802.11g CHANNEL 11

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1774.200	42.89	-17.17	74.0	-31.11	Peak	248.00	150	Horizontal	Pass
1**	1774.200	32.81	-17.17	54.0	-21.19	AV	248.00	150	Horizontal	Pass
2	2460.100	107.43	-13.16	74.0	33.43	Peak	78.00	150	Horizontal	N/A
2**	2460.100	99.93	-13.16	54.0	45.93	AV	78.00	150	Horizontal	N/A
3	2983.600	50.39	-10.22	74.0	-23.61	Peak	263.00	150	Horizontal	Pass
3**	2983.600	41.24	-10.22	54.0	-12.76	AV	263.00	150	Horizontal	Pass
4	5235.600	50.60	-3.67	74.0	-23.40	Peak	161.00	150	Horizontal	Pass
4**	5235.600	40.29	-3.67	54.0	-13.71	AV	161.00	150	Horizontal	Pass
5	6604.200	52.98	-1.41	74.0	-21.02	Peak	206.00	150	Horizontal	Pass
5**	6604.200	43.26	-1.41	54.0	-10.74	AV	206.00	150	Horizontal	Pass
6	11665.838	51.49	2.49	74.0	-22.51	Peak	316.00	150	Horizontal	Pass
6**	11665.838	43.67	2.49	54.0	-10.33	AV	316.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11g CHANNEL 11

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1448.900	41.94	-17.67	74.0	-32.06	Peak	359.00	150	Vertical	Pass
1**	1448.900	32.35	-17.67	54.0	-21.65	AV	359.00	150	Vertical	Pass
2	2460.300	95.62	-13.16	74.0	21.62	Peak	282.00	150	Vertical	N/A
2**	2460.300	87.97	-13.16	54.0	33.97	AV	282.00	150	Vertical	N/A
3	2981.200	50.37	-10.28	74.0	-23.63	Peak	297.00	150	Vertical	Pass
3**	2981.200	41.99	-10.28	54.0	-12.01	AV	297.00	150	Vertical	Pass
4	3759.000	47.32	-6.70	74.0	-26.68	Peak	100.00	150	Vertical	Pass
4**	3759.000	36.86	-6.70	54.0	-17.14	AV	100.00	150	Vertical	Pass
5	6634.000	52.90	-1.28	74.0	-21.10	Peak	46.00	150	Vertical	Pass
5**	6634.000	42.89	-1.28	54.0	-11.11	AV	46.00	150	Vertical	Pass
6	12330.250	51.46	2.14	74.0	-22.54	Peak	63.00	150	Vertical	Pass
6**	12330.250	41.18	2.14	54.0	-12.82	AV	63.00	150	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11n20 CHANNEL 1

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1529.500	41.41	-17.76	74.0	-32.59	Peak	25.00	150	Horizontal	Pass
1**	1529.500	32.27	-17.76	54.0	-21.73	AV	25.00	150	Horizontal	Pass
2	2413.800	106.74	-13.08	74.0	32.74	Peak	86.00	150	Horizontal	N/A
2**	2413.800	99.56	-13.08	54.0	45.56	AV	86.00	150	Horizontal	N/A
3	2986.900	50.42	-10.14	74.0	-23.58	Peak	311.00	150	Horizontal	Pass
3**	2986.900	42.20	-10.14	54.0	-11.80	AV	311.00	150	Horizontal	Pass
4	4357.000	48.88	-4.99	74.0	-25.12	Peak	234.00	150	Horizontal	Pass
4**	4357.000	39.11	-4.99	54.0	-14.89	AV	234.00	150	Horizontal	Pass
5	6102.600	52.85	-1.52	74.0	-21.15	Peak	270.00	150	Horizontal	Pass
5**	6102.600	43.61	-1.52	54.0	-10.39	AV	270.00	150	Horizontal	Pass
6	11670.438	51.61	2.47	74.0	-22.39	Peak	320.00	150	Horizontal	Pass
6**	11670.438	42.76	2.47	54.0	-11.24	AV	320.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11n20 CHANNEL 1

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1366.900	41.82	-17.56	74.0	-32.18	Peak	0.00	150	Vertical	Pass
1**	1366.900	32.98	-17.56	54.0	-21.02	AV	0.00	150	Vertical	Pass
2	2414.200	95.62	-13.07	74.0	21.62	Peak	3.00	150	Vertical	N/A
2**	2414.200	88.42	-13.07	54.0	34.42	AV	3.00	150	Vertical	N/A
3	2966.900	50.57	-10.52	74.0	-23.43	Peak	232.00	150	Vertical	Pass
3**	2966.900	41.26	-10.52	54.0	-12.74	AV	232.00	150	Vertical	Pass
4	4243.600	49.58	-4.88	74.0	-24.42	Peak	102.00	150	Vertical	Pass
4**	4243.600	38.74	-4.88	54.0	-15.26	AV	102.00	150	Vertical	Pass
5	6112.800	53.04	-1.60	74.0	-20.96	Peak	87.00	150	Vertical	Pass
5**	6112.800	42.80	-1.60	54.0	-11.20	AV	87.00	150	Vertical	Pass
6	11667.276	51.37	2.49	74.0	-22.63	Peak	89.00	150	Vertical	Pass
6**	11667.276	42.25	2.49	54.0	-11.75	AV	89.00	150	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11n20 CHANNEL 2

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1518.300	38.03	-17.74	74.0	-35.97	Peak	248.00	150	Horizontal	Pass
1**	1518.300	28.19	-17.74	54.0	-25.81	AV	248.00	150	Horizontal	Pass
2	2417.200	106.66	-13.08	74.0	32.66	Peak	82.00	150	Horizontal	N/A
2**	2417.200	98.90	-13.08	54.0	44.90	AV	82.00	150	Horizontal	N/A
3	2985.100	44.11	-10.16	74.0	-29.89	Peak	115.00	150	Horizontal	Pass
3**	2985.100	35.06	-10.16	54.0	-18.94	AV	115.00	150	Horizontal	Pass
4	4820.000	49.32	-3.60	74.0	-24.68	Peak	317.00	150	Horizontal	Pass
4**	4820.000	39.51	-3.60	54.0	-14.49	AV	317.00	150	Horizontal	Pass
5	8057.138	48.85	-0.97	74.0	-25.15	Peak	315.00	150	Horizontal	Pass
5**	8057.138	38.97	-0.97	54.0	-15.03	AV	315.00	150	Horizontal	Pass
6	13327.762	51.74	2.14	74.0	-22.26	Peak	208.00	150	Horizontal	Pass
6**	13327.762	41.75	2.14	54.0	-12.25	AV	208.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11n20 CHANNEL 2

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1433.500	38.53	-17.73	74.0	-35.47	Peak	0.00	150	Vertical	Pass
1**	1433.500	28.37	-17.73	54.0	-25.63	AV	0.00	150	Vertical	Pass
2	2416.600	94.76	-13.13	74.0	20.76	Peak	167.00	150	Vertical	N/A
2**	2416.600	87.23	-13.13	54.0	33.23	AV	167.00	150	Vertical	N/A
3	4834.600	48.95	-3.60	74.0	-25.05	Peak	360.00	150	Vertical	Pass
3**	4834.600	39.72	-3.60	54.0	-14.28	AV	360.00	150	Vertical	Pass
4	6119.400	52.03	-1.60	74.0	-21.97	Peak	213.00	150	Vertical	Pass
4**	6119.400	42.27	-1.60	54.0	-11.73	AV	213.00	150	Vertical	Pass
5	9682.950	49.83	0.97	74.0	-24.17	Peak	129.00	150	Vertical	Pass
5**	9682.950	39.73	0.97	54.0	-14.27	AV	129.00	150	Vertical	Pass
6	15063.412	53.02	4.00	74.0	-20.98	Peak	360.00	150	Vertical	Pass
6**	15063.412	44.58	4.00	54.0	-9.42	AV	360.00	150	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11n20 CHANNEL 6

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1582.900	42.02	-17.62	74.0	-31.98	Peak	243.00	150	Horizontal	Pass
1**	1582.900	31.92	-17.62	54.0	-22.08	AV	243.00	150	Horizontal	Pass
2	2438.300	106.73	-12.38	74.0	32.73	Peak	19.00	150	Horizontal	N/A
2**	2438.300	99.61	-12.38	54.0	45.61	AV	19.00	150	Horizontal	N/A
3	2949.900	50.18	-10.31	74.0	-23.82	Peak	108.00	150	Horizontal	Pass
3**	2949.900	41.05	-10.31	54.0	-12.95	AV	108.00	150	Horizontal	Pass
4	4873.600	52.35	-3.61	74.0	-21.65	Peak	255.00	150	Horizontal	Pass
4**	4873.600	43.05	-3.61	54.0	-10.95	AV	255.00	150	Horizontal	Pass
5	6949.800	53.29	-0.47	74.0	-20.71	Peak	145.00	150	Horizontal	Pass
5**	6949.800	43.56	-0.47	54.0	-10.44	AV	145.00	150	Horizontal	Pass
6	12244.287	50.86	2.65	74.0	-23.14	Peak	284.00	150	Horizontal	Pass
6**	12244.287	41.82	2.65	54.0	-12.18	AV	284.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11n20 CHANNEL 6

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1613.800	41.86	-17.74	74.0	-32.14	Peak	228.00	150	Vertical	Pass
1**	1613.800	31.89	-17.74	54.0	-22.11	AV	228.00	150	Vertical	Pass
2	2433.300	94.50	-12.47	74.0	20.50	Peak	278.00	150	Vertical	N/A
2**	2433.300	87.23	-12.47	54.0	33.23	AV	278.00	150	Vertical	N/A
3	2963.300	50.61	-10.42	74.0	-23.39	Peak	1.00	150	Vertical	Pass
3**	2963.300	41.76	-10.42	54.0	-12.24	AV	1.00	150	Vertical	Pass
4	4876.200	51.17	-3.60	74.0	-22.83	Peak	0.00	150	Vertical	Pass
4**	4876.200	42.27	-3.60	54.0	-11.73	AV	0.00	150	Vertical	Pass
5	6898.400	52.97	-0.39	74.0	-21.03	Peak	0.00	150	Vertical	Pass
5**	6898.400	44.06	-0.39	54.0	-9.94	AV	0.00	150	Vertical	Pass
6	11746.338	51.00	1.60	74.0	-23.00	Peak	88.00	150	Vertical	Pass
6**	11746.338	41.45	1.60	54.0	-12.55	AV	88.00	150	Vertical	Pass



## 1 GHz to 18 GHz, ANT H 802.11n20 CHANNEL 8

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1847.400	39.97	-16.56	74.0	-34.03	Peak	0.00	150	Horizontal	Pass
1**	1847.400	29.15	-16.56	54.0	-24.85	AV	0.00	150	Horizontal	Pass
2	2444.000	106.25	-12.47	74.0	32.25	Peak	73.00	150	Horizontal	N/A
2**	2444.000	98.72	-12.47	54.0	44.72	AV	73.00	150	Horizontal	N/A
3	2973.400	44.50	-10.47	74.0	-29.50	Peak	278.00	150	Horizontal	Pass
3**	2973.400	35.02	-10.47	54.0	-18.98	AV	278.00	150	Horizontal	Pass
4	6092.400	51.76	-1.38	74.0	-22.24	Peak	20.00	150	Horizontal	Pass
4**	6092.400	42.40	-1.38	54.0	-11.60	AV	20.00	150	Horizontal	Pass
5	9056.487	47.78	-0.67	74.0	-26.22	Peak	339.00	150	Horizontal	Pass
5**	9056.487	38.49	-0.67	54.0	-15.51	AV	339.00	150	Horizontal	Pass
6	14525.813	53.22	3.13	74.0	-20.78	Peak	0.00	150	Horizontal	Pass
6**	14525.813	43.28	3.13	54.0	-10.72	AV	0.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11n20 CHANNEL 8

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1320.800	37.82	-17.54	74.0	-36.18	Peak	65.00	150	Vertical	Pass
1**	1320.800	28.98	-17.54	54.0	-25.02	AV	65.00	150	Vertical	Pass
2	2445.400	93.01	-12.46	74.0	19.01	Peak	315.00	150	Vertical	N/A
2**	2445.400	85.55	-12.46	54.0	31.55	AV	315.00	150	Vertical	N/A
3	2997.400	44.41	-10.14	74.0	-29.59	Peak	232.00	150	Vertical	Pass
3**	2997.400	35.52	-10.14	54.0	-18.48	AV	232.00	150	Vertical	Pass
4	6545.400	51.94	-1.86	74.0	-22.06	Peak	81.00	150	Vertical	Pass
4**	6545.400	41.59	-1.86	54.0	-12.41	AV	81.00	150	Vertical	Pass
5	8056.850	48.54	-0.96	74.0	-25.46	Peak	166.00	150	Vertical	Pass
5**	8056.850	39.16	-0.96	54.0	-14.84	AV	166.00	150	Vertical	Pass
6	14978.625	53.33	4.39	74.0	-20.67	Peak	77.00	150	Vertical	Pass
6**	14978.625	43.49	4.39	54.0	-10.51	AV	77.00	150	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11n20 CHANNEL 9

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.700	37.14	-17.58	74.0	-36.86	Peak	73.00	150	Horizontal	Pass
1**	1494.700	28.32	-17.58	54.0	-25.68	AV	73.00	150	Horizontal	Pass
2	2460.200	100.04	-12.75	74.0	26.04	Peak	203.00	150	Horizontal	N/A
2**	2460.200	92.94	-12.75	54.0	38.94	AV	203.00	150	Horizontal	N/A
3	4007.400	46.47	-5.20	74.0	-27.53	Peak	308.00	150	Horizontal	Pass
3**	4007.400	36.88	-5.20	54.0	-17.12	AV	308.00	150	Horizontal	Pass
4	6767.400	52.30	-1.22	74.0	-21.70	Peak	176.00	150	Horizontal	Pass
4**	6767.400	43.39	-1.22	54.0	-10.61	AV	176.00	150	Horizontal	Pass
5	11036.500	49.84	-0.55	74.0	-24.16	Peak	174.00	150	Horizontal	Pass
5**	11036.500	40.62	-0.55	54.0	-13.38	AV	174.00	150	Horizontal	Pass
6	17488.126	54.63	2.34	74.0	-19.37	Peak	70.00	150	Horizontal	Pass
6**	17488.126	47.01	2.34	54.0	-6.99	AV	70.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11n20 CHANNEL 9

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1475.400	36.81	-17.53	74.0	-37.19	Peak	72.00	150	Vertical	Pass
1**	1475.400	28.61	-17.53	54.0	-25.39	AV	72.00	150	Vertical	Pass
2	2445.500	89.01	-12.72	74.0	15.01	Peak	190.00	150	Vertical	N/A
2**	2445.500	82.16	-12.72	54.0	28.16	AV	190.00	150	Vertical	N/A
3	4186.200	46.95	-4.92	74.0	-27.05	Peak	0.00	150	Vertical	Pass
3**	4186.200	37.43	-4.92	54.0	-16.57	AV	0.00	150	Vertical	Pass
4	6746.800	52.23	-0.48	74.0	-21.77	Peak	346.00	150	Vertical	Pass
4**	6746.800	42.51	-0.48	54.0	-11.49	AV	346.00	150	Vertical	Pass
5	10952.263	49.72	-0.30	74.0	-24.28	Peak	321.00	150	Vertical	Pass
5**	10952.263	40.61	-0.30	54.0	-13.39	AV	321.00	150	Vertical	Pass
6	17426.962	54.26	3.55	74.0	-19.74	Peak	68.00	150	Vertical	Pass
6**	17426.962	45.98	3.55	54.0	-8.02	AV	68.00	150	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11n20 CHANNEL 10

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1541.800	36.74	-17.55	74.0	-37.26	Peak	360.00	150	Horizontal	Pass
1**	1541.800	26.98	-17.55	54.0	-27.02	AV	360.00	150	Horizontal	Pass
2	2461.600	99.31	-12.76	74.0	25.31	Peak	357.00	150	Horizontal	N/A
2**	2461.600	92.13	-12.76	54.0	38.13	AV	357.00	150	Horizontal	N/A
3	4162.400	46.68	-4.94	74.0	-27.32	Peak	144.00	150	Horizontal	Pass
3**	4162.400	37.58	-4.94	54.0	-16.42	AV	144.00	150	Horizontal	Pass
4	6741.200	52.79	-0.25	74.0	-21.21	Peak	243.00	150	Horizontal	Pass
4**	6741.200	43.37	-0.25	54.0	-10.63	AV	243.00	150	Horizontal	Pass
5	11215.037	49.98	-0.19	74.0	-24.02	Peak	210.00	150	Horizontal	Pass
5**	11215.037	40.57	-0.19	54.0	-13.43	AV	210.00	150	Horizontal	Pass
6	17185.200	55.02	2.52	74.0	-18.98	Peak	77.00	150	Horizontal	Pass
6**	17185.200	45.34	2.52	54.0	-8.66	AV	77.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11n20 CHANNEL 10

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1459.600	37.35	-17.47	74.0	-36.65	Peak	123.00	150	Vertical	Pass
1**	1459.600	29.37	-17.47	54.0	-24.63	AV	123.00	150	Vertical	Pass
2	2458.400	86.10	-12.75	74.0	12.10	Peak	149.00	150	Vertical	N/A
2**	2458.400	79.04	-12.75	54.0	25.04	AV	149.00	150	Vertical	N/A
3	4212.000	46.91	-5.24	74.0	-27.09	Peak	335.00	150	Vertical	Pass
3**	4212.000	37.40	-5.24	54.0	-16.60	AV	335.00	150	Vertical	Pass
4	6692.200	52.26	-0.31	74.0	-21.74	Peak	284.00	150	Vertical	Pass
4**	6692.200	44.03	-0.31	54.0	-9.97	AV	284.00	150	Vertical	Pass
5	11805.850	50.51	0.87	74.0	-23.49	Peak	332.00	150	Vertical	Pass
5**	11805.850	40.42	0.87	54.0	-13.58	AV	332.00	150	Vertical	Pass
6	17423.286	54.66	3.67	74.0	-19.34	Peak	102.00	150	Vertical	Pass
6**	17423.286	46.97	3.67	54.0	-7.03	AV	102.00	150	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11n20 CHANNEL 11

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1660.400	41.81	-17.48	74.0	-32.19	Peak	225.00	150	Horizontal	Pass
1**	1660.400	32.12	-17.48	54.0	-21.88	AV	225.00	150	Horizontal	Pass
2	2461.100	107.76	-13.13	74.0	33.76	Peak	86.00	150	Horizontal	N/A
2**	2461.100	100.06	-13.13	54.0	46.06	AV	86.00	150	Horizontal	N/A
3	2724.400	50.11	-10.77	74.0	-23.89	Peak	168.00	150	Horizontal	Pass
3**	2724.400	40.03	-10.77	54.0	-13.97	AV	168.00	150	Horizontal	Pass
4	4619.000	49.98	-4.32	74.0	-24.02	Peak	277.00	150	Horizontal	Pass
4**	4619.000	39.05	-4.32	54.0	-14.95	AV	277.00	150	Horizontal	Pass
5	6988.000	53.07	-0.46	74.0	-20.93	Peak	234.00	150	Horizontal	Pass
5**	6988.000	43.66	-0.46	54.0	-10.34	AV	234.00	150	Horizontal	Pass
6	11234.300	50.88	0.28	74.0	-23.12	Peak	360.00	150	Horizontal	Pass
6**	11234.300	40.80	0.28	54.0	-13.20	AV	360.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11n20 CHANNEL 11

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1238.500	41.86	-17.97	74.0	-32.14	Peak	3.00	150	Vertical	Pass
1**	1238.500	32.06	-17.97	54.0	-21.94	AV	3.00	150	Vertical	Pass
2	2463.300	95.20	-13.03	74.0	21.20	Peak	283.00	150	Vertical	N/A
2**	2463.300	87.34	-13.03	54.0	33.34	AV	283.00	150	Vertical	N/A
3	2986.900	50.93	-10.14	74.0	-23.07	Peak	294.00	150	Vertical	Pass
3**	2986.900	40.89	-10.14	54.0	-13.11	AV	294.00	150	Vertical	Pass
4	4830.400	49.72	-3.63	74.0	-24.28	Peak	245.00	150	Vertical	Pass
4**	4830.400	41.20	-3.63	54.0	-12.80	AV	245.00	150	Vertical	Pass
5	6766.600	53.25	-0.86	74.0	-20.75	Peak	151.00	150	Vertical	Pass
5**	6766.600	42.99	-0.86	54.0	-11.01	AV	151.00	150	Vertical	Pass
6	11701.200	51.55	2.28	74.0	-22.45	Peak	52.00	150	Vertical	Pass
6**	11701.200	42.01	2.28	54.0	-11.99	AV	52.00	150	Vertical	Pass



## 1 GHz to 18 GHz, ANT H 802.11n40 CHANNEL 3

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1411.900	41.63	-17.47	74.0	-32.37	Peak	198.00	150	Horizontal	Pass
1**	1411.900	31.65	-17.47	54.0	-22.35	AV	198.00	150	Horizontal	Pass
2	2419.400	106.00	-12.79	74.0	32.00	Peak	24.00	150	Horizontal	N/A
2**	2419.400	98.46	-12.79	54.0	44.46	AV	24.00	150	Horizontal	N/A
3	2980.100	51.29	-10.28	74.0	-22.71	Peak	53.00	150	Horizontal	Pass
3**	2980.100	40.93	-10.28	54.0	-13.07	AV	53.00	150	Horizontal	Pass
4	4866.000	50.14	-3.54	74.0	-23.86	Peak	225.00	150	Horizontal	Pass
4**	4866.000	40.86	-3.54	54.0	-13.14	AV	225.00	150	Horizontal	Pass
5	6887.400	53.36	-0.54	74.0	-20.64	Peak	218.00	150	Horizontal	Pass
5**	6887.400	44.35	-0.54	54.0	-9.65	AV	218.00	150	Horizontal	Pass
6	11566.075	51.04	1.62	74.0	-22.96	Peak	42.00	150	Horizontal	Pass
6**	11566.075	40.70	1.62	54.0	-13.30	AV	42.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11n40 CHANNEL 3

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1513.700	42.08	-17.80	74.0	-31.92	Peak	280.00	150	Vertical	Pass
1**	1513.700	31.68	-17.80	54.0	-22.32	AV	280.00	150	Vertical	Pass
2	2417.600	95.21	-12.86	74.0	21.21	Peak	2.00	150	Vertical	N/A
2**	2417.600	87.26	-12.86	54.0	33.26	AV	2.00	150	Vertical	N/A
3	2973.200	50.43	-10.48	74.0	-23.57	Peak	258.00	150	Vertical	Pass
3**	2973.200	41.13	-10.48	54.0	-12.87	AV	258.00	150	Vertical	Pass
4	4870.000	50.77	-3.60	74.0	-23.23	Peak	356.00	150	Vertical	Pass
4**	4870.000	40.60	-3.60	54.0	-13.40	AV	356.00	150	Vertical	Pass
5	6971.200	53.38	-0.41	74.0	-20.62	Peak	129.00	150	Vertical	Pass
5**	6971.200	44.51	-0.41	54.0	-9.49	AV	129.00	150	Vertical	Pass
6	11664.687	51.80	2.50	74.0	-22.20	Peak	357.00	150	Vertical	Pass
6**	11664.687	41.97	2.50	54.0	-12.03	AV	357.00	150	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11n40 CHANNEL 4

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1491.700	36.62	-17.48	74.0	-37.38	Peak	75.00	150	Horizontal	Pass
1**	1491.700	27.63	-17.48	54.0	-26.37	AV	75.00	150	Horizontal	Pass
2	2422.300	98.92	-12.58	74.0	24.92	Peak	360.00	150	Horizontal	N/A
2**	2422.300	92.51	-12.58	54.0	38.51	AV	360.00	150	Horizontal	N/A
3	4217.800	47.13	-5.16	74.0	-26.87	Peak	302.00	150	Horizontal	Pass
3**	4217.800	37.81	-5.16	54.0	-16.19	AV	302.00	150	Horizontal	Pass
4	6620.000	52.80	-0.17	74.0	-21.20	Peak	17.00	150	Horizontal	Pass
4**	6620.000	42.97	-0.17	54.0	-11.03	AV	17.00	150	Horizontal	Pass
5	11409.388	49.54	-0.20	74.0	-24.46	Peak	3.00	150	Horizontal	Pass
5**	11409.388	39.41	-0.20	54.0	-14.59	AV	3.00	150	Horizontal	Pass
6	17418.037	54.29	3.71	74.0	-19.71	Peak	188.00	150	Horizontal	Pass
6**	17418.037	45.11	3.71	54.0	-8.89	AV	188.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11n40 CHANNEL 4

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1621.300	36.95	-17.66	74.0	-37.05	Peak	0.00	150	Vertical	Pass
1**	1621.300	27.38	-17.66	54.0	-26.62	AV	0.00	150	Vertical	Pass
2	2423.400	87.29	-12.72	74.0	13.29	Peak	119.00	150	Vertical	N/A
2**	2423.400	80.67	-12.72	54.0	26.67	AV	119.00	150	Vertical	N/A
3	4110.400	46.38	-5.59	74.0	-27.62	Peak	0.00	150	Vertical	Pass
3**	4110.400	37.53	-5.59	54.0	-16.47	AV	0.00	150	Vertical	Pass
4	6677.200	52.29	-0.58	74.0	-21.71	Peak	71.00	150	Vertical	Pass
4**	6677.200	44.19	-0.58	54.0	-9.81	AV	71.00	150	Vertical	Pass
5	12227.325	50.23	1.31	74.0	-23.77	Peak	101.00	150	Vertical	Pass
5**	12227.325	41.00	1.31	54.0	-13.00	AV	101.00	150	Vertical	Pass
6	17483.661	54.47	2.57	74.0	-19.53	Peak	0.00	150	Vertical	Pass
6**	17483.661	45.35	2.57	54.0	-8.65	AV	0.00	150	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11n40 CHANNEL 5

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1461.100	36.49	-17.42	74.0	-37.51	Peak	180.00	150	Horizontal	Pass
1**	1461.100	28.47	-17.42	54.0	-25.53	AV	180.00	150	Horizontal	Pass
2	2418.200	98.90	-12.25	74.0	24.90	Peak	360.00	150	Horizontal	N/A
2**	2418.200	93.56	-12.25	54.0	39.56	AV	360.00	150	Horizontal	N/A
3	4224.400	46.93	-4.80	74.0	-27.07	Peak	16.00	150	Horizontal	Pass
3**	4224.400	37.59	-4.80	54.0	-16.41	AV	16.00	150	Horizontal	Pass
4	6678.000	52.37	-0.56	74.0	-21.63	Peak	357.00	150	Horizontal	Pass
4**	6678.000	43.69	-0.56	54.0	-10.31	AV	357.00	150	Horizontal	Pass
5	11038.800	49.75	-0.52	74.0	-24.25	Peak	360.00	150	Horizontal	Pass
5**	11038.800	41.80	-0.52	54.0	-12.20	AV	360.00	150	Horizontal	Pass
6	17471.850	54.30	2.88	74.0	-19.70	Peak	183.00	150	Horizontal	Pass
6**	17471.850	47.16	2.88	54.0	-6.84	AV	183.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11n40 CHANNEL 5

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.700	37.00	-17.56	74.0	-37.00	Peak	343.00	150	Vertical	Pass
1**	1493.700	27.69	-17.56	54.0	-26.31	AV	343.00	150	Vertical	Pass
2	2426.000	87.20	-12.85	74.0	13.20	Peak	137.00	150	Vertical	N/A
2**	2426.000	81.03	-12.85	54.0	27.03	AV	137.00	150	Vertical	N/A
3	4286.800	47.13	-4.88	74.0	-26.87	Peak	78.00	150	Vertical	Pass
3**	4286.800	37.90	-4.88	54.0	-16.10	AV	78.00	150	Vertical	Pass
4	6614.800	52.92	0.18	74.0	-21.08	Peak	117.00	150	Vertical	Pass
4**	6614.800	43.50	0.18	54.0	-10.50	AV	117.00	150	Vertical	Pass
5	12433.463	50.91	1.65	74.0	-23.09	Peak	319.00	150	Vertical	Pass
5**	12433.463	42.36	1.65	54.0	-11.64	AV	319.00	150	Vertical	Pass
6	17418.824	54.88	3.73	74.0	-19.12	Peak	254.00	150	Vertical	Pass
6**	17418.824	46.50	3.73	54.0	-7.50	AV	254.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11n40 CHANNEL 6

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1629.500	41.84	-17.74	74.0	-32.16	Peak	299.00	150	Horizontal	Pass
1**	1629.500	32.39	-17.74	54.0	-21.61	AV	299.00	150	Horizontal	Pass
2	2420.800	103.96	-12.72	74.0	29.96	Peak	77.00	150	Horizontal	N/A
2**	2420.800	96.92	-12.72	54.0	42.92	AV	77.00	150	Horizontal	N/A
3	2985.000	50.31	-10.17	74.0	-23.69	Peak	360.00	150	Horizontal	Pass
3**	2985.000	42.59	-10.17	54.0	-11.41	AV	360.00	150	Horizontal	Pass
4	4888.600	50.33	-3.58	74.0	-23.67	Peak	72.00	150	Horizontal	Pass
4**	4888.600	41.79	-3.58	54.0	-12.21	AV	72.00	150	Horizontal	Pass
5	6965.600	53.22	-0.52	74.0	-20.78	Peak	188.00	150	Horizontal	Pass
5**	6965.600	43.87	-0.52	54.0	-10.13	AV	188.00	150	Horizontal	Pass
6	13131.412	51.72	2.93	74.0	-22.28	Peak	268.00	150	Horizontal	Pass
6**	13131.412	41.48	2.93	54.0	-12.52	AV	268.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11n40 CHANNEL 6

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1629.500	41.84	-17.74	74.0	-32.16	Peak	299.00	150	Horizontal	Pass
1**	1629.500	32.39	-17.74	54.0	-21.61	AV	299.00	150	Horizontal	Pass
2	2420.800	103.96	-12.72	74.0	29.96	Peak	77.00	150	Horizontal	N/A
2**	2420.800	96.92	-12.72	54.0	42.92	AV	77.00	150	Horizontal	N/A
3	2985.000	50.31	-10.17	74.0	-23.69	Peak	360.00	150	Horizontal	Pass
3**	2985.000	42.59	-10.17	54.0	-11.41	AV	360.00	150	Horizontal	Pass
4	4888.600	50.33	-3.58	74.0	-23.67	Peak	72.00	150	Horizontal	Pass
4**	4888.600	41.79	-3.58	54.0	-12.21	AV	72.00	150	Horizontal	Pass
5	6965.600	53.22	-0.52	74.0	-20.78	Peak	188.00	150	Horizontal	Pass
5**	6965.600	43.87	-0.52	54.0	-10.13	AV	188.00	150	Horizontal	Pass
6	13131.412	51.72	2.93	74.0	-22.28	Peak	268.00	150	Horizontal	Pass
6**	13131.412	41.48	2.93	54.0	-12.52	AV	268.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT H 802.11n40 CHANNEL 7

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1627.600	37.60	-17.67	74.0	-36.40	Peak	219.00	150	Horizontal	Pass
1**	1627.600	27.56	-17.67	54.0	-26.44	AV	219.00	150	Horizontal	Pass
2	2434.100	99.01	-12.87	74.0	25.01	Peak	332.00	150	Horizontal	N/A
2**	2434.100	91.47	-12.87	54.0	37.47	AV	332.00	150	Horizontal	N/A
3	4341.600	47.13	-4.28	74.0	-26.87	Peak	190.00	150	Horizontal	Pass
3**	4341.600	38.16	-4.28	54.0	-15.84	AV	190.00	150	Horizontal	Pass
4	6612.800	52.02	0.19	74.0	-21.98	Peak	190.00	150	Horizontal	Pass
4**	6612.800	43.86	0.19	54.0	-10.14	AV	190.00	150	Horizontal	Pass
5	11528.412	49.52	-0.53	74.0	-24.48	Peak	199.00	150	Horizontal	Pass
5**	11528.412	39.92	-0.53	54.0	-14.08	AV	199.00	150	Horizontal	Pass
6	17088.863	54.03	1.49	74.0	-19.97	Peak	98.00	150	Horizontal	Pass
6**	17088.863	44.97	1.49	54.0	-9.03	AV	98.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11n40 CHANNEL 7

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1911.000	39.29	-16.09	74.0	-34.71	Peak	62.00	150	Vertical	Pass
1**	1911.000	29.14	-16.09	54.0	-24.86	AV	62.00	150	Vertical	Pass
2	2439.500	90.09	-12.64	74.0	16.09	Peak	185.00	150	Vertical	N/A
2**	2439.500	83.70	-12.64	54.0	29.70	AV	185.00	150	Vertical	N/A
3	4219.400	47.19	-5.06	74.0	-26.81	Peak	125.00	150	Vertical	Pass
3**	4219.400	37.83	-5.06	54.0	-16.17	AV	125.00	150	Vertical	Pass
4	6685.400	52.33	-0.18	74.0	-21.67	Peak	98.00	150	Vertical	Pass
4**	6685.400	44.30	-0.18	54.0	-9.70	AV	98.00	150	Vertical	Pass
5	12264.412	50.35	1.27	74.0	-23.65	Peak	7.00	150	Vertical	Pass
5**	12264.412	42.02	1.27	54.0	-11.98	AV	7.00	150	Vertical	Pass
6	17464.238	54.12	2.88	74.0	-19.88	Peak	139.00	150	Vertical	Pass
6**	17464.238	45.68	2.88	54.0	-8.32	AV	139.00	150	Vertical	Pass



## 1 GHz to 18 GHz, ANT H 802.11n40 CHANNEL 8

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1520.000	37.09	-17.68	74.0	-36.91	Peak	1.00	150	Horizontal	Pass
1**	1520.000	27.61	-17.68	54.0	-26.39	AV	1.00	150	Horizontal	Pass
2	2455.200	97.88	-12.68	74.0	23.88	Peak	340.00	150	Horizontal	N/A
2**	2455.200	90.50	-12.68	54.0	36.50	AV	340.00	150	Horizontal	N/A
3	3956.200	46.24	-4.63	74.0	-27.76	Peak	322.00	150	Horizontal	Pass
3**	3956.200	37.27	-4.63	54.0	-16.73	AV	322.00	150	Horizontal	Pass
4	6613.000	52.24	0.19	74.0	-21.76	Peak	261.00	150	Horizontal	Pass
4**	6613.000	43.36	0.19	54.0	-10.64	AV	261.00	150	Horizontal	Pass
5	11633.925	49.97	-0.21	74.0	-24.03	Peak	360.00	150	Horizontal	Pass
5**	11633.925	40.98	-0.21	54.0	-13.02	AV	360.00	150	Horizontal	Pass
6	16090.050	54.56	1.43	74.0	-19.44	Peak	6.00	150	Horizontal	Pass
6**	16090.050	45.11	1.43	54.0	-8.89	AV	6.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11n40 CHANNEL 8

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1419.500	37.26	-17.51	74.0	-36.74	Peak	14.00	150	Vertical	Pass
1**	1419.500	27.25	-17.51	54.0	-26.75	AV	14.00	150	Vertical	Pass
2	2455.600	83.25	-12.69	74.0	9.25	Peak	148.00	150	Vertical	N/A
2**	2455.600	76.50	-12.69	54.0	22.50	AV	148.00	150	Vertical	N/A
3	4148.800	46.39	-4.94	74.0	-27.61	Peak	345.00	150	Vertical	Pass
3**	4148.800	37.86	-4.94	54.0	-16.14	AV	345.00	150	Vertical	Pass
4	6601.400	52.26	-0.28	74.0	-21.74	Peak	51.00	150	Vertical	Pass
4**	6601.400	43.73	-0.28	54.0	-10.27	AV	51.00	150	Vertical	Pass
5	12001.637	50.45	1.28	74.0	-23.55	Peak	38.00	150	Vertical	Pass
5**	12001.637	40.78	1.28	54.0	-13.22	AV	38.00	150	Vertical	Pass
6	17423.550	54.56	3.66	74.0	-19.44	Peak	360.00	150	Vertical	Pass
6**	17423.550	46.98	3.66	54.0	-7.02	AV	360.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11n40 CHANNEL 9

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1299.000	42.50	-17.49	74.0	-31.50	Peak	235.00	150	Horizontal	Pass
1**	1299.000	33.75	-17.49	54.0	-20.25	AV	235.00	150	Horizontal	Pass
2	2457.100	105.80	-13.18	74.0	31.80	Peak	94.00	150	Horizontal	N/A
2**	2457.100	98.32	-13.18	54.0	44.32	AV	94.00	150	Horizontal	N/A
3	2726.600	50.92	-10.73	74.0	-23.08	Peak	340.00	150	Horizontal	Pass
3**	2726.600	40.53	-10.73	54.0	-13.47	AV	340.00	150	Horizontal	Pass
4	4903.800	50.56	-3.53	74.0	-23.44	Peak	84.00	150	Horizontal	Pass
4**	4903.800	41.68	-3.53	54.0	-12.32	AV	84.00	150	Horizontal	Pass
5	6948.400	53.80	-0.43	74.0	-20.20	Peak	185.00	150	Horizontal	Pass
5**	6948.400	44.03	-0.43	54.0	-9.97	AV	185.00	150	Horizontal	Pass
6	11676.763	51.80	2.45	74.0	-22.20	Peak	42.00	150	Horizontal	Pass
6**	11676.763	42.45	2.45	54.0	-11.55	AV	42.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11n40 CHANNEL 9

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1387.600	42.00	-17.45	74.0	-32.00	Peak	90.00	150	Vertical	Pass
1**	1387.600	32.65	-17.45	54.0	-21.35	AV	90.00	150	Vertical	Pass
2	2455.200	93.84	-13.13	74.0	19.84	Peak	277.00	150	Vertical	N/A
2**	2455.200	85.97	-13.13	54.0	31.97	AV	277.00	150	Vertical	N/A
3	2979.800	50.95	-10.28	74.0	-23.05	Peak	85.00	150	Vertical	Pass
3**	2979.800	40.99	-10.28	54.0	-13.01	AV	85.00	150	Vertical	Pass
4	4360.400	48.57	-5.01	74.0	-25.43	Peak	317.00	150	Vertical	Pass
4**	4360.400	39.10	-5.01	54.0	-14.90	AV	317.00	150	Vertical	Pass
5	6938.000	52.99	-0.41	74.0	-21.01	Peak	236.00	150	Vertical	Pass
5**	6938.000	43.44	-0.41	54.0	-10.56	AV	236.00	150	Vertical	Pass
6	11719.599	51.08	2.01	74.0	-22.92	Peak	336.00	150	Vertical	Pass
6**	11719.599	42.09	2.01	54.0	-11.91	AV	336.00	150	Vertical	Pass

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

### Test Data

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

Note<sup>2</sup>: 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<sup>3</sup>: 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.

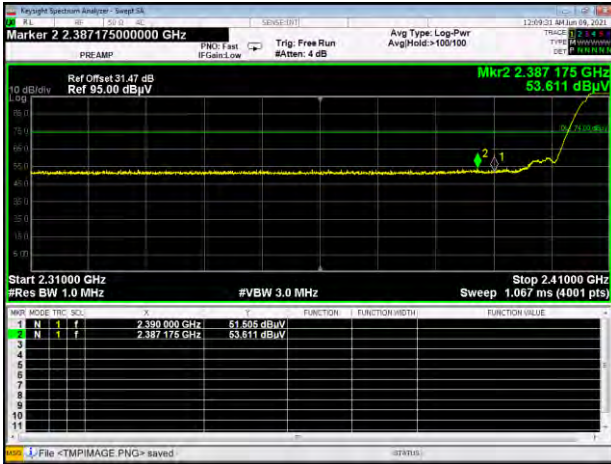
Test Mode	Test Channel	Frequency (MHz)	Level (dBuV/m)	Factor (dB)	Limit Line (dBuV/m)	Margin (dB)	Remark	Verdict
802.11b	1	2390	53.611	31.47	74	20.389	PEAK	Pass
		2390	N/A	N/A	54	N/A	AVERAGE	Pass
	2	2390	55.134	32.61	74	18.866	PEAK	Pass
		2390	44.315	32.61	54	9.685	AVERAGE	Pass
	10	2483.5	54.322	32.54	74	19.678	PEAK	Pass
		2483.5	44.642	32.54	54	9.358	AVERAGE	Pass
11	2483.5	56.237	31.40	74	17.763	PEAK	Pass	
	2483.5	44.698	31.40	54	9.302	AVERAGE	Pass	
802.11g	1	2390	65.389	31.47	74	8.611	PEAK	Pass
		2390	47.922	31.47	54	6.078	AVERAGE	Pass
	2	2390	66.845	31.47	74	7.155	PEAK	Pass
		2390	48.107	31.47	54	5.893	AVERAGE	Pass
	10	2483.5	67.649	32.54	74	6.351	PEAK	Pass
		2483.5	48.299	32.54	54	5.701	AVERAGE	Pass
11	2483.5	68.117	31.40	74	5.883	PEAK	Pass	
	2483.5	46.921	31.40	54	7.079	AVERAGE	Pass	
802.11n20	1	2390	67.763	31.47	74	6.237	PEAK	Pass
		2390	47.961	31.47	54	6.039	AVERAGE	Pass
	2	2390	66.367	31.47	74	7.633	PEAK	Pass
		2390	48.727	31.47	54	5.273	AVERAGE	Pass
	8	2483.5	65.759	32.54	74	8.241	PEAK	Pass
		2483.5	48.459	32.54	54	5.541	AVERAGE	Pass
	9	2483.5	63.134	32.54	74	10.866	PEAK	Pass
		2483.5	48.872	32.54	54	5.128	AVERAGE	Pass
10	2483.5	68.984	31.40	74	5.016	PEAK	Pass	
	2483.5	47.082	31.40	54	6.918	AVERAGE	Pass	
11	2483.5	66.269	31.40	74	7.731	PEAK	Pass	
	2483.5	45.894	31.40	54	8.106	AVERAGE	Pass	
802.11n40	3	2390	67.538	31.47	74	6.462	PEAK	Pass
		2390	48.119	31.47	54	5.881	AVERAGE	Pass
	4	2390	65.994	31.47	74	8.006	PEAK	Pass
		2390	47.860	31.47	54	6.140	AVERAGE	Pass

	5	2390	63.101	32.61	74	10.899	PEAK	Pass
		2390	47.802	32.61	54	6.198	AVERAGE	Pass
	6	2483.5	66.358	32.54	74	7.642	PEAK	Pass
		2483.5	47.929	32.54	54	6.071	AVERAGE	Pass
	7	2483.5	64.090	32.54	74	9.910	PEAK	Pass
		2483.5	48.900	32.54	54	5.100	AVERAGE	Pass
	8	2483.5	66.289	31.40	74	7.711	PEAK	Pass
		2483.5	48.839	31.40	54	5.161	AVERAGE	Pass
	9	2483.5	67.756	31.40	74	6.244	PEAK	Pass
		2483.5	48.932	31.40	54	5.068	AVERAGE	Pass

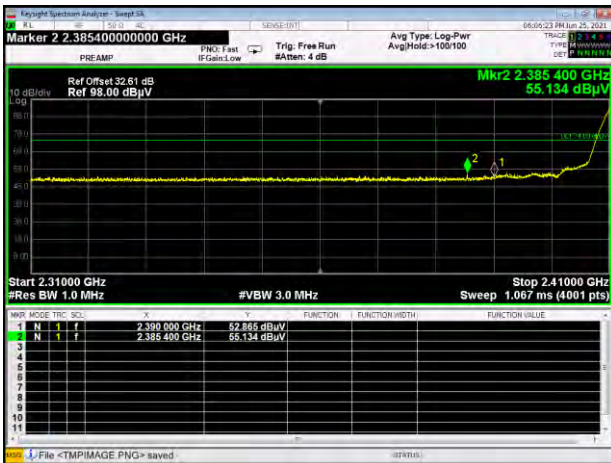
Test plots

802.11b Mode:

CHANNEL 1, PEAK



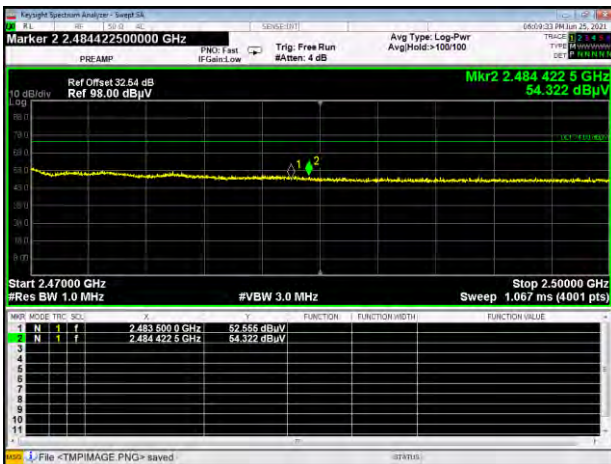
CHANNEL 2, PEAK



CHANNEL 2, AV



CHANNEL 10, PEAK



CHANNEL 10, AV





CHANNEL 11, PEAK

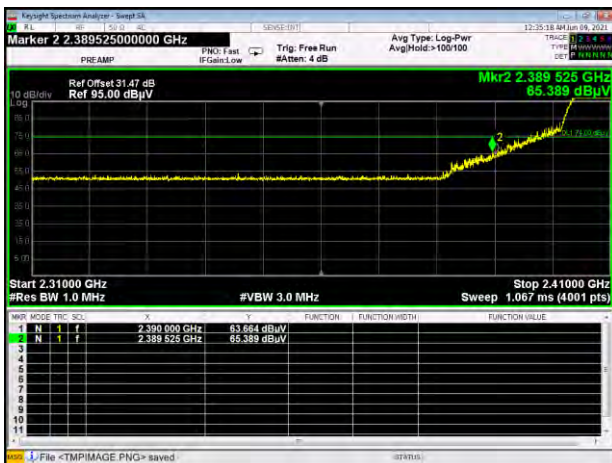


CHANNEL 11, AV



802.11g Mode:

CHANNEL 1, PEAK



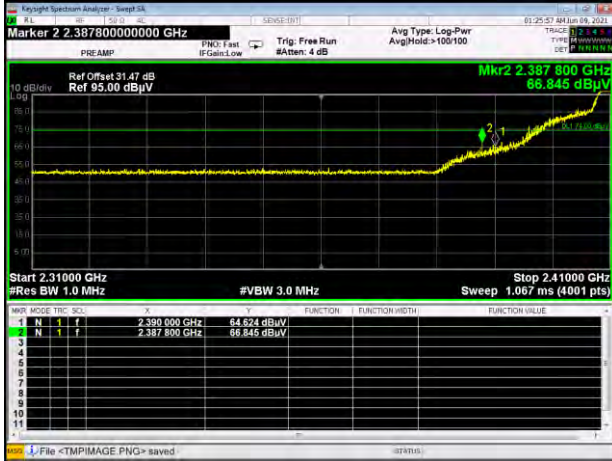
CHANNEL 1, AV



CHANNEL 1, AV



CHANNEL 2, PEAK



CHANNEL 2, AV



CHANNEL 2, AV



CHANNEL 10, PEAK



CHANNEL 10, AV



CHANNEL 10, AV



CHANNEL 11, PEAK



CHANNEL 11, AV



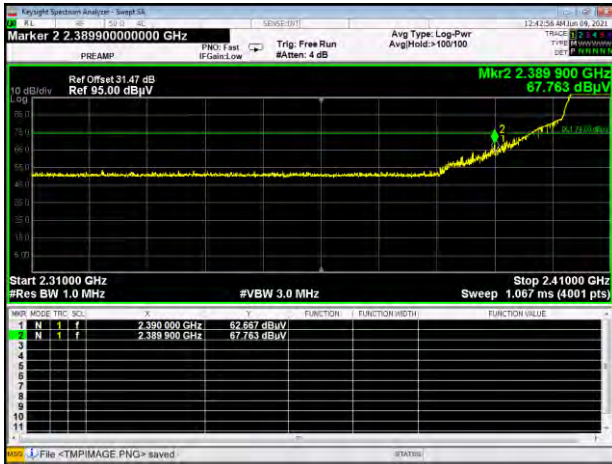
CHANNEL 11, AV





802.11n-20 MHz Mode:

CHANNEL 1, PEAK



CHANNEL 1, AV



CHANNEL 1, AV



CHANNEL 2, PEAK



CHANNEL 2, AV



CHANNEL 2, AV



CHANNEL 8, PEAK



CHANNEL 8, AV



CHANNEL 8, AV





CHANNEL 9, PEAK



CHANNEL 9, AV



CHANNEL 9, AV



CHANNEL 10, PEAK



CHANNEL 10, AV



CHANNEL 10, AV



CHANNEL 11, PEAK



CHANNEL 11, AV

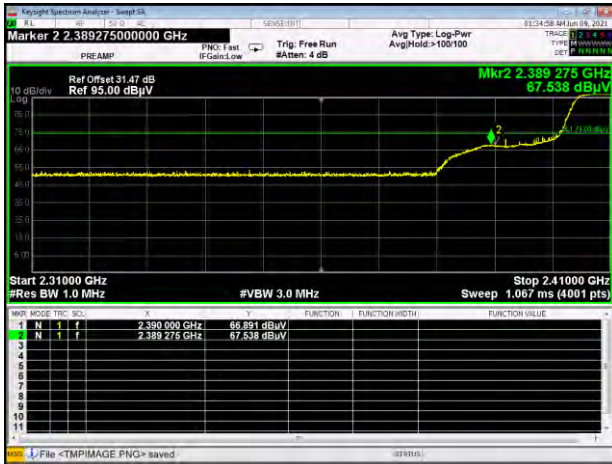


CHANNEL 11, AV



802.11n-40 MHz Mode:

CHANNEL 3, PEAK



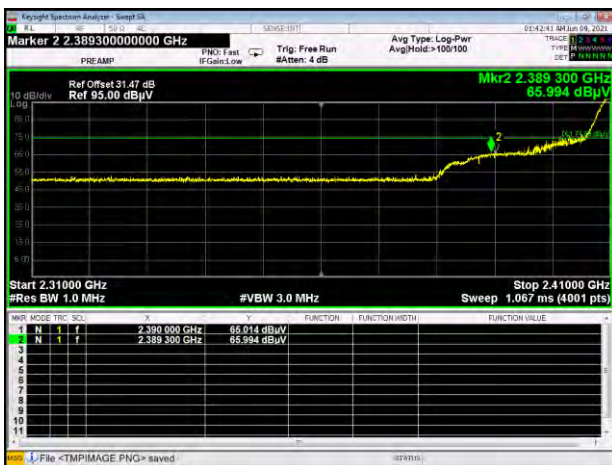
CHANNEL 3, AV



CHANNEL 3, AV



CHANNEL 4, PEAK





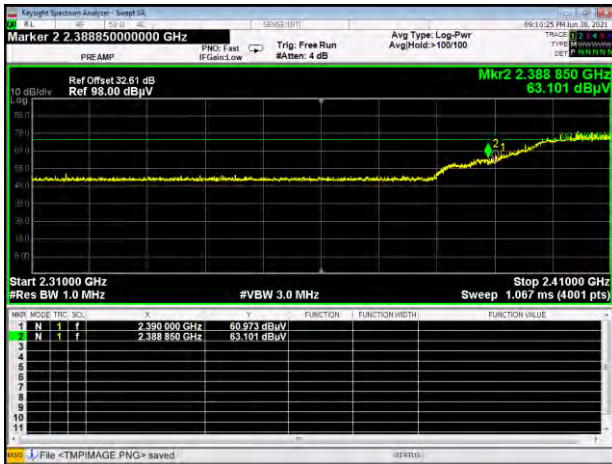
CHANNEL 4, AV



CHANNEL 4, AV



CHANNEL 5, PEAK



CHANNEL 5, AV



CHANNEL 5, AV



CHANNEL 6, PEAK



CHANNEL 6, AV



CHANNEL 6, AV



CHANNEL 7, PEAK





CHANNEL 7, AV



CHANNEL 7, AV



CHANNEL 8, PEAK



CHANNEL 8, AV



CHANNEL 8, AV



CHANNEL 9, PEAK



CHANNEL 9, AV



CHANNEL 9, AV



## A.8 Power Spectral Density (PSD)

### Test Data

#### 802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
1	-18.223	8
6	-14.956	8
11	-17.995	8

#### 802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
1	-18.688	8
6	-18.460	8
11	-22.675	8

#### 802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
1	-19.258	8
6	-18.429	8
11	-22.825	8

#### 802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
3	-24.113	8
6	-22.720	8
9	-26.882	8



## Test plots

802.11b CHANNEL 1



802.11b CHANNEL 6



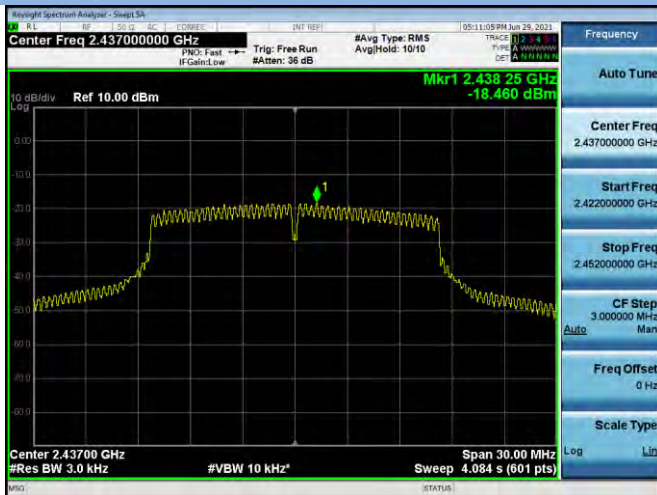
802.11b CHANNEL 11



802.11g CHANNEL 1



802.11g CHANNEL 6



802.11g CHANNEL 11



802.11n-20 MHz CHANNEL 1



802.11 n-20 MHz CHANNEL 6



802.11n-20 MHz CHANNEL 11



802.11n-40 MHz CHANNEL 1



802.11n-40 MHz CHANNEL 6



802.11n-40 MHz CHANNEL 11



## **ANNEX B TEST SETUP PHOTOS**

Please refer the document "BL-SZ2150983-AR.pdf".

## **ANNEX C EUT EXTERNAL PHOTOS**

Please refer the document "BL-SZ2150983-AW.pdf".

## **ANNEX D EUT INTERNAL PHOTOS**

Please refer the document "BL-SZ2150983-AI.pdf".

--END OF REPORT--