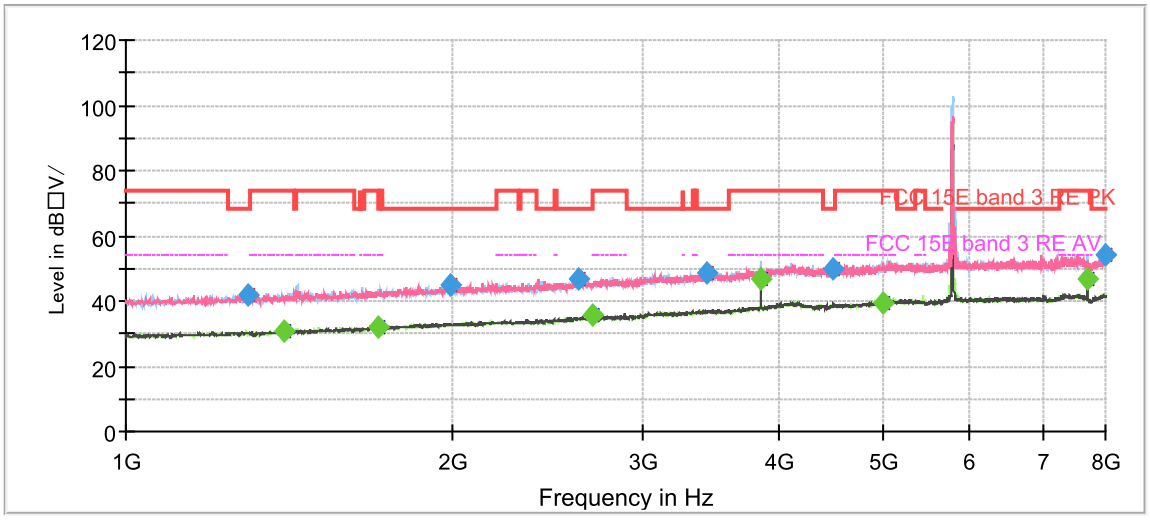
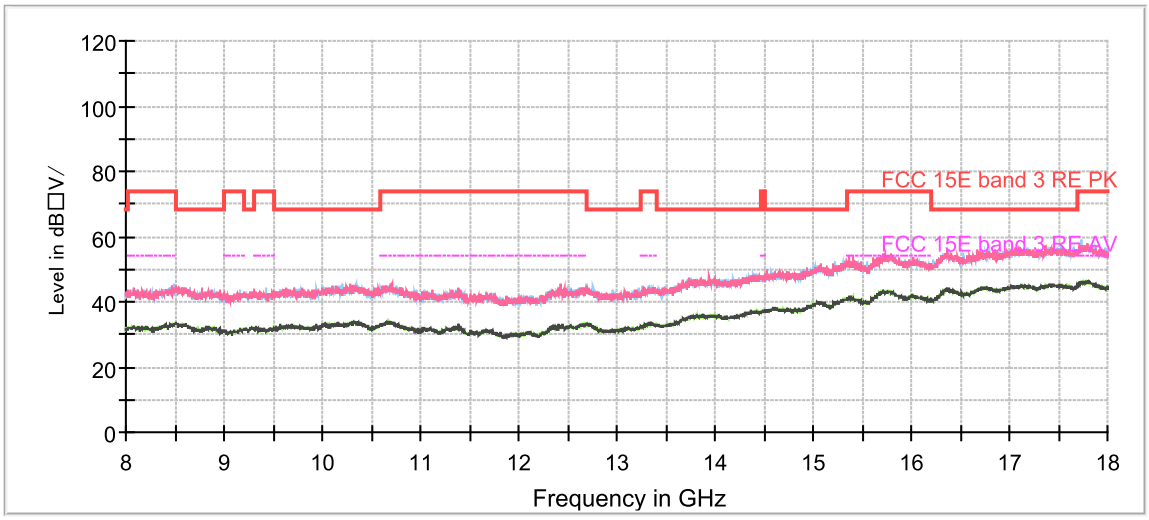
802.11n (HT20) CH157



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

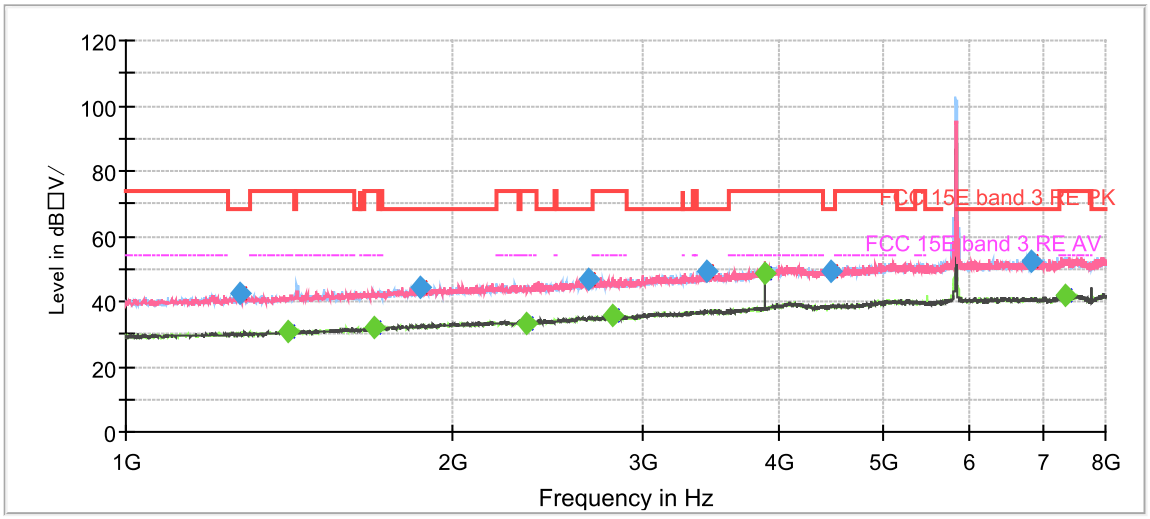


Radiates Emission from 8GHz to 18GHz

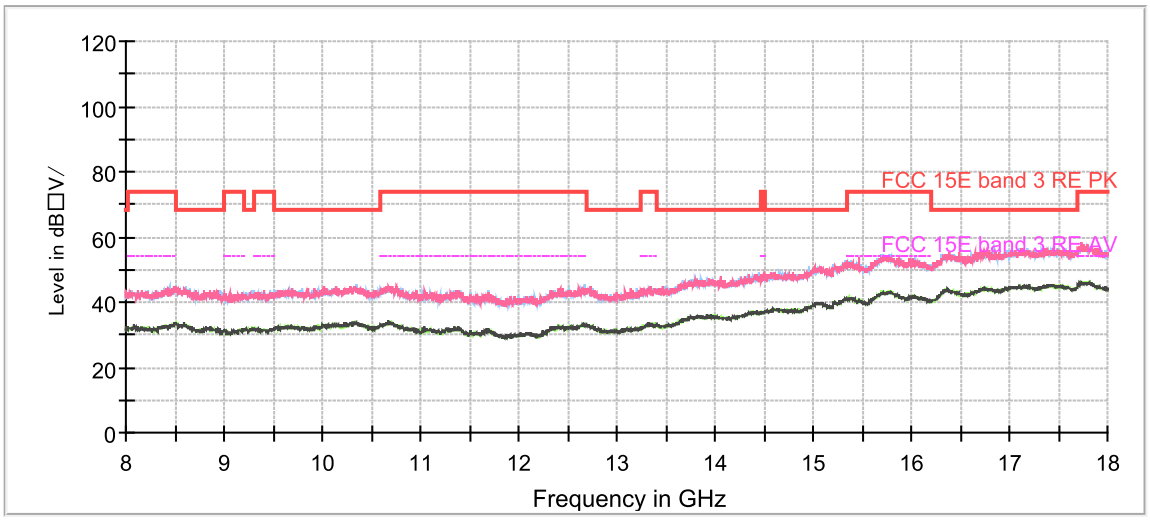
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1295.750000	41.64	---	68.20	26.56	100.0	H	4.0	-6.8
1399.875000	---	30.89	54.00	23.11	100.0	V	324.0	-6.2
1707.000000	---	32.04	54.00	21.96	200.0	V	215.0	-4.4
1989.625000	44.74	---	68.20	23.46	100.0	V	0.0	-2.7
2618.750000	46.73	---	68.20	21.47	200.0	V	111.0	0.1
2694.875000	---	35.49	54.00	18.51	100.0	V	293.0	0.5
3427.250000	48.85	---	68.20	19.35	200.0	V	52.0	3.5
3856.875000	---	46.48	54.00	7.52	200.0	H	59.0	5.3
4477.250000	49.85	---	68.20	18.35	100.0	H	40.0	6.4
4983.000000	---	39.65	54.00	14.35	200.0	H	126.0	8.6
7713.875000	---	46.62	54.00	7.38	200.0	V	300.0	11.3
7983.375000	53.99	---	68.20	14.21	200.0	V	281.0	11.9

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

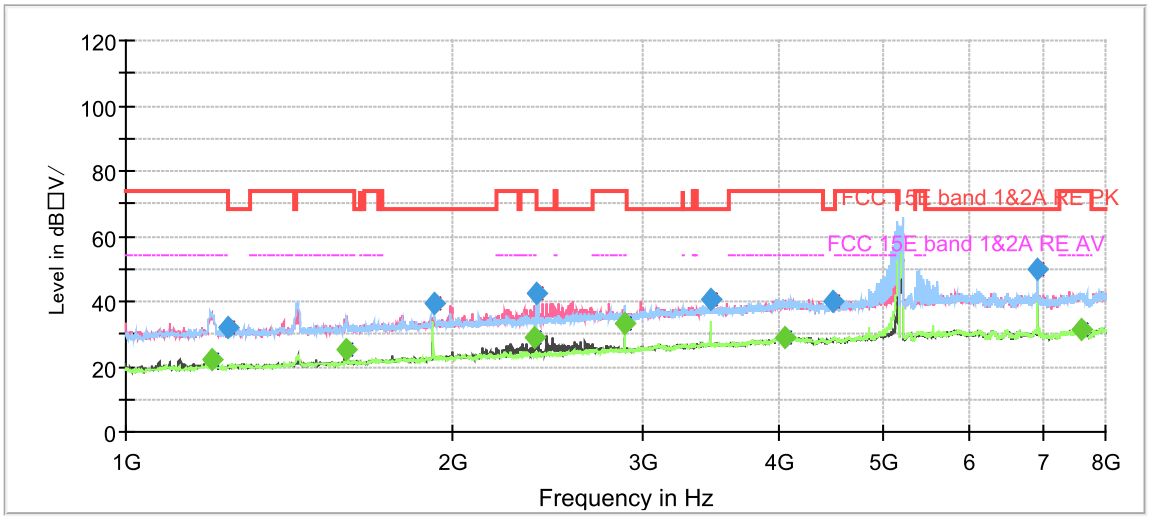


Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1273.875000	42.20	---	68.20	26.00	100.0	H	97.0	-6.9
1411.250000	---	30.72	54.00	23.28	100.0	V	2.0	-6.1
1692.125000	---	32.06	54.00	21.94	200.0	V	92.0	-4.5
1864.500000	44.43	---	68.20	23.77	200.0	V	228.0	-3.5
2337.000000	---	33.53	54.00	20.47	100.0	V	286.0	-1.4
2674.750000	46.70	---	68.20	21.50	200.0	V	240.0	0.5
2810.375000	---	35.47	54.00	18.53	100.0	V	195.0	1.0
3438.625000	49.00	---	68.20	19.20	100.0	H	241.0	3.5
3883.125000	---	48.39	54.00	5.61	200.0	H	61.0	5.4
4467.625000	49.26	---	68.20	18.94	200.0	H	280.0	6.4
6849.375000	52.56	---	68.20	15.64	100.0	V	269.0	10.6
7342.875000	---	41.98	54.00	12.02	100.0	V	235.0	11.4

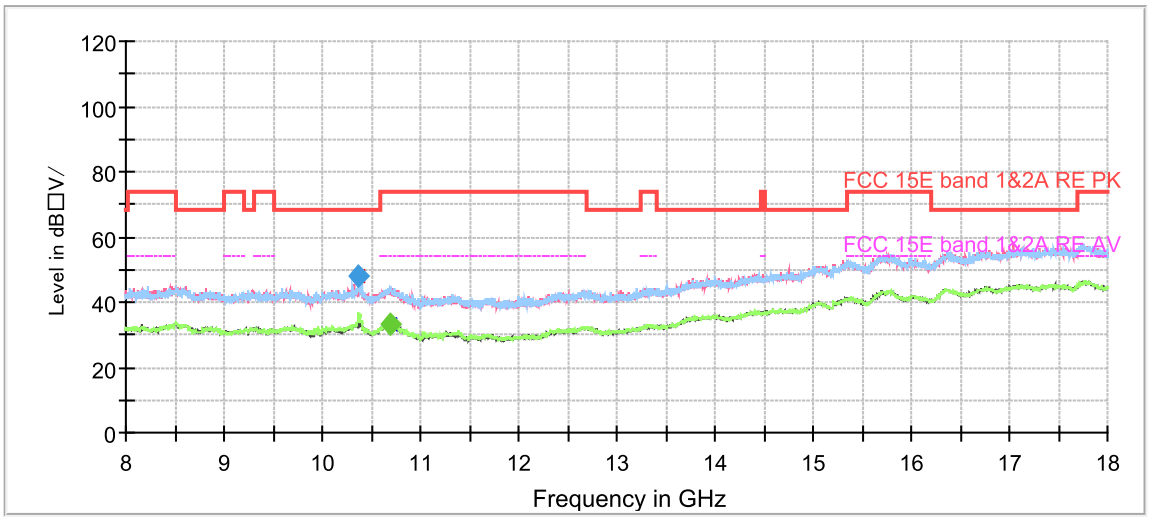
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

802.11n (HT40) CH38



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

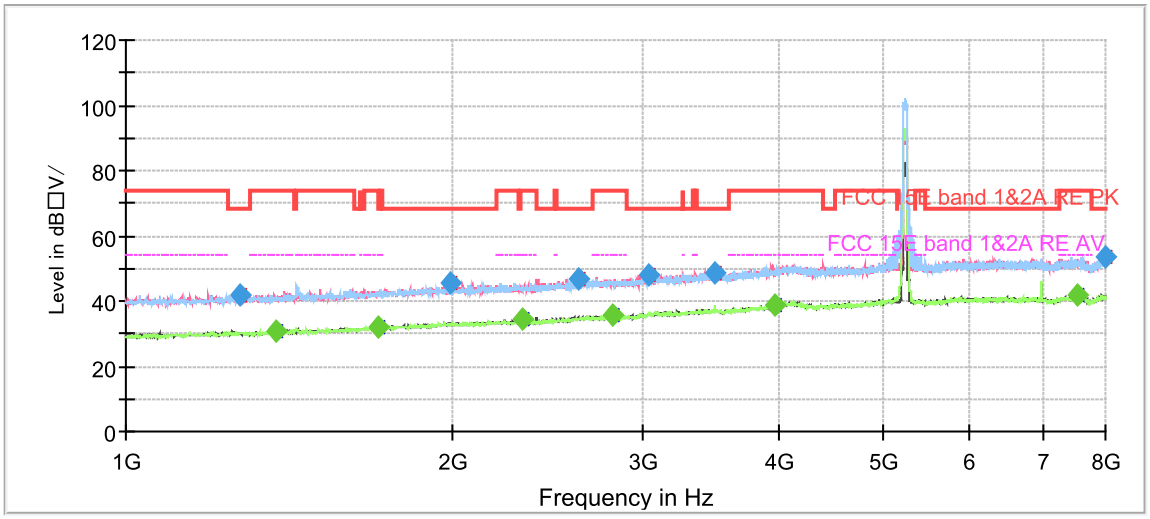


Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1199.500000	---	22.20	54.00	31.80	200.0	H	16.0	-17.3
1243.250000	31.89	---	68.20	36.31	100.0	V	11.0	-17.1
1599.375000	---	25.20	54.00	28.80	100.0	V	161.0	-15.0
1922.250000	39.59	---	68.20	28.61	200.0	H	310.0	-13.2
2385.125000	---	28.65	54.00	25.35	200.0	V	188.0	-11.2
2394.750000	42.44	---	68.20	25.76	200.0	V	331.0	-11.2
2879.500000	---	33.01	54.00	20.99	200.0	H	332.0	-8.8
3459.625000	40.69	---	68.20	27.51	100.0	H	110.0	-6.4
4048.500000	---	28.68	54.00	25.32	200.0	V	350.0	-3.5
4484.250000	40.09	---	68.20	28.11	200.0	H	139.0	-3.6
6920.250000	50.03	---	68.20	18.17	200.0	H	139.0	0.7
7595.750000	---	31.48	54.00	22.52	100.0	H	256.0	1.4

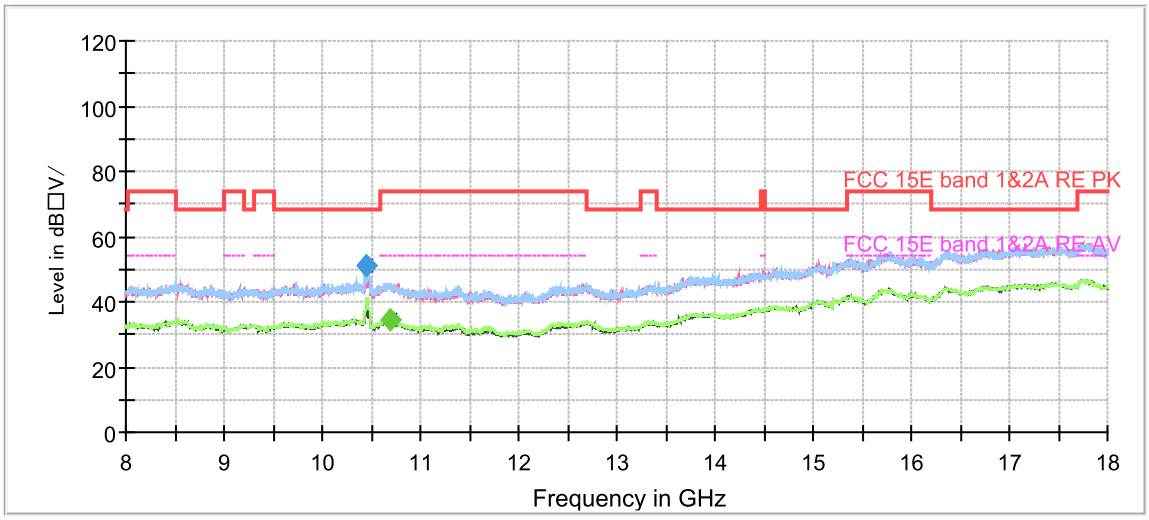
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

802.11n (HT40) CH46



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

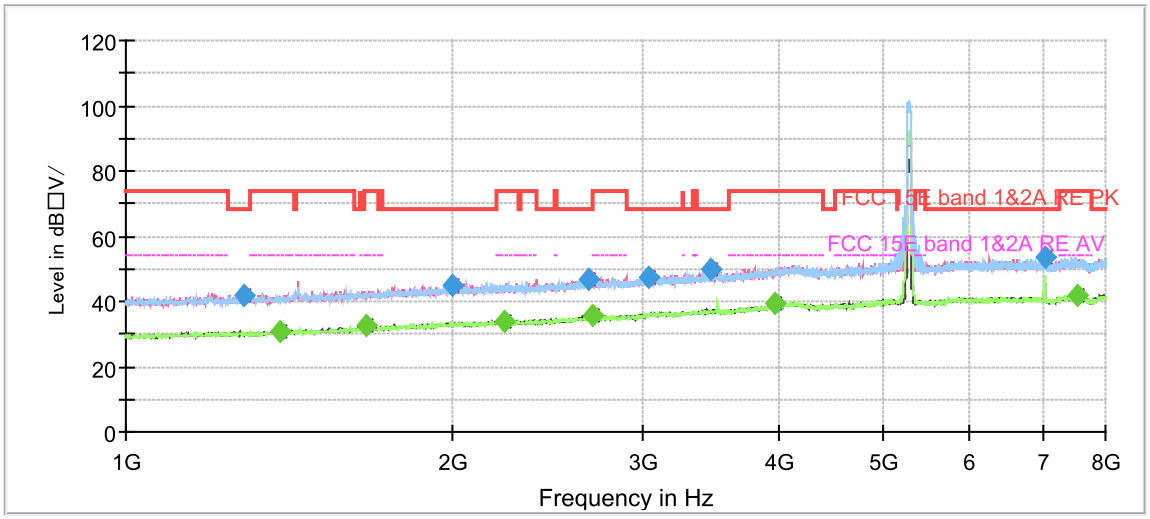


Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1274.750000	41.93	---	68.20	26.27	100.0	H	111.0	-6.9
1377.125000	---	30.98	54.00	23.02	100.0	H	19.0	-6.3
1707.000000	---	32.06	54.00	21.94	100.0	V	263.0	-4.4
1989.625000	45.63	---	68.20	22.57	200.0	V	99.0	-2.7
2324.750000	---	34.17	54.00	19.83	200.0	V	157.0	-1.4
2612.625000	46.71	---	68.20	21.49	100.0	V	313.0	0.1
2805.125000	---	35.78	54.00	18.22	200.0	V	7.0	1.0
3032.625000	47.76	---	68.20	20.44	100.0	V	307.0	2.2
3486.750000	48.89	---	68.20	19.31	200.0	H	261.0	3.7
3974.125000	---	38.87	54.00	15.13	100.0	V	113.0	6.0
7541.500000	---	41.80	54.00	12.20	100.0	H	7.0	11.5
7997.375000	53.30	---	68.20	14.90	100.0	V	191.0	11.9

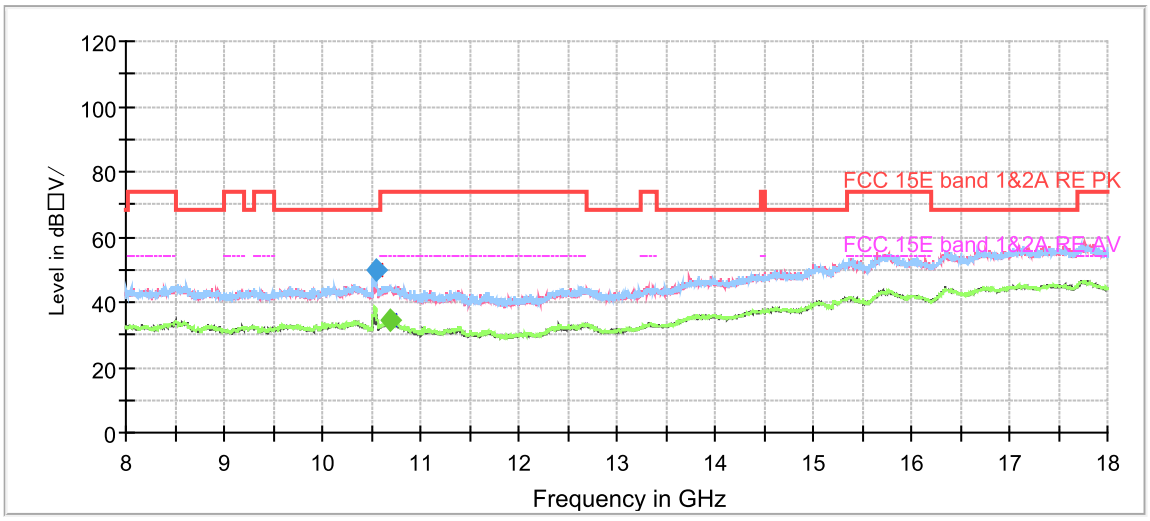
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

802.11n (HT40) CH54



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

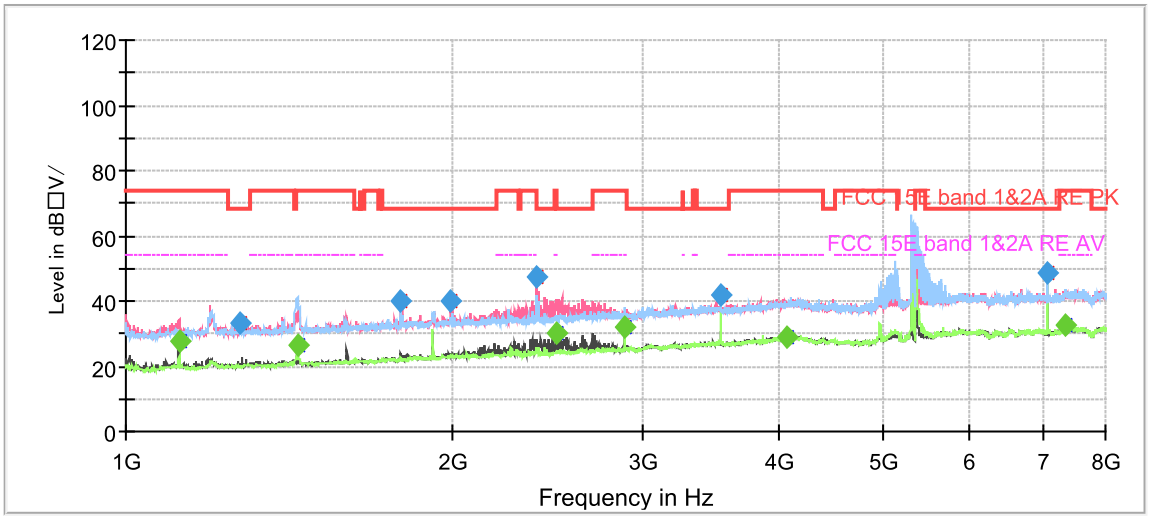


Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1287.875000	41.70	---	68.20	26.50	200.0	V	108.0	-6.8
1390.250000	---	30.93	54.00	23.07	200.0	V	114.0	-6.2
1665.875000	---	32.32	54.00	21.68	100.0	V	337.0	-4.7
1998.375000	44.72	---	68.20	23.48	100.0	H	270.0	-2.7
2237.250000	---	33.62	54.00	20.38	100.0	V	342.0	-1.7
2673.000000	46.71	---	68.20	21.49	100.0	V	284.0	0.4
2693.125000	---	35.57	54.00	18.43	200.0	V	135.0	0.5
3034.375000	47.69	---	68.20	20.52	100.0	V	342.0	2.2
3466.625000	49.56	---	68.20	18.64	100.0	V	256.0	3.6
3959.250000	---	39.13	54.00	14.87	200.0	V	158.0	5.9
7027.000000	53.64	---	68.20	14.56	100.0	H	350.0	10.9
7545.000000	---	41.82	54.00	12.18	100.0	H	118.0	11.5

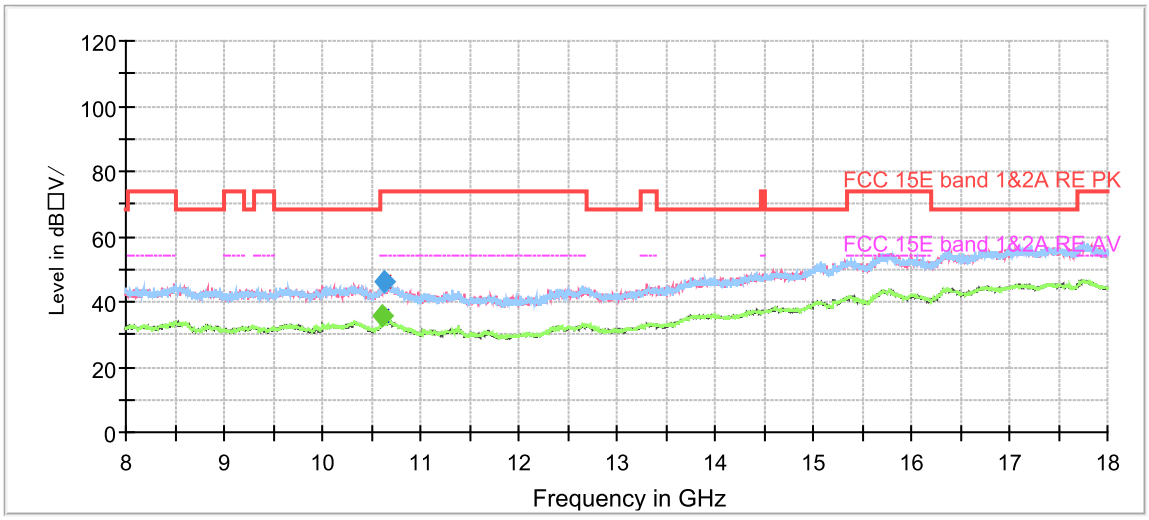
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

802.11n (HT40) CH62



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

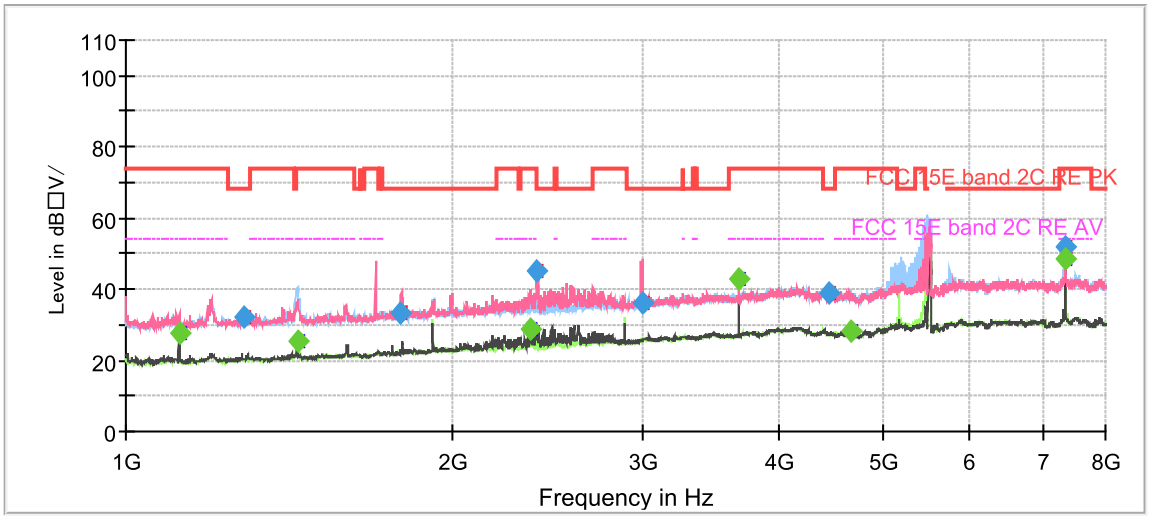


Radiates Emission from 8GHz to 18GHz

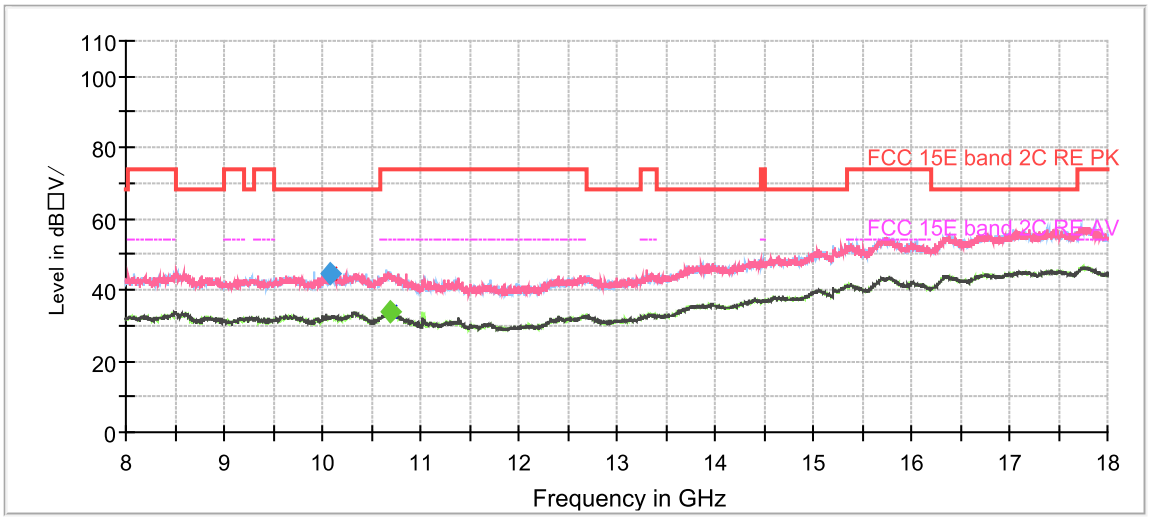
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1119.875000	---	27.65	54.00	26.35	100.0	V	109.0	-17.7
1274.750000	32.98	---	68.20	35.22	100.0	V	277.0	-16.9
1439.250000	---	26.34	54.00	27.66	100.0	V	283.0	-15.9
1791.875000	39.86	---	68.20	28.34	200.0	V	245.0	-13.9
1994.000000	40.09	---	68.20	28.11	100.0	V	53.0	-12.7
2394.750000	47.59	---	68.20	20.61	200.0	V	239.0	-11.2
2498.875000	---	30.32	54.00	23.69	200.0	V	97.0	-10.6
2879.500000	---	31.99	54.00	22.01	100.0	H	87.0	-8.8
3540.125000	41.58	---	68.20	26.62	100.0	H	75.0	-6.2
4075.625000	---	28.95	54.00	25.05	200.0	V	274.0	-3.4
7080.375000	48.31	---	68.20	19.89	100.0	H	75.0	1.0
7339.375000	---	32.36	54.00	21.64	200.0	H	274.0	1.4

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

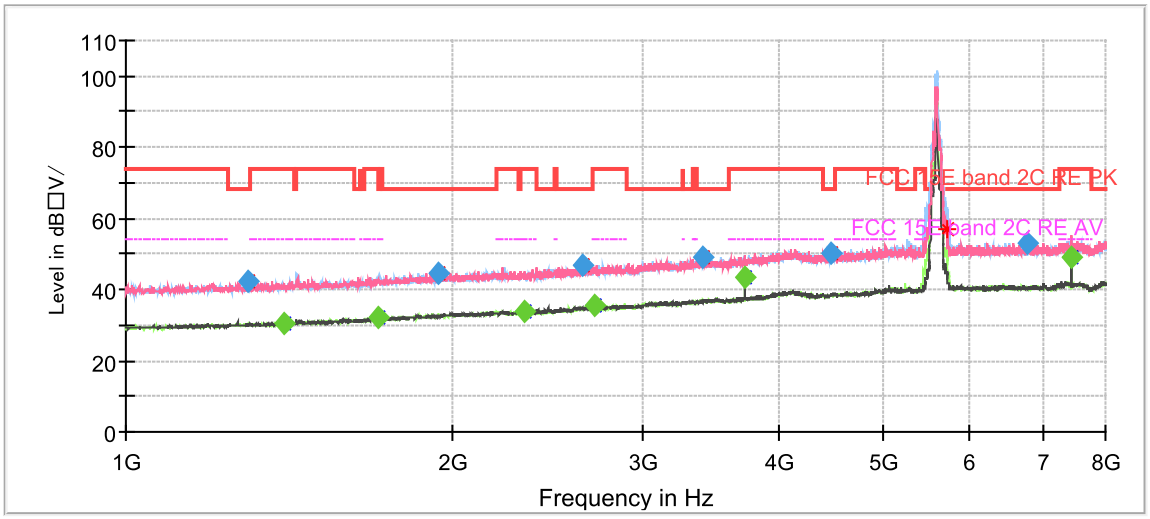


Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1119.875000	---	27.43	54.00	26.57	100.0	V	107.0	-17.7
1283.500000	32.26	---	68.20	35.94	100.0	V	0.0	-16.8
1439.250000	---	25.59	54.00	28.41	100.0	V	71.0	-15.9
1790.125000	33.26	---	68.20	34.94	200.0	H	0.0	-13.9
2358.000000	---	28.63	54.00	25.37	200.0	V	233.0	-11.3
2394.750000	45.32	---	68.20	22.88	200.0	V	233.0	-11.2
2990.625000	36.32	---	68.20	31.88	100.0	H	261.0	-8.1
3673.125000	---	42.93	54.00	11.07	100.0	H	69.0	-5.6
4457.125000	38.68	---	68.20	29.52	200.0	H	22.0	-3.6
4655.750000	---	28.03	54.00	25.97	200.0	H	16.0	-3.0
7347.250000	51.69	---	74.00	22.31	200.0	V	17.0	1.5
7347.250000	---	48.78	54.00	5.22	100.0	H	341.0	1.5

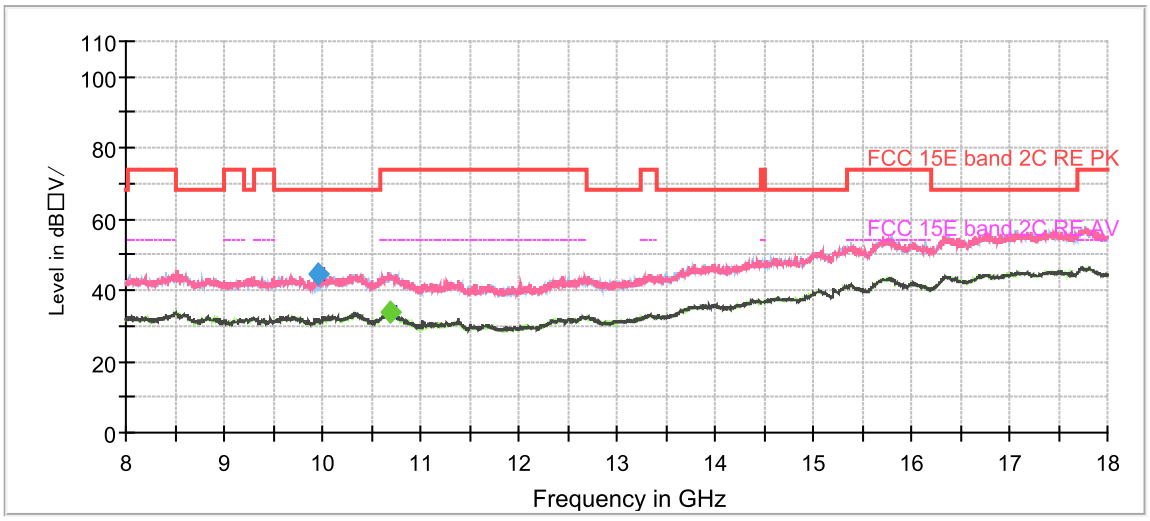
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

802.11n (HT40) CH118



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

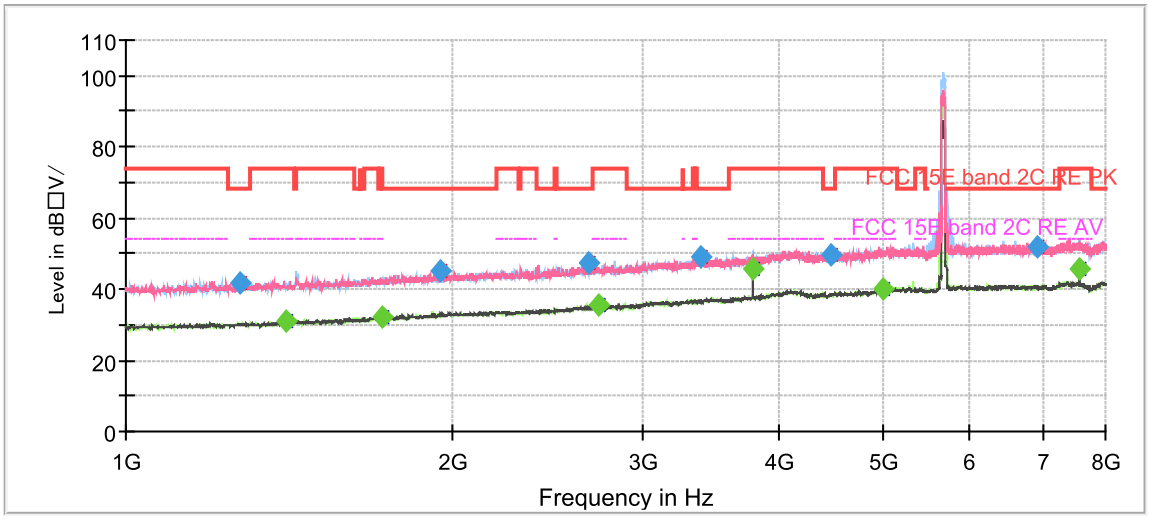


Radiates Emission from 8GHz to 18GHz

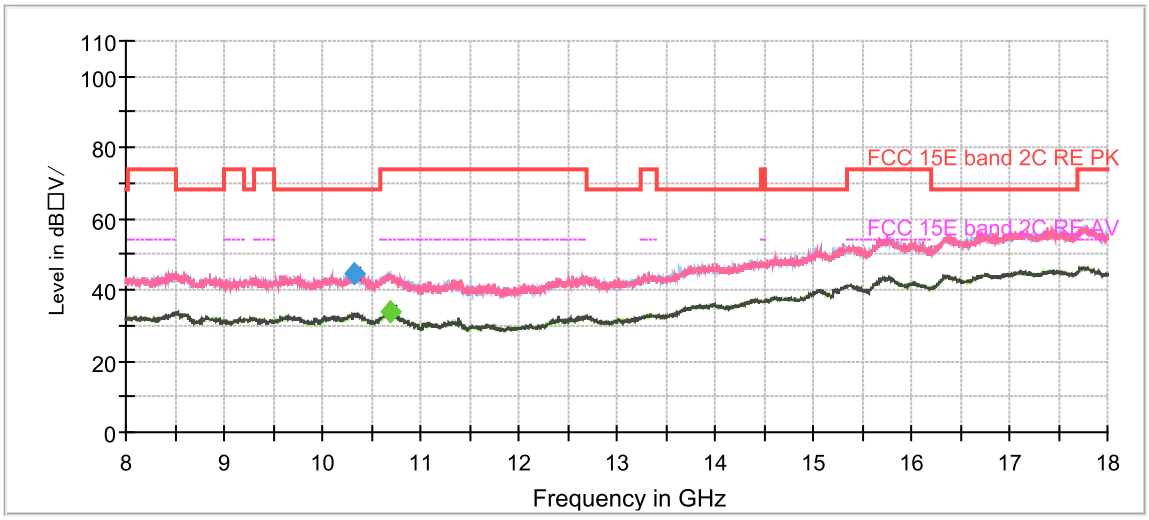
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1298.375000	42.10	---	68.20	26.10	100.0	V	156.0	-6.8
1396.375000	---	30.69	54.00	23.31	100.0	V	296.0	-6.2
1707.000000	---	31.89	54.00	22.11	100.0	V	278.0	-4.4
1941.500000	44.72	---	68.20	23.48	200.0	H	261.0	-3.0
2328.250000	---	33.66	54.00	20.34	100.0	V	120.0	-1.4
2641.500000	46.98	---	68.20	21.22	200.0	V	252.0	0.3
2709.750000	---	35.39	54.00	18.61	100.0	V	0.0	0.6
3399.250000	49.04	---	68.20	19.16	200.0	V	74.0	3.4
3726.500000	---	43.70	54.00	10.30	100.0	H	64.0	4.6
4475.500000	50.31	---	68.20	17.89	100.0	V	108.0	6.4
6773.250000	53.23	---	68.20	14.97	100.0	H	52.0	9.5
7454.000000	---	48.80	54.00	5.20	200.0	H	2.0	11.5

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

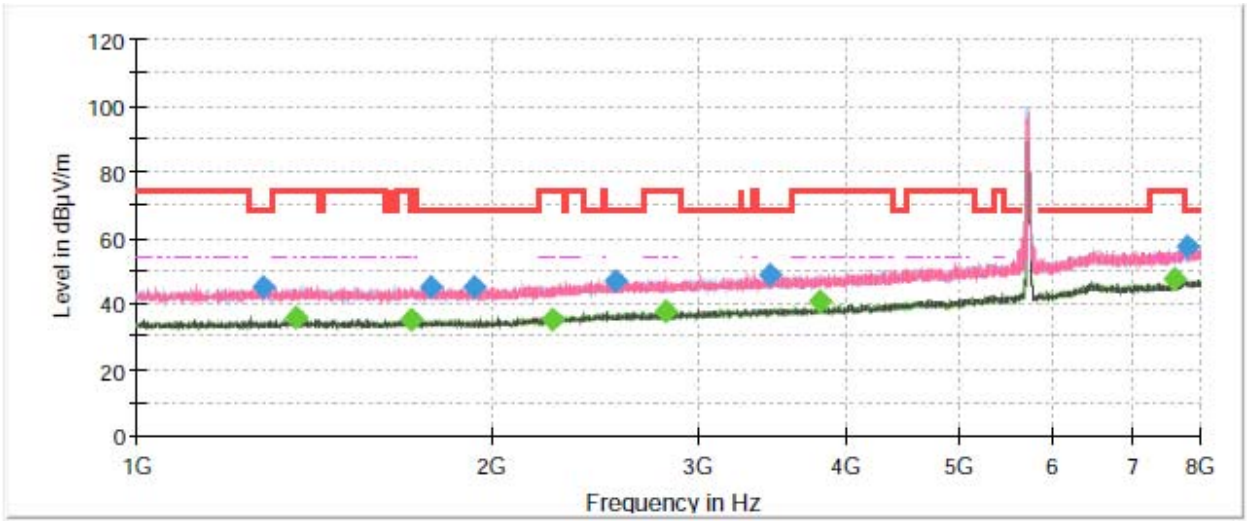


Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1276.500000	41.53	---	68.20	26.67	200.0	H	0.0	-6.8
1405.125000	---	30.81	54.00	23.19	100.0	H	132.0	-6.1
1720.125000	---	32.22	54.00	21.78	200.0	H	158.0	-4.4
1945.875000	45.03	---	68.20	23.17	100.0	V	358.0	-3.0
2673.000000	47.51	---	68.20	20.69	200.0	V	152.0	0.4
2730.750000	---	35.57	54.00	18.43	200.0	V	37.0	0.7
3390.500000	49.24	---	68.20	18.96	200.0	H	0.0	3.4
3779.875000	---	45.60	54.00	8.40	100.0	H	28.0	4.9
4462.375000	49.53	---	68.20	18.67	200.0	H	195.0	6.4
4991.750000	---	40.02	54.00	13.98	200.0	H	177.0	8.6
6925.500000	51.91	---	68.20	16.29	200.0	H	152.0	10.7
7560.750000	---	45.95	54.00	8.05	100.0	H	243.0	11.5

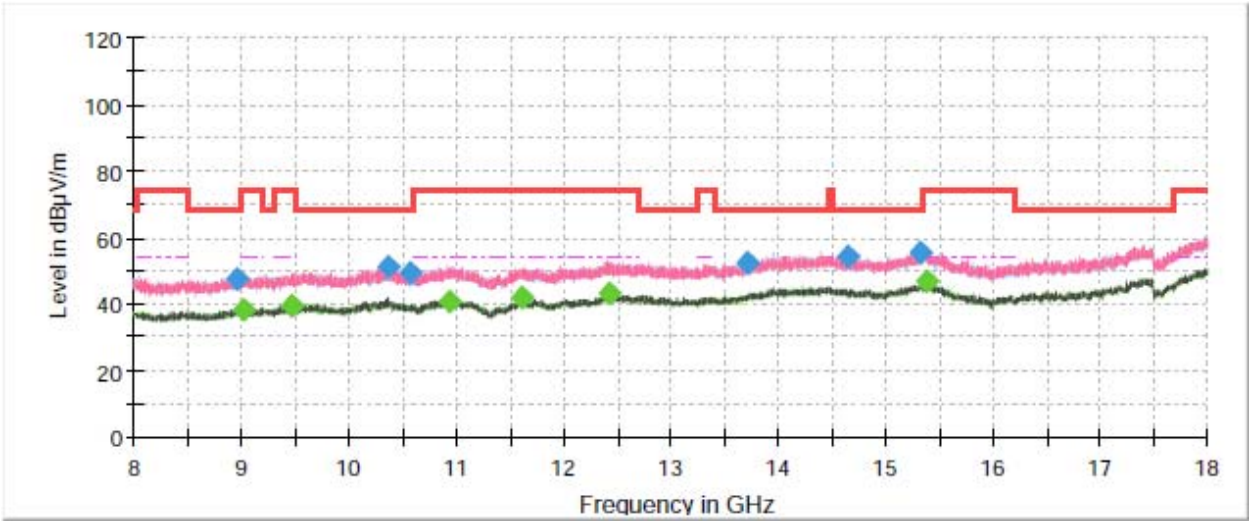
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

802.11n (HT40) CH142



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

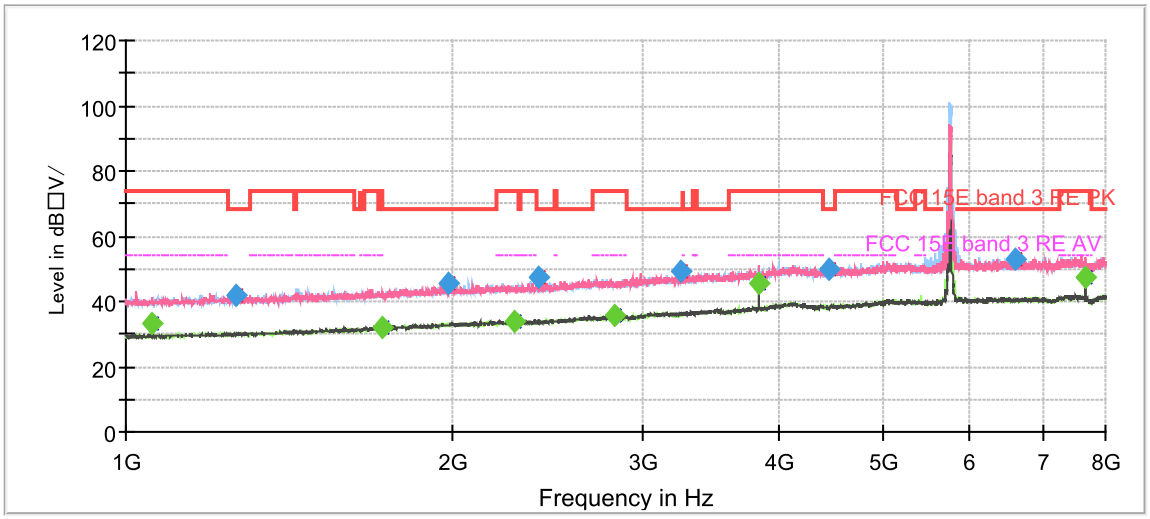


Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1278.833333	44.66	---	68.20	23.54	200.0	H	197.0	-9.9
1363.300000	---	35.77	54.00	18.23	100.0	H	54.0	-9.6
1707.000000	---	35.38	54.00	18.62	100.0	V	143.0	-8.6
1777.000000	44.64	---	68.20	23.56	200.0	H	0.0	-8.6
1931.700000	44.72	---	68.20	23.48	100.0	H	54.0	-8.3
2251.600000	---	35.27	54.00	18.73	200.0	H	0.0	-7.1
2551.433333	46.97	---	68.20	21.23	200.0	V	48.0	-6.2
2809.033333	---	37.51	54.00	16.49	200.0	V	250.0	-6.0
3451.400000	48.68	---	68.20	19.52	200.0	H	289.0	-4.8
3807.000000	---	40.31	54.00	13.69	200.0	V	0.0	-4.0
7613.366667	---	47.11	54.00	6.89	200.0	V	3.0	6.1
7798.633333	56.94	---	68.20	11.26	200.0	V	320.0	6.5

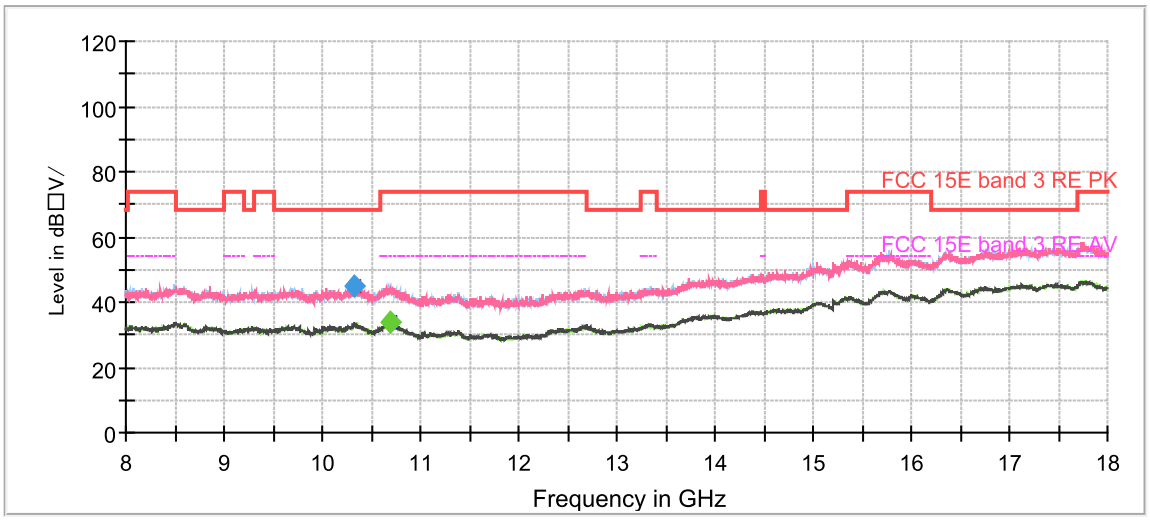
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

802.11n (HT40) CH151



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

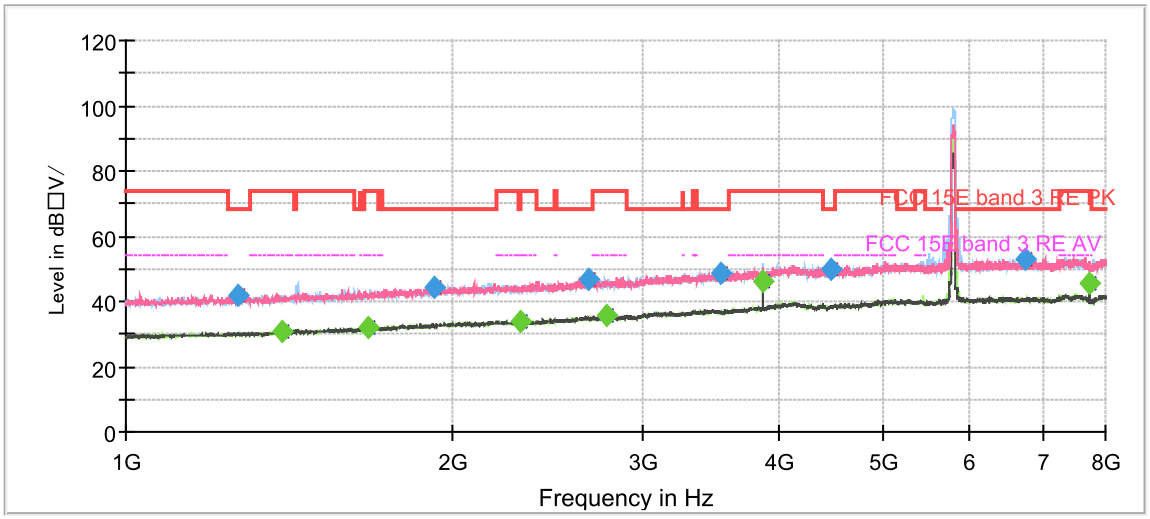


Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1055.125000	---	33.14	54.00	20.86	100.0	H	3.0	-8.1
1263.375000	41.62	---	68.20	26.58	100.0	H	188.0	-6.9
1720.125000	---	32.15	54.00	21.85	200.0	V	212.0	-4.4
1981.750000	45.28	---	68.20	22.92	100.0	V	122.0	-2.8
2286.250000	---	33.54	54.00	20.46	200.0	H	164.0	-1.6
2398.250000	47.24	---	68.20	20.96	200.0	V	181.0	-1.2
2820.000000	---	35.52	54.00	18.48	100.0	V	150.0	1.0
3252.250000	49.04	---	68.20	19.16	200.0	H	304.0	2.8
3836.750000	---	45.39	54.00	8.61	100.0	V	129.0	5.2
4458.000000	49.95	---	68.20	18.25	200.0	V	200.0	6.4
6593.000000	52.94	---	68.20	15.26	100.0	V	342.0	10.4
7673.625000	---	47.31	54.00	6.69	200.0	V	304.0	11.3

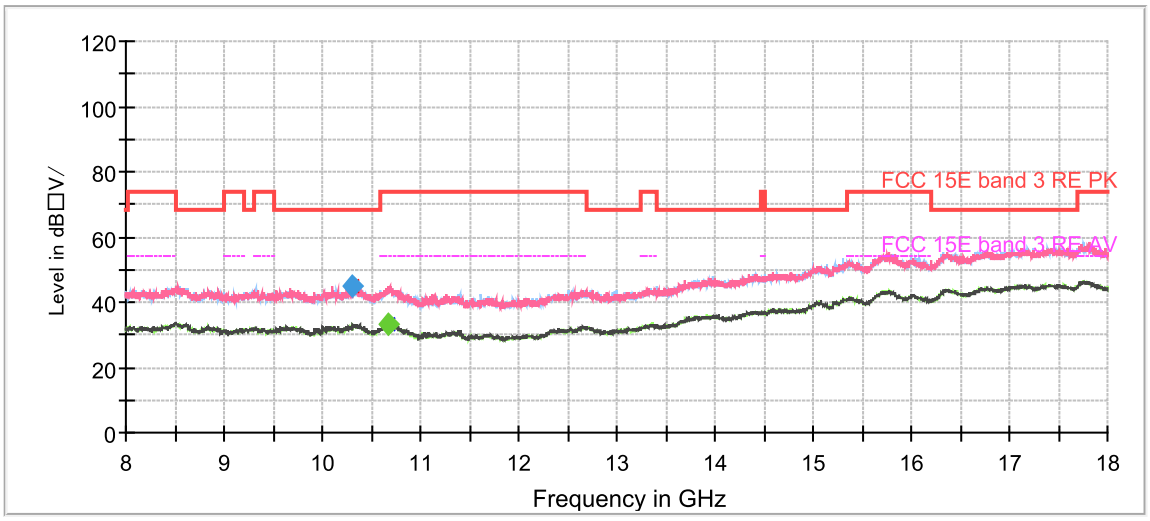
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

802.11n (HT40) CH159



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

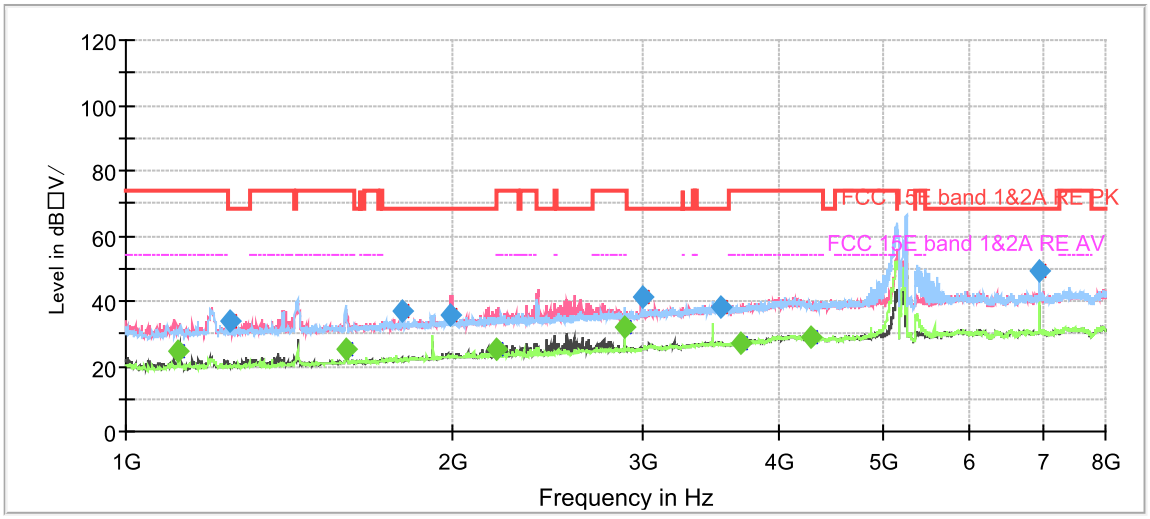


Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1268.625000	42.11	---	68.20	26.09	100.0	V	101.0	-6.9
1395.500000	---	30.80	54.00	23.20	100.0	V	17.0	-6.2
1672.000000	---	32.18	54.00	21.82	100.0	V	198.0	-4.6
1927.500000	44.49	---	68.20	23.71	100.0	H	69.0	-3.1
2310.750000	---	33.61	54.00	20.39	100.0	V	322.0	-1.5
2674.750000	46.62	---	68.20	21.58	100.0	V	0.0	0.5
2779.750000	---	35.45	54.00	18.55	200.0	H	21.0	0.9
3541.875000	48.69	---	68.20	19.51	200.0	H	167.0	3.8
3863.000000	---	46.08	54.00	7.92	100.0	H	62.0	5.3
4468.500000	50.14	---	68.20	18.06	200.0	H	246.0	6.4
6744.375000	52.64	---	68.20	15.56	200.0	V	0.0	10.5
7727.000000	---	45.39	54.00	8.61	200.0	V	286.0	11.3

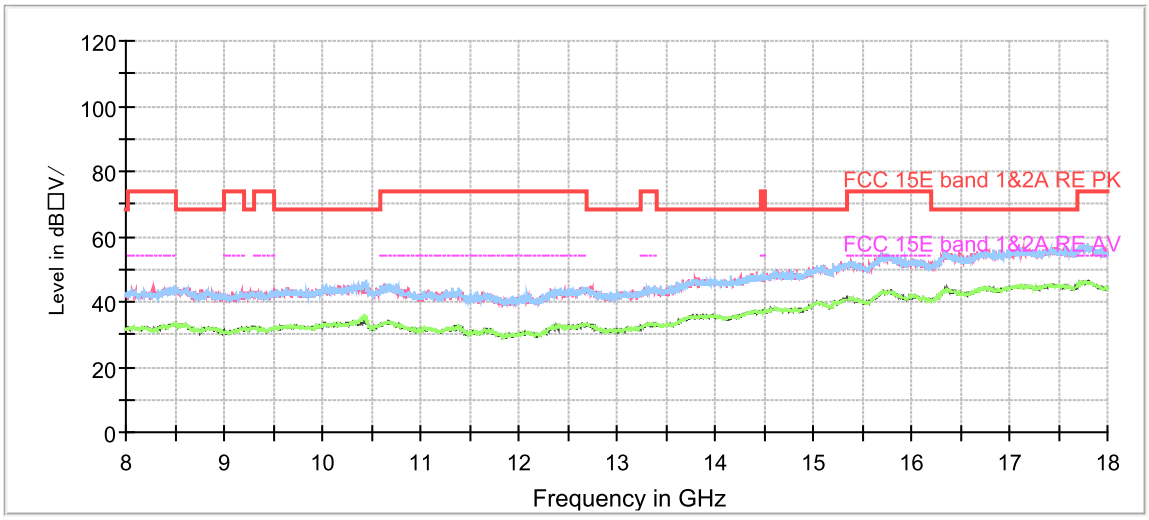
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

802.11ac (VHT80) CH42



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

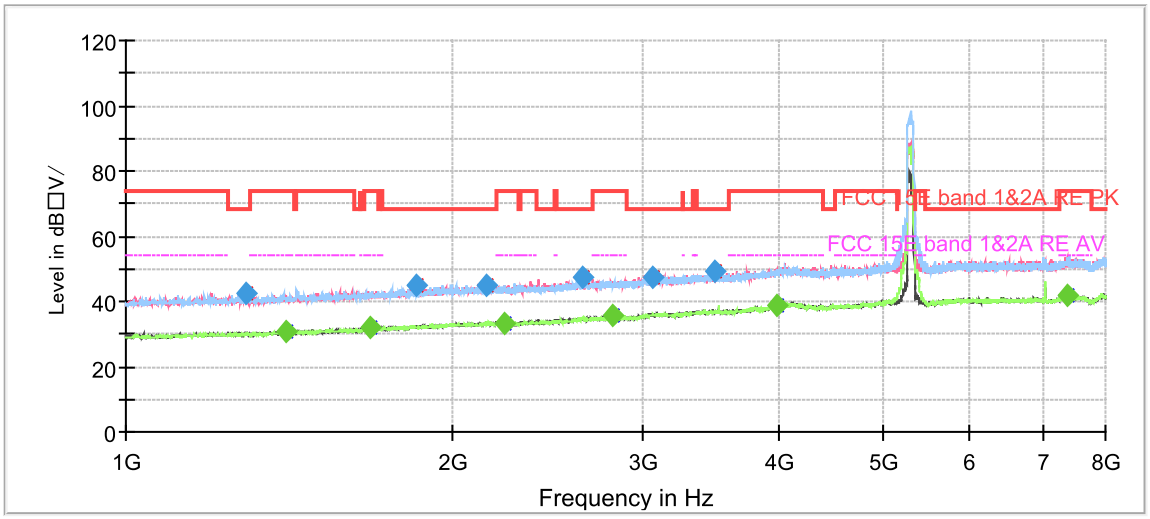


Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1119.000000	---	24.81	54.00	29.19	100.0	V	118.0	-17.7
1245.875000	33.58	---	68.20	34.62	100.0	V	194.0	-17.0
1599.375000	---	25.25	54.00	28.75	100.0	V	107.0	-15.0
1794.500000	36.92	---	68.20	31.28	100.0	H	210.0	-13.8
1994.875000	35.81	---	68.20	32.39	100.0	H	119.0	-12.7
2200.500000	---	25.15	54.00	28.85	100.0	V	54.0	-11.8
2879.500000	---	31.83	54.00	22.17	200.0	H	163.0	-8.8
2995.875000	41.33	---	68.20	26.87	100.0	H	324.0	-8.1
3539.250000	38.35	---	68.20	29.85	100.0	V	222.0	-6.2
3695.000000	---	27.31	54.00	26.69	100.0	V	48.0	-5.5
4273.375000	---	28.62	54.00	25.38	200.0	V	13.0	-3.8
6946.500000	49.23	---	68.20	18.97	200.0	H	336.0	0.7

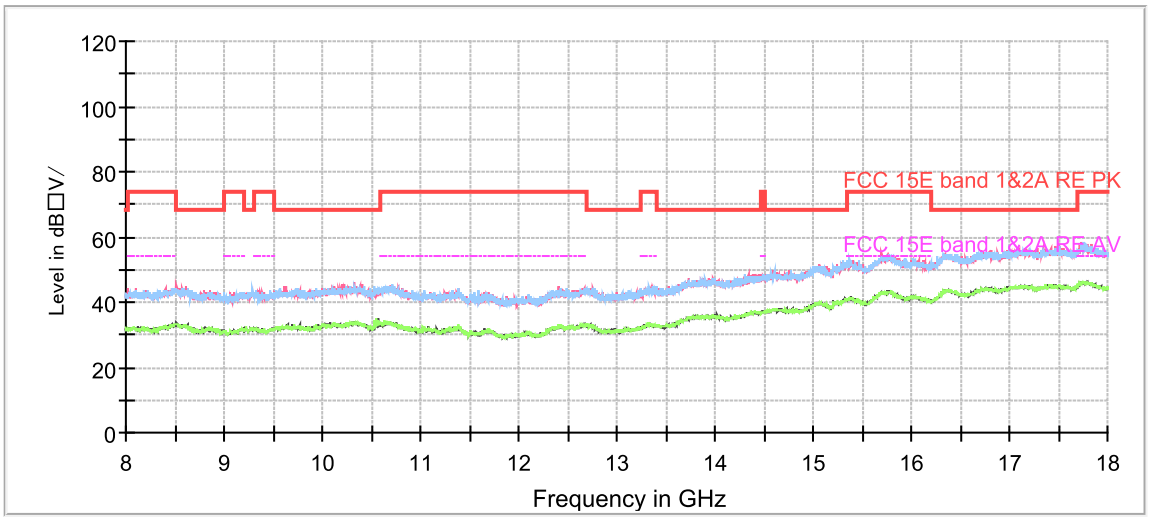
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

802.11ac (VHT80) CH58



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

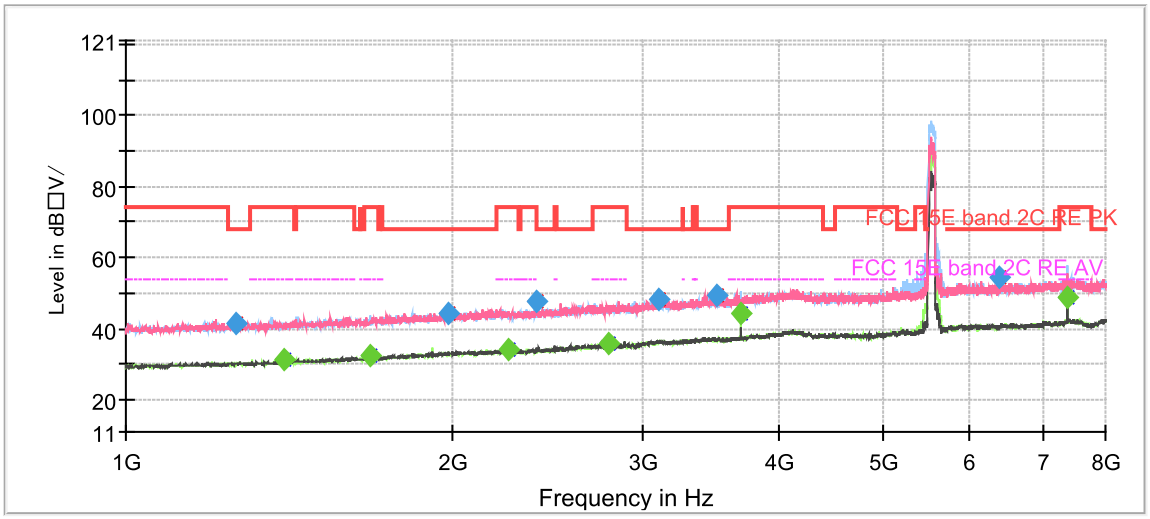


Radiates Emission from 8GHz to 18GHz

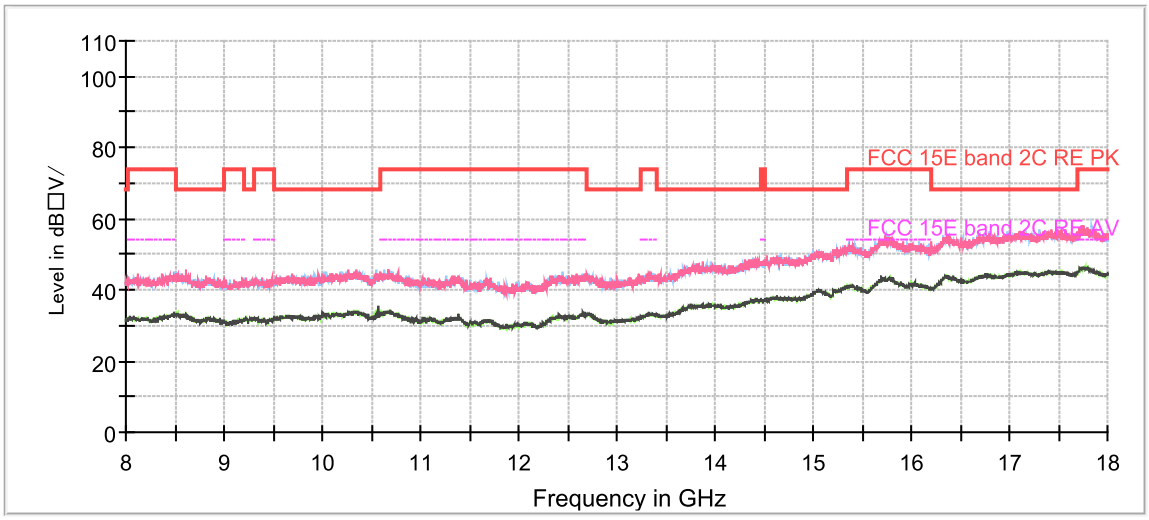
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1292.250000	42.46	---	68.20	25.74	200.0	V	197.0	-6.8
1406.000000	---	30.72	54.00	23.28	200.0	V	336.0	-6.1
1679.000000	---	31.91	54.00	22.09	200.0	V	139.0	-4.6
1852.250000	44.89	---	68.20	23.31	100.0	H	6.0	-3.6
2147.125000	44.68	---	68.20	23.52	100.0	V	211.0	-2.0
2237.250000	---	33.31	54.00	20.69	200.0	V	98.0	-1.7
2633.625000	47.10	---	68.20	21.10	100.0	V	81.0	0.2
2809.500000	---	35.50	54.00	18.50	200.0	H	331.0	1.0
3056.250000	47.15	---	68.20	21.05	200.0	V	93.0	2.3
3490.250000	49.31	---	68.20	18.89	100.0	H	85.0	3.7
3975.875000	---	38.83	54.00	15.17	100.0	V	9.0	6.0
7381.375000	---	42.03	54.00	11.97	100.0	V	337.0	11.5

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

802.11ac (VHT80) CH106



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

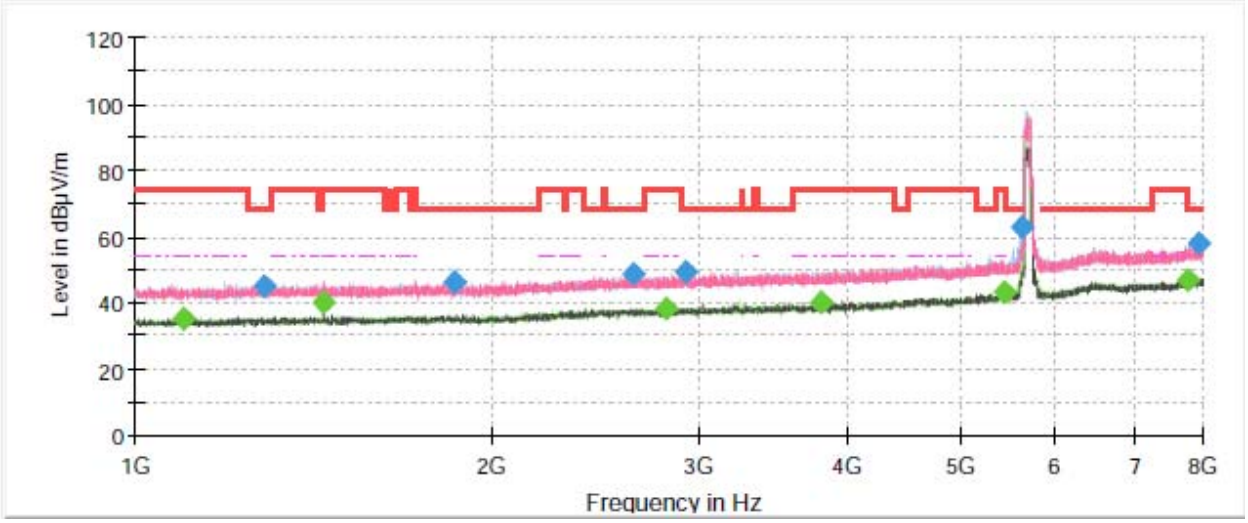


Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1261.625000	41.60	---	68.20	26.60	100.0	H	91.0	-6.9
1400.750000	---	31.07	54.00	22.93	200.0	H	267.0	-6.2
1679.875000	---	32.22	54.00	21.78	100.0	V	239.0	-4.6
1980.000000	44.56	---	68.20	23.64	200.0	V	106.0	-2.8
2249.500000	---	33.88	54.00	20.12	200.0	H	299.0	-1.7
2390.375000	47.86	---	68.20	20.34	200.0	V	200.0	-1.2
2789.375000	---	35.73	54.00	18.27	100.0	H	102.0	0.9
3103.500000	48.05	---	68.20	20.15	100.0	H	102.0	2.5
3500.750000	49.35	---	68.20	18.85	200.0	H	103.0	3.7
3686.250000	---	44.16	54.00	9.84	200.0	H	299.0	4.4
6388.250000	54.40	---	68.20	13.80	200.0	V	52.0	10.3
7373.500000	---	48.95	54.00	5.05	100.0	V	0.0	11.5

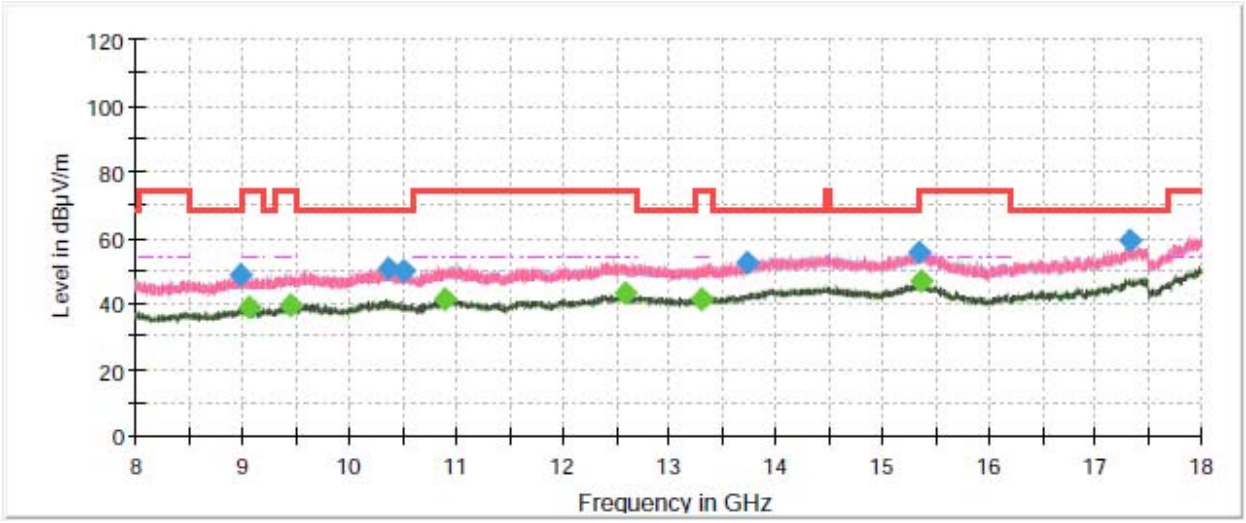
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

802.11ac (VHT80) CH138



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

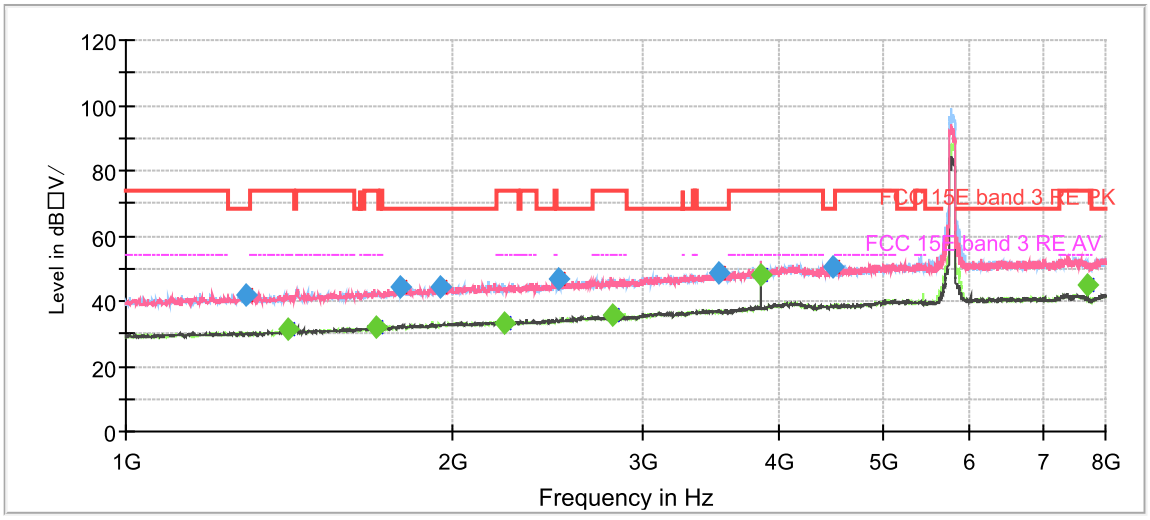


Radiates Emission from 8GHz to 18GHz

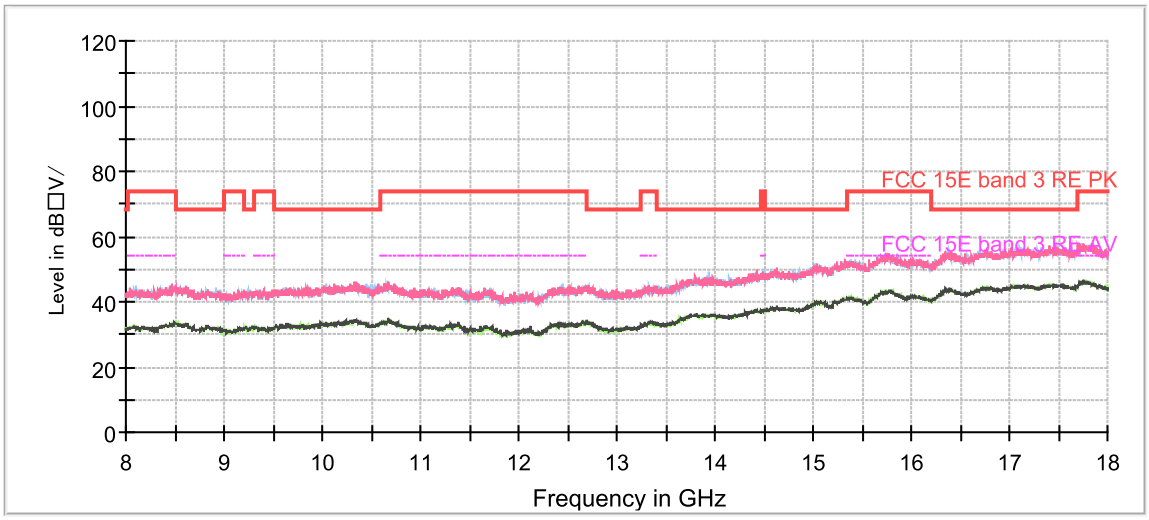
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1099.400000	---	34.81	54.00	19.19	100.0	H	125.0	-10.6
1285.833333	45.11	---	68.20	23.09	100.0	H	285.0	-9.8
1440.766667	---	39.99	54.00	14.01	200.0	V	244.0	-9.3
1860.533333	46.38	---	68.20	21.82	100.0	H	359.0	-8.4
2633.100000	48.88	---	68.20	19.32	100.0	H	352.0	-6.1
2808.566667	---	38.36	54.00	15.64	200.0	H	358.0	-6.0
2917.066667	49.23	---	68.20	18.97	100.0	V	5.0	-6.1
3793.233333	---	39.76	54.00	14.24	100.0	H	259.0	-4.0
5421.433333	---	42.95	54.00	11.05	100.0	H	179.0	1.4
5612.066667	63.00	---	68.20	5.20	100.0	H	84.0	1.9
7749.400000	---	46.66	54.00	7.34	100.0	H	219.0	6.4
7921.600000	57.62	---	68.20	10.58	100.0	V	190.0	7.2

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

802.11ac (VHT80) CH155



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

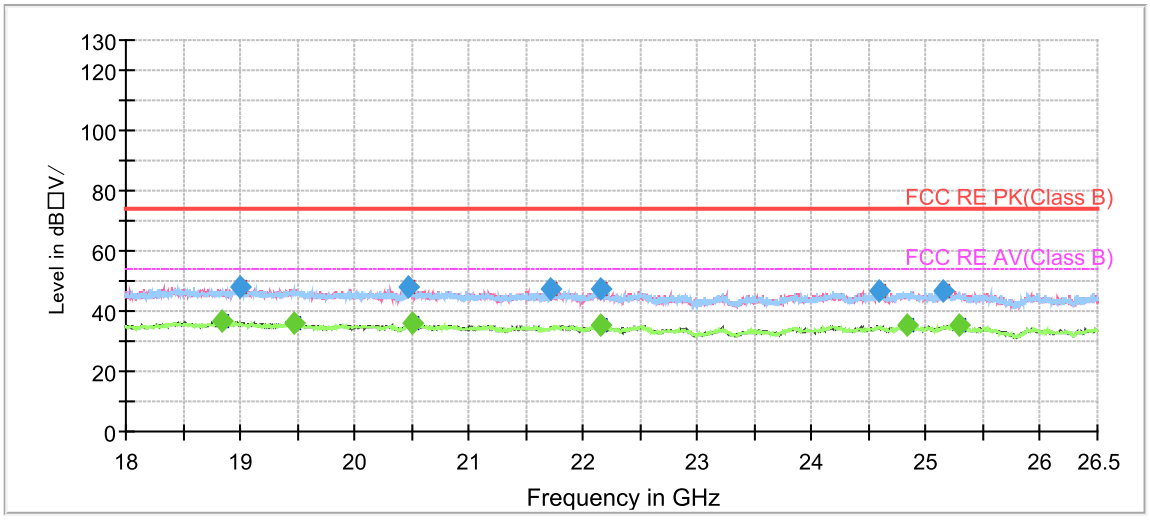


Radiates Emission from 8GHz to 18GHz

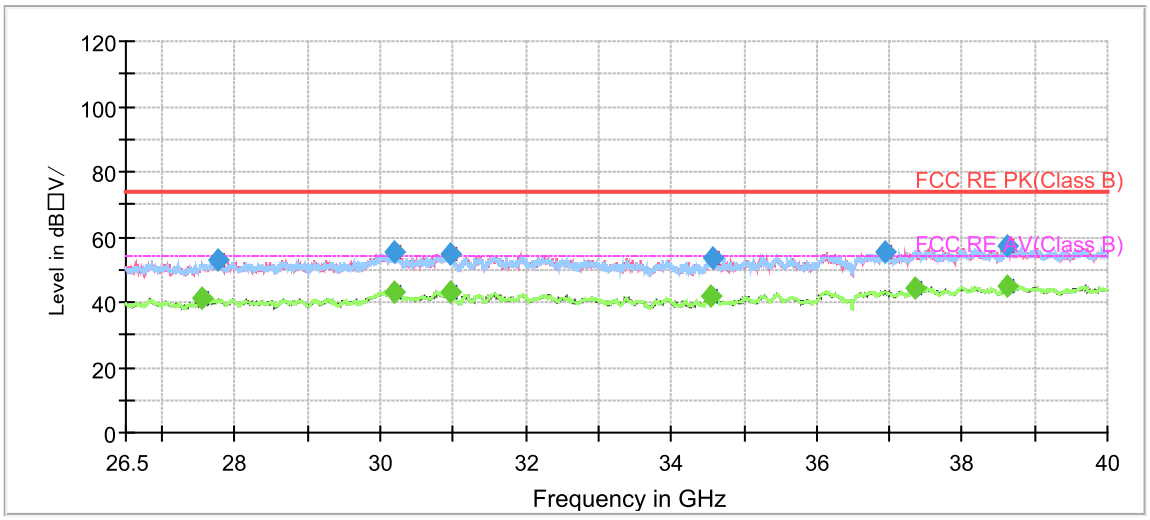
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1291.375000	41.77	---	68.20	26.43	100.0	V	239.0	-6.8
1413.000000	---	31.11	54.00	22.89	100.0	H	0.0	-6.1
1704.375000	---	32.02	54.00	21.98	200.0	H	126.0	-4.5
1789.250000	44.48	---	68.20	23.72	200.0	H	89.0	-3.9
1949.375000	44.49	---	68.20	23.71	200.0	H	65.0	-3.0
2234.625000	---	33.50	54.00	20.50	100.0	V	0.0	-1.7
2503.250000	46.80	---	68.20	21.40	100.0	V	0.0	-0.6
2813.000000	---	35.47	54.00	18.53	100.0	V	24.0	1.0
3517.375000	48.91	---	68.20	19.29	100.0	H	192.0	3.8
3849.875000	---	47.78	54.00	6.22	100.0	V	167.0	5.2
4484.250000	50.40	---	68.20	17.80	200.0	H	138.0	6.4
7700.750000	---	44.94	54.00	9.06	100.0	H	309.0	11.3

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 (HT20) CH100 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)
18834.062500	---	36.38	54.00	17.62	200.0	V	65.0	-4.8
19004.062500	47.94	---	74.00	26.06	200.0	V	12.0	-4.7
19466.250000	---	36.09	54.00	17.91	100.0	V	309.0	-4.6
20462.875000	47.72	---	74.00	26.28	100.0	V	242.0	-3.6
20505.375000	---	35.85	54.00	18.15	200.0	V	172.0	-3.5
21724.062500	47.02	---	74.00	26.98	100.0	H	211.0	-2.8
22153.312500	47.44	---	74.00	26.56	100.0	H	22.0	-2.2
22154.375000	---	35.54	54.00	18.46	200.0	H	296.0	-2.2
24581.125000	46.62	---	74.00	27.38	200.0	H	266.0	-0.7
24838.250000	---	35.53	54.00	18.47	200.0	V	24.0	-0.3
25159.125000	46.62	---	74.00	27.38	200.0	H	0.0	-0.1
25289.812500	---	35.40	54.00	18.60	100.0	H	0.0	-0.2

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

5.6. Conducted Emission

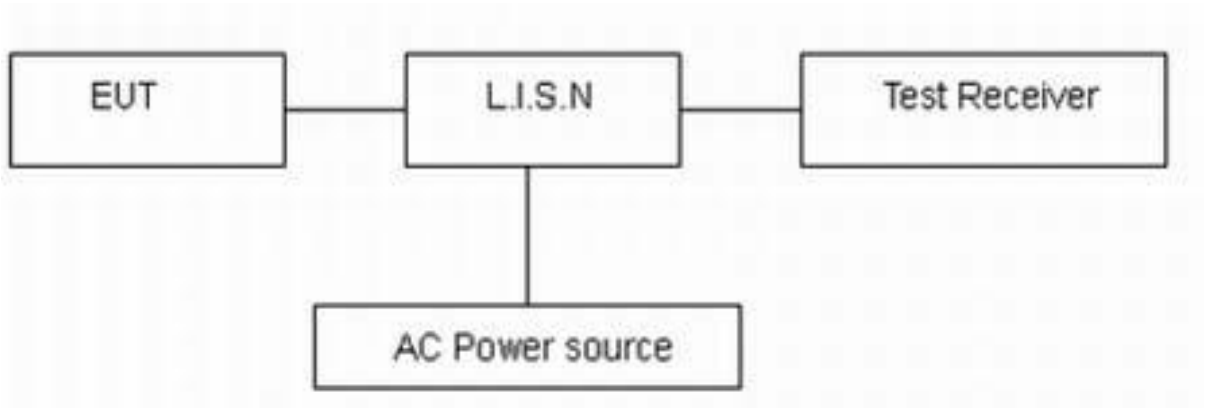
Ambient condition

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.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

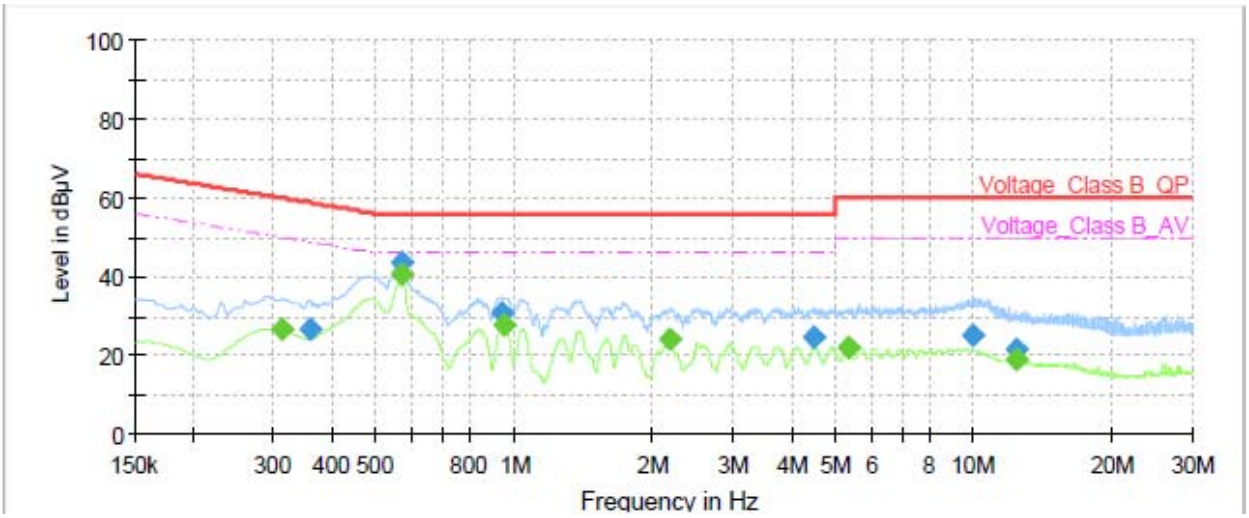
Frequency (MHz)	Conducted Limits(dBμV)	
	Quasi-peak	Average
0.15 - 0.5	66 to 56 *	56 to 46*
0.5 - 5	56	46
5 - 30	60	50
*: Decreases with the logarithm of the frequency.		

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:

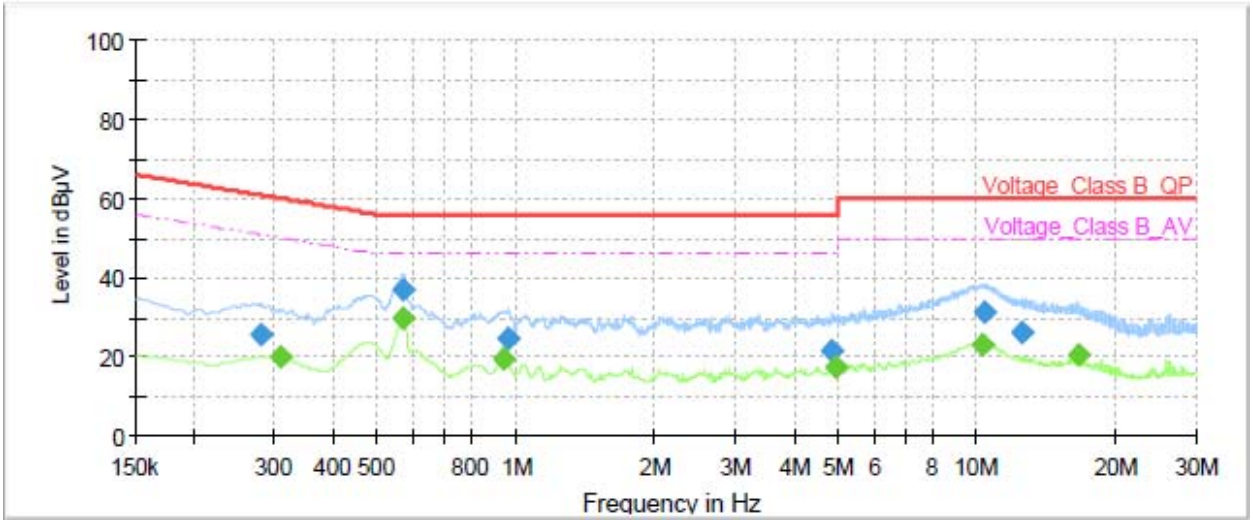
Following plots, Blue trace uses the peak detection and Green trace uses the average detection. During the test, the Conducted Emission was performed in all modes with all channels, 802.11n (HT20) CH100 are selected as the worst condition. The test data of the worst-case condition was recorded in this report.



Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.31	---	26.62	49.92	23.30	70.0	9.000	L1	ON	21
0.36	26.50	---	58.75	32.25	70.0	9.000	L1	ON	21
0.57	---	40.58	46.00	5.42	70.0	9.000	L1	ON	20
0.57	43.45	---	56.00	12.55	70.0	9.000	L1	ON	20
0.94	30.57	---	56.00	25.43	70.0	9.000	L1	ON	20
0.95	---	27.85	46.00	18.15	70.0	9.000	L1	ON	20
2.18	---	23.87	46.00	22.13	70.0	9.000	L1	ON	20
4.47	24.77	---	56.00	31.23	70.0	9.000	L1	ON	19
5.32	---	21.93	50.00	28.07	70.0	9.000	L1	ON	19
10.00	25.09	---	60.00	34.91	70.0	9.000	L1	ON	20
12.41	21.54	---	60.00	38.46	70.0	9.000	L1	ON	20
12.42	---	18.73	50.00	31.27	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)
0.28	25.68	---	60.80	35.12	70.0	9.000	N	ON	21
0.31	---	19.86	50.04	30.18	70.0	9.000	N	ON	21
0.57	---	29.99	46.00	16.01	70.0	9.000	N	ON	20
0.57	36.86	---	56.00	19.14	70.0	9.000	N	ON	20
0.94	---	19.65	46.00	26.35	70.0	9.000	N	ON	20
0.96	24.54	---	56.00	31.46	70.0	9.000	N	ON	20
4.82	21.75	---	56.00	34.25	70.0	9.000	N	ON	19
4.95	---	17.29	46.00	28.71	70.0	9.000	N	ON	19
10.34	---	23.20	50.00	26.80	70.0	9.000	N	ON	20
10.37	31.48	---	60.00	28.52	70.0	9.000	N	ON	20
12.52	26.01	---	60.00	33.99	70.0	9.000	N	ON	20
16.56	---	20.44	50.00	29.56	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

Date of Testing: April 26, 2021~ April 29, 2021

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	2020-05-18	2021-05-17
RF Cable	Agilent	SMA 15cm	0001	2020-12-12	2021-06-11
TEMPERATURE CHAMBER	WEISS	VT4002	582261194500 10	2020-05-18	2021-05-17
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	/	/

Date of Testing: July 9, 2021~ July 10, 2021

Name	Manufacturer	Type	Serial Number	Calibration Date	Expiration Date
Spectrum Analyzer	R&S	FSV40	15195-01-00	2021-05-15	2022-05-14
EMI Test Receiver	R&S	ESCI	100948	2021-05-15	2022-05-14
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	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	2021-05-16	2022-05-15
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	2021-06-12	2021-12-11
TEMPERATURE CHAMBER	WEISS	VT4002	582261194500 10	2020-12-13	2021-12-12
Power Meter	R&S	NRP	104306	2021-05-15	2022-05-14
Power Sensor	R&S	NRP-Z21	104799	2021-05-15	2022-05-14
DC Power Supply	GWINSTEK	GPS-3030D	GEP882653	2021-05-15	2022-05-14
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.