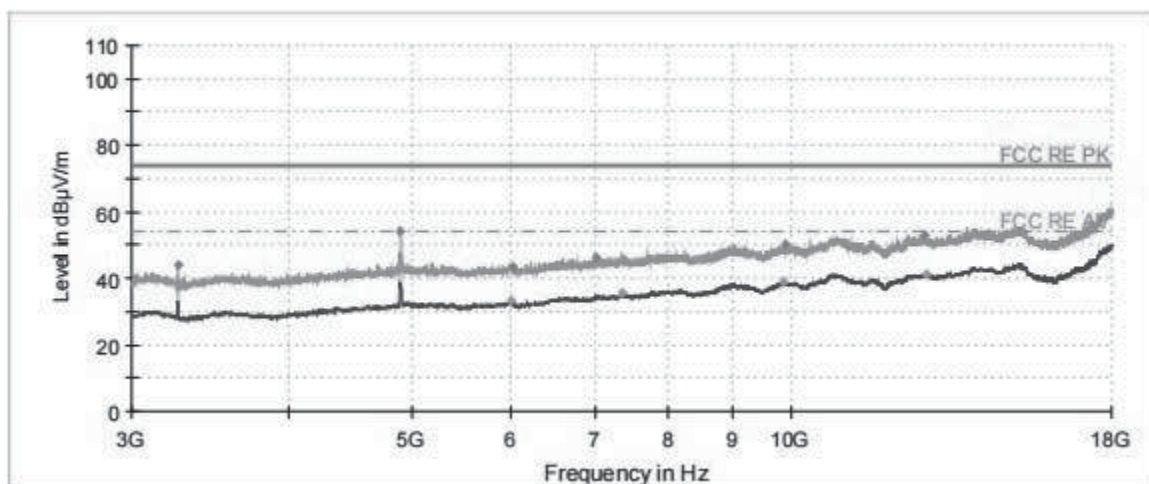




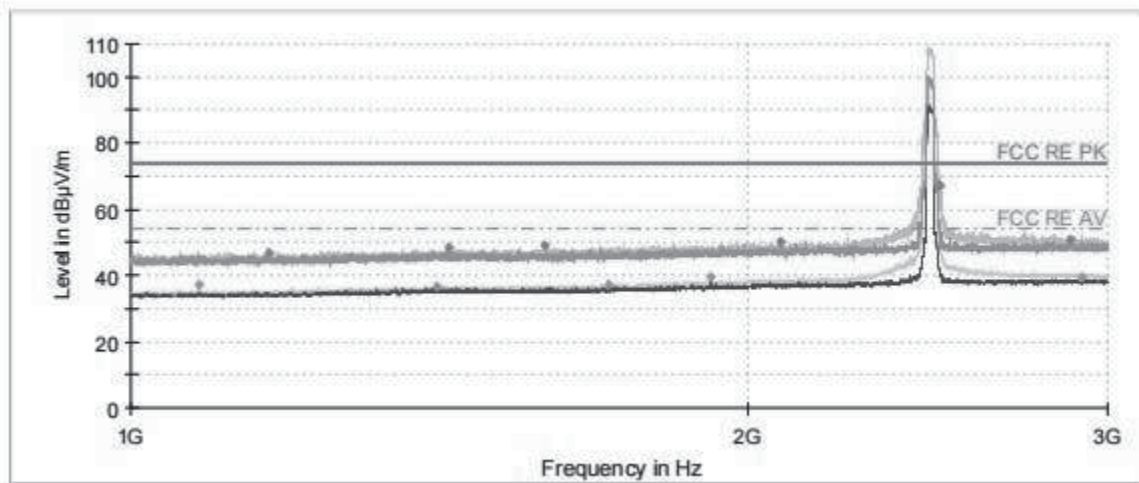
Radiates Emission from 3GHz to 18GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3268.13	---	37.03	54.00	16.97	100.0	H	312.00	-13
3268.13	43.93	---	74.00	30.07	100.0	H	312.00	-13
4903.13	---	43.32	54.00	10.68	100.0	H	330.00	-9
4905.00	54.04	---	74.00	19.96	200.0	H	42.00	-8
6000.00	---	33.53	54.00	20.47	100.0	H	312.00	-5
6031.88	43.39	---	74.00	30.61	200.0	H	13.00	-6
7001.25	46.53	---	74.00	27.47	200.0	H	136.00	-3
7348.13	---	35.63	54.00	18.37	100.0	H	246.00	-3
9856.88	---	38.78	54.00	15.22	100.0	H	349.00	-1
9905.63	50.38	---	74.00	23.62	100.0	V	166.00	-1
12796.88	53.09	---	74.00	20.91	200.0	H	173.00	2
12825.00	---	41.42	54.00	12.58	100.0	H	303.00	2

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



802.11g CH10

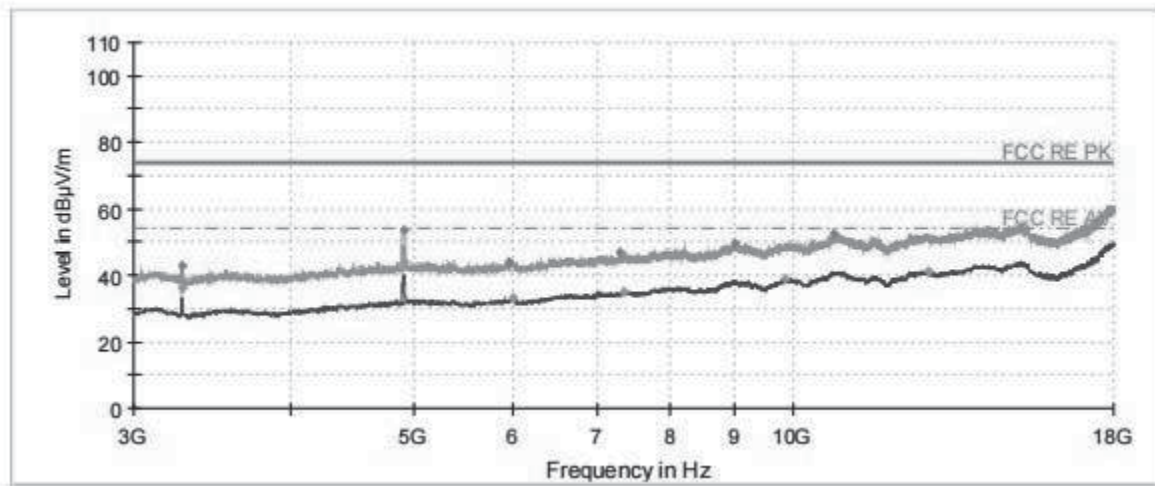


Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1080.00	---	37.14	54.00	16.86	100.0	H	317.00	-9
1167.50	46.95	---	74.00	27.05	100.0	H	325.00	-9
1410.50	---	36.83	54.00	17.17	100.0	H	0.00	-7
1429.50	48.31	---	74.00	25.69	100.0	H	346.00	-7
1591.00	49.08	---	74.00	24.92	200.0	H	85.00	-6
1712.00	---	37.17	54.00	16.83	100.0	H	275.00	-6
1920.50	---	39.43	54.00	14.57	100.0	H	0.00	-5
2073.75	50.47	---	74.00	23.53	200.0	H	42.00	-5
2485.00	---	48.85	54.00	5.15	100.0	H	275.00	-4
2486.25	66.95	---	74.00	7.05	100.0	H	275.00	-4
2877.75	50.79	---	74.00	23.21	100.0	H	258.00	-3
2915.25	---	39.49	54.00	14.51	200.0	H	2.00	-3

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

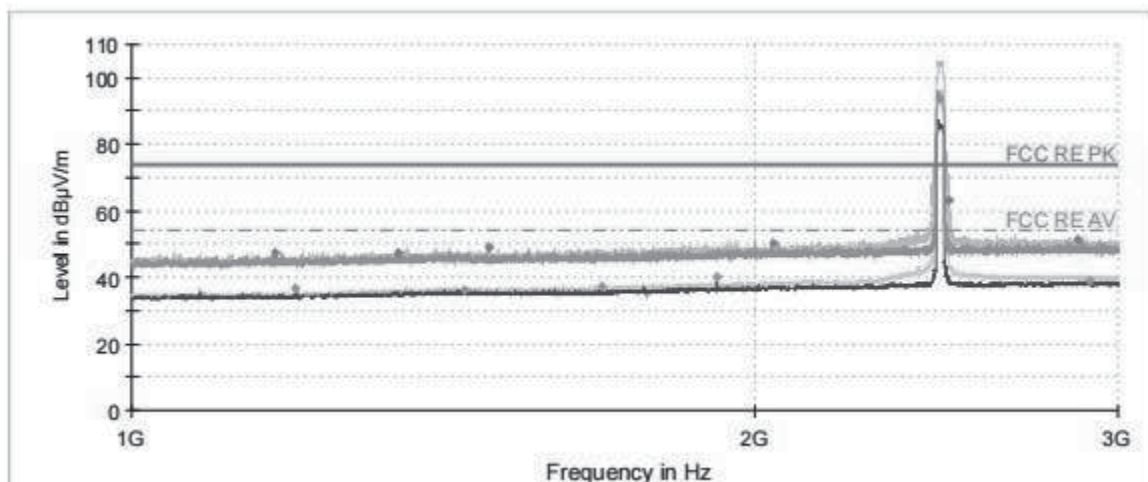


Radiates Emission from 3GHz to 18GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3275.63	---	36.33	54.00	17.67	200.0	H	307.00	-13
3275.63	42.78	---	74.00	31.22	100.0	H	315.00	-13
4912.50	---	43.96	54.00	10.04	200.0	H	26.00	-8
4912.50	53.38	---	74.00	20.62	200.0	H	26.00	-8
5966.25	43.92	---	74.00	30.08	100.0	V	145.00	-6
5998.13	---	33.36	54.00	20.64	200.0	H	0.00	-5
7286.25	46.82	---	74.00	27.18	200.0	V	328.00	-4
7348.13	---	35.09	54.00	18.92	100.0	V	326.00	-3
9016.88	49.73	---	74.00	24.27	100.0	V	182.00	-2
9877.50	---	38.71	54.00	15.29	200.0	V	318.00	-1
10801.88	52.62	---	74.00	21.38	100.0	H	70.00	0
12808.13	---	41.37	54.00	12.63	100.0	V	40.00	2

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

802.11g CH11

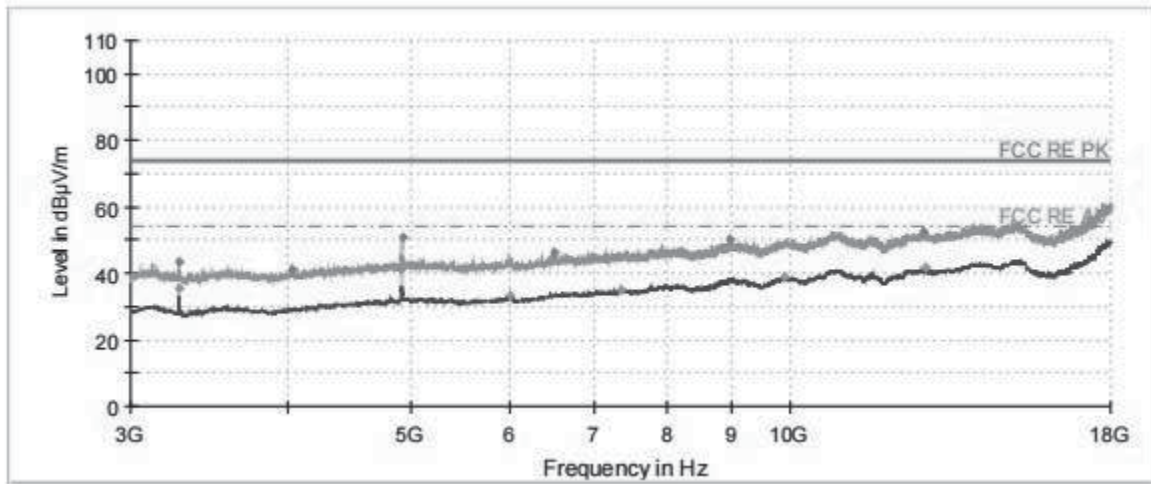


Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1171.75	47.36	---	74.00	26.64	100.0	H	358.00	-9
1199.75	---	36.82	54.00	17.18	100.0	H	333.00	-9
1344.25	47.24	---	74.00	26.76	100.0	H	156.00	-5
1449.25	---	36.38	54.00	17.62	100.0	H	135.00	-4
1489.00	49.03	---	74.00	24.97	100.0	H	356.00	-7
1688.25	---	37.33	54.00	16.67	100.0	H	198.00	-6
1920.00	---	40.05	54.00	13.95	100.0	H	340.00	-5
2044.50	49.93	---	74.00	24.07	100.0	H	68.00	-5
2484.25	---	49.54	54.00	4.46	100.0	H	232.00	-4
2485.25	62.98	---	74.00	11.02	100.0	H	232.00	-4
2868.25	51.18	---	74.00	22.82	200.0	H	40.00	-3
2908.25	---	39.18	54.00	14.82	100.0	H	223.00	-3

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

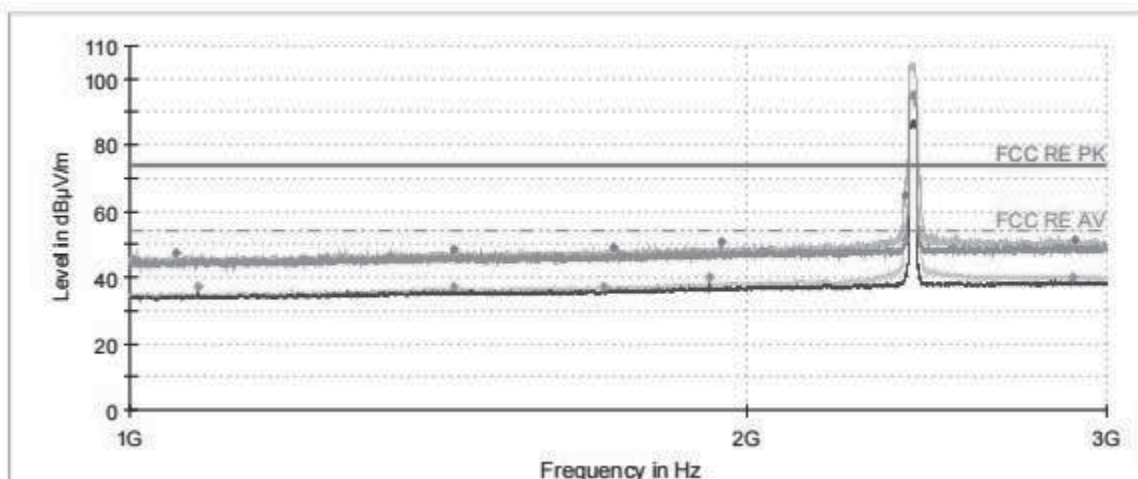


Radiates Emission from 3GHz to 18GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3281.25	---	35.59	54.00	18.41	200.0	H	31.00	-13
3281.25	43.16	---	74.00	30.84	200.0	H	31.00	-13
4021.88	40.97	---	74.00	33.03	100.0	V	0.00	-11
4923.75	---	41.23	54.00	12.77	200.0	H	31.00	-8
4927.50	50.60	---	74.00	23.40	200.0	H	31.00	-8
6000.00	---	33.56	54.00	20.44	200.0	H	96.00	-5
6502.50	46.25	---	74.00	27.75	100.0	V	138.00	-4
7344.38	---	35.04	54.00	18.96	200.0	V	323.00	-3
8970.00	50.11	---	74.00	23.89	100.0	H	347.00	-2
9905.63	---	38.83	54.00	15.17	200.0	V	357.00	-1
12763.13	52.62	---	74.00	21.38	200.0	V	356.00	2
12830.63	---	41.48	54.00	12.52	100.0	H	74.00	2

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

802.11n (HT20) CH1

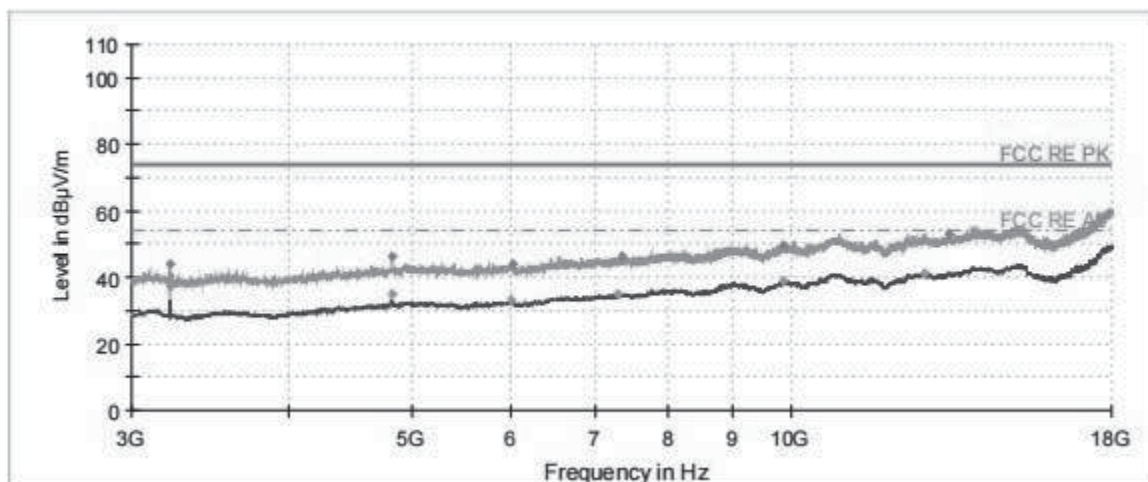


Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1052.50	47.40	---	74.00	26.60	200.0	H	6.00	-10
1079.75	---	36.99	54.00	17.01	100.0	H	318.00	-9
1439.50	48.31	---	74.00	25.69	100.0	H	340.00	-7
1440.00	---	37.10	54.00	16.90	100.0	H	224.00	-7
1702.25	---	37.26	54.00	16.74	100.0	H	334.00	-6
1721.75	49.08	---	74.00	24.92	100.0	H	318.00	-6
1920.00	---	40.09	54.00	13.91	100.0	H	346.00	-5
1944.75	50.55	---	74.00	23.45	200.0	V	73.00	-5
2389.50	64.98	---	74.00	9.02	100.0	H	268.00	-4
2389.50	---	51.29	54.00	2.72	100.0	H	268.00	-4
2888.50	---	39.92	54.00	14.08	200.0	H	139.00	-3
2896.25	51.08	---	74.00	22.92	100.0	H	349.00	-3

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



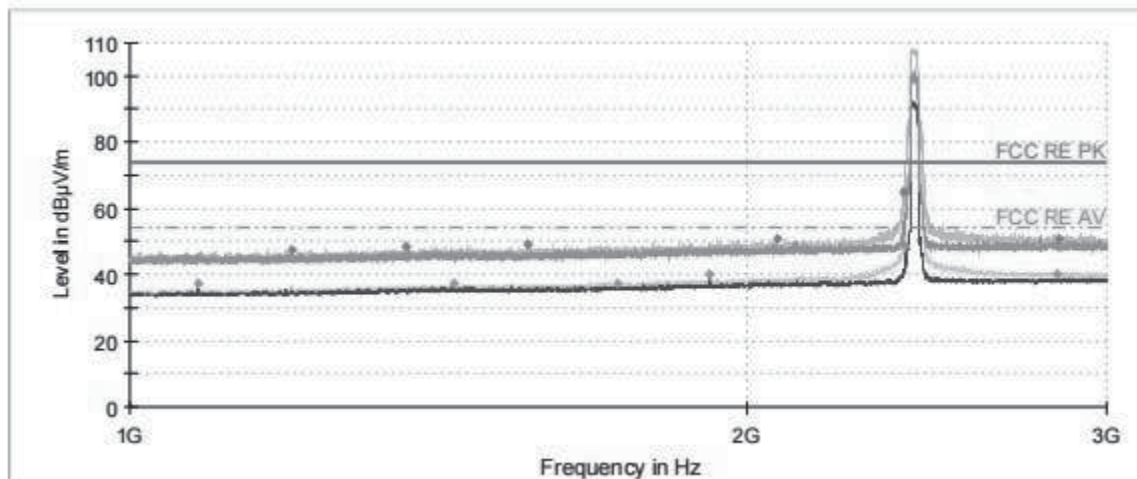
Radiates Emission from 3GHz to 18GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3215.63	---	37.15	54.00	16.85	100.0	H	317.00	-13
3215.63	44.02	---	74.00	29.98	100.0	H	317.00	-13
4822.50	---	34.86	54.00	19.14	200.0	H	30.00	-9
4828.13	46.17	---	74.00	27.83	200.0	H	30.00	-9
6007.50	---	33.37	54.00	20.63	200.0	H	4.00	-5
6024.38	43.92	---	74.00	30.08	200.0	V	219.00	-6
7288.13	---	34.95	54.00	19.05	200.0	V	353.00	-4
7346.25	46.37	---	74.00	27.63	100.0	V	192.00	-3
9853.13	49.90	---	74.00	24.10	100.0	H	195.00	-1
9877.50	---	38.74	54.00	15.26	200.0	H	66.00	-1
12789.38	---	41.23	54.00	12.77	100.0	H	0.00	2
13329.38	53.11	---	74.00	20.89	200.0	H	93.00	3

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



802.11n (HT20) CH2

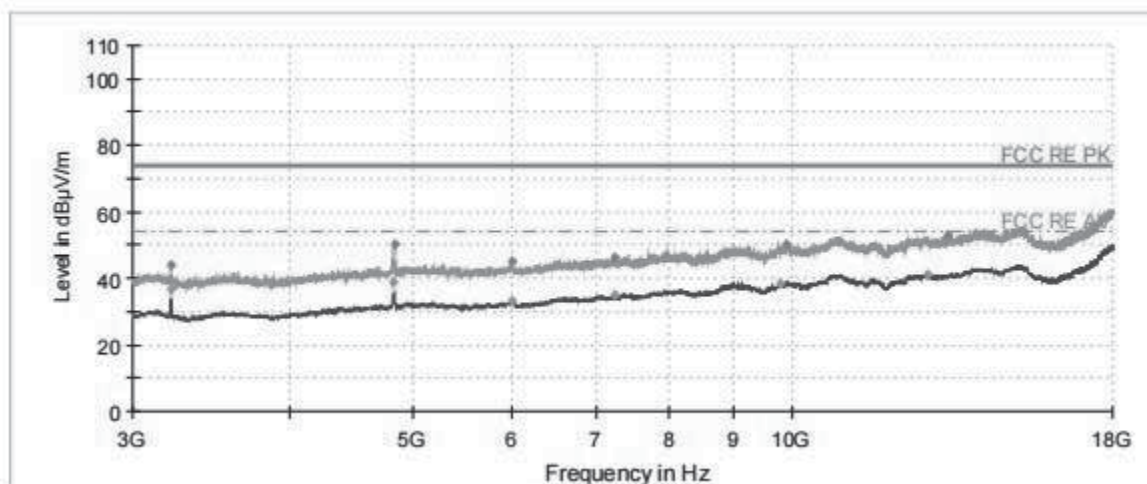


Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1080.00	---	37.28	54.00	16.72	100.0	H	320.00	-9
1200.00	47.20	---	74.00	26.80	100.0	H	355.00	-9
1363.75	48.68	---	74.00	25.32	200.0	H	152.00	-7
1439.75	---	37.08	54.00	16.92	100.0	H	358.00	-7
1565.50	49.20	---	74.00	24.80	200.0	H	134.00	-7
1730.50	---	37.41	54.00	16.59	100.0	H	354.00	-6
1920.00	---	39.79	54.00	14.21	100.0	H	342.00	-5
2070.50	50.50	---	74.00	23.50	100.0	H	234.00	-5
2388.00	64.63	---	74.00	9.37	100.0	H	286.00	-4
2389.50	---	48.53	54.00	5.47	100.0	H	234.00	-4
2834.50	---	40.01	54.00	13.99	100.0	H	0.00	-3
2844.75	50.76	---	74.00	23.24	100.0	H	251.00	-3

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



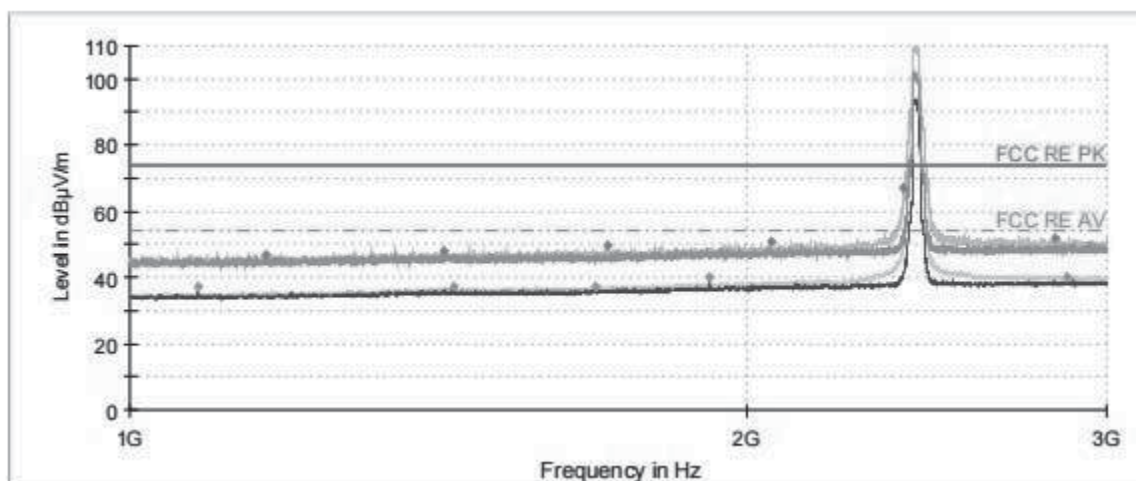
Radiates Emission from 3GHz to 18GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3221.25	---	36.61	54.00	17.39	100.0	H	317.00	-13
3221.25	43.83	---	74.00	30.17	200.0	H	34.00	-13
4835.63	---	39.19	54.00	14.81	100.0	H	32.00	-9
4839.38	50.28	---	74.00	23.72	100.0	H	41.00	-9
5992.50	---	33.45	54.00	20.55	200.0	V	354.00	-5
5994.38	45.00	---	74.00	29.00	100.0	V	68.00	-5
7245.00	---	35.06	54.00	18.94	100.0	H	252.00	-4
7248.75	46.32	---	74.00	27.68	200.0	V	260.00	-4
9808.13	---	38.55	54.00	15.45	100.0	V	58.00	-1
9900.00	50.40	---	74.00	23.60	200.0	V	213.00	-1
12800.63	---	41.28	54.00	12.72	200.0	H	279.00	2
13316.25	52.80	---	74.00	21.20	100.0	H	0.00	3

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



802.11n (HT20) CH3

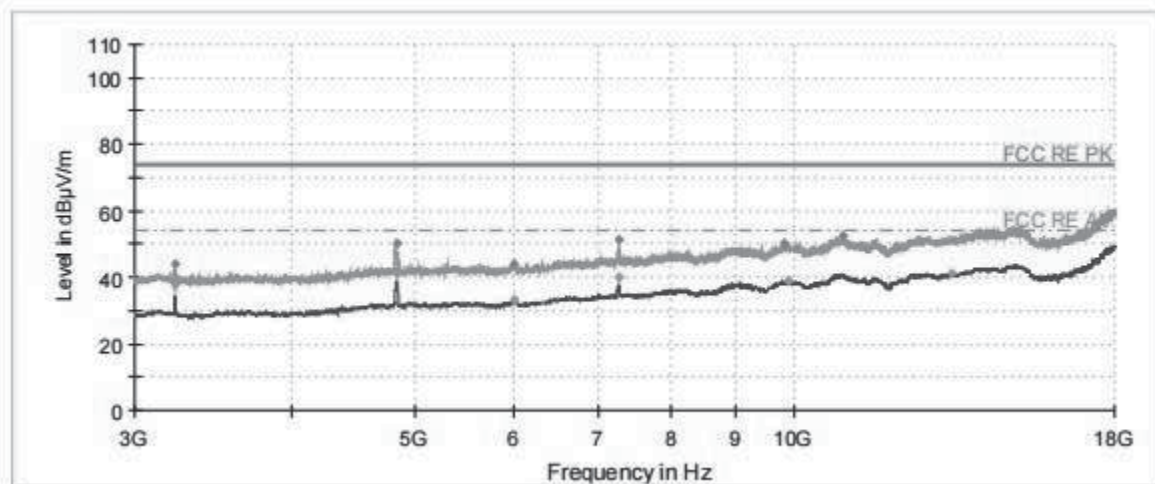


Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1080.00	---	37.01	54.00	16.99	100.0	H	198.00	-9
1164.75	46.86	---	74.00	27.14	200.0	H	6.00	-9
1424.00	48.16	---	74.00	25.84	200.0	H	178.00	-7
1440.00	---	37.02	54.00	16.98	100.0	H	348.00	-7
1689.75	---	37.43	54.00	16.57	200.0	H	213.00	-6
1710.25	49.43	---	74.00	24.57	100.0	H	181.00	-6
1920.00	---	40.18	54.00	13.82	100.0	H	336.00	-5
2057.50	50.89	---	74.00	23.11	100.0	H	357.00	-5
2387.75	67.19	---	74.00	6.81	100.0	H	254.00	-4
2388.50	---	50.73	54.00	3.27	100.0	H	241.00	-4
2831.25	51.92	---	74.00	22.08	200.0	H	91.00	-3
2868.25	---	39.85	54.00	14.15	200.0	H	42.00	-3

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



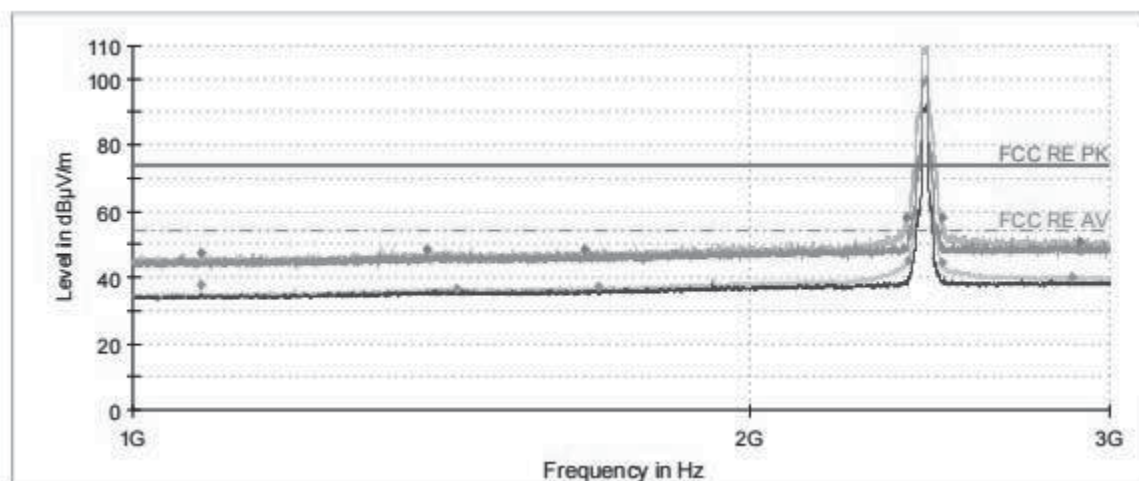
Radiates Emission from 3GHz to 18GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3228.75	---	38.05	54.00	15.95	200.0	H	333.00	-13
3228.75	43.85	---	74.00	30.15	200.0	H	333.00	-13
4843.13	---	41.31	54.00	12.69	100.0	H	52.00	-9
4846.88	50.18	---	74.00	23.82	200.0	H	50.00	-9
5996.25	44.28	---	74.00	29.72	100.0	H	81.00	-5
6000.00	---	33.32	54.00	20.68	200.0	H	340.00	-5
7260.00	51.15	---	74.00	22.85	100.0	H	91.00	-4
7267.50	---	40.26	54.00	13.74	100.0	H	110.00	-4
9849.38	50.19	---	74.00	23.81	100.0	V	79.00	-1
9888.75	---	38.88	54.00	15.12	100.0	H	271.00	-1
10936.88	52.69	---	74.00	21.31	200.0	V	0.00	0
13340.63	---	41.38	54.00	12.62	100.0	V	331.00	3

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



802.11n (HT20) CH6

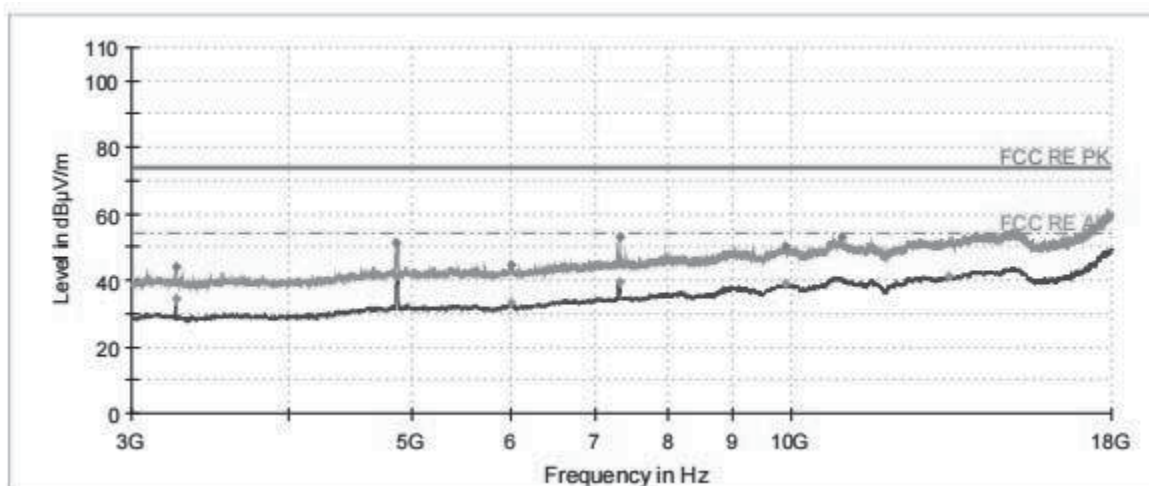


Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1079.75	47.29	---	74.00	26.71	200.0	H	0.00	-9
1080.25	---	37.75	54.00	16.25	100.0	H	324.00	-9
1391.75	48.43	---	74.00	25.57	100.0	H	0.00	-7
1440.00	---	36.78	54.00	17.22	100.0	H	224.00	-7
1663.25	48.71	---	74.00	25.29	200.0	H	206.00	-6
1686.00	---	37.32	54.00	16.68	100.0	H	331.00	-6
2388.25	58.11	---	74.00	15.89	100.0	H	249.00	-4
2388.50	---	44.90	54.00	9.10	200.0	H	259.00	-4
2485.00	58.32	---	74.00	15.68	100.0	H	292.00	-4
2485.75	---	44.67	54.00	9.33	100.0	H	233.00	-4
2874.50	---	40.00	54.00	14.00	200.0	H	189.00	-3
2898.00	50.92	---	74.00	23.08	100.0	H	344.00	-3

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



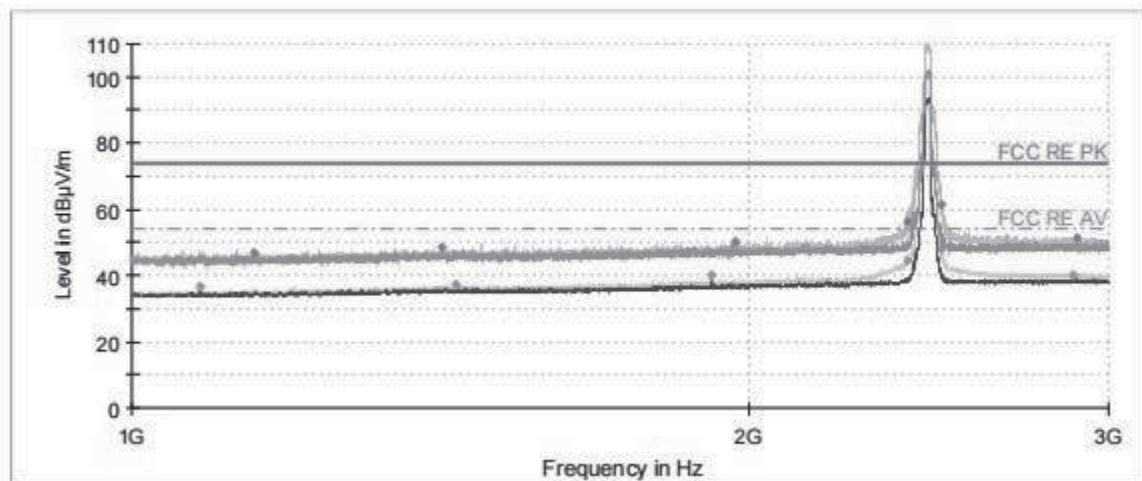
Radiates Emission from 3GHz to 18GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3247.50	---	34.53	54.00	19.47	200.0	H	332.00	-13
3247.50	43.89	---	74.00	30.11	200.0	H	332.00	-13
4871.25	---	41.41	54.00	12.59	100.0	H	49.00	-9
4871.25	51.09	---	74.00	22.91	200.0	H	305.00	-9
6000.00	---	33.51	54.00	20.49	100.0	H	231.00	-5
6005.63	44.42	---	74.00	29.58	200.0	V	17.00	-5
7310.63	---	39.32	54.00	14.68	100.0	H	86.00	-3
7314.38	53.12	---	74.00	20.88	100.0	H	86.00	-3
9900.00	50.35	---	74.00	23.65	200.0	H	164.00	-1
9905.63	---	38.86	54.00	15.14	200.0	H	0.00	-1
10968.75	52.87	---	74.00	21.13	200.0	H	70.00	0
13351.88	---	41.12	54.00	12.88	100.0	V	332.00	3

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



802.11n (HT20) CH8

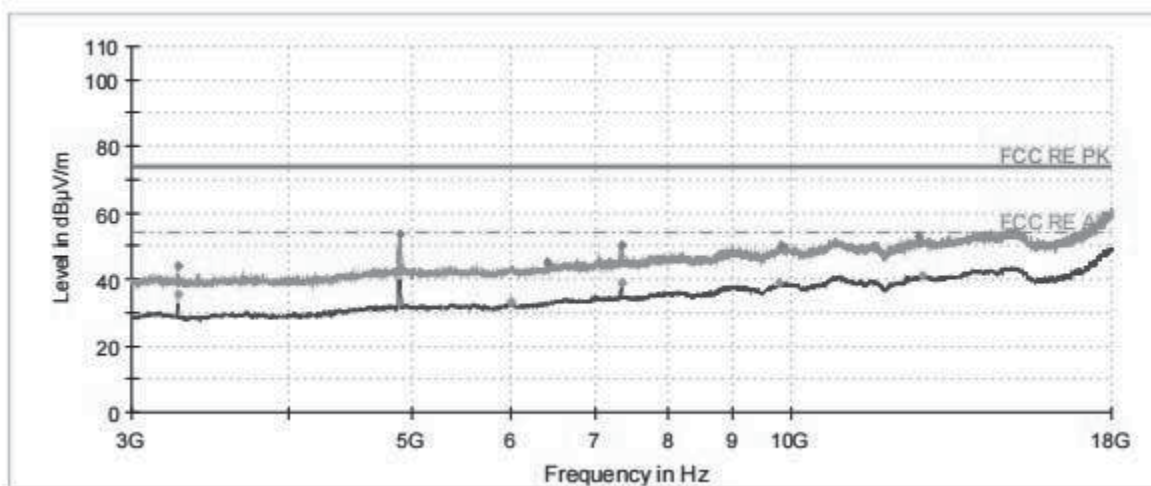


Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1079.75	---	36.79	54.00	17.21	100.0	H	349.00	-9
1146.25	46.77	---	74.00	27.23	100.0	H	345.00	-9
1415.50	48.67	---	74.00	25.33	200.0	H	117.00	-7
1440.25	---	36.97	54.00	17.03	100.0	H	172.00	-7
1920.00	---	40.00	54.00	14.00	100.0	H	340.00	-5
1971.75	50.16	---	74.00	23.84	200.0	H	11.00	-5
2388.50	56.43	---	74.00	17.57	200.0	H	285.00	-4
2389.25	---	44.74	54.00	9.26	100.0	H	235.00	-4
2484.00	---	47.71	54.00	6.29	100.0	H	285.00	-4
2485.25	61.43	---	74.00	12.57	100.0	H	235.00	-4
2878.50	---	39.82	54.00	14.18	200.0	H	101.00	-3
2896.75	51.55	---	74.00	22.45	100.0	H	359.00	-3

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



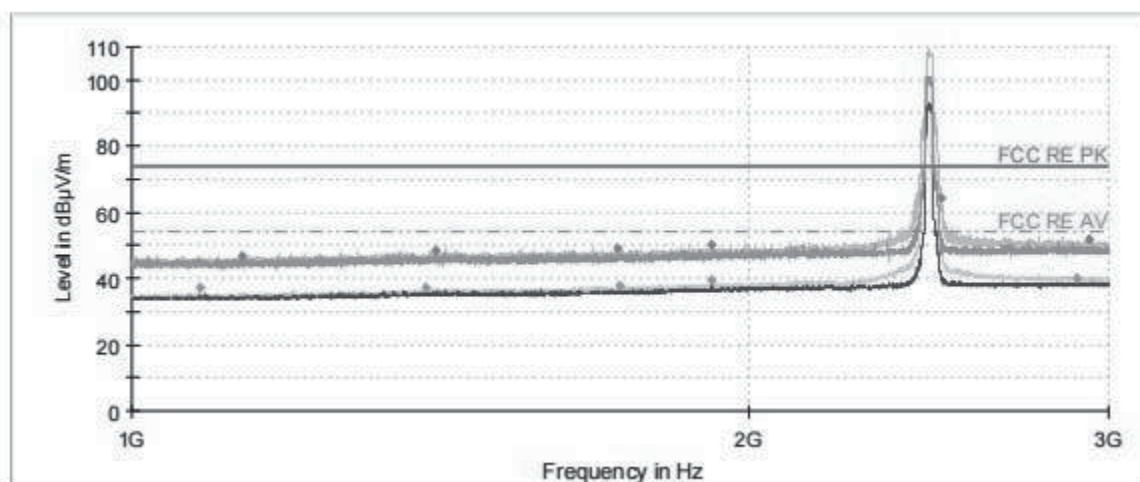
Radiates Emission from 3GHz to 18GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3262.50	---	35.45	54.00	18.55	100.0	H	306.00	-13
3262.50	44.11	---	74.00	29.89	200.0	H	338.00	-13
4893.75	---	43.41	54.00	10.59	100.0	H	306.00	-9
4893.75	53.52	---	74.00	20.48	100.0	H	306.00	-9
5994.38	---	33.40	54.00	20.60	200.0	V	73.00	-5
6406.88	44.93	---	74.00	29.07	100.0	V	304.00	-5
7336.88	---	39.15	54.00	14.85	100.0	H	97.00	-3
7340.63	50.43	---	74.00	23.57	100.0	H	239.00	-3
9795.00	---	38.93	54.00	15.07	100.0	H	211.00	-2
9836.25	50.27	---	74.00	23.73	200.0	V	205.00	-1
12652.50	52.81	---	74.00	21.19	200.0	V	27.00	2
12716.25	---	41.43	54.00	12.57	100.0	H	17.00	3

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



802.11n (HT20) CH9

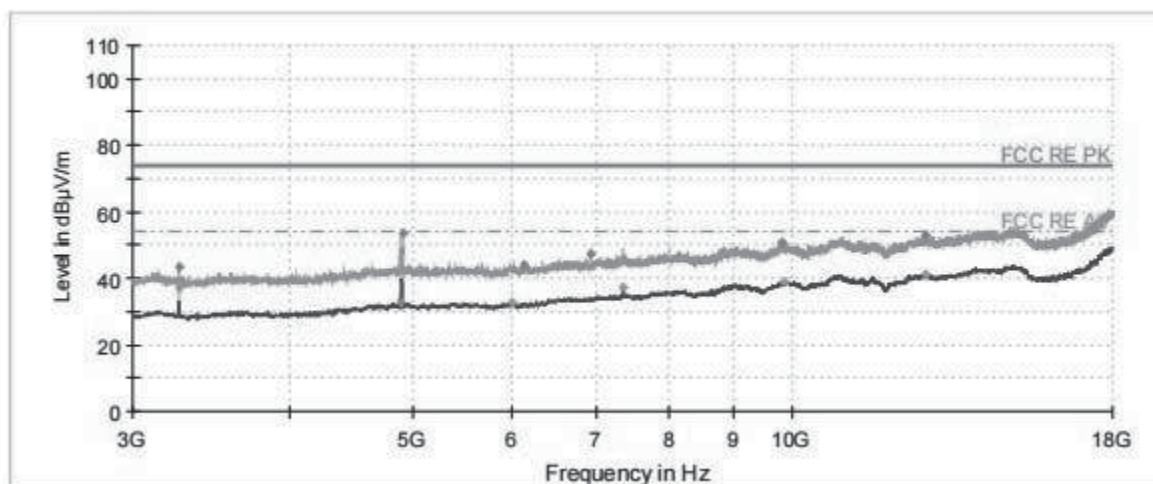


Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1080.00	---	37.16	54.00	16.84	100.0	H	317.00	-9
1131.00	46.69	---	74.00	27.31	200.0	V	349.00	-9
1391.25	---	36.96	54.00	17.04	100.0	H	326.00	-7
1406.75	48.54	---	74.00	25.46	100.0	H	249.00	-7
1724.50	48.87	---	74.00	25.13	100.0	H	333.00	-6
1731.00	---	37.59	54.00	16.41	200.0	H	68.00	-6
1920.00	49.96	---	74.00	24.04	100.0	H	350.00	-5
1920.00	---	39.67	54.00	14.33	100.0	H	350.00	-5
2483.75	---	48.59	54.00	5.41	100.0	H	232.00	-4
2484.75	64.31	---	74.00	9.69	200.0	H	239.00	-4
2895.25	---	40.18	54.00	13.82	200.0	H	1.00	-3
2931.75	51.94	---	74.00	22.06	100.0	H	0.00	-3

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



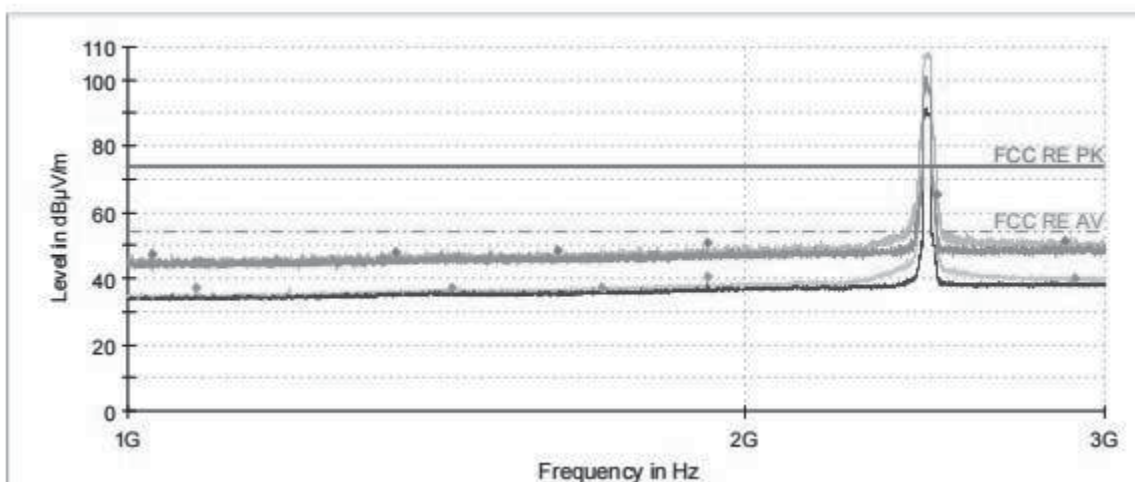
Radiates Emission from 3GHz to 18GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3268.13	---	37.10	54.00	16.90	200.0	H	346.00	-13
3268.13	43.44	---	74.00	30.56	200.0	H	346.00	-13
4901.25	---	42.74	54.00	11.26	100.0	H	309.00	-9
4914.38	53.42	---	74.00	20.59	100.0	H	309.00	-8
5988.75	---	32.75	54.00	21.25	100.0	H	59.00	-5
6142.50	43.92	---	74.00	30.08	100.0	H	128.00	-6
6933.75	47.16	---	74.00	26.84	200.0	H	341.00	-3
7348.13	---	37.10	54.00	16.90	100.0	H	92.00	-3
9843.75	50.50	---	74.00	23.50	100.0	H	100.00	-1
9851.25	---	39.12	54.00	14.88	100.0	V	176.00	-1
12780.00	53.11	---	74.00	20.89	100.0	V	242.00	2
12795.00	---	41.21	54.00	12.79	100.0	H	203.00	2

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



802.11n (HT20) CH10

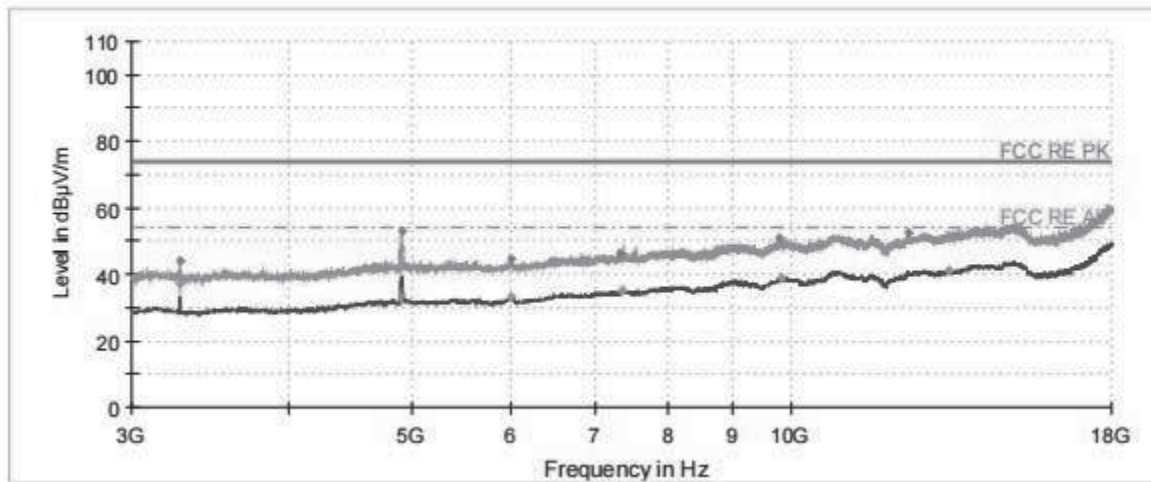


Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1026.25	47.24	---	74.00	26.76	100.0	H	320.00	-10
1080.00	---	37.14	54.00	16.86	100.0	H	341.00	-9
1352.75	48.06	---	74.00	25.94	100.0	H	244.00	-7
1440.25	---	37.00	54.00	17.00	100.0	H	218.00	-7
1622.75	48.38	---	74.00	25.62	100.0	H	359.00	-6
1703.00	---	37.36	54.00	16.64	200.0	H	190.00	-6
1920.00	---	40.37	54.00	13.63	100.0	H	341.00	-5
1920.25	50.74	---	74.00	23.26	100.0	H	341.00	-5
2484.00	65.45	---	74.00	8.55	100.0	H	269.00	-4
2484.25	---	48.65	54.00	5.35	100.0	H	278.00	-4
2871.25	51.30	---	74.00	22.70	100.0	H	350.00	-3
2899.75	---	39.91	54.00	14.09	100.0	H	358.00	-3

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



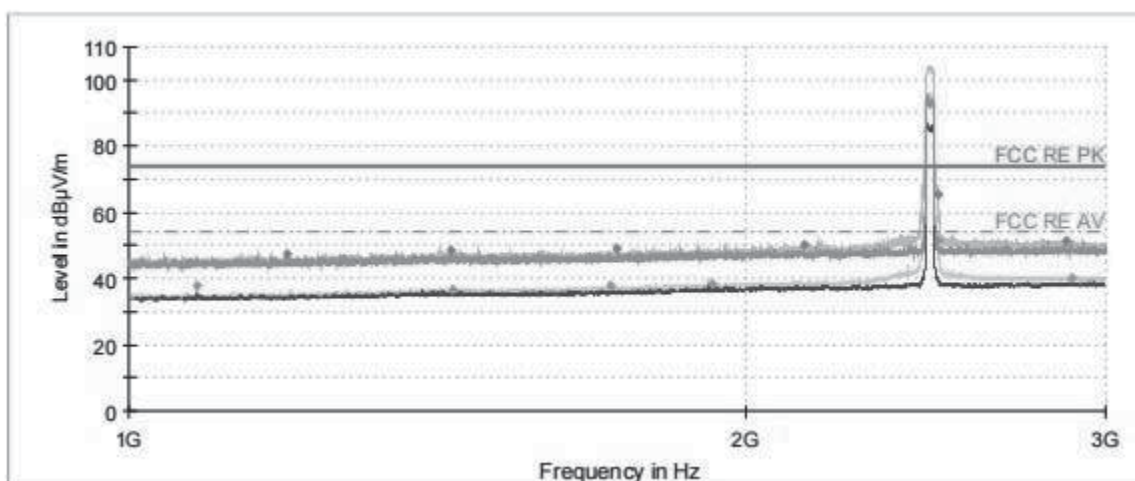
Radiates Emission from 3GHz to 18GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3275.63	---	36.98	54.00	17.02	200.0	H	342.00	-13
3275.63	44.28	---	74.00	29.72	200.0	H	342.00	-13
4910.63	---	42.63	54.00	11.37	200.0	H	51.00	-8
4912.50	52.80	---	74.00	21.20	100.0	H	308.00	-8
5996.25	44.60	---	74.00	29.40	100.0	H	260.00	-5
5998.13	---	33.33	54.00	20.67	100.0	H	98.00	-5
7331.25	46.30	---	74.00	27.70	200.0	V	3.00	-3
7348.13	---	34.85	54.00	19.15	100.0	H	4.00	-3
9795.00	50.49	---	74.00	23.51	200.0	H	314.00	-2
9826.88	---	38.83	54.00	15.17	100.0	H	79.00	-1
12410.63	52.55	---	74.00	21.45	200.0	V	26.00	2
13351.88	---	41.17	54.00	12.83	200.0	V	10.00	3

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



802.11n (HT20) CH11

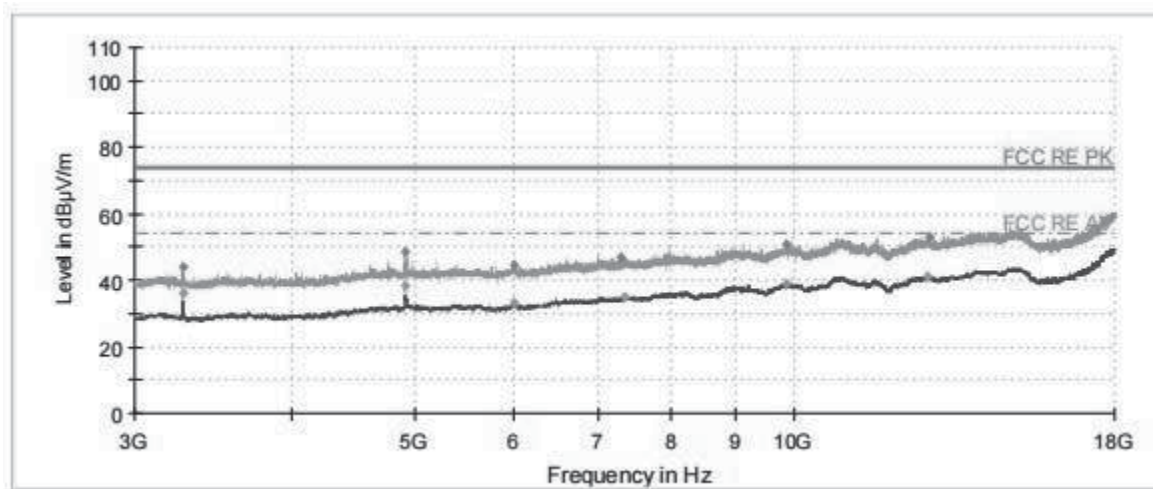


Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1080.00	---	37.58	54.00	16.42	100.0	H	334.00	-9
1194.00	47.31	---	74.00	26.69	200.0	H	150.00	-9
1434.50	48.55	---	74.00	25.45	100.0	H	356.00	-7
1440.25	---	36.92	54.00	17.08	200.0	H	150.00	-7
1718.75	---	37.52	54.00	16.48	100.0	H	359.00	-6
1729.25	48.88	---	74.00	25.12	100.0	H	309.00	-6
1926.50	---	38.43	54.00	15.57	200.0	H	13.00	-5
2139.25	50.32	---	74.00	23.68	200.0	H	13.00	-4
2484.00	65.46	---	74.00	8.54	100.0	H	266.00	-4
2484.00	---	51.13	54.00	2.87	100.0	H	266.00	-4
2867.75	51.28	---	74.00	22.72	100.0	H	327.00	-3
2888.00	---	40.24	54.00	13.76	200.0	H	73.00	-3

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

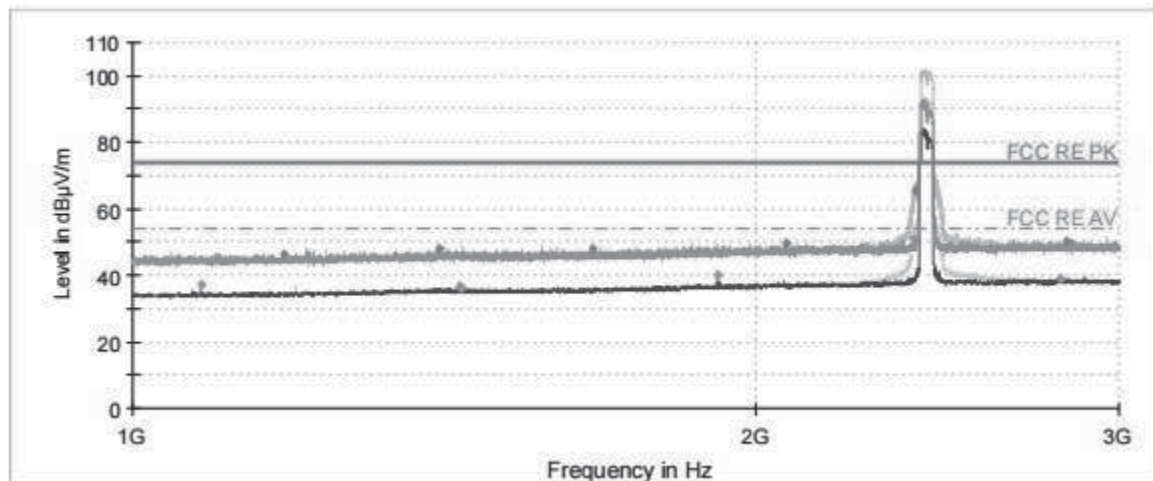


Radiates Emission from 3GHz to 18GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3281.25	---	36.17	54.00	17.83	200.0	H	333.00	-13
3281.25	43.85	---	74.00	30.15	100.0	H	27.00	-13
4923.75	48.35	---	74.00	25.65	100.0	H	309.00	-8
4925.63	---	38.13	54.00	15.87	200.0	H	51.00	-8
5996.25	---	33.25	54.00	20.75	200.0	H	355.00	-5
6007.50	44.41	---	74.00	29.59	200.0	H	297.00	-5
7282.50	47.01	---	74.00	26.99	200.0	H	203.00	-4
7344.38	---	35.16	54.00	18.84	100.0	V	0.00	-3
9855.00	---	39.10	54.00	14.91	200.0	V	210.00	-1
9862.50	50.80	---	74.00	23.20	200.0	H	22.00	-1
12798.75	---	41.17	54.00	12.83	200.0	H	0.00	2
12808.13	53.03	---	74.00	20.97	200.0	V	10.00	2

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

802.11n (HT40) CH3

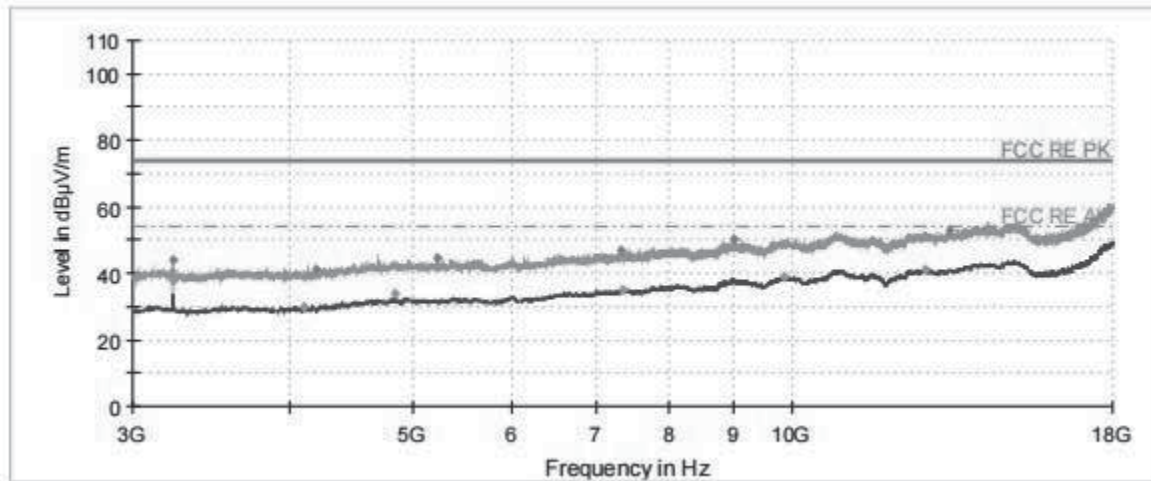


Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1080.00	---	37.08	54.00	16.92	100.0	H	343.00	-9
1182.50	46.47	---	74.00	27.53	200.0	V	357.00	-9
1408.00	47.79	---	74.00	26.21	200.0	H	79.00	-7
1440.00	---	36.41	54.00	17.59	100.0	H	356.00	-7
1442.75	---	36.38	54.00	17.62	100.0	V	59.00	-7
1668.50	47.99	---	74.00	26.01	200.0	H	12.00	-6
1920.25	---	39.81	54.00	14.19	100.0	H	338.00	-5
2070.25	49.80	---	74.00	24.20	100.0	H	357.00	-5
2385.75	---	50.84	54.00	3.16	100.0	H	230.00	-4
2388.75	65.69	---	74.00	8.31	100.0	H	248.00	-4
2808.25	---	38.85	54.00	15.15	200.0	H	96.00	-3
2831.50	50.12	---	74.00	23.88	200.0	H	79.00	-3

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



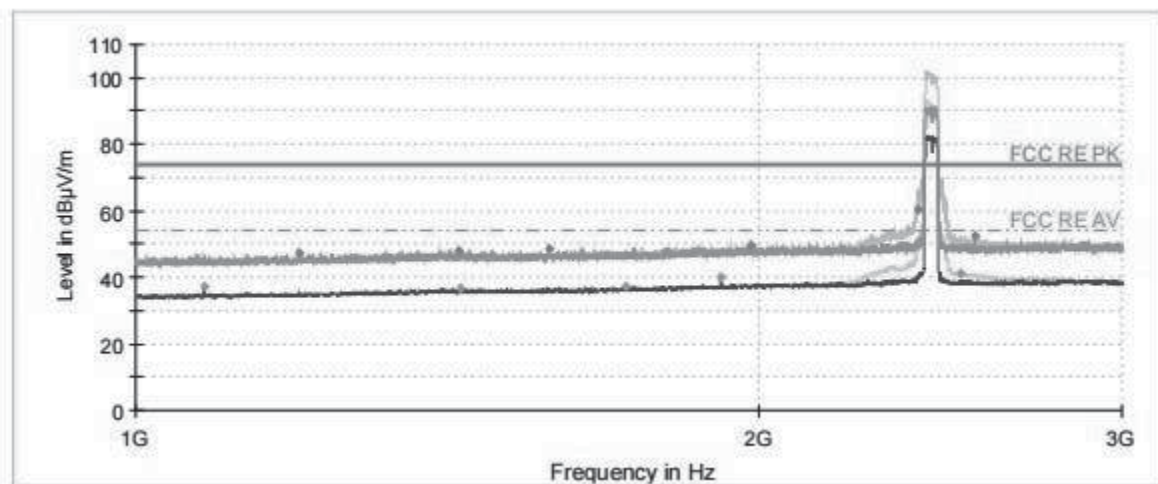
Radiates Emission from 3GHz to 18GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3228.75	---	37.65	54.00	16.35	100.0	H	34.00	-13
3228.75	43.87	---	74.00	30.13	100.0	H	34.00	-13
4100.63	---	29.69	54.00	24.31	200.0	V	54.00	-11
4196.25	41.14	---	74.00	32.86	200.0	V	194.00	-11
4843.13	---	34.07	54.00	19.93	200.0	H	306.00	-9
5238.75	44.59	---	74.00	29.41	100.0	H	182.00	-8
7316.25	46.85	---	74.00	27.15	100.0	V	0.00	-3
7348.13	---	35.18	54.00	18.82	100.0	V	309.00	-3
9016.88	50.16	---	74.00	23.84	200.0	H	333.00	-2
9881.25	---	39.04	54.00	14.96	100.0	V	243.00	-1
12781.88	---	41.23	54.00	12.77	200.0	H	315.00	2
13346.25	53.24	---	74.00	20.76	100.0	V	357.00	3

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



802.11n (HT40) CH4

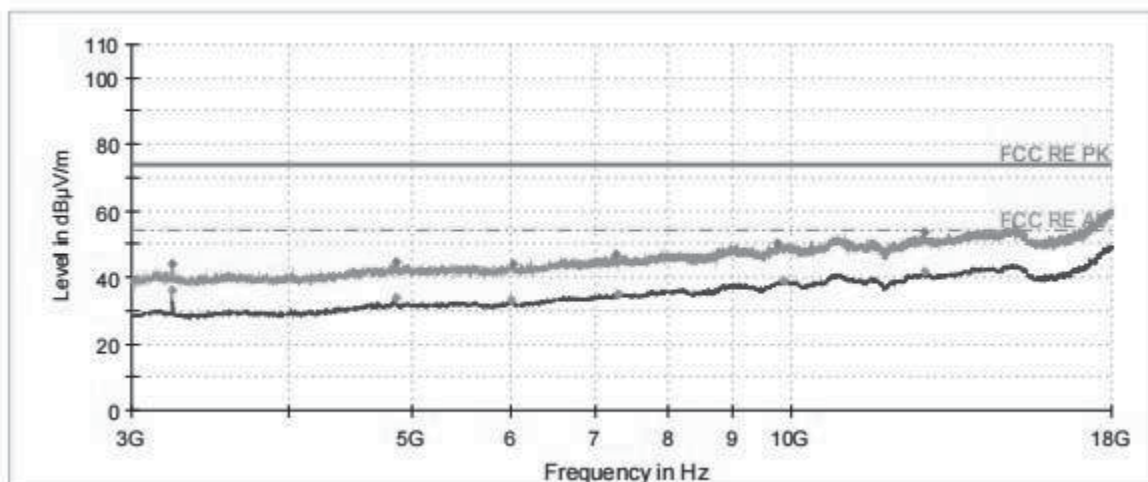


Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1080.00	---	37.29	54.00	16.71	100.0	H	324.00	-9
1199.75	47.20	---	74.00	26.80	100.0	H	147.00	-9
1432.00	47.98	---	74.00	26.02	100.0	V	10.00	-7
1435.75	---	36.60	54.00	17.40	100.0	V	1.00	-7
1585.00	48.45	---	74.00	25.55	100.0	H	0.00	-6
1724.75	---	37.07	54.00	16.93	200.0	V	320.00	-6
1920.25	---	39.94	54.00	14.06	200.0	V	156.00	-5
1986.25	49.73	---	74.00	24.27	200.0	H	278.00	-5
2388.50	60.24	---	74.00	13.76	200.0	H	0.00	-4
2388.75	---	49.42	54.00	4.58	200.0	H	5.00	-4
2506.50	---	41.22	54.00	12.78	100.0	H	359.00	-4
2543.50	52.68	---	74.00	21.32	100.0	H	339.00	-4

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



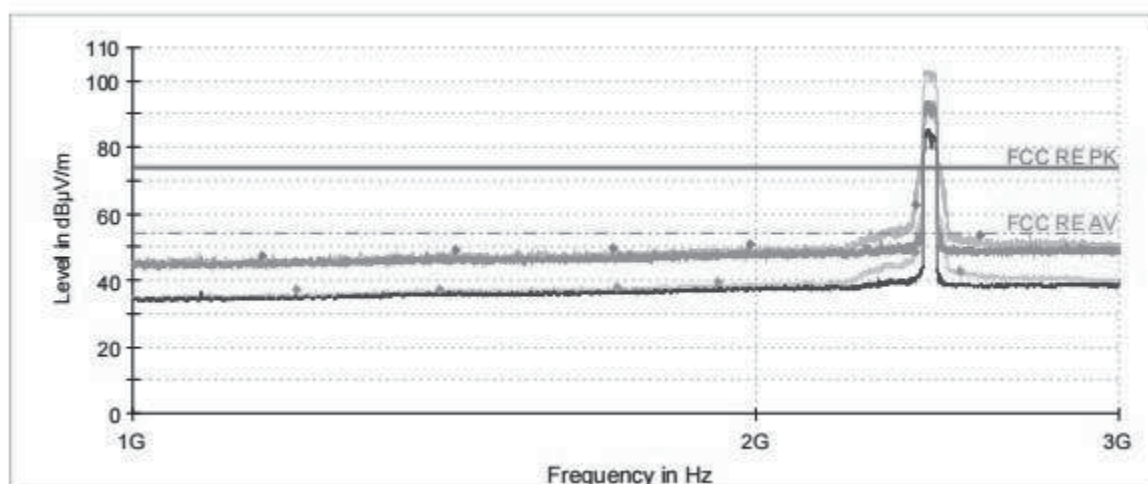
Radiates Emission from 3GHz to 18GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3234.38	---	36.06	54.00	17.94	200.0	H	358.00	-13
3234.38	43.78	---	74.00	30.22	200.0	H	358.00	-13
4854.38	---	33.93	54.00	20.07	200.0	H	104.00	-9
4854.38	44.60	---	74.00	29.40	100.0	H	61.00	-9
5996.25	---	33.07	54.00	20.93	100.0	H	80.00	-5
6028.13	44.27	---	74.00	29.73	200.0	V	82.00	-6
7276.88	46.64	---	74.00	27.36	100.0	V	354.00	-4
7286.25	---	34.85	54.00	19.15	200.0	V	20.00	-4
9765.00	50.15	---	74.00	23.85	200.0	V	92.00	-2
9879.38	---	39.13	54.00	14.87	200.0	V	0.00	-1
12781.88	---	41.62	54.00	12.38	200.0	H	30.00	2
12781.88	53.56	---	74.00	20.44	200.0	H	30.00	2

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



802.11n (HT40) CH5

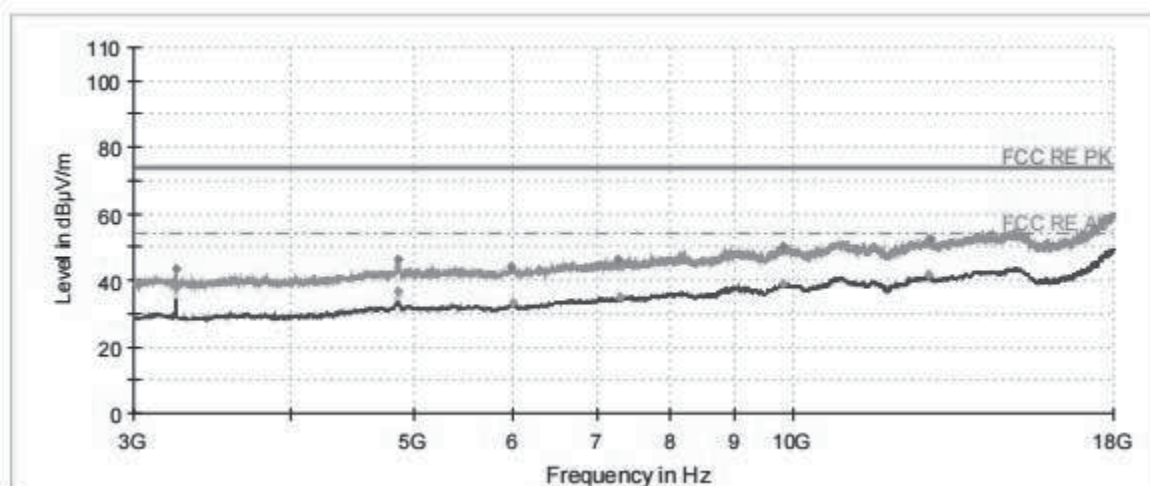


Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1155.50	47.32	---	74.00	26.68	200.0	H	133.00	-9
1200.00	---	37.13	54.00	16.87	100.0	H	142.00	-9
1408.00	---	37.19	54.00	16.81	200.0	H	0.00	-7
1431.75	49.21	---	74.00	24.79	200.0	H	0.00	-7
1706.75	49.41	---	74.00	24.59	200.0	H	4.00	-6
1716.50	---	37.88	54.00	16.12	200.0	H	217.00	-6
1920.00	---	39.46	54.00	14.54	200.0	H	31.00	-5
1990.00	50.64	---	74.00	23.36	200.0	H	268.00	-5
2388.75	---	48.25	54.00	5.75	100.0	H	7.00	-4
2389.75	62.79	---	74.00	11.21	100.0	H	1.00	-4
2509.75	---	43.11	54.00	10.89	200.0	H	10.00	-4
2566.50	53.80	---	74.00	20.20	200.0	H	14.00	-4

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



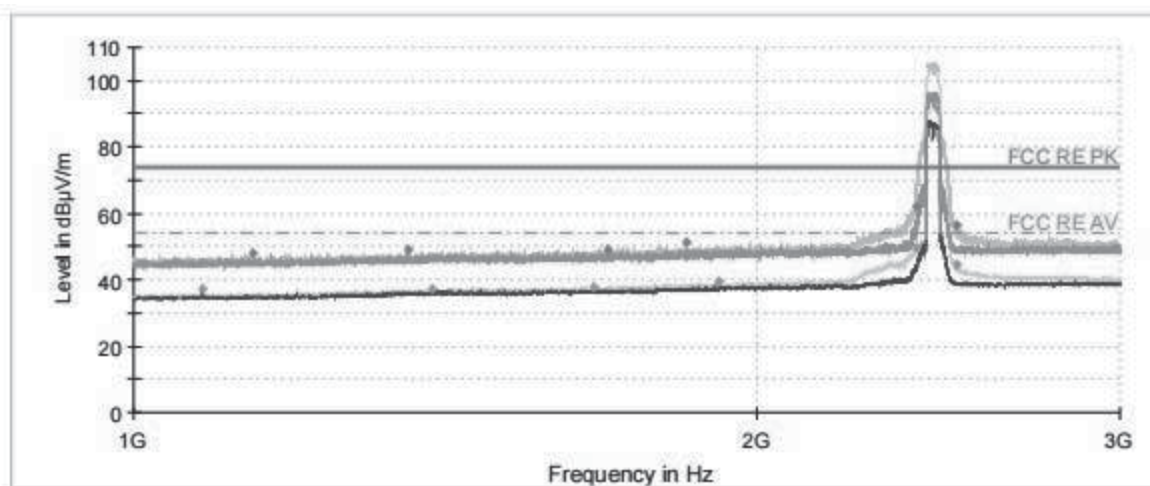
Radiates Emission from 3GHz to 18GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3241.88	---	38.07	54.00	15.93	200.0	H	340.00	-13
3241.88	43.59	---	74.00	30.41	100.0	H	32.00	-13
4863.75	46.03	---	74.00	27.97	100.0	H	51.00	-9
4865.63	---	36.39	54.00	17.61	200.0	H	52.00	-9
5979.38	43.92	---	74.00	30.08	100.0	V	348.00	-6
6000.00	---	33.25	54.00	20.75	200.0	H	278.00	-5
7276.88	46.07	---	74.00	27.93	100.0	H	117.00	-4
7295.63	---	35.03	54.00	18.97	100.0	H	99.00	-4
9825.00	---	39.06	54.00	14.94	200.0	H	100.00	-1
9838.13	50.19	---	74.00	23.81	200.0	H	354.00	-1
12815.63	---	41.66	54.00	12.34	100.0	V	299.00	2
12888.75	52.39	---	74.00	21.61	200.0	H	250.00	2

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



802.11n (HT40) CH6

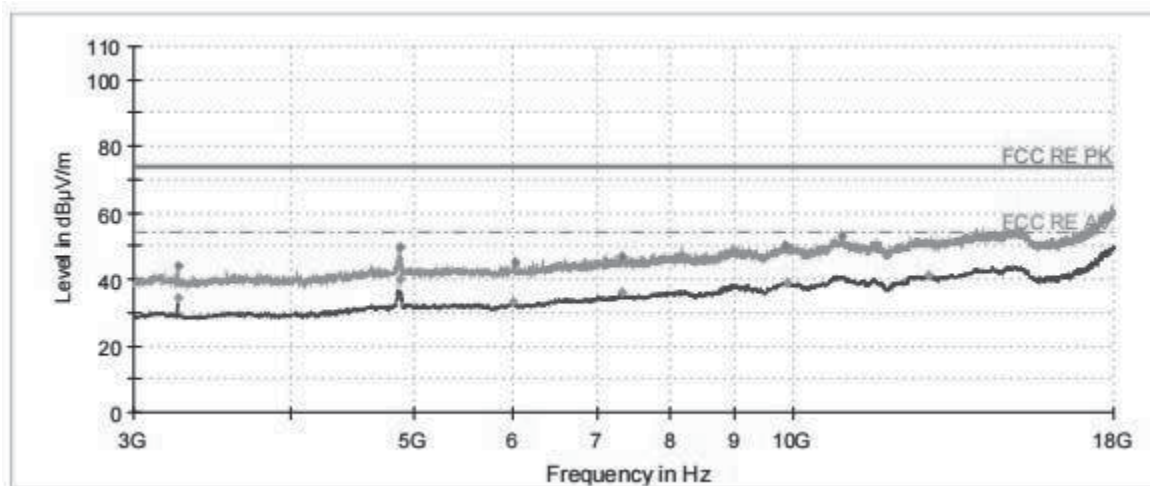


Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1080.00	---	37.23	54.00	16.77	100.0	V	0.00	-9
1142.75	47.99	---	74.00	26.01	100.0	H	152.00	-9
1358.25	48.80	---	74.00	25.20	100.0	H	161.00	-7
1394.00	---	37.26	54.00	16.74	100.0	H	201.00	-7
1667.75	---	37.91	54.00	16.09	100.0	H	269.00	-6
1696.25	49.17	---	74.00	24.83	200.0	H	284.00	-6
1850.25	51.33	---	74.00	22.67	200.0	H	149.00	-5
1920.25	---	39.71	54.00	14.29	200.0	V	158.00	-5
2388.75	---	49.47	54.00	4.53	100.0	H	24.00	-4
2389.25	61.98	---	74.00	12.02	200.0	H	2.00	-4
2499.25	56.23	---	74.00	17.77	100.0	H	0.00	-4
2499.50	---	44.52	54.00	9.48	100.0	H	359.00	-4

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



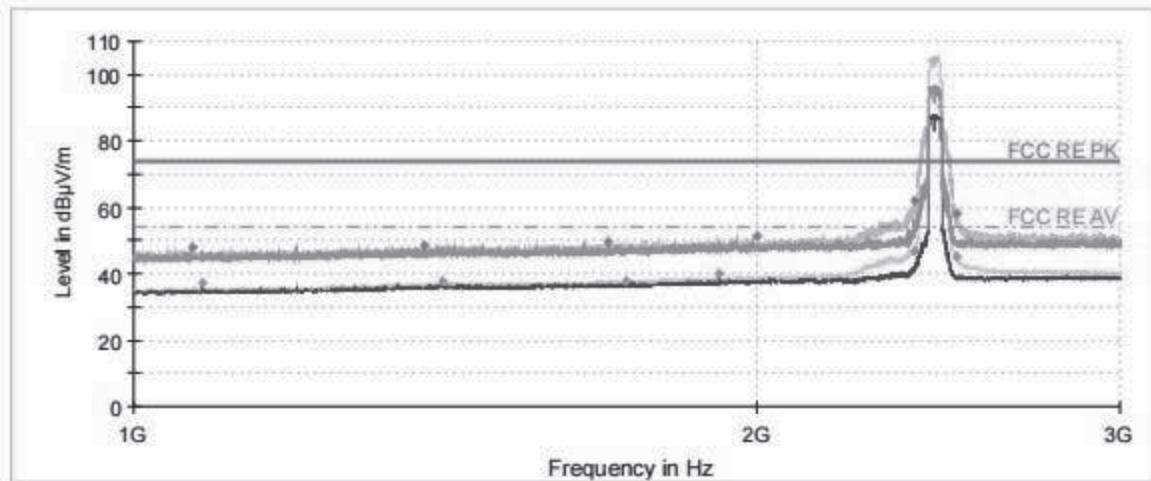
Radiates Emission from 3GHz to 18GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3247.50	---	34.64	54.00	19.36	100.0	H	31.00	-13
3247.50	43.82	---	74.00	30.18	100.0	H	31.00	-13
4873.13	49.66	---	74.00	24.34	100.0	H	58.00	-9
4875.00	---	40.16	54.00	13.84	100.0	H	58.00	-9
5992.50	---	33.47	54.00	20.53	200.0	H	354.00	-5
6028.13	45.21	---	74.00	28.79	100.0	H	180.00	-6
7308.75	---	36.38	54.00	17.62	100.0	H	265.00	-3
7310.63	46.66	---	74.00	27.34	100.0	H	94.00	-3
9860.63	50.30	---	74.00	23.70	100.0	V	306.00	-1
9905.63	---	39.14	54.00	14.86	200.0	V	236.00	-1
10961.25	52.75	---	74.00	21.25	200.0	V	151.00	0
12808.13	---	41.33	54.00	12.67	200.0	H	270.00	2

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



802.11n (HT40) CH7

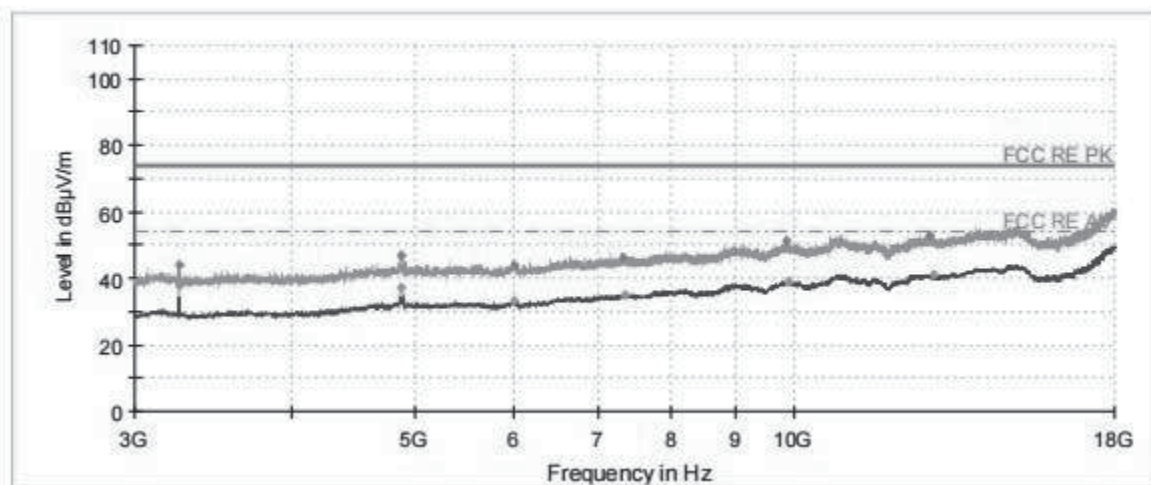


Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1068.25	47.96	---	74.00	26.04	100.0	H	156.00	-9
1080.00	---	37.17	54.00	16.83	100.0	H	120.00	-9
1381.50	48.58	---	74.00	25.42	100.0	H	257.00	-7
1409.75	---	37.77	54.00	16.23	200.0	H	105.00	-7
1693.75	49.90	---	74.00	24.10	100.0	H	357.00	-6
1728.25	---	38.06	54.00	15.94	200.0	H	80.00	-6
1920.00	---	40.03	54.00	13.97	200.0	V	0.00	-5
2002.75	51.15	---	74.00	22.85	200.0	H	114.00	-5
2386.00	---	47.05	54.00	6.95	100.0	H	358.00	-4
2386.25	62.06	---	74.00	11.94	100.0	H	42.00	-4
2498.50	58.35	---	74.00	15.65	100.0	H	0.00	-4
2499.00	---	44.99	54.00	9.01	100.0	H	359.00	-4

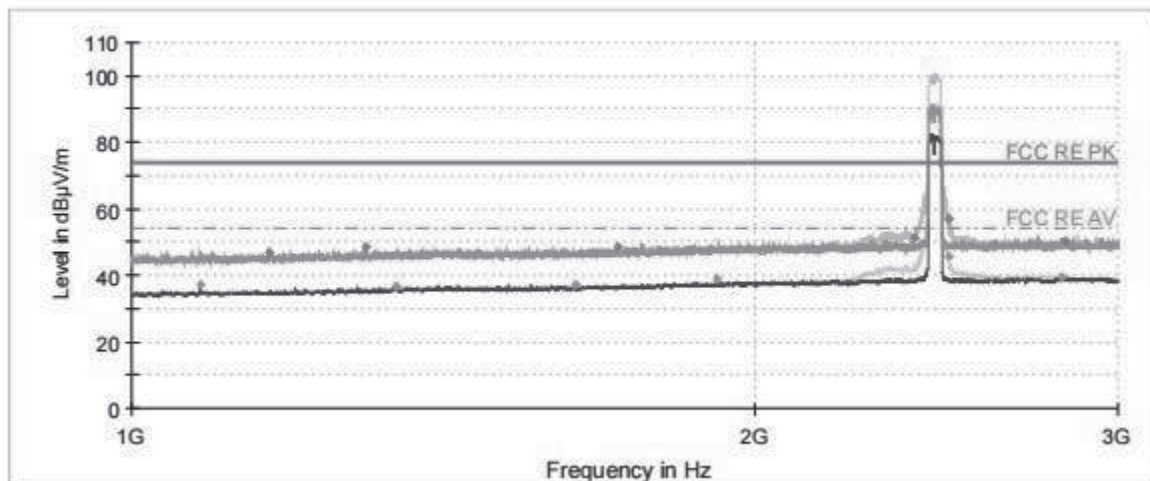
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



Radiates Emission from 3GHz to 18GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3255.00	---	37.81	54.00	16.19	100.0	H	31.00	-13
3255.00	44.01	---	74.00	29.99	100.0	H	31.00	-13
4878.75	---	36.96	54.00	17.04	200.0	H	52.00	-9
4878.75	46.71	---	74.00	27.29	100.0	H	58.00	-9
5998.13	---	33.49	54.00	20.51	200.0	H	24.00	-5
6001.88	44.01	---	74.00	29.99	200.0	H	0.00	-5
7314.38	46.36	---	74.00	27.64	200.0	H	353.00	-3
7344.38	---	35.04	54.00	18.96	100.0	H	39.00	-3
9883.13	51.44	---	74.00	22.56	100.0	V	0.00	-1
9905.63	---	39.17	54.00	14.83	100.0	V	184.00	-1
12806.25	52.76	---	74.00	21.24	100.0	H	12.00	2
12894.38	---	41.36	54.00	12.64	100.0	V	308.00	2

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

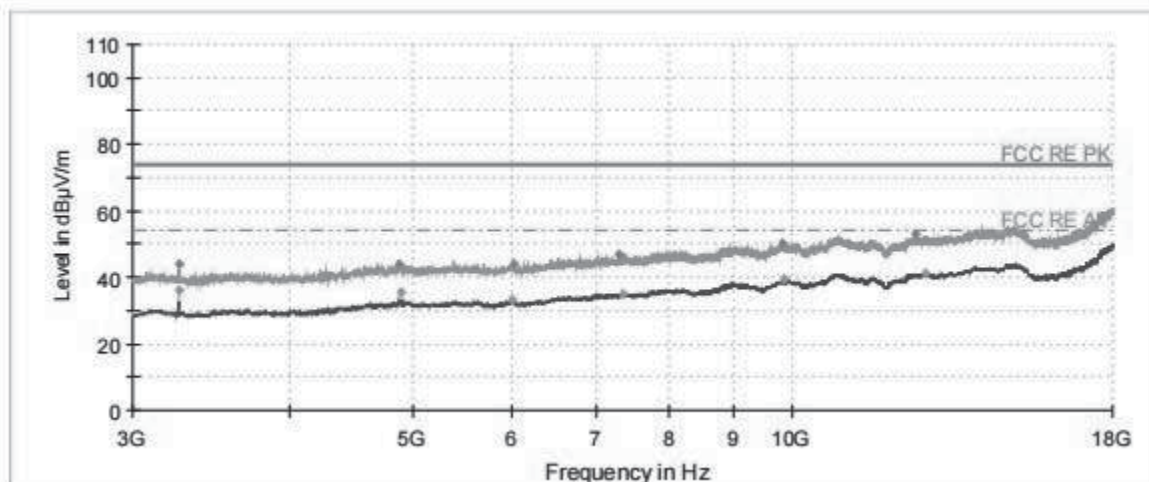
**802.11n (HT40) CH8**

Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1080.00	---	37.38	54.00	16.62	100.0	H	332.00	-9
1165.00	47.10	---	74.00	26.90	100.0	H	0.00	-9
1296.75	48.48	---	74.00	25.52	100.0	H	175.00	-8
1342.00	---	36.71	54.00	17.29	100.0	H	292.00	-7
1640.50	---	37.11	54.00	16.89	200.0	H	234.00	-6
1718.00	48.77	---	74.00	25.23	100.0	V	229.00	-6
1920.25	---	39.20	54.00	14.80	200.0	V	159.00	-5
2389.25	51.57	---	74.00	22.43	200.0	H	17.00	-4
2484.50	---	45.63	54.00	8.37	200.0	H	17.00	-4
2485.25	56.74	---	74.00	17.26	200.0	H	13.00	-4
2815.00	---	39.44	54.00	14.56	200.0	H	2.00	-3
2832.25	50.47	---	74.00	23.53	200.0	H	9.00	-3

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



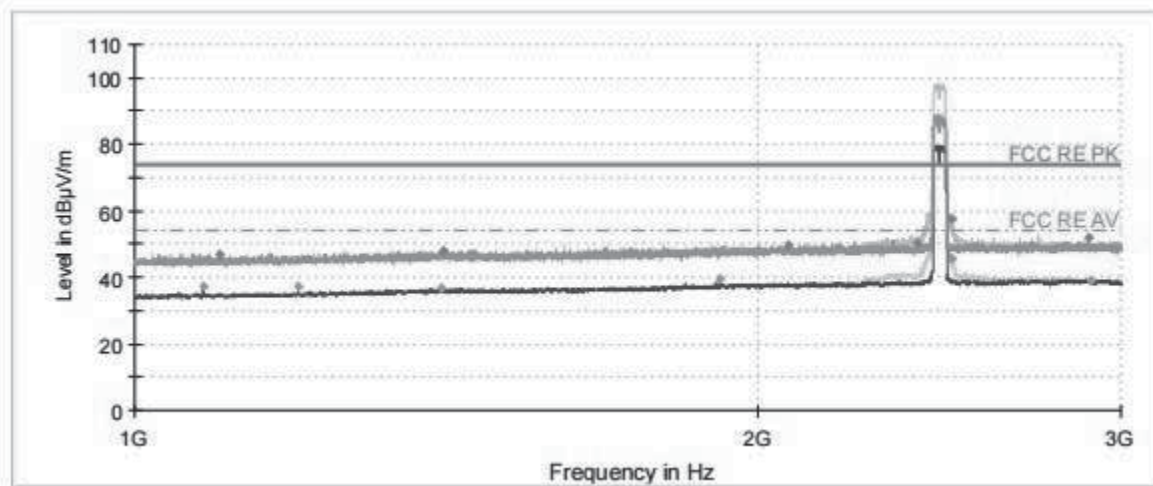
Radiates Emission from 3GHz to 18GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3262.50	---	36.30	54.00	17.70	100.0	H	305.00	-13
3262.50	44.13	---	74.00	29.87	100.0	H	305.00	-13
4878.75	43.94	---	74.00	30.06	100.0	H	49.00	-9
4899.38	---	35.64	54.00	18.36	100.0	H	30.00	-9
5998.13	---	33.40	54.00	20.60	100.0	H	11.00	-5
6016.88	44.14	---	74.00	29.86	100.0	H	171.00	-5
7293.75	46.77	---	74.00	27.24	100.0	V	299.00	-4
7348.13	---	34.99	54.00	19.01	100.0	H	86.00	-3
9828.75	50.17	---	74.00	23.83	200.0	H	276.00	-1
9883.13	---	39.43	54.00	14.57	200.0	V	33.00	-1
12528.75	52.93	---	74.00	21.07	200.0	H	80.00	2
12793.13	---	41.34	54.00	12.66	100.0	H	171.00	2

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



802.11n (HT40) CH9

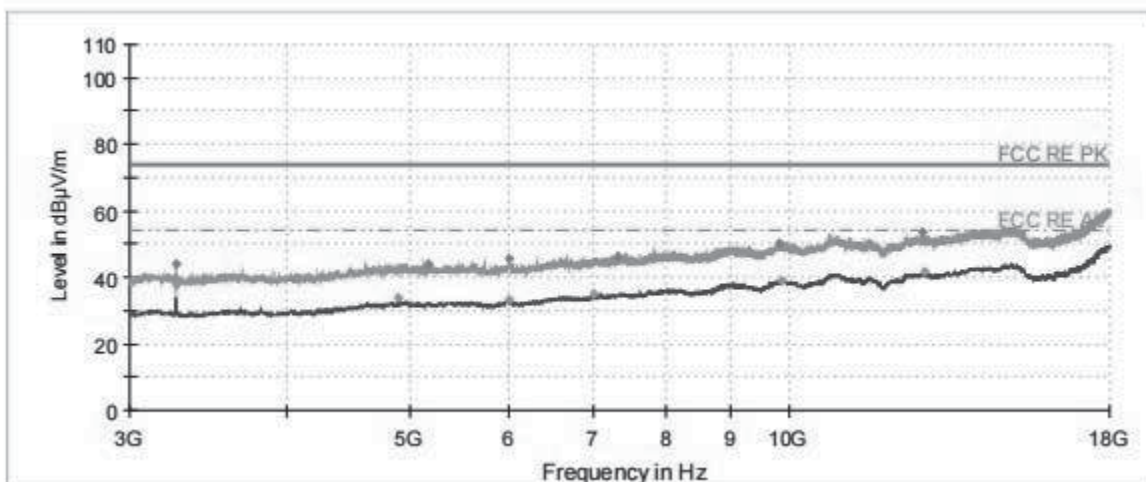


Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1080.00	---	37.07	54.00	16.93	100.0	H	39.00	-9
1100.00	46.96	---	74.00	27.04	200.0	H	31.00	-9
1200.00	---	37.32	54.00	16.68	100.0	H	141.00	-9
1408.50	---	36.69	54.00	17.31	200.0	H	258.00	-7
1408.75	47.99	---	74.00	26.01	200.0	V	217.00	-7
1920.25	---	39.60	54.00	14.40	200.0	V	358.00	-5
2069.75	49.91	---	74.00	24.09	200.0	V	341.00	-5
2389.00	50.39	---	74.00	23.61	200.0	H	13.00	-4
2484.25	57.37	---	74.00	16.63	200.0	H	2.00	-4
2484.25	---	45.58	54.00	8.42	200.0	H	2.00	-4
2891.50	51.76	---	74.00	22.24	200.0	H	39.00	-3
2902.25	---	38.82	54.00	15.18	100.0	H	276.00	-3

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



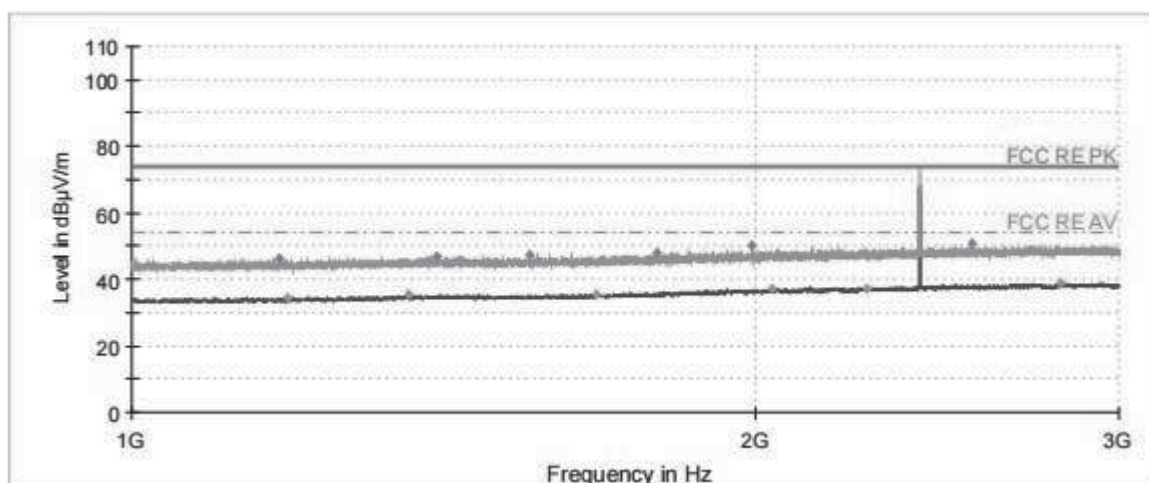
Radiates Emission from 3GHz to 18GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3268.13	---	37.67	54.00	16.33	200.0	H	336.00	-13
3268.13	43.93	---	74.00	30.07	200.0	H	336.00	-13
4903.13	---	33.71	54.00	20.29	100.0	H	307.00	-9
5180.63	44.08	---	74.00	29.92	200.0	H	356.00	-8
5994.38	---	33.22	54.00	20.78	200.0	H	319.00	-5
6000.00	45.61	---	74.00	28.39	100.0	V	0.00	-5
7006.88	---	35.00	54.00	19.00	200.0	H	224.00	-3
7308.75	46.22	---	74.00	27.78	200.0	H	359.00	-3
9828.75	50.25	---	74.00	23.75	100.0	V	201.00	-1
9851.25	---	39.02	54.00	14.98	200.0	V	55.00	-1
12783.75	53.69	---	74.00	20.31	200.0	V	346.00	2
12813.75	---	41.52	54.00	12.48	200.0	V	45.00	2

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



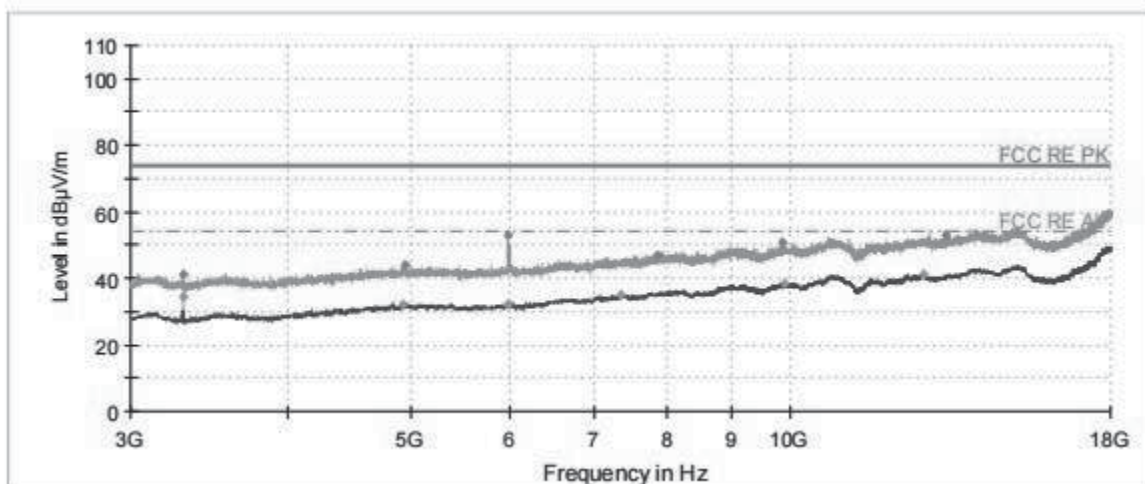
Bluetooth LE-Channel 0



Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1177.75	46.39	---	74.00	27.61	200.0	V	123.00	-9
1188.00	---	34.34	54.00	19.66	100.0	V	68.00	-9
1361.00	---	35.27	54.00	18.73	200.0	V	251.00	-7
1403.00	47.07	---	74.00	26.93	200.0	V	340.00	-7
1558.00	47.32	---	74.00	26.68	200.0	H	4.00	-7
1676.25	---	35.56	54.00	18.44	100.0	V	4.00	-6
1793.75	48.12	---	74.00	25.88	200.0	H	106.00	-6
1993.00	50.25	---	74.00	23.75	200.0	V	148.00	-5
2040.25	---	37.14	54.00	16.86	100.0	H	87.00	-5
2264.75	---	37.45	54.00	16.55	200.0	H	2.00	-4
2547.00	50.79	---	74.00	23.21	200.0	V	260.00	-4
2810.25	---	38.89	54.00	15.11	100.0	V	60.00	-3

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



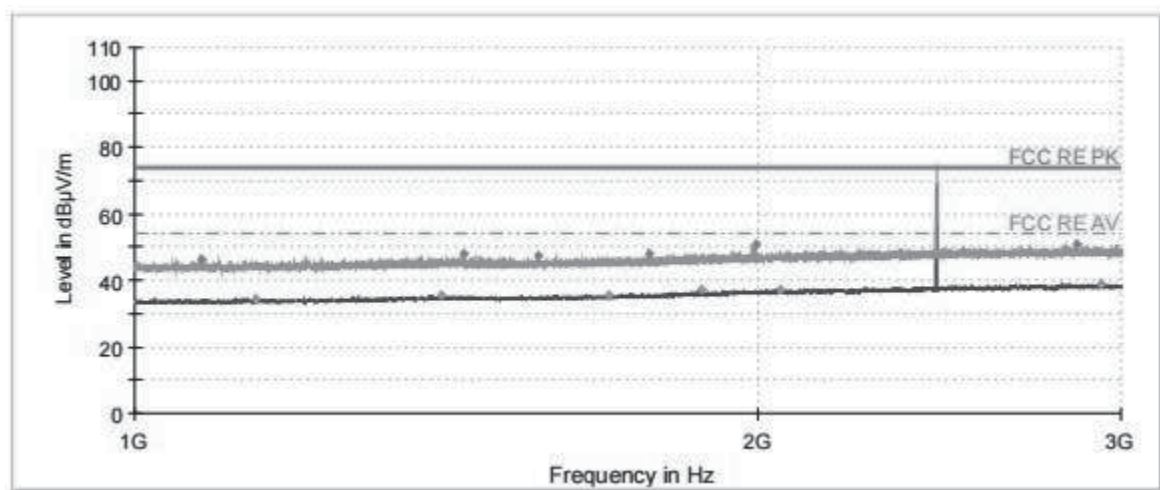
Radiates Emission from 3GHz to 18GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3305.63	---	34.32	54.00	19.68	100.0	H	0.00	-13
3305.63	41.39	---	74.00	32.61	100.0	H	0.00	-13
4935.00	---	32.09	54.00	21.91	100.0	H	306.00	-8
4961.25	43.82	---	74.00	30.18	100.0	H	13.00	-8
5970.00	---	32.34	54.00	21.66	100.0	H	353.00	-6
5971.88	52.93	---	74.00	21.07	100.0	V	290.00	-6
7338.75	---	34.80	54.00	19.20	100.0	H	296.00	-3
7843.13	46.91	---	74.00	27.09	200.0	H	2.00	-3
9858.75	50.60	---	74.00	23.40	100.0	H	51.00	-1
9894.38	---	38.54	54.00	15.46	100.0	H	296.00	-1
12774.38	---	41.00	54.00	13.00	200.0	V	91.00	2
13310.63	52.77	---	74.00	21.23	100.0	V	2.00	3

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



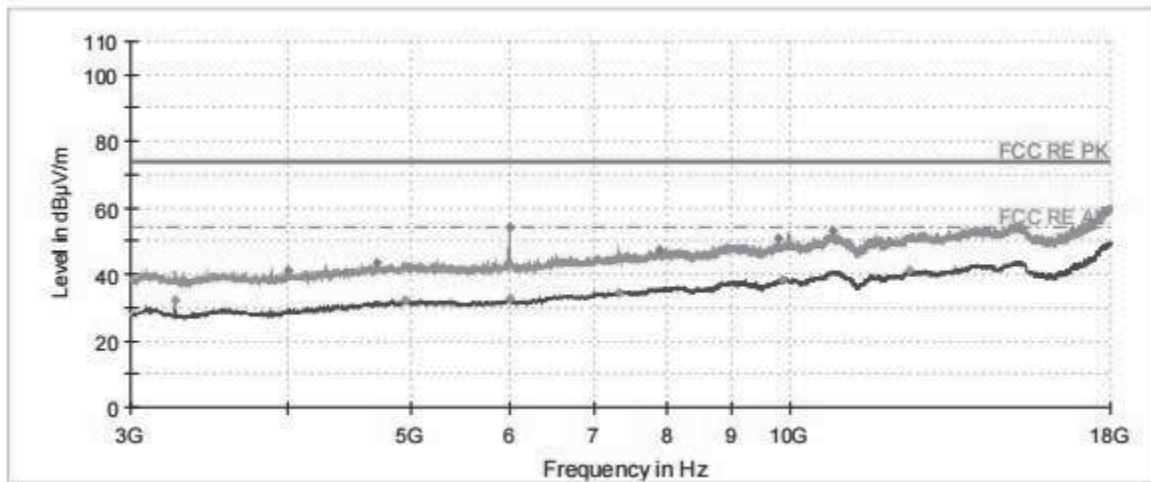
Bluetooth LE-Channel 19



Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1078.00	46.02	---	74.00	27.98	200.0	V	292.00	-9
1144.00	---	34.45	54.00	19.55	200.0	H	157.00	-9
1407.00	---	35.32	54.00	18.68	100.0	H	7.00	-7
1441.75	47.76	---	74.00	26.24	200.0	V	353.00	-7
1566.00	47.39	---	74.00	26.61	100.0	V	71.00	-7
1696.25	---	35.63	54.00	18.37	100.0	V	154.00	-6
1775.25	48.07	---	74.00	25.93	100.0	V	95.00	-6
1878.50	---	37.25	54.00	16.75	200.0	V	55.00	-5
1998.00	50.52	---	74.00	23.48	200.0	V	164.00	-5
2053.00	---	37.26	54.00	16.74	100.0	V	221.00	-5
2852.25	50.77	---	74.00	23.23	200.0	H	1.00	-3
2933.75	---	38.92	54.00	15.08	200.0	V	208.00	-3

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



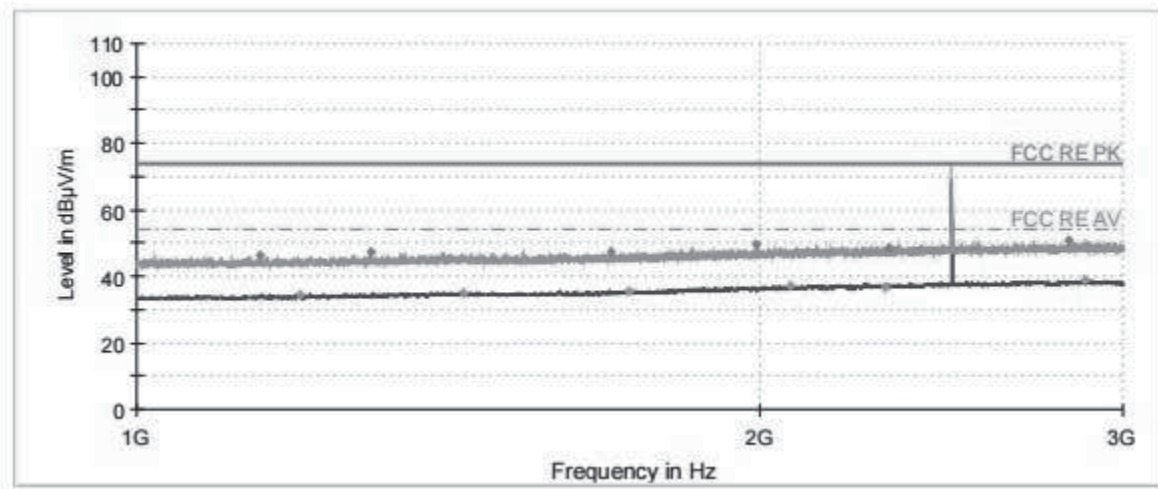
Radiates Emission from 3GHz to 18GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3256.88	---	32.16	54.00	21.84	100.0	H	354.00	-13
3997.50	41.30	---	74.00	32.70	100.0	V	132.00	-11
4708.13	43.58	---	74.00	30.42	200.0	V	116.00	-9
4953.75	---	32.31	54.00	21.69	200.0	H	84.00	-8
5994.38	54.14	---	74.00	19.86	100.0	V	263.00	-5
6009.38	---	32.87	54.00	21.13	100.0	H	162.00	-5
7320.00	---	34.66	54.00	19.34	200.0	H	2.00	-3
7888.13	47.64	---	74.00	26.36	200.0	V	191.00	-3
9808.13	50.54	---	74.00	23.46	100.0	H	264.00	-1
9877.50	---	38.38	54.00	15.62	200.0	H	328.00	-1
10841.25	53.20	---	74.00	20.80	100.0	V	179.00	0
12431.25	---	41.26	54.00	12.74	200.0	V	359.00	2

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



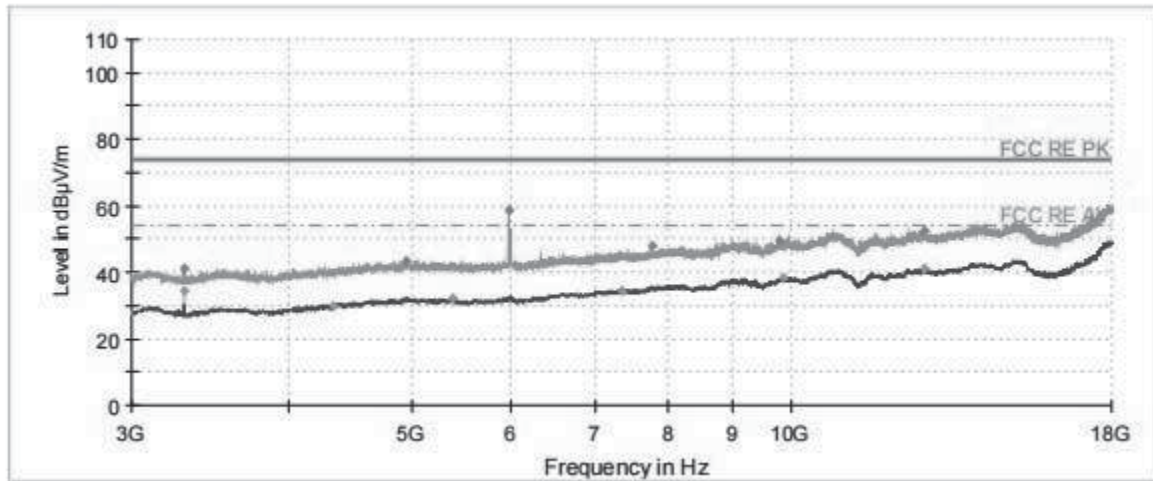
Bluetooth LE-Channel 39



Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1146.25	46.25	---	74.00	27.75	100.0	V	155.00	-9
1199.25	---	34.44	54.00	19.56	200.0	V	344.00	-9
1297.25	47.45	---	74.00	26.55	100.0	V	155.00	-8
1437.75	---	35.21	54.00	18.79	100.0	H	155.00	-7
1693.75	47.45	---	74.00	26.55	200.0	H	20.00	-6
1731.75	---	35.71	54.00	18.29	100.0	V	222.00	-6
1995.25	49.75	---	74.00	24.25	200.0	V	290.00	-5
2068.50	---	37.17	54.00	16.83	200.0	V	233.00	-5
2299.50	---	36.78	54.00	17.22	200.0	H	124.00	-4
2309.25	48.60	---	74.00	25.40	200.0	V	241.00	-4
2826.00	51.04	---	74.00	22.96	200.0	H	10.00	-3
2876.00	---	38.93	54.00	15.07	100.0	V	4.00	-3

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



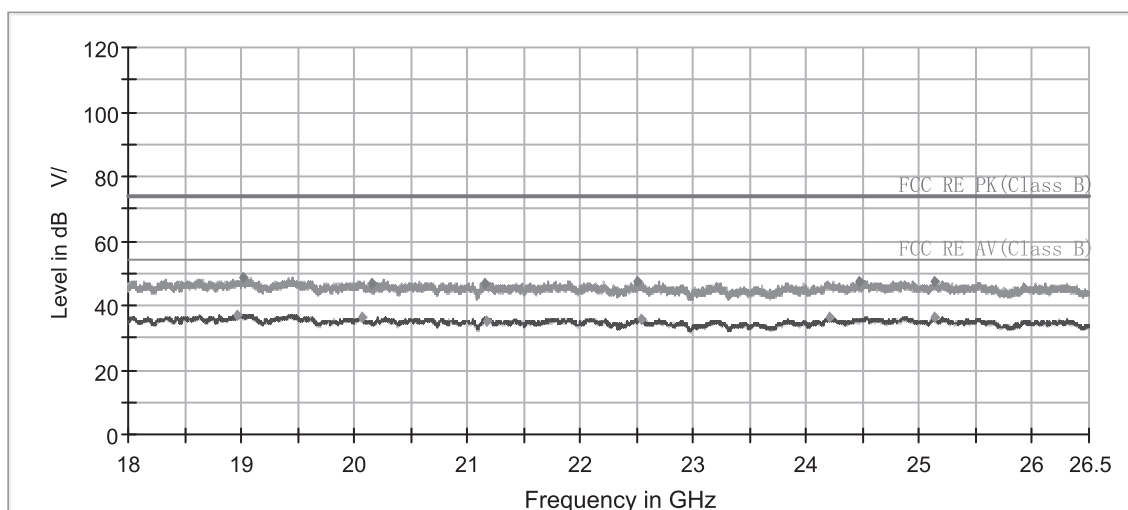
Radiates Emission from 3GHz to 18GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3305.63	---	34.29	54.00	19.71	100.0	H	354.00	-13
3305.63	41.10	---	74.00	32.90	100.0	H	354.00	-13
4338.75	---	30.05	54.00	23.95	100.0	H	352.00	-10
4955.63	43.54	---	74.00	30.46	200.0	H	123.00	-8
5400.00	---	32.25	54.00	21.75	100.0	V	45.00	-7
5973.75	58.61	---	74.00	15.39	100.0	V	83.00	-6
7348.13	---	34.64	54.00	19.36	100.0	H	256.00	-3
7773.75	47.73	---	74.00	26.27	100.0	H	13.00	-3
9806.25	49.56	---	74.00	24.44	100.0	V	1.00	-1
9877.50	---	38.23	54.00	15.77	200.0	V	358.00	-1
12778.13	52.43	---	74.00	21.57	100.0	H	0.00	2
12798.75	---	41.11	54.00	12.89	100.0	H	302.00	2

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



During the test, the Radiates Emission from 18GHz to 26.5GHz was performed in all modes with all channels, 802.11n (HT20) CH1 are selected as the worst condition. The test data of the worst-case condition was recorded in this report.



Radiates Emission from 18GHz to 26.5GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
18972.19	---	37.04	54.00	16.96	100.0	V	233.00	-1
19024.25	48.82	---	74.00	25.18	200.0	H	28.00	-1
20060.19	---	36.28	54.00	17.72	200.0	V	264.00	-1
20147.31	46.67	---	74.00	27.33	200.0	V	0.00	-1
21156.69	47.07	---	74.00	26.93	200.0	V	231.00	0
21177.94	---	35.35	54.00	18.65	200.0	H	132.00	0
22497.56	47.64	---	74.00	26.36	200.0	H	200.00	2
22543.25	---	35.64	54.00	18.36	100.0	H	275.00	2
24210.31	---	36.25	54.00	17.75	200.0	V	91.00	2
24463.19	47.45	---	74.00	26.55	100.0	H	340.00	3
25129.38	47.42	---	74.00	26.58	100.0	V	18.00	3
25140.00	---	36.27	54.00	17.73	200.0	V	217.00	3

5.7. Conducted Emission

Ambient condition

Temperature	Relative humidity	Pressure
23°C ~25°C	45%~50%	101.5kPa

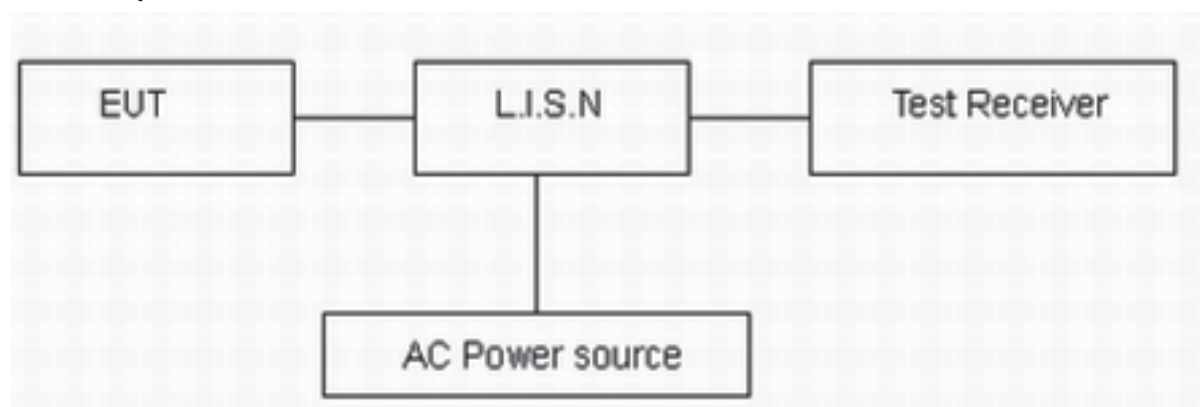
Methods of Measurement

The EUT is placed on a non-metallic table of 80cm height above the horizontal metal reference ground plane. During the test, the EUT was operating in its typical mode. The test method is according to ANSI C63.10. Connect the AC power line of the EUT to the L.I.S.N. Use EMI receiver to detect the average and Quasi-peak value. RBW is set to 9 kHz, VBW is set to 30kHz.

The measurement result should include both L line and N line.

The test is in transmitting mode.

Test Setup



Note: AC Power source is used to change the voltage 110V/60Hz.

Limits

Frequency (MHz)	Conducted Limits(dBμV)	
	Quasi-peak	Average
0.15 - 0.5	66 to 56 *	56 to 46 *
0.5 - 5	56	46
5 - 30	60	50

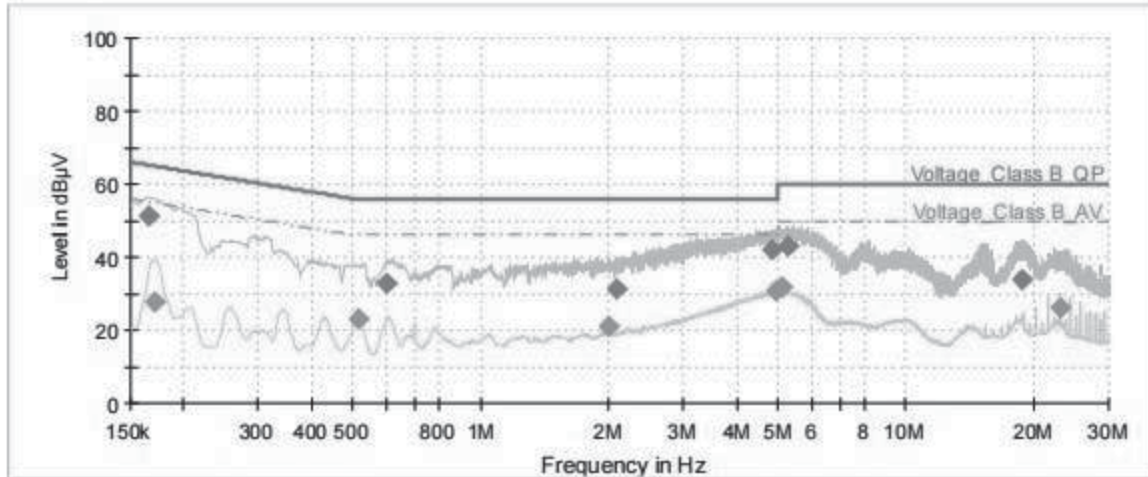
*: Decreases with the logarithm of the frequency.

Measurement Uncertainty

The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor $k = 1.96$, $U = 2.69$ dB.

Test Results:

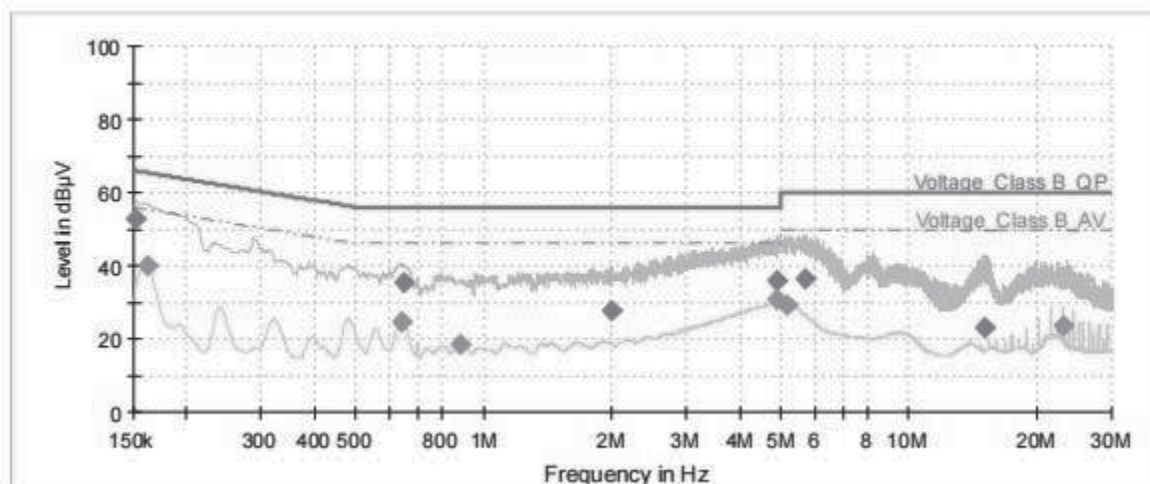
Following plots, Blue trace uses the peak detection and Green trace uses the average detection. During the test, the Conducted Emission was performed in all modes (Wi-Fi 2.4G /Bluetooth LE) with all channels, 802.11n (HT20) CH1 are selected as the worst condition. The test data of the worst-case condition was recorded in this report.



Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.17	51.47	---	65.17	13.70	1000.0	9.000	L1	ON	21
0.17	---	27.79	54.95	27.16	1000.0	9.000	L1	ON	21
0.51	---	23.20	46.00	22.80	1000.0	9.000	L1	ON	20
0.60	32.71	---	56.00	23.29	1000.0	9.000	L1	ON	20
2.01	---	21.03	46.00	24.97	1000.0	9.000	L1	ON	20
2.08	31.28	---	56.00	24.72	1000.0	9.000	L1	ON	20
4.85	42.11	---	56.00	13.89	1000.0	9.000	L1	ON	19
4.92	---	30.67	46.00	15.33	1000.0	9.000	L1	ON	19
5.13	---	31.96	50.00	18.04	1000.0	9.000	L1	ON	19
5.26	43.09	---	60.00	16.91	1000.0	9.000	L1	ON	19
18.71	34.06	---	60.00	25.94	1000.0	9.000	L1	ON	20
23.05	---	25.98	50.00	24.02	1000.0	9.000	L1	ON	20

Remark: Correct factor=cable loss + LISN factor

L line Conducted Emission from 150 KHz to 30 MHz



Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.15	52.82	---	65.88	13.06	1000.0	9.000	N	ON	21
0.16	---	39.75	55.40	15.65	1000.0	9.000	N	ON	21
0.64	---	24.67	46.00	21.33	1000.0	9.000	N	ON	20
0.65	35.59	---	56.00	20.41	1000.0	9.000	N	ON	20
0.88	---	18.43	46.00	27.57	1000.0	9.000	N	ON	20
2.01	27.71	---	56.00	28.29	1000.0	9.000	N	ON	20
4.90	36.01	---	56.00	19.99	1000.0	9.000	N	ON	19
4.92	---	30.66	46.00	15.34	1000.0	9.000	N	ON	19
5.16	---	29.16	50.00	20.84	1000.0	9.000	N	ON	19
5.69	36.33	---	60.00	23.67	1000.0	9.000	N	ON	19
15.01	23.23	---	60.00	36.77	1000.0	9.000	N	ON	20
23.06	---	23.42	50.00	26.58	1000.0	9.000	N	ON	20

Remark: Correct factor=cable loss + LISN factor

N line Conducted Emission from 150 KHz to 30 MHz



6. Main Test Instruments

Name	Manufacturer	Type	Serial Number	Calibration Date	Expiration Date
Spectrum Analyzer	R&S	FSV30	103591	2021-05-15	2022-05-14
EMI Test Receiver	R&S	ESCI7	100936	2021-12-12	2022-12-11
Loop Antenna	SCHWARZBECK	FMZB1519	1519-047	2020-04-02	2023-04-01
TRILOG Broadband Antenna	SCHWARZBECK	VULB 9163	391	2019-12-16	2022-12-15
Horn Antenna	Schwarzbeck	BBHA 9120D	430	2021-07-26	2024-07-25
Horn Antenna	ETS-Lindgren	3160-09	00102643	2021-10-10	2024-10-09
EMI Test Receiver	R&S	ESR	101667	2021-05-16	2022-05-15
LISN	R&S	ENV216	102191	2020-12-13	2022-12-12
Spectrum Analyzer	KEYSIGHT	N9020A	MY54420163	2021-12-12	2022-12-11
Power Sensor	R&S	NRP18S	101955	2021-05-15	2022-05-14
Software	R&S	EMC32	9.26.01	/	/

*****END OF REPORT *****



ANNEX A: The EUT Appearance

The EUT Appearance are submitted separately.



ANNEX B: Test Setup Photos

The Test Setup Photos are submitted separately.