

ANNEX A: Test Result

The radiated emission was measured in the following position: EUT stand-up position (Z axis), lie-down position (X, Y axis). The worst emission was found in lie-down position (X axis) and the loop antenna is coplanar, the others are vertical and horizontal. and the worst case was recorded.

1. Unwanted Emission

1.1. Wi-Fi 5GHz

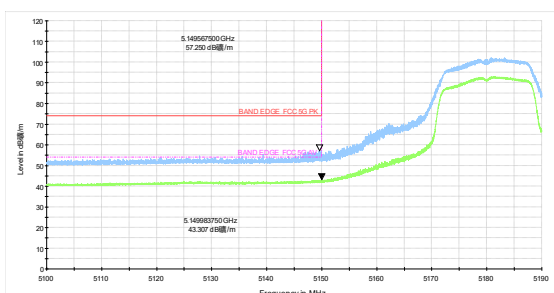
The following graphs display the maximum values of horizontal and vertical by software. Blue trace uses the peak detection, Green trace uses the average detection.

A symbol ($\text{dB}\mu\text{V/m}$) in the test plot below means ($\text{dB}\mu\text{V/m}$)

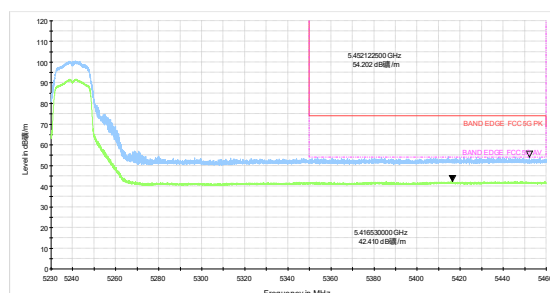
The modulation and bandwidth are similar for 802.11n mode for 20MHz/40MHz and 802.11ac mode for V20MHz/V40MHz, therefore investigated worst case to representative mode in test report.

The signal beyond the limit is carrier.

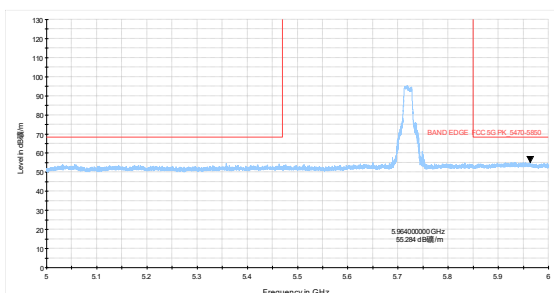
802.11a-Channel 36: Peak + Average



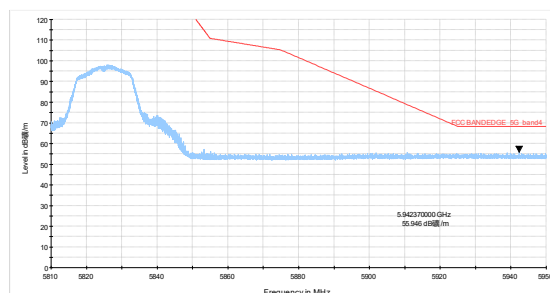
802.11a-Channel 48: Peak + Average



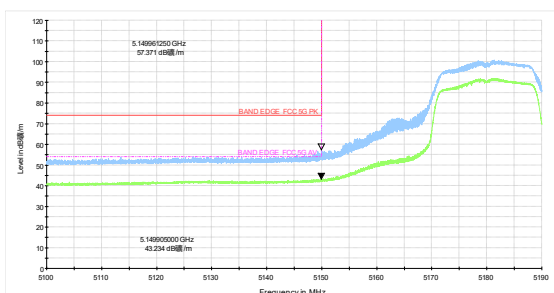
802.11a-Channel 149: Peak



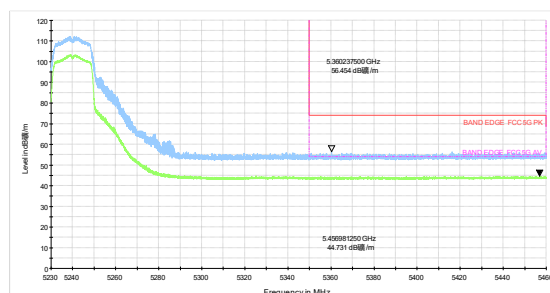
802.11a-Channel 165: Peak



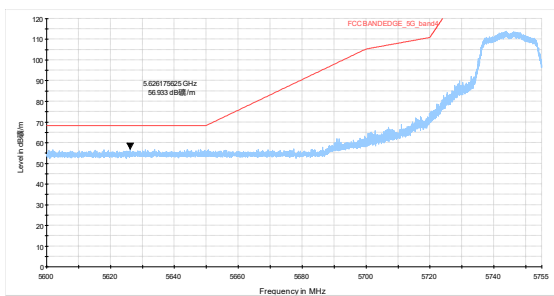
802.11n HT20-Channel 36: Peak + Average



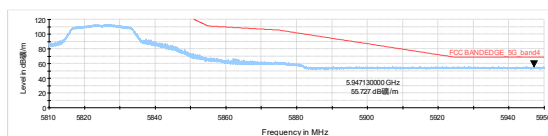
802.11n HT20-Channel 48: Peak + Average



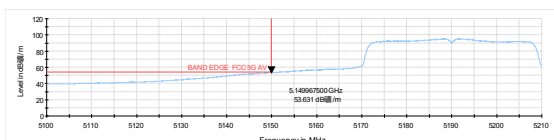
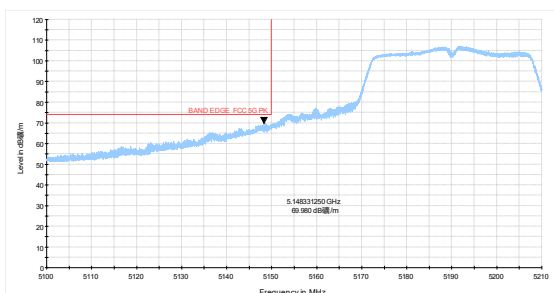
802.11n HT20-Channel 149: Peak



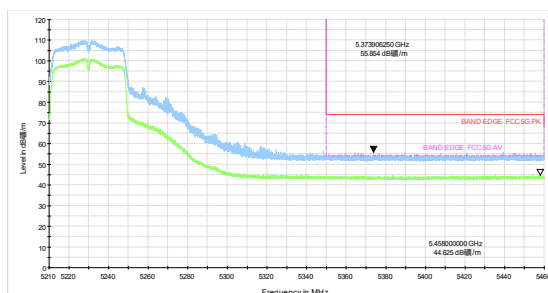
802.11n HT20-Channel 165: Peak



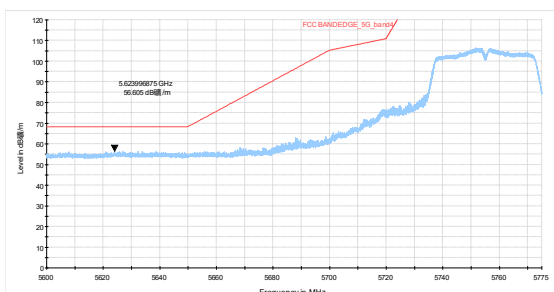
802.11n HT40-Channel 38: Peak + Average



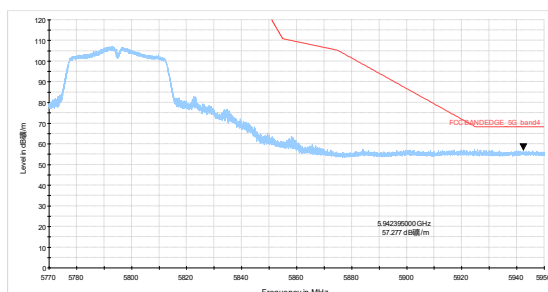
802.11n HT40-Channel 46: Peak + Average



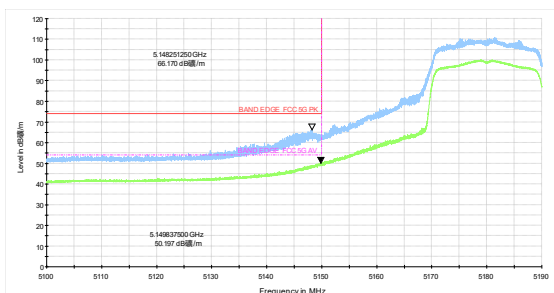
802.11n HT40-Channel 151: Peak



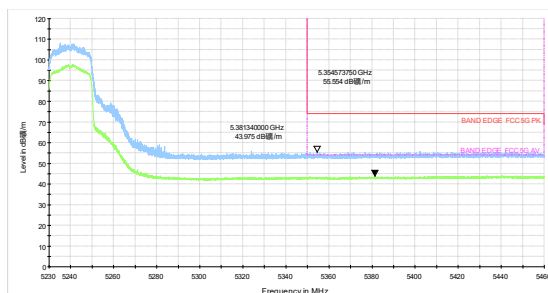
802.11n HT40-Channel 159: Peak



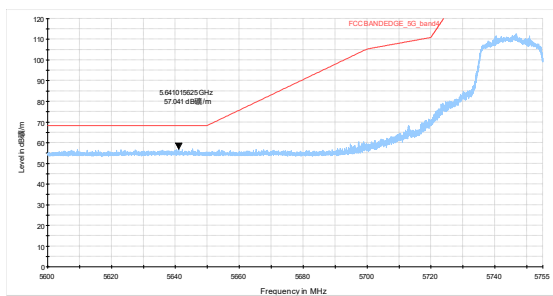
802.11ax HE20 -Channel 36: Peak + Average



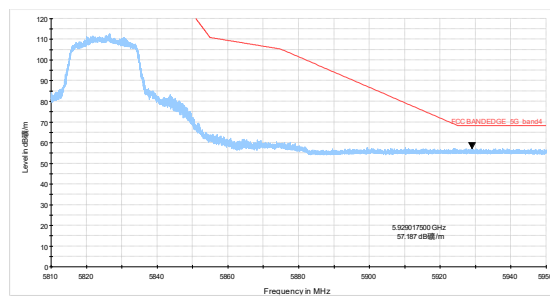
802.11ax HE20 -Channel 48: Peak + Average



802.11ax HE20-Channel 149: Peak



802.11ax HE20-Channel 165: Peak



Result of RE

Sweep the whole frequency band through the range from 9kHz to the 10th harmonic of the carrier.
The Radiates Emission from 18GHz to 40GHz are more than 20dB below the limit are not reported.

Remark:

1. **Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)**
2. **Margin = Limit – Quasi-Peak/ MAX Peak/ Average**
3. **The following graphs display the maximum values of coaxial and coplanar for 9k-30MHz; horizontal and vertical for above 30MHz by software.**
4. **For below 1GHz**

 QP Level @Spectrum Overview H
  QP Level @Spectrum Overview V
  QP Level @Final Results
  QP Limit

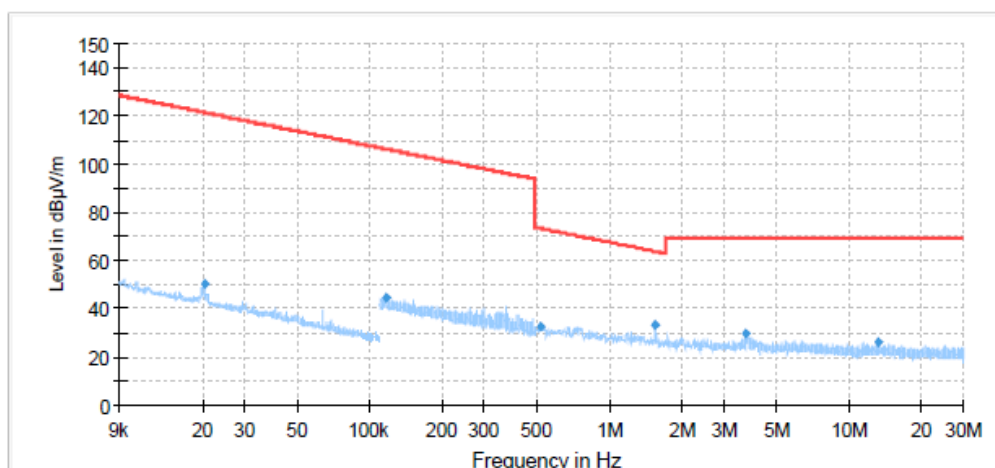
For above 1GHz

 PK Level @Spectrum Overview H
  PK Level @Spectrum Overview V
  PK Level @Final Results
  PK Limit

 AVG Level @Spectrum Overview H
  AVG Level @Spectrum Overview V
  AVG Level @Final Results
  AVG Limit

Continuous TX mode:

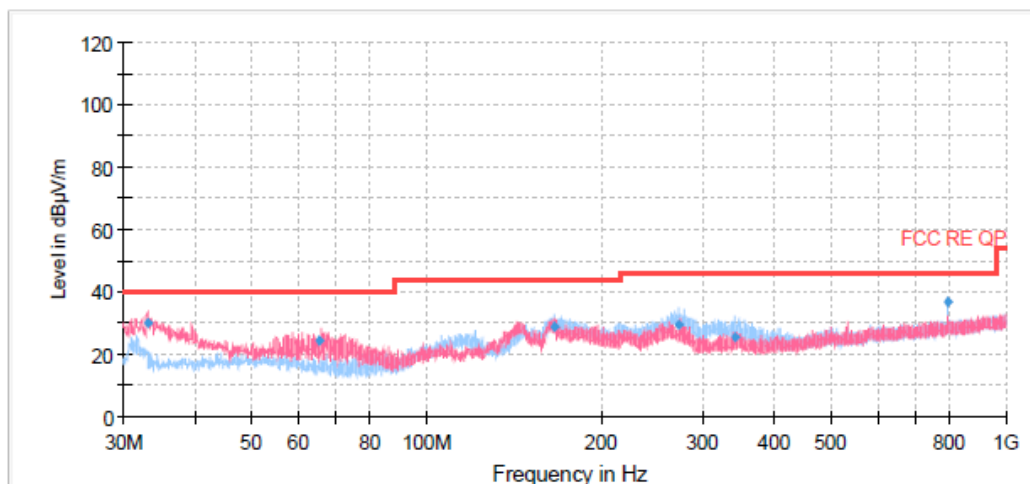
During the test, the Radiates Emission from 9kHz to 1GHz was performed in all modes with all channels. The test data of the worst-case condition was recorded in this report.



Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Azimuth (deg)	Corr. (dB/m)
0.02	50.36	121.44	71.07	500.00	304.00	17
0.12	44.23	106.21	61.98	150.00	264.00	17
0.52	32.47	73.29	40.82	150.00	68.00	17
1.55	32.90	63.78	30.87	150.00	142.00	17
3.70	29.87	69.50	39.63	150.00	344.00	17
13.32	25.94	69.50	43.56	150.00	92.00	17

Radiates Emission from 9kHz to 30MHz

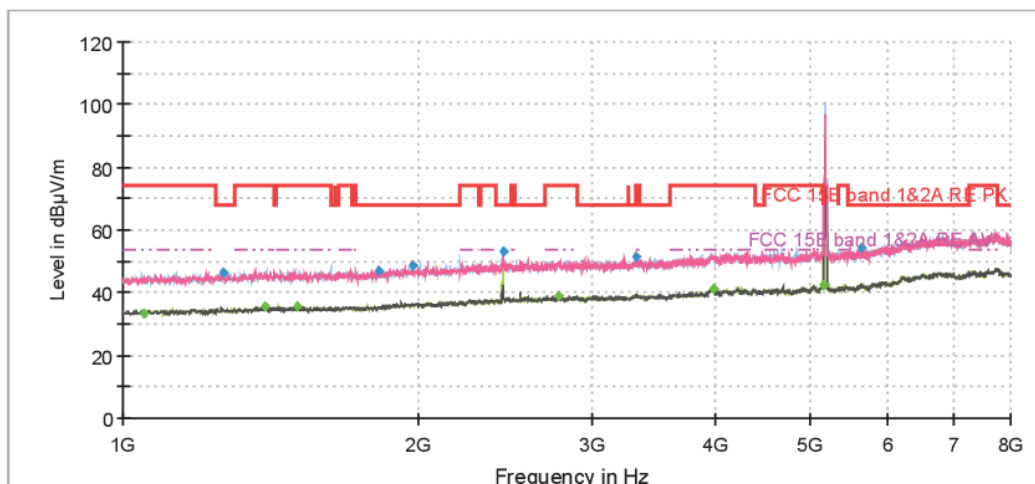


Final Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
32.97	29.75	40.00	10.25	1000.00	100.0	V	0.00	17
65.18	24.40	40.00	15.60	1000.00	175.0	V	328.00	18
166.10	28.65	43.50	14.85	1000.00	225.0	H	188.00	16
272.75	29.16	46.00	16.84	1000.00	100.0	H	258.00	20
340.29	25.73	46.00	20.27	1000.00	100.0	H	246.00	22
791.98	37.06	46.00	8.94	1000.00	109.0	H	117.00	30

Radiates Emission from 30MHz to 1GHz

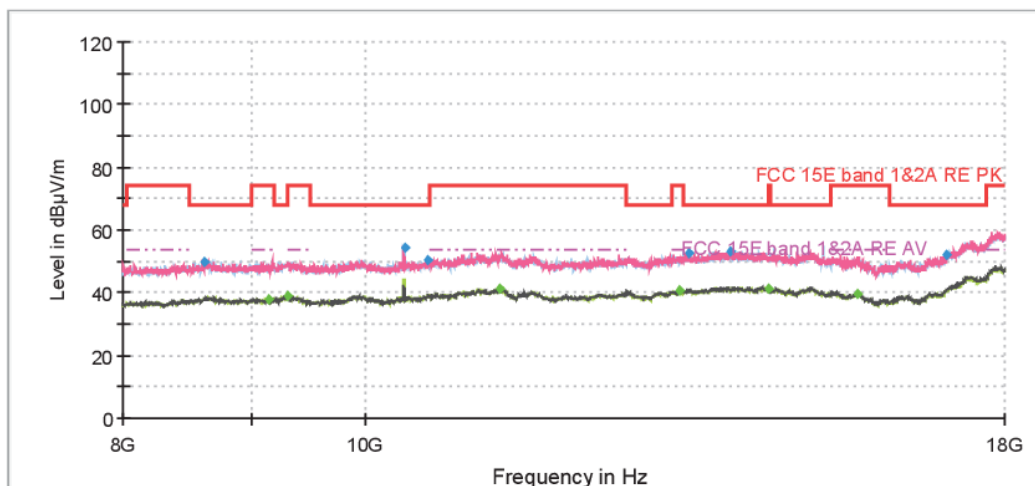
802.11a CH36



Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1049.00	---	33.60	54.00	20.40	500.00	200.0	H	298.00	-6
1264.25	46.63	---	68.20	21.57	500.00	200.0	H	23.00	-5
1396.38	---	35.44	54.00	18.56	500.00	100.0	H	268.00	-4
1501.38	---	35.70	54.00	18.30	500.00	100.0	H	348.00	-4
1817.25	46.79	---	68.20	21.41	500.00	100.0	V	156.00	-3
1969.50	48.69	---	68.20	19.51	500.00	200.0	H	0.00	-2
2437.63	53.20	---	68.20	15.00	500.00	200.0	H	57.00	0
2768.38	---	38.89	54.00	15.11	500.00	100.0	V	64.00	1
3330.13	51.34	---	68.20	16.86	500.00	200.0	V	313.00	3
3982.88	---	41.34	54.00	12.66	500.00	200.0	V	0.00	6
5148.38	---	42.56	54.00	11.44	500.00	200.0	V	359.00	8
5627.00	54.44	---	68.20	13.76	500.00	100.0	H	28.00	9

Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz

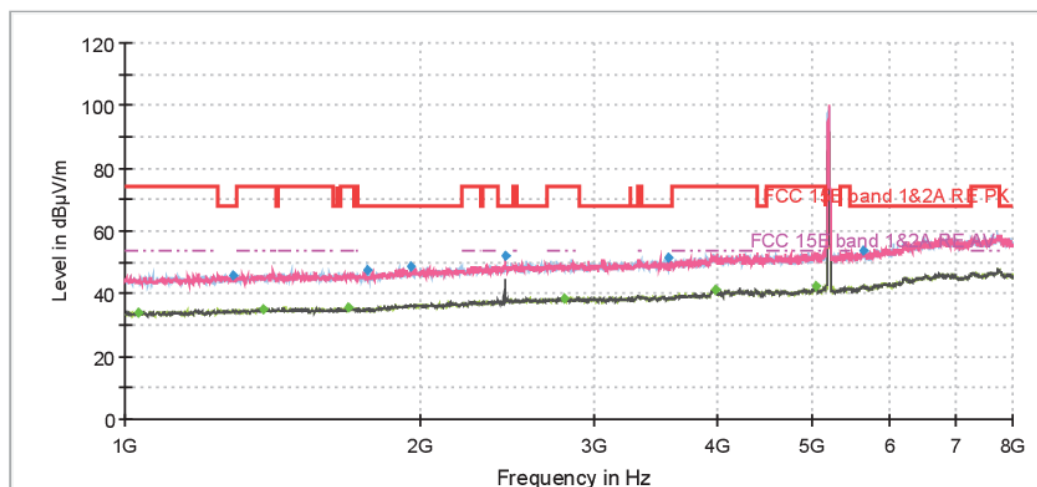


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8625.00	50.08	---	68.20	18.12	500.00	100.0	V	0.00	4
9152.50	---	38.09	54.00	15.91	500.00	200.0	H	21.00	5
9300.00	---	38.92	54.00	15.08	500.00	200.0	V	313.00	6
10361.25	54.54	---	68.20	13.66	500.00	200.0	H	0.00	5
10586.25	50.11	---	68.20	18.09	500.00	200.0	V	306.00	6
11306.25	---	41.47	54.00	12.53	500.00	100.0	V	1.00	7
13336.25	---	40.70	54.00	13.30	500.00	100.0	V	295.00	8
13470.00	52.77	---	68.20	15.43	500.00	100.0	V	77.00	8
13978.75	53.35	---	68.20	14.85	500.00	100.0	V	130.00	9
14480.00	---	41.21	54.00	12.79	500.00	100.0	V	340.00	8
15703.75	---	39.47	54.00	14.53	500.00	200.0	V	306.00	6
17043.75	52.07	---	68.20	16.13	500.00	100.0	V	48.00	9

Radiates Emission from 8GHz to 18GHz

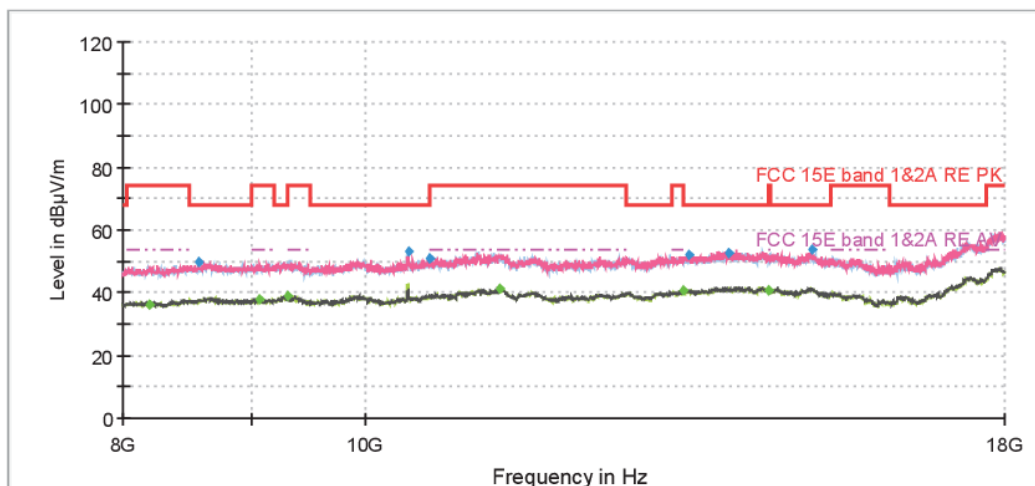
802.11a CH40



Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1031.50	---	33.72	54.00	20.28	500.00	100.0	H	352.00	-6
1287.00	45.82	---	68.20	22.38	500.00	100.0	V	129.00	-5
1379.75	---	35.30	54.00	18.70	500.00	200.0	V	149.00	-4
1689.50	---	35.70	54.00	18.30	500.00	200.0	V	184.00	-3
1767.38	47.56	---	68.20	20.64	500.00	200.0	H	18.00	-3
1954.63	48.48	---	68.20	19.72	500.00	100.0	V	286.00	-2
2435.00	52.22	---	68.20	15.98	500.00	200.0	V	307.00	0
2792.00	---	38.66	54.00	15.34	500.00	100.0	H	344.00	1
3562.88	51.24	---	68.20	16.96	500.00	200.0	V	0.00	3
3981.13	---	41.29	54.00	12.71	500.00	200.0	H	3.00	6
5034.63	---	42.27	54.00	11.73	500.00	100.0	V	170.00	8
5638.38	53.88	---	68.20	14.32	500.00	100.0	V	1.00	8

Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz

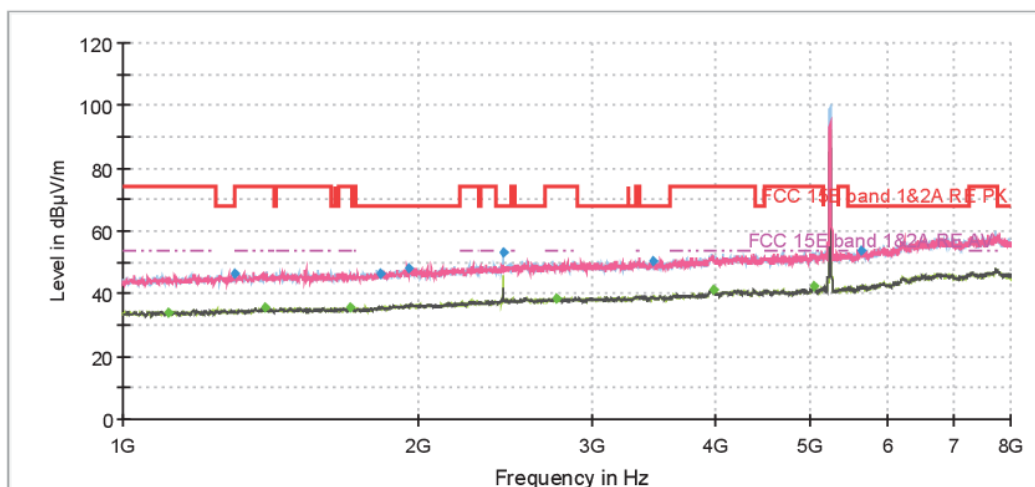


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8201.25	---	36.19	54.00	17.81	500.00	100.0	H	110.00	2
8582.50	49.76	---	68.20	18.44	500.00	200.0	H	52.00	4
9061.25	---	38.07	54.00	15.93	500.00	100.0	H	67.00	5
9301.25	---	38.99	54.00	15.01	500.00	100.0	V	45.00	6
10398.75	53.16	---	68.20	15.04	500.00	100.0	H	6.00	5
10597.50	50.69	---	68.20	17.51	500.00	200.0	V	293.00	6
11311.25	---	41.34	54.00	12.66	500.00	200.0	V	354.00	7
13392.50	---	40.71	54.00	13.29	500.00	100.0	V	0.00	8
13451.25	52.21	---	68.20	15.99	500.00	200.0	H	144.00	8
13958.75	52.92	---	68.20	15.28	500.00	200.0	H	238.00	9
14476.25	---	40.84	54.00	13.16	500.00	100.0	V	0.00	8
15071.25	53.55	---	68.20	14.65	500.00	200.0	V	0.00	8

Radiates Emission from 8GHz to 18GHz

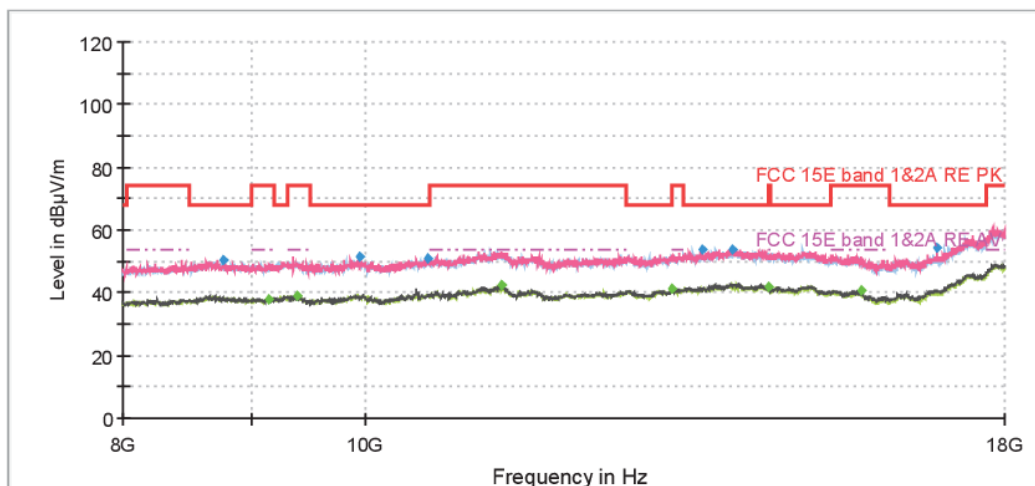
802.11a CH48



Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1114.63	---	33.98	54.00	20.02	500.00	200.0	H	252.00	-6
1297.50	46.34	---	68.20	21.86	500.00	100.0	V	203.00	-5
1396.38	---	35.44	54.00	18.56	500.00	200.0	V	85.00	-4
1702.63	---	35.64	54.00	18.36	500.00	200.0	V	40.00	-3
1826.00	46.54	---	68.20	21.66	500.00	200.0	H	252.00	-3
1953.75	48.25	---	68.20	19.95	500.00	200.0	V	242.00	-2
2435.00	52.93	---	68.20	15.27	500.00	200.0	H	348.00	0
2761.38	---	38.63	54.00	15.37	500.00	200.0	V	348.00	1
3460.50	50.58	---	68.20	17.62	500.00	200.0	H	96.00	3
3982.00	---	41.36	54.00	12.64	500.00	100.0	V	64.00	6
5040.75	---	42.42	54.00	11.58	500.00	100.0	V	140.00	8
5646.25	54.01	---	68.20	14.19	500.00	200.0	V	357.00	8

Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz

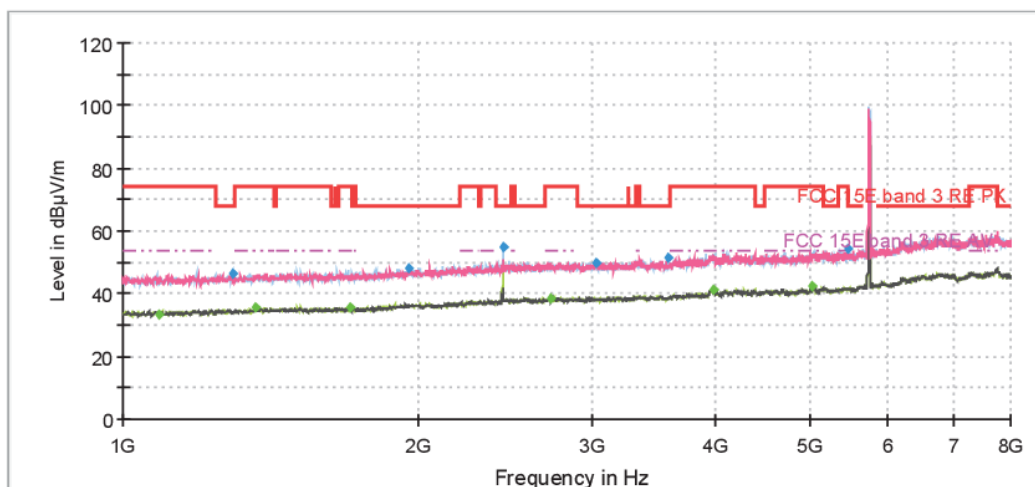


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8773.75	50.16	---	68.20	18.04	500.00	100.0	H	355.00	4
9147.50	---	38.10	54.00	15.90	500.00	200.0	V	332.00	5
9382.50	---	38.87	54.00	15.13	500.00	100.0	V	96.00	6
9951.25	51.49	---	68.20	16.71	500.00	200.0	V	226.00	5
10587.50	50.70	---	68.20	17.50	500.00	200.0	H	64.00	6
11333.75	---	42.34	54.00	11.66	500.00	100.0	V	32.00	7
13262.50	---	41.17	54.00	12.83	500.00	100.0	V	96.00	8
13635.00	53.50	---	68.20	14.70	500.00	100.0	V	340.00	8
14005.00	53.93	---	68.20	14.27	500.00	100.0	V	145.00	9
14473.75	---	41.75	54.00	12.25	500.00	200.0	H	354.00	8
15775.00	---	40.47	54.00	13.53	500.00	100.0	V	325.00	6
16902.50	54.42	---	68.20	13.78	500.00	100.0	V	0.00	9

Radiates Emission from 8GHz to 18GHz

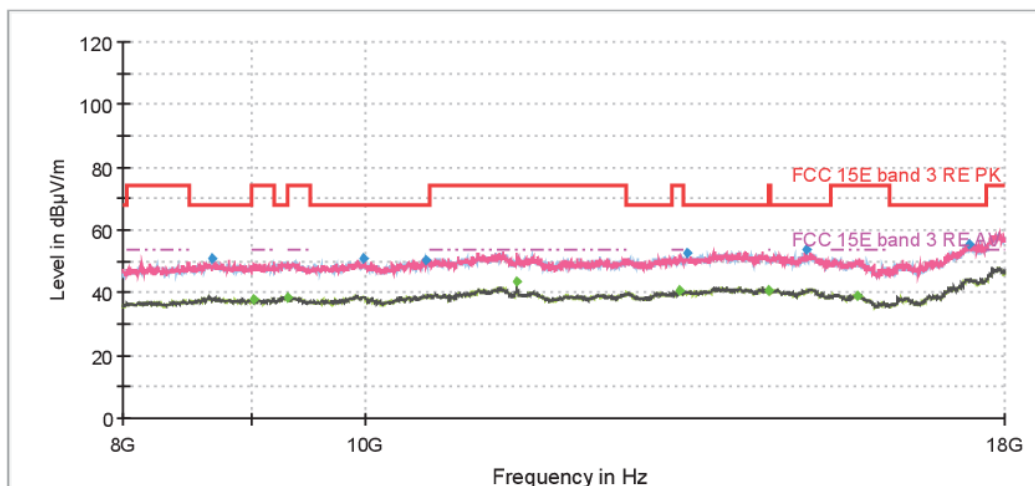
802.11a CH149



Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1087.50	---	33.39	54.00	20.61	500.00	100.0	H	337.00	-6
1290.50	46.33	---	68.20	21.87	500.00	200.0	H	116.00	-5
1363.13	---	35.56	54.00	18.44	500.00	100.0	H	351.00	-4
1702.63	---	35.87	54.00	18.13	500.00	100.0	V	19.00	-3
1950.25	48.06	---	68.20	20.14	500.00	200.0	H	16.00	-2
2435.88	54.67	---	68.20	13.53	500.00	200.0	H	95.00	0
2727.25	---	38.77	54.00	15.23	500.00	200.0	V	192.00	1
3030.00	49.78	---	68.20	18.42	500.00	100.0	H	152.00	2
3590.00	51.28	---	68.20	16.92	500.00	100.0	H	357.00	3
3981.13	---	41.30	54.00	12.70	500.00	100.0	H	180.00	6
5019.75	---	42.23	54.00	11.77	500.00	200.0	H	253.00	8
5473.00	54.37	---	68.20	13.83	500.00	100.0	H	216.00	8

Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz

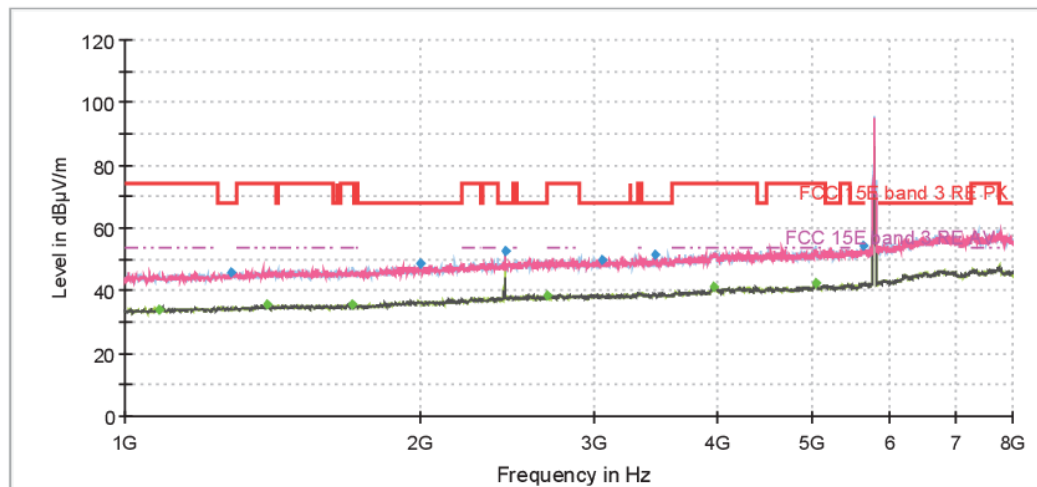


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8682.50	50.70	---	68.20	17.50	500.00	200.0	H	0.00	5
9018.75	---	38.04	54.00	15.96	500.00	100.0	H	279.00	5
9305.00	---	38.69	54.00	15.31	500.00	200.0	V	81.00	6
9976.25	51.21	---	68.20	16.99	500.00	100.0	V	155.00	5
10577.50	50.58	---	68.20	17.62	500.00	100.0	H	322.00	6
11492.50	---	43.42	54.00	10.58	500.00	100.0	V	69.00	7
13335.00	---	40.57	54.00	13.43	500.00	100.0	H	358.00	8
13428.75	52.61	---	68.20	15.59	500.00	100.0	V	176.00	8
14483.75	---	40.76	54.00	13.24	500.00	200.0	H	332.00	8
14998.75	53.61	---	68.20	14.59	500.00	200.0	H	347.00	8
15720.00	---	38.96	54.00	15.04	500.00	200.0	H	18.00	6
17400.00	55.75	---	68.20	12.45	500.00	100.0	V	55.00	13

Radiates Emission from 8GHz to 18GHz

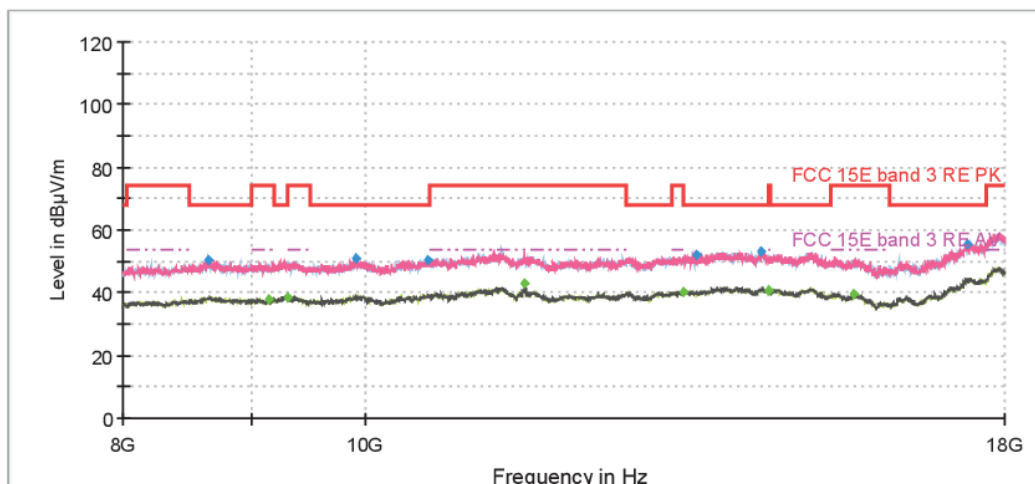
802.11a CH157



Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1082.25	---	34.05	54.00	19.95	500.00	200.0	V	243.00	-6
1280.88	45.90	---	68.20	22.30	500.00	100.0	H	261.00	-5
1395.50	---	35.51	54.00	18.49	500.00	100.0	H	207.00	-4
1703.50	---	35.60	54.00	18.40	500.00	100.0	V	2.00	-3
1995.75	48.40	---	68.20	19.80	500.00	200.0	V	270.00	-2
2436.75	52.88	---	68.20	15.32	500.00	200.0	H	330.00	0
2693.13	---	38.44	54.00	15.56	500.00	200.0	V	355.00	1
3054.50	49.63	---	68.20	18.57	500.00	100.0	V	57.00	2
3457.00	51.67	---	68.20	16.53	500.00	200.0	V	355.00	3
3968.88	---	41.27	54.00	12.73	500.00	200.0	V	182.00	6
5054.75	---	42.24	54.00	11.76	500.00	100.0	H	282.00	8
5634.88	54.48	---	68.20	13.72	500.00	100.0	V	178.00	8

Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz

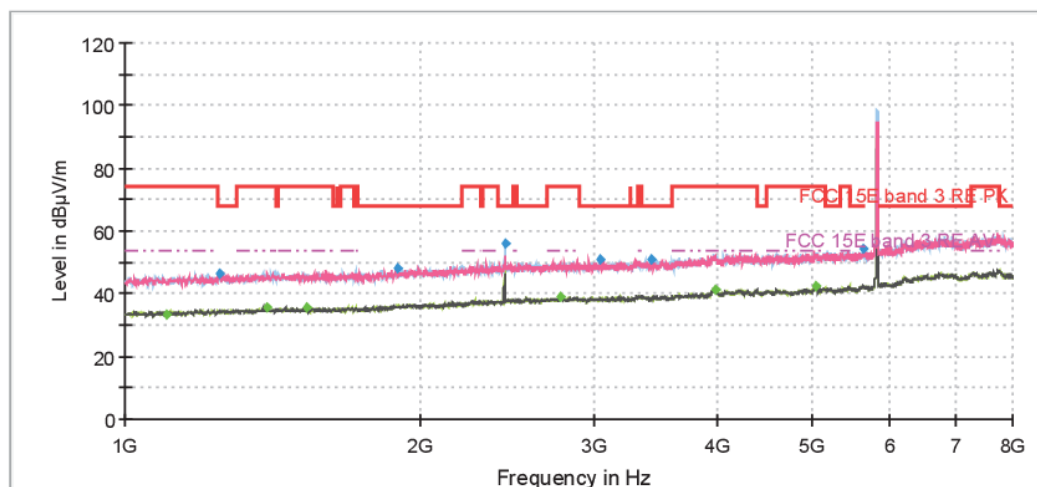


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8658.75	50.65	---	68.20	17.55	500.00	200.0	H	158.00	4
9153.75	---	38.09	54.00	15.91	500.00	100.0	H	230.00	5
9306.25	---	38.77	54.00	15.23	500.00	100.0	H	316.00	6
9915.00	50.95	---	68.20	17.25	500.00	200.0	V	176.00	5
10586.25	50.36	---	68.20	17.84	500.00	200.0	H	237.00	6
11571.25	---	42.95	54.00	11.05	500.00	100.0	V	73.00	7
13390.00	---	40.30	54.00	13.70	500.00	100.0	V	131.00	8
13546.25	52.20	---	68.20	16.00	500.00	100.0	V	8.00	8
14383.75	53.32	---	68.20	14.88	500.00	200.0	H	87.00	9
14478.75	---	40.52	54.00	13.48	500.00	100.0	H	294.00	8
15671.25	---	39.60	54.00	14.40	500.00	200.0	H	136.00	6
17383.75	55.64	---	68.20	12.56	500.00	100.0	V	1.00	13

Radiates Emission from 8GHz to 18GHz

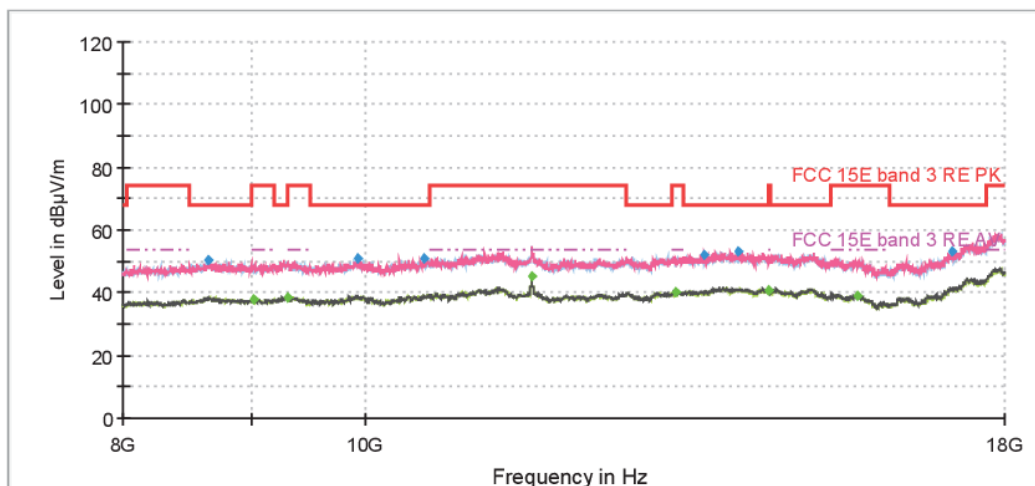
802.11a CH165



Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1101.50	---	33.37	54.00	20.63	500.00	200.0	H	1.00	-6
1245.88	46.22	---	68.20	21.98	500.00	100.0	V	170.00	-5
1397.25	---	35.54	54.00	18.46	500.00	100.0	V	14.00	-4
1531.13	---	35.73	54.00	18.27	500.00	100.0	H	336.00	-4
1892.50	48.09	---	68.20	20.11	500.00	200.0	H	24.00	-2
2435.00	55.91	---	68.20	12.29	500.00	200.0	H	71.00	0
2777.13	---	38.88	54.00	15.12	500.00	200.0	H	92.00	2
3038.75	50.79	---	68.20	17.41	500.00	100.0	V	355.00	2
3427.25	50.97	---	68.20	17.23	500.00	200.0	V	103.00	2
3980.25	---	41.42	54.00	12.58	500.00	100.0	H	68.00	6
5040.75	---	42.34	54.00	11.66	500.00	100.0	V	136.00	8
5632.25	54.29	---	68.20	13.91	500.00	100.0	H	342.00	9

Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz

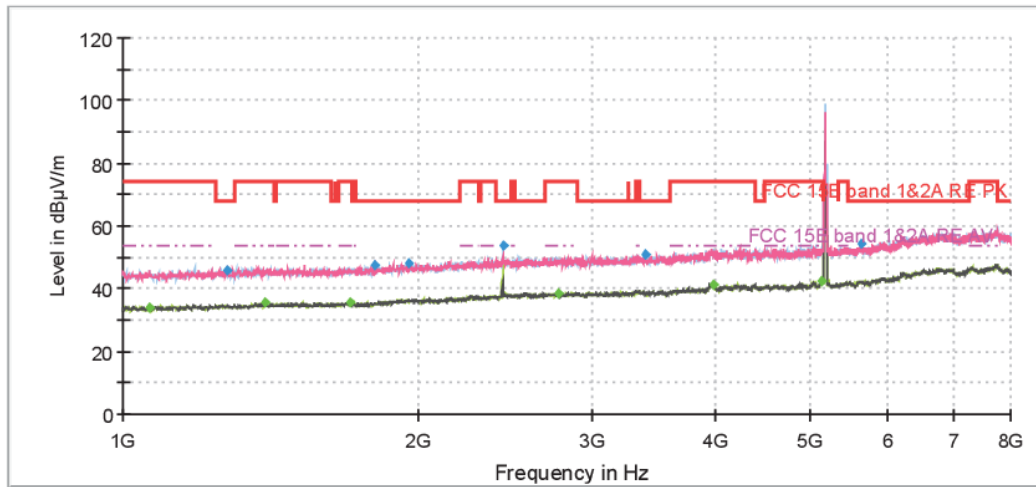


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8651.25	50.32	---	68.20	17.88	500.00	100.0	H	351.00	4
9022.50	---	37.93	54.00	16.07	500.00	100.0	H	100.00	5
9301.25	---	38.77	54.00	15.23	500.00	200.0	V	181.00	6
9925.00	50.87	---	68.20	17.33	500.00	200.0	H	31.00	5
10548.75	51.15	---	68.20	17.05	500.00	200.0	H	0.00	6
11652.50	---	45.07	54.00	8.93	500.00	100.0	H	314.00	7
13298.75	---	40.41	54.00	13.59	500.00	100.0	V	101.00	8
13660.00	51.94	---	68.20	16.26	500.00	100.0	V	296.00	8
14078.75	53.22	---	68.20	14.98	500.00	100.0	V	12.00	9
14482.50	---	40.77	54.00	13.23	500.00	100.0	V	174.00	8
15708.75	---	39.21	54.00	14.79	500.00	200.0	V	0.00	6
17136.25	53.15	---	68.20	15.05	500.00	100.0	H	207.00	10

Radiates Emission from 8GHz to 18GHz

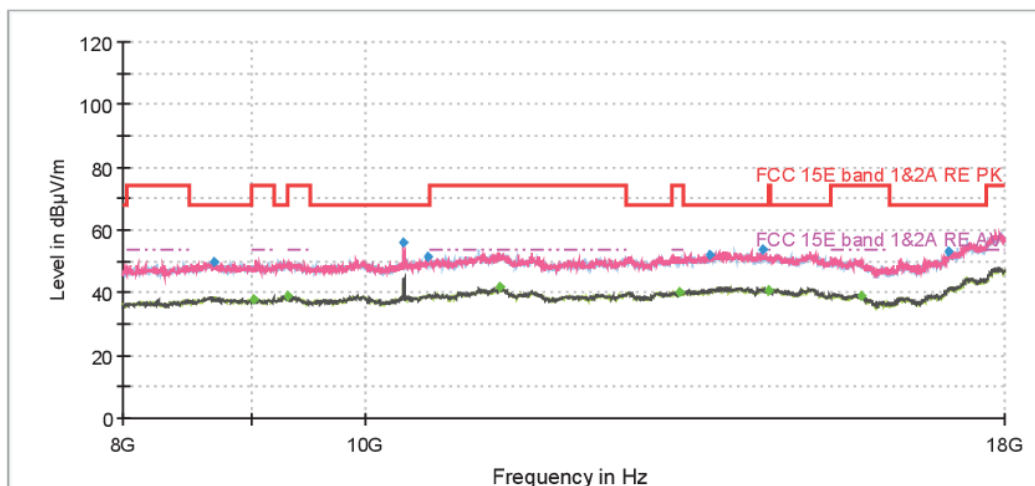
802.11n (HT20) CH36



Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1063.00	---	34.16	54.00	19.84	500.00	100.0	H	0.00	-6
1273.88	45.91	---	68.20	22.29	500.00	100.0	V	95.00	-5
1396.38	---	35.44	54.00	18.56	500.00	200.0	H	31.00	-4
1704.38	---	35.68	54.00	18.32	500.00	100.0	H	1.00	-3
1799.75	47.40	---	68.20	20.80	500.00	200.0	V	271.00	-3
1955.50	48.12	---	68.20	20.08	500.00	200.0	V	340.00	-2
2435.88	54.00	---	68.20	14.20	500.00	200.0	H	348.00	0
2778.00	---	38.75	54.00	15.25	500.00	200.0	V	0.00	2
3394.88	50.76	---	68.20	17.44	500.00	200.0	H	1.00	3
3981.13	---	41.33	54.00	12.67	500.00	200.0	H	250.00	6
5125.63	---	42.43	54.00	11.57	500.00	200.0	V	37.00	8
5640.13	54.22	---	68.20	13.98	500.00	200.0	H	0.00	8

Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz

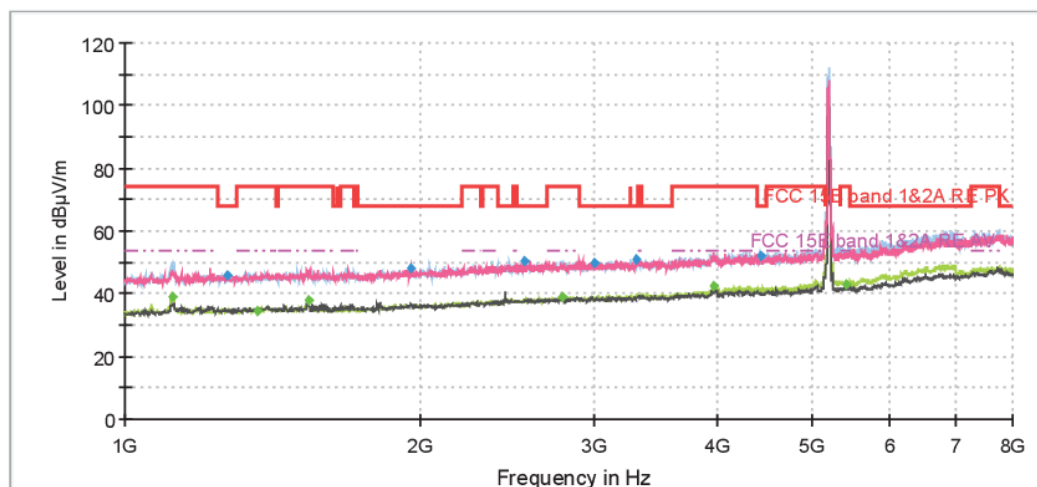


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8693.75	50.09	---	68.20	18.11	500.00	200.0	H	228.00	5
9018.75	---	38.02	54.00	15.98	500.00	100.0	H	320.00	5
9302.50	---	38.93	54.00	15.07	500.00	100.0	H	353.00	6
10357.50	56.29	---	68.20	11.91	500.00	100.0	V	82.00	5
10585.00	51.58	---	68.20	16.62	500.00	200.0	H	0.00	6
11312.50	---	41.66	54.00	12.34	500.00	200.0	V	99.00	7
13333.75	---	40.32	54.00	13.68	500.00	100.0	V	27.00	8
13720.00	52.25	---	68.20	15.95	500.00	200.0	V	330.00	8
14397.50	53.76	---	68.20	14.44	500.00	200.0	H	115.00	9
14482.50	---	40.61	54.00	13.39	500.00	100.0	V	41.00	8
15761.25	---	39.00	54.00	15.00	500.00	200.0	H	250.00	6
17072.50	53.05	---	68.20	15.15	500.00	200.0	V	0.00	9

Radiates Emission from 8GHz to 18GHz

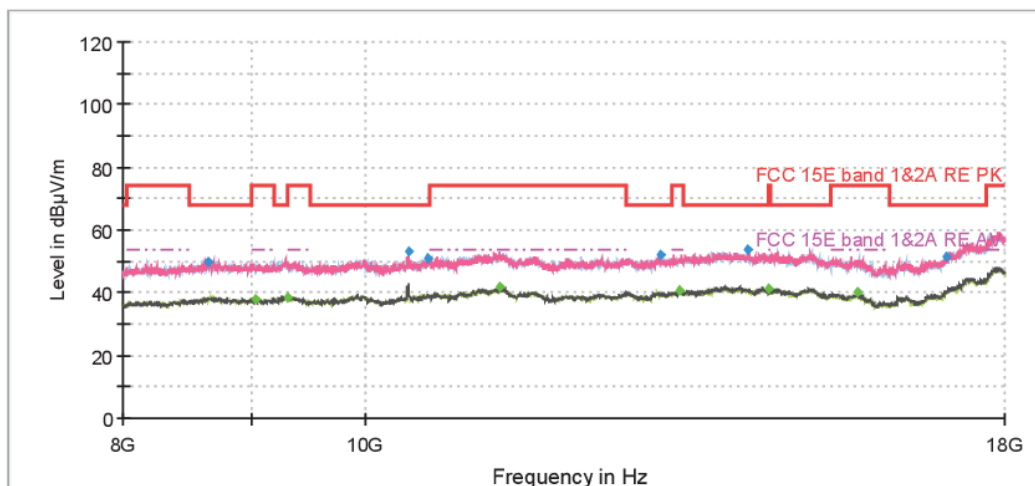
802.11n (HT20) CH40



Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1118.13	---	38.91	54.00	15.09	500.00	200.0	H	133.00	-6
1273.00	45.97	---	68.20	22.23	500.00	200.0	V	326.00	-5
1364.00	---	34.78	54.00	19.22	500.00	200.0	H	5.00	-4
1535.50	---	37.68	54.00	16.32	500.00	100.0	V	0.00	-4
1949.38	47.96	---	68.20	20.24	500.00	200.0	V	212.00	-2
2550.50	50.26	---	68.20	17.94	500.00	200.0	H	0.00	1
2790.25	---	38.88	54.00	15.12	500.00	200.0	H	0.00	1
3009.00	49.82	---	68.20	18.38	500.00	100.0	H	0.00	2
3305.63	50.99	---	68.20	17.21	500.00	200.0	H	0.00	3
3975.88	---	42.37	54.00	11.63	500.00	200.0	H	0.00	6
4441.38	51.80	---	68.20	16.40	500.00	200.0	H	3.00	5
5416.13	---	43.13	54.00	10.87	500.00	200.0	H	5.00	8

Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz

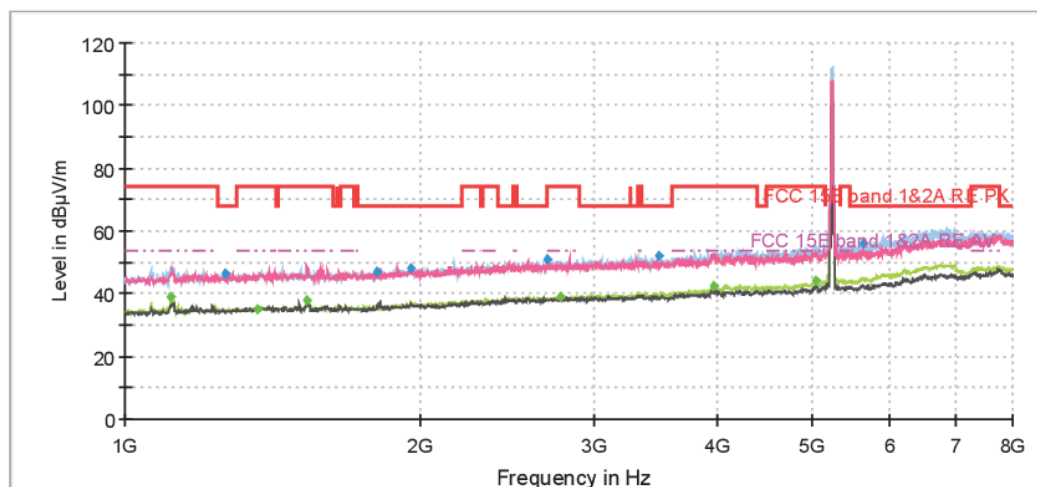


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8656.25	49.72	---	68.20	18.48	500.00	100.0	H	178.00	4
9031.25	---	38.06	54.00	15.94	500.00	200.0	H	19.00	5
9300.00	---	38.62	54.00	15.38	500.00	200.0	V	359.00	6
10405.00	53.32	---	68.20	14.88	500.00	100.0	V	82.00	5
10595.00	50.79	---	68.20	17.41	500.00	200.0	H	33.00	6
11311.25	---	41.70	54.00	12.30	500.00	100.0	H	49.00	7
13116.25	52.12	---	68.20	16.08	500.00	100.0	H	78.00	8
13350.00	---	40.53	54.00	13.47	500.00	100.0	H	356.00	8
14201.25	53.50	---	68.20	14.70	500.00	100.0	H	114.00	9
14477.50	---	41.06	54.00	12.94	500.00	100.0	V	67.00	8
15722.50	---	40.05	54.00	13.95	500.00	100.0	V	2.00	6
17060.00	51.43	---	68.20	16.77	500.00	200.0	H	33.00	9

Radiates Emission from 8GHz to 18GHz

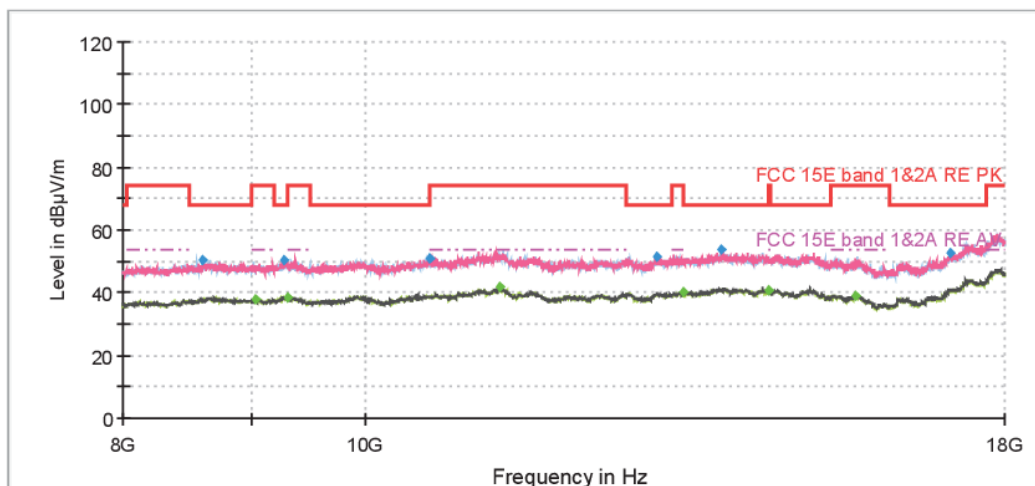
802.11n (HT20) CH48



Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1112.00	---	38.90	54.00	15.10	500.00	200.0	H	136.00	-6
1265.13	46.61	---	68.20	21.59	500.00	200.0	H	85.00	-5
1363.13	---	35.20	54.00	18.80	500.00	200.0	H	52.00	-4
1533.75	---	37.69	54.00	16.31	500.00	200.0	H	58.00	-4
1805.88	46.72	---	68.20	21.48	500.00	200.0	H	136.00	-3
1953.75	48.17	---	68.20	20.03	500.00	100.0	V	105.00	-2
2688.75	50.80	---	68.20	17.40	500.00	200.0	H	2.00	1
2770.13	---	39.19	54.00	14.81	500.00	200.0	H	177.00	2
3488.50	51.79	---	68.20	16.41	500.00	200.0	H	2.00	3
3971.50	---	42.51	54.00	11.49	500.00	200.0	H	246.00	6
5053.88	---	44.42	54.00	9.58	500.00	200.0	H	0.00	8
5632.25	55.94	---	68.20	12.26	500.00	200.0	H	64.00	9

Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz

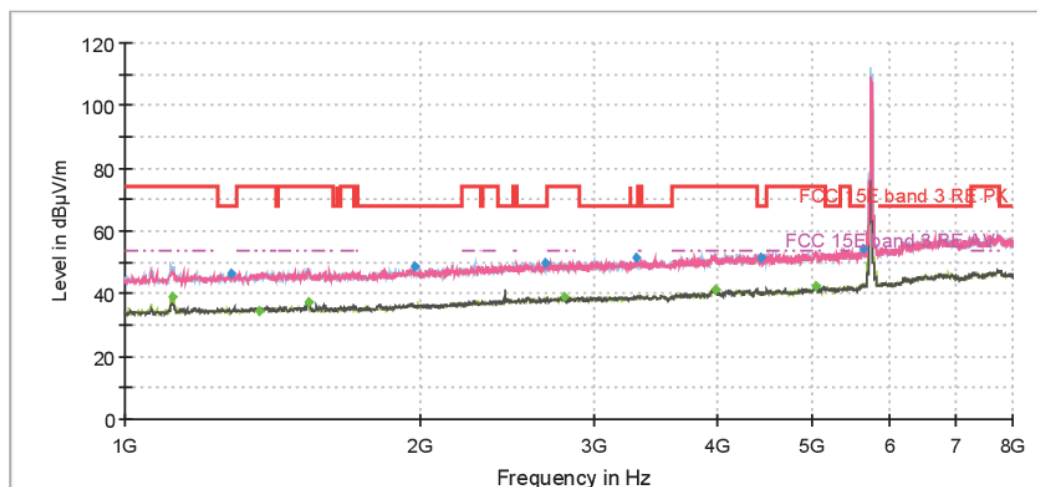


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8612.50	50.20	---	68.20	18.00	500.00	200.0	H	3.00	4
9033.75	---	37.90	54.00	16.10	500.00	200.0	H	6.00	5
9268.75	50.10	---	68.20	18.10	500.00	100.0	H	359.00	6
9300.00	---	38.67	54.00	15.33	500.00	200.0	V	356.00	6
10597.50	50.74	---	68.20	17.46	500.00	200.0	H	253.00	6
11312.50	---	41.61	54.00	12.39	500.00	200.0	H	0.00	7
13072.50	51.55	---	68.20	16.65	500.00	100.0	H	122.00	8
13392.50	---	40.31	54.00	13.69	500.00	100.0	V	0.00	8
13866.25	53.99	---	68.20	14.21	500.00	100.0	V	41.00	9
14481.25	---	40.87	54.00	13.13	500.00	100.0	V	171.00	8
15692.50	---	39.01	54.00	14.99	500.00	100.0	V	302.00	6
17120.00	52.47	---	68.20	15.73	500.00	100.0	V	6.00	10

Radiates Emission from 8GHz to 18GHz

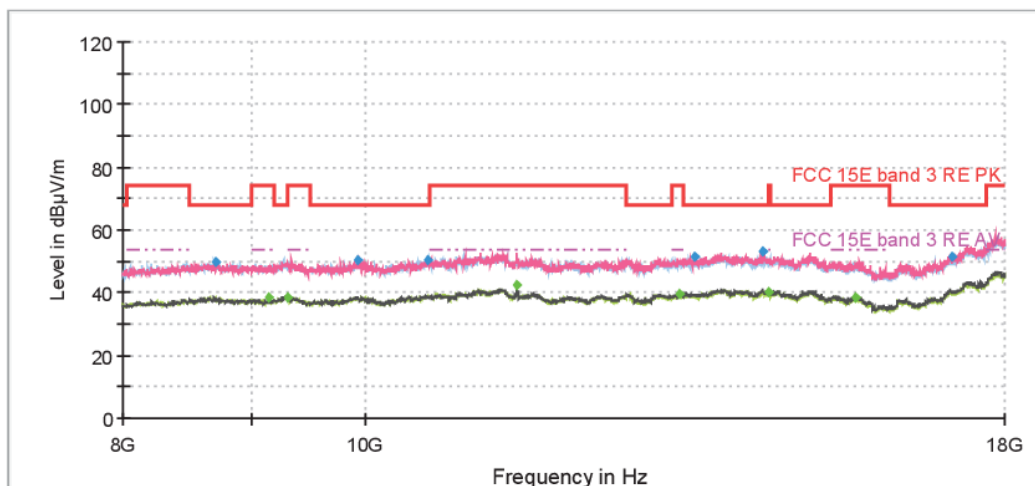
802.11n (HT20) CH149



Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1117.25	---	39.07	54.00	14.93	500.00	200.0	H	130.00	-6
1280.00	46.61	---	68.20	21.59	500.00	200.0	V	242.00	-5
1369.25	---	34.77	54.00	19.23	500.00	100.0	H	127.00	-4
1534.63	---	37.59	54.00	16.41	500.00	200.0	H	61.00	-4
1966.88	48.46	---	68.20	19.74	500.00	200.0	V	139.00	-2
2680.88	50.06	---	68.20	18.14	500.00	200.0	H	0.00	1
2796.38	---	38.96	54.00	15.04	500.00	200.0	V	132.00	1
3311.75	51.28	---	68.20	16.92	500.00	100.0	H	161.00	3
3989.88	---	41.49	54.00	12.51	500.00	200.0	H	338.00	5
4439.63	51.53	---	68.20	16.67	500.00	200.0	H	338.00	5
5037.25	---	42.54	54.00	11.46	500.00	200.0	H	316.00	8
5641.88	54.44	---	68.20	13.76	500.00	100.0	V	358.00	8

Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz

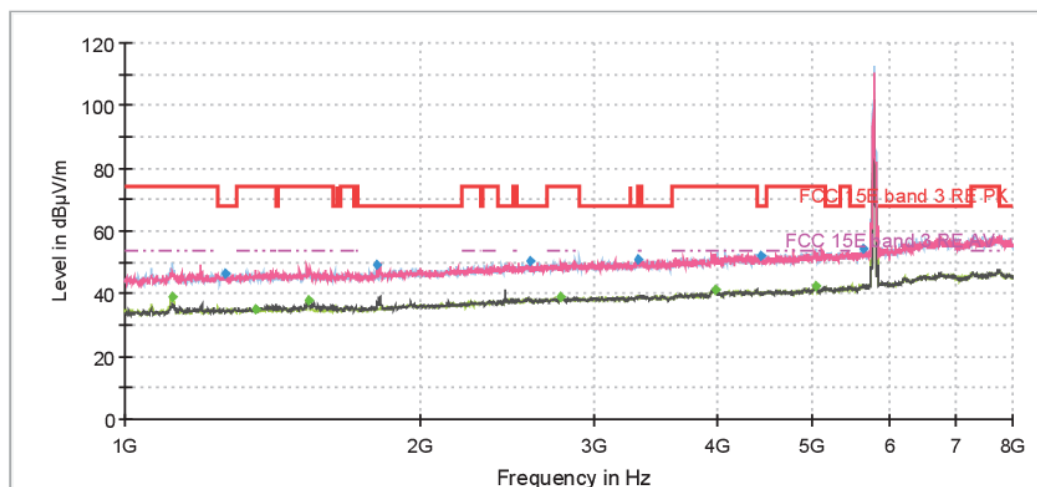


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8715.00	50.01	---	68.20	18.19	500.00	200.0	H	193.00	5
9150.00	---	38.30	54.00	15.70	500.00	100.0	H	40.00	5
9307.50	---	38.66	54.00	15.34	500.00	100.0	V	359.00	6
9922.50	50.29	---	68.20	17.91	500.00	200.0	V	114.00	5
10586.25	50.65	---	68.20	17.55	500.00	200.0	H	179.00	6
11490.00	---	42.48	54.00	11.52	500.00	100.0	V	59.00	7
13336.25	---	39.62	54.00	14.38	500.00	200.0	V	0.00	8
13531.25	51.59	---	68.20	16.61	500.00	200.0	V	162.00	8
14403.75	53.38	---	68.20	14.82	500.00	200.0	V	288.00	9
14475.00	---	39.96	54.00	14.04	500.00	100.0	V	116.00	8
15695.00	---	38.66	54.00	15.34	500.00	100.0	V	167.00	6
17137.50	51.36	---	68.20	16.84	500.00	200.0	V	274.00	10

Radiates Emission from 8GHz to 18GHz

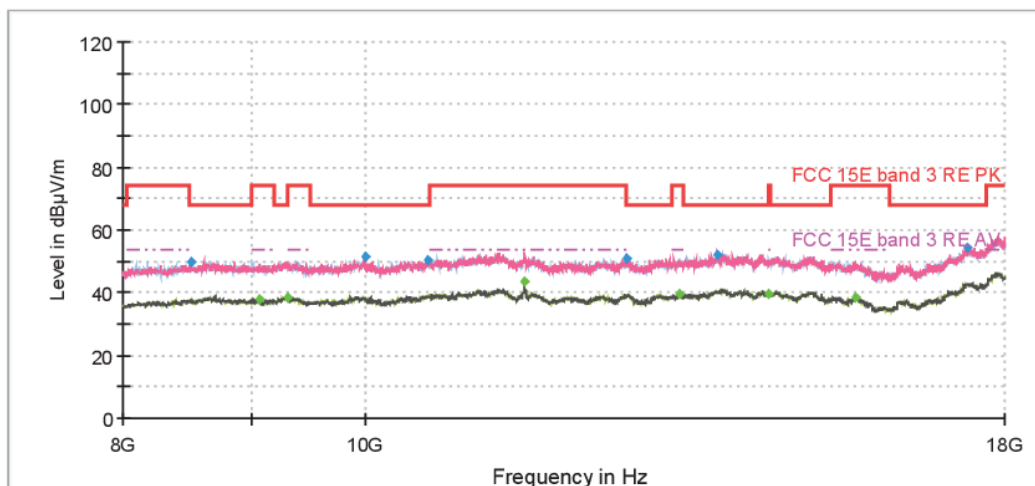
802.11n (HT20) CH157



Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1116.38	---	39.27	54.00	14.73	500.00	200.0	H	130.00	-6
1264.25	46.26	---	68.20	21.94	500.00	200.0	H	110.00	-5
1357.00	---	34.90	54.00	19.10	500.00	200.0	H	138.00	-4
1537.25	---	38.07	54.00	15.93	500.00	200.0	H	61.00	-4
1806.75	49.09	---	68.20	19.11	500.00	200.0	V	176.00	-3
2587.25	50.29	---	68.20	17.91	500.00	100.0	H	130.00	1
2777.13	---	38.93	54.00	15.07	500.00	100.0	H	2.00	2
3329.25	51.19	---	68.20	17.01	500.00	100.0	V	285.00	3
3979.38	---	41.30	54.00	12.70	500.00	200.0	V	31.00	6
4428.25	52.22	---	68.20	15.98	500.00	100.0	H	8.00	5
5054.75	---	42.23	54.00	11.77	500.00	100.0	V	308.00	8
5639.25	54.55	---	68.20	13.65	500.00	200.0	H	33.00	8

Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz

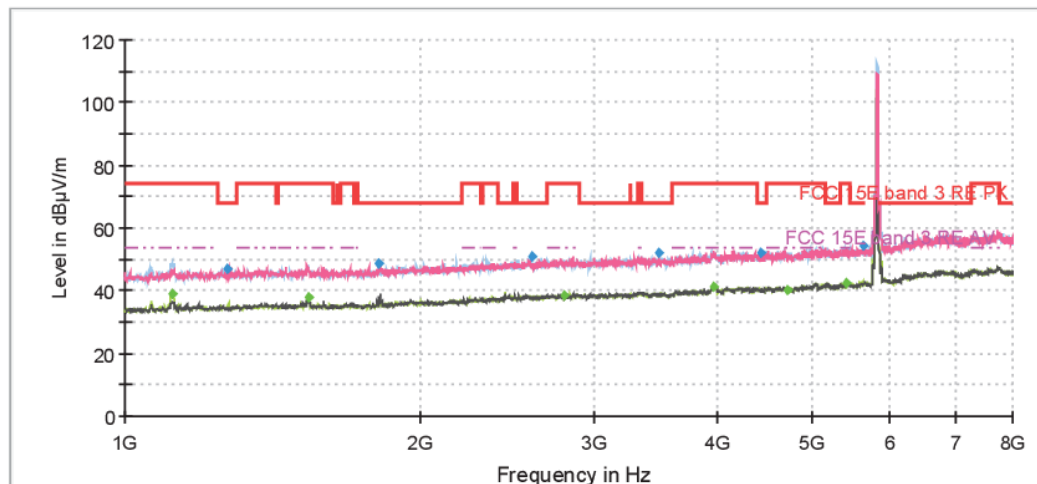


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8521.25	49.89	---	68.20	18.31	500.00	200.0	V	115.00	3
9070.00	---	37.85	54.00	16.15	500.00	200.0	H	335.00	5
9302.50	---	38.57	54.00	15.43	500.00	100.0	V	216.00	6
9997.50	51.54	---	68.20	16.66	500.00	200.0	V	0.00	5
10591.25	50.17	---	68.20	18.03	500.00	100.0	H	222.00	6
11570.00	---	43.38	54.00	10.62	500.00	100.0	H	308.00	7
12700.00	51.18	---	68.20	17.02	500.00	100.0	V	287.00	7
13336.25	---	39.62	54.00	14.38	500.00	100.0	H	192.00	8
13823.75	52.36	---	68.20	15.84	500.00	100.0	V	130.00	9
14483.75	---	39.68	54.00	14.32	500.00	100.0	H	257.00	8
15690.00	---	38.71	54.00	15.29	500.00	200.0	V	237.00	6
17396.25	54.33	---	68.20	13.87	500.00	100.0	V	358.00	13

Radiates Emission from 8GHz to 18GHz

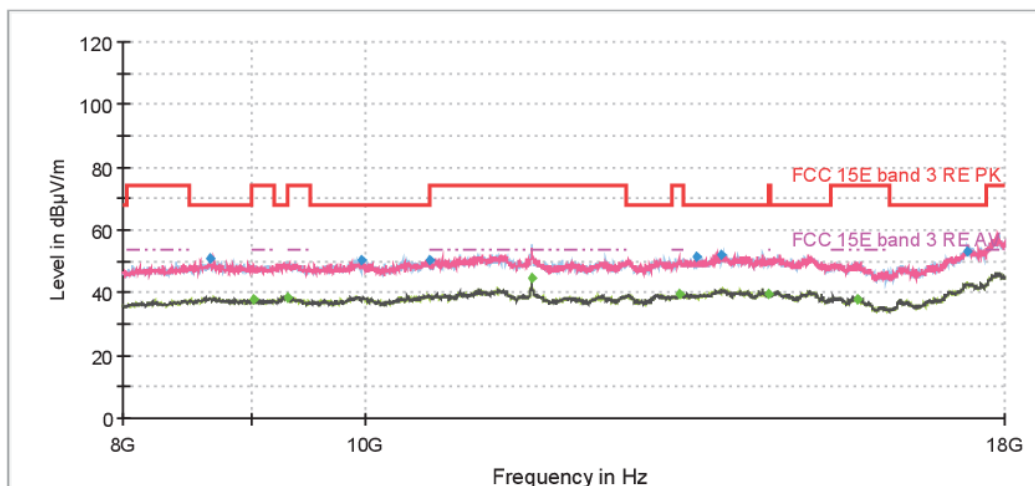
802.11n (HT20) CH165



Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1117.25	---	38.93	54.00	15.07	500.00	200.0	H	183.00	-6
1269.50	47.01	---	68.20	21.19	500.00	100.0	V	129.00	-5
1534.63	---	37.71	54.00	16.29	500.00	200.0	H	129.00	-4
1809.38	48.71	---	68.20	19.49	500.00	100.0	V	170.00	-3
2598.63	50.82	---	68.20	17.38	500.00	200.0	H	157.00	1
2795.50	---	38.63	54.00	15.37	500.00	200.0	V	98.00	1
3488.50	51.93	---	68.20	16.27	500.00	100.0	V	298.00	3
3975.88	---	41.29	54.00	12.71	500.00	100.0	V	341.00	6
4430.88	51.98	---	68.20	16.22	500.00	200.0	V	221.00	5
4715.25	---	40.10	54.00	13.90	500.00	200.0	H	0.00	6
5406.50	---	42.39	54.00	11.61	500.00	100.0	V	355.00	8
5631.38	54.25	---	68.20	13.95	500.00	200.0	V	51.00	9

Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz

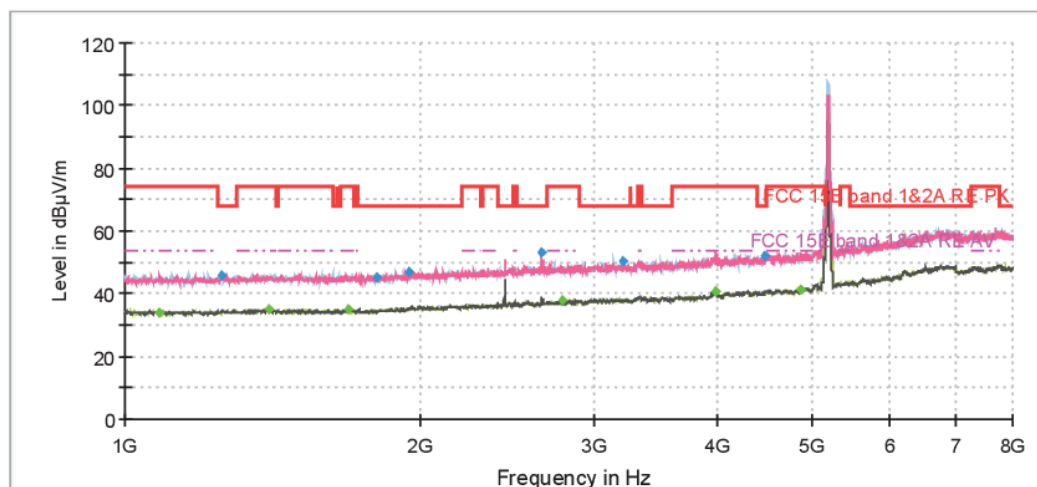


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8671.25	50.93	---	68.20	17.27	500.00	200.0	V	58.00	4
9018.75	---	37.86	54.00	16.14	500.00	100.0	H	1.00	5
9303.75	---	38.59	54.00	15.41	500.00	100.0	V	214.00	6
9967.50	50.52	---	68.20	17.68	500.00	200.0	H	356.00	5
10598.75	50.57	---	68.20	17.63	500.00	200.0	H	255.00	6
11651.25	---	44.74	54.00	9.26	500.00	100.0	H	310.00	7
13337.50	---	39.77	54.00	14.23	500.00	200.0	H	248.00	8
13548.75	51.34	---	68.20	16.86	500.00	100.0	V	244.00	8
13873.75	52.23	---	68.20	15.97	500.00	200.0	V	50.00	9
14477.50	---	39.70	54.00	14.30	500.00	100.0	H	6.00	8
15721.25	---	38.07	54.00	15.93	500.00	200.0	H	299.00	6
17371.25	53.46	---	68.20	14.74	500.00	100.0	H	282.00	12

Radiates Emission from 8GHz to 18GHz

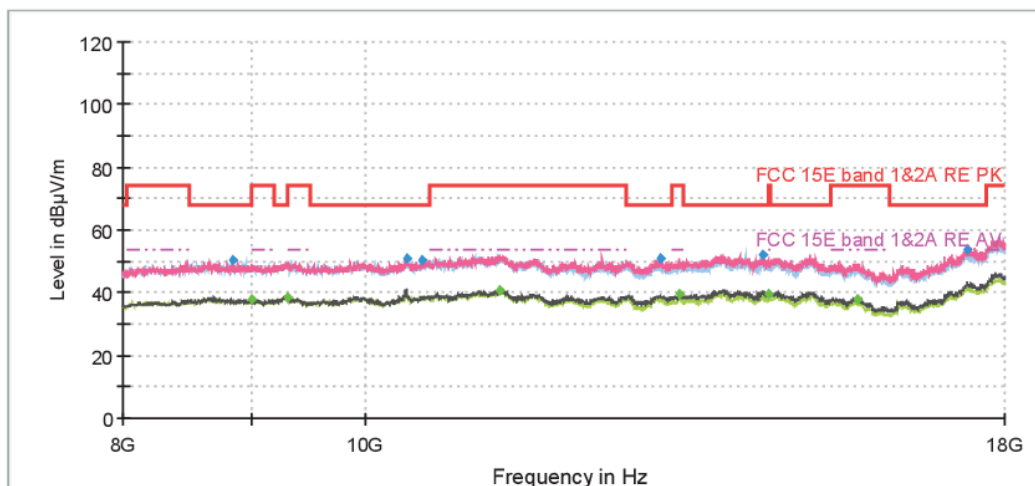
802.11n (HT40) CH38



Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1084.88	---	34.02	54.00	19.98	500.00	200.0	H	227.00	3
1255.50	45.62	---	68.20	22.58	500.00	100.0	V	0.00	4
1402.50	---	34.99	54.00	19.01	500.00	200.0	V	233.00	5
1686.88	---	35.01	54.00	18.99	500.00	100.0	V	234.00	5
1801.50	45.22	---	68.20	22.98	500.00	200.0	H	338.00	5
1945.00	46.94	---	68.20	21.26	500.00	200.0	V	0.00	6
2657.25	53.14	---	68.20	15.06	500.00	100.0	V	262.00	8
2787.63	---	38.01	54.00	15.99	500.00	200.0	V	190.00	8
3212.88	50.59	---	68.20	17.61	500.00	200.0	H	311.00	9
3987.25	---	40.84	54.00	13.16	500.00	100.0	V	234.00	11
4478.13	51.85	---	68.20	16.35	500.00	200.0	V	10.00	11
4878.00	---	41.32	54.00	12.68	500.00	100.0	H	271.00	12

Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz

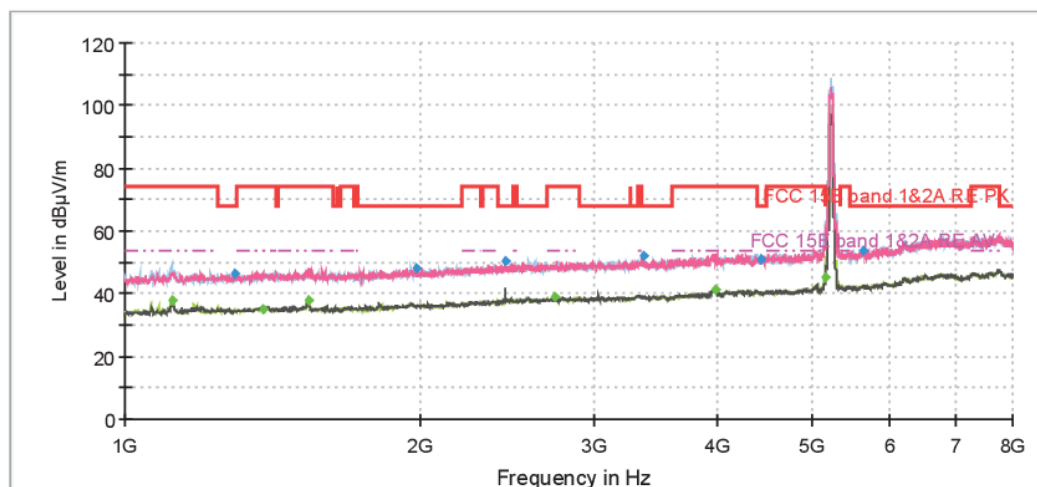


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8842.50	50.51	---	68.20	17.69	500.00	200.0	V	173.00	4
9001.25	---	38.04	54.00	15.96	500.00	100.0	V	295.00	5
9303.75	---	38.41	54.00	15.59	500.00	100.0	V	79.00	6
10393.75	51.19	---	68.20	17.01	500.00	100.0	V	72.00	5
10533.75	50.30	---	68.20	17.90	500.00	100.0	V	245.00	6
11311.25	---	41.02	54.00	12.98	500.00	100.0	V	72.00	7
13103.75	50.72	---	68.20	17.48	500.00	100.0	V	108.00	8
13337.50	---	39.45	54.00	14.55	500.00	100.0	V	295.00	8
14402.50	52.11	---	68.20	16.09	500.00	200.0	V	317.00	9
14481.25	---	39.64	54.00	14.36	500.00	100.0	V	274.00	8
15708.75	---	38.13	54.00	15.87	500.00	100.0	V	324.00	6
17387.50	53.79	---	68.20	14.41	500.00	100.0	V	295.00	13

Radiates Emission from 8GHz to 18GHz

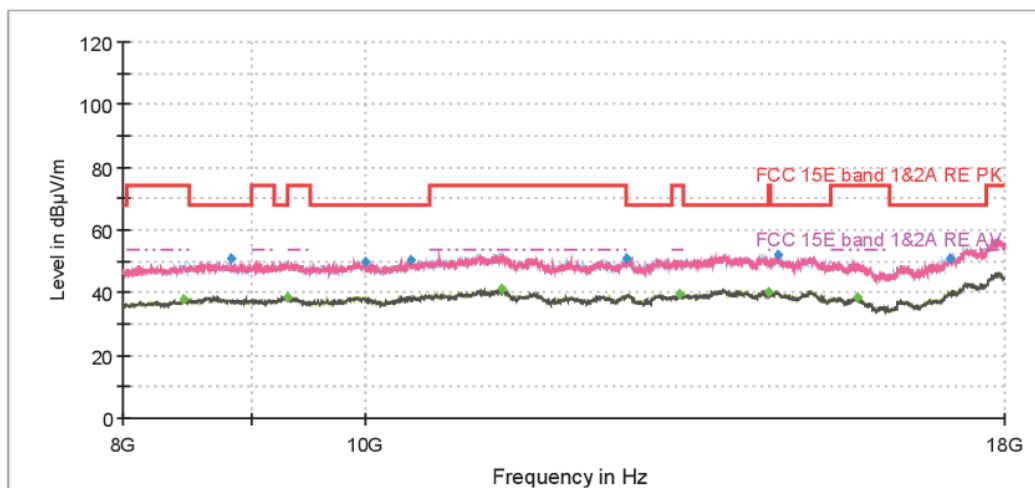
802.11n (HT40) CH46



Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1118.13	---	38.06	54.00	15.94	500.00	200.0	H	177.00	-6
1293.13	46.60	---	68.20	21.60	500.00	100.0	V	0.00	-5
1384.13	---	34.87	54.00	19.13	500.00	100.0	H	65.00	-4
1538.13	---	38.03	54.00	15.97	500.00	200.0	H	61.00	-4
1981.75	48.02	---	68.20	20.18	500.00	100.0	H	182.00	-2
2438.50	50.60	---	68.20	17.60	500.00	200.0	V	54.00	0
2731.63	---	38.97	54.00	15.03	500.00	100.0	V	357.00	1
3372.13	52.04	---	68.20	16.16	500.00	200.0	V	0.00	3
3980.25	---	41.46	54.00	12.54	500.00	200.0	V	272.00	6
4439.63	51.06	---	68.20	17.14	500.00	100.0	H	271.00	5
5149.25	---	45.34	54.00	8.66	500.00	200.0	H	330.00	8
5630.50	53.93	---	68.20	14.27	500.00	100.0	H	72.00	9

Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz

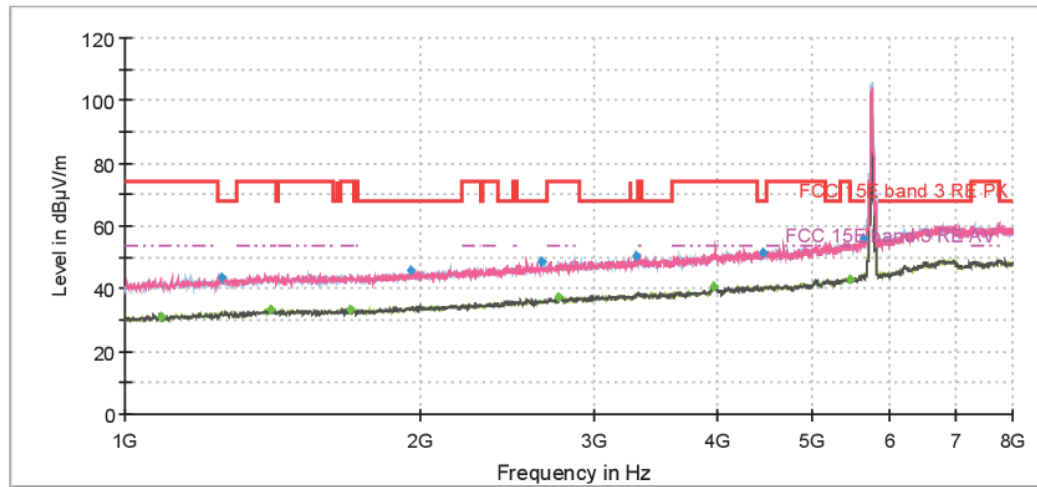


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8465.00	---	38.04	54.00	15.96	500.00	200.0	H	358.00	3
8831.25	50.74	---	68.20	17.46	500.00	100.0	V	149.00	4
9302.50	---	38.70	54.00	15.30	500.00	100.0	V	0.00	6
9993.75	49.70	---	68.20	18.50	500.00	100.0	V	348.00	5
10421.25	50.15	---	68.20	18.05	500.00	100.0	V	236.00	5
11328.75	---	41.30	54.00	12.70	500.00	200.0	V	9.00	7
12716.25	50.98	---	68.20	17.22	500.00	200.0	V	110.00	7
13351.25	---	39.62	54.00	14.38	500.00	100.0	H	71.00	8
14477.50	---	40.00	54.00	14.00	500.00	100.0	H	134.00	8
14606.25	52.21	---	68.20	15.99	500.00	100.0	H	318.00	8
15720.00	---	38.27	54.00	15.73	500.00	100.0	H	63.00	6
17121.25	50.73	---	68.20	17.47	500.00	200.0	H	318.00	10

Radiates Emission from 8GHz to 18GHz

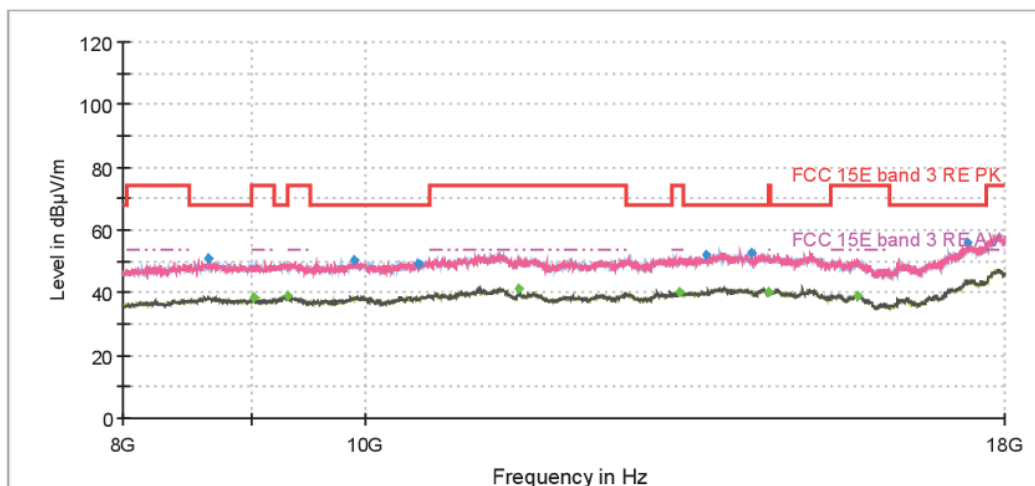
802.11n (HT40) CH151



Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1087.50	---	31.09	54.00	22.91	500.00	100.0	V	282.00	3
1252.00	43.43	---	68.20	24.77	500.00	100.0	H	109.00	4
1404.25	---	33.31	54.00	20.69	500.00	100.0	H	206.00	4
1696.50	---	33.46	54.00	20.54	500.00	100.0	V	282.00	5
1957.25	45.77	---	68.20	22.43	500.00	200.0	H	96.00	6
2654.63	48.76	---	68.20	19.44	500.00	100.0	V	269.00	8
2762.25	---	37.14	54.00	16.86	500.00	100.0	V	338.00	8
3317.88	50.49	---	68.20	17.71	500.00	100.0	H	40.00	9
3961.88	---	40.69	54.00	13.31	500.00	200.0	H	235.00	11
4446.63	51.71	---	68.20	16.49	500.00	200.0	H	332.00	11
5459.00	---	43.29	54.00	10.71	500.00	200.0	V	29.00	14
5624.38	56.11	---	68.20	12.09	500.00	100.0	V	317.00	15

Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz

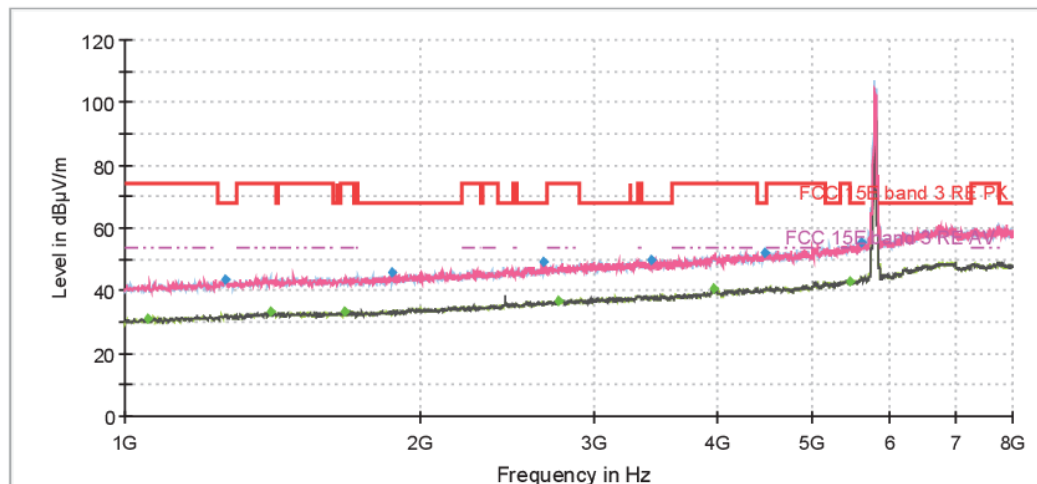


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8653.75	50.88	---	68.20	17.32	500.00	100.0	V	287.00	4
9023.75	---	38.36	54.00	15.64	500.00	100.0	V	171.00	5
9306.25	---	38.78	54.00	15.22	500.00	200.0	V	151.00	6
9895.00	50.18	---	68.20	18.02	500.00	100.0	H	149.00	5
10495.00	49.46	---	68.20	18.74	500.00	200.0	H	341.00	6
11512.50	---	41.46	54.00	12.54	500.00	100.0	H	311.00	7
13336.25	---	40.06	54.00	13.94	500.00	200.0	H	221.00	8
13676.25	52.10	---	68.20	16.10	500.00	200.0	H	358.00	8
14253.75	52.89	---	68.20	15.31	500.00	200.0	H	242.00	9
14475.00	---	40.35	54.00	13.65	500.00	100.0	V	356.00	8
15727.50	---	39.32	54.00	14.68	500.00	200.0	V	1.00	6
17397.50	55.90	---	68.20	12.30	500.00	100.0	V	0.00	13

Radiates Emission from 8GHz to 18GHz

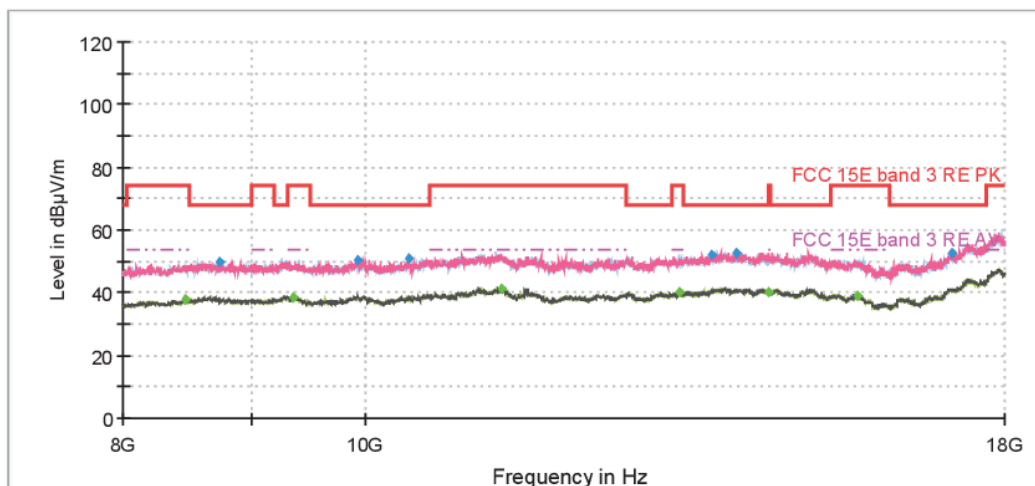
802.11n (HT40) CH159



Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1054.25	---	31.10	54.00	22.91	500.00	200.0	H	231.00	3
1266.00	43.84	---	68.20	24.36	500.00	200.0	H	357.00	4
1405.13	---	33.47	54.00	20.53	500.00	100.0	H	99.00	4
1669.38	---	33.58	54.00	20.42	500.00	200.0	V	354.00	5
1866.25	45.93	---	68.20	22.27	500.00	200.0	V	0.00	5
2665.13	49.16	---	68.20	19.04	500.00	200.0	V	98.00	8
2763.13	---	37.06	54.00	16.94	500.00	100.0	H	22.00	8
3436.88	50.06	---	68.20	18.14	500.00	100.0	H	177.00	9
3975.88	---	40.55	54.00	13.45	500.00	100.0	V	216.00	11
4465.88	52.25	---	68.20	15.95	500.00	100.0	H	43.00	11
5454.63	---	43.24	54.00	10.76	500.00	200.0	H	0.00	14
5606.00	55.36	---	68.20	12.84	500.00	200.0	V	36.00	14

Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz

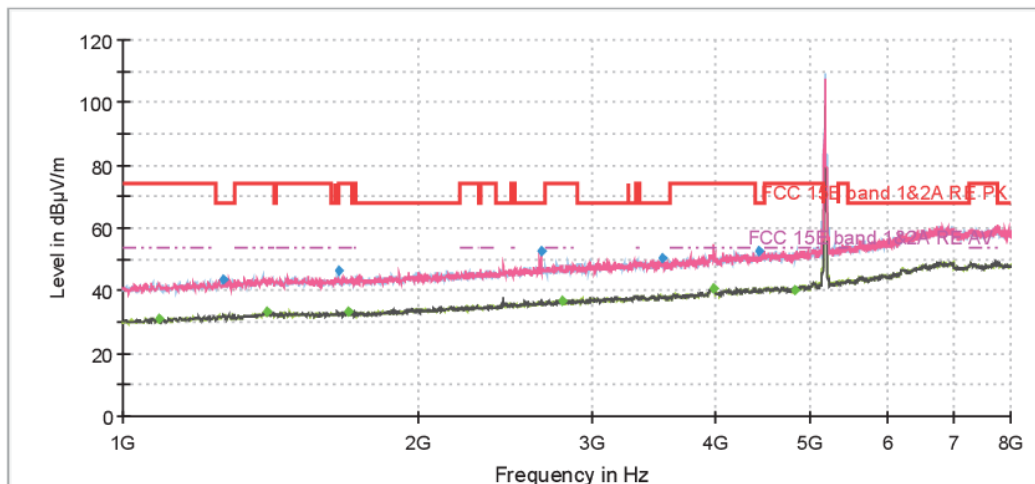


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8466.25	---	37.92	54.00	16.08	500.00	100.0	V	157.00	3
8738.75	49.65	---	68.20	18.55	500.00	200.0	H	57.00	5
9363.75	---	38.64	54.00	15.36	500.00	200.0	H	313.00	5
9930.00	50.31	---	68.20	17.89	500.00	200.0	V	187.00	5
10398.75	50.89	---	68.20	17.31	500.00	200.0	H	159.00	5
11331.25	---	41.46	54.00	12.54	500.00	200.0	H	152.00	7
13332.50	---	40.29	54.00	13.71	500.00	200.0	V	289.00	8
13736.25	52.25	---	68.20	15.95	500.00	100.0	H	210.00	9
14065.00	52.92	---	68.20	15.28	500.00	100.0	H	29.00	9
14481.25	---	40.47	54.00	13.53	500.00	200.0	V	0.00	8
15703.75	---	38.95	54.00	15.05	500.00	200.0	H	0.00	6
17138.75	52.49	---	68.20	15.71	500.00	200.0	H	285.00	10

Radiates Emission from 8GHz to 18GHz

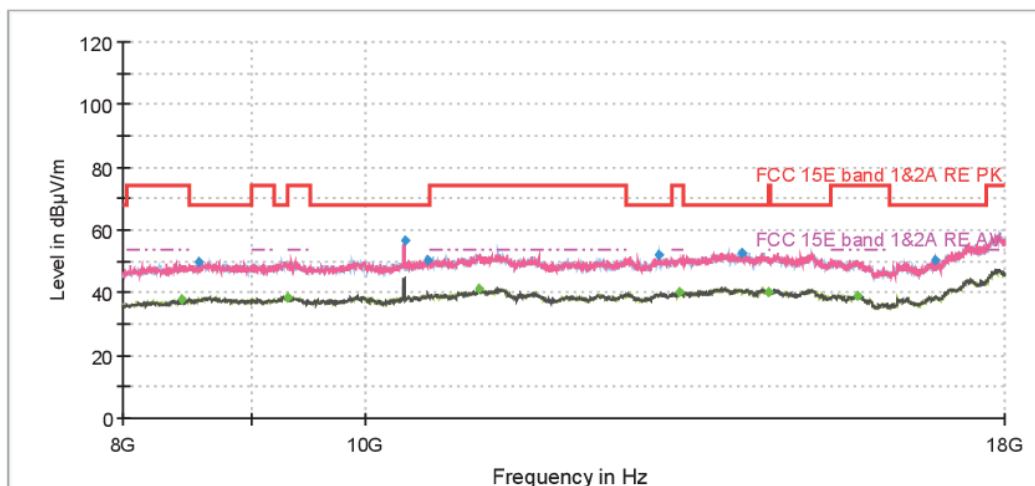
802.11ax (HE20) CH36



Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1086.63	---	31.12	54.00	22.88	500.00	200.0	H	339.00	3
1265.13	43.51	---	68.20	24.69	500.00	200.0	V	50.00	4
1403.38	---	33.12	54.00	20.88	500.00	100.0	H	97.00	5
1657.13	46.32	---	68.20	21.88	500.00	100.0	H	2.00	5
1697.38	---	33.55	54.00	20.45	500.00	100.0	H	207.00	5
2659.88	52.43	---	68.20	15.77	500.00	200.0	V	207.00	8
2791.13	---	37.04	54.00	16.96	500.00	100.0	V	358.00	8
3536.63	50.29	---	68.20	17.91	500.00	200.0	H	124.00	9
3996.00	---	40.98	54.00	13.02	500.00	100.0	V	277.00	11
4445.75	52.50	---	68.20	15.70	500.00	200.0	H	158.00	11
4832.50	---	40.21	54.00	13.79	500.00	100.0	H	1.00	12

Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz

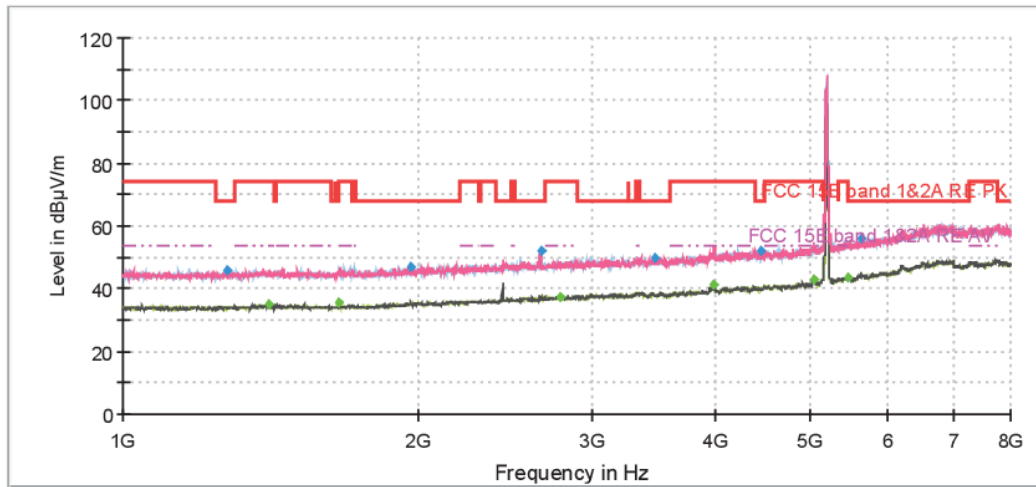


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8443.75	---	38.06	54.00	15.94	500.00	200.0	H	338.00	3
8577.50	49.84	---	68.20	18.36	500.00	200.0	H	302.00	4
9301.25	---	38.54	54.00	15.46	500.00	200.0	V	136.00	6
10360.00	56.65	---	68.20	11.55	500.00	100.0	V	72.00	5
10580.00	50.55	---	68.20	17.65	500.00	200.0	V	63.00	6
11100.00	---	41.40	54.00	12.60	500.00	100.0	V	340.00	7
13080.00	52.09	---	68.20	16.11	500.00	200.0	H	356.00	8
13347.50	---	40.29	54.00	13.71	500.00	100.0	H	116.00	8
14121.25	52.83	---	68.20	15.37	500.00	100.0	V	357.00	9
14485.00	---	40.34	54.00	13.66	500.00	200.0	V	136.00	8
15706.25	---	38.96	54.00	15.04	500.00	100.0	V	333.00	6
16863.75	50.29	---	68.20	17.91	500.00	100.0	V	358.00	9

Radiates Emission from 8GHz to 18GHz

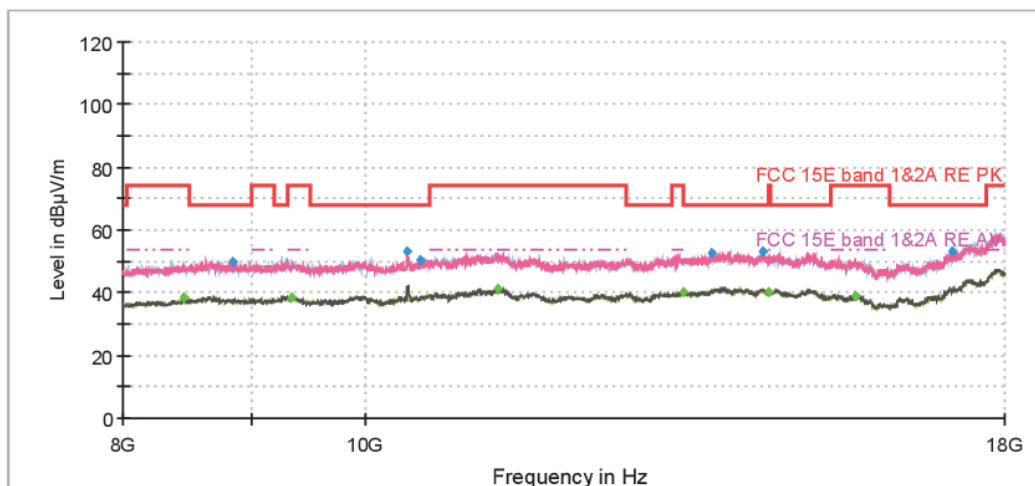
802.11ax (HE20) CH40



Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1278.25	45.61	---	68.20	22.59	500.00	200.0	H	97.00	4
1404.25	---	34.88	54.00	19.12	500.00	200.0	V	214.00	4
1660.63	---	35.39	54.00	18.61	500.00	200.0	H	269.00	5
1963.38	46.92	---	68.20	21.28	500.00	100.0	H	23.00	6
2659.00	52.00	---	68.20	16.20	500.00	100.0	V	179.00	8
2785.00	---	37.58	54.00	16.42	500.00	100.0	H	126.00	8
3474.50	50.03	---	68.20	18.17	500.00	100.0	V	90.00	9
3993.38	---	41.36	54.00	12.64	500.00	100.0	V	1.00	11
4456.25	52.07	---	68.20	16.13	500.00	100.0	V	348.00	11
5043.38	---	42.88	54.00	11.12	500.00	100.0	V	48.00	13
5457.25	---	43.75	54.00	10.25	500.00	200.0	H	0.00	14
5642.75	56.20	---	68.20	12.00	500.00	200.0	H	283.00	15

Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz

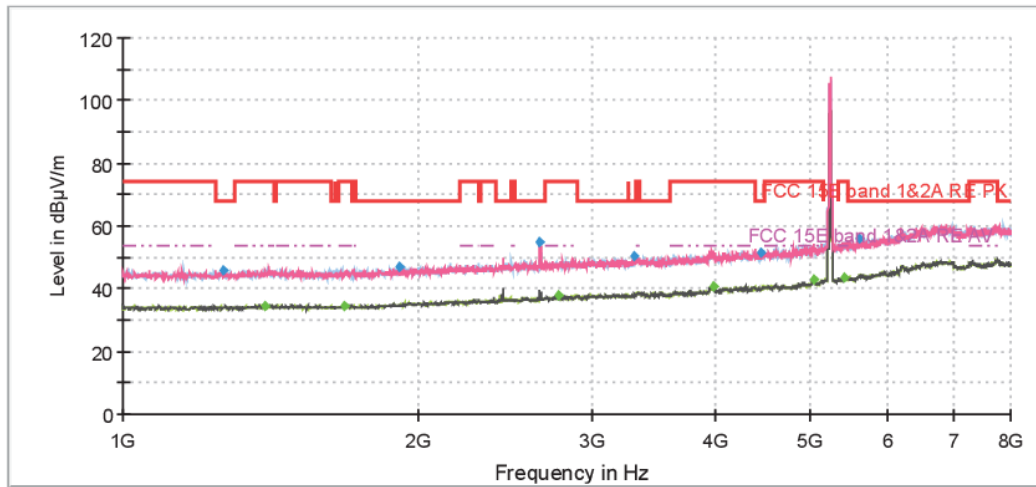


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8465.00	---	38.22	54.00	15.78	500.00	200.0	V	164.00	3
8851.25	49.80	---	68.20	18.40	500.00	200.0	V	56.00	4
9343.75	---	38.66	54.00	15.34	500.00	100.0	V	0.00	5
10391.25	53.37	---	68.20	14.83	500.00	100.0	V	72.00	5
10517.50	50.42	---	68.20	17.78	500.00	200.0	H	319.00	6
11300.00	---	41.50	54.00	12.50	500.00	200.0	H	210.00	7
13392.50	---	40.29	54.00	13.71	500.00	100.0	H	50.00	8
13735.00	52.67	---	68.20	15.53	500.00	100.0	H	223.00	9
14405.00	53.00	---	68.20	15.20	500.00	100.0	V	244.00	8
14480.00	---	40.33	54.00	13.67	500.00	100.0	H	296.00	8
15686.25	---	38.94	54.00	15.06	500.00	100.0	H	209.00	6
17138.75	52.94	---	68.20	15.26	500.00	100.0	V	144.00	10

Radiates Emission from 8GHz to 18GHz

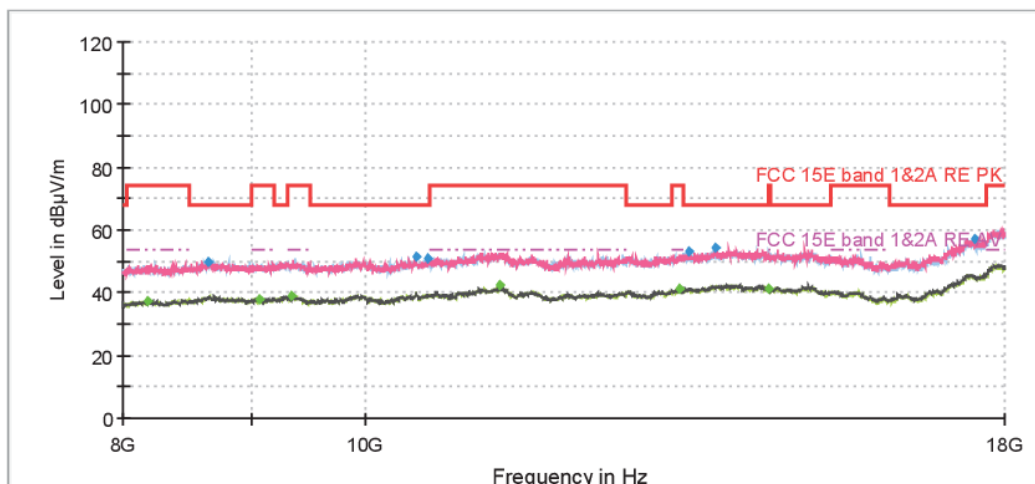
802.11ax (HE20) CH48



Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1263.38	45.92	---	68.20	22.28	500.00	100.0	V	41.00	4
1396.38	---	34.77	54.00	19.23	500.00	100.0	V	339.00	5
1676.38	---	34.79	54.00	19.21	500.00	200.0	V	5.00	5
1912.63	47.00	---	68.20	21.20	500.00	200.0	V	80.00	5
2655.50	54.78	---	68.20	13.42	500.00	100.0	V	288.00	8
2772.75	---	37.68	54.00	16.32	500.00	200.0	H	47.00	8
3312.63	50.26	---	68.20	17.94	500.00	200.0	H	345.00	9
3983.75	---	40.58	54.00	13.42	500.00	100.0	V	27.00	11
4450.13	51.64	---	68.20	16.56	500.00	100.0	V	325.00	11
5048.63	---	42.75	54.00	11.25	500.00	100.0	H	133.00	13
5414.38	---	43.64	54.00	10.36	500.00	100.0	V	274.00	14
5614.75	56.02	---	68.20	12.18	500.00	200.0	V	95.00	15

Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz

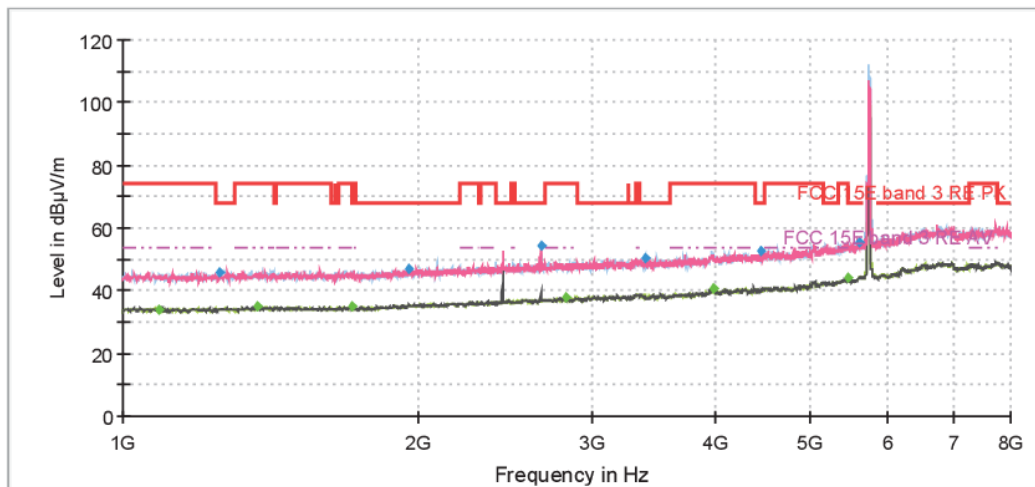


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8185.00	---	37.34	54.00	16.66	500.00	100.0	H	283.00	2
8648.75	50.09	---	68.20	18.11	500.00	100.0	H	88.00	4
9066.25	---	38.12	54.00	15.88	500.00	100.0	H	2.00	5
9345.00	---	39.07	54.00	14.93	500.00	200.0	V	37.00	5
10482.50	51.24	---	68.20	16.96	500.00	200.0	V	324.00	6
10582.50	50.76	---	68.20	17.44	500.00	100.0	V	0.00	6
11312.50	---	42.25	54.00	11.75	500.00	100.0	H	24.00	7
13342.50	---	41.04	54.00	12.96	500.00	200.0	H	354.00	8
13470.00	52.95	---	68.20	15.25	500.00	100.0	V	196.00	8
13798.75	54.14	---	68.20	14.06	500.00	100.0	V	332.00	9
14482.50	---	41.40	54.00	12.60	500.00	100.0	V	240.00	8
17492.50	57.12	---	68.20	11.08	500.00	200.0	V	81.00	12

Radiates Emission from 8GHz to 18GHz

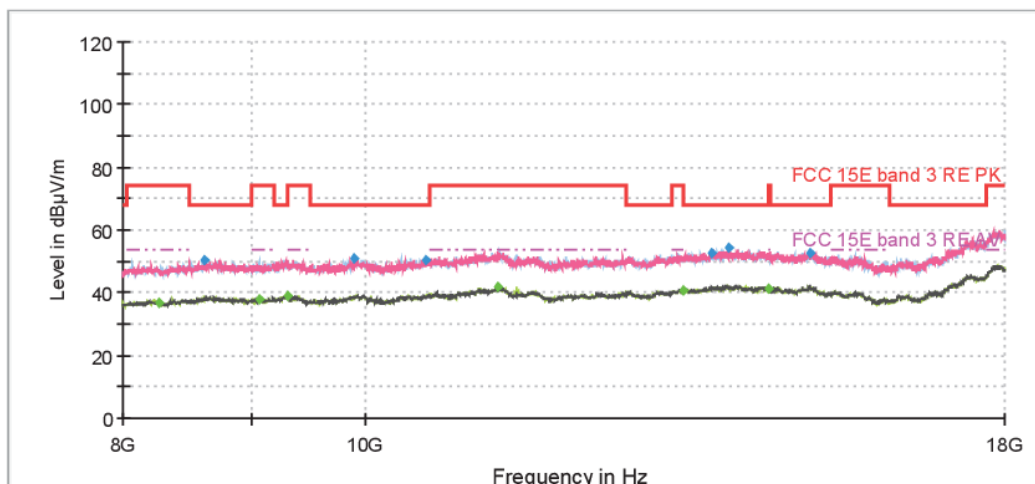
802.11ax (HE20) CH149



Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1088.38	---	34.17	54.00	19.83	500.00	100.0	V	123.00	3
1252.00	45.78	---	68.20	22.42	500.00	100.0	H	256.00	4
1369.25	---	34.91	54.00	19.09	500.00	200.0	V	70.00	4
1709.63	---	34.97	54.00	19.03	500.00	200.0	V	16.00	5
1954.63	47.25	---	68.20	20.95	500.00	200.0	V	298.00	6
2659.00	54.39	---	68.20	13.81	500.00	200.0	V	173.00	8
2825.25	---	37.78	54.00	16.22	500.00	100.0	V	294.00	8
3393.13	50.54	---	68.20	17.66	500.00	100.0	H	47.00	9
3984.63	---	40.91	54.00	13.09	500.00	100.0	V	0.00	11
4456.25	52.39	---	68.20	15.81	500.00	200.0	H	358.00	11
5456.38	---	43.90	54.00	10.10	500.00	200.0	V	11.00	14
5622.63	55.44	---	68.20	12.76	500.00	100.0	H	168.00	15

Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz

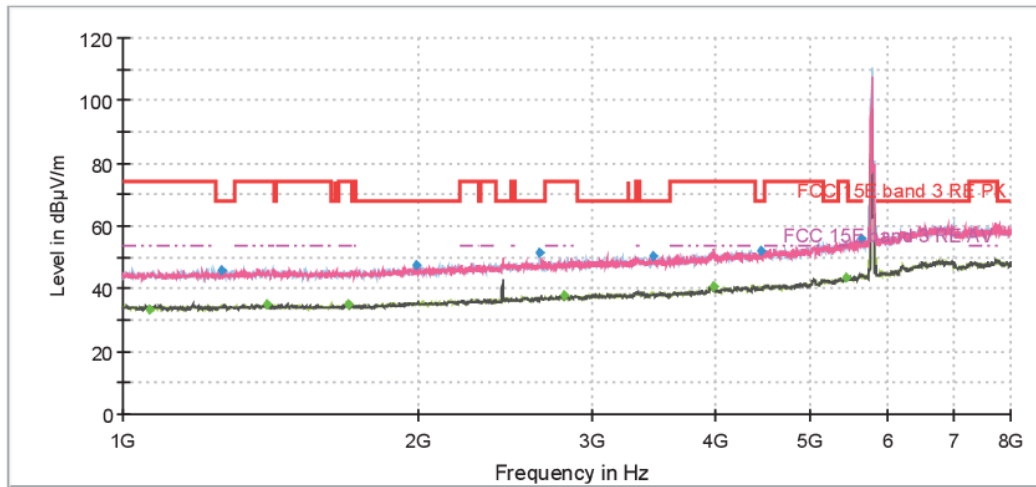


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8272.50	---	36.76	54.00	17.24	500.00	200.0	H	352.00	2
8616.25	50.49	---	68.20	17.71	500.00	100.0	H	23.00	4
9067.50	---	38.11	54.00	15.89	500.00	100.0	V	100.00	5
9303.75	---	38.78	54.00	15.22	500.00	100.0	H	154.00	6
9892.50	50.77	---	68.20	17.43	500.00	200.0	H	330.00	5
10575.00	50.32	---	68.20	17.88	500.00	100.0	V	108.00	6
11298.75	---	41.84	54.00	12.16	500.00	100.0	V	152.00	7
13391.25	---	40.89	54.00	13.11	500.00	200.0	H	308.00	8
13736.25	52.69	---	68.20	15.51	500.00	200.0	H	356.00	9
13952.50	54.27	---	68.20	13.93	500.00	200.0	V	199.00	9
14470.00	---	41.53	54.00	12.47	500.00	200.0	V	6.00	8
15045.00	52.86	---	68.20	15.34	500.00	100.0	H	30.00	8

Radiates Emission from 8GHz to 18GHz

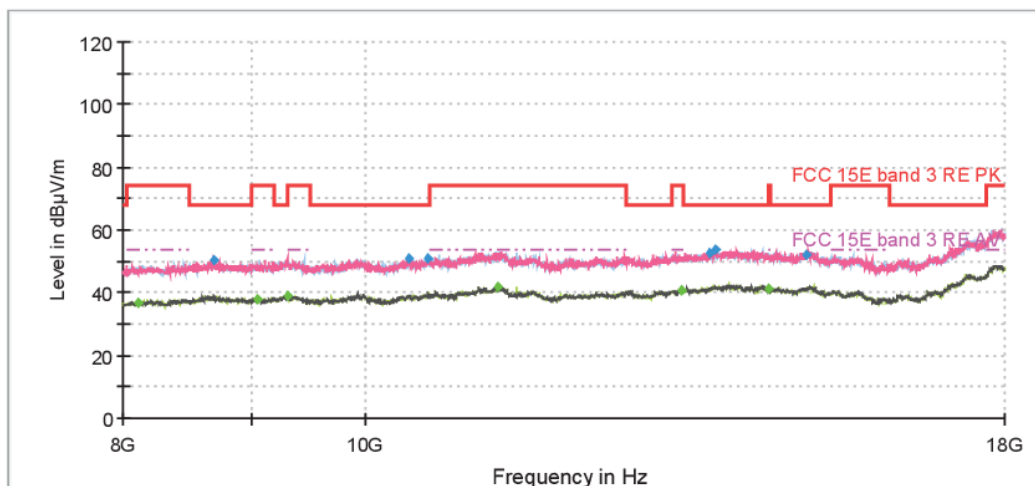
802.11ax (HE20) CH157



Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1065.63	---	33.66	54.00	20.34	500.00	100.0	H	26.00	3
1257.25	45.90	---	68.20	22.30	500.00	100.0	V	178.00	4
1402.50	---	34.90	54.00	19.10	500.00	200.0	V	110.00	5
1695.63	---	35.37	54.00	18.63	500.00	100.0	V	261.00	5
1990.50	47.45	---	68.20	20.75	500.00	200.0	V	41.00	6
2656.38	51.58	---	68.20	16.62	500.00	100.0	H	0.00	8
2806.00	---	37.79	54.00	16.21	500.00	100.0	V	0.00	8
3457.00	50.53	---	68.20	17.67	500.00	200.0	V	243.00	9
3984.63	---	40.71	54.00	13.29	500.00	200.0	V	209.00	11
4464.13	51.91	---	68.20	16.29	500.00	100.0	V	358.00	11
5431.88	---	43.58	54.00	10.42	500.00	200.0	V	158.00	14
5638.38	56.02	---	68.20	12.18	500.00	200.0	H	357.00	15

Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz

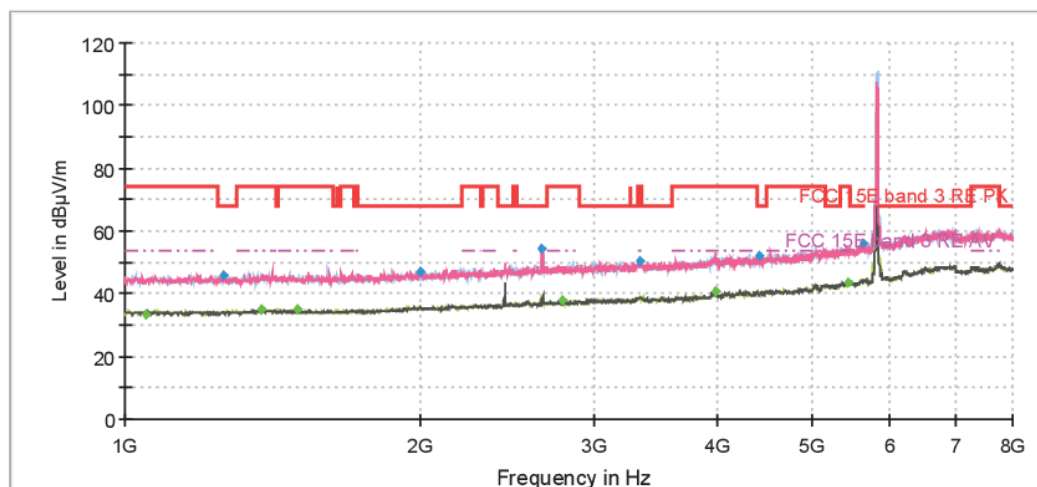


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8115.00	---	36.53	54.00	17.47	500.00	100.0	H	206.00	2
8703.75	50.18	---	68.20	18.02	500.00	200.0	V	2.00	5
9056.25	---	38.19	54.00	15.81	500.00	100.0	V	196.00	5
9302.50	---	38.79	54.00	15.21	500.00	200.0	H	226.00	6
10411.25	50.90	---	68.20	17.30	500.00	200.0	V	2.00	5
10587.50	50.79	---	68.20	17.41	500.00	100.0	H	4.00	6
11296.25	---	41.92	54.00	12.08	500.00	100.0	V	274.00	7
13371.25	---	40.94	54.00	13.06	500.00	100.0	V	303.00	8
13732.50	52.71	---	68.20	15.49	500.00	100.0	H	72.00	9
13796.25	53.72	---	68.20	14.48	500.00	200.0	H	319.00	9
14476.25	---	41.52	54.00	12.48	500.00	200.0	V	170.00	8
14988.75	52.23	---	68.20	15.97	500.00	100.0	H	35.00	8

Radiates Emission from 8GHz to 18GHz

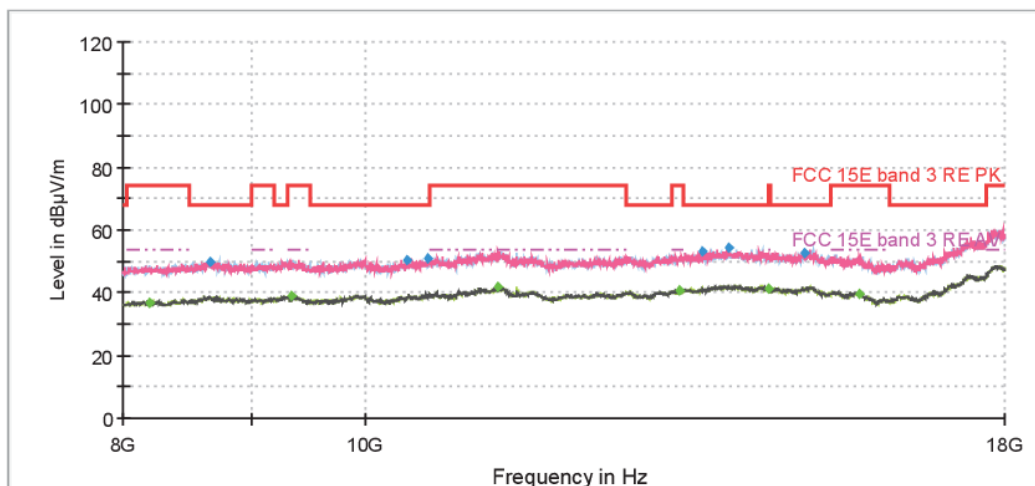
802.11ax (HE20) CH165



Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1049.00	---	33.54	54.00	20.46	500.00	100.0	H	117.00	3
1257.25	46.13	---	68.20	22.07	500.00	100.0	H	96.00	4
1376.25	---	34.99	54.00	19.01	500.00	100.0	H	209.00	4
1495.25	---	34.93	54.00	19.07	500.00	100.0	H	235.00	4
1994.88	47.26	---	68.20	20.94	500.00	100.0	H	54.00	6
2654.63	54.44	---	68.20	13.76	500.00	200.0	V	181.00	8
2790.25	---	37.93	54.00	16.07	500.00	100.0	H	41.00	8
3340.63	50.46	---	68.20	17.74	500.00	200.0	H	347.00	9
3984.63	---	40.66	54.00	13.34	500.00	100.0	H	3.00	11
4423.00	52.18	---	68.20	16.02	500.00	200.0	H	102.00	11
5431.88	---	43.84	54.00	10.16	500.00	100.0	H	15.00	14
5627.00	55.84	---	68.20	12.36	500.00	200.0	V	15.00	15

Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8201.25	---	36.93	54.00	17.07	500.00	200.0	H	165.00	2
8666.25	49.97	---	68.20	18.23	500.00	200.0	V	6.00	4
9343.75	---	38.92	54.00	15.08	500.00	200.0	V	19.00	5
10393.75	50.60	---	68.20	17.60	500.00	200.0	H	357.00	5
10583.75	50.90	---	68.20	17.30	500.00	200.0	V	340.00	6
11295.00	---	42.05	54.00	11.95	500.00	100.0	V	300.00	7
13338.75	---	40.85	54.00	13.15	500.00	100.0	V	314.00	8
13636.25	53.11	---	68.20	15.09	500.00	100.0	H	140.00	8
13953.75	54.26	---	68.20	13.94	500.00	200.0	V	26.00	9
14477.50	---	41.41	54.00	12.59	500.00	100.0	H	82.00	8
14973.75	52.70	---	68.20	15.50	500.00	200.0	V	0.00	8
15755.00	---	39.63	54.00	14.37	500.00	100.0	H	0.00	6

Radiates Emission from 8GHz to 18GHz

2. Conducted Emission

2.1. Wi-Fi 5GHz

During the test, the Conducted Emission was performed in all modes with all channels. The test data of the worst-case condition was recorded in this report.



Frequency [MHz]	QPK Level [dBμV]	QPK Limit [dBμV]	QPK Margin [dB]	AVG Level [dBμV]	AVG Limit [dBμV]	AVG Margin [dB]	Correction [dB]	Line	Meas. BW [kHz]	Meas. Time [s]
0.155	52.95	65.75	12.80	31.25	55.75	24.51	20.90	L1	9.000	1.000
0.481	35.85	56.33	20.48	28.01	46.33	18.31	20.80	L1	9.000	1.000
1.208	26.15	56.00	29.85	15.29	46.00	30.71	20.01	L1	9.000	1.000
4.664	32.14	56.00	23.86	25.98	46.00	20.02	19.41	L1	9.000	1.000
9.418	24.54	60.00	35.46	18.60	50.00	31.40	19.41	L1	9.000	1.000
16.575	35.21	60.00	24.79	26.61	50.00	23.39	19.55	L1	9.000	1.000

Remark: Correct factor=cable loss + LISN factor

L line Conducted Emission from 150 kHz to 30 MHz



Frequency [MHz]	QPK Level [dBμV]	QPK Limit [dBμV]	QPK Margin [dB]	AVG Level [dBμV]	AVG Limit [dBμV]	AVG Margin [dB]	Correction [dB]	Line	Meas. BW [kHz]	Meas. Time [s]
0.152	53.24	65.88	12.63	30.59	55.88	25.28	20.91	N	9.000	1.000
0.346	34.37	59.06	24.69	22.37	49.06	26.69	20.94	N	9.000	1.000
0.953	24.54	56.00	31.46	15.41	46.00	30.59	20.21	N	9.000	1.000
1.950	23.29	56.00	32.71	14.94	46.00	31.06	19.67	N	9.000	1.000
4.661	31.72	56.00	24.28	25.74	46.00	20.26	19.42	N	9.000	1.000
16.157	34.82	60.00	25.18	26.24	50.00	23.76	19.57	N	9.000	1.000

Remark: Correct factor=cable loss + LISN factor

N line Conducted Emission from 150 kHz to 30 MHz