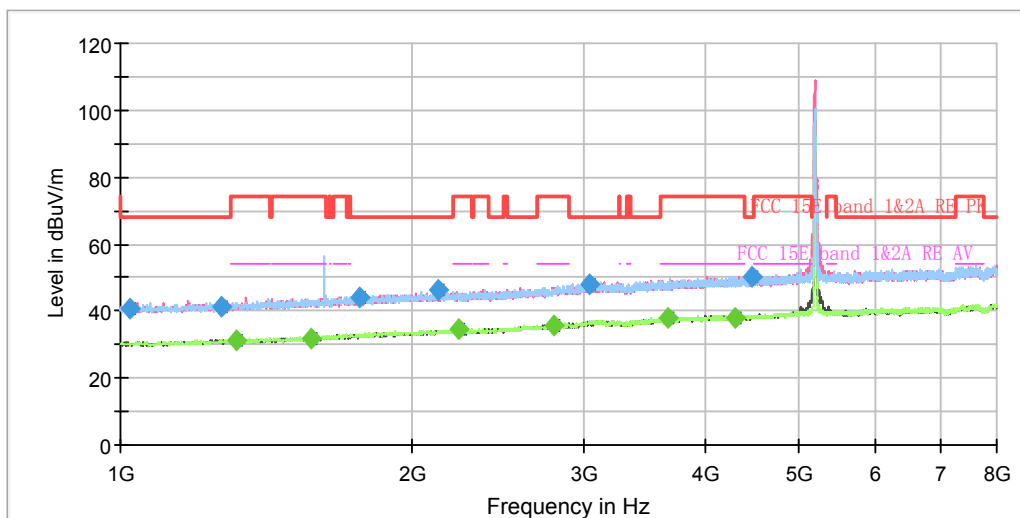
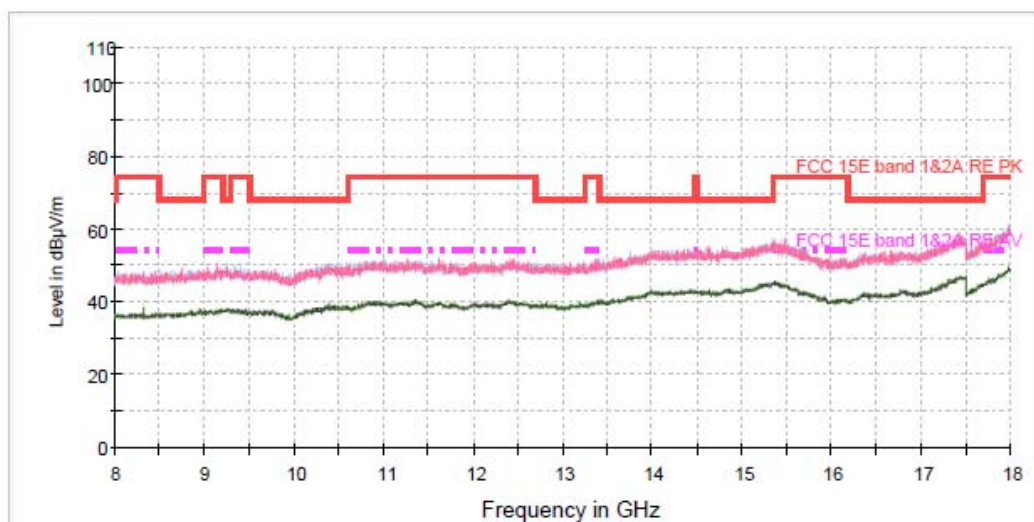


802.11a CH40



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



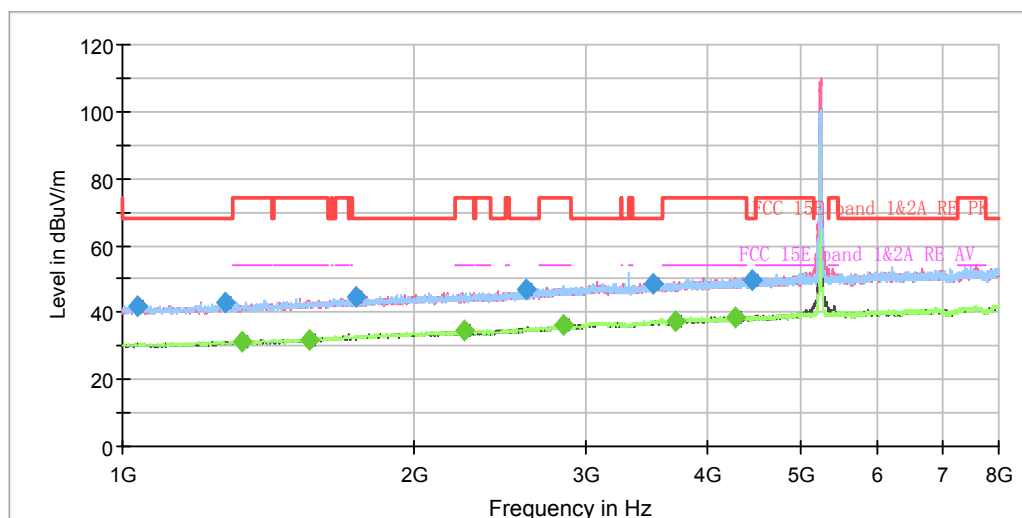
Radiates Emission from 8GHz to 18GHz



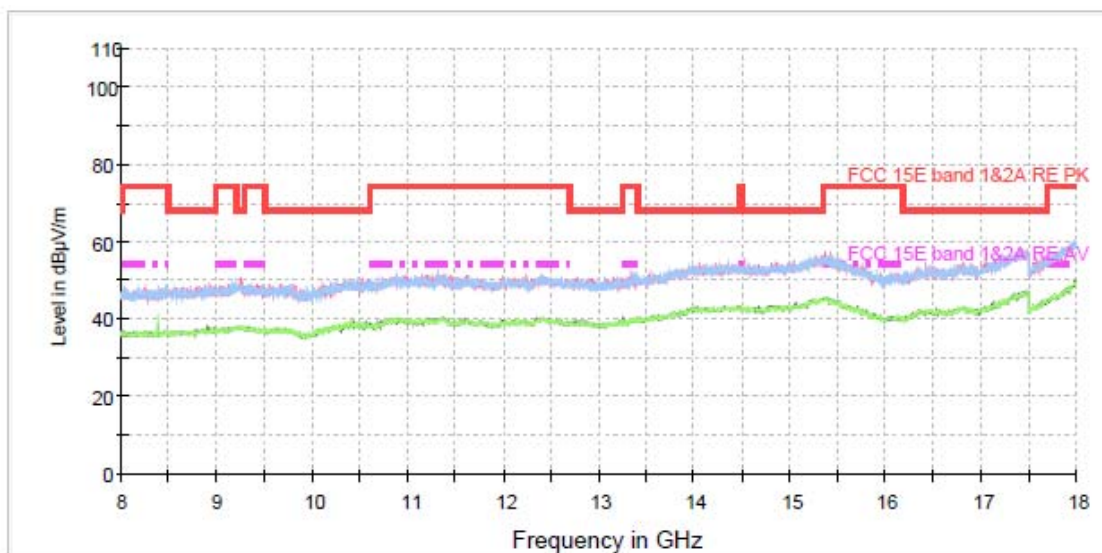
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1024.500000	40.77	---	68.20	27.43	100.0	V	313.0	-8.8
1273.000000	41.41	---	68.20	26.79	100.0	V	11.0	-7.4
1315.875000	---	31.08	54.00	22.92	100.0	H	15.0	-7.2
1574.875000	---	31.89	54.00	22.11	100.0	V	214.0	-5.7
1765.625000	44.18	---	68.20	24.02	100.0	V	346.0	-4.7
2127.875000	46.25	---	68.20	21.95	200.0	V	265.0	-2.8
2226.750000	---	34.34	54.00	19.66	100.0	H	244.0	-2.6
2796.375000	---	35.60	54.00	18.40	100.0	H	211.0	0.1
3049.250000	47.97	---	68.20	20.23	200.0	V	243.0	1.4
3672.250000	---	37.71	54.00	16.29	100.0	V	357.0	3.0
4303.125000	---	38.18	54.00	15.82	200.0	V	2.0	4.5
4479.875000	50.20	---	68.20	18.00	200.0	V	0.0	4.9

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

802.11a CH48



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



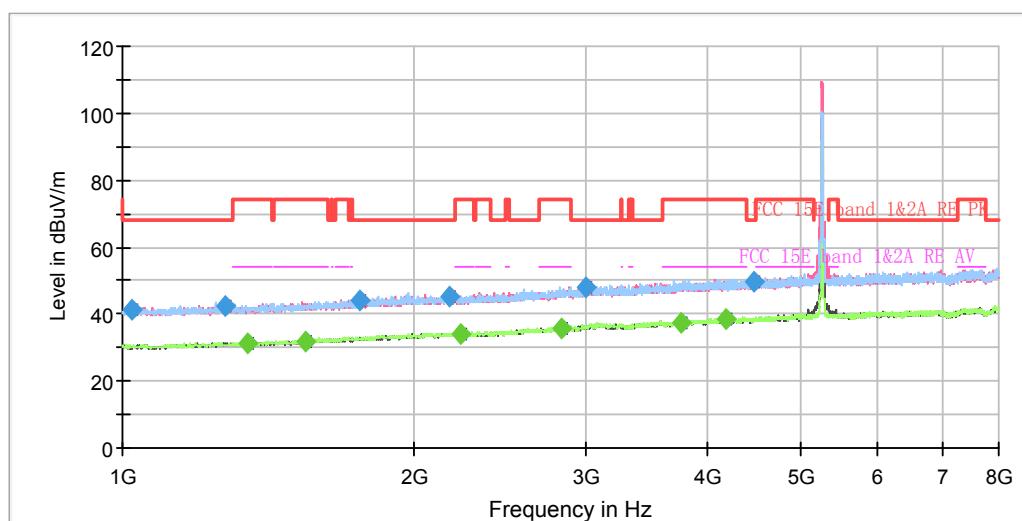
Radiates Emission from 8GHz to 18GHz



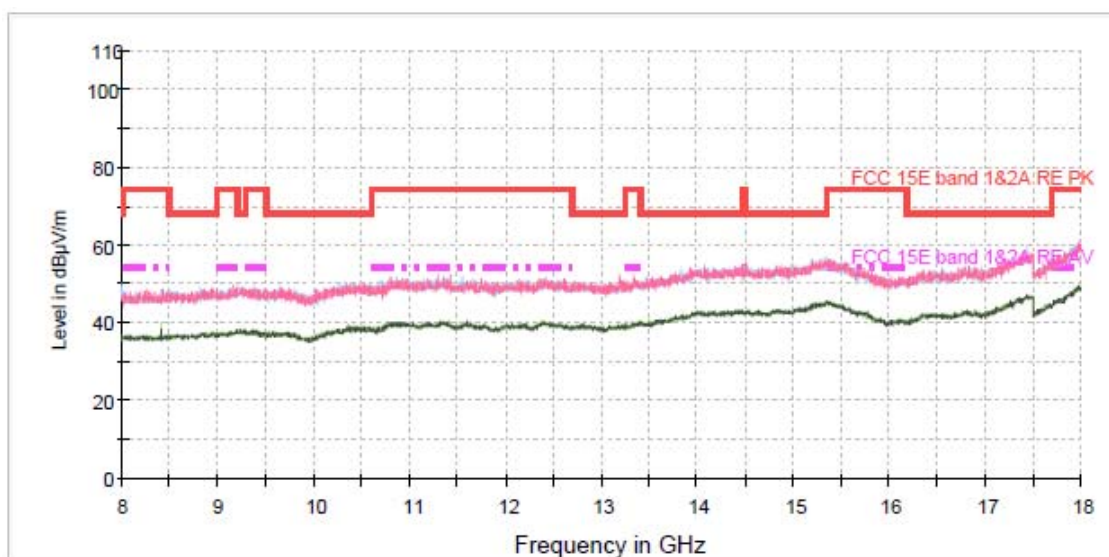
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1034.125000	41.84	---	68.20	26.36	200.0	V	133.0	-8.7
1274.750000	42.89	---	68.20	25.31	100.0	H	0.0	-7.4
1329.000000	---	31.07	54.00	22.93	100.0	V	260.0	-7.1
1560.000000	---	31.65	54.00	22.35	100.0	V	308.0	-5.8
1742.875000	44.76	---	68.20	23.44	200.0	H	332.0	-4.8
2254.750000	---	34.38	54.00	19.62	200.0	V	12.0	-2.4
2601.250000	46.69	---	68.20	21.51	200.0	V	0.0	-1.0
2851.500000	---	36.15	54.00	17.85	100.0	H	182.0	0.4
3515.625000	48.47	---	68.20	19.73	100.0	H	305.0	2.4
3708.125000	---	37.31	54.00	16.69	100.0	V	354.0	3.1
4287.375000	---	38.44	54.00	15.56	200.0	H	195.0	4.5
4456.250000	49.79	---	68.20	18.41	100.0	V	359.0	4.9

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

802.11a CH52



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



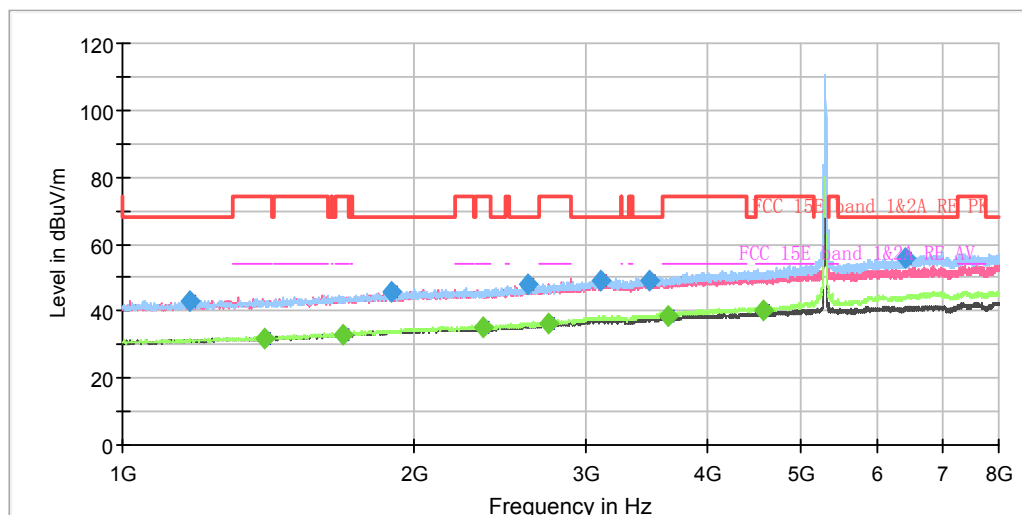
Radiates Emission from 8GHz to 18GHz



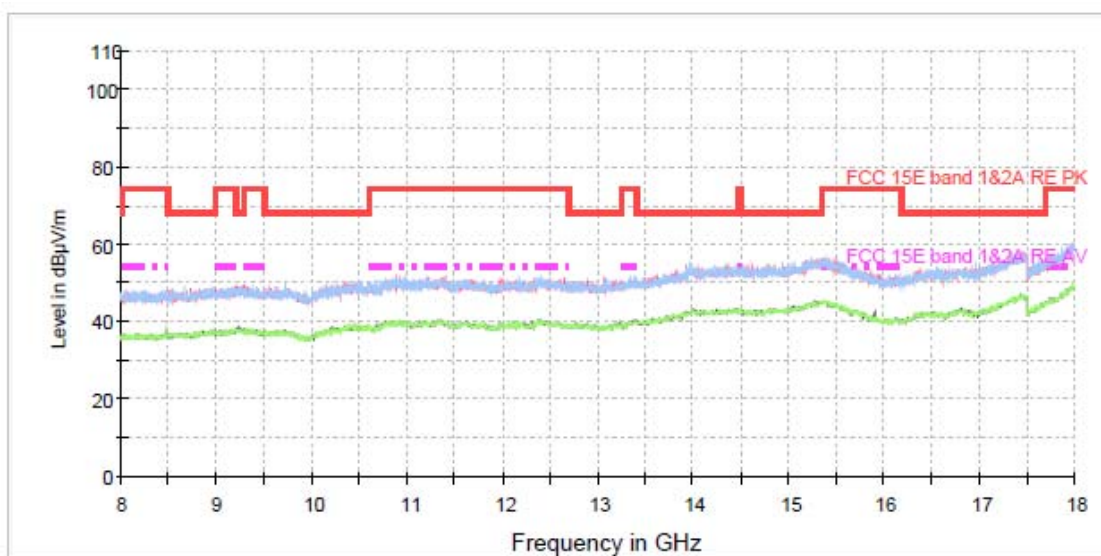
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1021.000000	41.48	---	68.20	26.72	100.0	H	198.0	-8.8
1275.625000	42.23	---	68.20	25.97	100.0	V	128.0	-7.4
1347.375000	---	31.03	54.00	22.97	200.0	V	226.0	-7.0
1546.875000	---	31.58	54.00	22.42	100.0	V	271.0	-6.0
1758.625000	44.24	---	68.20	23.96	200.0	V	231.0	-4.7
2176.000000	45.01	---	68.20	23.19	200.0	H	344.0	-2.7
2229.375000	---	34.06	54.00	19.94	100.0	V	339.0	-2.6
2833.125000	---	35.85	54.00	18.15	100.0	H	87.0	0.3
2996.750000	48.22	---	68.20	19.98	100.0	H	33.0	1.1
3772.000000	---	37.66	54.00	16.34	200.0	H	322.0	3.4
4187.625000	---	38.39	54.00	15.61	200.0	H	135.0	4.4
4483.375000	49.94	---	68.20	18.26	200.0	H	355.0	4.9

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

802.11a CH60



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



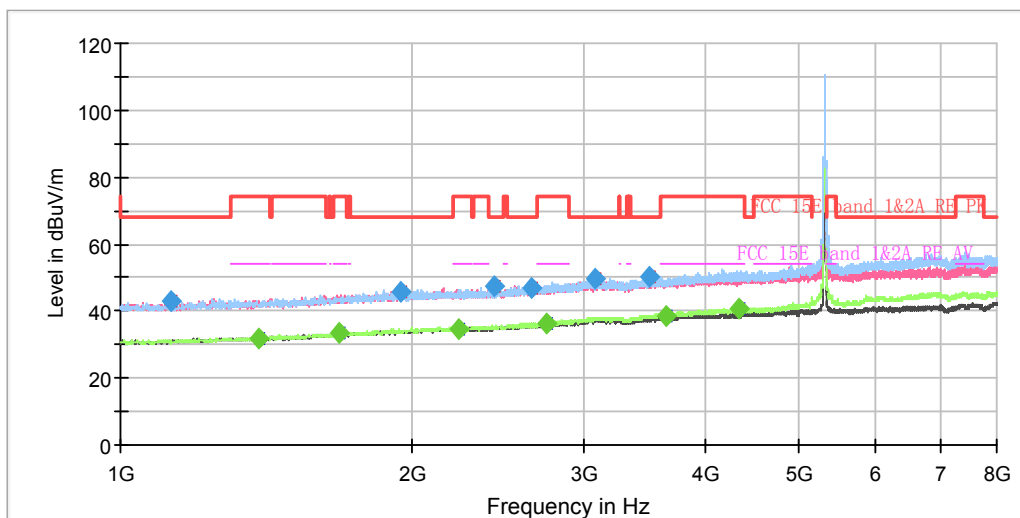
Radiates Emission from 8GHz to 18GHz



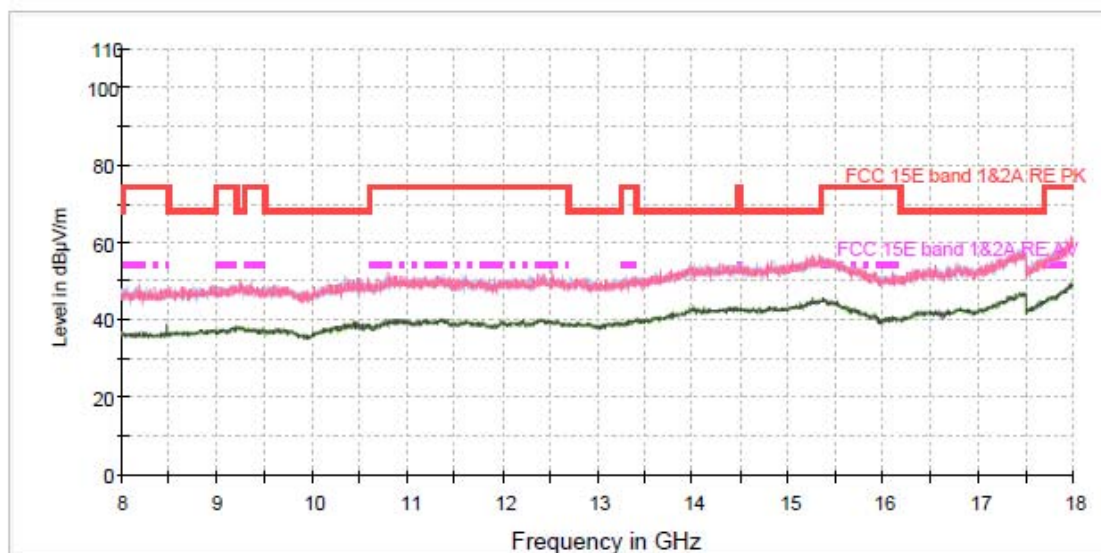
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1175.000000	43.23	---	68.20	24.97	200.0	V	330.0	-7.9
1398.125000	---	31.99	54.00	22.01	200.0	V	109.0	-6.7
1687.750000	---	33.03	54.00	20.97	200.0	V	0.0	-5.1
1897.750000	46.00	---	68.20	22.20	100.0	V	301.0	-3.9
2351.000000	---	34.97	54.00	19.03	100.0	V	318.0	-2.1
2621.375000	48.06	---	68.20	20.14	100.0	H	81.0	-0.9
2746.500000	---	36.51	54.00	17.49	200.0	H	289.0	-0.2
3112.250000	49.12	---	68.20	19.08	100.0	V	149.0	1.6
3494.625000	49.39	---	68.20	18.81	200.0	V	210.0	2.3
3651.250000	---	38.63	54.00	15.37	200.0	H	306.0	2.8
4583.125000	---	40.32	54.00	13.68	200.0	H	283.0	5.2
6396.125000	55.56	---	68.20	12.64	100.0	H	57.0	8.4

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

802.11a CH64



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



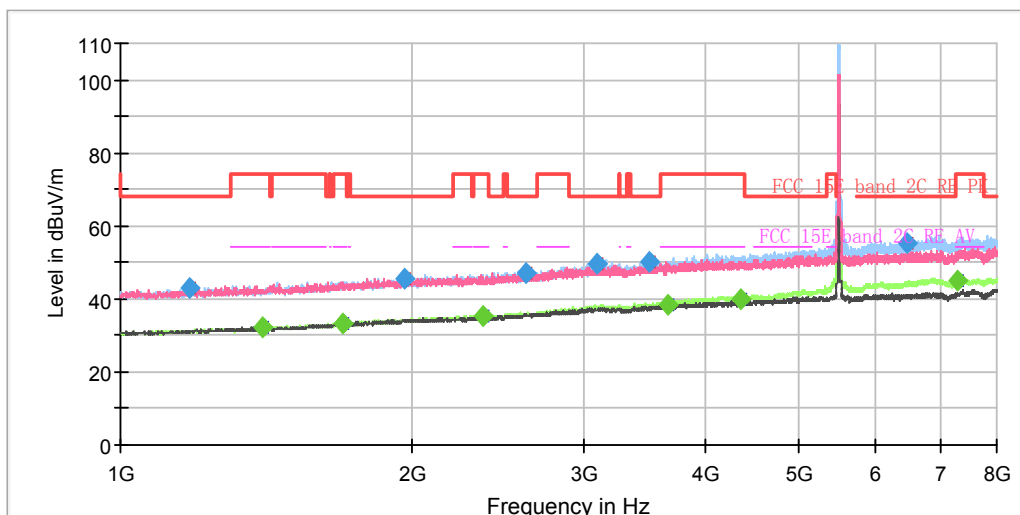
Radiates Emission from 8GHz to 18GHz



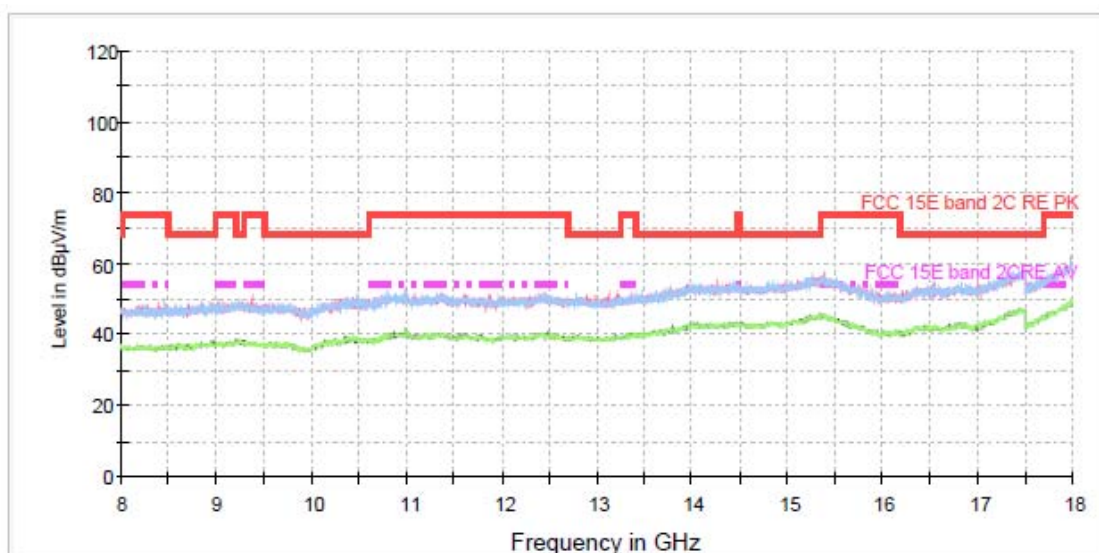
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1129.500000	42.88	---	68.20	25.32	200.0	H	135.0	-8.2
1391.125000	---	31.84	54.00	22.16	200.0	V	210.0	-6.7
1679.875000	---	33.53	54.00	20.47	100.0	H	31.0	-5.1
1946.750000	45.68	---	68.20	22.52	100.0	V	349.0	-3.7
2232.875000	---	34.76	54.00	19.24	100.0	H	31.0	-2.6
2432.375000	47.24	---	68.20	20.96	100.0	H	54.0	-1.8
2650.250000	46.91	---	68.20	21.29	200.0	H	302.0	-0.8
2750.000000	---	36.42	54.00	17.58	100.0	H	9.0	-0.2
3078.125000	49.74	---	68.20	18.46	100.0	H	3.0	1.5
3506.875000	49.97	---	68.20	18.23	100.0	H	9.0	2.3
3647.750000	---	38.67	54.00	15.33	100.0	H	49.0	2.8
4342.500000	---	40.92	54.00	13.08	100.0	H	99.0	4.7

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

802.11a CH100



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



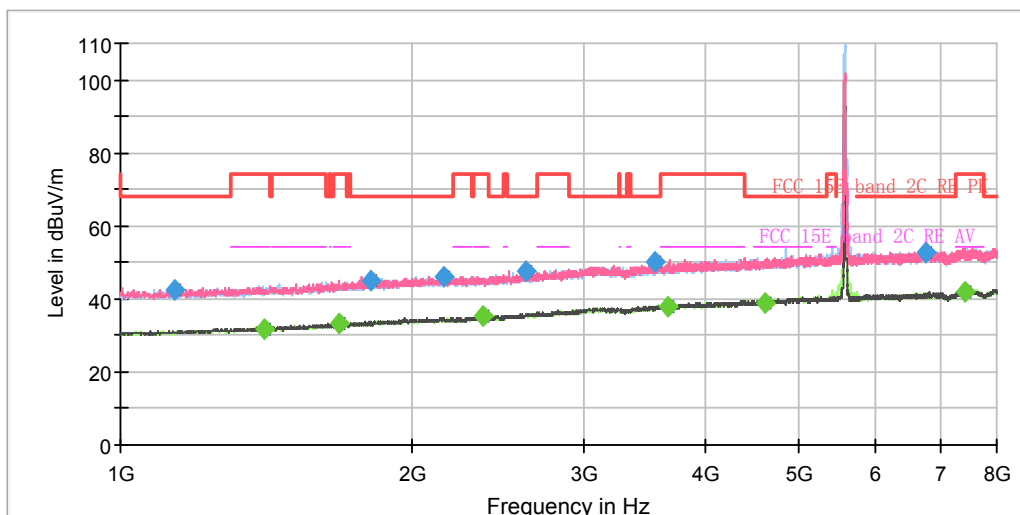
Radiates Emission from 8GHz to 18GHz



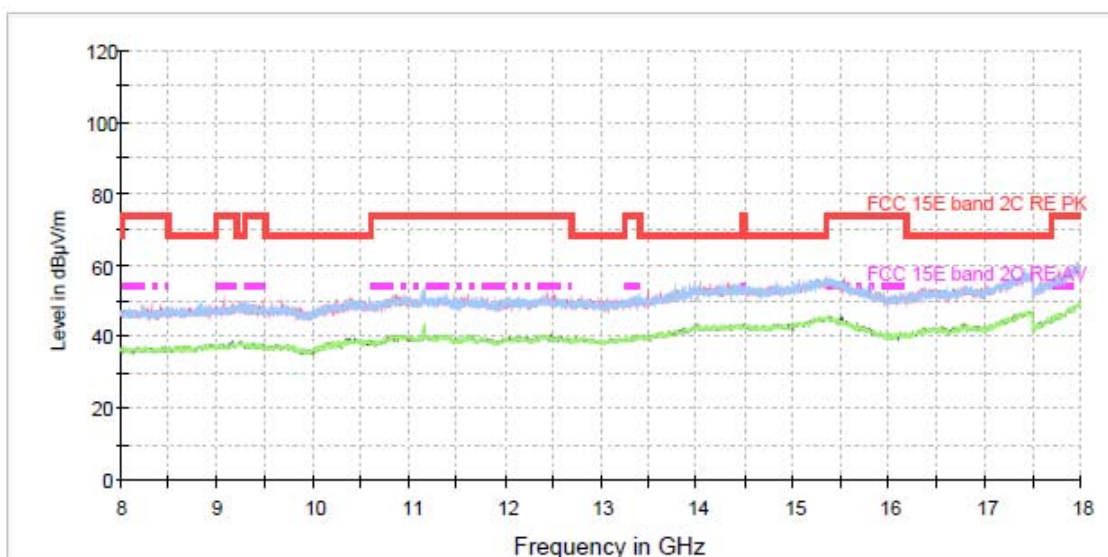
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1175.875000	42.89	---	68.20	25.31	200.0	V	298.0	-7.9
1399.875000	---	32.29	54.00	21.71	100.0	H	306.0	-6.7
1693.875000	---	33.31	54.00	20.69	100.0	H	266.0	-5.1
1965.125000	45.72	---	68.20	22.48	100.0	V	281.0	-3.5
2368.500000	---	35.16	54.00	18.84	100.0	H	266.0	-2.1
2618.750000	46.97	---	68.20	21.23	100.0	H	300.0	-0.9
3091.250000	49.64	---	68.20	18.56	100.0	H	278.0	1.5
3511.250000	50.07	---	68.20	18.13	100.0	H	284.0	2.4
3660.000000	---	38.50	54.00	15.50	100.0	H	289.0	2.9
4351.250000	---	40.16	54.00	13.84	100.0	H	357.0	4.7
6470.500000	55.46	---	68.20	12.74	100.0	H	255.0	8.5
7277.250000	---	44.83	54.00	9.17	100.0	H	266.0	9.6

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

802.11a CH116



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



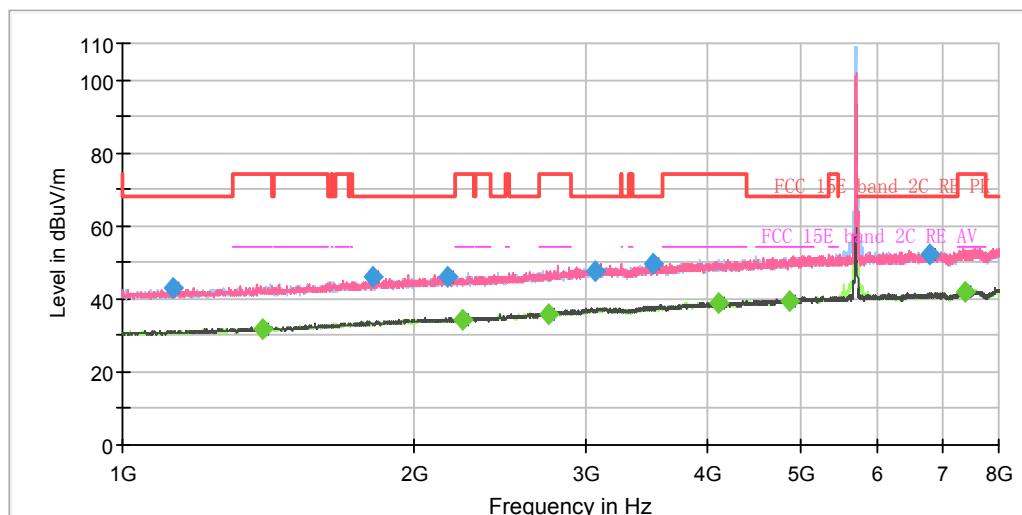
Radiates Emission from 8GHz to 18GHz



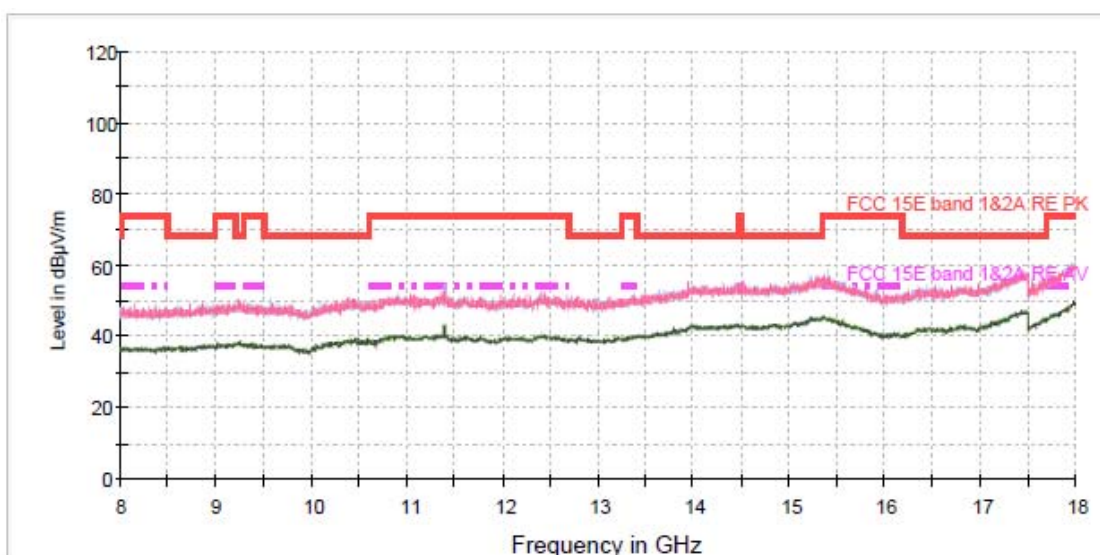
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1136.500000	42.53	---	68.20	25.67	100.0	H	63.0	-8.2
1404.250000	---	31.80	54.00	22.20	200.0	H	346.0	-6.7
1681.625000	---	33.34	54.00	20.66	100.0	H	183.0	-5.1
1811.125000	45.12	---	68.20	23.08	200.0	H	275.0	-4.4
2150.625000	46.09	---	68.20	22.11	100.0	H	96.0	-2.7
2367.625000	---	35.11	54.00	18.89	200.0	V	58.0	-2.1
2617.875000	47.50	---	68.20	20.70	100.0	V	62.0	-0.9
3554.125000	50.11	---	68.20	18.09	200.0	H	85.0	2.6
3667.000000	---	38.06	54.00	15.94	100.0	V	251.0	3.0
4606.750000	---	39.12	54.00	14.88	100.0	H	329.0	5.2
6760.125000	52.52	---	68.20	15.68	100.0	V	51.0	8.9
7412.875000	---	41.75	54.00	12.25	100.0	V	134.0	9.8

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

802.11a CH140



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



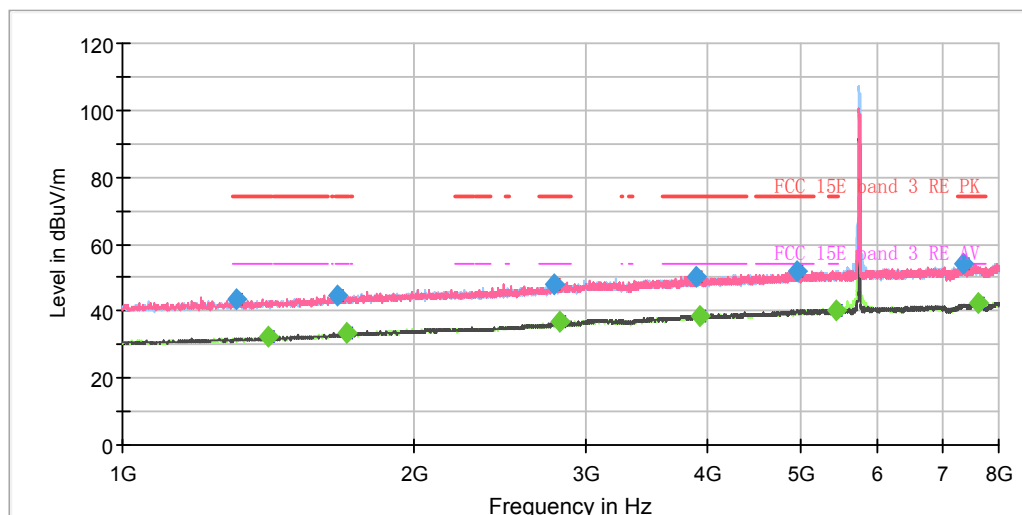
Radiates Emission from 8GHz to 18GHz



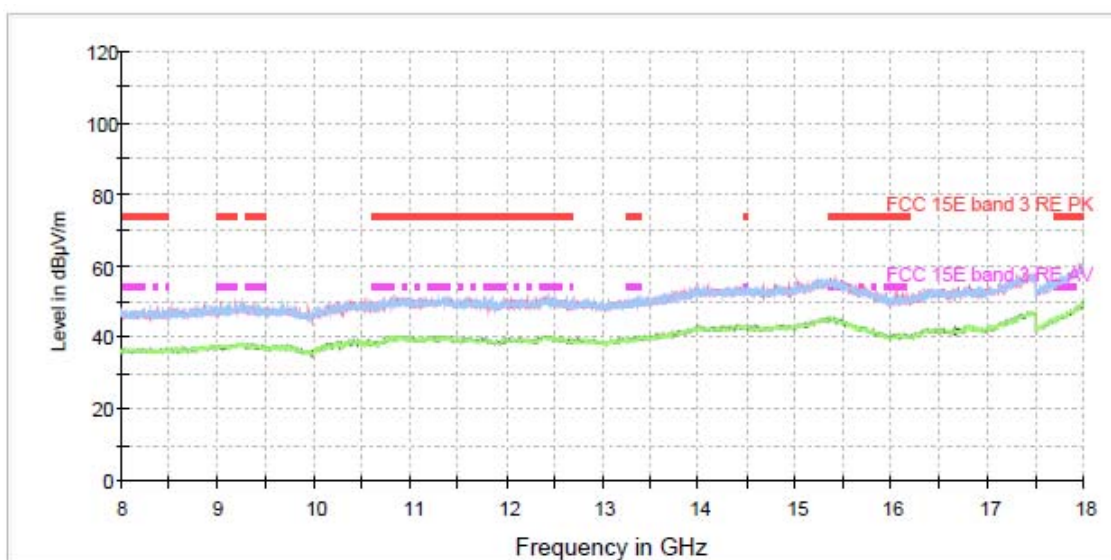
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1127.750000	43.03	---	68.20	25.17	100.0	V	101.0	-8.2
1396.375000	---	31.76	54.00	22.24	100.0	H	354.0	-6.7
1812.000000	45.87	---	68.20	22.33	200.0	V	200.0	-4.4
2167.250000	45.93	---	68.20	22.27	200.0	H	28.0	-2.7
2241.625000	---	34.51	54.00	19.49	200.0	V	297.0	-2.5
2753.500000	---	35.92	54.00	18.08	200.0	H	44.0	-0.2
3069.375000	47.60	---	68.20	20.60	200.0	H	234.0	1.5
3523.500000	49.43	---	68.20	18.77	200.0	V	347.0	2.4
4116.750000	---	38.66	54.00	15.34	200.0	H	256.0	4.2
4865.750000	---	39.64	54.00	14.36	100.0	H	203.0	6.2
6789.875000	52.43	---	68.20	15.77	100.0	V	145.0	9.0
7377.875000	---	41.85	54.00	12.15	200.0	H	60.0	9.8

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

802.11a CH149



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



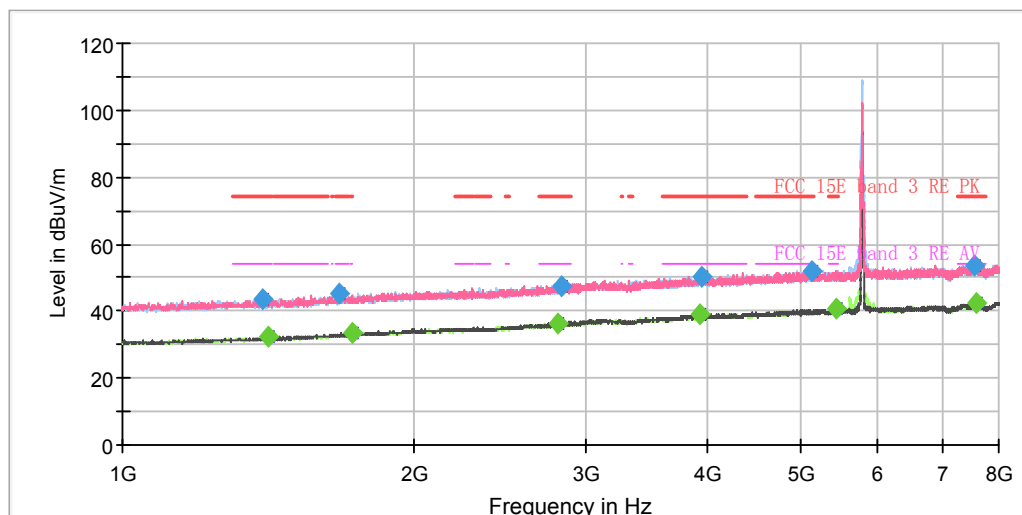
Radiates Emission from 8GHz to 18GHz



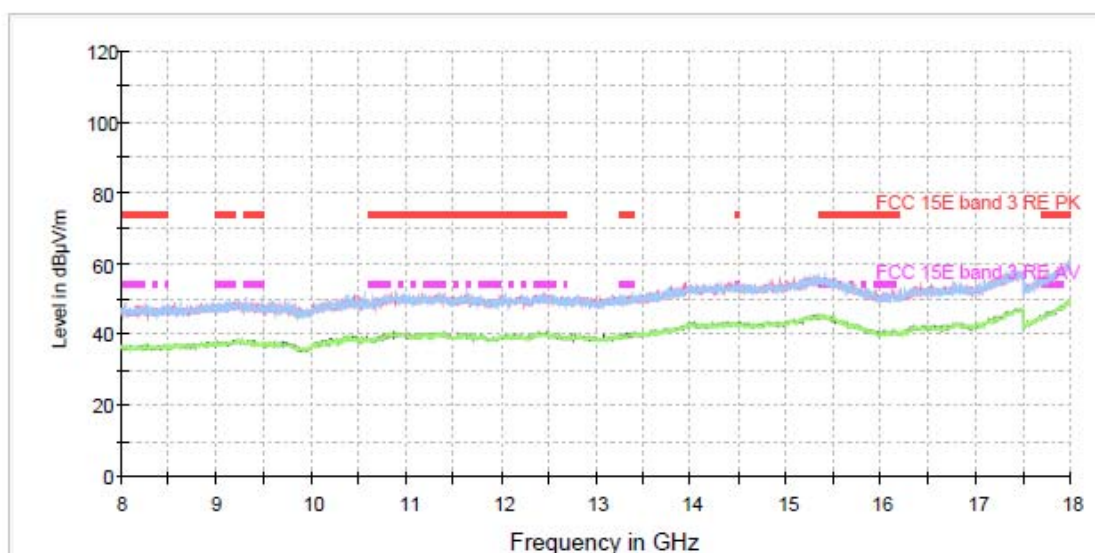
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1308.000000	43.71	---	74.00	30.29	200.0	V	222.0	-7.2
1410.375000	---	32.16	54.00	21.84	200.0	H	0.0	-6.7
1666.750000	44.75	---	74.00	29.25	100.0	H	349.0	-5.2
1701.750000	---	33.48	54.00	20.52	200.0	H	12.0	-5.0
2785.875000	47.94	---	74.00	26.06	100.0	V	2.0	0.0
2827.875000	---	36.63	54.00	17.37	100.0	H	271.0	0.2
3902.375000	50.48	---	74.00	23.52	100.0	H	349.0	3.8
3942.625000	---	38.79	54.00	15.21	100.0	H	305.0	3.9
4955.875000	51.91	---	74.00	22.09	200.0	V	30.0	6.5
5433.625000	---	40.37	54.00	13.63	100.0	H	244.0	7.2
7343.750000	54.22	---	74.00	19.78	100.0	V	358.0	9.8
7625.500000	---	42.18	54.00	11.82	100.0	H	294.0	10.2

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

802.11a CH157



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



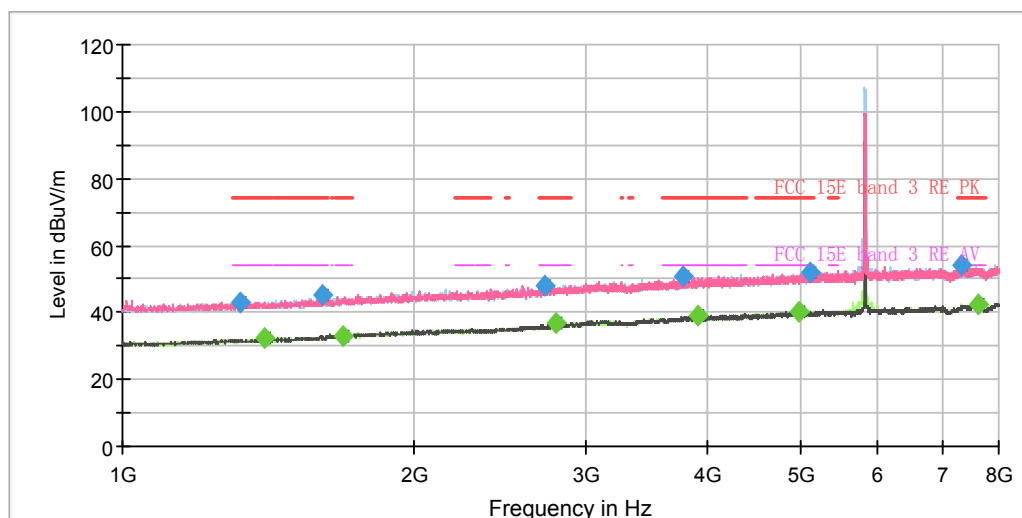
Radiates Emission from 8GHz to 18GHz



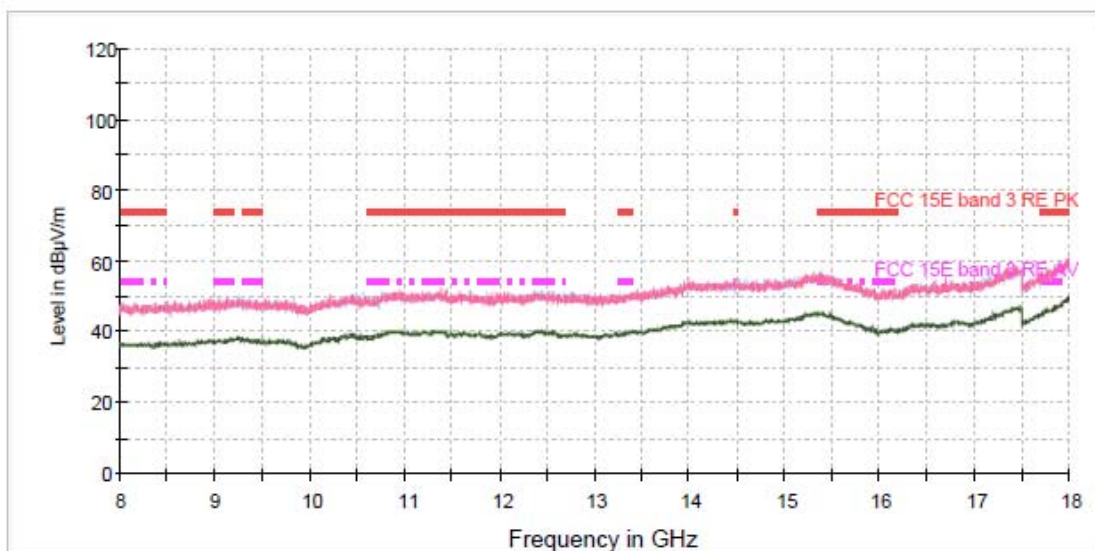
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1395.500000	43.30	---	74.00	30.70	200.0	H	98.0	-6.7
1410.375000	---	32.17	54.00	21.83	100.0	V	99.0	-6.7
1673.750000	44.94	---	74.00	29.07	200.0	H	273.0	-5.1
1721.875000	---	33.30	54.00	20.70	200.0	V	182.0	-4.9
2808.625000	---	36.53	54.00	17.47	200.0	V	316.0	0.1
2839.250000	47.33	---	74.00	26.67	200.0	H	117.0	0.3
3937.375000	---	38.82	54.00	15.18	100.0	V	352.0	3.9
3948.750000	50.26	---	74.00	23.74	200.0	V	288.0	3.9
5137.000000	52.02	---	74.00	21.98	100.0	V	188.0	6.7
5434.500000	---	40.50	54.00	13.50	200.0	V	237.0	7.2
7541.500000	53.56	---	74.00	20.44	100.0	H	297.0	10.0
7582.625000	---	42.44	54.00	11.56	100.0	V	116.0	10.1

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

802.11a CH165



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



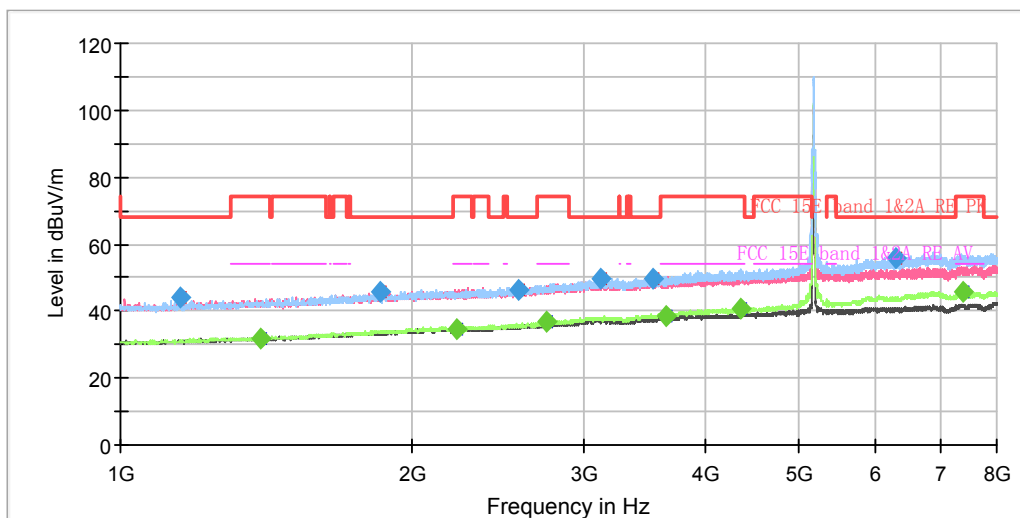
Radiates Emission from 8GHz to 18GHz



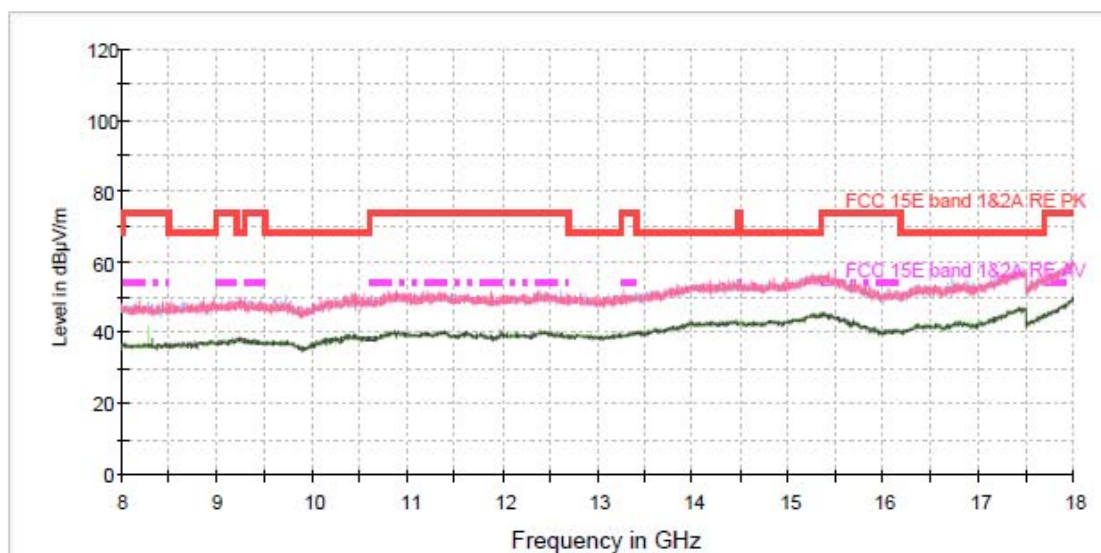
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1320.250000	43.20	---	74.00	30.80	100.0	V	341.0	-7.1
1400.750000	---	32.13	54.00	21.87	100.0	V	330.0	-6.7
1609.000000	45.16	---	74.00	28.84	100.0	H	57.0	-5.5
1686.000000	---	33.17	54.00	20.83	200.0	V	303.0	-5.1
2729.000000	47.85	---	74.00	26.15	100.0	V	286.0	-0.3
2794.625000	---	36.77	54.00	17.23	200.0	H	87.0	0.0
3774.625000	50.69	---	74.00	23.31	100.0	H	125.0	3.4
3920.750000	---	38.96	54.00	15.04	200.0	H	9.0	3.8
4984.750000	---	40.36	54.00	13.64	200.0	V	0.0	6.6
5113.375000	51.92	---	74.00	22.08	200.0	V	67.0	6.6
7322.750000	53.89	---	74.00	20.11	200.0	V	297.0	9.7
7621.125000	---	42.41	54.00	11.59	100.0	V	124.0	10.2

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

802.11n (HT20) CH36



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



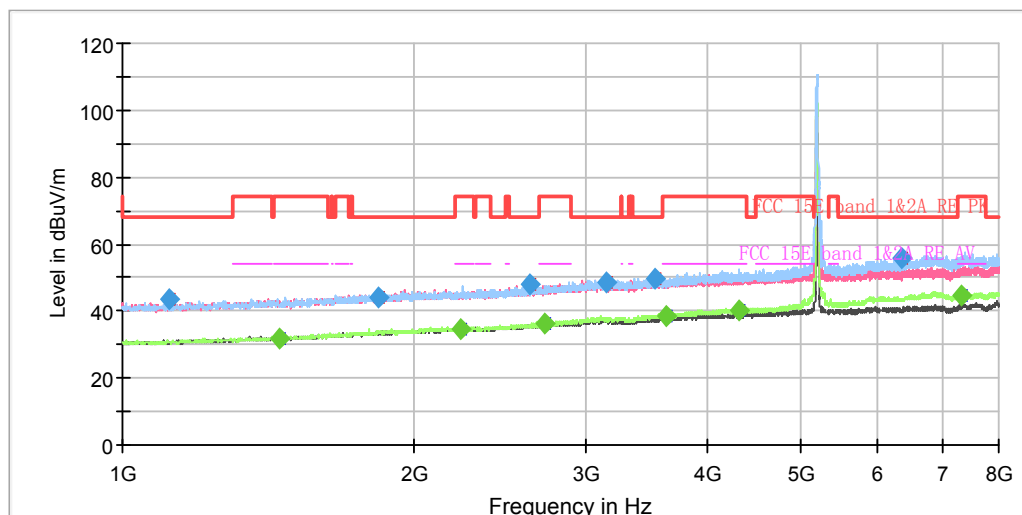
Radiates Emission from 8GHz to 18GHz



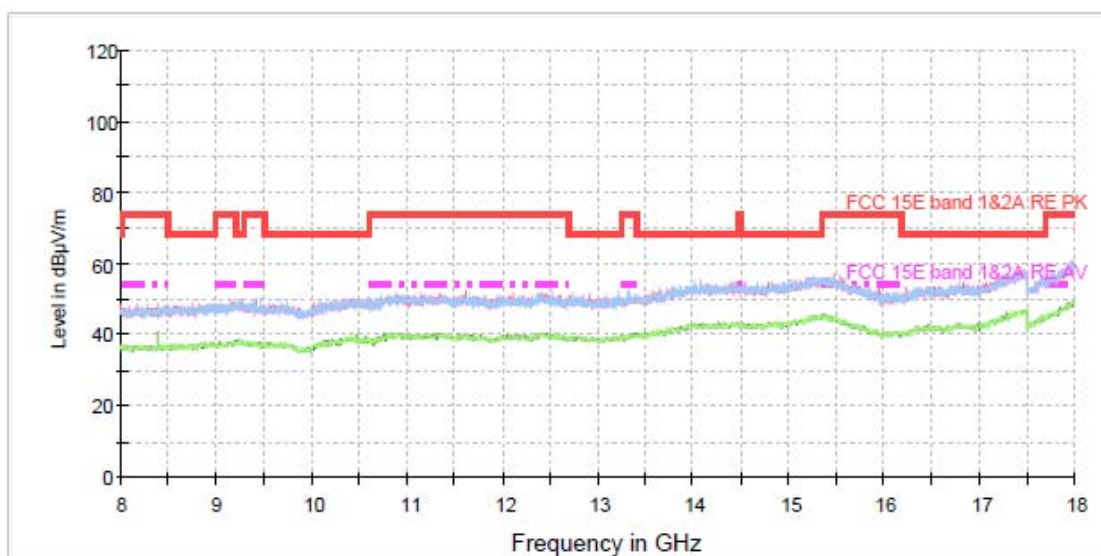
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1154.000000	44.04	---	68.20	24.16	200.0	V	107.0	-8.1
1393.750000	---	31.84	54.00	22.16	200.0	V	107.0	-6.7
1850.500000	45.92	---	68.20	22.28	200.0	H	268.0	-4.2
2225.875000	---	34.80	54.00	19.20	200.0	H	356.0	-2.6
2576.750000	46.60	---	68.20	21.60	200.0	H	350.0	-1.1
2752.625000	---	36.76	54.00	17.24	100.0	H	28.0	-0.2
3121.000000	49.59	---	68.20	18.61	100.0	H	0.0	1.6
3536.625000	49.88	---	68.20	18.32	200.0	H	0.0	2.5
3650.375000	---	38.72	54.00	15.28	100.0	H	58.0	2.8
4348.625000	---	40.95	54.00	13.05	100.0	H	99.0	4.7
6293.750000	55.97	---	68.20	12.23	200.0	H	237.0	8.2
7374.375000	---	46.04	54.00	7.96	200.0	H	321.0	9.8

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

802.11n (HT20) CH40



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



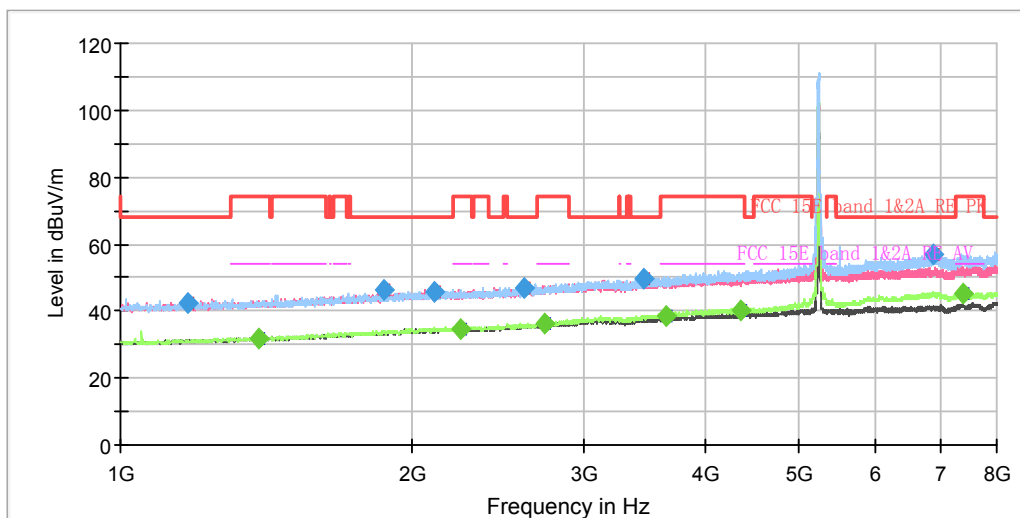
Radiates Emission from 8GHz to 18GHz



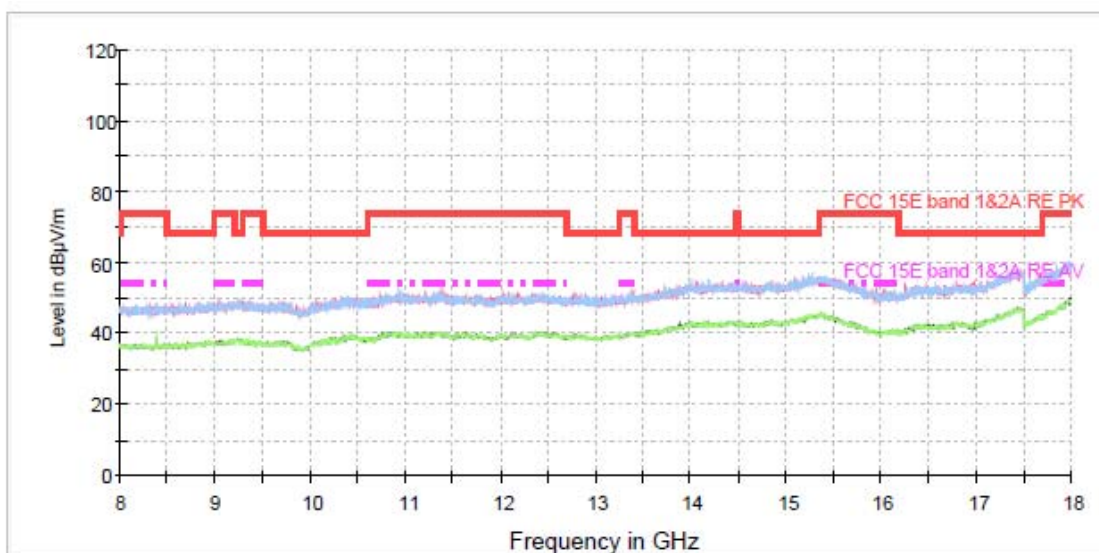
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1117.250000	43.34	---	68.20	24.86	100.0	V	101.0	-8.2
1453.250000	---	32.02	54.00	21.99	200.0	V	210.0	-6.4
1835.625000	44.28	---	68.20	23.92	100.0	H	48.0	-4.2
2226.750000	---	34.70	54.00	19.30	100.0	H	118.0	-2.6
2633.625000	48.23	---	68.20	19.97	200.0	H	297.0	-0.8
2729.000000	---	36.38	54.00	17.62	100.0	H	42.0	-0.3
3156.875000	48.50	---	68.20	19.70	100.0	V	0.0	1.6
3537.500000	49.52	---	68.20	18.68	100.0	H	65.0	2.5
3639.875000	---	38.67	54.00	15.33	100.0	H	37.0	2.8
4311.000000	---	40.42	54.00	13.58	100.0	H	48.0	4.6
6342.750000	55.59	---	68.20	12.61	100.0	H	59.0	8.2
7315.750000	---	44.75	54.00	9.25	100.0	H	19.0	9.7

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

802.11n (HT20) CH48



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



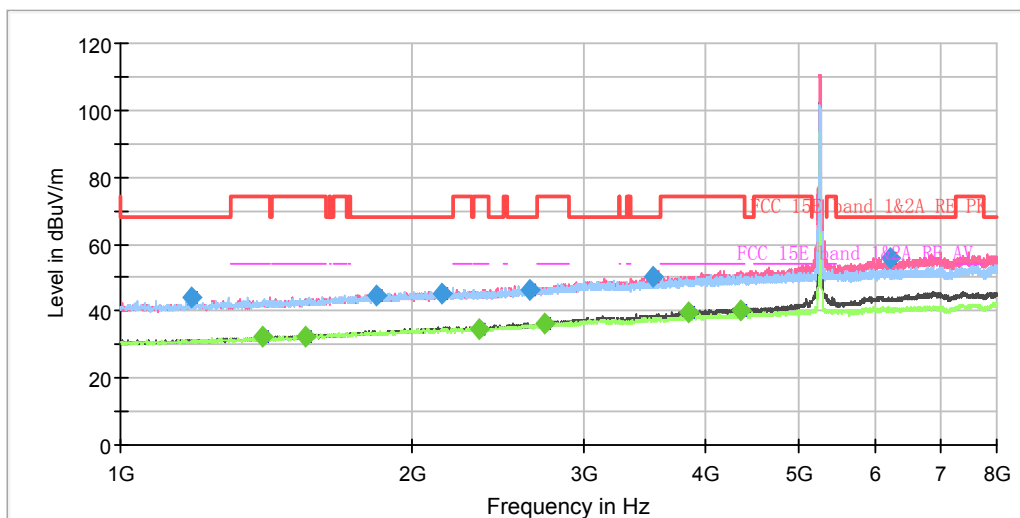
Radiates Emission from 8GHz to 18GHz



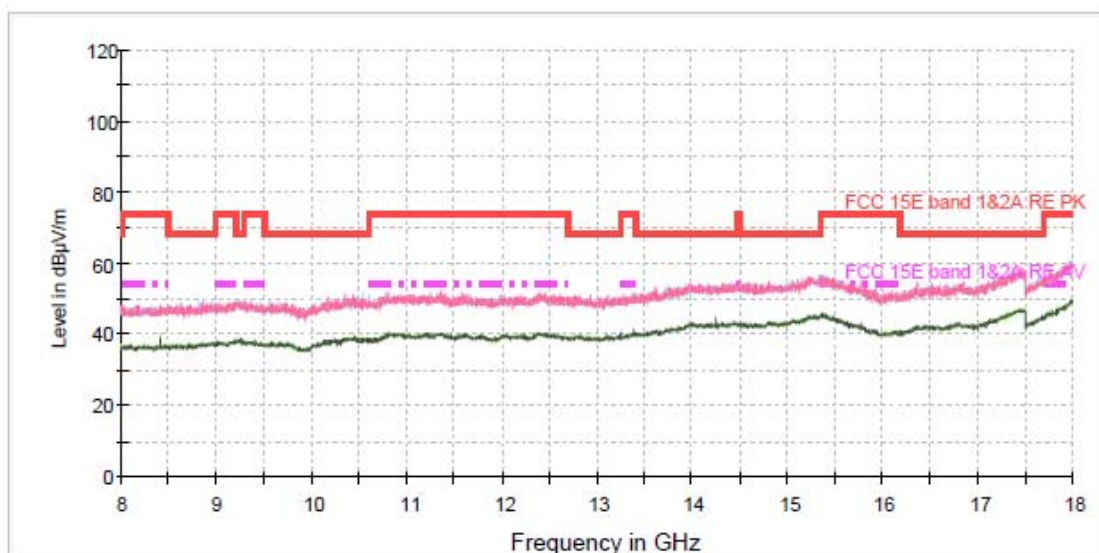
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1174.125000	42.62	---	68.20	25.58	100.0	H	331.0	-7.9
1387.625000	---	31.84	54.00	22.16	100.0	H	331.0	-6.8
1866.250000	46.21	---	68.20	21.99	100.0	V	13.0	-4.1
2104.250000	45.50	---	68.20	22.70	200.0	H	52.0	-2.9
2236.375000	---	34.68	54.00	19.32	100.0	H	326.0	-2.5
2602.125000	46.93	---	68.20	21.27	100.0	H	285.0	-1.0
2735.125000	---	36.36	54.00	17.64	100.0	H	342.0	-0.3
3457.875000	49.47	---	68.20	18.73	100.0	V	107.0	2.2
3651.250000	---	38.76	54.00	15.24	100.0	H	262.0	2.8
4353.000000	---	40.38	54.00	13.62	100.0	H	274.0	4.7
6880.875000	56.92	---	68.20	11.28	100.0	H	285.0	9.1
7395.375000	---	45.43	54.00	8.57	100.0	H	303.0	9.8

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

802.11n (HT20) CH52



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



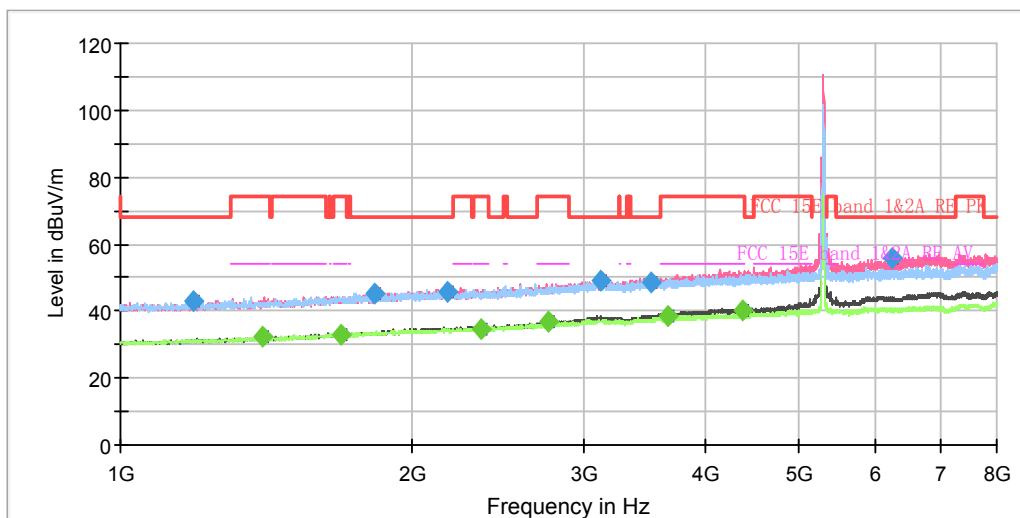
Radiates Emission from 8GHz to 18GHz



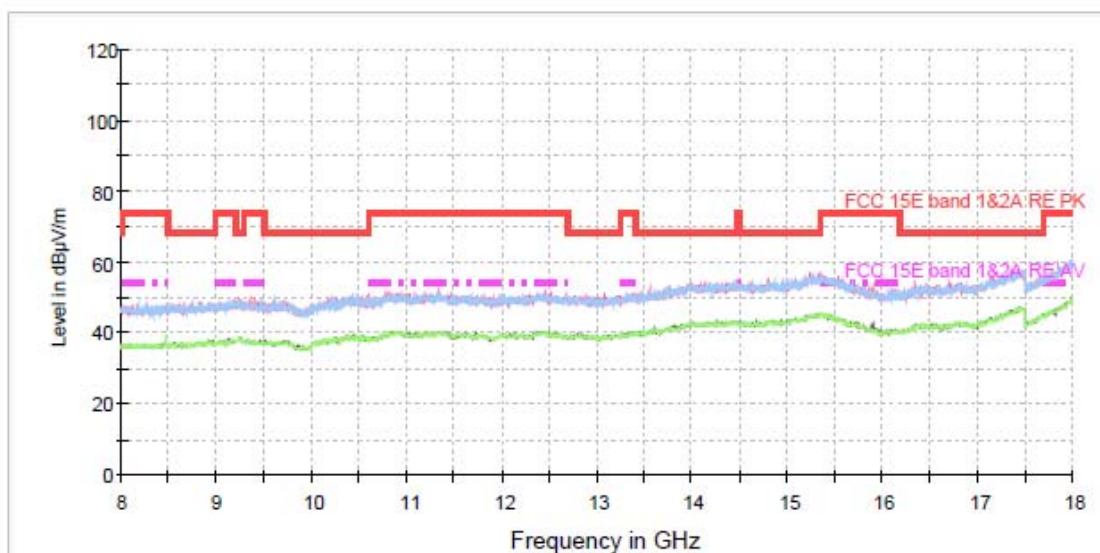
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1184.625000	44.09	---	68.20	24.11	100.0	H	227.0	-7.8
1398.125000	---	32.20	54.00	21.80	200.0	V	331.0	-6.7
1547.750000	---	32.43	54.00	21.57	100.0	V	221.0	-5.9
1837.375000	44.92	---	68.20	23.28	200.0	V	287.0	-4.2
2142.750000	45.45	---	68.20	22.75	200.0	V	222.0	-2.8
2347.500000	---	34.83	54.00	19.17	200.0	V	258.0	-2.1
2642.375000	46.59	---	68.20	21.61	200.0	V	308.0	-0.8
2733.375000	---	36.43	54.00	17.57	200.0	V	281.0	-0.3
3535.750000	50.45	---	68.20	17.75	200.0	V	358.0	2.5
3857.750000	---	39.61	54.00	14.39	200.0	V	281.0	3.7
4354.750000	---	40.29	54.00	13.71	200.0	V	342.0	4.7
6216.750000	55.73	---	68.20	12.47	200.0	V	308.0	8.1

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

802.11n (HT20) CH60



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



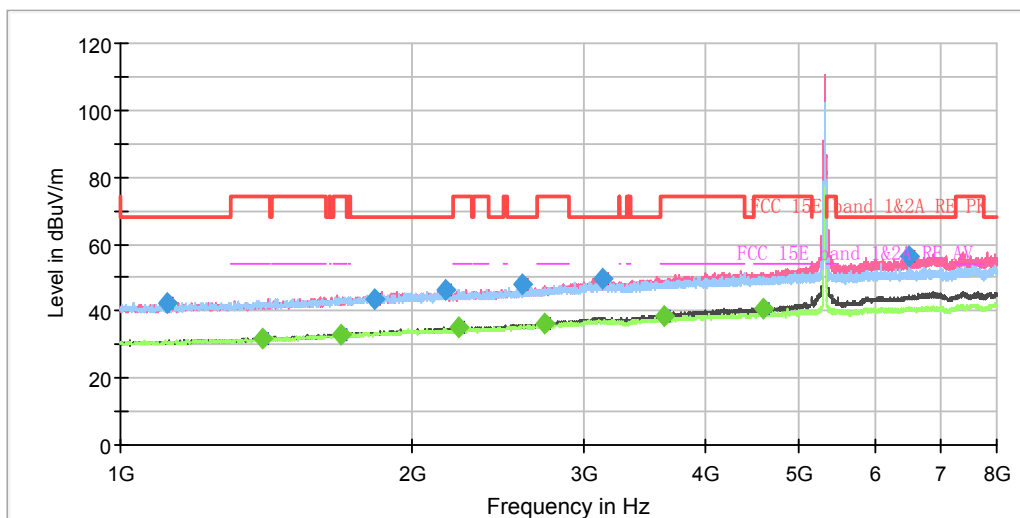
Radiates Emission from 8GHz to 18GHz



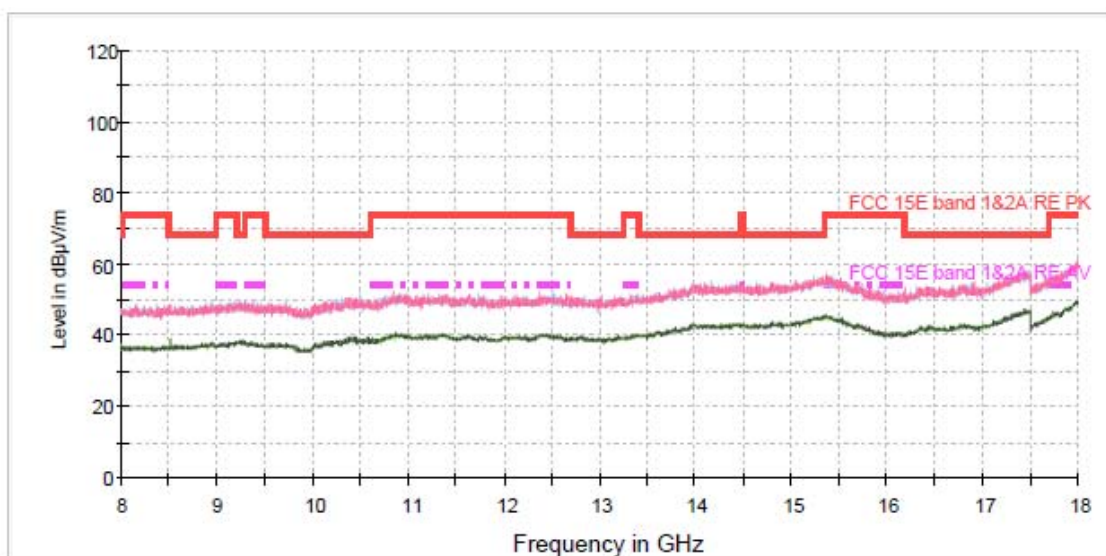
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1188.125000	43.17	---	68.20	25.03	100.0	V	22.0	-7.8
1399.875000	---	32.16	54.00	21.84	200.0	V	271.0	-6.7
1684.250000	---	32.97	54.00	21.03	200.0	V	337.0	-5.1
1830.375000	45.25	---	68.20	22.95	200.0	V	293.0	-4.2
2169.875000	45.93	---	68.20	22.27	200.0	V	0.0	-2.7
2351.875000	---	34.67	54.00	19.33	200.0	V	337.0	-2.1
2758.750000	---	36.70	54.00	17.30	200.0	V	354.0	-0.2
3121.000000	48.89	---	68.20	19.31	100.0	V	33.0	1.6
3522.625000	48.80	---	68.20	19.40	200.0	V	0.0	2.4
3661.750000	---	38.60	54.00	15.40	200.0	V	265.0	2.9
4367.875000	---	40.32	54.00	13.68	200.0	V	287.0	4.8
6238.625000	55.66	---	68.20	12.54	200.0	V	343.0	8.1

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

802.11n (HT20) CH64



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



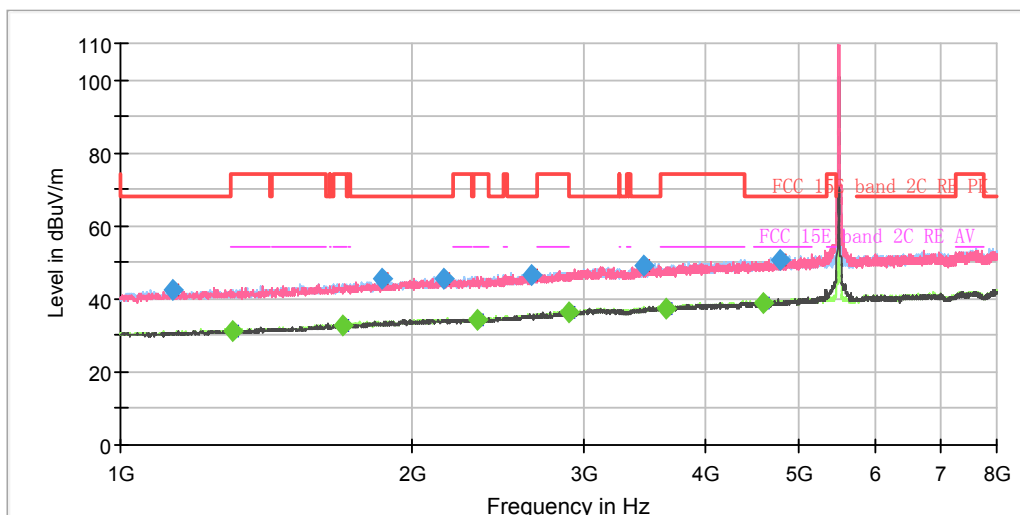
Radiates Emission from 8GHz to 18GHz



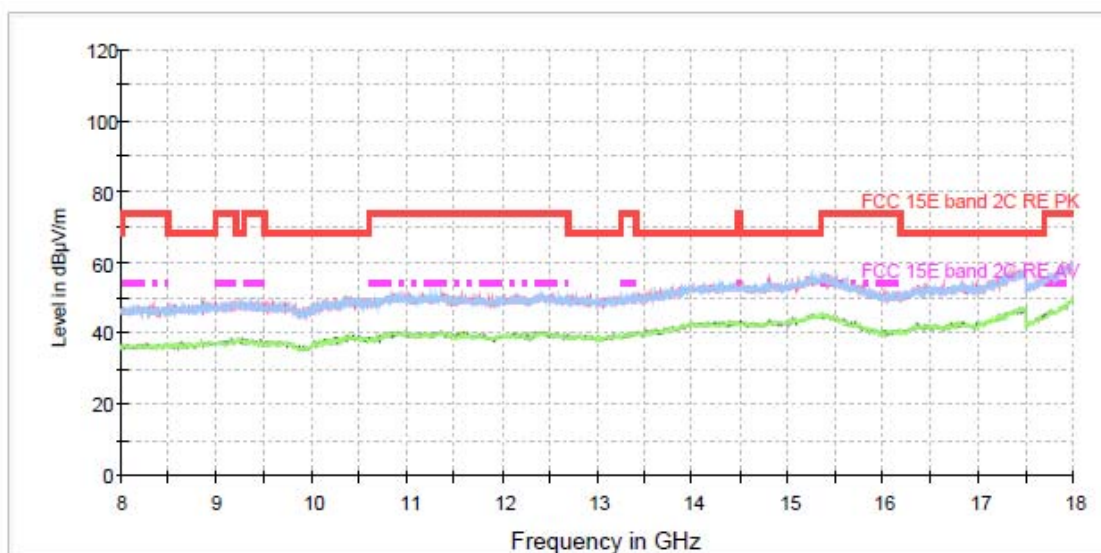
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1117.250000	42.21	---	68.20	25.99	200.0	H	195.0	-8.2
1399.875000	---	32.05	54.00	21.95	100.0	H	14.0	-6.7
1686.875000	---	33.16	54.00	20.84	200.0	H	163.0	-5.1
1830.375000	43.81	---	68.20	24.39	200.0	V	7.0	-4.2
2158.500000	46.37	---	68.20	21.83	100.0	V	24.0	-2.7
2231.125000	---	34.91	54.00	19.09	200.0	V	30.0	-2.6
2594.250000	48.06	---	68.20	20.14	200.0	H	0.0	-1.0
2735.125000	---	36.38	54.00	17.62	100.0	V	0.0	-0.3
3140.250000	49.88	---	68.20	18.32	200.0	V	35.0	1.6
3630.250000	---	38.59	54.00	15.41	100.0	V	24.0	2.7
4605.875000	---	40.57	54.00	13.43	200.0	V	63.0	5.2
6505.500000	56.40	---	68.20	11.80	200.0	V	30.0	8.6

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

802.11n (HT20) CH100



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



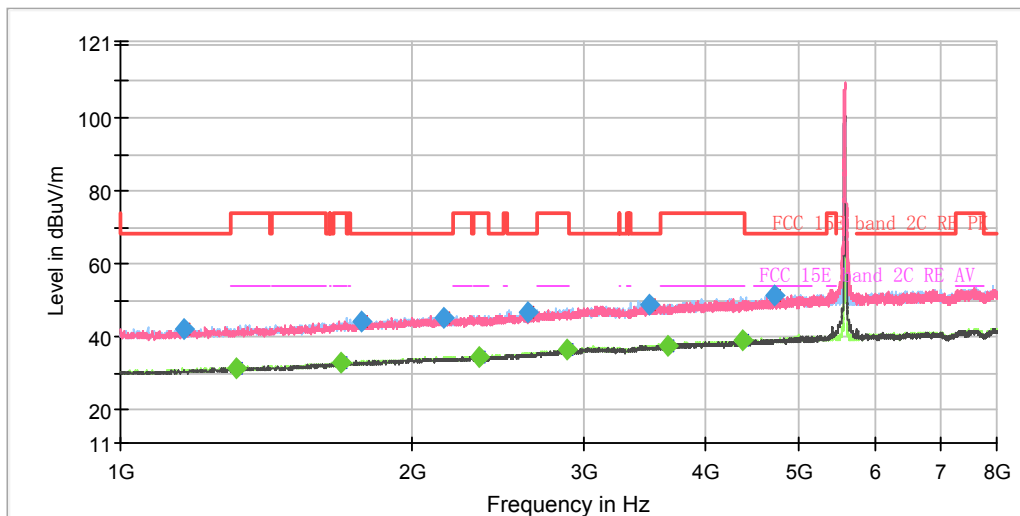
Radiates Emission from 8GHz to 18GHz



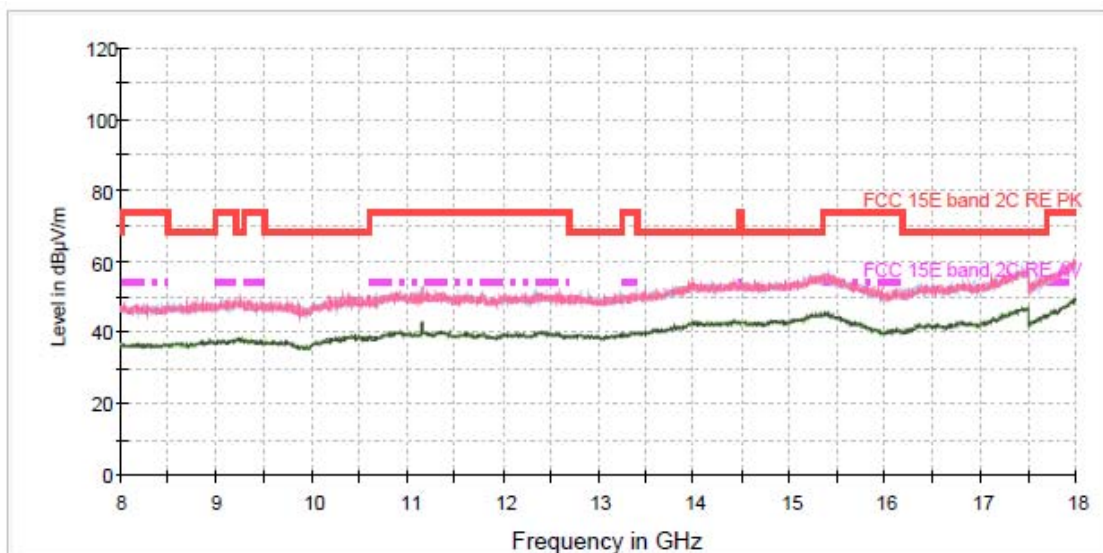
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1131.250000	42.40	---	68.20	25.80	200.0	V	272.0	-8.2
1307.125000	---	31.29	54.00	22.71	200.0	H	11.0	-7.2
1693.875000	---	32.96	54.00	21.04	100.0	H	0.0	-5.1
1859.250000	45.32	---	68.20	22.88	200.0	V	29.0	-4.2
2151.500000	45.77	---	68.20	22.43	100.0	V	338.0	-2.7
2334.375000	---	34.49	54.00	19.51	200.0	H	231.0	-2.2
2646.750000	46.33	---	68.20	21.87	200.0	H	119.0	-0.8
2902.250000	---	36.57	54.00	17.43	100.0	H	70.0	0.5
3454.375000	49.20	---	68.20	19.00	200.0	H	299.0	2.2
3646.875000	---	37.51	54.00	16.49	100.0	H	248.0	2.8
4603.250000	---	39.06	54.00	14.94	200.0	H	114.0	5.2
4786.125000	50.84	---	68.20	17.36	100.0	H	288.0	5.8

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

802.11n (HT20) CH116



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



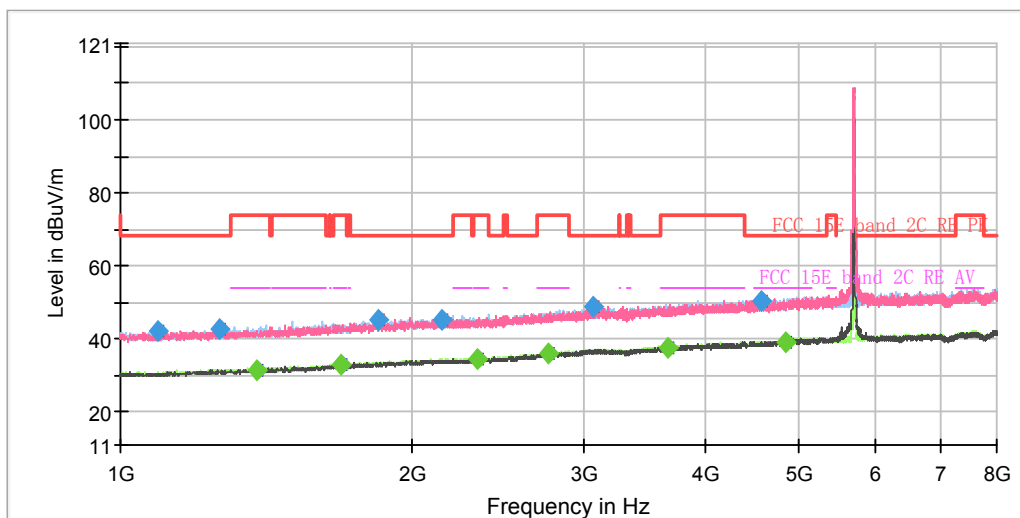
Radiates Emission from 8GHz to 18GHz



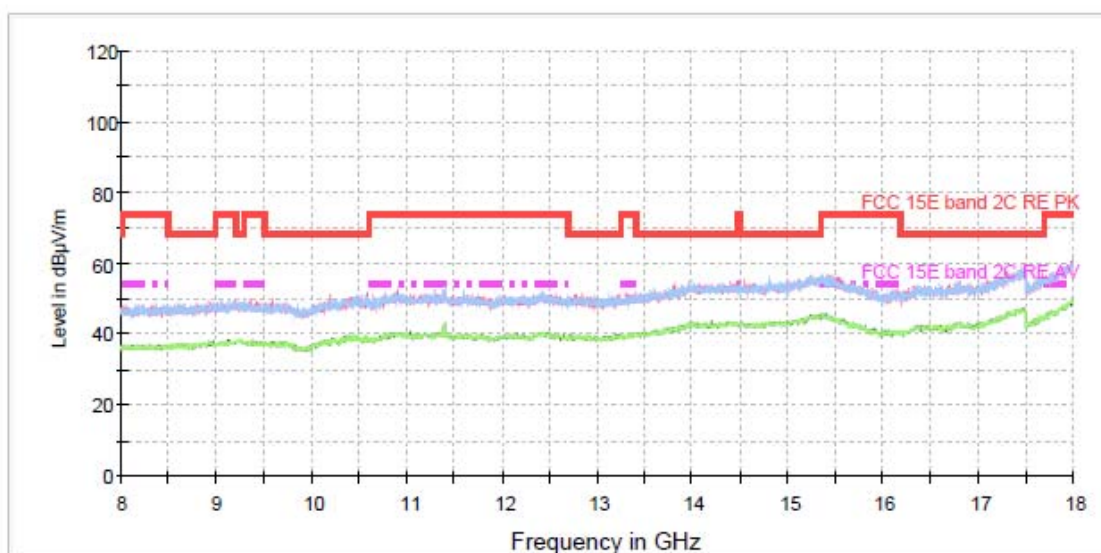
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1162.750000	42.14	---	68.20	26.06	200.0	V	30.0	-8.0
1314.125000	---	31.28	54.00	22.72	200.0	H	50.0	-7.2
1690.375000	---	32.82	54.00	21.18	100.0	H	148.0	-5.1
1775.250000	44.20	---	68.20	24.00	200.0	H	148.0	-4.6
2148.875000	45.20	---	68.20	23.00	100.0	H	170.0	-2.7
2345.750000	---	34.36	54.00	19.64	200.0	H	6.0	-2.1
2634.500000	47.03	---	68.20	21.17	200.0	H	73.0	-0.8
2887.375000	---	36.44	54.00	17.56	100.0	H	95.0	0.5
3503.375000	48.99	---	68.20	19.21	200.0	V	301.0	2.3
3662.625000	---	37.74	54.00	16.26	200.0	H	33.0	2.9
4375.750000	---	39.29	54.00	14.71	100.0	H	50.0	4.8
4713.500000	51.19	---	68.20	17.01	200.0	V	178.0	5.6

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

802.11n (HT20) CH140



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



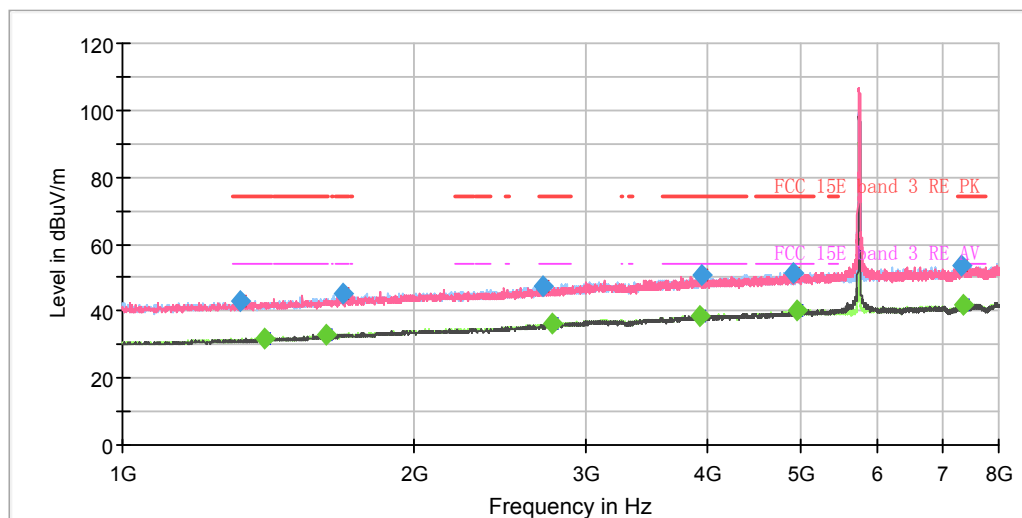
Radiates Emission from 8GHz to 18GHz



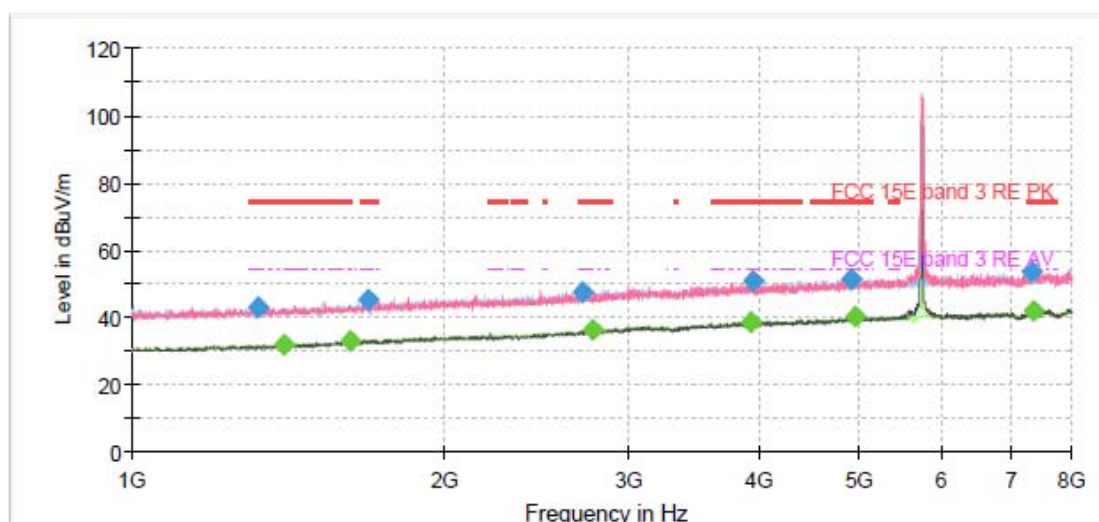
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1092.750000	42.37	---	68.20	25.83	200.0	V	325.0	-8.4
1266.000000	42.79	---	68.20	25.41	200.0	V	95.0	-7.4
1380.625000	---	31.45	54.00	22.55	200.0	H	0.0	-6.8
1687.750000	---	33.07	54.00	20.93	100.0	H	84.0	-5.1
1840.875000	45.03	---	68.20	23.17	200.0	H	18.0	-4.3
2139.250000	45.18	---	68.20	23.02	100.0	H	0.0	-2.8
2336.125000	---	34.57	54.00	19.43	200.0	H	95.0	-2.2
2759.625000	---	36.14	54.00	17.86	200.0	H	324.0	-0.2
3076.375000	48.85	---	68.20	19.35	100.0	H	56.0	1.5
3672.250000	---	37.60	54.00	16.40	200.0	H	324.0	3.0
4572.625000	50.33	---	68.20	17.87	100.0	V	308.0	5.2
4854.375000	---	39.29	54.00	14.71	200.0	H	156.0	6.1

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

802.11n (HT20) CH149



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



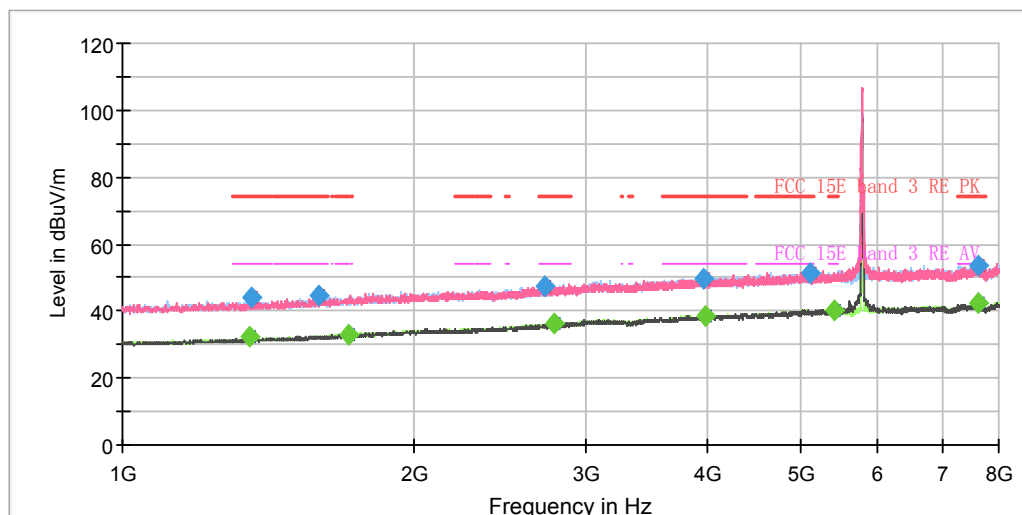
Radiates Emission from 8GHz to 18GHz



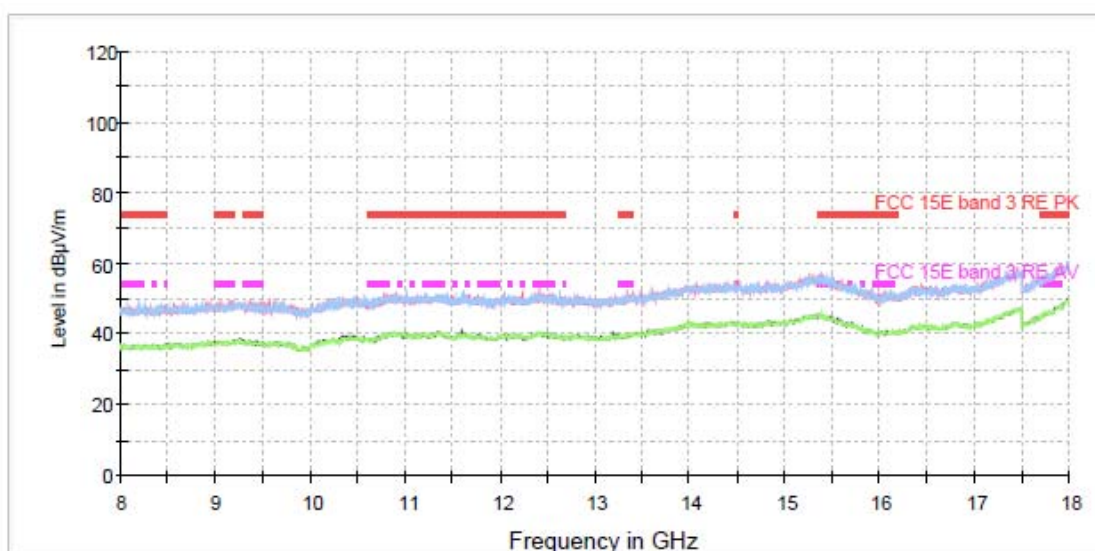
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1323.750000	42.73	---	74.00	31.27	200.0	V	330.0	-7.1
1399.875000	---	31.91	54.00	22.09	100.0	H	60.0	-6.7
1619.500000	---	33.01	54.00	20.99	200.0	H	160.0	-5.5
1689.500000	45.09	---	74.00	28.91	200.0	V	34.0	-5.1
2711.500000	47.46	---	74.00	26.54	100.0	H	303.0	-0.4
2775.375000	---	36.12	54.00	17.88	200.0	H	11.0	-0.1
3939.125000	---	38.50	54.00	15.50	100.0	H	303.0	3.9
3948.750000	50.67	---	74.00	23.33	200.0	H	33.0	3.9
4904.250000	51.55	---	74.00	22.45	100.0	H	149.0	6.4
4949.750000	---	40.13	54.00	13.87	200.0	H	22.0	6.5
7329.750000	53.44	---	74.00	20.56	100.0	V	146.0	9.7
7340.250000	---	42.01	54.00	11.99	200.0	H	186.0	9.8

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

802.11n (HT20) CH157



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



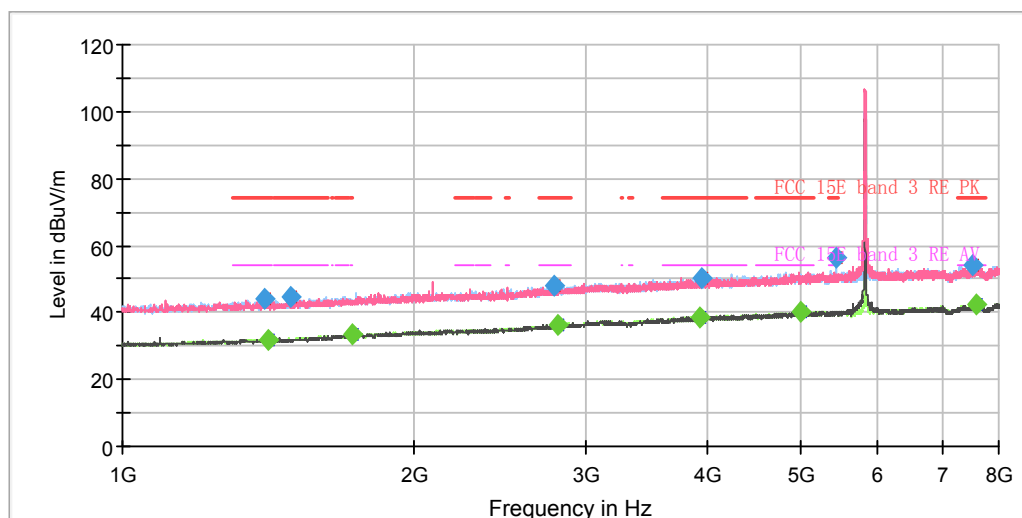
Radiates Emission from 8GHz to 18GHz



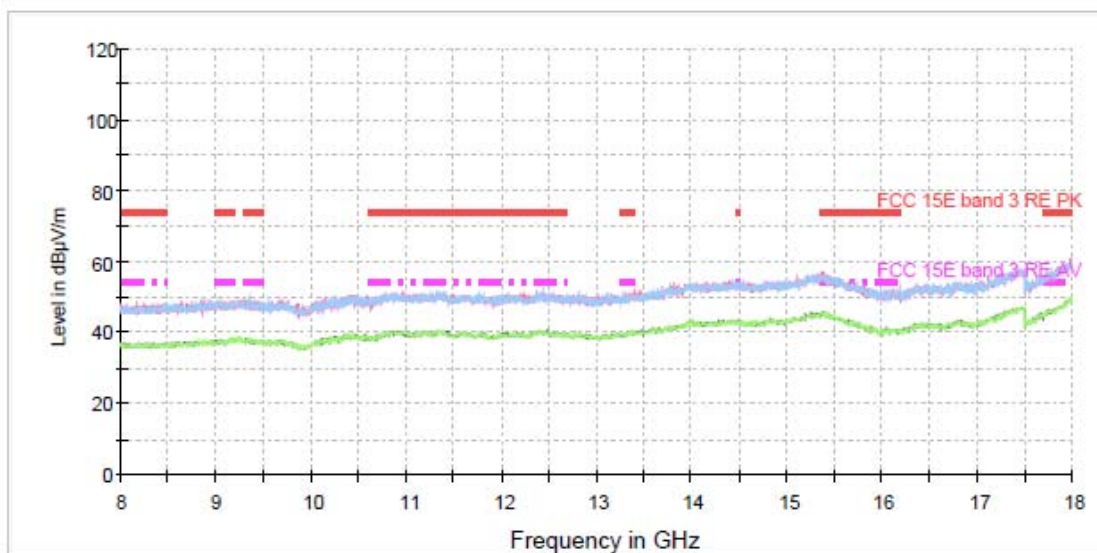
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1352.625000	---	32.12	54.00	21.88	200.0	H	255.0	-7.0
1355.250000	43.94	---	74.00	30.06	100.0	H	138.0	-6.9
1594.125000	44.71	---	74.00	29.29	200.0	V	7.0	-5.6
1708.750000	---	33.04	54.00	20.96	200.0	H	126.0	-5.0
2728.125000	47.58	---	74.00	26.42	100.0	H	138.0	-0.4
2782.375000	---	36.24	54.00	17.76	200.0	H	121.0	0.0
3971.500000	49.48	---	74.00	24.52	100.0	H	87.0	3.9
3980.250000	---	38.55	54.00	15.45	200.0	V	356.0	4.0
5109.000000	51.53	---	74.00	22.47	200.0	H	213.0	6.6
5403.875000	---	40.24	54.00	13.76	100.0	V	299.0	7.0
7620.250000	53.66	---	74.00	20.34	200.0	V	243.0	10.2
7629.000000	---	42.18	54.00	11.82	200.0	H	126.0	10.2

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

802.11n (HT20) CH165



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



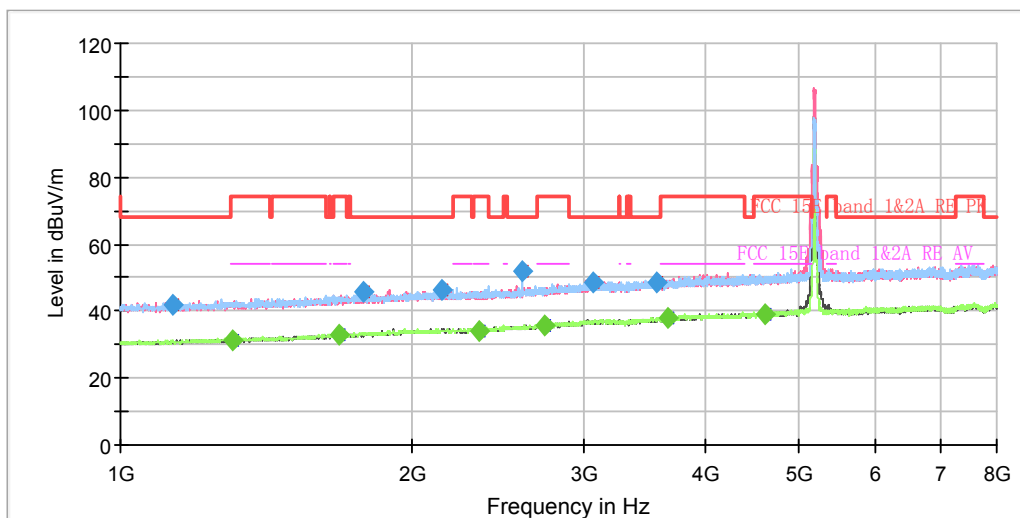
Radiates Emission from 8GHz to 18GHz



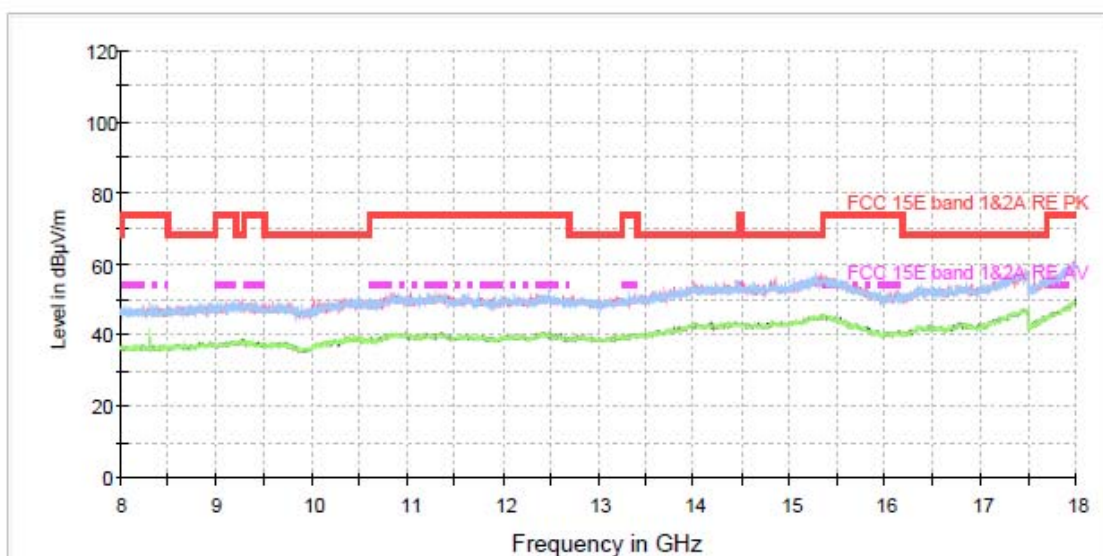
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1398.125000	44.26	---	74.00	29.75	200.0	H	338.0	-6.7
1413.875000	---	32.05	54.00	21.95	100.0	H	48.0	-6.6
1490.000000	44.73	---	74.00	29.27	100.0	V	238.0	-6.2
1721.875000	---	33.44	54.00	20.56	200.0	H	272.0	-4.9
2786.750000	48.18	---	74.00	25.82	200.0	H	338.0	0.0
2806.000000	---	36.37	54.00	17.63	100.0	V	254.0	0.1
3942.625000	---	38.70	54.00	15.30	200.0	V	225.0	3.9
3946.125000	50.20	---	74.00	23.80	200.0	V	354.0	3.9
4990.875000	---	40.31	54.00	13.69	200.0	H	322.0	6.6
5430.125000	56.56	---	74.00	17.44	200.0	H	272.0	7.1
7503.875000	54.00	---	74.00	20.00	200.0	V	201.0	9.9
7569.500000	---	42.32	54.00	11.68	100.0	V	74.0	10.1

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

802.11n (HT40) CH38



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



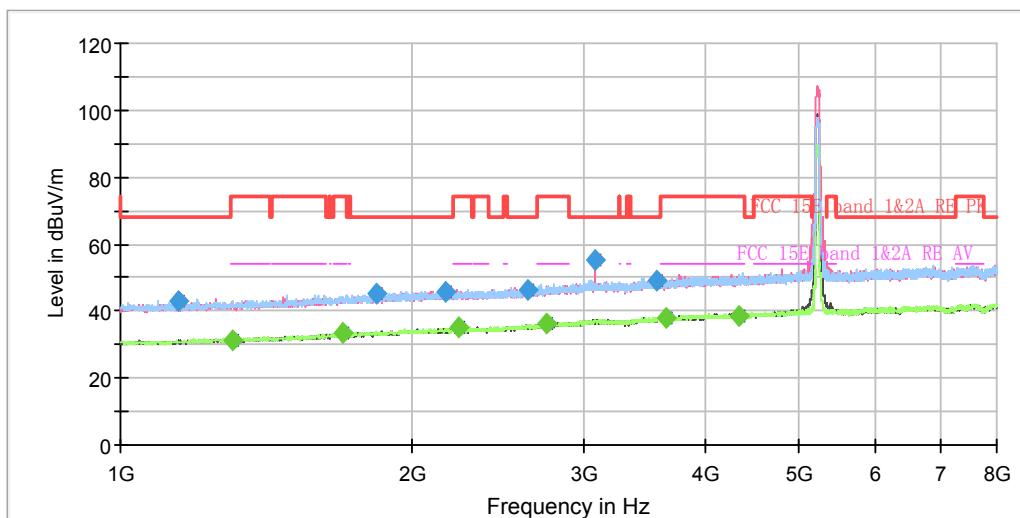
Radiates Emission from 8GHz to 18GHz



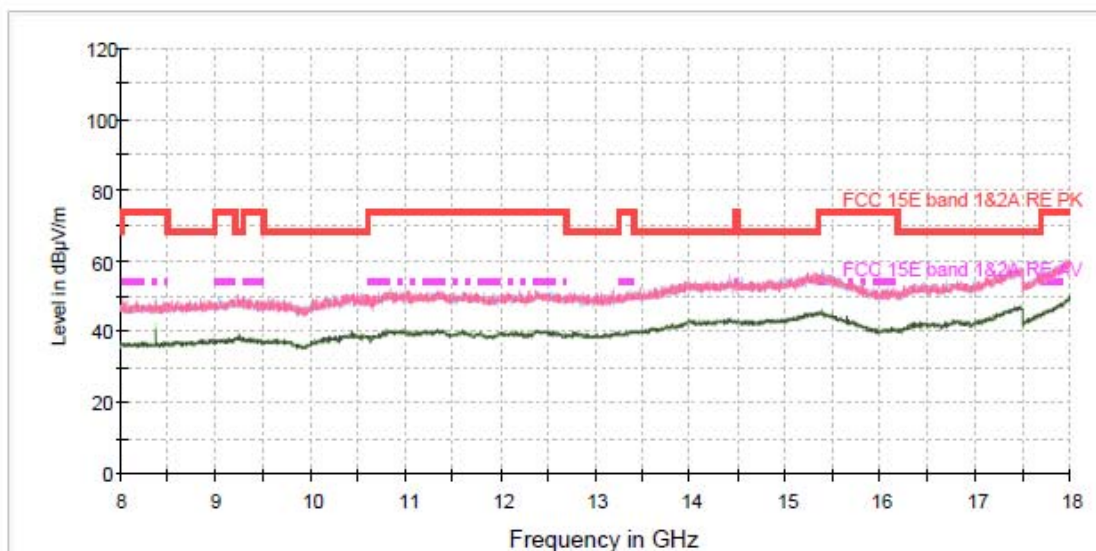
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1130.375000	41.66	---	68.20	26.54	200.0	V	203.0	-8.2
1307.125000	---	31.46	54.00	22.54	100.0	V	307.0	-7.2
1681.625000	---	33.10	54.00	20.90	100.0	V	145.0	-5.1
1782.250000	45.52	---	68.20	22.68	100.0	V	347.0	-4.6
2147.125000	46.22	---	68.20	21.98	200.0	V	41.0	-2.7
2344.875000	---	34.29	54.00	19.71	200.0	V	86.0	-2.1
2597.750000	52.07	---	68.20	16.13	200.0	H	328.0	-1.0
2732.500000	---	35.78	54.00	18.22	200.0	H	0.0	-0.3
3076.375000	48.82	---	68.20	19.38	200.0	H	275.0	1.5
3562.875000	48.75	---	68.20	19.45	100.0	V	183.0	2.7
3673.125000	---	38.09	54.00	15.91	100.0	H	20.0	3.0
4613.750000	---	39.33	54.00	14.67	100.0	V	278.0	5.2

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

802.11n (HT40) CH46



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



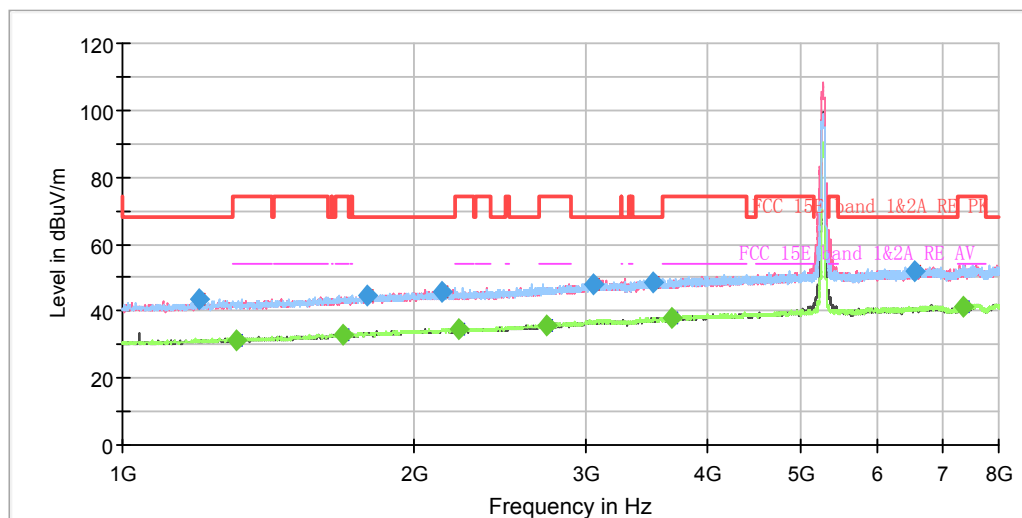
Radiates Emission from 8GHz to 18GHz



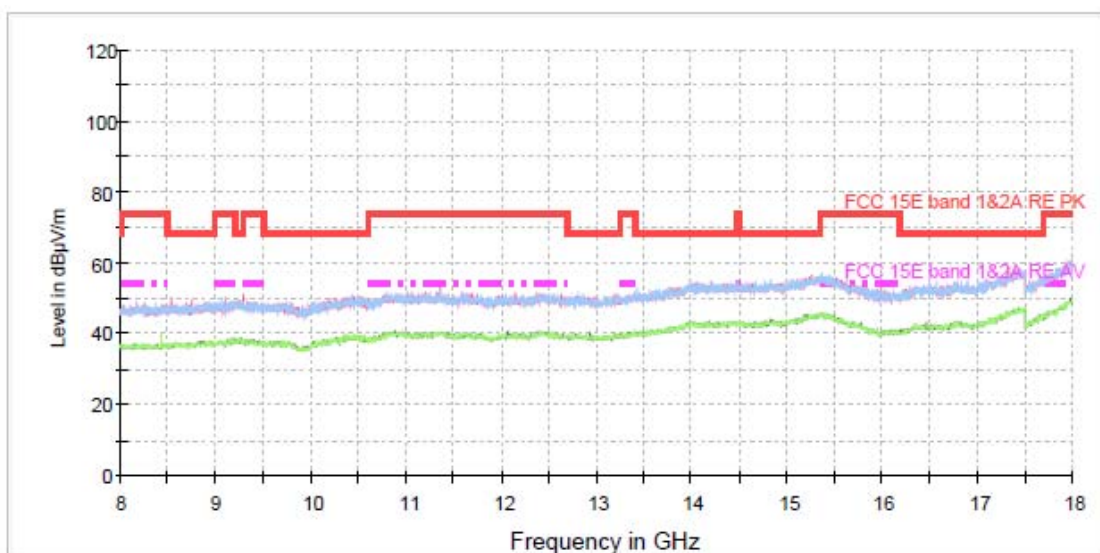
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1146.125000	42.88	---	68.20	25.32	100.0	V	222.0	-8.1
1305.375000	---	31.42	54.00	22.58	200.0	V	21.0	-7.2
1693.875000	---	33.23	54.00	20.77	100.0	H	7.0	-5.1
1836.500000	45.45	---	68.20	22.75	200.0	H	341.0	-4.2
2164.625000	45.94	---	68.20	22.26	200.0	H	112.0	-2.7
2233.750000	---	34.92	54.00	19.08	200.0	V	27.0	-2.6
2631.000000	46.52	---	68.20	21.68	200.0	H	201.0	-0.8
2747.375000	---	36.13	54.00	17.87	100.0	V	244.0	-0.2
3085.125000	55.18	---	68.20	13.02	200.0	V	10.0	1.5
3567.250000	48.94	---	68.20	19.26	100.0	H	114.0	2.7
3645.125000	---	38.09	54.00	15.91	100.0	V	28.0	2.8
4345.125000	---	38.79	54.00	15.21	100.0	H	69.0	4.7

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

802.11n (HT40) CH54



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



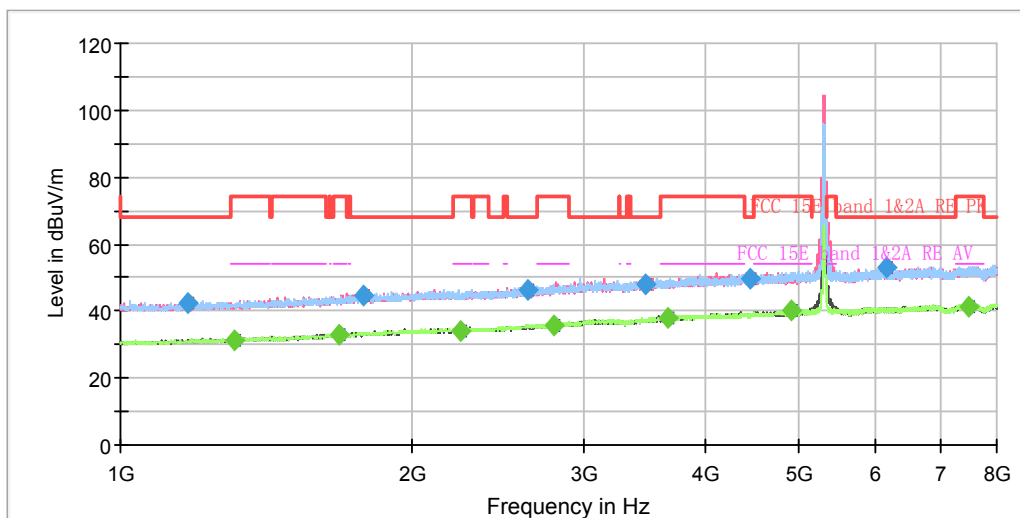
Radiates Emission from 8GHz to 18GHz



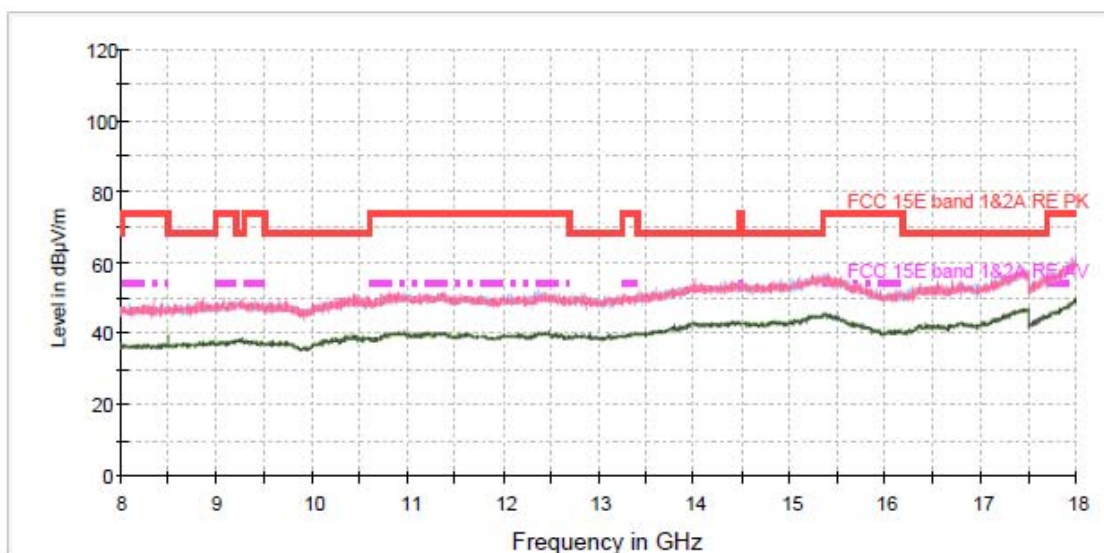
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1197.750000	43.26	---	68.20	24.94	100.0	V	328.0	-7.8
1313.250000	---	31.44	54.00	22.56	200.0	H	311.0	-7.2
1686.000000	---	33.18	54.00	20.82	200.0	H	182.0	-5.1
1791.000000	44.44	---	68.20	23.76	200.0	V	27.0	-4.5
2132.250000	45.93	---	68.20	22.27	100.0	V	353.0	-2.8
2222.375000	---	34.33	54.00	19.67	200.0	V	27.0	-2.6
2736.875000	---	35.82	54.00	18.18	200.0	H	117.0	-0.3
3058.000000	48.19	---	68.20	20.01	100.0	H	22.0	1.4
3525.250000	48.75	---	68.20	19.45	100.0	V	306.0	2.4
3676.625000	---	38.05	54.00	15.95	200.0	V	27.0	3.0
6548.375000	52.16	---	68.20	16.04	100.0	V	92.0	8.6
7363.875000	---	41.47	54.00	12.53	200.0	V	288.0	9.8

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

802.11n (HT40) CH62



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



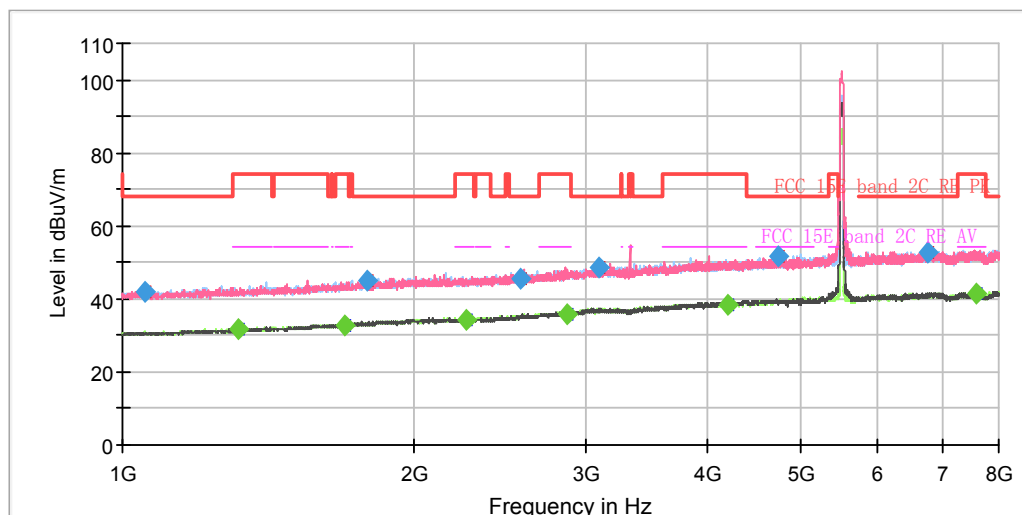
Radiates Emission from 8GHz to 18GHz



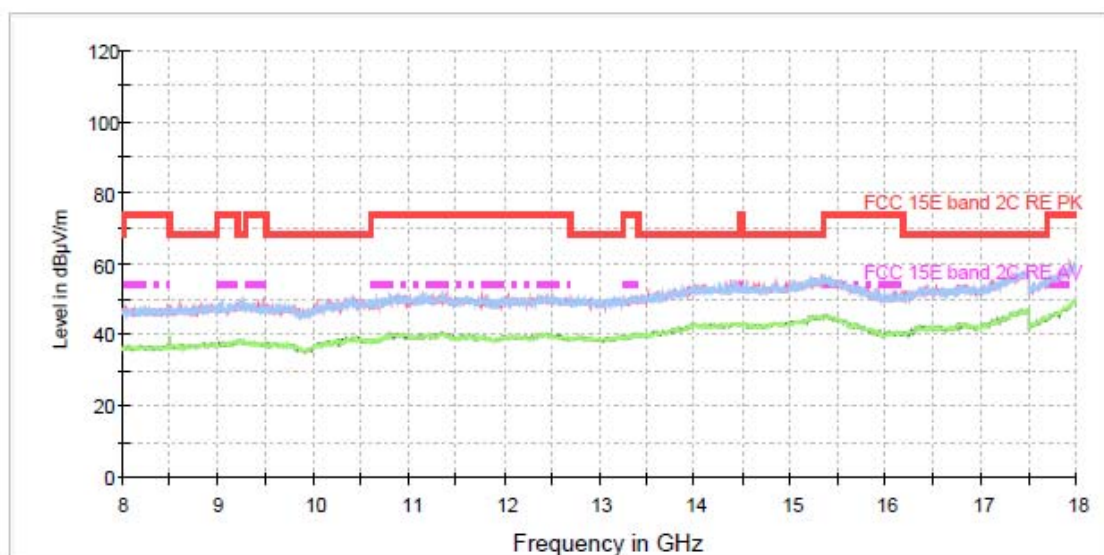
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1175.000000	42.57	---	68.20	25.63	200.0	H	347.0	-7.9
1308.000000	---	31.36	54.00	22.64	200.0	H	178.0	-7.2
1677.250000	---	33.07	54.00	20.93	100.0	V	359.0	-5.1
1782.250000	44.44	---	68.20	23.76	200.0	H	35.0	-4.6
2239.000000	---	34.17	54.00	19.83	100.0	V	262.0	-2.5
2631.000000	46.40	---	68.20	21.80	100.0	V	50.0	-0.8
2803.375000	---	35.78	54.00	18.22	200.0	V	60.0	0.1
3483.250000	47.74	---	68.20	20.46	100.0	V	146.0	2.2
3664.375000	---	38.05	54.00	15.95	200.0	V	111.0	2.9
4452.750000	49.90	---	68.20	18.30	100.0	V	353.0	4.9
4912.125000	---	39.92	54.00	14.08	200.0	H	214.0	6.4
6162.500000	53.03	---	68.20	15.17	100.0	H	35.0	8.1
7483.750000	---	41.52	54.00	12.48	200.0	V	304.0	9.9

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

802.11n (HT40) CH102



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



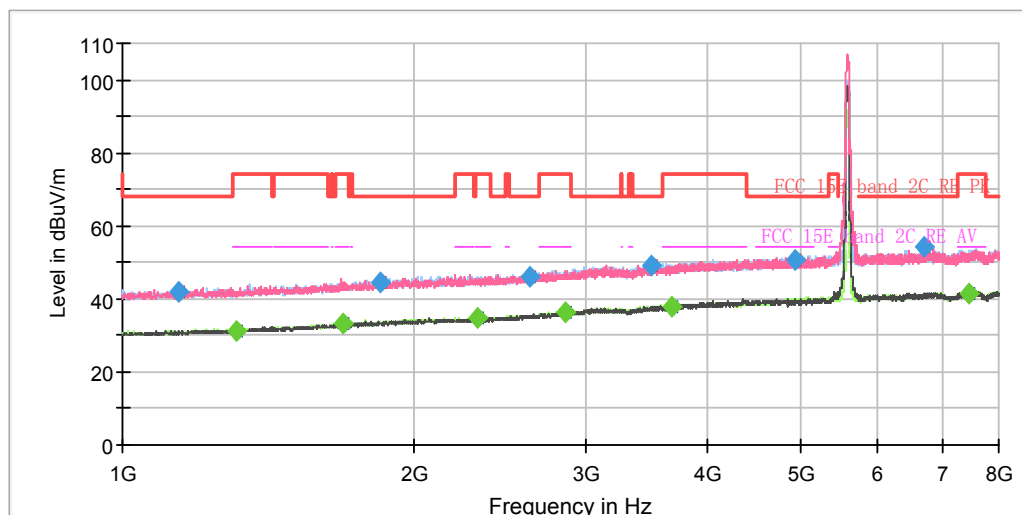
Radiates Emission from 8GHz to 18GHz



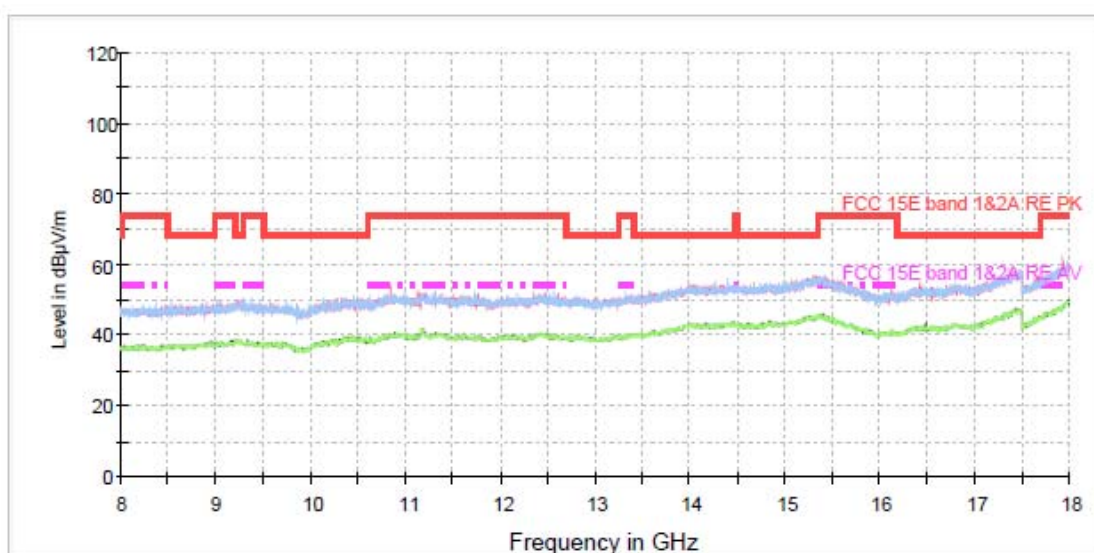
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1055.125000	41.75	---	68.20	26.45	200.0	V	0.0	-8.5
1315.000000	---	31.59	54.00	22.41	200.0	H	281.0	-7.2
1698.250000	---	32.89	54.00	21.11	100.0	V	220.0	-5.0
1785.750000	44.88	---	68.20	23.32	100.0	V	1.0	-4.6
2265.250000	---	34.47	54.00	19.53	100.0	V	12.0	-2.3
2567.125000	45.42	---	68.20	22.78	200.0	H	297.0	-1.1
2869.000000	---	36.01	54.00	17.99	200.0	H	0.0	0.5
3103.500000	48.61	---	68.20	19.59	100.0	V	232.0	1.5
4207.750000	---	38.61	54.00	15.39	100.0	H	241.0	4.4
4739.750000	51.92	---	68.20	16.28	200.0	H	114.0	5.7
6761.000000	52.58	---	68.20	15.62	100.0	V	154.0	8.9
7587.875000	---	41.64	54.00	12.36	100.0	H	308.0	10.1

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

802.11n (HT40) CH118



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



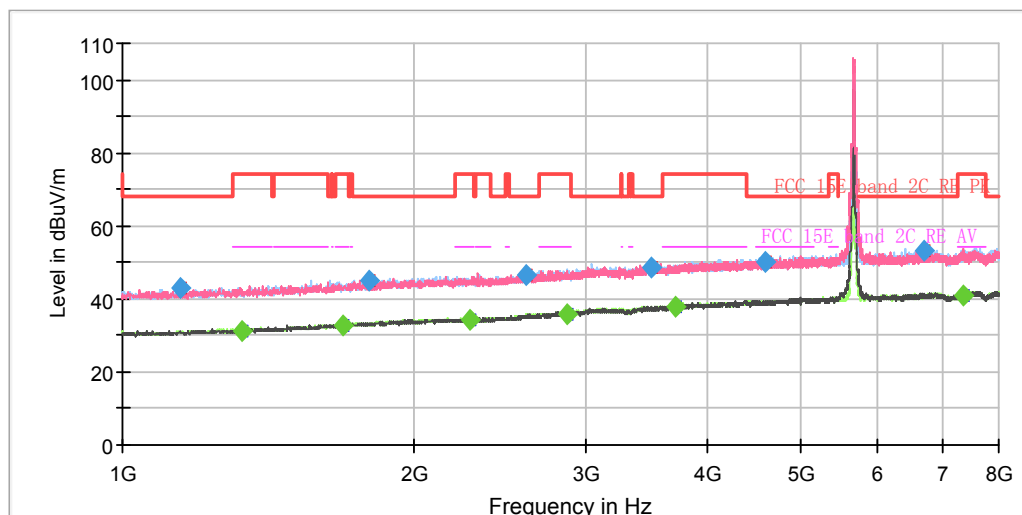
Radiates Emission from 8GHz to 18GHz



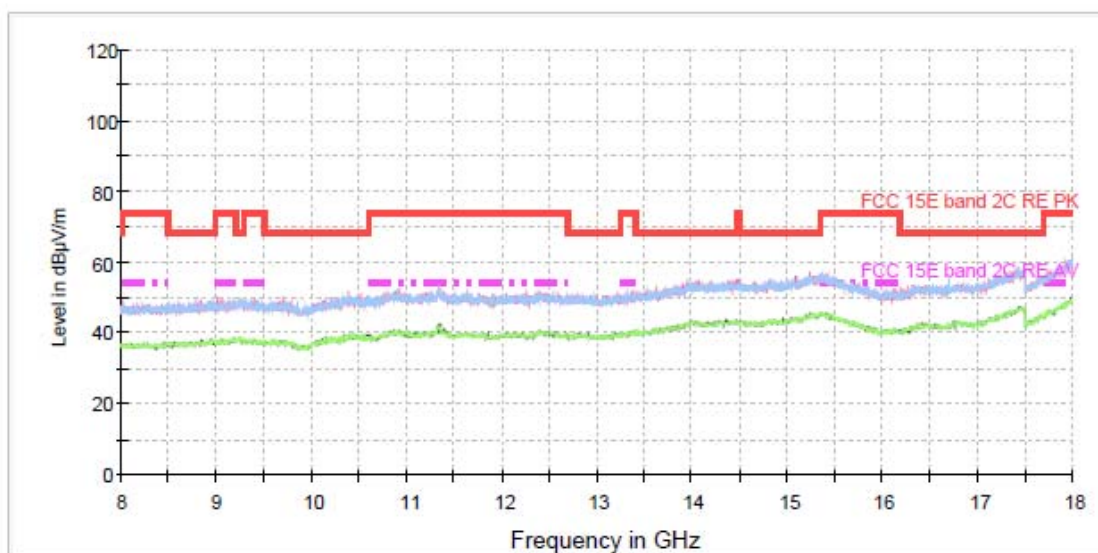
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1140.875000	42.14	---	68.20	26.06	100.0	V	245.0	-8.2
1310.625000	---	31.27	54.00	22.73	100.0	H	265.0	-7.2
1684.250000	---	33.32	54.00	20.68	200.0	H	174.0	-5.1
1846.125000	44.56	---	68.20	23.64	100.0	H	320.0	-4.3
2318.625000	---	34.72	54.00	19.28	100.0	V	82.0	-2.2
2627.500000	46.16	---	68.20	22.04	200.0	H	103.0	-0.8
2862.000000	---	36.50	54.00	17.50	200.0	H	344.0	0.5
3502.500000	48.91	---	68.20	19.29	100.0	H	152.0	2.3
3687.125000	---	37.68	54.00	16.32	200.0	H	21.0	3.1
4929.625000	50.44	---	68.20	17.76	200.0	H	191.0	6.4
6705.875000	54.21	---	68.20	13.99	100.0	H	347.0	8.8
7459.250000	---	41.59	54.00	12.41	100.0	H	315.0	9.8

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

802.11n (HT40) CH134



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



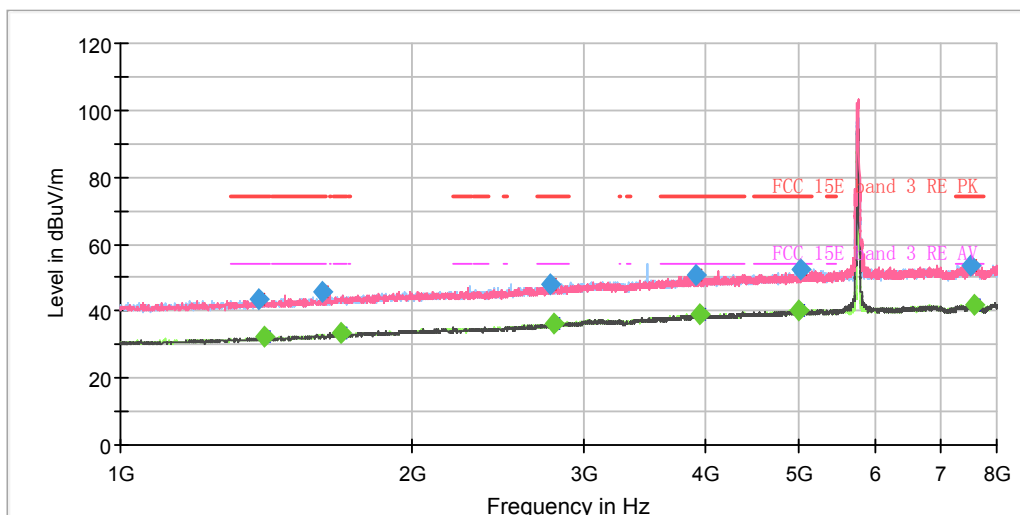
Radiates Emission from 8GHz to 18GHz



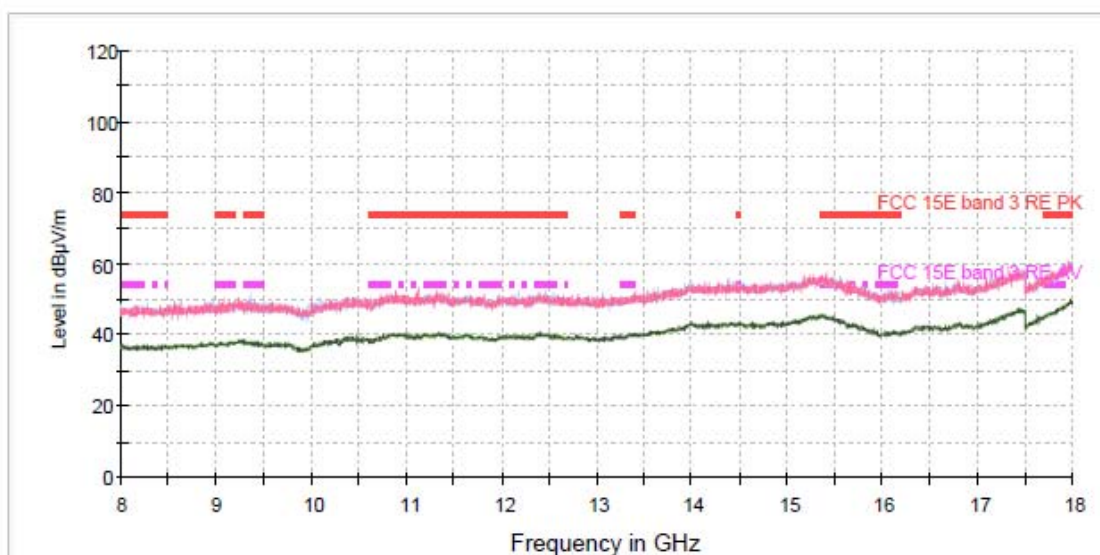
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1147.875000	43.03	---	68.20	25.17	200.0	V	353.0	-8.1
1325.500000	---	31.29	54.00	22.71	200.0	H	287.0	-7.1
1684.250000	---	32.88	54.00	21.12	100.0	H	348.0	-5.1
1798.000000	44.80	---	68.20	23.40	200.0	V	337.0	-4.5
2280.125000	---	34.40	54.00	19.60	100.0	V	356.0	-2.3
2607.375000	46.32	---	68.20	21.88	100.0	H	238.0	-0.9
2869.000000	---	35.91	54.00	18.09	100.0	H	78.0	0.5
3507.750000	48.59	---	68.20	19.61	200.0	H	0.0	2.3
3710.750000	---	37.98	54.00	16.02	100.0	H	320.0	3.1
4599.750000	50.16	---	68.20	18.04	200.0	H	141.0	5.2
6687.500000	53.20	---	68.20	15.00	100.0	H	151.0	8.8
7355.125000	---	41.13	54.00	12.87	100.0	H	293.0	9.8

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

802.11n (HT40) CH151



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



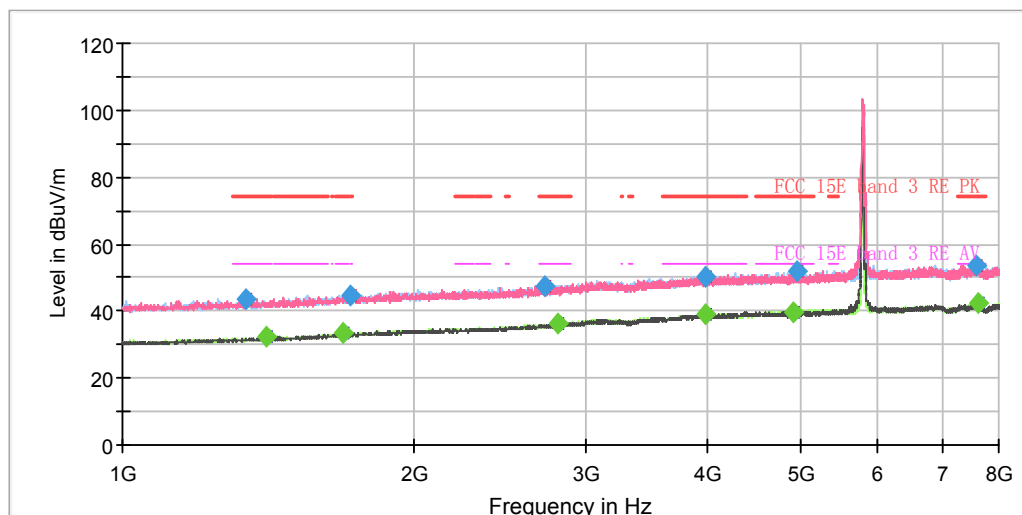
Radiates Emission from 8GHz to 18GHz



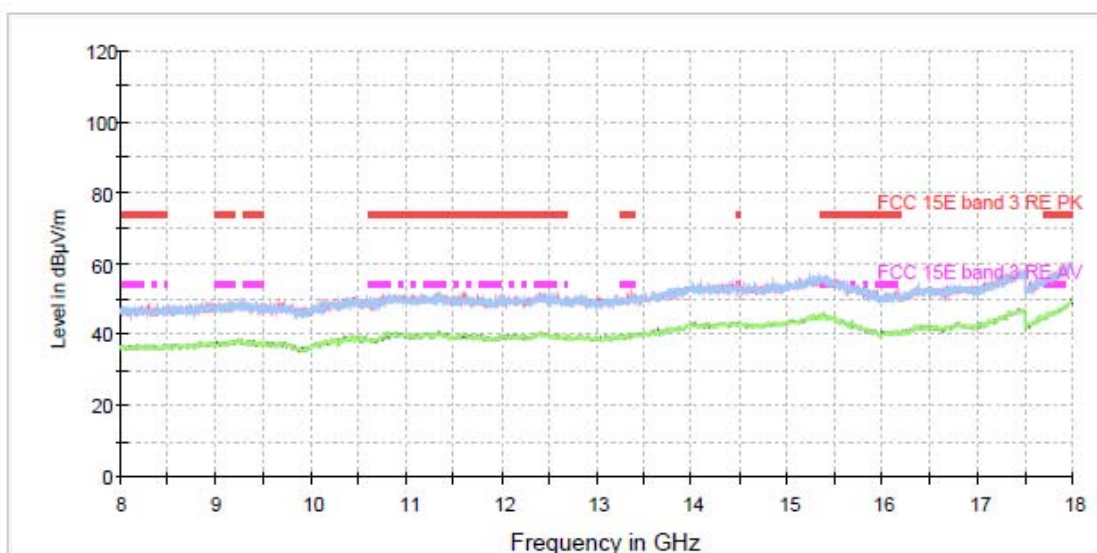
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1389.375000	43.64	---	74.00	30.36	200.0	H	31.0	-6.8
1407.750000	---	32.18	54.00	21.82	200.0	H	192.0	-6.7
1614.250000	45.63	---	74.00	28.37	100.0	V	0.0	-5.5
1685.125000	---	33.23	54.00	20.77	100.0	V	10.0	-5.1
2768.375000	47.74	---	74.00	26.26	100.0	H	147.0	-0.1
2795.500000	---	36.28	54.00	17.72	200.0	H	93.0	0.1
3912.000000	50.90	---	74.00	23.10	200.0	V	293.0	3.8
3947.875000	---	38.86	54.00	15.14	100.0	H	0.0	3.9
4989.125000	---	40.28	54.00	13.72	200.0	H	55.0	6.6
5022.375000	52.49	---	74.00	21.51	100.0	V	0.0	6.6
7516.125000	53.70	---	74.00	20.30	200.0	V	349.0	9.9
7592.250000	---	42.09	54.00	11.91	100.0	H	0.0	10.1

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

802.11n (HT40) CH159



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



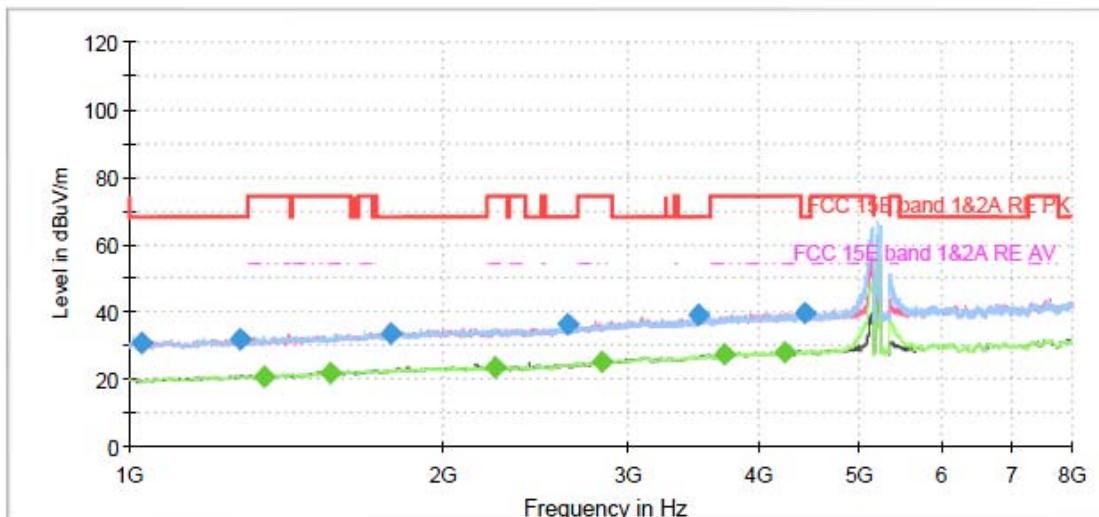
Radiates Emission from 8GHz to 18GHz



Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1341.250000	43.76	---	74.00	30.24	100.0	V	118.0	-7.0
1404.250000	---	32.10	54.00	21.90	100.0	H	320.0	-6.7
1686.875000	---	33.56	54.00	20.44	200.0	H	254.0	-5.1
1719.250000	44.65	---	74.00	29.35	200.0	V	72.0	-4.9
2729.000000	47.64	---	74.00	26.36	100.0	H	104.0	-0.3
2805.125000	---	36.35	54.00	17.65	200.0	H	160.0	0.1
3980.250000	---	38.95	54.00	15.05	100.0	H	227.0	4.0
3996.875000	50.02	---	74.00	23.98	200.0	H	100.0	4.0
4913.875000	---	39.80	54.00	14.20	100.0	H	303.0	6.4
4948.000000	51.97	---	74.00	22.03	200.0	V	304.0	6.5
7569.500000	53.70	---	74.00	20.30	200.0	V	276.0	10.1
7606.250000	---	42.30	54.00	11.70	200.0	H	249.0	10.1

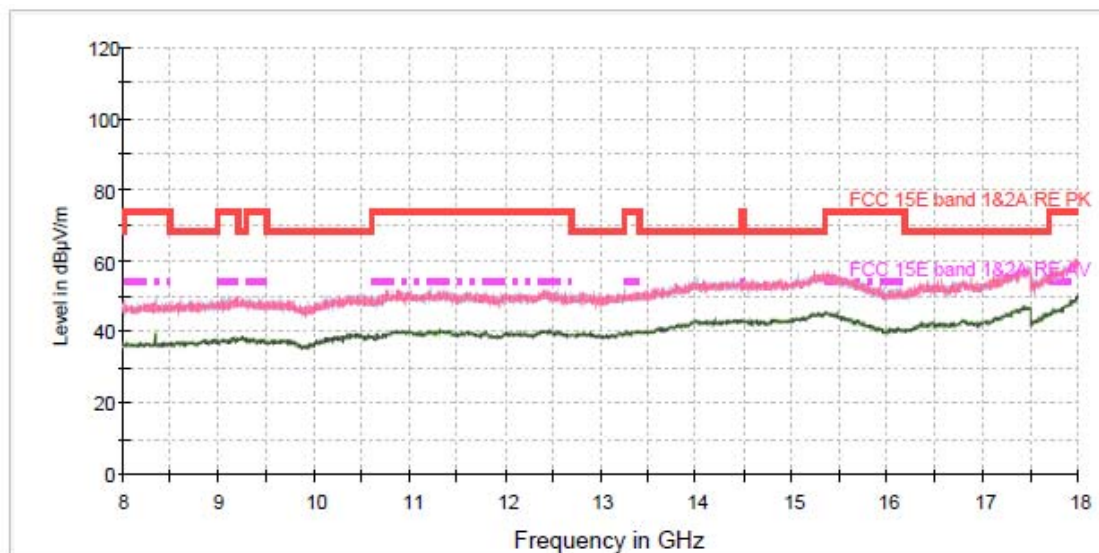
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

802.11ac (HT80) CH42



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz



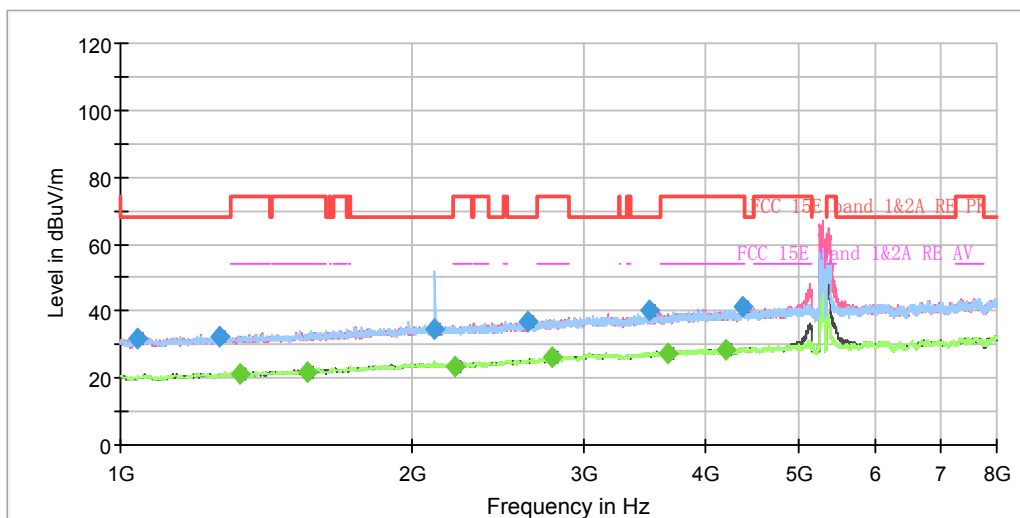
Radiates Emission from 8GHz to 18GHz



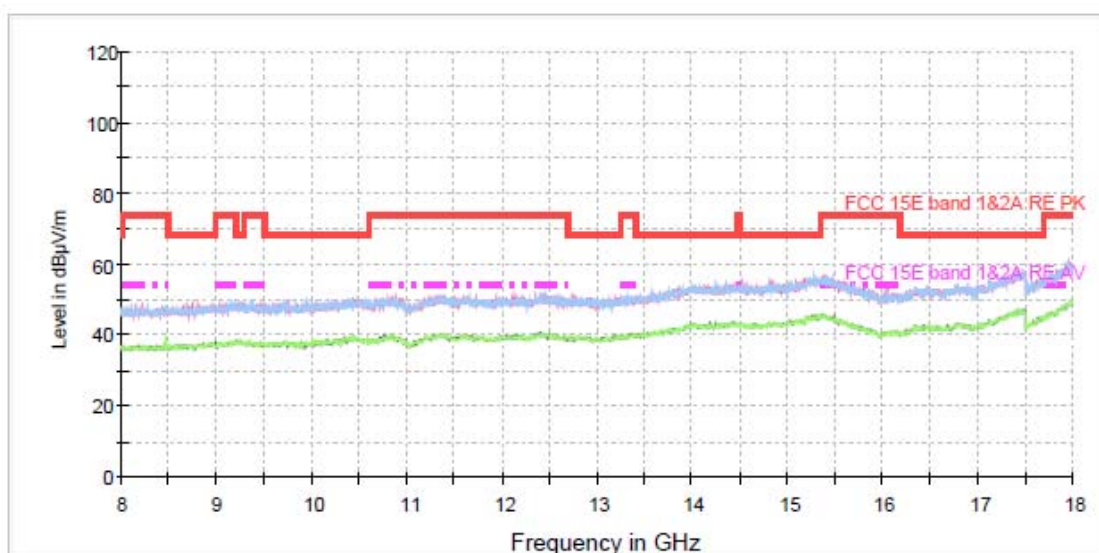
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1028.875000	30.83	---	68.20	37.37	200.0	H	317.0	-18.8
1274.750000	31.79	---	68.20	36.41	200.0	H	57.0	-17.4
1343.875000	---	20.88	54.00	33.12	200.0	V	59.0	-17.0
1557.375000	---	21.65	54.00	32.35	200.0	V	70.0	-15.8
1779.625000	33.50	---	68.20	34.70	200.0	H	256.0	-14.6
2241.625000	---	23.51	54.00	30.49	200.0	V	180.0	-12.5
2624.000000	36.02	---	68.20	32.18	100.0	V	189.0	-10.9
2834.000000	---	25.15	54.00	28.85	100.0	H	71.0	-9.7
3504.250000	38.82	---	68.20	29.38	200.0	V	0.0	-7.7
3716.000000	---	27.17	54.00	26.83	200.0	V	116.0	-6.9
4239.250000	---	28.15	54.00	25.85	200.0	V	70.0	-5.5
4443.125000	39.60	---	68.20	28.60	100.0	V	149.0	-5.1

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

802.11ac (HT80) CH58



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



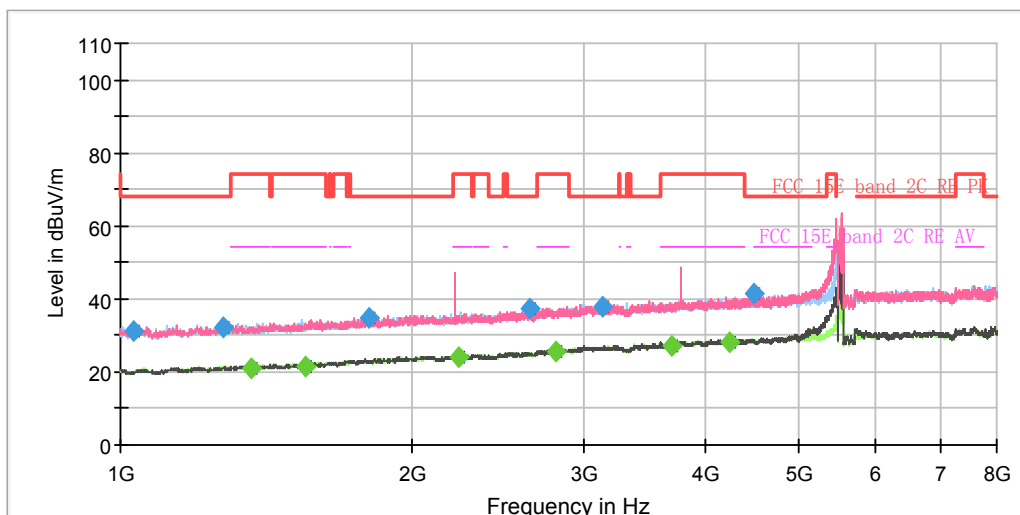
Radiates Emission from 8GHz to 18GHz



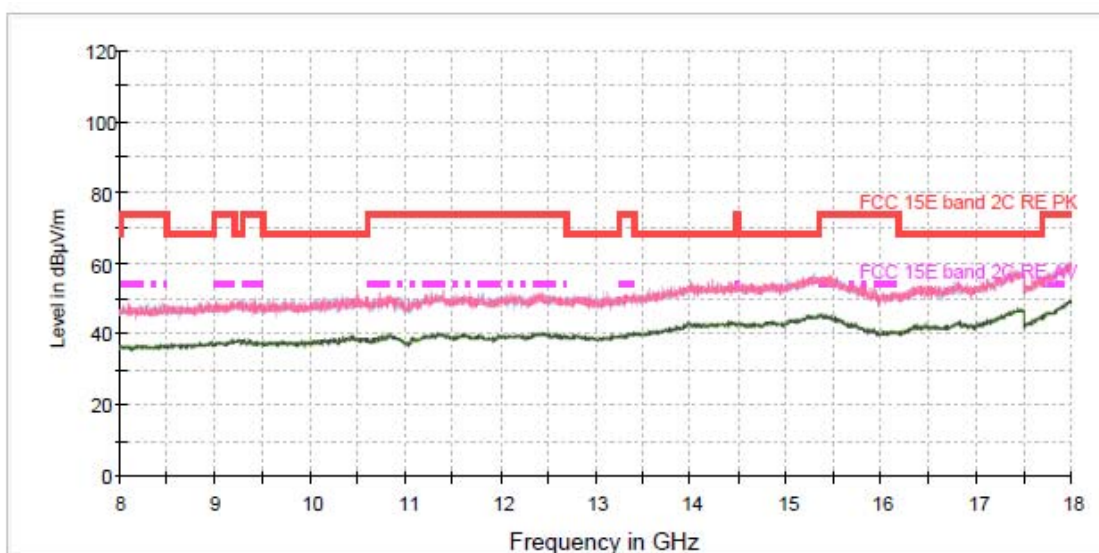
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1039.375000	31.57	---	68.20	36.63	100.0	V	327.0	-18.6
1262.500000	32.49	---	68.20	35.71	100.0	V	210.0	-17.5
1329.000000	---	21.47	54.00	32.53	200.0	H	140.0	-17.1
1557.375000	---	21.98	54.00	32.02	200.0	H	86.0	-15.8
2109.500000	34.84	---	68.20	33.36	200.0	V	105.0	-12.9
2211.000000	---	23.72	54.00	30.28	100.0	V	284.0	-12.6
2633.625000	36.60	---	68.20	31.60	100.0	V	205.0	-10.8
2778.875000	---	26.10	54.00	27.90	200.0	H	11.0	-10.1
3505.125000	39.97	---	68.20	28.23	100.0	V	59.0	-7.7
3670.500000	---	27.41	54.00	26.59	100.0	V	49.0	-7.0
4199.000000	---	28.58	54.00	25.42	200.0	V	184.0	-5.6
4381.000000	41.17	---	74.00	32.83	100.0	V	317.0	-5.2

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

802.11ac (HT80) CH106



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



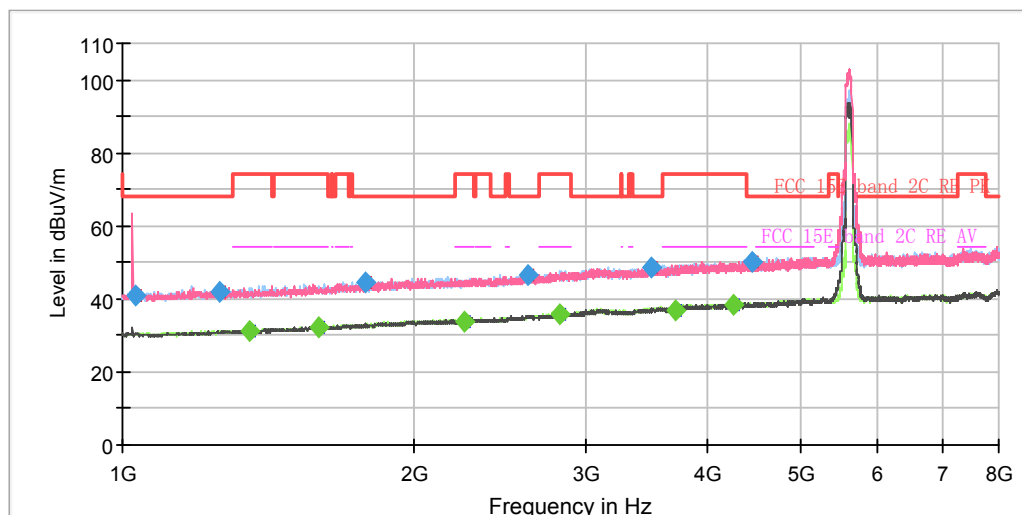
Radiates Emission from 8GHz to 18GHz



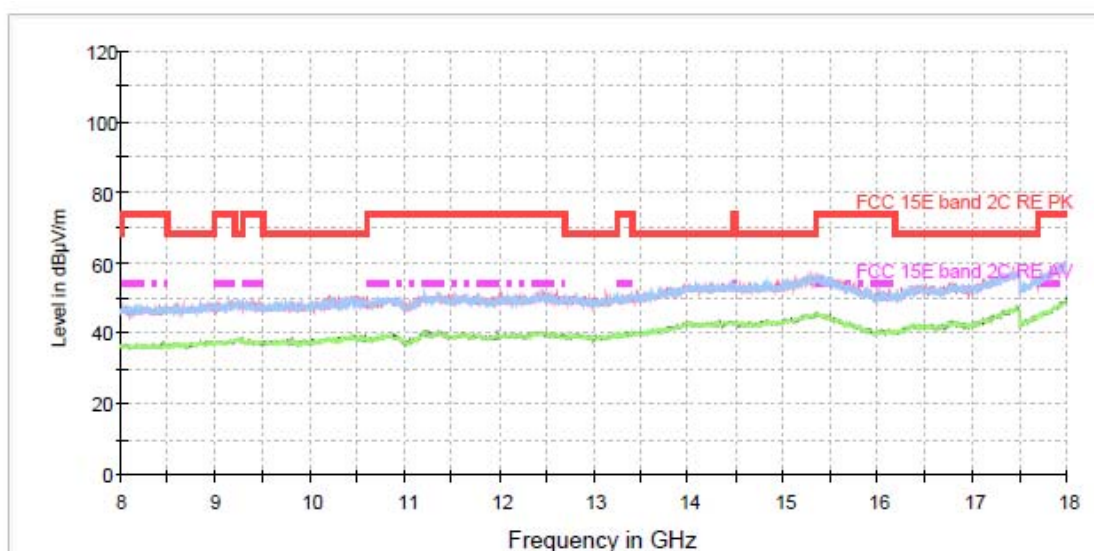
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1031.500000	31.40	---	68.20	36.80	200.0	V	120.0	-18.7
1274.750000	32.43	---	68.20	35.77	200.0	H	151.0	-17.4
1361.375000	---	21.18	54.00	32.82	200.0	H	56.0	-16.9
1548.625000	---	21.74	54.00	32.26	200.0	H	146.0	-15.9
1800.625000	34.62	---	68.20	33.58	200.0	H	267.0	-14.5
2235.500000	---	24.09	54.00	29.91	100.0	H	76.0	-12.6
2637.125000	37.10	---	68.20	31.10	200.0	V	218.0	-10.8
2807.750000	---	25.73	54.00	28.27	200.0	H	169.0	-9.9
3140.250000	37.74	---	68.20	30.46	200.0	H	228.0	-8.4
3704.625000	---	27.25	54.00	26.75	200.0	H	349.0	-6.9
4237.500000	---	28.34	54.00	25.66	200.0	H	0.0	-5.5
4491.250000	41.32	---	68.20	26.88	200.0	V	20.0	-5.0

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

802.11ac (HT80) CH122



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



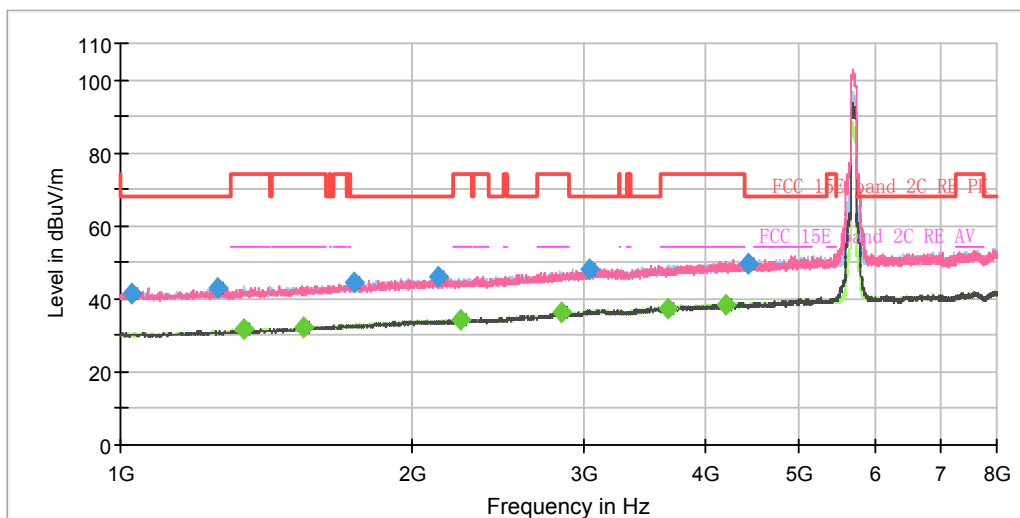
Radiates Emission from 8GHz to 18GHz



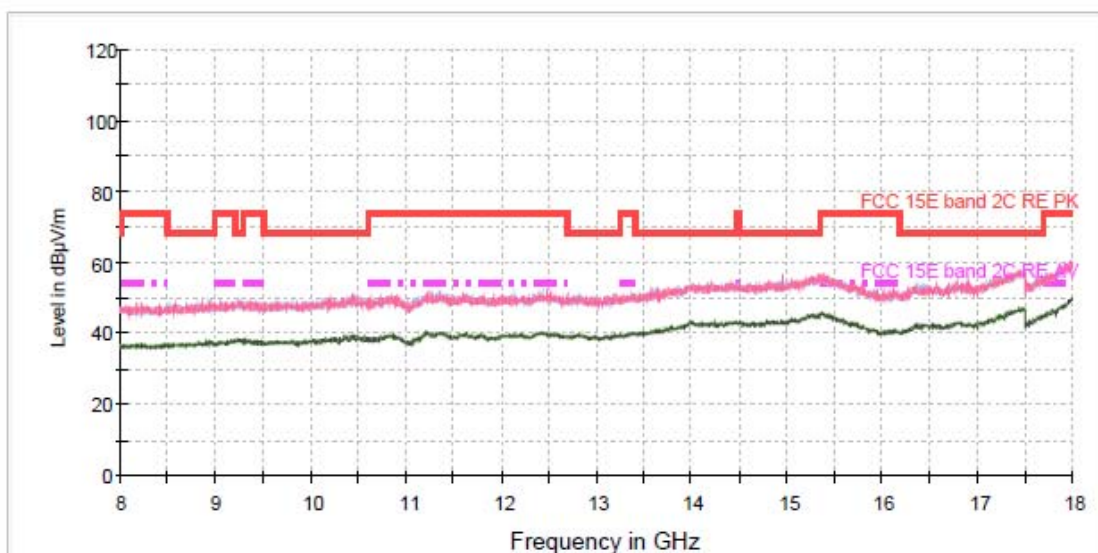
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1029.750000	41.07	---	68.20	27.13	200.0	H	236.0	-8.7
1259.875000	42.01	---	68.20	26.19	200.0	V	284.0	-7.5
1351.750000	---	31.08	54.00	22.92	200.0	H	32.0	-7.0
1592.375000	---	32.23	54.00	21.77	200.0	H	101.0	-5.6
1777.000000	44.32	---	68.20	23.88	200.0	V	22.0	-4.6
2255.625000	---	33.88	54.00	20.12	200.0	H	170.0	-2.4
2619.625000	46.31	---	68.20	21.89	100.0	V	52.0	-0.9
2818.250000	---	35.59	54.00	18.41	100.0	H	278.0	0.2
3502.500000	48.46	---	68.20	19.74	100.0	H	350.0	2.3
3708.125000	---	37.07	54.00	16.93	200.0	H	95.0	3.1
4267.250000	---	38.23	54.00	15.77	100.0	H	333.0	4.5
4458.875000	50.19	---	68.20	18.01	200.0	H	49.0	4.9

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

802.11ac (HT80) CH138



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



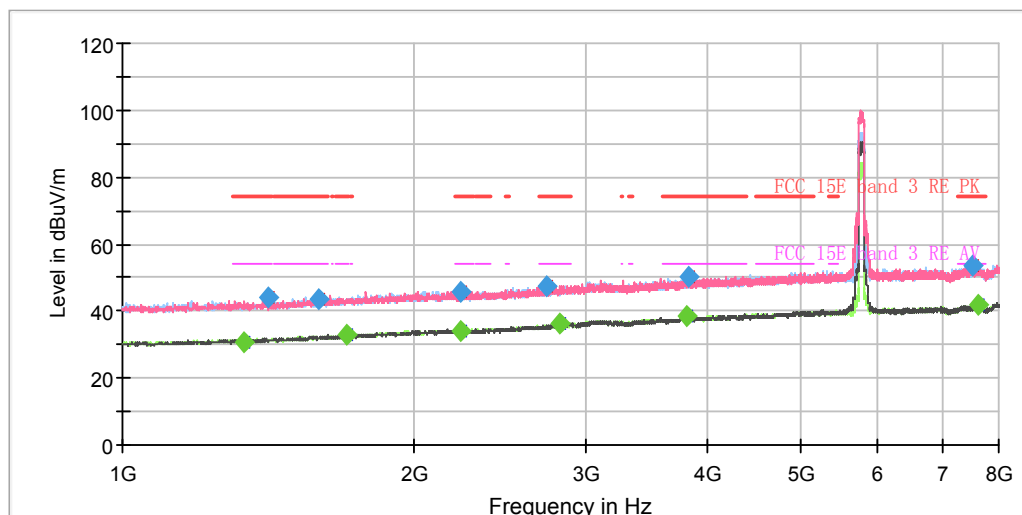
Radiates Emission from 8GHz to 18GHz



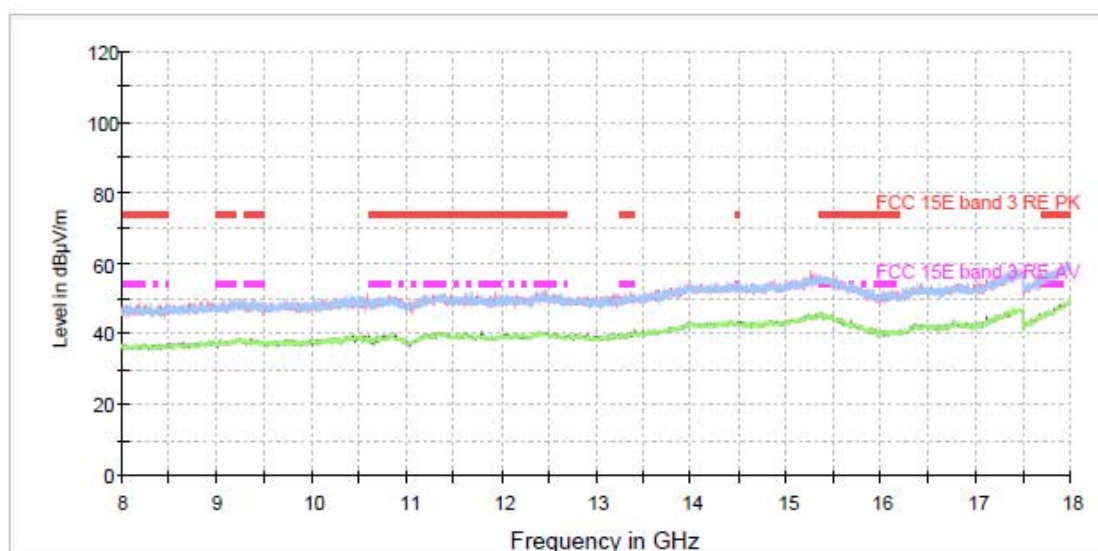
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1027.125000	41.69	---	68.20	26.51	200.0	V	315.0	-8.8
1261.625000	42.81	---	68.20	25.39	200.0	H	0.0	-7.5
1341.250000	---	31.47	54.00	22.53	200.0	H	324.0	-7.0
1546.875000	---	32.04	54.00	21.96	100.0	H	168.0	-6.0
1743.750000	44.37	---	68.20	23.83	200.0	H	65.0	-4.8
2125.250000	46.11	---	68.20	22.09	100.0	H	191.0	-2.9
2239.875000	---	34.45	54.00	19.56	100.0	V	30.0	-2.5
2841.000000	---	36.09	54.00	17.91	100.0	H	258.0	0.3
3041.375000	48.31	---	68.20	19.89	100.0	H	146.0	1.4
3672.250000	---	37.20	54.00	16.80	100.0	H	325.0	3.0
4200.750000	---	38.23	54.00	15.77	100.0	H	51.0	4.4
4436.125000	49.81	---	68.20	18.39	100.0	H	335.0	4.9

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

802.11ac (HT80) CH155



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



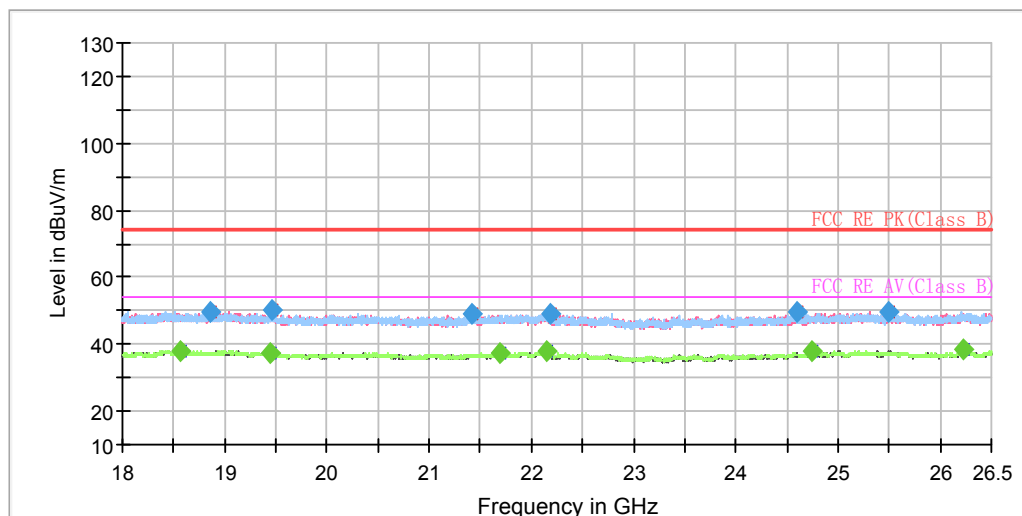
Radiates Emission from 8GHz to 18GHz



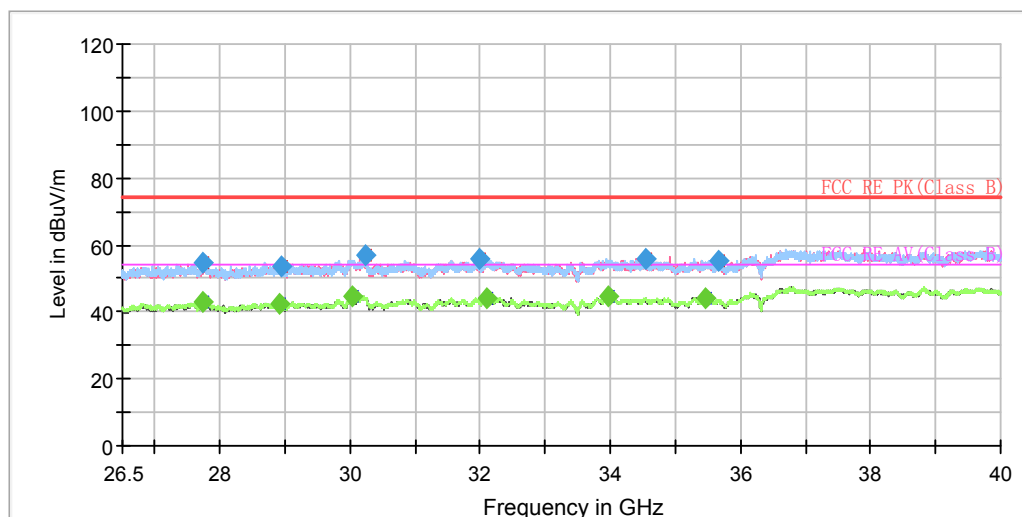
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1331.625000	---	30.91	54.00	23.09	100.0	H	253.0	-7.1
1414.750000	44.02	---	74.00	29.98	100.0	V	243.0	-6.6
1594.125000	43.53	---	74.00	30.47	200.0	H	298.0	-5.6
1704.375000	---	33.01	54.00	20.99	100.0	V	209.0	-5.0
2232.875000	---	34.29	54.00	19.71	200.0	H	101.0	-2.6
2234.625000	46.02	---	74.00	27.98	100.0	H	41.0	-2.6
2730.750000	47.70	---	74.00	26.30	100.0	V	266.0	-0.3
2822.625000	---	36.21	54.00	17.79	100.0	V	323.0	0.2
3815.750000	---	38.57	54.00	15.43	200.0	V	289.0	3.5
3835.000000	49.99	---	74.00	24.01	200.0	H	18.0	3.6
7527.500000	53.30	---	74.00	20.70	100.0	V	115.0	9.9
7609.750000	---	41.92	54.00	12.08	200.0	H	35.0	10.1

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

During the test, the Radiates Emission from 18GHz to 40GHz was performed in all modes with all channels, 802.11n (HT40), Channel 102 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



Radiates Emission from 26.5GHz to 40GHz



Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
18568.437500	---	38.11	54.00	15.89	200.0	V	15.0	-4.9
18859.562500	49.74	---	74.00	24.26	200.0	H	26.0	-4.6
19447.125000	---	37.62	54.00	16.38	100.0	H	48.0	-4.4
19456.687500	50.27	---	74.00	23.73	100.0	V	237.0	-4.4
21411.687500	48.96	---	74.00	25.04	200.0	H	228.0	-2.9
21700.687500	---	37.35	54.00	16.65	200.0	H	155.0	-2.4
22151.187500	---	37.78	54.00	16.22	100.0	H	277.0	-2.1
22178.812500	49.34	---	74.00	24.66	200.0	H	83.0	-2.1
24602.375000	49.45	---	74.00	24.55	100.0	H	188.0	-0.8
24737.312500	---	37.64	54.00	16.36	200.0	V	110.0	-0.6
25498.062500	49.75	---	74.00	24.25	200.0	H	260.0	-0.6
26224.812500	---	38.29	54.00	15.71	100.0	H	211.0	-0.6

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

5.6. Conducted Emission

Ambient condition

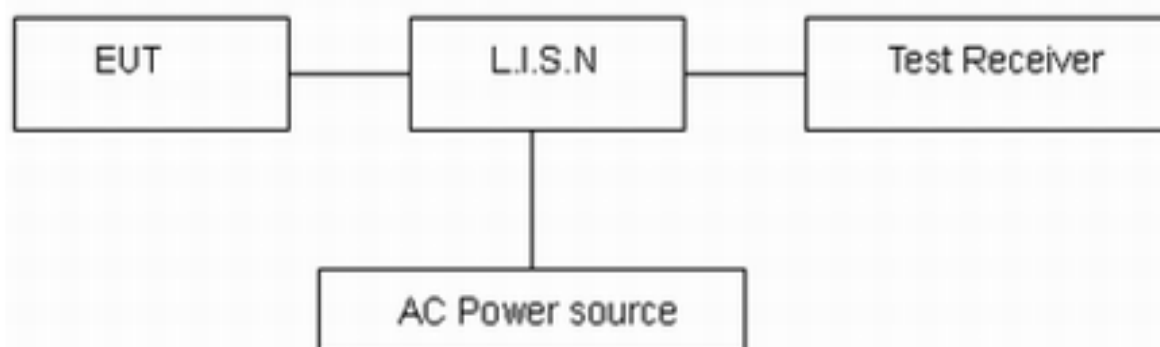
Temperature	Relative humidity	Pressure
23°C ~25°C	45%~50%	101.5kPa

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 C63.10-2013. Connect the AC power line of the EUT to the LISN Use EMI receiver to detect the average and Quasi-peak value. RBW is set to 9kHz, 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

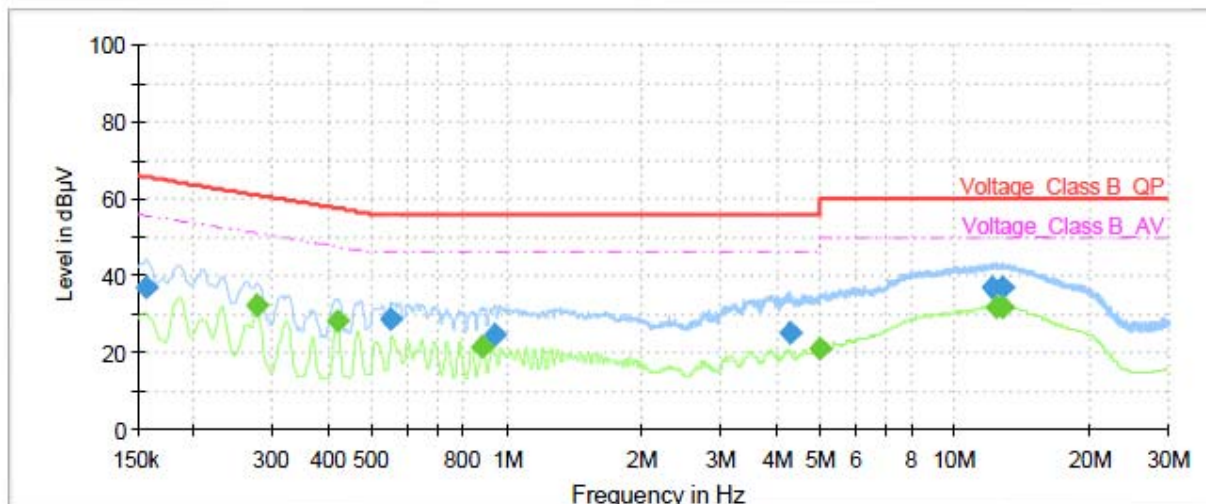
Frequency (MHz)	Conducted Limits(dBμV)	
	Quasi-peak	Average
0.15 - 0.5	66 to 56 *	56 to 46 *
0.5 - 5	56	46
5 - 30	60	50
*: Decreases with the logarithm of the frequency.		

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:

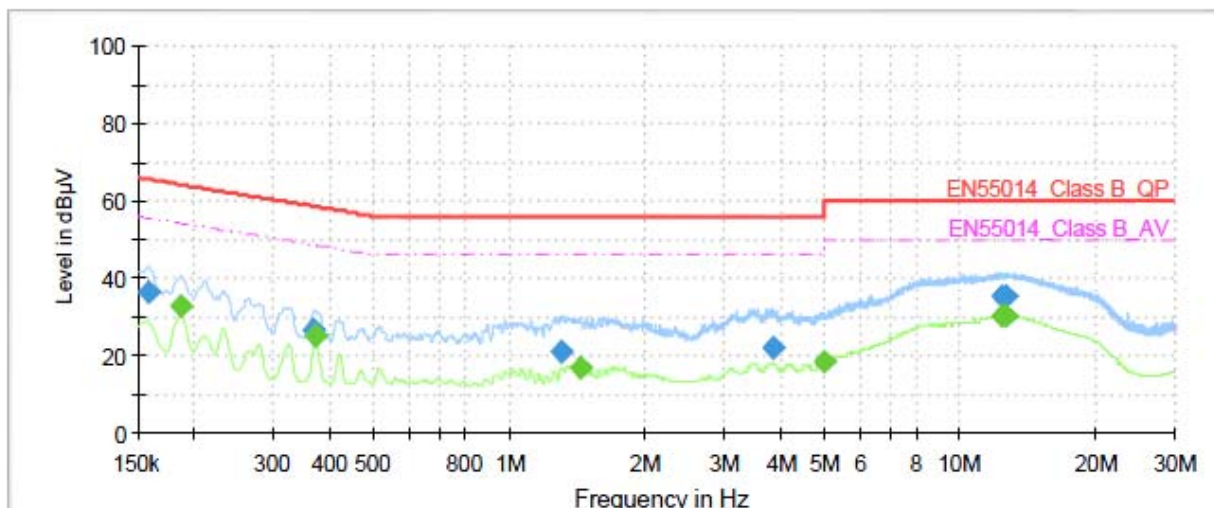
Following plots, Blue trace uses the peak detection and Green trace uses the average detection. During the test, the Conducted Emission was performed in all modes with all channels, 802.11a, Channel 36 are selected as the worst condition. The test data of the worst-case condition was recorded in this report.



Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.16	36.78	---	65.63	28.85	70.0	9.000	L1	ON	21
0.28	---	32.25	50.94	18.69	70.0	9.000	L1	ON	21
0.42	---	28.39	47.49	19.10	70.0	9.000	L1	ON	20
0.55	28.53	---	56.00	27.47	70.0	9.000	L1	ON	20
0.88	---	21.62	46.00	24.38	70.0	9.000	L1	ON	20
0.94	24.60	---	56.00	31.40	70.0	9.000	L1	ON	20
4.27	25.22	---	56.00	30.78	70.0	9.000	L1	ON	19
5.00	---	20.77	46.00	25.23	70.0	9.000	L1	ON	19
12.12	36.97	---	60.00	23.03	70.0	9.000	L1	ON	20
12.37	---	31.82	50.00	18.18	70.0	9.000	L1	ON	20
12.73	---	31.80	50.00	18.20	70.0	9.000	L1	ON	20
12.85	37.00	---	60.00	23.00	70.0	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)
0.16	36.61	---	65.52	28.91	70.0	9.000	N	ON	21
0.19	---	33.07	54.21	21.14	70.0	9.000	N	ON	21
0.37	26.69	---	58.54	31.85	70.0	9.000	N	ON	21
0.37	---	25.16	48.49	23.33	70.0	9.000	N	ON	21
1.31	21.01	---	56.00	34.99	70.0	9.000	N	ON	20
1.43	---	17.15	46.00	28.85	70.0	9.000	N	ON	20
3.84	22.00	---	56.00	34.00	70.0	9.000	N	ON	19
4.99	---	18.51	46.00	27.49	70.0	9.000	N	ON	19
12.34	35.19	---	60.00	24.81	70.0	9.000	N	ON	20
12.36	---	30.29	50.00	19.71	70.0	9.000	N	ON	20
12.68	---	30.15	50.00	19.85	70.0	9.000	N	ON	20
12.70	35.31	---	60.00	24.69	70.0	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	FSV40	15195-01-00	2020-05-18	2021-05-17
EMI Test Receiver	R&S	ESCI	100948	2020-05-18	2021-05-17
Loop Antenna	SCHWARZBECK	FMZB1519	1519-047	2020-04-02	2023-04-01
TRILOG Broadband Antenna	SCHWARZBECK	VULB 9163	391	2019-12-16	2021-12-15
Horn Antenna	R&S	HF907	102723	2018-08-11	2021-08-10
Horn Antenna	ETS-Lindgren	3160-09	00102643	2018-06-20	2021-06-19
Standard Gain Horn	STEATITE	QSH-SL-26-40 -K-15	16779	2019-12-24	2022-12-23
Broadband Horn Antenna	SCHWARZBECK	BBHA 9120D	430	2018-07-07	2021-07-06
EMI Test Receiver	R&S	ESR	101667	2020-05-18	2021-05-17
LISN	R&S	ENV216	101171	2018-12-15	2021-12-14
Spectrum Analyzer	KEYSIGHT	N9020A	MY54420163	2020-12-13	2021-12-12
RF Cable	Agilent	SMA 15cm	0001	2020-12-11	2022-06-10
TEMPERATURE CHAMBER	WEISS	VT4002	582261194500 10	2020-05-18	2021-05-17
WLAN AP	Cisco	Air-AP1262N- A-K9	LDK102073 (FCC ID)	/	/
Power Meter	R&S	NRP2	104306	2020-05-18	2021-05-17
Power Sensor	R&S	NRP-Z21	104799	2020-05-18	2021-05-17
DC Power Supply	GWINSTEK	GPS-3030D	GEP882653	2020-05-18	2021-05-17
Software	R&S	EMC32	9.26.0	/	/

*****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.



ANNEX C: Product Change Description

The Product Change Description are submitted separately.