

ANNEX A: Test Result

1. Unwanted Emission

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 stand-up position (Z axis) and the loop antenna is vertical, the others are vertical and horizontal. and the worst case was recorded.

1.1. Wi-Fi 5GHz

The following graphs display the maximum values of horizontal and vertical by software.

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

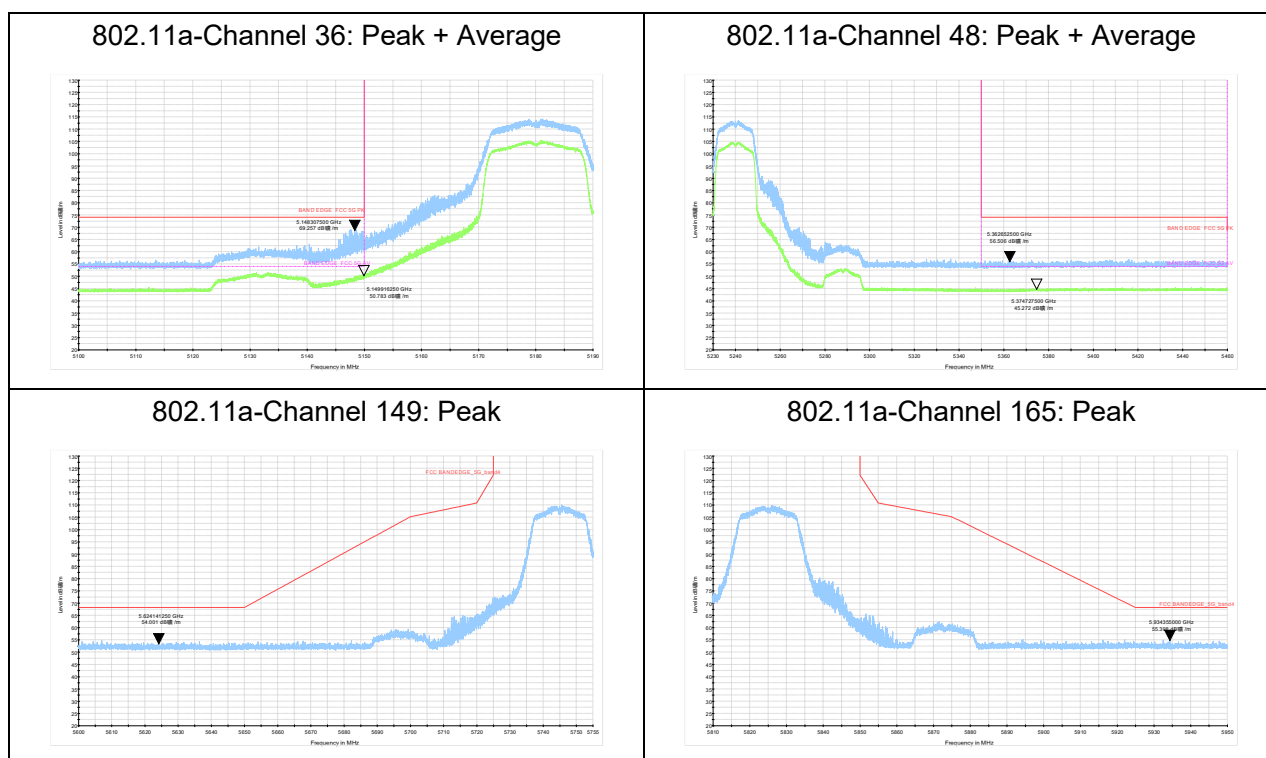
The modulation and bandwidth are similar for 802.11n mode for 20MHz/40MHz and 802.11ac mode for V20MHz/V40MHz, therefore investigated worst case to representative mode in test report.

The signal beyond the limit is carrier.

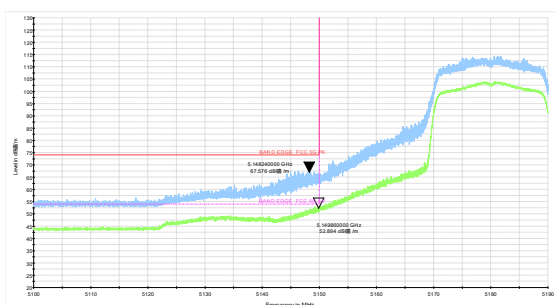
Remark:

 PK Level @Spectrum Overview H

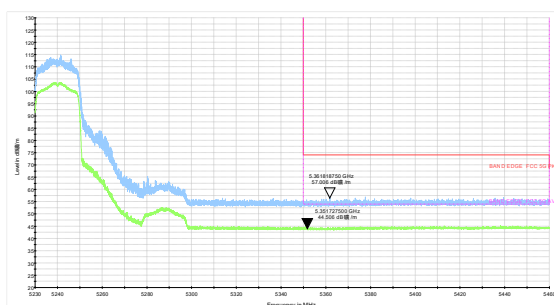
 AVG Level @Spectrum Overview H



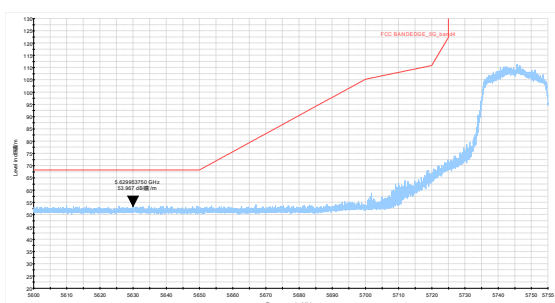
802.11n HT20-Channel 36: Peak + Average



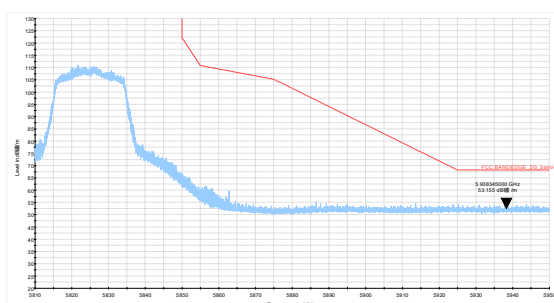
802.11n HT20-Channel 48: Peak + Average



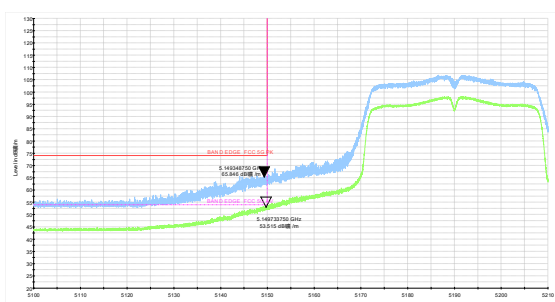
802.11n HT20-Channel 149: Peak



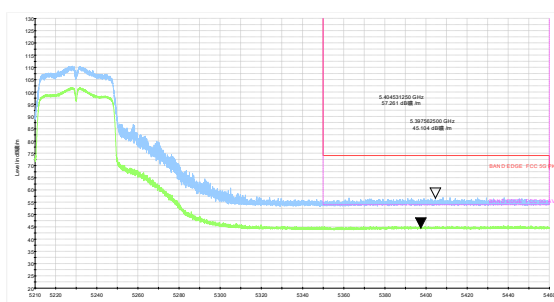
802.11n HT20-Channel 165: Peak



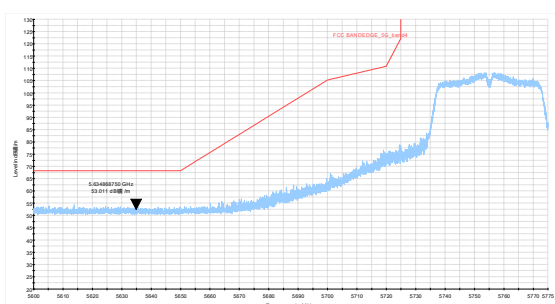
802.11n HT40-Channel 38: Peak + Average



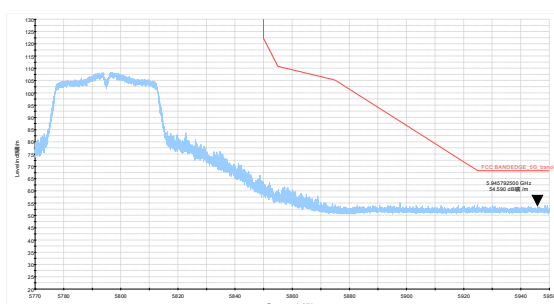
802.11n HT40-Channel 46: Peak + Average



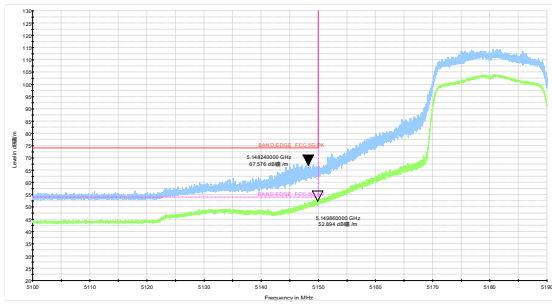
802.11n HT40-Channel 151: Peak



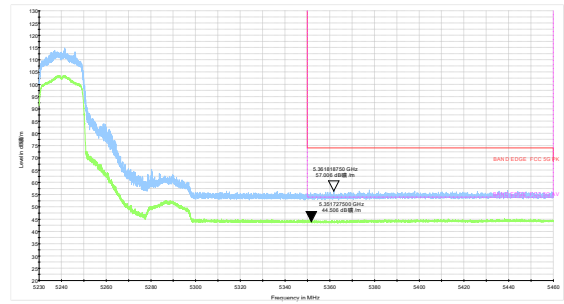
802.11n HT40-Channel 159: Peak



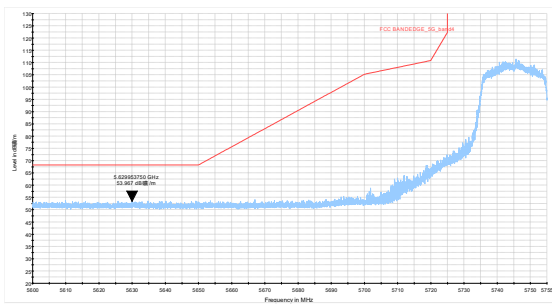
802.11ax HE20 -Channel 36: Peak + Average



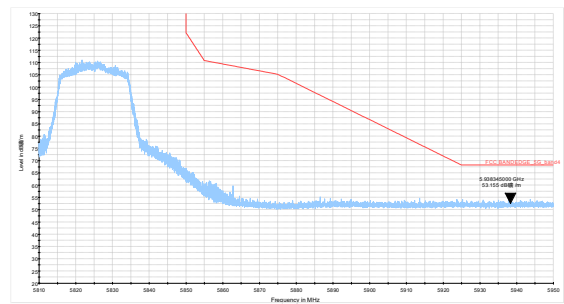
802.11ax HE20 -Channel 48: Peak + Average



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 horizontal and vertical by software.**
4. **For below 1GHz**

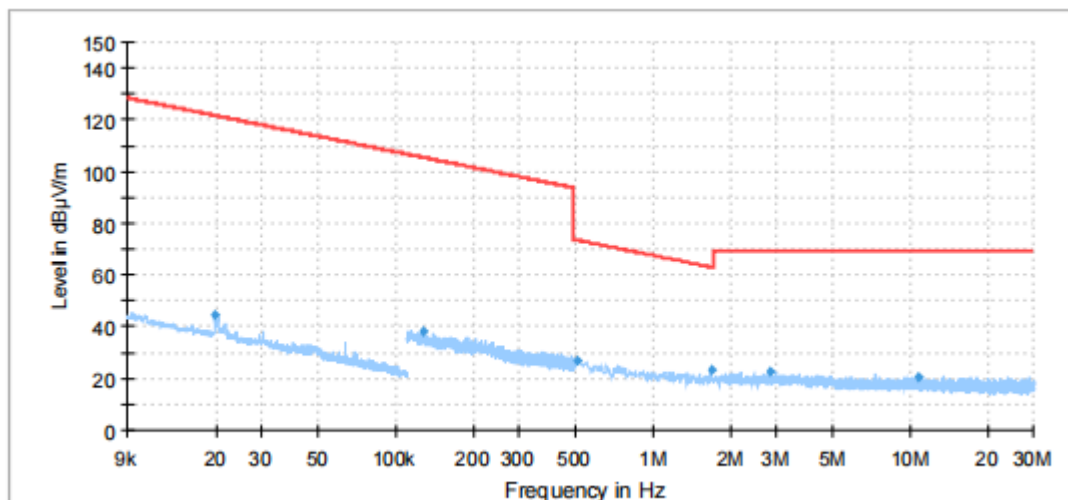
 QP Level @Spectrum Overview H
  QP Level @Spectrum Overview V
  QP Level @Final Results
  QP Limit

For above 1GHz

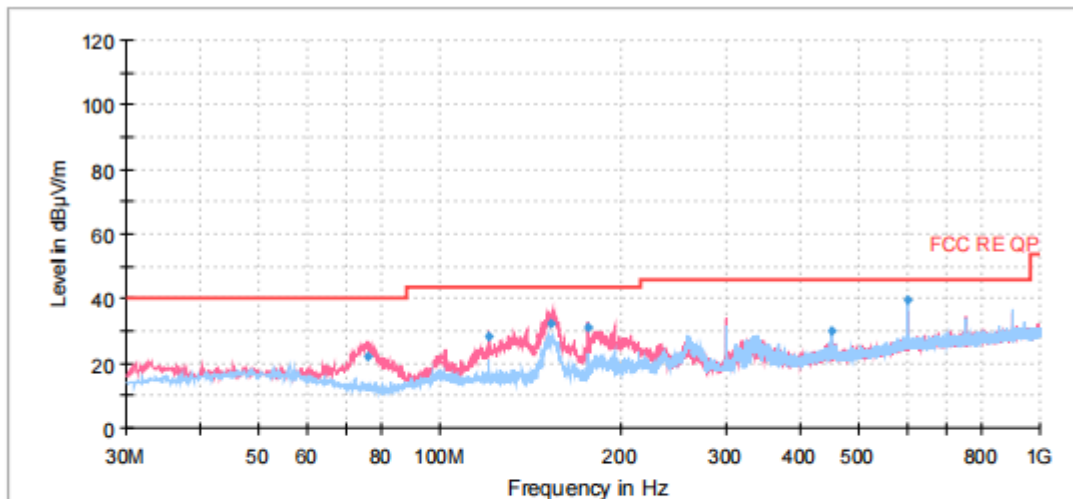
 PK Level @Spectrum Overview H
  PK Level @Spectrum Overview V
  PK Level @Final Results
  PK Limit
 AVG Level @Spectrum Overview H
  AVG Level @Spectrum Overview V
  AVG Level @Final Results
  AVG Limit

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 (802.11ax (HE20) CH36) condition was recorded in this report.



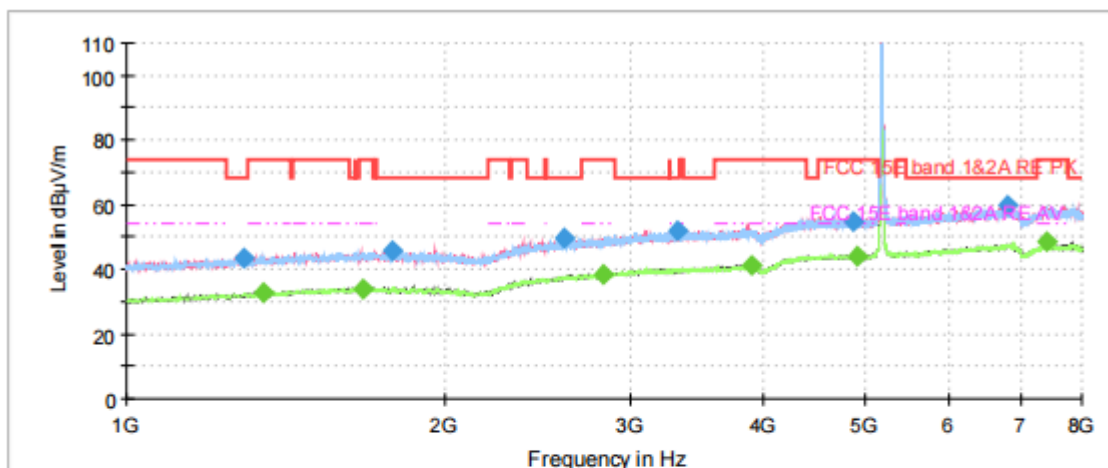
Radiates Emission from 9kHz to 30MHz



Final Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
75.95	21.91	40.00	18.09	1000.00	100.0	V	26.00	15
120.90	28.16	43.50	15.34	1000.00	100.0	V	178.00	17
152.66	32.13	43.50	11.37	1000.00	100.0	V	82.00	15
176.71	31.18	43.50	12.32	1000.00	100.0	V	98.00	16
449.97	29.88	46.00	16.12	1000.00	100.0	H	114.00	24
599.96	39.89	46.00	6.11	1000.00	108.0	H	185.00	27

Radiates Emission from 30MHz to 1GHz

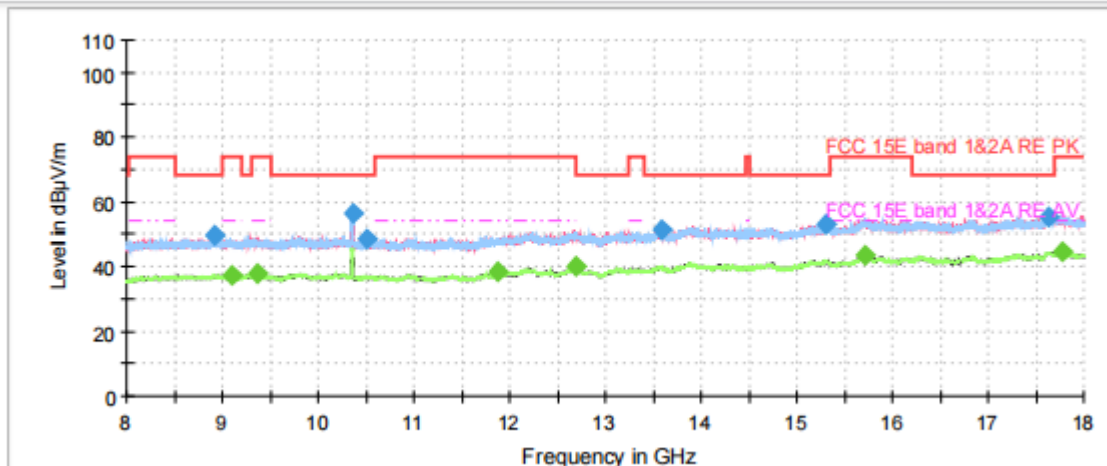


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1291.375000	43.47	---	68.20	24.73	500.0	100.0	V	162.0	-5.4
1345.625000	---	32.79	54.00	21.21	500.0	100.0	H	62.0	-4.9
1673.750000	---	34.09	54.00	19.91	500.0	100.0	H	307.0	-2.4
1783.125000	45.48	---	68.20	22.73	500.0	100.0	H	171.0	-1.7
2590.750000	49.48	---	68.20	18.72	500.0	100.0	V	142.0	1.7
2827.000000	---	38.30	54.00	15.70	500.0	100.0	V	0.0	2.7
3321.375000	51.90	---	68.20	16.30	500.0	100.0	H	336.0	3.6
3905.875000	---	41.31	54.00	12.69	500.0	100.0	H	52.0	5.1
4864.000000	54.48	---	74.00	19.52	500.0	200.0	H	122.0	8.4
4915.625000	---	44.19	54.00	9.81	500.0	100.0	V	73.0	8.4
6810.875000	59.93	---	68.20	8.27	500.0	100.0	V	298.0	11.1
7395.375000	---	48.24	54.00	5.76	500.0	100.0	V	25.0	12.0

Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

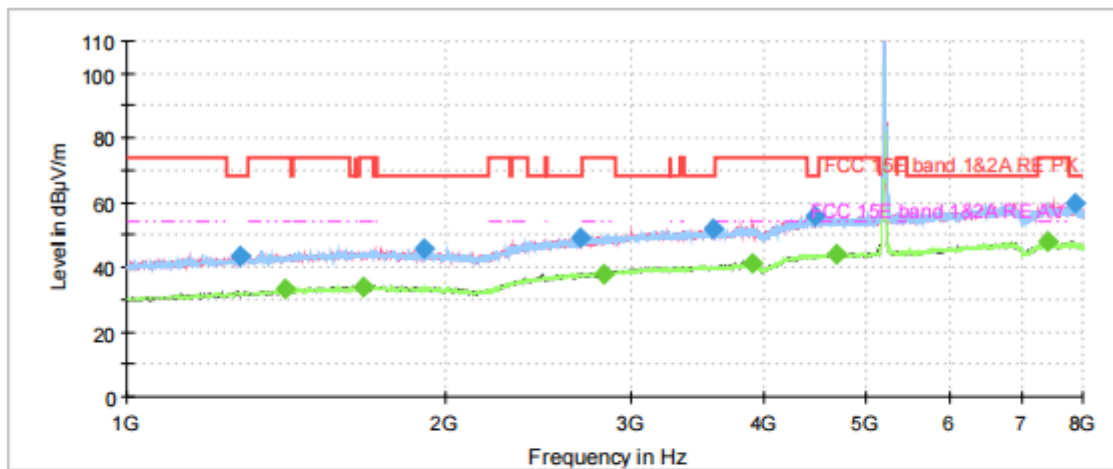


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
8908.750000	49.47	---	68.20	18.73	500.0	200.0	V	95.0	3.2
9097.500000	---	37.14	54.00	16.86	500.0	200.0	H	285.0	3.1
9361.250000	---	37.72	54.00	16.28	500.0	200.0	V	34.0	3.0
10365.000000	56.15	---	68.20	12.05	500.0	200.0	H	73.0	2.4
10502.500000	48.58	---	68.20	19.62	500.0	100.0	H	337.0	2.4
11885.000000	---	38.20	54.00	15.80	500.0	100.0	H	215.0	3.6
12697.500000	---	39.80	54.00	14.20	500.0	200.0	V	55.0	5.1
13597.500000	51.24	---	68.20	16.96	500.0	200.0	V	166.0	5.6
15302.500000	52.88	---	68.20	15.32	500.0	200.0	H	32.0	5.4
15711.250000	---	43.62	54.00	10.38	500.0	200.0	H	3.0	5.9
17628.750000	55.49	---	68.20	12.71	500.0	200.0	V	277.0	9.8
17773.750000	---	44.35	54.00	9.65	500.0	200.0	V	176.0	9.9

Radiates Emission from 8GHz to 18GHz

802.11a CH40

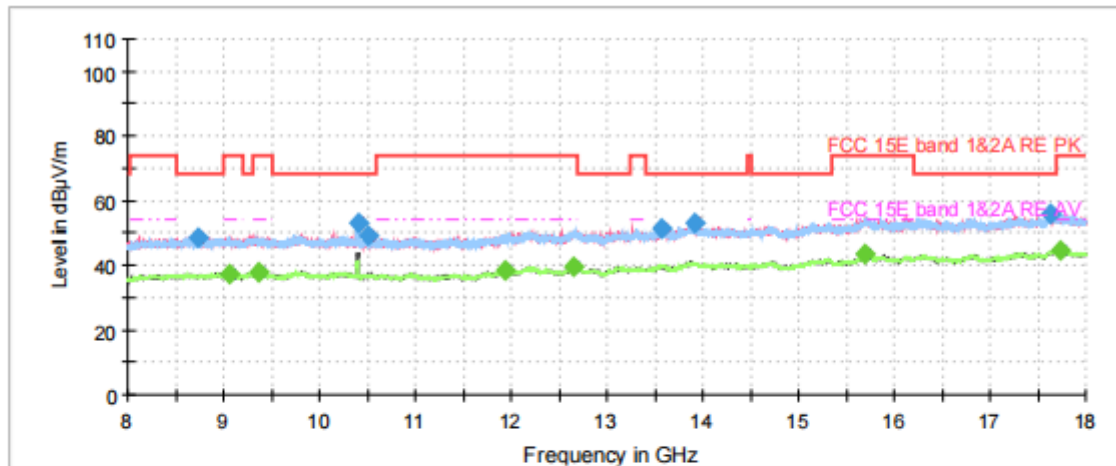


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1280.000000	43.58	---	68.20	24.62	500.0	100.0	H	43.0	-5.4
1412.125000	---	33.17	54.00	20.83	500.0	100.0	H	170.0	-4.4
1676.375000	---	33.92	54.00	20.08	500.0	100.0	V	140.0	-2.4
1909.125000	45.54	---	68.20	22.66	500.0	200.0	H	308.0	-0.6
2676.500000	49.35	---	68.20	18.85	500.0	100.0	H	180.0	2.0
2827.875000	---	38.08	54.00	15.92	500.0	100.0	H	3.0	2.8
3581.250000	52.02	---	68.20	16.18	500.0	200.0	H	112.0	4.1
3895.375000	---	41.20	54.00	12.80	500.0	100.0	V	150.0	5.1
4462.375000	55.80	---	68.20	12.40	500.0	100.0	H	354.0	8.3
4681.125000	---	43.72	54.00	10.28	500.0	100.0	V	13.0	8.3
7399.750000	---	48.05	54.00	5.95	500.0	200.0	V	132.0	12.0
7851.250000	59.88	---	68.20	8.32	500.0	100.0	V	348.0	12.4

Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

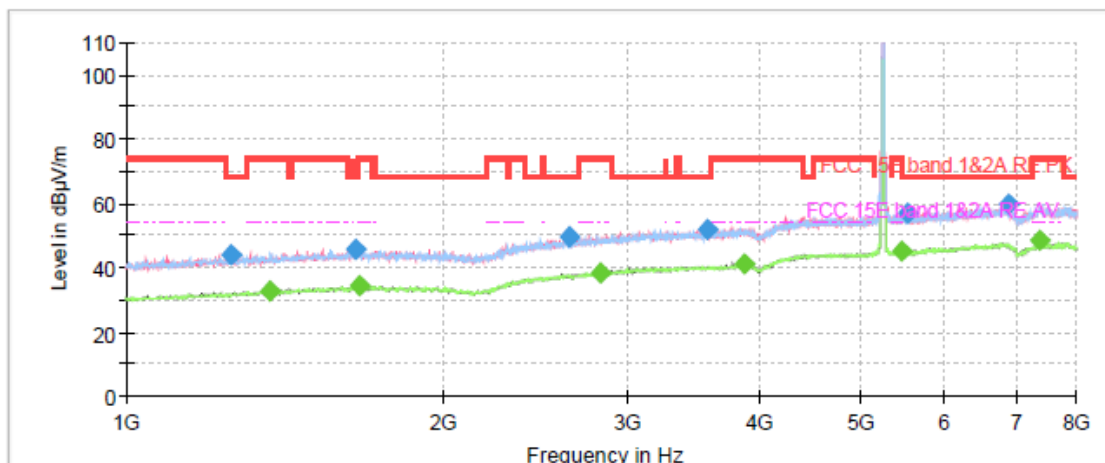


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
8731.250000	48.59	---	68.20	19.61	500.0	200.0	H	204.0	3.0
9058.750000	---	37.38	54.00	16.62	500.0	200.0	H	124.0	3.1
9362.500000	---	37.60	54.00	16.40	500.0	100.0	V	5.0	3.0
10403.750000	53.08	---	68.20	15.12	500.0	100.0	V	75.0	2.4
10516.250000	48.80	---	68.20	19.40	500.0	200.0	V	219.0	2.4
11941.250000	---	38.27	54.00	15.73	500.0	200.0	V	320.0	3.8
12653.750000	---	39.74	54.00	14.26	500.0	100.0	H	354.0	5.1
13572.500000	51.15	---	68.20	17.05	500.0	100.0	H	153.0	5.6
13910.000000	53.03	---	68.20	15.17	500.0	200.0	H	254.0	6.1
15703.750000	---	43.67	54.00	10.33	500.0	200.0	V	119.0	5.9
17638.750000	55.71	---	68.20	12.49	500.0	200.0	H	144.0	9.8
17742.500000	---	44.38	54.00	9.62	500.0	100.0	V	85.0	9.9

Radiates Emission from 8GHz to 18GHz

802.11a CH48

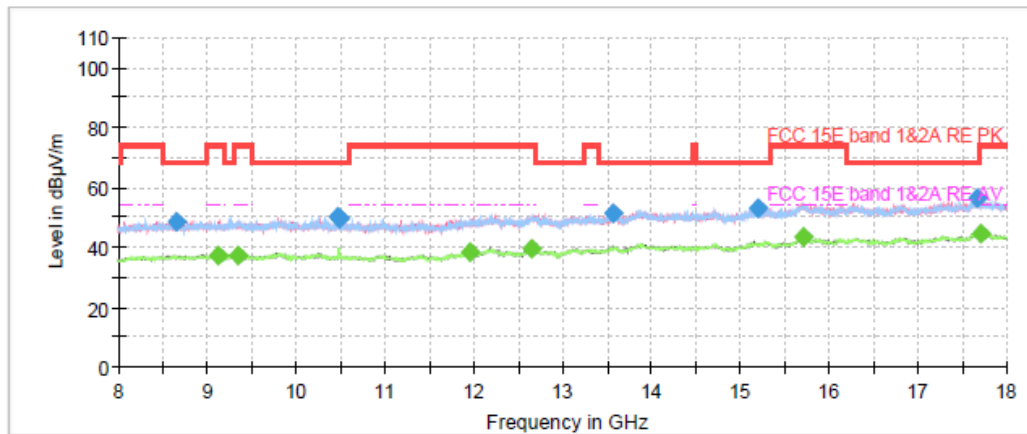


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1258.125000	43.94	---	68.20	24.26	500.0	100.0	H	202.0	-5.6
1371.875000	---	32.89	54.00	21.11	500.0	200.0	H	0.0	-4.7
1648.375000	45.83	---	68.20	22.37	500.0	200.0	H	0.0	-2.6
1666.750000	---	34.16	54.00	19.84	500.0	200.0	H	132.0	-2.4
2642.375000	49.37	---	68.20	18.83	500.0	200.0	H	6.0	1.9
2826.125000	---	38.26	54.00	15.74	500.0	200.0	H	44.0	2.7
3560.250000	51.83	---	68.20	16.37	500.0	100.0	V	357.0	4.0
3866.500000	---	41.21	54.00	12.79	500.0	200.0	V	258.0	5.2
5454.625000	---	45.27	54.00	8.73	500.0	100.0	H	357.0	9.5
5520.250000	56.75	---	68.20	11.45	500.0	200.0	H	44.0	9.6
6902.750000	59.56	---	68.20	8.64	500.0	200.0	H	161.0	10.8
7384.000000	---	48.29	54.00	5.71	500.0	100.0	V	14.0	12.0

Note: The signal beyond the limit is carrier.

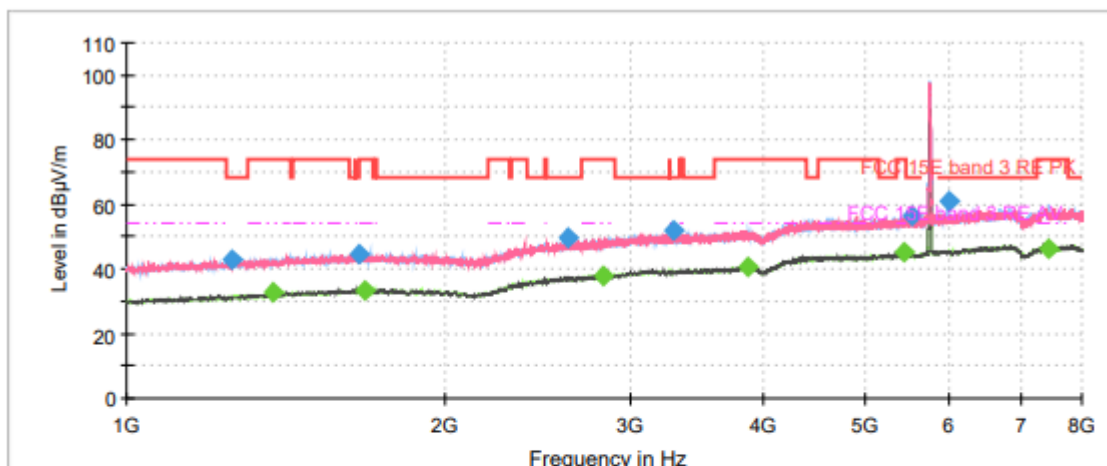
Radiates Emission from 1GHz to 8GHz



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)
8646.250000	48.72	---	68.20	19.48	500.0	100.0	H	318.0	3.1
9115.000000	---	37.20	54.00	16.80	500.0	200.0	H	64.0	3.1
9338.750000	---	37.48	54.00	16.52	500.0	100.0	H	127.0	3.0
10478.750000	49.98	---	68.20	18.22	500.0	200.0	H	54.0	2.4
10483.750000	49.87	---	68.20	18.33	500.0	200.0	H	74.0	2.4
11961.250000	---	38.20	54.00	15.80	500.0	100.0	V	132.0	3.9
12657.500000	---	39.67	54.00	14.33	500.0	100.0	V	52.0	5.1
13578.750000	51.56	---	68.20	16.64	500.0	100.0	H	147.0	5.6
15203.750000	53.12	---	68.20	15.08	500.0	200.0	V	146.0	5.4
15710.000000	---	43.61	54.00	10.39	500.0	100.0	H	338.0	5.9
17673.750000	56.28	---	68.20	11.92	500.0	100.0	V	52.0	9.8
17717.500000	---	44.53	54.00	9.47	500.0	200.0	V	347.0	9.9

Radiates Emission from 8GHz to 18GHz

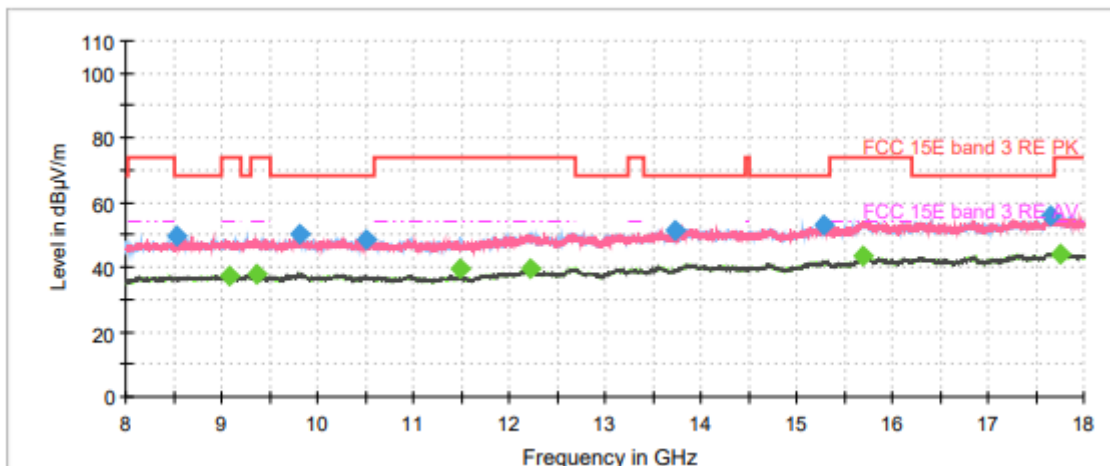


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1259.000000	42.64	---	68.20	25.56	500.0	200.0	H	44.0	-5.6
1377.125000	---	32.66	54.00	21.34	500.0	100.0	V	298.0	-4.6
1659.750000	44.84	---	68.20	23.36	500.0	200.0	V	336.0	-2.5
1678.125000	---	33.47	54.00	20.53	500.0	200.0	V	288.0	-2.4
2612.625000	49.50	---	68.20	18.70	500.0	100.0	H	44.0	1.8
2827.875000	---	38.02	54.00	15.98	500.0	200.0	V	240.0	2.8
3286.375000	51.95	---	68.20	16.25	500.0	200.0	V	298.0	3.5
3862.125000	---	40.70	54.00	13.30	500.0	100.0	H	44.0	5.2
5436.250000	---	45.01	54.00	8.99	500.0	200.0	V	356.0	9.6
5536.875000	56.18	---	68.20	12.02	500.0	200.0	H	122.0	9.5
5984.000000	60.83	---	68.20	7.37	500.0	100.0	H	64.0	9.9
7445.250000	---	46.14	54.00	7.86	500.0	200.0	H	209.0	12.1

Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

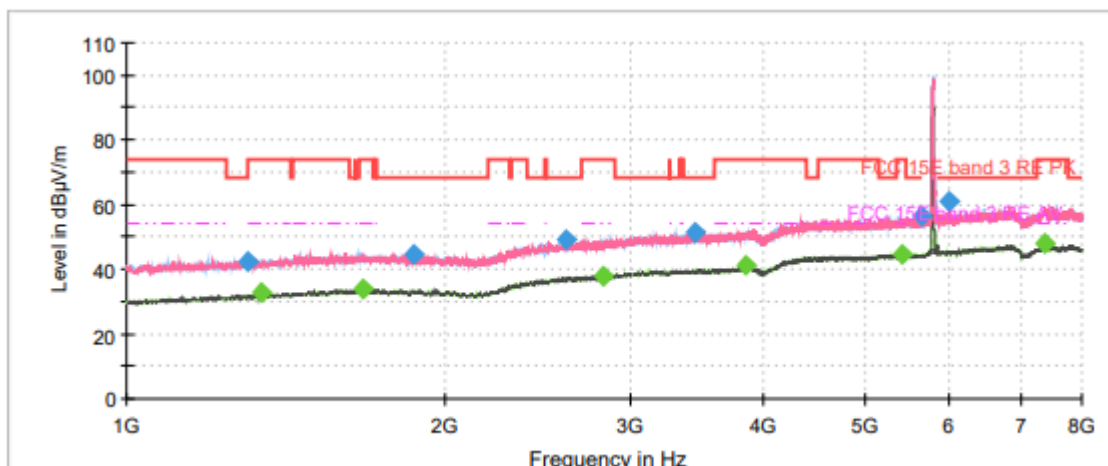


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
8523.750000	49.63	---	68.20	18.57	500.0	200.0	H	185.0	2.9
9077.500000	---	37.32	54.00	16.68	500.0	100.0	H	45.0	3.1
9366.250000	---	37.62	54.00	16.38	500.0	200.0	V	74.0	3.0
9818.750000	50.07	---	68.20	18.13	500.0	200.0	V	105.0	3.2
10501.250000	48.46	---	68.20	19.74	500.0	100.0	H	35.0	2.4
11490.000000	---	39.41	54.00	14.59	500.0	200.0	H	54.0	2.7
12220.000000	---	39.74	54.00	14.26	500.0	200.0	V	0.0	4.6
13728.750000	51.30	---	68.20	16.90	500.0	200.0	V	185.0	5.5
15281.250000	52.97	---	68.20	15.23	500.0	100.0	H	25.0	5.4
15696.250000	---	43.54	54.00	10.46	500.0	200.0	H	0.0	5.9
17662.500000	55.77	---	68.20	12.43	500.0	100.0	H	134.0	9.8
17752.500000	---	44.27	54.00	9.73	500.0	200.0	H	114.0	9.9

Radiates Emission from 8GHz to 18GHz

802.11a CH157

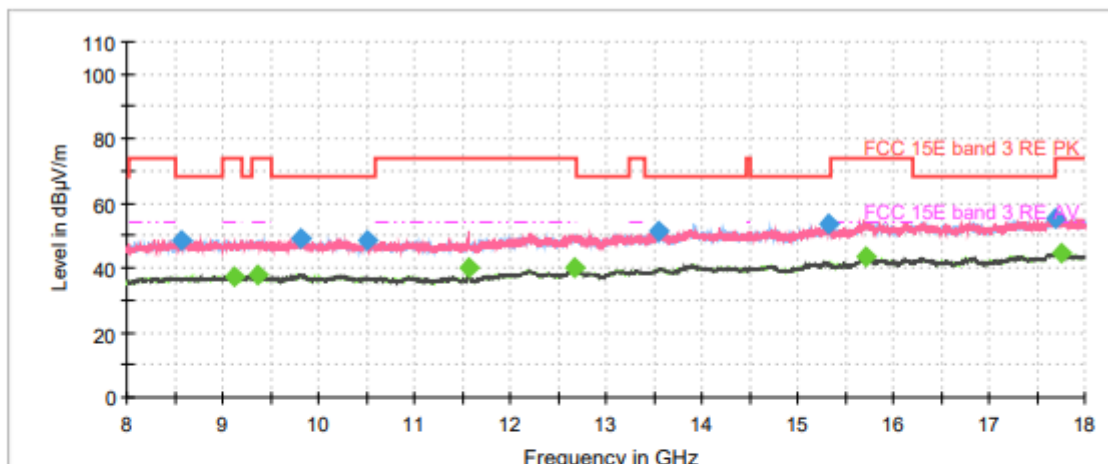


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1299.250000	42.53	---	68.20	25.67	500.0	100.0	H	36.0	-5.3
1338.625000	---	32.67	54.00	21.33	500.0	200.0	V	344.0	-5.0
1675.500000	---	33.79	54.00	20.21	500.0	100.0	V	0.0	-2.4
1871.500000	44.74	---	68.20	23.46	500.0	200.0	V	325.0	-1.0
2607.375000	48.80	---	68.20	19.40	500.0	200.0	H	1.0	1.8
2820.000000	---	37.79	54.00	16.21	500.0	100.0	H	133.0	2.7
3452.625000	51.39	---	68.20	16.81	500.0	200.0	H	1.0	4.0
3856.875000	---	40.96	54.00	13.04	500.0	100.0	V	121.0	5.1
5407.375000	---	44.72	54.00	9.28	500.0	200.0	V	267.0	9.6
5633.125000	56.47	---	68.20	11.73	500.0	200.0	H	200.0	9.7
5995.375000	60.69	---	68.20	7.51	500.0	100.0	V	0.0	9.9
7384.000000	---	47.90	54.00	6.10	500.0	200.0	H	152.0	12.0

Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

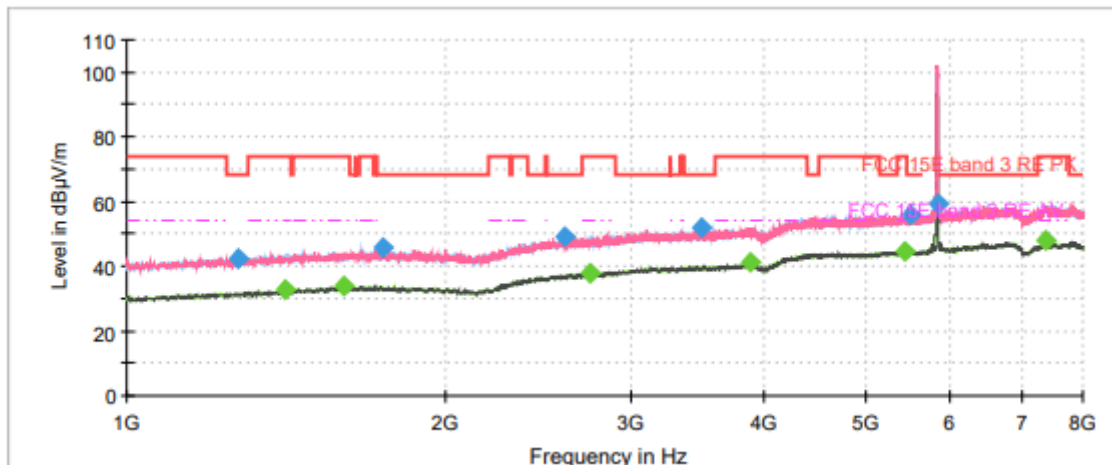


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
8566.250000	48.60	---	68.20	19.60	500.0	200.0	V	206.0	3.0
9112.500000	---	37.16	54.00	16.84	500.0	200.0	V	346.0	3.1
9360.000000	---	37.66	54.00	16.34	500.0	100.0	V	315.0	3.0
9807.500000	48.93	---	68.20	19.27	500.0	200.0	H	46.0	3.2
10500.000000	48.30	---	68.20	19.90	500.0	100.0	H	206.0	2.4
11570.000000	---	39.87	54.00	14.13	500.0	200.0	V	64.0	2.9
12680.000000	---	39.82	54.00	14.18	500.0	200.0	H	216.0	5.1
13545.000000	51.59	---	68.20	16.61	500.0	100.0	H	236.0	5.6
15328.750000	53.46	---	68.20	14.74	500.0	200.0	H	146.0	5.5
15723.750000	---	43.43	54.00	10.57	500.0	200.0	H	126.0	5.9
17688.750000	55.14	---	68.20	13.06	500.0	100.0	V	266.0	9.8
17757.500000	---	44.46	54.00	9.54	500.0	200.0	V	246.0	9.9

Radiates Emission from 8GHz to 18GHz

802.11a CH165

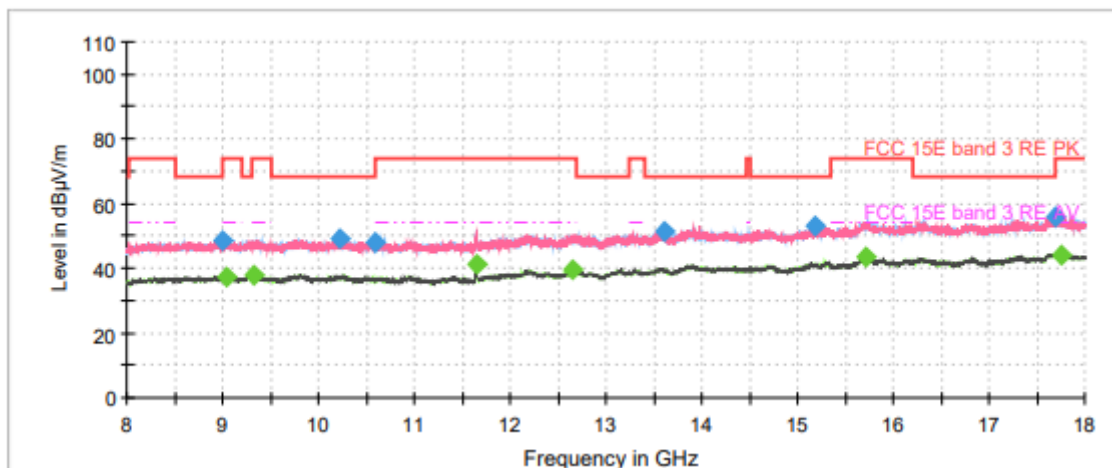


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1273.000000	42.43	---	68.20	25.77	500.0	200.0	V	42.0	-5.5
1413.875000	---	32.44	54.00	21.56	500.0	100.0	H	141.0	-4.4
1602.000000	---	33.80	54.00	20.20	500.0	200.0	H	141.0	-2.9
1742.000000	45.78	---	68.20	22.42	500.0	200.0	H	267.0	-1.9
2593.375000	49.17	---	68.20	19.03	500.0	200.0	H	1.0	1.7
2744.750000	---	37.76	54.00	16.24	500.0	200.0	H	26.0	2.3
3494.625000	52.15	---	68.20	16.05	500.0	100.0	V	296.0	4.1
3883.125000	---	41.05	54.00	12.95	500.0	200.0	V	249.0	5.2
5444.125000	---	44.66	54.00	9.34	500.0	200.0	H	55.0	9.6
5506.250000	56.11	---	68.20	12.09	500.0	200.0	H	306.0	9.6
5851.000000	58.95	---	68.20	9.25	500.0	100.0	V	101.0	9.6
7381.375000	---	47.84	54.00	6.16	500.0	200.0	H	238.0	12.0

Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

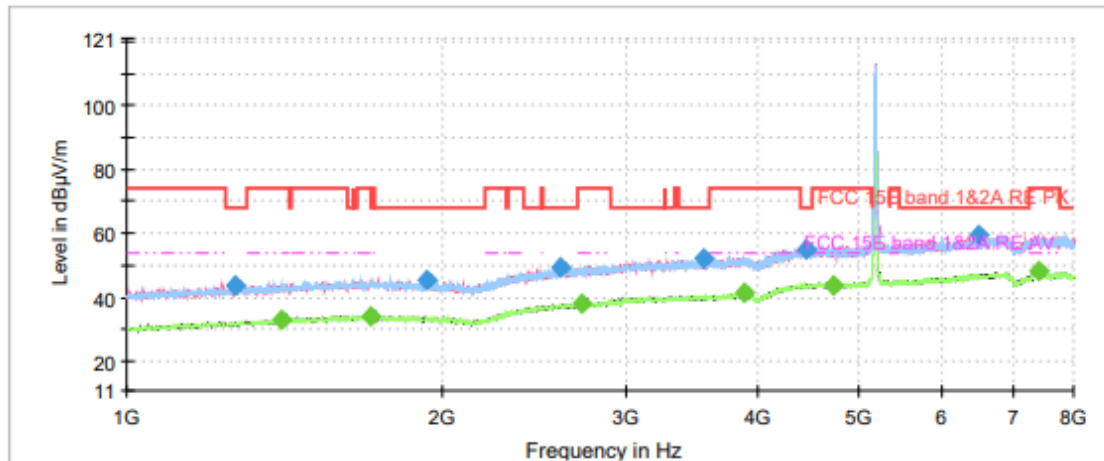


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
8992.500000	48.47	---	68.20	19.73	500.0	200.0	H	43.0	3.1
9040.000000	---	37.21	54.00	16.79	500.0	200.0	V	54.0	3.1
9333.750000	---	37.54	54.00	16.46	500.0	200.0	V	95.0	3.0
10220.000000	49.21	---	68.20	18.99	500.0	100.0	H	85.0	2.7
10587.500000	47.85	---	68.20	20.35	500.0	200.0	V	135.0	2.2
11648.750000	---	41.33	54.00	12.67	500.0	200.0	V	346.0	2.9
12653.750000	---	39.74	54.00	14.26	500.0	100.0	H	0.0	5.1
13618.750000	51.36	---	68.20	16.84	500.0	200.0	V	84.0	5.6
15192.500000	53.09	---	68.20	15.11	500.0	200.0	V	145.0	5.4
15717.500000	---	43.46	54.00	10.54	500.0	100.0	H	144.0	5.9
17697.500000	55.69	---	68.20	12.51	500.0	200.0	H	255.0	9.8
17760.000000	---	44.19	54.00	9.81	500.0	100.0	H	94.0	9.9

Radiates Emission from 8GHz to 18GHz

802.11n CH36

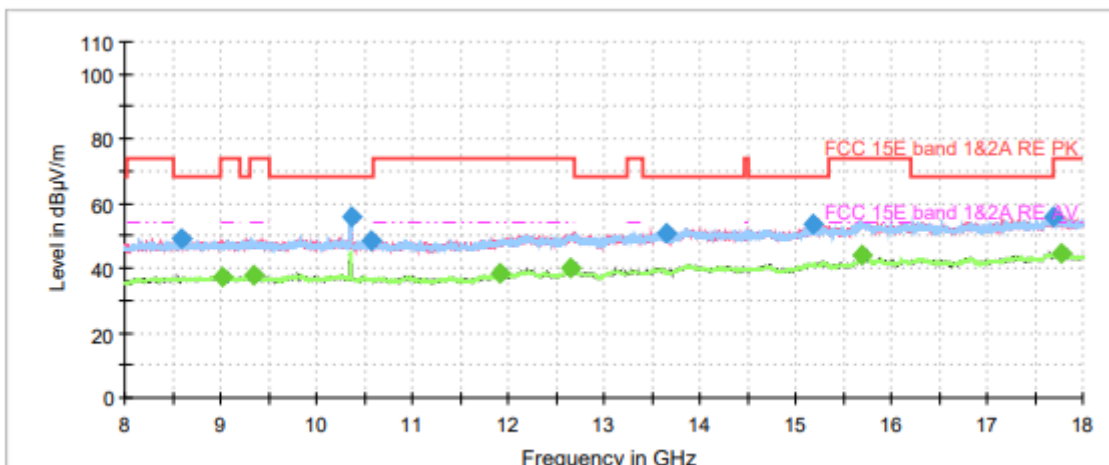


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1268.625000	43.48	---	68.20	24.72	500.0	100.0	V	278.0	-5.5
1406.000000	---	32.94	54.00	21.06	500.0	100.0	H	318.0	-4.4
1707.875000	---	34.05	54.00	19.95	500.0	100.0	H	318.0	-2.1
1933.625000	45.42	---	68.20	22.78	500.0	200.0	V	169.0	-0.4
2594.250000	49.61	---	68.20	18.59	500.0	200.0	H	50.0	1.7
2712.375000	---	38.25	54.00	15.75	500.0	200.0	H	296.0	2.2
3554.125000	52.15	---	68.20	16.05	500.0	200.0	V	198.0	4.0
3884.000000	---	41.24	54.00	12.76	500.0	100.0	V	83.0	5.2
4452.750000	55.09	---	68.20	13.11	500.0	100.0	V	209.0	8.3
4715.250000	---	43.56	54.00	10.44	500.0	200.0	V	257.0	8.3
6496.750000	59.31	---	68.20	8.89	500.0	200.0	H	3.0	10.9
7405.000000	---	48.08	54.00	5.92	500.0	100.0	H	181.0	12.0

Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

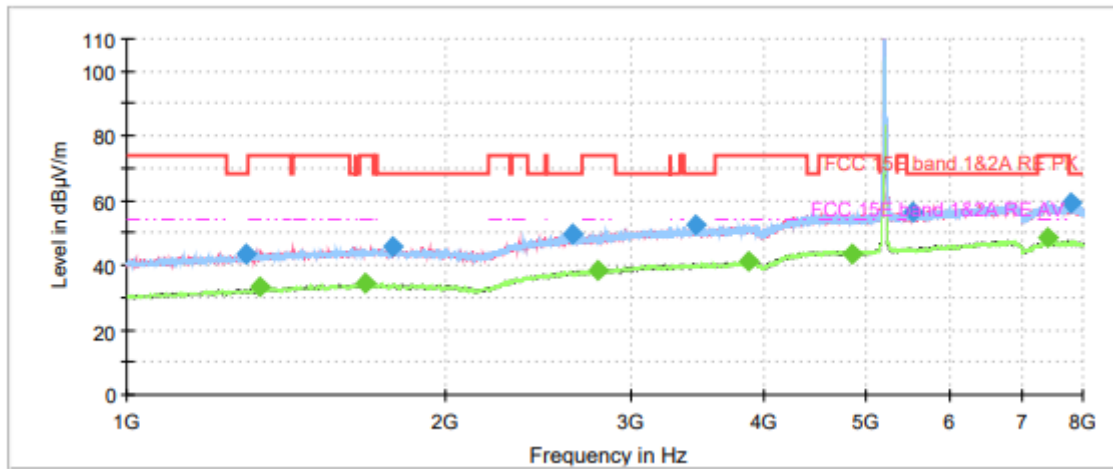


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
8587.500000	49.31	---	68.20	18.89	500.0	200.0	H	0.0	3.0
9012.500000	---	37.43	54.00	16.57	500.0	100.0	H	227.0	3.0
9337.500000	---	37.70	54.00	16.30	500.0	100.0	V	98.0	3.0
10360.000000	55.69	---	68.20	12.51	500.0	200.0	H	61.0	2.4
10567.500000	48.69	---	68.20	19.51	500.0	200.0	H	285.0	2.3
11920.000000	---	38.12	54.00	15.88	500.0	100.0	V	138.0	3.8
12657.500000	---	39.89	54.00	14.11	500.0	200.0	V	227.0	5.1
13643.750000	50.96	---	68.20	17.24	500.0	100.0	V	108.0	5.6
15175.000000	53.34	---	68.20	14.86	500.0	100.0	V	98.0	5.4
15697.500000	---	43.82	54.00	10.18	500.0	100.0	V	58.0	5.9
17692.500000	55.58	---	68.20	12.62	500.0	200.0	H	203.0	9.8
17773.750000	---	44.78	54.00	9.22	500.0	100.0	H	347.0	9.9

Radiates Emission from 8GHz to 18GHz

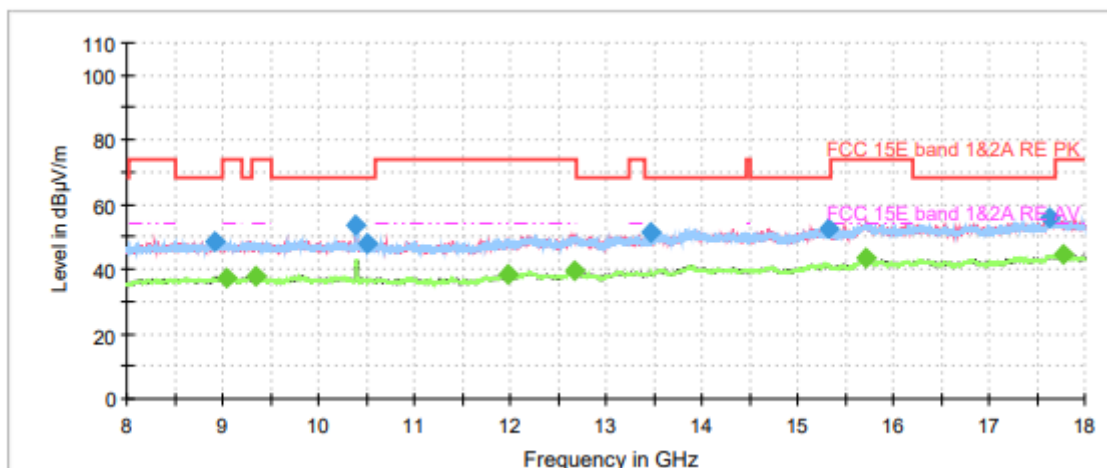
802.11n CH40



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)
1294.000000	43.25	---	68.20	24.95	500.0	100.0	V	278.0	-5.3
1336.000000	---	33.14	54.00	20.86	500.0	100.0	H	201.0	-5.0
1680.750000	---	34.21	54.00	19.79	500.0	200.0	H	227.0	-2.3
1784.875000	45.81	---	68.20	22.39	500.0	100.0	H	72.0	-1.7
2636.250000	49.85	---	68.20	18.35	500.0	200.0	H	207.0	1.9
2785.000000	---	38.64	54.00	15.36	500.0	200.0	V	257.0	2.5
3443.875000	52.24	---	68.20	15.96	500.0	200.0	V	345.0	4.0
3874.375000	---	41.27	54.00	12.73	500.0	100.0	H	0.0	5.2
4840.375000	---	43.31	54.00	10.69	500.0	200.0	V	92.0	8.4
5534.250000	56.67	---	68.20	11.53	500.0	200.0	V	316.0	9.6
7398.875000	---	48.33	54.00	5.67	500.0	200.0	H	32.0	12.0
7804.000000	59.27	---	68.20	8.93	500.0	200.0	H	129.0	12.3

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

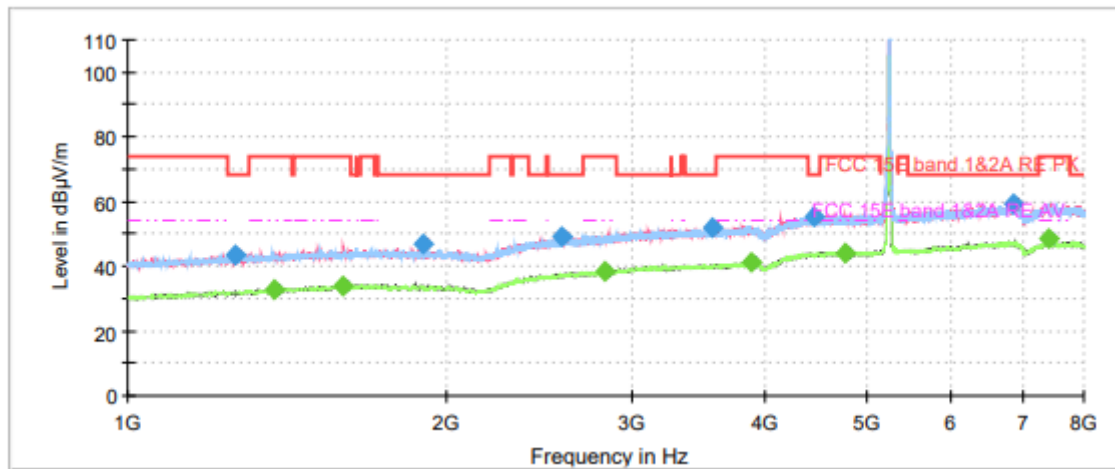


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
8927.500000	48.40	---	68.20	19.80	500.0	200.0	V	94.0	3.3
9032.500000	---	37.05	54.00	16.95	500.0	100.0	H	207.0	3.0
9353.750000	---	37.62	54.00	16.38	500.0	200.0	V	84.0	3.0
10396.250000	53.57	---	68.20	14.63	500.0	100.0	H	54.0	2.4
10500.000000	47.83	---	68.20	20.37	500.0	200.0	V	185.0	2.4
11980.000000	---	38.26	54.00	15.74	500.0	200.0	V	4.0	3.9
12670.000000	---	39.56	54.00	14.44	500.0	100.0	V	114.0	5.1
13468.750000	51.53	---	68.20	16.67	500.0	200.0	V	225.0	5.3
15320.000000	52.70	---	68.20	15.50	500.0	200.0	V	104.0	5.4
15707.500000	---	43.64	54.00	10.36	500.0	100.0	H	356.0	5.9
17626.250000	55.80	---	68.20	12.40	500.0	200.0	V	94.0	9.8
17770.000000	---	44.62	54.00	9.38	500.0	200.0	H	0.0	9.9

Radiates Emission from 8GHz to 18GHz

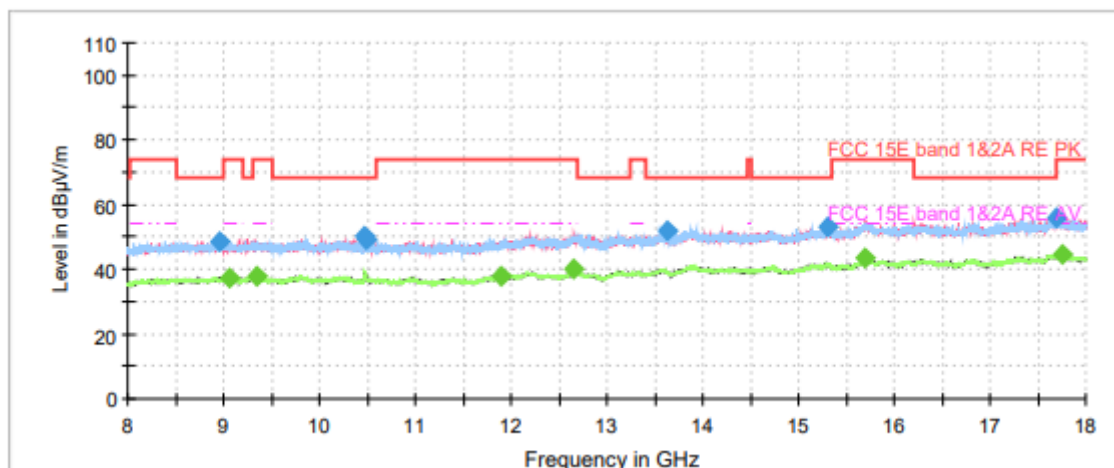
802.11n CH48



Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Poi	Azimuth (deg)	Corr. (dB)
1261.625000	43.47	---	68.20	24.73	500.0	100.0	H	52.0	-5.6
1375.375000	---	32.84	54.00	21.16	500.0	200.0	V	317.0	-4.7
1593.250000	---	34.06	54.00	19.94	500.0	100.0	V	130.0	-3.0
1898.625000	46.68	---	68.20	21.52	500.0	100.0	H	295.0	-0.7
2567.125000	49.01	---	68.20	19.19	500.0	200.0	V	287.0	1.6
2824.375000	---	38.39	54.00	15.61	500.0	200.0	H	54.0	2.7
3572.500000	51.85	---	68.20	16.35	500.0	100.0	V	218.0	4.1
3887.500000	---	41.18	54.00	12.82	500.0	100.0	V	288.0	5.1
4451.875000	55.08	---	68.20	13.12	500.0	100.0	V	24.0	8.3
4769.500000	---	43.94	54.00	10.06	500.0	100.0	V	189.0	8.4
6868.625000	59.44	---	68.20	8.76	500.0	100.0	H	295.0	11.0
7424.250000	---	48.24	54.00	5.76	500.0	100.0	V	12.0	12.0

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

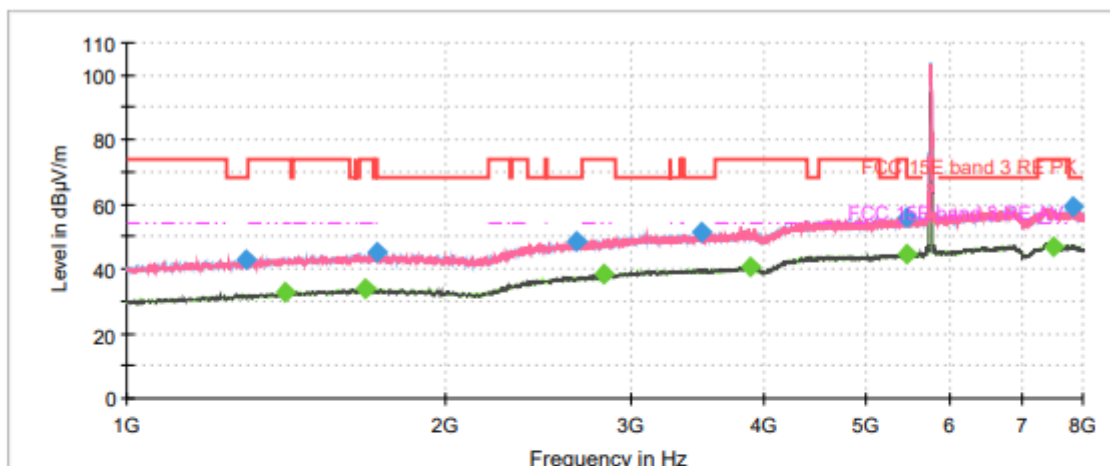


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
8958.750000	48.74	---	68.20	19.46	500.0	200.0	H	155.0	3.2
9066.250000	---	37.29	54.00	16.71	500.0	200.0	V	244.0	3.1
9356.250000	---	37.78	54.00	16.22	500.0	100.0	H	226.0	3.0
10476.250000	50.39	---	68.20	17.81	500.0	200.0	H	74.0	2.4
10485.000000	49.06	---	68.20	19.14	500.0	200.0	H	337.0	2.4
11891.250000	---	38.01	54.00	15.99	500.0	200.0	H	226.0	3.6
12656.250000	---	39.83	54.00	14.17	500.0	100.0	V	0.0	5.1
13635.000000	51.73	---	68.20	16.47	500.0	200.0	H	347.0	5.6
15306.250000	52.84	---	68.20	15.36	500.0	200.0	V	22.0	5.4
15698.750000	---	43.69	54.00	10.31	500.0	100.0	V	72.0	5.9
17693.750000	55.82	---	68.20	12.38	500.0	200.0	H	307.0	9.8
17748.750000	---	44.55	54.00	9.45	500.0	200.0	H	175.0	9.9

Radiates Emission from 8GHz to 18GHz

802.11n (HT20) CH149

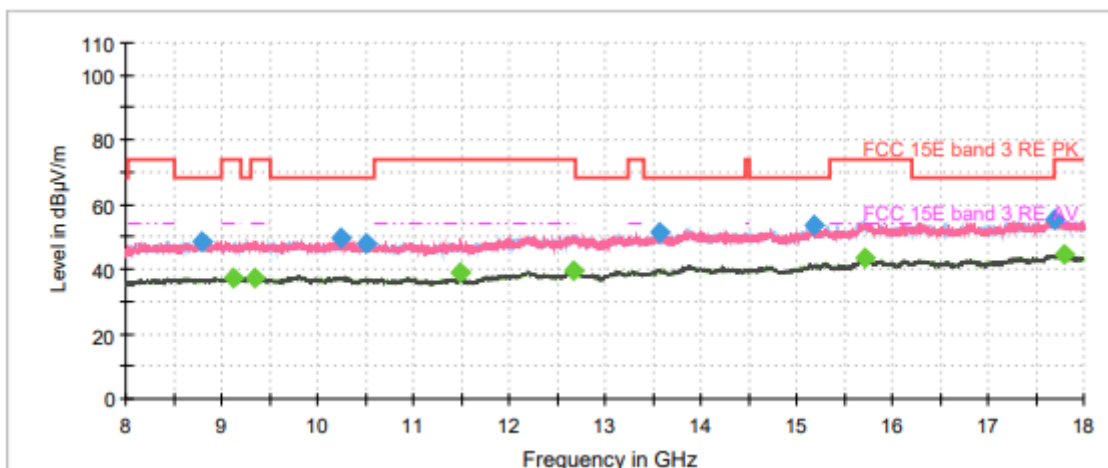


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1297.500000	42.73	---	68.20	25.47	500.0	200.0	V	0.0	-5.3
1410.375000	---	32.53	54.00	21.47	500.0	100.0	V	306.0	-4.4
1677.250000	---	33.69	54.00	20.31	500.0	200.0	H	0.0	-2.4
1722.750000	45.25	---	68.20	22.95	500.0	200.0	V	257.0	-2.0
2657.250000	48.35	---	68.20	19.85	500.0	100.0	V	276.0	2.0
2822.625000	---	38.18	54.00	15.82	500.0	200.0	H	45.0	2.7
3486.750000	51.48	---	68.20	16.72	500.0	200.0	H	0.0	4.1
3878.750000	---	40.70	54.00	13.30	500.0	100.0	V	238.0	5.2
5456.375000	---	44.75	54.00	9.25	500.0	200.0	V	112.0	9.5
5466.875000	55.94	---	68.20	12.26	500.0	200.0	H	113.0	9.5
7514.375000	---	46.83	54.00	7.17	500.0	100.0	V	325.0	12.3
7831.125000	59.21	---	68.20	8.99	500.0	200.0	H	181.0	12.3

Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

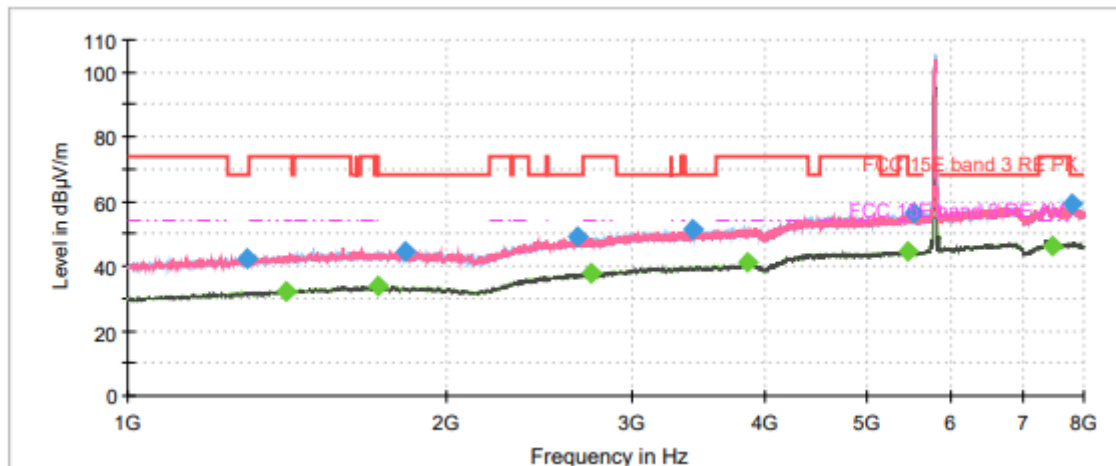


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
8790.000000	48.50	---	68.20	19.70	500.0	200.0	H	0.0	2.8
9122.500000	---	37.22	54.00	16.78	500.0	200.0	H	100.0	3.1
9338.750000	---	37.41	54.00	16.59	500.0	100.0	H	100.0	3.0
10236.250000	49.67	---	68.20	18.53	500.0	200.0	V	329.0	2.7
10505.000000	48.07	---	68.20	20.13	500.0	200.0	V	95.0	2.4
11491.250000	---	39.16	54.00	14.84	500.0	200.0	H	347.0	2.7
12665.000000	---	39.56	54.00	14.44	500.0	100.0	V	288.0	5.1
13570.000000	51.49	---	68.20	16.71	500.0	200.0	H	100.0	5.6
15193.750000	53.51	---	68.20	14.69	500.0	200.0	V	126.0	5.4
15723.750000	---	43.52	54.00	10.48	500.0	100.0	H	60.0	5.9
17698.750000	55.54	---	68.20	12.66	500.0	200.0	H	151.0	9.8
17787.500000	---	44.52	54.00	9.48	500.0	200.0	H	70.0	10.0

Radiates Emission from 8GHz to 18GHz

802.11n (HT20) CH157

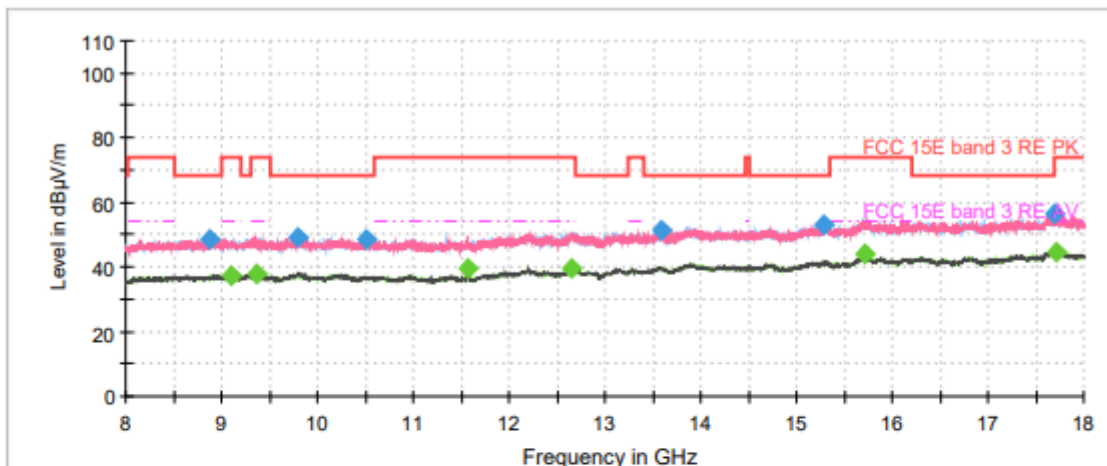


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1298.375000	42.47	---	68.20	25.73	500.0	200.0	H	46.0	-5.3
1411.250000	---	32.33	54.00	21.67	500.0	100.0	V	314.0	-4.4
1720.125000	---	33.89	54.00	20.11	500.0	200.0	H	268.0	-2.1
1833.000000	44.64	---	68.20	23.56	500.0	200.0	H	142.0	-1.3
2664.250000	49.29	---	68.20	18.91	500.0	100.0	H	239.0	2.0
2739.500000	---	38.06	54.00	15.94	500.0	200.0	H	142.0	2.3
3418.500000	51.60	---	68.20	16.60	500.0	200.0	H	151.0	4.0
3856.875000	---	41.15	54.00	12.85	500.0	200.0	H	1.0	5.1
5452.000000	---	44.66	54.00	9.34	500.0	100.0	V	189.0	9.5
5521.125000	56.29	---	68.20	11.91	500.0	200.0	H	297.0	9.6
7462.750000	---	46.46	54.00	7.54	500.0	200.0	H	229.0	12.1
7806.625000	59.29	---	68.20	8.91	500.0	100.0	V	359.0	12.3

Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

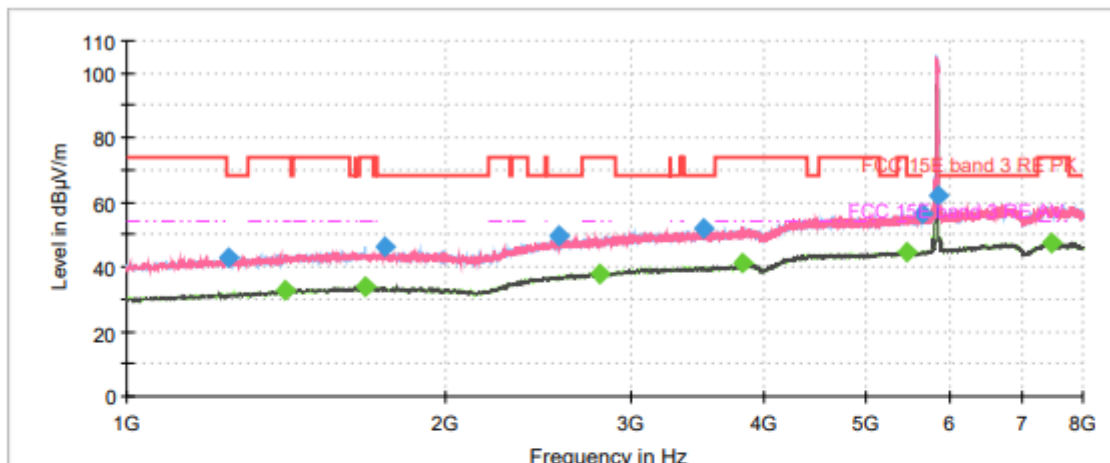


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
8885.000000	48.56	---	68.20	19.64	500.0	200.0	H	21.0	3.1
9106.250000	---	37.18	54.00	16.82	500.0	200.0	V	0.0	3.1
9361.250000	---	37.66	54.00	16.34	500.0	100.0	H	10.0	3.0
9796.250000	49.13	---	68.20	19.07	500.0	200.0	H	264.0	3.2
10516.250000	48.62	---	68.20	19.58	500.0	200.0	H	232.0	2.4
11572.500000	---	39.73	54.00	14.27	500.0	200.0	H	61.0	2.9
12653.750000	---	39.59	54.00	14.41	500.0	100.0	V	186.0	5.1
13586.250000	51.24	---	68.20	16.96	500.0	100.0	H	21.0	5.6
15295.000000	53.25	---	68.20	14.95	500.0	200.0	H	131.0	5.4
15706.250000	---	43.84	54.00	10.16	500.0	200.0	V	237.0	5.9
17692.500000	56.18	---	68.20	12.02	500.0	100.0	V	277.0	9.8
17713.750000	---	44.45	54.00	9.55	500.0	200.0	V	106.0	9.9

Radiates Emission from 8GHz to 18GHz

802.11n (HT20) CH165

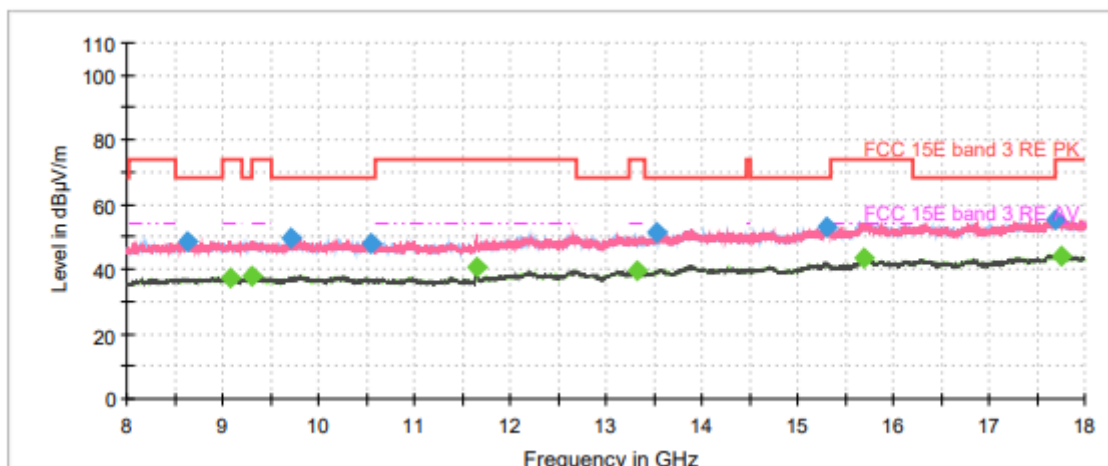


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1248.500000	42.97	---	68.20	25.23	500.0	200.0	H	84.0	-5.7
1413.000000	---	32.55	54.00	21.45	500.0	100.0	V	256.0	-4.4
1683.375000	---	33.78	54.00	20.22	500.0	200.0	V	324.0	-2.3
1752.500000	46.39	---	68.20	21.81	500.0	200.0	V	314.0	-1.8
2558.375000	49.54	---	68.20	18.66	500.0	100.0	H	103.0	1.5
2792.875000	---	38.01	54.00	15.99	500.0	200.0	V	353.0	2.6
3506.000000	51.92	---	68.20	16.28	500.0	200.0	H	5.0	4.0
3821.000000	---	41.15	54.00	12.85	500.0	200.0	H	123.0	4.9
5449.375000	---	44.69	54.00	9.31	500.0	100.0	V	81.0	9.5
5644.500000	56.15	---	68.20	12.05	500.0	200.0	V	359.0	9.7
5850.125000	62.16	---	68.20	6.04	500.0	100.0	H	103.0	9.6
7489.000000	---	47.31	54.00	6.69	500.0	200.0	V	159.0	12.2

Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

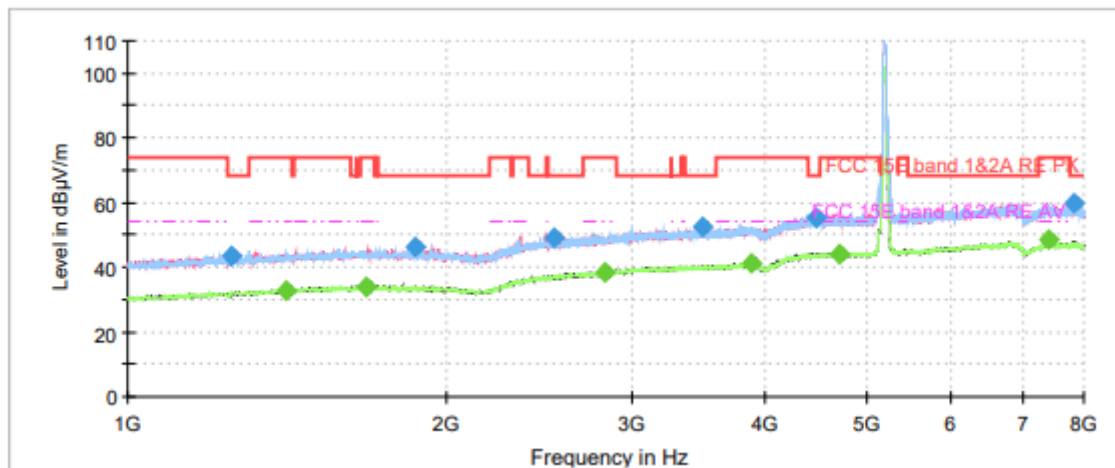


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
8627.500000	48.59	---	68.20	19.61	500.0	200.0	H	103.0	3.1
9077.500000	---	37.19	54.00	16.81	500.0	200.0	V	115.0	3.1
9308.750000	---	37.67	54.00	16.33	500.0	200.0	V	357.0	3.0
9721.250000	49.74	---	68.20	18.46	500.0	100.0	H	103.0	3.1
10547.500000	48.12	---	68.20	20.08	500.0	200.0	V	297.0	2.3
11650.000000	---	40.56	54.00	13.44	500.0	200.0	V	64.0	2.9
13328.750000	---	39.64	54.00	14.36	500.0	200.0	H	23.0	5.2
13530.000000	51.41	---	68.20	16.79	500.0	100.0	H	305.0	5.5
15298.750000	52.98	---	68.20	15.22	500.0	100.0	H	326.0	5.4
15700.000000	---	43.67	54.00	10.33	500.0	200.0	H	173.0	5.9
17698.750000	55.43	---	68.20	12.77	500.0	100.0	V	176.0	9.8
17761.250000	---	44.20	54.00	9.80	500.0	200.0	H	204.0	9.9

Radiates Emission from 8GHz to 18GHz

802.11n (HT40) CH38

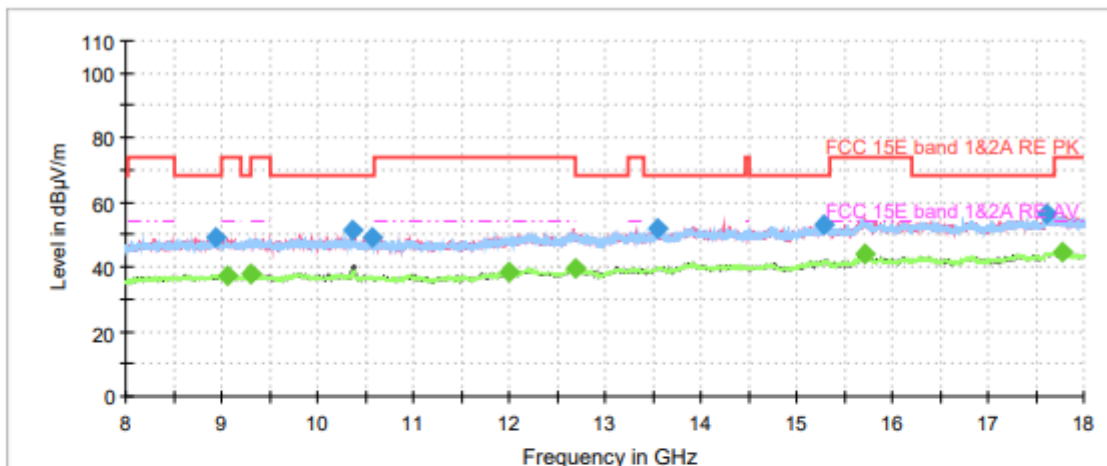


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1251.125000	43.23	---	68.20	24.97	500.0	100.0	H	259.0	-5.7
1410.375000	---	32.85	54.00	21.15	500.0	200.0	H	5.0	-4.4
1679.875000	---	34.06	54.00	19.94	500.0	100.0	V	298.0	-2.3
1870.625000	46.04	---	68.20	22.16	500.0	200.0	H	24.0	-1.0
2527.750000	49.01	---	68.20	19.19	500.0	200.0	H	150.0	1.4
2827.875000	---	38.36	54.00	15.64	500.0	200.0	H	63.0	2.8
3498.125000	52.19	---	68.20	16.01	500.0	100.0	H	142.0	4.0
3884.875000	---	41.40	54.00	12.60	500.0	100.0	H	0.0	5.2
4459.750000	55.33	---	68.20	12.87	500.0	200.0	V	290.0	8.3
4710.000000	---	43.99	54.00	10.01	500.0	100.0	H	338.0	8.3
7402.375000	---	48.41	54.00	5.59	500.0	100.0	H	289.0	12.0
7830.250000	59.60	---	68.20	8.60	500.0	200.0	V	309.0	12.3

Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

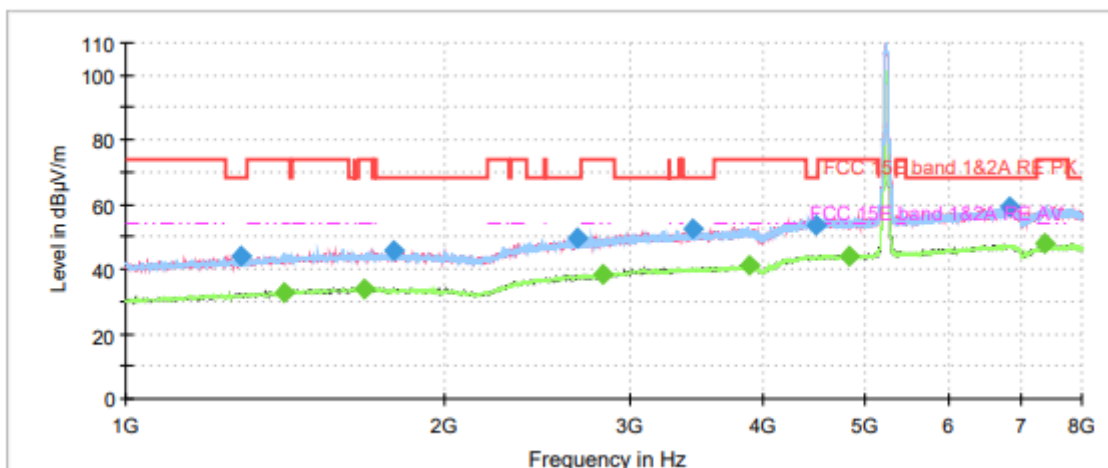


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
8938.750000	48.93	---	68.20	19.27	500.0	200.0	V	174.0	3.3
9061.250000	---	37.44	54.00	16.56	500.0	200.0	V	53.0	3.1
9302.500000	---	37.61	54.00	16.39	500.0	100.0	H	297.0	3.0
10362.500000	51.11	---	68.20	17.09	500.0	200.0	V	63.0	2.4
10576.250000	48.92	---	68.20	19.28	500.0	100.0	H	85.0	2.3
11991.250000	---	38.16	54.00	15.84	500.0	200.0	V	63.0	4.0
12695.000000	---	39.70	54.00	14.30	500.0	200.0	H	297.0	5.1
13548.750000	51.66	---	68.20	16.54	500.0	100.0	V	214.0	5.6
15290.000000	53.02	---	68.20	15.18	500.0	200.0	V	12.0	5.4
15711.250000	---	44.03	54.00	9.97	500.0	200.0	V	224.0	5.9
17603.750000	56.16	---	68.20	12.04	500.0	100.0	H	266.0	9.8
17775.000000	---	44.58	54.00	9.42	500.0	200.0	V	83.0	10.0

Radiates Emission from 8GHz to 18GHz

802.11n (HT40) CH46

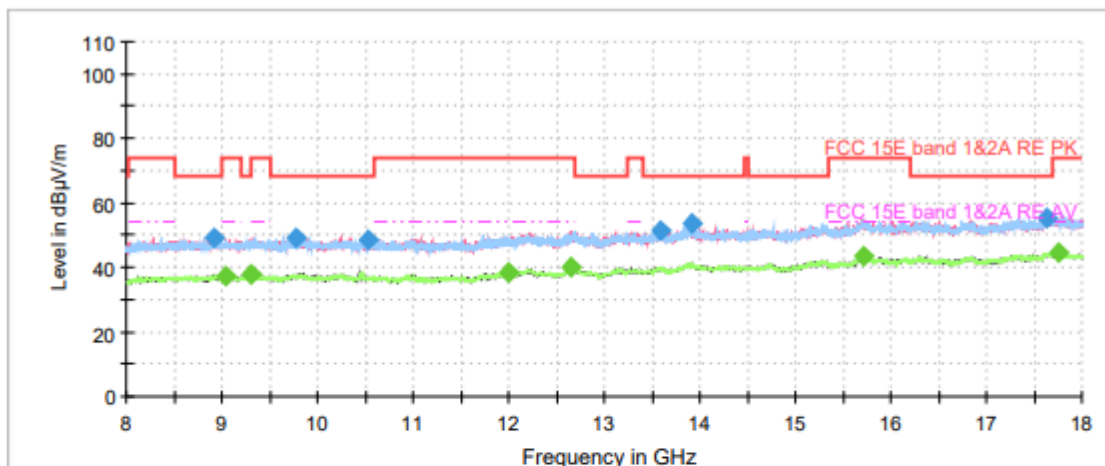


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1287.000000	43.89	---	68.20	24.31	500.0	100.0	H	297.0	-5.4
1413.875000	---	32.99	54.00	21.01	500.0	200.0	H	298.0	-4.4
1677.250000	---	33.98	54.00	20.02	500.0	200.0	H	298.0	-2.4
1787.500000	45.72	---	68.20	22.48	500.0	100.0	H	169.0	-1.6
2671.250000	49.39	---	68.20	18.81	500.0	200.0	H	35.0	2.0
2821.750000	---	38.51	54.00	15.49	500.0	200.0	V	306.0	2.7
3425.500000	52.24	---	68.20	15.96	500.0	200.0	H	84.0	4.0
3884.000000	---	41.34	54.00	12.66	500.0	200.0	V	230.0	5.2
4490.375000	53.86	---	68.20	14.34	500.0	100.0	H	354.0	8.3
4830.750000	---	43.92	54.00	10.08	500.0	100.0	V	179.0	8.4
6839.750000	59.09	---	68.20	9.11	500.0	200.0	V	191.0	11.1
7376.125000	---	48.12	54.00	5.88	500.0	100.0	H	130.0	11.9

Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

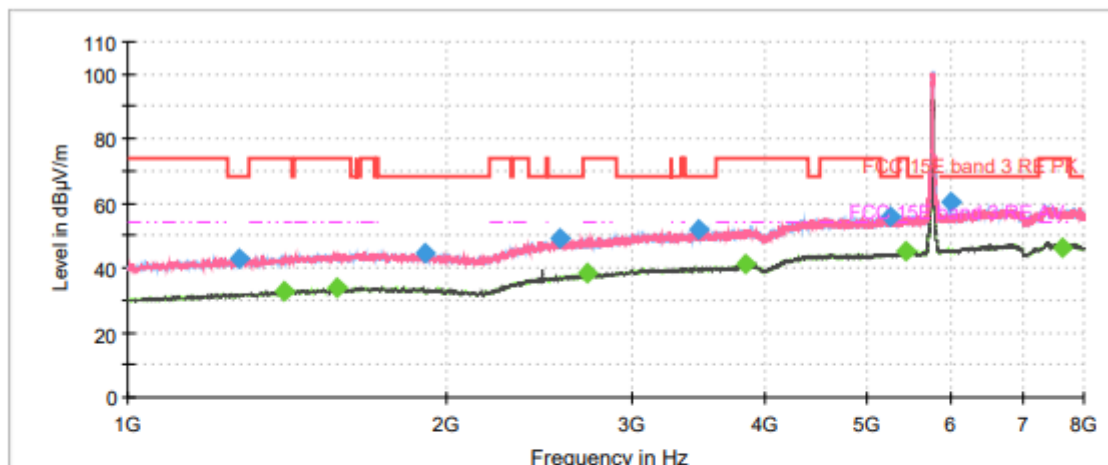


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
8920.000000	49.15	---	68.20	19.05	500.0	200.0	V	4.0	3.3
9036.250000	---	37.26	54.00	16.74	500.0	200.0	H	125.0	3.0
9315.000000	---	37.60	54.00	16.40	500.0	100.0	V	94.0	3.0
9781.250000	49.26	---	68.20	18.94	500.0	200.0	V	73.0	3.2
10531.250000	48.36	---	68.20	19.84	500.0	100.0	V	235.0	2.4
11992.500000	---	38.41	54.00	15.59	500.0	200.0	V	255.0	4.0
12656.250000	---	40.05	54.00	13.95	500.0	200.0	H	326.0	5.1
13593.750000	51.06	---	68.20	17.14	500.0	100.0	V	0.0	5.6
13918.750000	53.35	---	68.20	14.85	500.0	200.0	H	135.0	6.1
15710.000000	---	43.68	54.00	10.32	500.0	100.0	H	346.0	5.9
17623.750000	55.27	---	68.20	12.93	500.0	200.0	V	0.0	9.8
17746.250000	---	44.58	54.00	9.42	500.0	200.0	V	114.0	9.9

Radiates Emission from 8GHz to 18GHz

802.11n (HT40) CH151

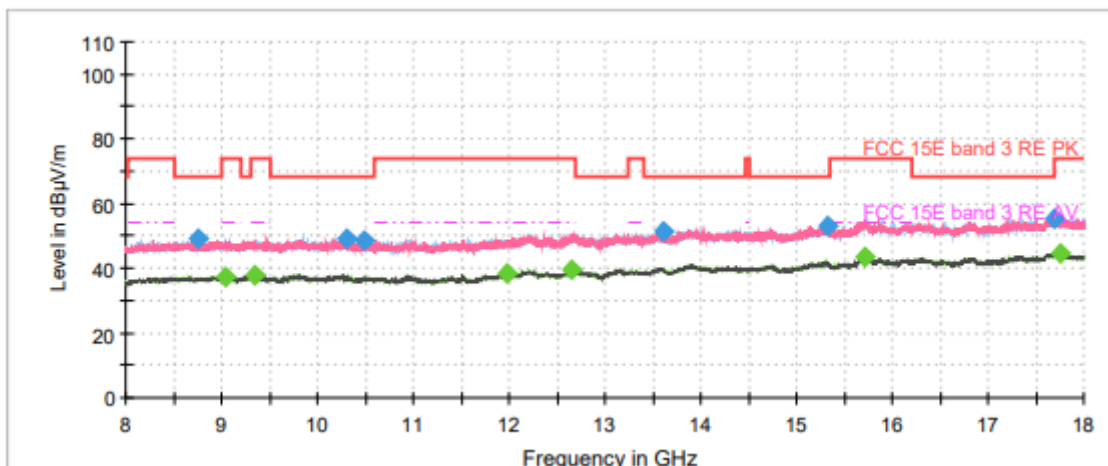


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1276.500000	42.84	---	68.20	25.36	500.0	200.0	V	276.0	-5.5
1406.875000	---	32.63	54.00	21.37	500.0	200.0	V	228.0	-4.4
1573.125000	---	34.01	54.00	19.99	500.0	100.0	H	32.0	-3.1
1904.750000	44.83	---	68.20	23.37	500.0	200.0	V	315.0	-0.7
2558.375000	48.98	---	68.20	19.22	500.0	200.0	V	267.0	1.5
2716.750000	---	38.26	54.00	15.74	500.0	100.0	V	315.0	2.2
3463.125000	52.07	---	68.20	16.13	500.0	200.0	V	53.0	4.0
3836.750000	---	41.41	54.00	12.59	500.0	200.0	V	189.0	5.0
5258.625000	56.01	---	68.20	12.19	500.0	100.0	V	257.0	9.1
5434.500000	---	44.94	54.00	9.06	500.0	200.0	V	248.0	9.6
5995.375000	60.41	---	68.20	7.79	500.0	200.0	H	258.0	9.9
7619.375000	---	46.03	54.00	7.97	500.0	100.0	H	102.0	12.1

Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

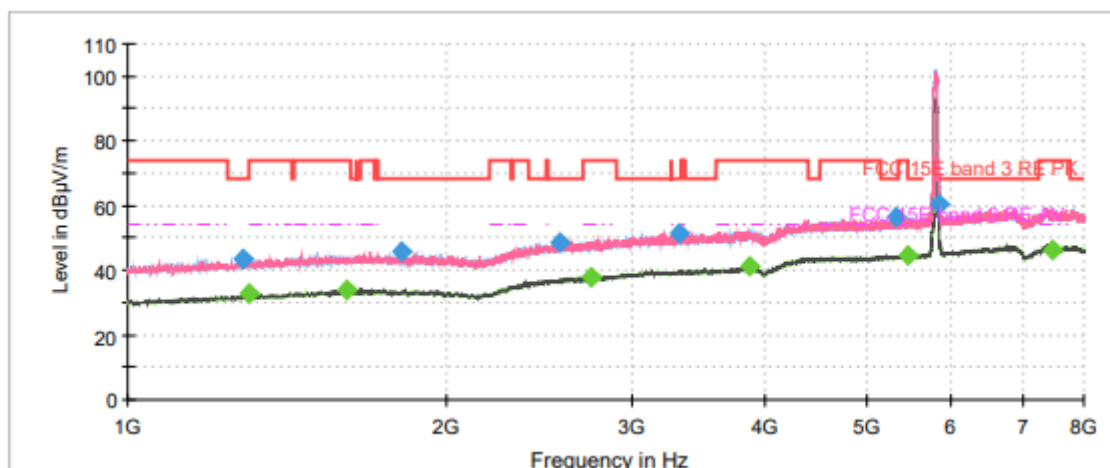


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Poi	Azimuth (deg)	Corr. (dB)
8765.000000	48.93	---	68.20	19.27	500.0	200.0	V	240.0	2.9
9035.000000	---	37.33	54.00	16.67	500.0	200.0	V	157.0	3.0
9348.750000	---	37.54	54.00	16.46	500.0	100.0	H	93.0	3.0
10310.000000	49.07	---	68.20	19.13	500.0	200.0	V	269.0	2.6
10483.750000	48.24	---	68.20	19.96	500.0	200.0	V	340.0	2.4
11976.250000	---	38.08	54.00	15.92	500.0	100.0	V	126.0	3.9
12650.000000	---	39.73	54.00	14.27	500.0	200.0	V	0.0	5.1
13618.750000	51.51	---	68.20	16.69	500.0	200.0	H	305.0	5.6
15331.250000	53.11	---	68.20	15.09	500.0	100.0	H	153.0	5.5
15712.500000	---	43.61	54.00	10.39	500.0	200.0	V	240.0	5.9
17698.750000	55.52	---	68.20	12.68	500.0	200.0	H	205.0	9.8
17745.000000	---	44.51	54.00	9.49	500.0	100.0	H	0.0	9.9

Radiates Emission from 8GHz to 18GHz

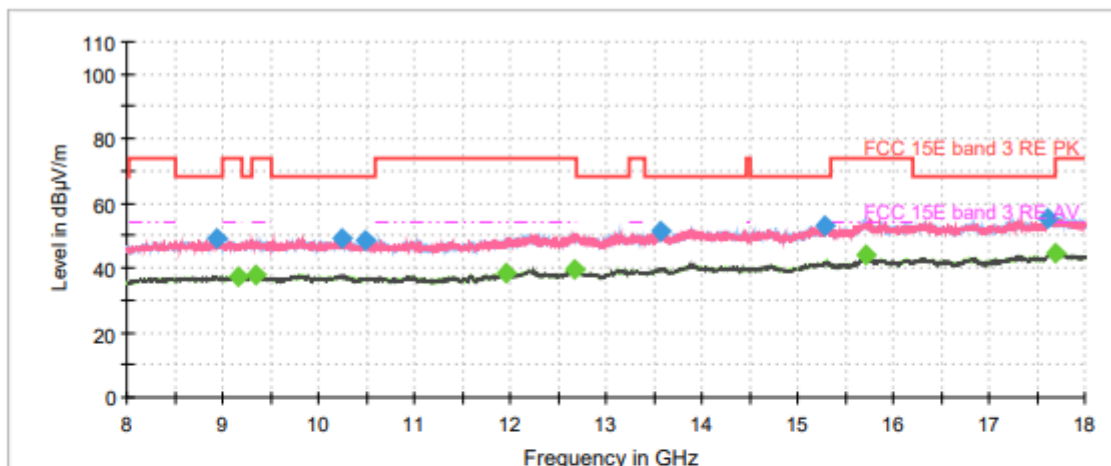
802.11n (HT40) CH159



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)
1286.125000	43.70	---	68.20	24.50	500.0	100.0	H	159.0	-5.4
1302.750000	---	32.57	54.00	21.43	500.0	200.0	H	82.0	-5.3
1610.750000	---	33.76	54.00	20.24	500.0	200.0	V	229.0	-2.9
1811.125000	45.87	---	68.20	22.33	500.0	100.0	V	249.0	-1.5
2561.000000	48.72	---	68.20	19.48	500.0	200.0	V	258.0	1.5
2737.750000	---	38.03	54.00	15.97	500.0	200.0	H	43.0	2.3
3314.375000	51.35	---	68.20	16.85	500.0	200.0	H	218.0	3.6
3863.000000	---	41.21	54.00	12.79	500.0	100.0	V	190.0	5.2
5324.250000	56.23	---	68.20	11.97	500.0	200.0	V	326.0	9.2
5453.750000	---	44.79	54.00	9.21	500.0	200.0	H	189.0	9.5
5850.125000	60.60	---	68.20	7.60	500.0	200.0	V	92.0	9.6
7469.750000	---	46.23	54.00	7.77	500.0	100.0	H	0.0	12.1

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

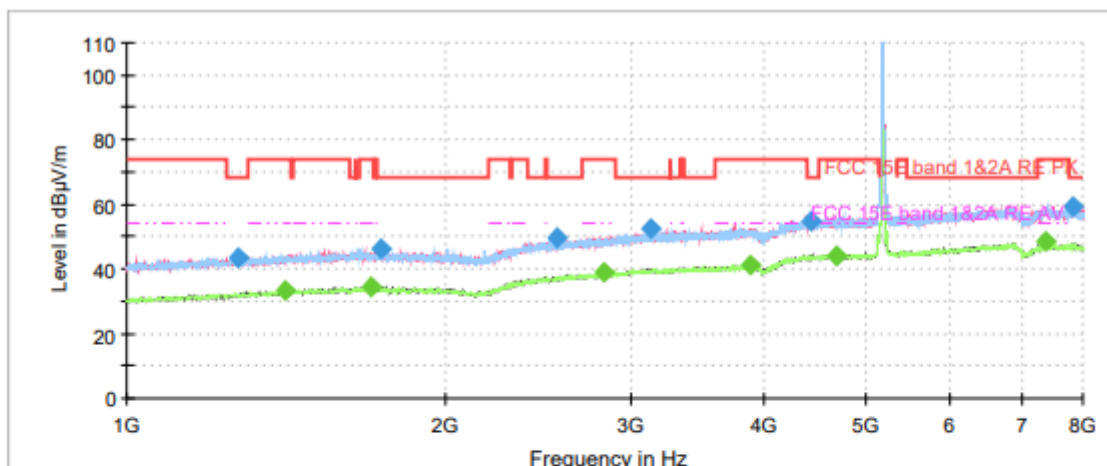


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
8936.250000	49.15	---	68.20	19.05	500.0	200.0	H	164.0	3.3
9155.000000	---	37.17	54.00	16.83	500.0	200.0	H	0.0	3.1
9342.500000	---	37.55	54.00	16.45	500.0	200.0	H	0.0	3.0
10252.500000	49.16	---	68.20	19.04	500.0	200.0	V	286.0	2.7
10498.750000	48.33	---	68.20	19.87	500.0	200.0	V	266.0	2.4
11952.500000	---	38.15	54.00	15.85	500.0	100.0	H	122.0	3.9
12663.750000	---	39.69	54.00	14.31	500.0	200.0	H	204.0	5.1
13566.250000	51.24	---	68.20	16.96	500.0	100.0	H	326.0	5.6
15293.750000	52.94	---	68.20	15.26	500.0	100.0	H	91.0	5.4
15708.750000	---	43.85	54.00	10.15	500.0	200.0	H	224.0	5.9
17618.750000	55.40	---	68.20	12.80	500.0	200.0	H	0.0	9.8
17700.000000	---	44.33	54.00	9.67	500.0	100.0	V	225.0	9.8

Radiates Emission from 8GHz to 18GHz

802.11ax (HE20) CH36

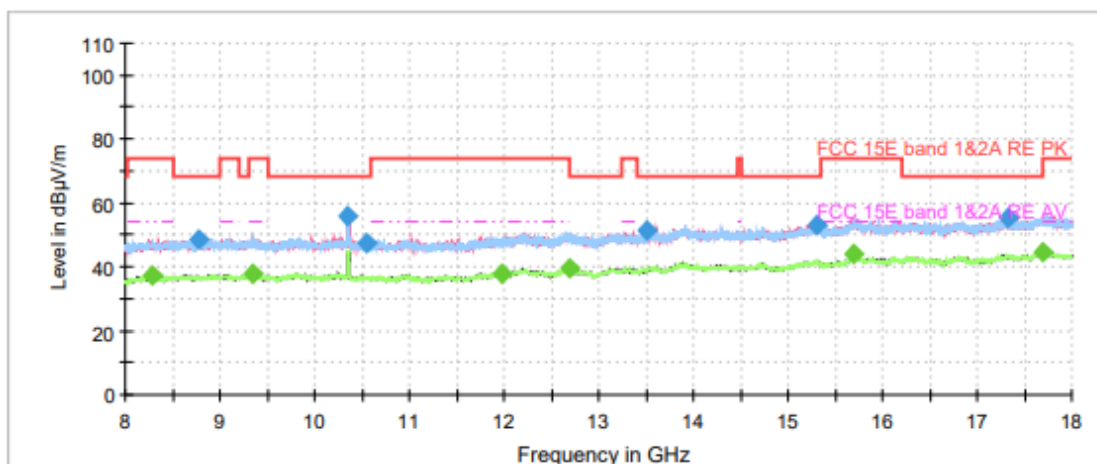


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1272.125000	43.61	---	68.20	24.59	500.0	200.0	H	181.0	-5.5
1412.125000	---	33.16	54.00	20.84	500.0	100.0	V	131.0	-4.4
1703.500000	---	34.39	54.00	19.61	500.0	200.0	V	0.0	-2.2
1736.750000	46.18	---	68.20	22.02	500.0	200.0	H	74.0	-2.0
2547.000000	49.63	---	68.20	18.57	500.0	100.0	H	181.0	1.5
2821.750000	---	38.83	54.00	15.17	500.0	200.0	V	23.0	2.7
3130.625000	52.29	---	68.20	15.91	500.0	200.0	H	308.0	3.5
3884.000000	---	41.39	54.00	12.61	500.0	200.0	V	258.0	5.2
4438.750000	54.75	---	68.20	13.45	500.0	200.0	V	210.0	8.2
4686.375000	---	43.96	54.00	10.04	500.0	200.0	V	278.0	8.3
7387.500000	---	48.48	54.00	5.52	500.0	200.0	V	336.0	12.0
7846.000000	59.27	---	68.20	8.93	500.0	100.0	V	92.0	12.4

Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

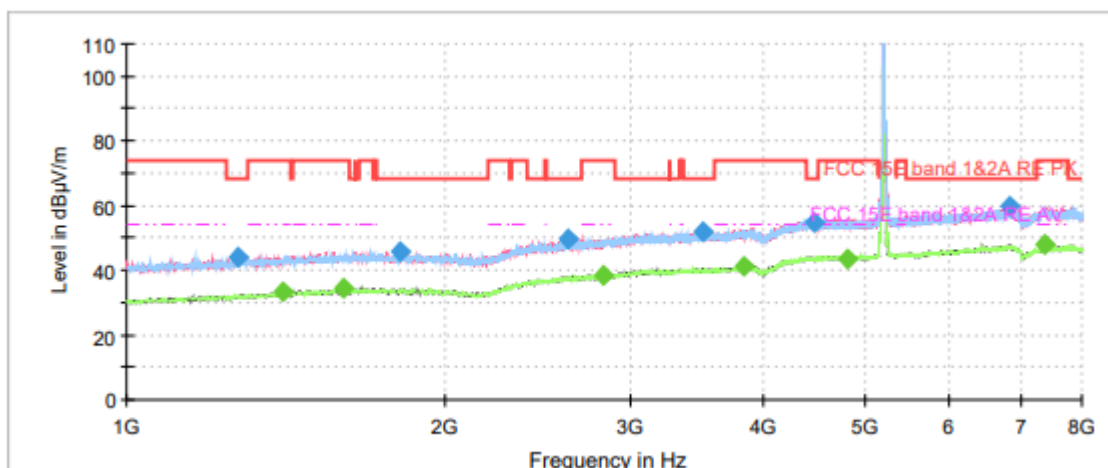


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
8283.750000	---	37.40	54.00	16.60	500.0	200.0	H	277.0	2.8
8782.500000	48.32	---	68.20	19.88	500.0	200.0	H	54.0	2.9
9345.000000	---	37.53	54.00	16.48	500.0	100.0	V	174.0	3.0
10352.500000	55.67	---	68.20	12.53	500.0	200.0	H	64.0	2.5
10541.250000	47.46	---	68.20	20.74	500.0	200.0	H	347.0	2.3
11982.500000	---	38.05	54.00	15.95	500.0	100.0	V	93.0	4.0
12687.500000	---	39.74	54.00	14.26	500.0	100.0	H	206.0	5.1
13507.500000	51.24	---	68.20	16.96	500.0	200.0	H	307.0	5.4
15310.000000	53.29	---	68.20	14.91	500.0	200.0	V	133.0	5.4
15702.500000	---	44.07	54.00	9.93	500.0	200.0	H	327.0	5.9
17322.500000	55.20	---	68.20	13.00	500.0	100.0	H	176.0	9.4
17702.500000	---	44.38	54.00	9.62	500.0	200.0	V	305.0	9.8

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)
1273.000000	43.96	---	68.20	24.24	500.0	100.0	H	345.0	-5.5
1406.000000	---	33.08	54.00	20.92	500.0	200.0	H	219.0	-4.4
1603.750000	---	34.36	54.00	19.64	500.0	100.0	V	190.0	-2.9
1816.375000	45.63	---	68.20	22.57	500.0	100.0	V	15.0	-1.4
2617.000000	49.61	---	68.20	18.59	500.0	200.0	V	122.0	1.8
2824.375000	---	38.31	54.00	15.69	500.0	100.0	H	355.0	2.7
3508.625000	52.11	---	68.20	16.09	500.0	100.0	H	326.0	4.0
3829.750000	---	41.34	54.00	12.66	500.0	100.0	H	179.0	5.0
4462.375000	54.64	---	68.20	13.56	500.0	100.0	H	257.0	8.3
4812.375000	---	43.26	54.00	10.74	500.0	100.0	H	0.0	8.4
6839.750000	59.59	---	68.20	8.61	500.0	200.0	V	299.0	11.1
7381.375000	---	48.17	54.00	5.83	500.0	100.0	V	278.0	12.0

Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

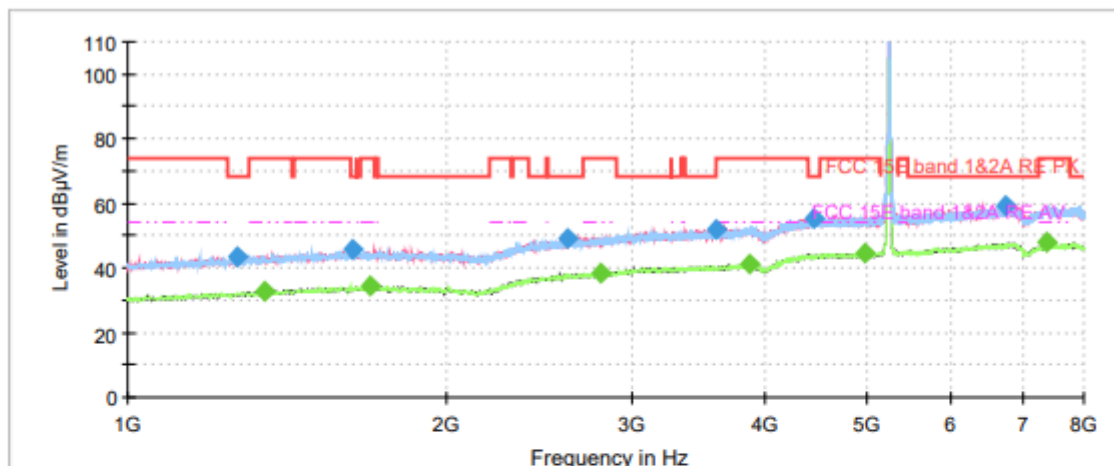


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
8572.500000	48.37	---	68.20	19.83	500.0	200.0	H	298.0	3.0
9065.000000	---	37.22	54.00	16.78	500.0	200.0	V	102.0	3.1
9373.750000	---	37.56	54.00	16.44	500.0	200.0	V	164.0	3.0
10396.250000	52.48	---	68.20	15.72	500.0	100.0	H	75.0	2.4
10508.750000	48.23	---	68.20	19.97	500.0	200.0	V	112.0	2.4
11998.750000	---	38.15	54.00	15.85	500.0	200.0	V	72.0	4.0
12660.000000	---	39.94	54.00	14.06	500.0	100.0	H	238.0	5.1
13536.250000	51.78	---	68.20	16.42	500.0	200.0	V	124.0	5.5
15276.250000	53.33	---	68.20	14.87	500.0	200.0	H	348.0	5.4
15705.000000	---	44.51	54.00	9.49	500.0	200.0	V	124.0	5.9
17681.250000	55.84	---	68.20	12.36	500.0	100.0	V	32.0	9.8
17717.500000	---	44.66	54.00	9.34	500.0	200.0	V	92.0	9.9

Radiates Emission from 8GHz to 18GHz

802.11ax (HE20) CH48

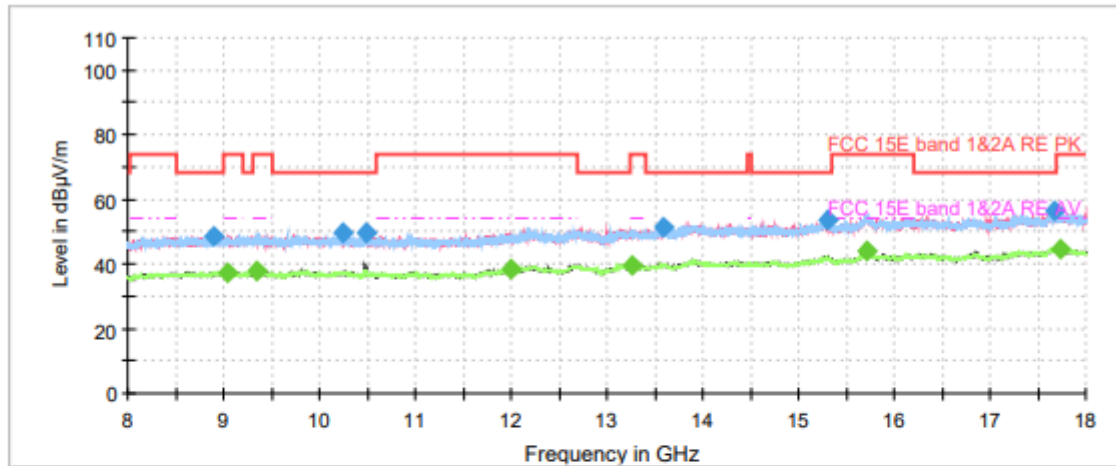


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1270.375000	43.30	---	68.20	24.90	500.0	100.0	V	190.0	-5.5
1349.125000	---	32.93	54.00	21.07	500.0	200.0	V	346.0	-4.9
1632.625000	45.66	---	68.20	22.54	500.0	200.0	H	206.0	-2.7
1694.750000	---	34.42	54.00	19.58	500.0	100.0	H	102.0	-2.2
2598.625000	49.34	---	68.20	18.86	500.0	100.0	H	189.0	1.8
2802.500000	---	38.55	54.00	15.45	500.0	100.0	H	249.0	2.6
3597.875000	51.99	---	68.20	16.21	500.0	100.0	H	189.0	4.2
3869.125000	---	41.23	54.00	12.77	500.0	100.0	H	308.0	5.2
4451.000000	55.38	---	68.20	12.82	500.0	100.0	V	142.0	8.3
4958.500000	---	44.37	54.00	9.63	500.0	100.0	V	73.0	8.5
6754.000000	59.34	---	68.20	8.86	500.0	200.0	V	191.0	11.0
7371.750000	---	48.19	54.00	5.81	500.0	200.0	H	50.0	11.9

Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

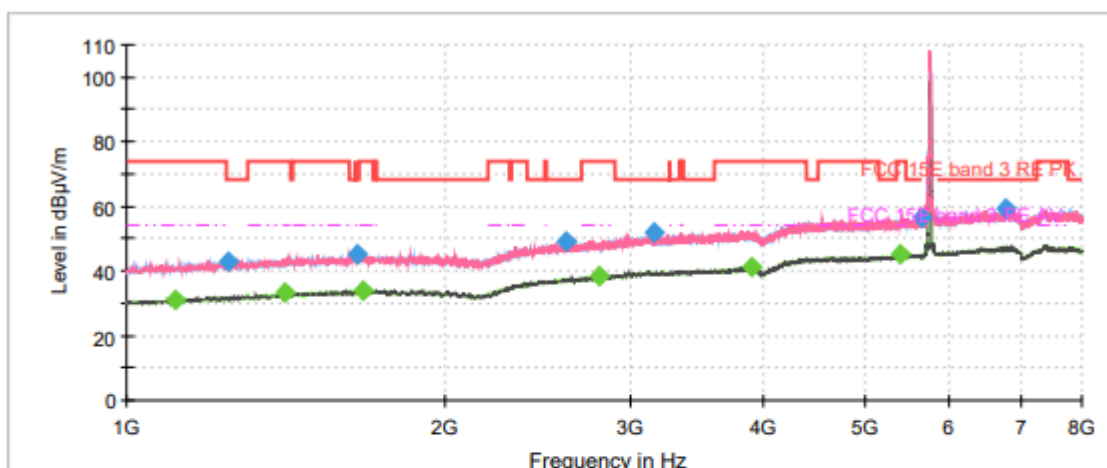


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
8895.000000	48.65	---	68.20	19.55	500.0	200.0	H	268.0	3.2
9045.000000	---	37.45	54.00	16.55	500.0	200.0	H	177.0	3.1
9356.250000	---	37.86	54.00	16.14	500.0	100.0	H	349.0	3.0
10246.250000	49.59	---	68.20	18.61	500.0	200.0	H	116.0	2.7
10483.750000	49.89	---	68.20	18.31	500.0	200.0	V	73.0	2.4
11997.500000	---	38.31	54.00	15.69	500.0	200.0	V	93.0	4.0
13270.000000	---	39.73	54.00	14.27	500.0	100.0	H	358.0	5.3
13591.250000	51.34	---	68.20	16.86	500.0	200.0	H	238.0	5.6
15301.250000	53.46	---	68.20	14.74	500.0	200.0	H	177.0	5.4
15706.250000	---	44.10	54.00	9.90	500.0	100.0	H	349.0	5.9
17672.500000	56.59	---	68.20	11.61	500.0	100.0	H	298.0	9.8
17727.500000	---	44.62	54.00	9.38	500.0	200.0	H	126.0	9.9

Radiates Emission from 8GHz to 18GHz

802.11ax (HE20) CH149

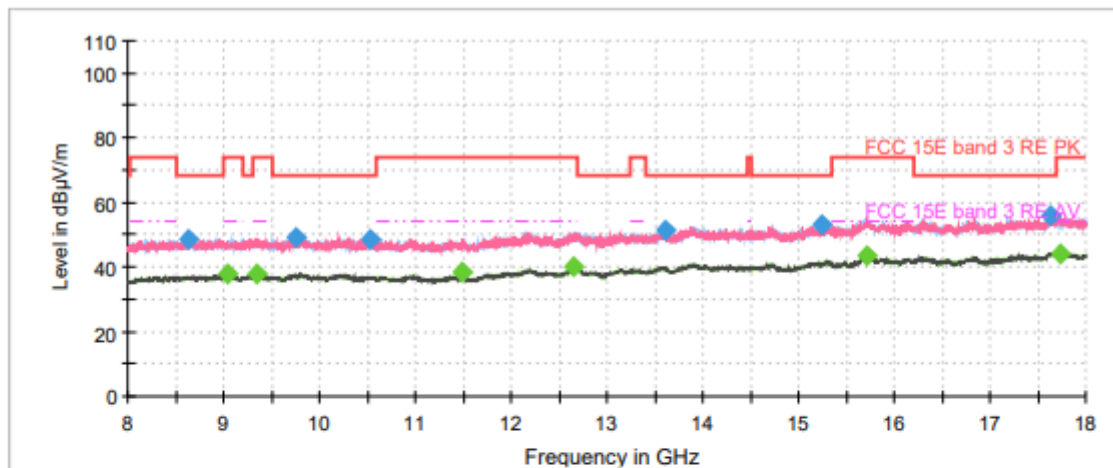


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1110.250000	---	30.97	54.00	23.03	500.0	100.0	H	154.0	-6.8
1248.500000	43.00	---	68.20	25.20	500.0	200.0	V	359.0	-5.7
1408.625000	---	33.10	54.00	20.90	500.0	200.0	H	26.0	-4.4
1649.250000	45.05	---	68.20	23.15	500.0	200.0	V	170.0	-2.6
1669.375000	---	34.09	54.00	19.91	500.0	200.0	V	324.0	-2.4
2600.375000	49.14	---	68.20	19.06	500.0	100.0	H	134.0	1.8
2803.375000	---	38.13	54.00	15.87	500.0	200.0	H	104.0	2.6
3153.375000	51.64	---	68.20	16.56	500.0	100.0	V	190.0	3.5
3896.250000	---	41.20	54.00	12.80	500.0	200.0	V	343.0	5.1
5389.875000	---	44.90	54.00	9.10	500.0	200.0	H	288.0	9.5
5637.500000	56.47	---	68.20	11.73	500.0	100.0	H	202.0	9.7
6764.500000	59.17	---	68.20	9.03	500.0	200.0	V	359.0	11.0

Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

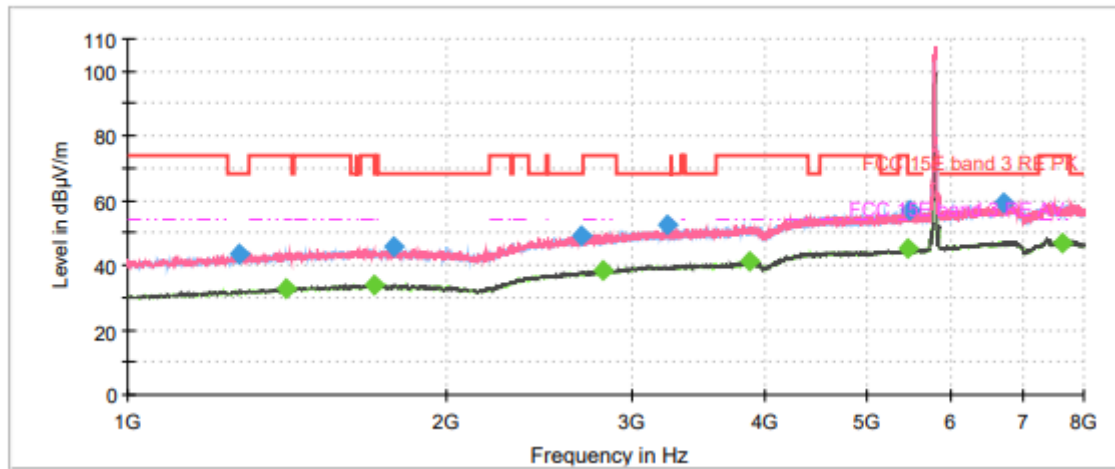


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
8632.500000	48.54	---	68.20	19.66	500.0	200.0	V	302.0	3.1
9036.250000	---	37.54	54.00	16.46	500.0	200.0	V	262.0	3.0
9355.000000	---	37.75	54.00	16.25	500.0	200.0	V	120.0	3.0
9750.000000	49.27	---	68.20	18.93	500.0	100.0	V	262.0	3.2
10535.000000	48.27	---	68.20	19.93	500.0	200.0	V	352.0	2.4
11490.000000	---	38.12	54.00	15.88	500.0	200.0	V	332.0	2.7
12643.750000	---	39.83	54.00	14.17	500.0	200.0	V	192.0	5.0
13612.500000	51.08	---	68.20	17.12	500.0	100.0	H	104.0	5.6
15252.500000	53.24	---	68.20	14.96	500.0	200.0	H	84.0	5.4
15717.500000	---	43.56	54.00	10.44	500.0	100.0	H	54.0	5.9
17631.250000	55.57	---	68.20	12.63	500.0	100.0	V	332.0	9.8
17733.750000	---	44.25	54.00	9.76	500.0	200.0	V	192.0	9.9

Radiates Emission from 8GHz to 18GHz

802.11ax (HE20) CH157

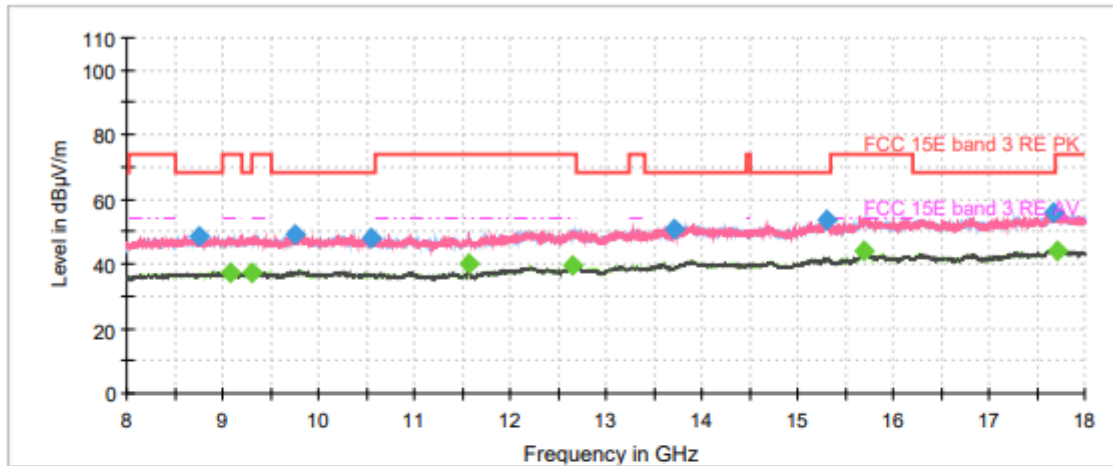


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1273.875000	43.25	---	68.20	24.95	500.0	100.0	V	257.0	-5.5
1410.375000	---	32.93	54.00	21.07	500.0	200.0	V	208.0	-4.4
1708.750000	---	33.80	54.00	20.20	500.0	200.0	V	0.0	-2.1
1785.750000	45.47	---	68.20	22.73	500.0	100.0	V	286.0	-1.7
2676.500000	48.86	---	68.20	19.34	500.0	200.0	V	180.0	2.0
2805.125000	---	38.35	54.00	15.65	500.0	200.0	V	151.0	2.6
3234.750000	52.20	---	68.20	16.00	500.0	200.0	V	0.0	3.4
3865.625000	---	41.09	54.00	12.91	500.0	100.0	V	295.0	5.2
5455.500000	---	44.91	54.00	9.09	500.0	200.0	H	133.0	9.5
5470.375000	56.70	---	68.20	11.50	500.0	200.0	H	35.0	9.5
6707.625000	59.11	---	68.20	9.09	500.0	100.0	V	218.0	10.9
7620.250000	---	46.73	54.00	7.27	500.0	200.0	V	208.0	12.1

Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

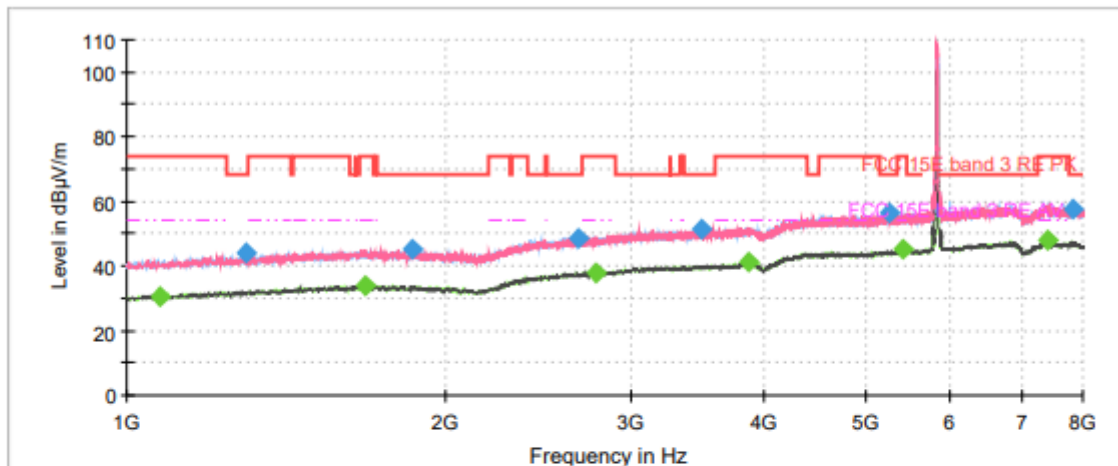


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
8765.000000	48.71	---	68.20	19.49	500.0	200.0	V	266.0	2.9
9088.750000	---	37.31	54.00	16.69	500.0	100.0	H	114.0	3.1
9301.250000	---	37.29	54.00	16.71	500.0	200.0	V	146.0	3.0
9746.250000	49.11	---	68.20	19.09	500.0	200.0	H	295.0	3.2
10543.750000	48.17	---	68.20	20.03	500.0	200.0	V	306.0	2.3
11567.500000	---	39.81	54.00	14.19	500.0	100.0	H	63.0	2.9
12658.750000	---	39.67	54.00	14.33	500.0	200.0	H	184.0	5.1
13723.750000	50.82	---	68.20	17.38	500.0	200.0	V	337.0	5.5
15306.250000	53.52	---	68.20	14.68	500.0	100.0	H	13.0	5.4
15703.750000	---	43.84	54.00	10.16	500.0	100.0	H	326.0	5.9
17667.500000	55.69	---	68.20	12.51	500.0	200.0	V	196.0	9.8
17722.500000	---	44.20	54.00	9.80	500.0	200.0	H	134.0	9.9

Radiates Emission from 8GHz to 18GHz

802.11ax (HE20) CH165

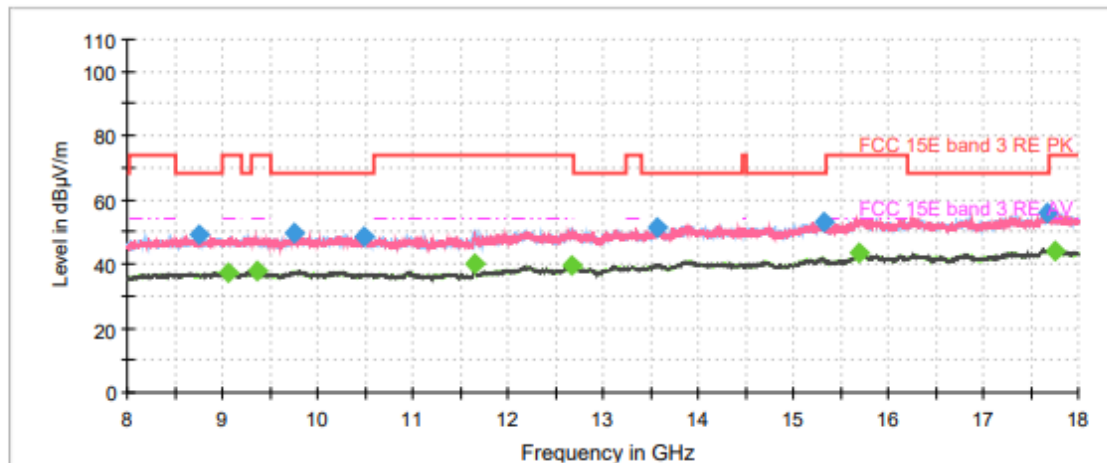


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1077.000000	---	30.66	54.00	23.34	500.0	200.0	H	268.0	-7.1
1298.375000	43.99	---	68.20	24.21	500.0	200.0	H	64.0	-5.3
1679.875000	---	33.90	54.00	20.10	500.0	200.0	H	54.0	-2.3
1863.625000	45.23	---	68.20	22.97	500.0	200.0	V	274.0	-1.0
2670.375000	48.77	---	68.20	19.43	500.0	200.0	V	188.0	2.0
2776.250000	---	38.07	54.00	15.93	500.0	200.0	V	265.0	2.5
3485.875000	51.48	---	68.20	16.72	500.0	200.0	V	188.0	4.1
3867.375000	---	41.26	54.00	12.74	500.0	200.0	V	245.0	5.2
5244.625000	56.35	---	68.20	11.85	500.0	200.0	V	91.0	9.1
5407.375000	---	44.91	54.00	9.09	500.0	200.0	V	351.0	9.6
7399.750000	---	47.94	54.00	6.06	500.0	200.0	V	332.0	12.0
7842.500000	57.39	---	68.20	10.81	500.0	200.0	H	45.0	12.3

Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz



Final Result

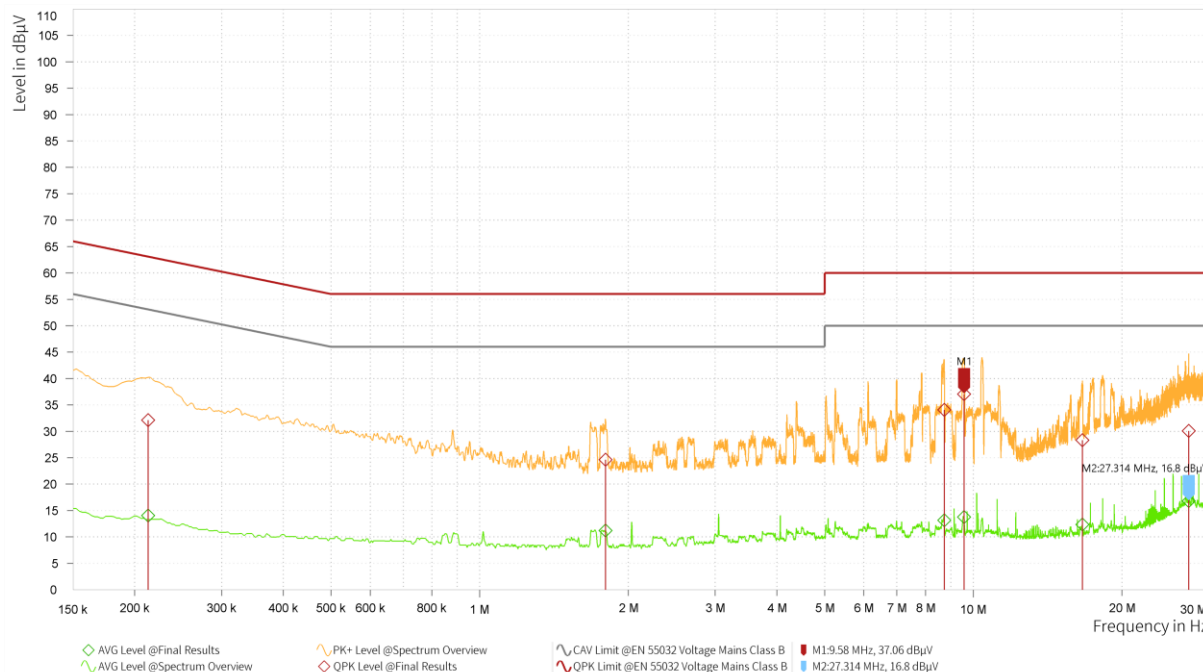
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
8756.250000	48.84	---	68.20	19.36	500.0	100.0	H	0.0	3.0
9052.500000	---	37.19	54.00	16.81	500.0	200.0	H	244.0	3.1
9357.500000	---	37.68	54.00	16.32	500.0	200.0	V	158.0	3.0
9745.000000	49.70	---	68.20	18.50	500.0	200.0	V	138.0	3.2
10493.750000	48.62	---	68.20	19.58	500.0	200.0	H	9.0	2.4
11652.500000	---	40.21	54.00	13.79	500.0	100.0	V	65.0	2.9
12673.750000	---	39.61	54.00	14.39	500.0	200.0	V	319.0	5.1
13577.500000	51.20	---	68.20	17.00	500.0	200.0	V	219.0	5.6
15335.000000	53.08	---	68.20	15.12	500.0	100.0	H	51.0	5.5
15688.750000	---	43.67	54.00	10.33	500.0	200.0	H	193.0	5.9
17673.750000	55.62	---	68.20	12.58	500.0	200.0	H	0.0	9.8
17756.250000	---	44.24	54.00	9.76	500.0	200.0	H	295.0	9.9

Radiates Emission from 8GHz to 18GHz

2. Conducted Emission

2.1. Wi-Fi 5GHz

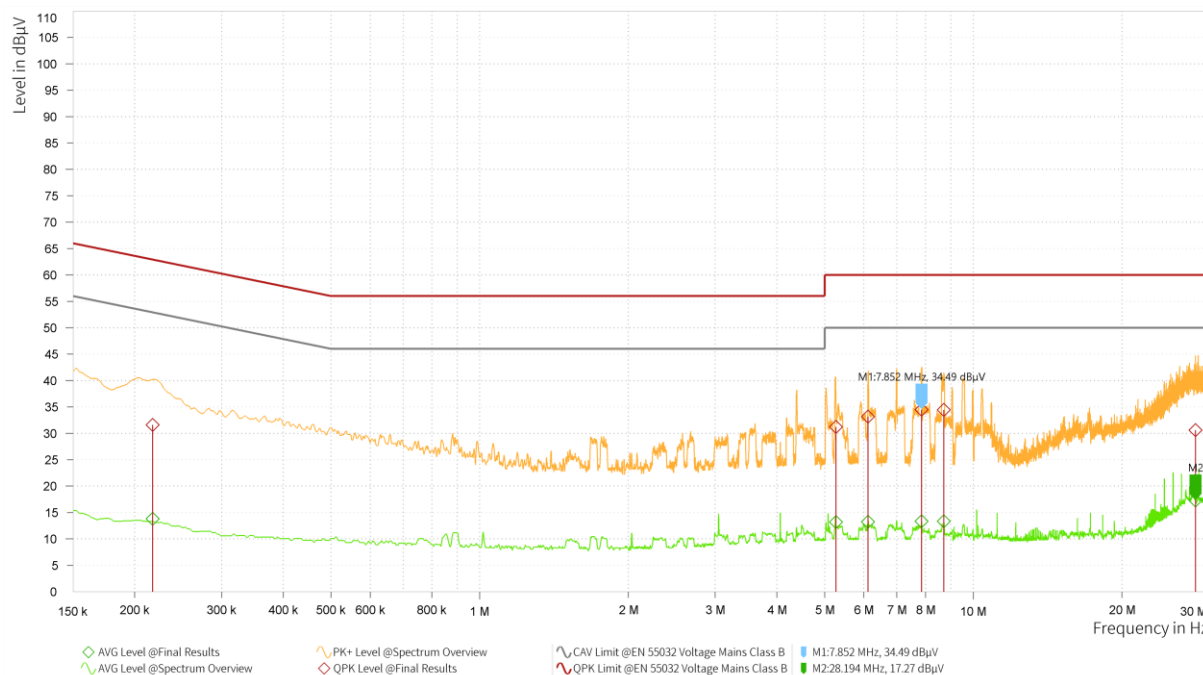
During the test, the Conducted Emission was performed in all modes with all channels. The test data of the worst-case (802.11ax (HE20) CH36) condition was recorded in this report.



Frequency [MHz]	QPK Level [dBμV]	QPK Limit [dBμV]	QPK Margin [dB]	AVG Level [dBμV]	AVG: CAV Limit [dBμV]	AVG Margin [dB]	Correction [dB]	Line	Meas. BW [kHz]	Meas. Time [s]
0.213	32.10	63.09	30.99	14.03	53.09	39.06	21.01	L1	9.000	1.000
1.799	24.63	56.00	31.37	11.18	46.00	34.82	19.71	L1	9.000	1.000
8.732	34.07	60.00	25.93	13.12	50.00	36.88	19.41	L1	9.000	1.000
9.580	37.06	60.00	22.94	13.78	50.00	36.22	19.41	L1	9.000	1.000
16.645	28.30	60.00	31.70	12.35	50.00	37.65	19.55	L1	9.000	1.000
27.314	30.07	60.00	29.93	16.80	50.00	33.20	19.81	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: CAV Limit [dBμV]	AVG Margin [dB]	Correction [dB]	Line	Meas. BW [kHz]	Meas. Time [s]
0.218	31.61	62.91	31.30	13.82	52.91	39.09	21.01	N	9.000	1.000
5.267	31.23	60.00	28.77	13.20	50.00	36.80	19.41	N	9.000	1.000
6.119	33.17	60.00	26.83	13.22	50.00	36.78	19.41	N	9.000	1.000
7.852	34.49	60.00	25.51	13.33	50.00	36.67	19.41	N	9.000	1.000
8.718	34.42	60.00	25.58	13.33	50.00	36.67	19.42	N	9.000	1.000
28.194	30.60	60.00	29.40	17.27	50.00	32.73	19.88	N	9.000	1.000

Remark: Correct factor=cable loss + LISN factor

N line Conducted Emission from 150 kHz to 30 MHz