

802.11n HT40_Highest Channel (5 230 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μV)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
1 024.75	1 000	H	64.20	3.02	-48.57	28.75	-16.80	47.40	74.00	26.60
5 121.56	1 000	H	52.70	7.36	-46.32	34.96	-4.00	48.70	74.00	25.30
5 378.69	1 000	H	55.20	7.34	-46.40	34.96	-4.10	51.10	74.00	22.90
6 972.94	1 000	H	52.30	8.76	-46.05	35.89	-1.40	50.90	68.20	17.30
17 413.50	1 000	H	41.90	13.49	-43.70	40.91	10.70	52.60	68.20	15.60
27 990.75	1 000	H	40.50	15.20	-47.50	45.80	13.50	54.00	68.20	14.20
38 823.00	1 000	V	43.20	18.50	-49.70	44.30	13.10	56.30	68.20	11.90
Average DATA. Emissions above 1 GHz										
1 024.75	1 000	H	52.40	3.02	-48.57	28.75	-16.80	35.60	54.00	18.40
5 121.56	1 000	H	43.50	7.36	-46.32	34.96	-4.00	39.50	54.00	14.50
5 378.69	1 000	H	46.70	7.34	-46.40	34.96	-4.10	42.60	54.00	11.40
Above 6 000.00	Not Detected	-	-	-	-	-	-	-	-	-

802.11ac VHT40_Lowest Channel (5 190 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μV)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
5 145.63	1 000	H	55.20	7.27	-46.33	34.96	-4.10	51.10	74.00	22.90
5 353.94	1 000	H	55.70	7.31	-46.37	34.96	-4.10	51.60	74.00	22.40
6 919.75	1 000	H	56.30	8.79	-46.03	35.84	-1.40	54.90	68.20	13.30
17 515.56	1 000	V	41.40	13.51	-43.62	40.91	10.80	52.20	68.20	16.00
27 553.50	1 000	H	42.60	15.10	-47.60	45.60	13.10	55.70	68.20	12.50
38 418.75	1 000	V	43.40	18.60	-49.40	44.30	13.50	56.90	68.20	11.30
Average DATA. Emissions above 1 GHz										
5 145.63	1 000	H	46.30	7.27	-46.33	34.96	-4.10	42.20	54.00	11.80
5 353.94	1 000	H	45.10	7.31	-46.37	34.96	-4.10	41.00	54.00	13.00
Above 6 000.00	Not Detected	-	-	-	-	-	-	-	-	-

802.11ac VHT40_Highest Channel (5 230 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μV)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
1 024.06	1 000	H	65.20	3.02	-48.57	28.75	-16.80	48.40	74.00	25.60
4 975.81	1 000	H	52.80	7.18	-46.30	34.92	-4.20	48.60	74.00	25.40
5 411.00	1 000	H	53.60	7.34	-46.40	34.96	-4.10	49.50	74.00	24.50
6 972.94	1 000	H	52.30	8.76	-46.05	35.89	-1.40	50.90	68.20	17.30
17 393.37	1 000	V	41.80	13.48	-43.79	40.91	10.60	52.40	68.20	15.80
27 721.25	1 000	H	41.50	15.10	-47.40	45.60	13.30	54.80	68.20	13.40
38 823.00	1 000	V	43.60	18.50	-49.70	44.30	13.10	56.70	68.20	11.50
Average DATA. Emissions above 1 GHz										
1 024.06	1 000	H	56.60	3.02	-48.57	28.75	-16.80	39.80	54.00	14.20
4 975.81	1 000	H	42.70	7.18	-46.30	34.92	-4.20	38.50	54.00	15.50
5 411.00	1 000	H	44.80	7.34	-46.40	34.96	-4.10	40.70	54.00	13.30
Above 6 000.00	Not Detected	-	-	-	-	-	-	-	-	-

802.11ac VHT80_Lowest Channel (5 210 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μV)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
1 009.63	1 000	H	59.80	2.97	-48.59	28.72	-16.90	42.90	74.00	31.10
5 149.75	1 000	H	56.90	7.27	-46.33	34.96	-4.10	52.80	74.00	21.20
5 403.44	1 000	H	57.40	7.34	-46.40	34.96	-4.10	53.30	74.00	20.70
6 947.06	1 000	H	53.70	8.77	-46.04	35.87	-1.40	52.30	68.20	15.90
17 469.56	1 000	H	41.30	13.50	-43.71	40.91	10.70	52.00	68.20	16.20
27 754.25	1 000	H	41.00	15.20	-47.60	45.70	13.30	54.30	68.20	13.90
38 116.25	1 000	V	45.30	18.80	-49.40	44.40	13.80	59.10	68.20	9.10
Average DATA. Emissions above 1 GHz										
1 009.63	1 000	H	49.00	2.97	-48.59	28.72	-16.90	32.10	54.00	21.90
5 149.75	1 000	H	47.20	7.27	-46.33	34.96	-4.10	43.10	54.00	10.90
5 403.44	1 000	H	48.10	7.34	-46.40	34.96	-4.10	44.00	54.00	10.00
Above 6 000.00	Not Detected	-	-	-	-	-	-	-	-	-

- MIMO (ANT 1+2+3)

802.11n HT20_Lowest Channel (5 180 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μ V)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μ V/m)]	Limit [dB(μ V/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
2 421.06	1 000	H	63.30	6.06	-47.13	31.27	-9.80	53.50	74.00	20.50
5 142.19	1 000	H	61.00	7.27	-46.33	34.96	-4.10	56.90	74.00	17.10
5 274.19	1 000	H	60.90	7.44	-46.40	34.96	-4.00	56.90	74.00	17.10
6 905.38	1 000	H	58.20	8.79	-46.02	35.83	-1.40	56.80	68.20	11.40
14 659.25	1 000	H	45.10	12.57	-45.61	39.54	6.50	51.60	68.20	16.60
27 721.25	1 000	H	41.70	15.10	-47.40	45.60	13.30	55.00	68.20	13.20
38 790.00	1 000	V	43.10	18.50	-49.70	44.30	13.10	56.20	68.20	12.00
Average DATA. Emissions above 1 GHz										
2 421.06	1 000	H	40.90	6.06	-47.13	31.27	-9.80	31.10	54.00	22.90
5 142.19	1 000	H	49.80	7.27	-46.33	34.96	-4.10	45.70	54.00	8.30
5 274.19	1 000	H	50.60	7.44	-46.40	34.96	-4.00	46.60	54.00	7.40
Above 6 000.00	Not Detected	-	-	-	-	-	-	-	-	-

802.11n HT20_Middle Channel (5 200 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μ V)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μ V/m)]	Limit [dB(μ V/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
1 952.19	1 000	V	63.70	4.51	-47.36	30.55	-12.30	51.40	74.00	22.60
2 451.31	1 000	H	66.20	6.10	-47.12	31.32	-9.70	56.50	74.00	17.50
5 118.13	1 000	H	59.50	7.34	-46.30	34.96	-4.00	55.50	74.00	18.50
5 279.69	1 000	H	61.30	7.40	-46.36	34.96	-4.00	57.30	74.00	16.70
6 932.69	1 000	H	56.20	8.78	-46.04	35.86	-1.40	54.80	68.20	13.40
17 538.56	1 000	V	43.00	13.52	-43.63	40.91	10.80	53.80	68.20	14.40
27 655.25	1 000	H	43.50	15.10	-47.50	45.60	13.20	56.70	68.20	11.50
38 619.50	1 000	V	44.70	18.60	-49.60	44.30	13.30	58.00	68.20	10.20
Average DATA. Emissions above 1 GHz										
1 952.19	1 000	V	41.30	4.51	-47.36	30.55	-12.30	29.00	54.00	25.00
2 451.31	1 000	H	40.40	6.10	-47.12	31.32	-9.70	30.70	54.00	23.30
5 118.13	1 000	H	47.20	7.34	-46.30	34.96	-4.00	43.20	54.00	10.80
5 279.69	1 000	H	48.70	7.40	-46.36	34.96	-4.00	44.70	54.00	9.30
Above 6 000.00	Not Detected	-	-	-	-	-	-	-	-	-

802.11n HT20_Highest Channel (5 240 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μ V)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μ V/m)]	Limit [dB(μ V/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
1 035.06	1 000	H	78.90	2.98	-48.55	28.77	-16.80	62.10	74.00	11.90
2 413.50	1 000	V	69.90	6.07	-47.13	31.26	-9.80	60.10	74.00	13.90
5 401.38	1 000	H	57.20	7.34	-46.40	34.96	-4.10	53.10	74.00	20.90
6 906.81	1 000	H	58.50	8.79	-46.02	35.83	-1.40	57.10	68.20	11.10
17 550.06	1 000	V	43.20	13.52	-43.63	40.91	10.80	54.00	68.20	14.20
27 655.25	1 000	H	42.30	15.10	-47.50	45.60	13.20	55.50	68.20	12.70
38 553.50	1 000	V	43.20	18.60	-49.50	44.30	13.40	56.60	68.20	11.60
Average DATA. Emissions above 1 GHz										
1 035.06	1 000	H	48.50	2.98	-48.55	28.77	-16.80	31.70	54.00	22.30
2 413.50	1 000	V	40.80	6.07	-47.13	31.26	-9.80	31.00	54.00	23.00
5 401.38	1 000	H	47.90	7.34	-46.40	34.96	-4.10	43.80	54.00	10.20
Above 6 000.00	Not Detected	-	-	-	-	-	-	-	-	-

802.11ac VHT20_Lowest Channel (5 180 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μ V)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μ V/m)]	Limit [dB(μ V/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
5 144.25	1 000	H	56.40	7.27	-46.33	34.96	-4.10	52.30	74.00	21.70
5 356.69	1 000	H	56.60	7.31	-46.37	34.96	-4.10	52.50	74.00	21.50
6 906.81	1 000	H	58.50	8.79	-46.02	35.83	-1.40	57.10	68.20	11.10
17 287.00	1 000	V	40.90	13.45	-43.86	40.91	10.50	51.40	68.20	16.80
27 924.75	1 000	H	41.50	15.20	-47.40	45.70	13.50	55.00	68.20	13.20
38 754.25	1 000	H	43.50	18.50	-49.70	44.30	13.10	56.60	68.20	11.60
Average DATA. Emissions above 1 GHz										
5 144.25	1 000	H	47.20	7.27	-46.33	34.96	-4.10	43.10	54.00	10.90
5 356.69	1 000	H	44.30	7.31	-46.37	34.96	-4.10	40.20	54.00	13.80
Above 6 000.00	Not Detected	-	-	-	-	-	-	-	-	-

802.11ac VHT20_Middle Channel (5 200 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μV)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
5 143.56	1 000	H	55.80	7.27	-46.33	34.96	-4.10	51.70	74.00	22.30
5 413.06	1 000	H	55.80	7.32	-46.38	34.96	-4.10	51.70	74.00	22.30
6 932.69	1 000	H	56.90	8.78	-46.04	35.86	-1.40	55.50	68.20	12.70
17 243.87	1 000	V	41.70	13.44	-43.86	40.92	10.50	52.20	68.20	16.00
27 823.00	1 000	V	40.90	15.20	-47.50	45.70	13.40	54.30	68.20	13.90
38 418.75	1 000	V	43.10	18.60	-49.40	44.30	13.50	56.60	68.20	11.60
Average DATA. Emissions above 1 GHz										
5 143.56	1 000	H	46.20	7.27	-46.33	34.96	-4.10	42.10	54.00	11.90
5 413.06	1 000	H	46.10	7.32	-46.38	34.96	-4.10	42.00	54.00	12.00
Above 6 000.00	Not Detected	-	-	-	-	-	-	-	-	-

802.11ac VHT20_Highest Channel (5 240 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μV)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
1 035.06	1 000	H	75.60	2.98	-48.55	28.77	-16.80	58.80	74.00	15.20
5 123.63	1 000	H	55.90	7.36	-46.32	34.96	-4.00	51.90	74.00	22.10
5 377.31	1 000	H	55.50	7.34	-46.40	34.96	-4.10	51.40	74.00	22.60
6 985.88	1 000	H	52.80	8.76	-46.07	35.91	-1.40	51.40	68.20	16.80
17 136.06	1 000	V	41.70	13.42	-43.94	40.92	10.40	52.10	68.20	16.10
27 790.00	1 000	H	40.90	15.20	-47.60	45.70	13.30	54.20	68.20	14.00
38 856.00	1 000	V	43.30	18.40	-49.60	44.30	13.10	56.40	68.20	11.80
Average DATA. Emissions above 1 GHz										
1 035.06	1 000	H	58.80	2.98	-48.55	28.77	-16.80	42.00	54.00	12.00
5 123.63	1 000	H	46.30	7.36	-46.32	34.96	-4.00	42.30	54.00	11.70
5 377.31	1 000	H	45.90	7.34	-46.40	34.96	-4.10	41.80	54.00	12.20
Above 6 000.00	Not Detected	-	-	-	-	-	-	-	-	-

802.11n HT40_Lowest Channel (5 190 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μV)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
5 149.06	1 000	H	54.90	7.27	-46.33	34.96	-4.10	50.80	74.00	23.20
5 404.81	1 000	H	54.40	7.32	-46.38	34.96	-4.10	50.30	74.00	23.70
6 919.75	1 000	H	57.80	8.79	-46.03	35.84	-1.40	56.40	68.20	11.80
17 419.25	1 000	V	41.30	13.49	-43.70	40.91	10.70	52.00	68.20	16.20
27 451.75	1 000	H	41.90	15.10	-47.60	45.50	13.00	54.90	68.20	13.30
38 721.25	1 000	H	43.70	18.50	-49.60	44.30	13.20	56.90	68.20	11.30
Average DATA. Emissions above 1 GHz										
5 149.06	1 000	H	45.20	7.27	-46.33	34.96	-4.10	41.10	54.00	12.90
5 404.81	1 000	H	45.10	7.32	-46.38	34.96	-4.10	41.00	54.00	13.00
Above 6 000.00	Not Detected	-	-	-	-	-	-	-	-	-

802.11n HT40_Highest Channel (5 230 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μV)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
1 028.88	1 000	H	65.70	3.00	-48.56	28.76	-16.80	48.90	74.00	25.10
5 138.06	1 000	H	53.80	7.27	-46.33	34.96	-4.10	49.70	74.00	24.30
5 353.94	1 000	H	55.10	7.34	-46.40	34.96	-4.10	51.00	74.00	23.00
6 972.94	1 000	H	54.20	8.76	-46.05	35.89	-1.40	52.80	68.20	15.40
17 435.06	1 000	H	41.80	13.49	-43.70	40.91	10.70	52.50	68.20	15.70
27 823.00	1 000	H	41.00	15.20	-47.50	45.70	13.40	54.40	68.20	13.80
38 655.25	1 000	V	42.90	18.50	-49.60	44.30	13.20	56.10	68.20	12.10
Average DATA. Emissions above 1 GHz										
1 028.88	1 000	H	53.40	3.00	-48.56	28.76	-16.80	36.60	54.00	17.40
5 138.06	1 000	H	45.20	7.27	-46.33	34.96	-4.10	41.10	54.00	12.90
5 353.94	1 000	H	46.70	7.34	-46.40	34.96	-4.10	42.60	54.00	11.40
Above 6 000.00	Not Detected	-	-	-	-	-	-	-	-	-

802.11ac VHT40_Lowest Channel (5 190 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μV)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
5 147.69	1 000	H	55.30	7.27	-46.33	34.96	-4.10	51.20	74.00	22.80
5 379.38	1 000	H	54.60	7.32	-46.38	34.96	-4.10	50.50	74.00	23.50
6 919.75	1 000	H	57.10	8.79	-46.03	35.84	-1.40	55.70	68.20	12.50
17 521.31	1 000	H	41.30	13.52	-43.63	40.91	10.80	52.10	68.20	16.10
27 553.50	1 000	H	42.70	15.10	-47.60	45.60	13.10	55.80	68.20	12.40
39 227.25	1 000	V	43.80	18.50	-49.90	44.70	13.30	57.10	68.20	11.10
Average DATA. Emissions above 1 GHz										
5 147.69	1 000	H	46.30	7.27	-46.33	34.96	-4.10	42.20	54.00	11.80
5 379.38	1 000	H	45.00	7.32	-46.38	34.96	-4.10	40.90	54.00	13.10
Above 6 000.00	Not Detected	-	-	-	-	-	-	-	-	-

802.11ac VHT40_Highest Channel (5 230 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μV)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
1 037.13	1 000	H	66.10	2.98	-48.55	28.77	-16.80	49.30	74.00	24.70
5 122.94	1 000	H	53.40	7.36	-46.32	34.96	-4.00	49.40	74.00	24.60
5 383.50	1 000	H	54.30	7.34	-46.40	34.96	-4.10	50.20	74.00	23.80
6 972.94	1 000	H	54.10	8.76	-46.05	35.89	-1.40	52.70	68.20	15.50
17 180.62	1 000	V	41.40	13.43	-43.95	40.92	10.40	51.80	68.20	16.40
27 520.50	1 000	H	41.70	15.10	-47.60	45.60	13.10	54.80	68.20	13.40
38 924.75	1 000	H	43.30	18.40	-49.70	44.30	13.00	56.30	68.20	11.90
Average DATA. Emissions above 1 GHz										
1 037.13	1 000	H	56.20	2.98	-48.55	28.77	-16.80	39.40	54.00	14.60
5 122.94	1 000	H	44.00	7.36	-46.32	34.96	-4.00	40.00	54.00	14.00
5 383.50	1 000	H	44.90	7.34	-46.40	34.96	-4.10	40.80	54.00	13.20
Above 6 000.00	Not Detected	-	-	-	-	-	-	-	-	-

802.11ac VHT80_Lowest Channel (5 210 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μ V)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μ V/m)]	Limit [dB(μ V/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
1 013.06	1 000	H	57.60	2.95	-48.58	28.73	-16.90	40.70	74.00	33.30
5 140.81	1 000	H	57.80	7.27	-46.33	34.96	-4.10	53.70	74.00	20.30
5 367.00	1 000	H	54.80	7.34	-46.40	34.96	-4.10	50.70	74.00	23.30
6 945.63	1 000	H	55.30	8.78	-46.05	35.87	-1.40	53.90	68.20	14.30
16 988.00	1 000	V	41.60	13.38	-44.10	40.92	10.20	51.80	68.20	16.40
27 790.00	1 000	H	42.40	15.20	-47.60	45.70	13.30	55.7	68.20	12.5
37 780.75	1 000	H	44.60	18.60	-49.50	44.80	13.90	58.5	68.20	9.7
Average DATA. Emissions above 1 GHz										
1 013.06	1 000	H	48.50	2.95	-48.58	28.73	-16.90	31.60	54.00	22.40
5 140.81	1 000	H	48.20	7.27	-46.33	34.96	-4.10	44.10	54.00	9.90
5 367.00	1 000	H	45.80	7.34	-46.40	34.96	-4.10	41.70	54.00	12.30
Above 6 000.00	Not Detected	-	-	-	-	-	-	-	-	-

5 725 Band

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802.11a_Lowest Channel (5 745 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μ V)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μ V/m)]	Limit [dB(μ V/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
5 237.06	1 000	H	61.50	7.29	-46.35	34.96	-4.10	57.40	68.20	10.80
5 724.50	1 000	H	64.10	7.58	-46.44	34.96	-3.90	60.20	68.20	8.00
10 356.81	1 000	H	45.40	10.32	-44.34	37.62	3.60	49.00	68.20	19.20
14 575.87	1 000	V	44.70	12.51	-45.32	39.51	6.70	51.40	68.20	16.80
27 790.00	1 000	H	41.60	15.20	-47.60	45.70	13.30	54.90	68.20	13.30
38 083.25	1 000	H	43.80	18.80	-49.40	44.40	13.80	57.60	68.20	10.60

802.11a_Middle Channel (5 785 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μ V)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μ V/m)]	Limit [dB(μ V/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
2 562.00	1 000	V	51.30	5.90	-47.08	31.48	-9.70	41.60	68.20	26.60
5 281.06	1 000	H	66.10	7.40	-46.36	34.96	-4.00	62.10	68.20	6.10
13 093.81	1 000	H	41.50	11.98	-47.07	38.69	3.60	45.10	68.20	23.10
17 261.12	1 000	H	40.90	13.45	-43.86	40.91	10.50	51.40	68.20	16.80
27 889.00	1 000	H	43.00	15.20	-47.50	45.70	13.40	56.40	68.20	11.80
38 083.25	1 000	V	45.10	18.80	-49.40	44.40	13.80	58.90	68.20	9.30

802.11a_Highest Channel (5 825 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μV)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
5 433.69	1 000	H	62.10	7.43	-46.39	34.96	-4.00	58.10	74.00	15.90
5 852.38	1 000	H	50.90	7.51	-46.47	34.96	-4.00	46.90	68.20	21.30
12 971.62	1 000	V	42.20	11.95	-47.08	38.63	3.50	45.70	68.20	22.50
17 314.31	1 000	H	39.40	13.46	-43.77	40.91	10.60	50.00	68.20	18.20
27 284.00	1 000	H	42.30	15.10	-47.80	45.50	12.80	55.10	68.20	13.10
38 924.75	1 000	H	43.50	18.40	-49.70	-44.30	13.00	56.50	68.20	11.70
Average DATA. Emissions above 1 GHz										
5 433.69	1 000	H	48.60	7.43	-46.39	34.96	-4.00	44.60	54.00	9.40
Above 6 000.00	Not Detected	-	-	-	-	-	-	-	-	-

802.11n HT20_Lowest Channel (5 745 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μV)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
5 257.00	1 000	H	62.70	7.39	-46.35	34.96	-4.00	58.70	68.20	9.50
5 724.50	1 000	H	63.40	7.58	-46.44	34.96	-3.90	59.50	68.20	8.70
12 988.87	1 000	V	42.30	11.96	-47.09	38.63	3.50	45.80	68.20	22.40
17 384.75	1 000	H	39.30	13.48	-43.79	40.91	10.60	49.90	68.20	18.30
27 790.00	1 000	H	41.80	15.20	-47.60	45.70	13.30	55.10	68.20	13.10
38 418.75	1 000	V	43.10	18.60	-49.40	44.30	13.50	56.60	68.20	11.60

802.11n HT20_Middle Channel (5 785 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μ V)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μ V/m)]	Limit [dB(μ V/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
4 444.38	1 000	H	48.30	7.07	-46.30	34.03	-5.20	43.10	68.20	25.10
5 320.25	1 000	H	61.70	7.40	-46.36	34.96	-4.00	57.70	68.20	10.50
14 128.81	1 000	H	45.00	12.16	-43.70	39.34	7.80	52.80	68.20	15.40
17 331.56	1 000	V	38.80	13.47	-43.78	40.91	10.60	49.40	68.20	18.80
27 050.25	1 000	H	42.10	18.7	-49.4	44.4	12.70	54.80	68.20	13.40
38 553.50	1 000	H	43.40	18.3	-49.3	44.1	13.40	56.80	68.20	11.40

802.11n HT20_Highest Channel (5 825 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μ V)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μ V/m)]	Limit [dB(μ V/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
5 281.06	1 000	H	63.40	7.40	-46.36	34.96	-4.00	59.40	68.20	8.80
5 853.75	1 000	H	51.40	7.51	-46.47	34.96	-4.00	47.40	68.20	20.80
12 760.31	1 000	V	43.40	11.76	-47.08	38.62	3.30	46.70	68.20	21.50
17 367.50	1 000	V	40.90	13.48	-43.79	40.91	10.60	51.50	68.20	16.70
28 362.00	1 000	H	42.40	15.30	-47.40	45.80	13.70	56.10	68.20	12.10
38 823.00	1 000	V	44.90	18.50	-49.70	44.30	13.10	58.00	68.20	10.20

802.11ac VHT20_Lowest Channel (5 745 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μ V)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μ V/m)]	Limit [dB(μ V/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
5 230.19	1 000	H	60.50	7.29	-46.35	34.96	-4.10	56.40	68.20	11.80
5 723.81	1 000	H	59.60	7.58	-46.44	34.96	-3.90	55.70	68.20	12.50
12 743.06	1 000	H	43.80	11.75	-47.06	38.61	3.30	47.10	68.20	21.10
17 314.31	1 000	H	39.40	13.46	-43.77	40.91	10.60	50.00	68.20	18.20
26 107.00	1 000	V	43.80	14.50	-47.10	46.30	13.70	57.50	68.20	10.70
38 754.25	1 000	V	43.60	18.50	-49.70	-44.30	13.10	56.70	68.20	11.50

802.11ac VHT20_Middle Channel (5 785 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μ V)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μ V/m)]	Limit [dB(μ V/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
4 423.06	1 000	H	46.00	7.00	-46.30	34.00	-5.30	40.70	68.20	27.50
5 290.69	1 000	H	61.60	7.40	-46.36	34.96	-4.00	57.60	68.20	10.60
12 777.56	1 000	H	44.60	11.78	-47.00	38.62	3.40	48.00	68.20	20.20
17 384.75	1 000	H	40.30	13.48	-43.79	40.91	10.60	50.90	68.20	17.30
27 083.25	1 000	V	42.80	15.10	-47.70	45.40	12.80	55.60	68.20	12.60
38 284.00	1 000	H	43.90	18.70	-49.40	44.40	13.70	57.60	68.20	10.60

802.11ac VHT20_Highest Channel (5 825 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μ V)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μ V/m)]	Limit [dB(μ V/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
5 252.88	1 000	H	62.50	7.29	-46.35	34.96	-4.10	58.40	68.20	9.80
5 855.13	1 000	H	50.90	7.51	-46.47	34.96	-4.00	46.90	68.20	21.30
12 337.69	1 000	H	45.60	11.39	-47.18	38.59	2.80	48.40	68.20	19.80
17 297.06	1 000	V	41.10	13.46	-43.77	40.91	10.60	51.70	68.20	16.50
26 948.50	1 000	V	43.50	15.0	-47.7	45.4	12.70	56.20	68.20	12.00
38 619.50	1 000	H	43.40	18.60	-49.60	44.30	13.30	56.70	68.20	11.50

802.11n HT40_Lowest Channel (5 755 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μ V)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μ V/m)]	Limit [dB(μ V/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
5 261.81	1 000	H	53.80	7.39	-46.35	34.96	-4.00	49.80	68.20	18.40
5 724.50	1 000	H	61.60	7.58	-46.44	34.96	-3.90	57.70	68.20	10.50
14 031.06	1 000	H	45.10	12.08	-43.48	39.30	7.90	53.00	68.20	15.20
17 149.00	1 000	V	41.90	13.42	-43.94	40.92	10.40	52.30	68.20	15.90
27 251.00	1 000	H	41.50	15.20	-47.40	45.80	13.60	55.10	68.20	13.10
39 191.50	1 000	H	43.50	18.60	-49.50	44.30	13.40	56.90	68.20	11.30

802.11n HT40_Highest Channel (5 795 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μ V)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μ V/m)]	Limit [dB(μ V/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
5 286.56	1 000	H	55.60	7.40	-46.36	34.96	-4.00	51.60	68.20	16.60
5 854.44	1 000	H	47.80	7.51	-46.47	34.96	-4.00	43.80	68.20	24.40
14 164.75	1 000	V	43.80	12.19	-43.84	39.35	7.70	51.50	68.20	16.70
17 404.87	1 000	V	41.00	13.49	-43.70	40.91	10.70	51.70	68.20	16.50
27 385.75	1 000	V	42.60	15.10	-47.70	45.50	12.90	55.50	68.20	12.70
38 889.00	1 000	H	42.80	18.40	-49.60	44.30	13.10	55.90	68.20	12.30

802.11ac VHT40_Lowest Channel (5 755 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μ V)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μ V/m)]	Limit [dB(μ V/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
5 292.75	1 000	H	55.20	7.40	-46.36	34.96	-4.00	51.20	68.20	17.00
5 723.13	1 000	H	62.10	7.58	-46.44	34.96	-3.90	58.20	68.20	10.00
13 966.37	1 000	V	44.10	12.06	-43.53	39.27	7.80	51.90	68.20	16.30
17 578.81	1 000	V	41.30	13.53	-43.54	40.91	10.90	52.20	68.20	16.00
27 256.50	1 000	H	45.00	15.10	-47.70	45.40	12.80	57.80	68.20	10.40
39 136.50	1 000	V	45.80	18.50	-49.90	44.50	13.10	58.90	68.20	9.30

802.11ac VHT40_Highest Channel (5 795 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μV)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
5 284.50	1 000	H	58.50	7.40	-46.36	34.96	-4.00	54.50	68.20	13.70
5 853.75	1 000	H	48.30	7.51	-46.47	34.96	-4.00	44.30	68.20	23.90
14 136.00	1 000	H	43.70	12.17	-43.71	39.34	7.80	51.50	68.20	16.70
17 554.37	1 000	H	41.40	13.52	-43.63	40.91	10.80	52.20	68.20	16.00
27 790.00	1 000	V	41.10	15.20	-47.60	45.70	13.30	54.40	68.20	13.80
39 389.50	1 000	H	47.00	18.70	-50.00	44.90	13.60	60.60	68.20	7.60

802.11ac VHT80_Lowest Channel (5 775 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μV)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
5 271.44	1 000	H	59.30	7.39	-46.35	34.96	-4.00	55.30	68.20	12.9
5 724.50	1 000	H	64.80	7.58	-46.44	34.96	-3.90	60.90	68.20	7.30
5 854.44	1 000	H	47.90	7.51	-46.47	34.96	-4.00	43.90	68.20	24.30
13 995.12	1 000	V	44.10	12.06	-43.55	39.29	7.80	51.90	68.20	16.30
17 118.81	1 000	H	41.70	13.41	-43.93	40.92	10.40	52.10	68.20	16.10
27 790.00	1 000	V	41.70	15.20	-47.60	45.70	13.30	55.00	68.20	13.20
38 182.25	1 000	H	44.30	18.80	-49.40	44.40	13.80	58.10	68.20	10.10

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802.11a_Lowest Channel (5 745 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μ V)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μ V/m)]	Limit [dB(μ V/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
5 257.00	1 000	H	62.70	7.39	-46.35	34.96	-4.00	58.70	68.20	9.50
5 724.50	1 000	H	69.00	7.58	-46.44	34.96	-3.90	65.10	68.20	3.10
15 090.50	1 000	H	44.80	12.87	-46.43	39.76	6.20	51.00	68.20	17.20
17 613.31	1 000	V	41.50	13.54	-43.55	40.91	10.90	52.40	68.20	15.80
27 957.75	1 000	H	41.00	15.20	-47.40	45.70	13.50	54.50	68.20	13.70
38 856.00	1 000	V	43.40	18.40	-49.60	44.30	13.10	56.50	68.20	11.70

802.11a_Middle Channel (5 785 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μ V)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μ V/m)]	Limit [dB(μ V/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
4 465.69	1 000	H	49.80	7.03	-46.30	34.07	-5.20	44.60	68.20	23.60
5 233.63	1 000	H	62.30	7.29	-46.35	34.96	-4.10	58.20	68.20	10.00
13 194.44	1 000	H	45.20	11.99	-46.85	38.76	3.90	49.10	68.20	19.10
17 437.94	1 000	V	40.50	13.49	-43.70	40.91	10.70	51.20	68.20	17.00
27 487.50	1 000	H	42.80	15.10	-47.60	45.50	13.00	55.80	68.20	12.40
38 586.50	1 000	V	44.10	18.60	-49.60	44.30	13.30	57.40	68.20	10.80

802.11a_Highest Channel (5 825 Mhz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μV)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
5 294.81	1 000	H	63.90	7.40	-46.36	34.96	-4.00	59.90	68.20	8.30
5 857.19	1 000	H	51.30	7.51	-46.47	34.96	-4.00	47.30	68.20	20.90
12 743.06	1 000	V	43.40	11.75	-47.06	38.61	3.30	46.70	68.20	21.50
17 455.19	1 000	V	39.70	13.50	-43.71	40.91	10.70	50.40	68.20	17.80
27 856.00	1 000	H	42.70	15.20	-47.50	45.70	13.40	56.10	68.20	12.10
38 352.75	1 000	H	42.70	18.70	-49.50	44.40	13.60	56.30	68.20	11.90

802.11n HT20_Lowest Channel (5 745 Mhz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μV)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
5 453.63	1 000	H	63.00	7.43	-46.39	34.96	-4.00	59.00	74.00	15.00
5 723.81	1 000	H	66.20	7.58	-46.44	34.96	-3.90	62.30	68.20	5.90
12 830.75	1 000	H	42.40	11.82	-47.04	38.62	3.40	45.80	68.20	22.40
17 331.56	1 000	H	39.20	13.47	-43.78	40.91	10.60	49.80	68.20	18.40
27 317.00	1 000	H	42.00	15.10	-47.70	45.50	12.90	54.90	68.20	13.30
38 924.75	1 000	H	43.50	18.40	-49.70	44.30	13.00	56.50	68.20	11.70
Average DATA. Emissions above 1 GHz										
5 453.63	1 000	H	49.60	7.43	-46.39	34.96	-4.00	45.60	54.00	8.40
Above 6 000.00	Not Detected	-	-	-	-	-	-	-	-	-

802.11n HT20_Middle Channel (5 785 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μV)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
4 465.00	1 000	H	45.80	7.03	-46.30	34.07	-5.20	40.60	68.20	27.60
5 285.88	1 000	H	64.80	7.40	-46.36	34.96	-4.00	60.80	68.20	7.40
14 667.87	1 000	V	44.80	12.58	-45.62	39.54	6.50	51.30	68.20	16.90
17 360.31	1 000	H	39.10	13.47	-43.78	40.91	10.60	49.70	68.20	18.50
27 418.75	1 000	H	41.00	15.10	-47.60	45.50	13.00	54.00	68.20	14.20
38 754.25	1 000	H	45.60	18.50	-49.70	44.30	13.10	58.70	68.20	9.50

802.11n HT20_Highest Channel (5 825 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μV)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
5 263.19	1 000	H	65.10	7.39	-46.35	34.96	-4.00	61.10	68.20	7.10
5 856.50	1 000	H	49.40	7.51	-46.47	34.96	-4.00	45.40	68.20	22.80
12 971.62	1 000	H	42.30	11.95	-47.08	38.63	3.50	45.80	68.20	22.40
17 314.31	1 000	V	41.10	13.46	-43.77	40.91	10.60	51.70	68.20	16.50
27 317.00	1 000	H	42.50	15.10	-47.70	45.50	12.90	55.40	68.20	12.80
38 924.75	1 000	V	43.30	18.40	-49.70	44.30	13.00	56.30	68.20	11.90

802.11ac VHT20_Lowest Channel (5 745 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μ V)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μ V/m)]	Limit [dB(μ V/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
5 391.75	1 000	H	63.60	7.32	-46.38	34.96	-4.10	59.50	74.00	14.50
5 724.50	1 000	H	63.90	7.58	-46.44	34.96	-3.90	60.00	68.20	8.20
12 935.69	1 000	V	42.80	11.91	-47.04	38.63	3.50	46.30	68.20	21.90
16 592.69	1 000	V	40.20	13.31	-44.92	40.81	9.20	49.40	68.20	18.80
27 924.75	1 000	V	41.60	15.20	-47.40	45.70	13.50	55.10	68.20	13.10
38 655.25	1 000	H	43.40	18.50	-49.60	44.30	13.20	56.60	68.20	11.60
Average DATA. Emissions above 1 GHz										
5 391.75	1 000	H	50.70	7.32	-46.38	34.96	-4.10	46.60	54.00	7.40
Above 6 000.00	Not Detected	-	-	-	-	-	-	-	-	-

802.11ac VHT20_Middle Channel (5 785 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μ V)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μ V/m)]	Limit [dB(μ V/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
4 465.00	1 000	H	46.60	7.03	-46.30	34.07	-5.20	41.40	68.20	26.80
5 308.56	1 000	H	64.80	7.40	-46.36	34.96	-4.00	60.80	68.20	7.40
14 764.19	1 000	V	42.80	12.66	-45.84	39.58	6.40	49.20	68.20	19.00
17 314.31	1 000	V	39.20	13.46	-43.77	40.91	10.60	49.80	68.20	18.40
28 362.00	1 000	H	41.60	15.30	-47.40	45.80	13.70	55.30	68.20	12.90
38 957.75	1 000	V	43.90	18.40	-49.70	44.30	13.00	56.90	68.20	11.30

802.11ac VHT20_Highest Channel (5 825 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μV)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
5 290.00	1 000	H	64.30	7.40	-46.36	34.96	-4.00	60.30	68.20	7.90
5 850.31	1 000	H	53.00	7.51	-46.47	34.96	-4.00	49.00	68.20	19.20
12 882.50	1 000	V	42.70	11.87	-46.99	38.62	3.50	46.20	68.20	22.00
17 278.37	1 000	H	40.40	13.45	-43.86	40.91	10.50	50.90	68.20	17.30
27 487.50	1 000	H	41.90	15.10	-47.60	45.50	13.00	54.90	68.20	13.30
38 451.75	1 000	V	44.80	18.60	-49.40	44.30	13.50	58.30	68.20	9.90

802.11n HT40_Lowest Channel (5 755 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μV)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
5 226.75	1 000	H	57.40	7.29	-46.35	34.96	-4.10	53.30	68.20	14.90
5 724.50	1 000	H	64.30	7.58	-46.44	34.96	-3.90	60.40	68.20	7.80
14 219.37	1 000	H	45.10	12.23	-44.00	39.37	7.60	52.70	68.20	15.50
16 877.31	1 000	V	42.00	13.36	-44.25	40.89	10.00	52.00	68.20	16.20
27 317.00	1 000	H	43.40	15.10	-47.70	45.50	12.90	56.30	68.20	11.90
38 317.00	1 000	V	42.90	18.70	-49.50	44.40	13.60	56.50	68.20	11.70

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**802.11n HT40_Highest Channel (5 795 MHz)**

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μV)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
5 327.13	1 000	H	60.50	7.31	-46.37	34.96	-4.10	56.40	68.20	11.80
5 855.81	1 000	H	48.50	7.51	-46.47	34.96	-4.00	44.50	68.20	23.70
14 115.87	1 000	V	43.70	12.15	-43.68	39.33	7.80	51.50	68.20	16.70
17 072.81	1 000	H	41.60	13.40	-44.02	40.92	10.30	51.90	68.20	16.30
27 655.25	1 000	H	43.90	15.10	-47.50	45.60	13.20	57.10	68.20	11.10
38 990.75	1 000	H	44.20	18.40	-49.70	44.30	13.00	57.20	68.20	11.00

802.11ac VHT40_Lowest Channel (5 755 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μV)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
5 316.13	1 000	H	56.30	7.40	-46.36	34.96	-4.00	52.30	68.20	15.90
5 852.38	1 000	H	48.20	7.51	-46.47	34.96	-4.00	44.20	68.20	24.00
14 113.00	1 000	V	43.70	12.15	-43.68	39.33	7.80	51.50	68.20	16.70
17 621.94	1 000	H	42.10	13.54	-43.55	40.91	10.90	53.00	68.20	15.20
28 293.25	1 000	V	42.60	15.50	-47.60	45.80	13.70	56.30	68.20	11.90
38 182.25	1 000	V	45.60	18.60	-49.20	44.40	13.80	59.40	68.20	8.80

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**802.11ac VHT40_Highest Channel (5 795 MHz)**

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μV)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
5 259.75	1 000	H	58.40	7.39	-46.35	34.96	-4.00	54.40	68.20	13.80
5 855.81	1 000	H	47.80	7.51	-46.47	34.96	-4.00	43.80	68.20	24.40
14 292.69	1 000	H	44.60	12.29	-44.29	39.40	7.40	52.00	68.20	16.20
17 548.62	1 000	V	42.50	13.52	-43.63	40.91	10.80	53.30	68.20	14.90
27 957.75	1 000	V	41.10	15.40	-47.60	45.70	13.50	54.60	68.20	13.60
38 823.00	1 000	H	43.60	18.30	-49.50	44.30	13.10	56.70	68.20	11.50

802.11ac VHT80_Lowest Channel (5 775 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μV)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
5 235.00	1 000	H	59.80	7.29	-46.35	34.96	-4.10	55.70	68.20	12.50
5 721.75	1 000	H	63.20	7.58	-46.44	34.96	-3.90	59.30	68.20	8.90
5 858.56	1 000	H	49.20	7.51	-46.47	34.96	-4.00	45.20	68.20	23.00
14 180.56	1 000	V	44.60	12.20	-43.86	39.36	7.70	52.30	68.20	15.90
17 013.87	1 000	H	41.50	13.38	-44.10	40.92	10.20	51.70	68.20	16.50
29 470.25	1 000	H	41.80	16.20	-48.30	45.80	13.70	55.50	68.20	12.70
39 056.75	1 000	H	43.70	18.20	-49.60	44.40	13.00	56.70	68.20	11.50

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802.11a_Lowest Channel (5 745 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μ V)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μ V/m)]	Limit [dB(μ V/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
5 280.38	1 000	H	62.70	7.40	-46.36	34.96	-4.00	58.70	68.20	9.50
5 724.50	1 000	H	65.30	7.58	-46.44	34.96	-3.90	61.40	68.20	6.80
12 735.87	1 000	H	45.30	11.74	-47.05	38.61	3.30	48.60	68.20	19.60
17 489.69	1 000	H	41.10	13.51	-43.62	40.91	10.80	51.90	68.20	16.30
27 451.75	1 000	H	42.60	15.10	-47.60	45.50	13.00	55.60	68.20	12.60
38 451.75	1 000	V	42.90	18.60	-49.40	44.30	13.50	56.40	68.20	11.80

802.11a_Middle Channel (5 785 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μ V)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μ V/m)]	Limit [dB(μ V/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
4 125.38	1 000	H	46.80	6.60	-46.30	33.50	-6.20	40.60	68.20	27.60
5 283.13	1 000	H	63.10	7.40	-46.36	34.96	-4.00	59.10	68.20	9.10
14 941.00	1 000	H	42.70	12.79	-46.24	39.65	6.20	48.90	68.20	19.30
17 596.06	1 000	H	40.50	13.53	-43.54	40.91	10.90	51.40	68.20	16.80
27 754.25	1 000	H	41.30	15.20	-47.60	45.70	13.30	54.60	68.20	13.60
38 418.75	1 000	H	43.50	18.60	-49.40	44.30	13.50	57.00	68.20	11.20

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**802.11a_Highest Channel (5 825 MHz)**

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μV)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
5 222.63	1 000	H	66.20	7.28	-46.34	34.96	-4.10	62.10	68.20	6.10
5 852.38	1 000	H	51.50	7.51	-46.47	34.96	-4.00	47.50	68.20	20.70
8 634.69	1 000	H	45.60	9.47	-45.68	36.01	-0.20	45.40	68.20	22.80
17 402.00	1 000	V	39.20	13.48	-43.69	40.91	10.70	49.90	68.20	18.30
27 688.25	1 000	H	41.80	15.10	-47.50	45.60	13.20	55.00	68.20	13.20
38 655.25	1 000	V	43.00	18.50	-49.60	44.30	13.20	56.20	68.20	12.00

802.11n HT20_Lowest Channel (5 745 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μV)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
5 241.19	1 000	H	63.40	7.29	-46.35	34.96	-4.10	59.30	68.20	8.90
5 724.50	1 000	H	64.40	7.58	-46.44	34.96	-3.90	60.50	68.20	7.70
9 973.00	1 000	V	45.50	10.04	-43.65	37.31	3.70	49.20	68.20	19.00
17 348.81	1 000	H	39.40	13.47	-43.78	40.91	10.60	50.00	68.20	18.20
27 790.00	1 000	H	40.80	15.20	-47.60	45.70	13.30	54.10	68.20	14.10
38 586.50	1 000	V	44.80	18.60	-49.60	44.30	13.30	58.10	68.20	10.10

802.11n HT20_Middle Channel (5 785 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μ V)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μ V/m)]	Limit [dB(μ V/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
4 473.25	1 000	H	47.20	7.02	-46.30	34.08	-5.20	42.00	68.20	26.20
5 217.81	1 000	H	64.90	7.28	-46.34	34.96	-4.10	60.80	68.20	7.40
12 848.00	1 000	V	41.60	11.84	-47.06	38.62	3.40	45.00	68.20	23.20
17 348.81	1 000	H	39.00	13.47	-43.78	40.91	10.60	49.60	68.20	18.60
27 790.00	1 000	H	41.80	15.20	-47.60	45.70	13.30	55.10	68.20	13.10
38 182.25	1 000	V	44.50	18.80	-49.40	44.40	13.80	58.30	68.20	9.90

802.11n HT20_Highest Channel (5 825 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μ V)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μ V/m)]	Limit [dB(μ V/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
5 210.94	1 000	H	64.60	7.28	-46.34	34.96	-4.10	60.50	68.20	7.70
5 850.31	1 000	H	51.10	7.51	-46.47	34.96	-4.00	47.10	68.20	21.10
13 111.06	1 000	H	43.00	11.98	-47.08	38.70	3.60	46.60	68.20	21.60
17 314.31	1 000	H	41.30	13.46	-43.77	40.91	10.60	51.90	68.20	16.30
25 837.50	1 000	H	43.70	14.40	-46.90	46.20	13.70	57.40	68.20	10.80
38 050.25	1 000	V	43.50	18.80	-49.40	44.40	13.80	57.30	68.20	10.90

802.11ac VHT20_Lowest Channel (5 745 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μV)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
5 219.19	1 000	H	63.10	7.28	-46.34	34.96	-4.10	59.00	68.20	9.20
5 723.81	1 000	H	63.50	7.58	-46.44	34.96	-3.90	59.60	68.20	8.60
12 848.00	1 000	H	41.40	11.84	-47.06	38.62	3.40	44.80	68.20	23.40
17 402.00	1 000	H	40.60	13.48	-43.69	40.91	10.70	51.30	68.20	16.90
27 754.25	1 000	V	42.00	15.20	-47.60	45.70	13.30	55.30	68.20	12.90
38 182.25	1 000	H	44.50	18.80	-49.40	44.40	13.80	58.30	68.20	9.90

802.11ac VHT20_Middle Channel (5 785 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μV)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
4 456.75	1 000	H	48.00	7.05	-46.30	34.05	-5.20	42.80	68.20	25.40
5 299.63	1 000	H	63.10	7.40	-46.36	34.96	-4.00	59.10	68.20	9.10
12 743.06	1 000	H	43.60	11.75	-47.06	38.61	3.30	46.90	68.20	21.30
17 278.37	1 000	H	40.10	13.45	-43.86	40.91	10.50	50.60	68.20	17.60
27 957.75	1 000	H	40.50	15.20	-47.40	45.70	13.50	54.00	68.20	14.20
38 688.25	1 000	H	43.20	18.50	-49.60	44.30	13.20	56.40	68.20	11.80

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**802.11ac VHT20_Highest Channel (5 825 MHz)**

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μV)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
5 240.50	1 000	H	65.50	7.29	-46.35	34.96	-4.10	61.40	68.20	6.80
5 855.81	1 000	H	50.90	7.51	-46.47	34.96	-4.00	46.90	68.20	21.30
12 743.06	1 000	V	43.40	11.75	-47.06	38.61	3.30	46.70	68.20	21.50
17 331.56	1 000	H	38.90	13.47	-43.78	40.91	10.60	49.50	68.20	18.70
28 763.50	1 000	V	41.60	15.50	-47.60	45.90	13.80	55.40	68.20	12.80
39 496.75	1 000	H	44.80	18.70	-49.80	45.10	14.00	58.80	68.20	9.40

802.11n HT40_Lowest Channel (5 755 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μV)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
5 195.81	1 000	H	57.10	7.28	-46.34	34.96	-4.10	53.00	68.20	15.20
5 724.50	1 000	H	64.50	7.58	-46.44	34.96	-3.90	60.60	68.20	7.60
14 281.19	1 000	V	45.60	12.28	-44.18	39.40	7.50	53.10	68.20	15.10
17 679.44	1 000	V	41.80	13.56	-43.47	40.91	11.00	52.80	68.20	15.40
28 023.75	1 000	H	41.40	15.20	-47.50	45.80	13.50	54.90	68.20	13.30
39 562.75	1 000	V	44.40	18.80	-49.80	45.20	14.20	58.60	68.20	9.60

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**802.11n HT40_Highest Channel (5 795 MHz)**

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μV)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
5 279.69	1 000	H	60.50	7.40	-46.36	34.96	-4.00	56.50	68.20	11.70
5 853.06	1 000	H	49.00	7.51	-46.47	34.96	-4.00	45.00	68.20	23.20
14 243.81	1 000	H	44.60	12.25	-44.03	39.38	7.60	52.20	68.20	16.00
17 509.81	1 000	H	41.10	13.51	-43.62	40.91	10.80	51.90	68.20	16.30
27 487.50	1 000	H	43.00	15.10	-47.60	45.50	13.00	56.00	68.20	12.20
38 083.25	1 000	V	44.50	18.80	-49.40	44.40	13.80	58.30	68.20	9.90

802.11ac VHT40_Lowest Channel (5 755 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μV)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
5 207.50	1 000	H	59.60	7.28	-46.34	34.96	-4.10	55.50	68.20	12.70
5 723.81	1 000	H	65.60	7.58	-46.44	34.96	-3.90	61.70	68.20	6.50
13 993.69	1 000	H	44.60	12.06	-43.55	39.29	7.80	52.40	68.20	15.80
17 754.19	1 000	V	39.90	13.58	-43.28	40.90	11.20	51.10	68.20	17.10
27 182.25	1 000	H	42.60	15.10	-47.70	45.40	12.80	55.40	68.20	12.80
38 754.25	1 000	V	43.00	18.50	-49.70	44.30	13.10	56.10	68.20	12.10

802.11ac VHT40_Highest Channel (5 795 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μV)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
5 270.75	1 000	H	62.40	7.39	-46.35	34.96	-4.00	58.40	68.20	9.80
5 850.31	1 000	H	49.40	7.51	-46.47	34.96	-4.00	45.40	68.20	22.80
14 015.25	1 000	V	44.10	12.07	-43.47	39.30	7.90	52.00	68.20	16.20
17 502.62	1 000	V	41.40	13.51	-43.62	40.91	10.80	52.20	68.20	16.00
26 915.50	1 000	H	43.00	15.00	-47.60	45.40	12.80	55.80	68.20	12.40
38 655.25	1 000	V	43.60	18.50	-49.60	44.30	13.20	56.80	68.20	11.40

802.11ac VHT80_Lowest Channel (5 775 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μV)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
5 217.81	1 000	H	62.40	7.28	-46.34	34.96	-4.10	58.30	68.20	9.90
5 724.50	1 000	H	65.90	-46.44	34.96	-3.90	-3.90	62.00	68.20	5.90
5 853.75	1 000	H	49.90	-46.47	34.96	-4.00	-4.00	45.90	68.20	23.60
14 167.62	1 000	V	44.70	12.19	-43.84	39.35	7.70	52.40	68.20	15.80
17 425.00	1 000	H	41.00	13.49	-43.70	40.91	10.70	51.70	68.20	16.50
27 721.25	1 000	V	42.10	15.10	-47.40	45.60	13.30	55.40	68.20	12.80
39 326.25	1 000	H	44.00	18.60	-49.90	44.80	13.50	57.50	68.20	10.70

- MIMO (ANT 1+2)

802.11n HT20_Lowest Channel (5 745 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μ V)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μ V/m)]	Limit [dB(μ V/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
5 285.88	1 000	H	63.20	7.40	-46.36	34.96	-4.00	59.20	68.20	9.00
5 723.81	1 000	H	62.00	7.58	-46.44	34.96	-3.90	58.10	68.20	10.10
8 685.00	1 000	V	45.90	9.49	-45.62	36.03	-0.10	45.80	68.20	22.40
17 384.75	1 000	H	39.40	13.48	-43.79	40.91	10.60	50.00	68.20	18.20
27 990.75	1 000	H	40.40	15.20	-47.50	45.80	13.50	53.90	68.20	14.30
38 990.75	1 000	V	44.00	18.40	-49.70	44.30	13.00	57.00	68.20	11.20

802.11n HT20_Middle Channel (5 785 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μ V)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μ V/m)]	Limit [dB(μ V/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
4 456.75	1 000	H	48.60	7.05	-46.30	34.05	-5.20	43.40	68.20	24.80
5 288.63	1 000	H	65.00	7.40	-46.36	34.96	-4.00	61.00	68.20	7.20
12 794.81	1 000	V	43.00	11.79	-47.01	38.62	3.40	46.40	68.20	21.80
17 419.25	1 000	H	39.90	13.49	-43.70	40.91	10.70	50.60	68.20	17.60
26 780.75	1 000	H	42.70	14.90	-47.60	45.60	12.90	55.60	68.20	12.60
38 823.00	1 000	H	43.40	18.50	-49.70	44.30	13.10	56.50	68.20	11.70

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**802.11n HT20_Highest Channel (5 825 MHz)**

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μ V)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μ V/m)]	Limit [dB(μ V/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
5 256.31	1 000	H	65.00	7.39	-46.35	34.96	-4.00	61.00	68.20	7.20
5 856.50	1 000	H	51.30	7.51	-46.47	34.96	-4.00	47.30	68.20	20.90
12 848.00	1 000	H	44.70	11.84	-47.06	38.62	3.40	48.10	68.20	20.10
17 419.25	1 000	V	39.90	13.49	-43.70	40.91	10.70	50.60	68.20	17.60
25 906.25	1 000	H	43.70	14.40	-47.00	46.30	13.70	57.40	68.20	10.80
39 191.50	1 000	V	44.40	18.50	-49.90	44.60	13.20	57.60	68.20	10.60

802.11ac VHT20_Lowest Channel (5 745 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μ V)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μ V/m)]	Limit [dB(μ V/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
5 243.25	1 000	H	63.60	7.29	-46.35	34.96	-4.10	59.50	68.20	8.70
5 724.50	1 000	H	58.20	7.58	-46.44	34.96	-3.90	54.30	68.20	13.90
12 444.06	1 000	H	44.60	11.49	-47.19	38.60	2.90	47.50	68.20	20.70
17 261.12	1 000	H	41.00	13.45	-43.86	40.91	10.50	51.50	68.20	16.70
27 924.75	1 000	V	41.20	15.20	-47.40	45.70	13.50	54.70	68.20	13.50
38 385.75	1 000	H	43.00	18.70	-49.40	44.30	13.60	56.60	68.20	11.60

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**802.11ac VHT20_Middle Channel (5 785 MHz)**

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μV)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
4 405.88	1 000	H	47.40	7.03	-46.30	33.97	-5.30	42.10	68.20	26.10
5 287.94	1 000	H	65.50	7.40	-46.36	34.96	-4.00	61.50	68.20	6.70
12 918.44	1 000	H	43.00	11.90	-47.03	38.63	3.50	46.50	68.20	21.70
17 419.25	1 000	H	39.40	13.49	-43.70	40.91	10.70	50.10	68.20	18.10
28 865.25	1 000	V	42.70	15.60	-47.70	45.90	13.80	56.50	68.20	11.70
38 990.75	1 000	H	42.70	18.40	-49.70	44.30	13.00	55.70	68.20	12.50

802.11ac VHT20_Highest Channel (5 825 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μV)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
5 299.63	1 000	H	64.90	7.40	-46.36	34.96	-4.00	60.90	68.20	7.30
5 859.94	1 000	H	50.60	7.51	-46.47	34.96	-4.00	46.60	68.20	21.60
12 444.06	1 000	H	44.70	11.49	-47.19	38.60	2.90	47.60	68.20	20.60
16 857.19	1 000	H	41.60	13.35	-44.33	40.88	9.90	51.50	68.20	16.70
28 023.75	1 000	H	41.40	15.20	-47.50	45.80	13.50	54.90	68.20	13.30
38 990.75	1 000	V	43.40	18.40	-49.70	44.30	13.00	56.40	68.20	11.80

802.11n HT40_Lowest Channel (5 755 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μV)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
5 724.50	1 000	H	65.40	7.58	-46.44	34.96	-3.90	61.50	68.20	6.70
5 290.69	1 000	H	59.00	7.40	-46.36	34.96	-4.00	55.00	68.20	13.20
14 153.25	1 000	V	44.40	12.18	-43.83	39.35	7.70	52.10	68.20	16.10
17 414.94	1 000	H	41.60	13.49	-43.70	40.91	10.70	52.30	68.20	15.90
28 191.50	1 000	H	42.70	15.30	-47.40	45.80	13.70	56.40	68.20	11.80
38 754.25	1 000	V	43.50	18.50	-49.70	44.30	13.10	56.60	68.20	11.60

802.11n HT40_Highest Channel (5 795 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μV)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
5 853.75	1 000	H	48.80	7.51	-46.47	34.96	-4.00	44.80	68.20	23.40
5 223.31	1 000	H	61.30	7.28	-46.34	34.96	-4.10	57.20	68.20	11.00
14 243.81	1 000	H	44.60	12.25	-44.03	39.38	7.60	52.20	68.20	16.00
17 509.81	1 000	H	41.10	13.51	-43.62	40.91	10.80	51.90	68.20	16.30
27 385.75	1 000	V	41.70	15.10	-47.70	45.50	12.90	54.60	68.20	13.60
38 924.75	1 000	H	42.80	18.40	-49.70	44.30	13.00	55.80	68.20	12.40

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**802.11ac VHT40_Lowest Channel (5 755 MHz)**

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μ V)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μ V/m)]	Limit [dB(μ V/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
5 722.44	1 000	H	62.90	7.58	-46.44	34.96	-3.90	59.00	68.20	9.20
5 342.94	1 000	H	57.70	7.31	-46.37	34.96	-4.10	53.60	68.20	14.60
14 279.75	1 000	V	44.40	12.28	-44.18	39.40	7.50	51.90	68.20	16.30
17 554.37	1 000	H	41.60	13.52	-43.63	40.91	10.80	52.40	68.20	15.80
27 385.75	1 000	H	42.20	15.10	-47.70	45.50	12.90	55.10	68.20	13.10
38 790.00	1 000	H	43.00	18.50	-49.70	44.30	13.10	56.10	68.20	12.10

802.11ac VHT40_Highest Channel (5 795 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μ V)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μ V/m)]	Limit [dB(μ V/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
5276.94	1 000	H	57.30	7.40	-46.36	34.96	-4.00	53.30	68.20	14.90
5856.50	1 000	H	47.40	7.51	-46.47	34.96	-4.00	43.40	68.20	24.80
14268.25	1 000	H	44.10	12.27	-44.16	39.39	7.50	51.60	68.20	16.60
17383.31	1 000	H	41.40	13.48	-43.79	40.91	10.60	52.00	68.20	16.20
26173.00	1 000	H	42.60	14.50	-47.10	46.20	13.60	56.20	68.20	12.00
39362.00	1 000	V	44.30	18.60	-49.90	44.90	13.60	57.90	68.20	10.30

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**802.11ac VHT80_Lowest Channel (5 775 MHz)**

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μ V)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μ V/m)]	Limit [dB(μ V/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
5 261.81	1 000	H	60.30	7.39	-46.35	34.96	-4.00	56.30	68.20	11.90
5 723.81	1 000	H	64.80	7.58	-46.44	34.96	-3.90	60.90	68.20	7.30
5 857.88	1 000	H	49.10	7.48	-46.44	34.96	-4.00	45.10	68.20	23.10
14 010.94	1 000	V	45.10	12.07	-43.46	39.29	7.90	53.00	68.20	15.20
17 518.44	1 000	H	42.60	13.51	-43.62	40.91	10.80	53.40	68.20	14.80
24 594.50	1 000	V	44.90	14.30	-47.60	45.20	11.90	56.80	68.20	11.40
37 948.50	1 000	H	44.20	18.80	-49.50	44.50	13.80	58.00	68.20	10.20

- MIMO (ANT 1+2+3)

802.11n HT20_Lowest Channel (5 745 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μ V)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μ V/m)]	Limit [dB(μ V/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
5 255.63	1 000	H	64.00	7.39	-46.35	34.96	-4.00	60.00	68.20	8.20
5 723.81	1 000	H	58.70	7.58	-46.44	34.96	-3.90	54.80	68.20	13.40
12 777.56	1 000	V	43.80	11.78	-47.00	38.62	3.40	47.20	68.20	21.00
17 314.31	1 000	H	41.00	13.46	-43.77	40.91	10.60	51.60	68.20	16.60
27 182.25	1 000	V	42.10	15.10	-47.70	45.40	12.80	54.90	68.20	13.30
39 158.50	1 000	H	44.00	18.50	-49.90	44.50	13.10	57.10	68.20	11.10

802.11n HT20_Middle Channel (5 785 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μ V)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μ V/m)]	Limit [dB(μ V/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
4 495.25	1 000	H	49.00	7.08	-46.30	34.12	-5.10	43.90	68.20	24.30
5 235.00	1 000	H	66.10	7.29	-46.35	34.96	-4.10	62.00	68.20	6.20
12935.69	1 000	H	42.80	11.91	-47.04	38.63	3.50	46.30	68.20	21.90
17630.56	1 000	V	40.00	13.54	-43.55	40.91	10.90	50.90	68.20	17.30
26 107.00	1 000	H	42.20	14.50	-47.10	46.30	13.70	55.90	68.20	12.30
38 218.00	1 000	V	43.70	18.70	-49.40	44.40	13.70	57.40	68.20	10.80

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**802.11n HT20_Highest Channel (5 825 MHz)**

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μV)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
5 281.06	1 000	H	64.80	7.40	-46.36	34.96	-4.00	60.80	68.20	7.40
5 858.56	1 000	H	50.20	7.51	-46.47	34.96	-4.00	46.20	68.20	22.00
12 865.25	1 000	V	43.10	11.85	-47.07	38.62	3.40	46.50	68.20	21.70
17 297.06	1 000	H	40.70	13.46	-43.77	40.91	10.60	51.30	68.20	16.90
28 125.50	1 000	V	41.70	15.20	-47.40	45.80	13.60	55.30	68.20	12.90
39 125.50	1 000	H	44.50	18.50	-49.90	44.50	13.10	57.60	68.20	10.60

802.11ac VHT20_Lowest Channel (5 745 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μV)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
5254.94	1 000	H	60.70	7.39	-46.35	34.96	-4.00	56.70	68.20	11.50
5724.50	1 000	H	58.20	7.58	-46.44	34.96	-3.90	54.30	68.20	13.90
12918.44	1 000	H	41.70	11.90	-47.03	38.63	3.50	45.20	68.20	23.00
17331.56	1 000	V	38.80	13.47	-43.78	40.91	10.60	49.40	68.20	18.80
27856.00	1 000	H	42.80	15.20	-47.50	45.70	13.40	56.20	68.20	12.00
38790.00	1 000	V	44.10	18.50	-49.70	44.30	13.10	57.20	68.20	11.00

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**802.11ac VHT20_Middle Channel (5 785 MHz)**

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μV)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
4 439.56	1 000	H	46.70	7.08	-46.30	34.02	-5.20	41.50	68.20	26.70
5 305.13	1 000	H	63.40	7.40	-46.36	34.96	-4.00	59.40	68.20	8.80
12 425.37	1 000	H	44.30	11.47	-47.17	38.60	2.90	47.20	68.20	21.00
17 209.37	1 000	H	40.30	13.43	-43.85	40.92	10.50	50.80	68.20	17.40
27 251.00	1 000	H	42.40	15.10	-47.70	45.40	12.80	55.20	68.20	13.00
38 418.75	1 000	H	44.10	18.60	-49.40	44.30	13.50	57.60	68.20	10.60

802.11ac VHT20_Highest Channel (5 825 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μV)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
5 227.44	1 000	H	65.00	7.29	-46.35	34.96	-4.10	60.90	68.20	7.30
5 851.00	1 000	H	50.60	7.51	-46.47	34.96	-4.00	46.60	68.20	21.60
12 901.19	1 000	H	43.00	11.88	-47.00	38.62	3.50	46.50	68.20	21.70
17 085.75	1 000	V	40.80	13.40	-44.02	40.92	10.30	51.10	68.20	17.10
27 990.75	1 000	H	41.20	15.20	-47.50	45.80	13.50	54.70	68.20	13.50
38 520.50	1 000	V	43.10	18.60	-49.50	44.30	13.40	56.50	68.20	11.70

802.11n HT40_Lowest Channel (5 755 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μ V)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μ V/m)]	Limit [dB(μ V/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
5 195.81	1 000	H	57.10	7.28	-46.34	34.96	-4.10	53.00	68.20	15.20
5 724.50	1 000	H	64.50	7.58	-46.44	34.96	-3.90	60.60	68.20	7.60
14 213.62	1 000	V	44.10	12.23	-44.00	39.37	7.60	51.70	68.20	16.50
17 525.62	1 000	V	41.70	13.52	-43.63	40.91	10.80	52.50	68.20	15.70
28 428.00	1 000	H	42.10	15.40	-47.50	45.80	13.70	55.80	68.20	12.40
39 056.75	1 000	V	45.10	18.40	-49.80	44.40	13.00	58.10	68.20	10.10

802.11n HT40_Highest Channel (5 795 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μ V)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μ V/m)]	Limit [dB(μ V/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
5 250.13	1 000	H	61.70	7.29	-46.35	34.96	-4.10	57.60	68.20	10.60
5 850.31	1 000	H	49.40	7.51	-46.47	34.96	-4.00	45.40	68.20	22.80
14 160.44	1 000	H	44.30	12.19	-43.84	39.35	7.70	52.00	68.20	16.20
17 498.31	1 000	V	42.00	13.51	-43.62	40.91	10.80	52.80	68.20	15.40
27 619.50	1 000	V	41.80	15.10	-47.50	45.60	13.20	55.00	68.20	13.20
38 957.75	1 000	V	42.90	18.40	-49.70	44.30	13.00	55.90	68.20	12.30

802.11ac VHT40_Lowest Channel (5 755 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μ V)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μ V/m)]	Limit [dB(μ V/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
5 358.75	1 000	H	57.90	7.31	-46.37	34.96	-4.10	53.80	74.00	20.20
5 724.50	1 000	H	66.10	7.58	-46.44	34.96	-3.90	62.20	68.20	6.00
14 258.19	1 000	V	44.90	12.26	-44.15	39.39	7.50	52.40	68.20	15.80
17 511.25	1 000	V	42.20	13.51	-43.62	40.91	10.80	53.00	68.20	15.20
27 284.00	1 000	V	42.80	15.10	-47.80	45.50	12.80	55.60	68.20	12.60
38 757.75	1 000	H	43.60	18.50	-49.70	44.30	13.10	56.70	68.20	11.50
Average DATA. Emissions above 1 GHz										
5 358.75	1 000	H	57.90	7.31	-46.37	34.96	-4.10	42.40	54.00	11.60
Above 6 000.00	Not Detected	-	-	-	-	-	-	-	-	-

802.11ac VHT40_Highest Channel (5 795 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μ V)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μ V/m)]	Limit [dB(μ V/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
5 251.50	1 000	H	61.80	7.29	-46.35	34.96	-4.10	57.70	68.20	10.50
5 857.19	1 000	H	49.60	7.51	-46.47	34.96	-4.00	45.60	68.20	22.60
14 225.12	1 000	H	45.10	12.24	-44.02	39.38	7.60	52.70	68.20	15.50
17 527.06	1 000	V	41.30	13.52	-43.63	40.91	10.80	52.10	68.20	16.10
29 371.25	1 000	V	42.60	15.70	-47.80	45.80	13.70	56.30	68.20	11.90
38 754.25	1 000	H	43.90	18.50	-49.70	44.30	13.10	57.00	68.20	11.20

802.11ac VHT80_Lowest Channel (5 775 MHz)

Frequency [MHz]	Receiver Bandwidth [kHz]	Pol. [V/H]	Reading [dB(μ V)]	Cable Loss [dB]	Amp Gain [dB]	Antenna Factor [dB]	Factor [dB]	Result [dB(μ V/m)]	Limit [dB(μ V/m)]	Margin [dB]
Peak DATA. Emissions above 1 GHz										
5 164.19	1 000	H	62.30	7.27	-46.33	34.96	-4.10	58.20	68.20	10.00
5 721.75	1 000	H	62.40	7.58	-46.44	34.96	-3.90	58.50	68.20	9.70
5 850.31	1 000	H	49.10	7.51	-46.47	34.96	-4.00	45.10	68.20	23.10
14 127.37	1 000	H	43.90	12.16	-43.70	39.34	7.80	51.70	68.20	16.50
17 505.50	1 000	V	41.70	13.51	-43.62	40.91	10.80	52.50	68.20	15.70
29 236.50	1 000	V	42.30	15.70	-47.70	45.80	13.80	56.10	68.20	12.10
38 990.75	1 000	V	43.70	18.40	-49.70	44.30	13.00	56.70	68.20	11.50

5.6 Frequency Stability

5.6.1 Regulation

According to §15.407 (g) Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the users manual.

5.6.2 Measurement Procedure

The frequency stability of the carrier frequency of the intentional radiator shall be maintained all conditions of normal operation as specified in the users manual. The frequency stability shall be maintained over a temperature variation of specified in the users manual at normal supply voltage, and over a variation in the primary supply voltage of specified in the users manual of the rated supply voltage at a temperature of 20 °C. For equipment that is capable only of operating from a battery, the frequency stability tests shall be performed using a new battery without any further requirement to vary supply voltage.

1. The EUT was placed inside the environmental test chamber.
2. The temperature was incremented by 10 °C intervals from lowest temperature.
3. Each increase step of temperature measured the frequency.
4. The test temperature was set 20°C and the supply voltage was then adjusted on the EUT from 85 % to 115% and the frequency record.

5.6.3 Test Result

-Complied

- 5 150 Band

-5 180 MHz

Voltage [%]	Power [V]	Temp. [°C]	Reading Frequency [Hz]	Frequency Error [Hz]	Frequency Error [%]
100	3.30	-20	5 180 136 850	-136 850	-0.002 6
		-10	5 180 054 950	-54 950	-0.001 1
		0	5 179 971 850	28 150	0.000 5
		10	5 180 186 200	-186 200	-0.003 6
		20	5 180 120 000	-120 000	-0.002 3
		30	5 180 122 500	-122 500	-0.002 4
		40	5 180 076 250	-76 250	-0.001 5
		50	5 179 991 850	8 150	0.000 2
85	2.81	20	5 180 080 000	-80 000	-0.001 5
115	3.80	20	5 180 080 750	-80 750	-0.001 6

-5 200 MHz

Voltage [%]	Power [V]	Temp. [°C]	Reading Frequency [Hz]	Frequency Error [Hz]	Frequency Error [%]
100	3.30	-20	5 200 039 400	-39 400	-0.000 8
		-10	5 200 028 150	-28 150	-0.000 5
		0	5 199 973 750	26 250	0.000 5
		10	5 199 995 000	5 000	0.000 1
		20	5 200 094 350	-94 350	-0.001 8
		30	5 199 986 250	13 750	0.000 3
		40	5 200 218 150	-218 150	-0.004 2
		50	5 200 045 000	-45 000	-0.000 9
85	2.81	20	5 199 960 500	39 500	0.000 8
115	3.80	20	5 200 060 400	-60 400	-0.001 2

-5 240 MHz

Voltage [%]	Power [V]	Temp. [°C]	Reading Frequency [Hz]	Frequency Error [Hz]	Frequency Error [%]
100	3.30	-20	5 240 166 200	-40 166 200	-0.772 4
		-10	5 240 094 400	-40 094 400	-0.771 0
		0	5 240 076 850	-40 076 850	-0.770 7
		10	5 239 936 900	-39 936 900	-0.768 0
		20	5 239 992 500	-39 992 500	-0.769 1
		30	5 239 905 650	-39 905 650	-0.767 4
		40	5 240 008 150	-40 008 150	-0.769 4
		50	5 239 826 900	-39 826 900	-0.765 9
85	2.81	20	5 240 060 750	-40 060 750	-0.770 4
115	3.80	20	5 239 940 500	-39 940 500	-0.768 1

-5 190 MHz

Voltage [%]	Power [V]	Temp. [°C]	Reading Frequency [Hz]	Frequency Error [Hz]	Frequency Error [%]
100	3.30	-20	5 190 011 250	-11 250	-0.000 2
		-10	5 189 823 750	176 250	0.003 4
		0	5 190 030 000	-30 000	-0.000 6
		10	5 189 813 750	186 250	0.003 6
		20	5 189 872 500	127 500	0.002 5
		30	5 189 922 500	77 500	0.001 5
		40	5 190 047 500	-47 500	-0.000 9
		50	5 190 075 000	-75 000	-0.001 4
85	2.81	20	5 190 040 400	-40 400	-0.000 8
115	3.80	20	5 190 040 150	-40 150	-0.000 8

-5 230 MHz

Voltage [%]	Power [V]	Temp. [°C]	Reading Frequency [Hz]	Frequency Error [Hz]	Frequency Error [%]
100	3.30	-20	5 229 968 750	31 250	0.000 6
		-10	5 230 028 750	-28 750	-0.000 5
		0	5 229 888 750	111 250	0.002 1
		10	5 229 836 250	163 750	0.003 1
		20	5 229 956 250	43 750	0.000 8
		30	5 229 923 750	76 250	0.001 5
		40	5 230 140 000	-140 000	-0.002 7
		50	5 230 117 500	-117 500	-0.002 2
85	2.81	20	5 229 880 550	119 450	0.002 3
115	3.80	20	5 230 040 250	-40 250	-0.000 8

-5 210 MHz

Voltage [%]	Power [V]	Temp. [°C]	Reading Frequency [Hz]	Frequency Error [Hz]	Frequency Error [%]
100	3.30	-20	5 209 992 500	7 500	0.000 1
		-10	5 209 830 000	170 000	0.003 3
		0	5 209 835 000	165 000	0.003 2
		10	5 209 972 500	27 500	0.000 5
		20	5 209 985 000	15 000	0.000 3
		30	5 209 885 000	115 000	0.002 2
		40	5 210 082 500	-82 500	-0.001 6
		50	5 210 152 500	-152 500	-0.002 9
85	2.81	20	5 210 000 500	-500	0.000 0
115	3.80	20	5 210 080 500	-80 500	-0.001 5

- 5 725 Band**-5 745 MHz**

Voltage [%]	Power [V]	Temp. [°C]	Reading Frequency [Hz]	Frequency Error [Hz]	Frequency Error [%]
100	3.30	-20	5 745 070 000	-70 000	-0.001 2
		-10	5 744 952 500	47 500	0.000 8
		0	5 745 101 900	-101 900	-0.001 8
		10	5 745 015 000	-15 000	-0.000 3
		20	5 744 998 100	1 900	0.000 0
		30	5 744 976 250	23 750	0.000 4
		40	5 744 976 250	23 750	0.000 4
		50	5 745 150 000	-150 000	-0.002 6
85	2.81	20	5 745 024 850	-24 850	-0.000 4
115	3.80	20	5 745 014 800	-14 800	-0.000 3

-5 785 MHz

Voltage [%]	Power [V]	Temp. [°C]	Reading Frequency [Hz]	Frequency Error [Hz]	Frequency Error [%]
100	3.30	-20	5 784 930 000	70 000	0.001 2
		-10	5 784 798 150	201 850	0.003 5
		0	5 785 128 100	-128 100	-0.002 2
		10	5 785 010 000	-10 000	-0.000 2
		20	5 785 078 100	-78 100	-0.001 4
		30	5 784 984 350	15 650	0.000 3
		40	5 785 148 750	-148 750	-0.002 6
		50	5 785 091 900	-91 900	-0.001 6
85	2.81	20	5 784 965 000	35 000	0.000 6
115	3.80	20	5 784 945 000	55 000	0.001 0

-5 825 MHz

Voltage [%]	Power [V]	Temp. [°C]	Reading Frequency [Hz]	Frequency Error [Hz]	Frequency Error [%]
100	3.30	-20	5 825 008 100	-40 008 100	-0.691 6
		-10	5 824 949 400	-39 949 400	-0.690 6
		0	5 825 049 400	-40 049 400	-0.692 3
		10	5 824 959 350	-39 959 350	-0.690 7
		20	5 824 896 900	-39 896 900	-0.689 7
		30	5 824 961 850	-39 961 850	-0.690 8
		40	5 825 007 500	-40 007 500	-0.691 6
		50	5 824 948 150	-39 948 150	-0.690 5
85	2.81	20	5 824 940 500	-39 940 500	-0.690 4
115	3.80	20	5 824 962 450	-39 962 450	-0.690 8

-5 755 MHz

Voltage [%]	Power [V]	Temp. [°C]	Reading Frequency [Hz]	Frequency Error [Hz]	Frequency Error [%]
100	3.30	-20	5 754 933 750	66 250	0.001 2
		-10	5 755 043 750	-43 750	-0.000 8
		0	5 754 886 250	113 750	0.002 0
		10	5 755 003 750	-3 750	-0.000 1
		20	5 754 816 250	183 750	0.003 2
		30	5 755 087 500	-87 500	-0.001 5
		40	5 754 950 000	50 000	0.000 9
		50	5 755 013 750	-13 750	-0.000 2
85	2.81	20	5 755 000 500	-500	0.000 0
115	3.80	20	5 755 000 450	-450	0.000 0

-5 795 MHz

Voltage [%]	Power [V]	Temp. [°C]	Reading Frequency [Hz]	Frequency Error [Hz]	Frequency Error [%]
100	3.30	-20	5 794 970 000	30 000	0.000 5
		-10	5 794 833 750	166 250	0.002 9
		0	5 794 758 750	241 250	0.004 2
		10	5 795 143 750	-143 750	-0.002 5
		20	5 795 000 000	0	0.000 0
		30	5 795 128 750	-128 750	-0.002 2
		40	5 794 986 250	13 750	0.000 2
		50	5 795 048 750	-48 750	-0.000 8
85	2.81	20	5 795 000 550	-550	0.000 0
115	3.80	20	5 794 960 450	39 550	0.000 7

-5 775 MHz

Voltage [%]	Power [V]	Temp. [°C]	Reading Frequency [Hz]	Frequency Error [Hz]	Frequency Error [%]
100	3.30	-20	5 775 012 500	-12 500	-0.000 2
		-10	5 774 760 000	240 000	0.004 2
		0	5 774 622 500	377 500	0.006 5
		10	5 774 617 500	382 500	0.006 6
		20	5 775 052 500	-52 500	-0.000 9
		30	5 774 805 000	195 000	0.003 4
		40	5 775 040 000	-40 000	-0.000 7
		50	5 774 865 000	135 000	0.002 3
85	2.81	20	5 774 920 500	79 500	0.001 4
115	3.80	20	5 775 000 400	-400	0.000 0

5.7 Conducted Emission

5.7.1 Regulation

According to §15.207(a), for an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies, within the band 150 kHz to 30 MHz, shall not exceed the limits in the following table, as measured using a 50 µH/50 Ω line impedance stabilization network (LISN). Compliance with the provisions of this paragraph shall be based on the measurement of the radio frequency voltage between each power line and ground at the power terminal. The lower limit applies at the boundary between the frequency ranges.

Frequency of emission (MHz)	Conducted limit (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.

According to §15.107(a), for unintentional device, except for Class A digital devices, line conducted emission limits are the same as the above table.

5.7.2 Measurement Procedure

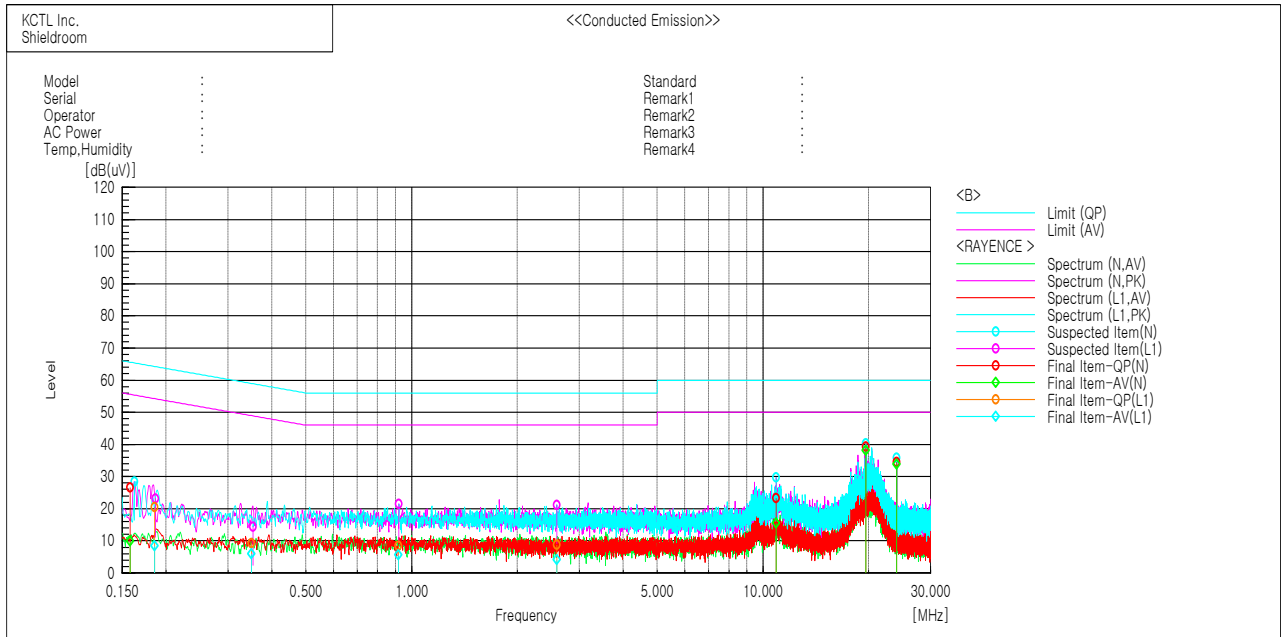
- 1) The EUT was placed on a wooden table of size, 1 m by 1.5 m, raised 80 cm in which is located 40 cm away from the vertical wall and 1.5m away from the side wall of the shielded room.
- 2) Each current-carrying conductor of the EUT power cord was individually connected through a 50Ω/50µH LISN, which is an input transducer to a Spectrum Analyzer or an EMI/Field Intensity Meter, to the input power source.
- 3) Exploratory measurements were made to identify the frequency of the emission that had the highest amplitude relative to the limit by operating the EUT in a range of typical modes of operation, cable position, and with a typical system equipment configuration and arrangement. Based on the exploratory tests of the EUT, the one EUT cable configuration and arrangement and mode of operation that had produced the emission with the highest amplitude relative to the limit was selected for the final measurement.
- 4) The final test on all current-carrying conductors of all of the power cords to the equipment that comprises the EUT (but not the cords associated with other non-EUT equipment is the system) was then performed over the frequency range of 0.15 MHz to 30 MHz.
- 5) The measurements were made with the detector set to PEAK amplitude within a bandwidth of 10 kHz or to QUASI-PEAK and AVERAGE within a bandwidth of 9 kHz. The EUT was in transmitting mode during the measurements.

5.7.3 Test Result

- Complied

Figure 4. plot of Conducted Emission

- Conducted worst-case data : 802.11a_ANT 2_Highest Chanel (5 240 MHz)



Final Result

--- N Phase ---

No.	Frequency [MHz]	Reading QP [dB(uV)]	Reading CAV [dB(uV)]	c.f [dB]	Result QP [dB(uV)]	Result CAV [dB(uV)]	Limit QP [dB(uV)]	Limit AV [dB(uV)]	Margin QP [dB]	Margin CAV [dB]
1	0.15802	16.6	0.0	9.9	26.5	9.9	65.6	55.6	39.1	45.7
2	10.910	13.3	5.7	9.9	23.2	15.6	60.0	50.0	36.8	34.4
3	19.62233	29.3	28.2	10.0	39.3	38.2	60.0	50.0	20.7	11.8
4	24.00283	24.5	23.7	10.1	34.6	33.8	60.0	50.0	25.4	16.2

--- L1 Phase ---

No.	Frequency [MHz]	Reading QP [dB(uV)]	Reading CAV [dB(uV)]	c.f [dB]	Result QP [dB(uV)]	Result CAV [dB(uV)]	Limit QP [dB(uV)]	Limit AV [dB(uV)]	Margin QP [dB]	Margin CAV [dB]
1	0.18527	10.4	-1.8	10.1	20.5	8.3	64.2	54.2	43.7	45.9
2	0.34993	-0.7	-3.9	9.9	9.2	6.0	59.0	49.0	49.8	43.0
3	0.91689	-1.4	-4.3	9.8	8.4	5.5	56.0	46.0	47.6	40.5
4	2.58672	-1.1	-5.6	9.8	8.7	4.2	56.0	46.0	47.3	41.8

6. Test equipment used for test

	Equipment Name	Manufacturer	Model No.	Serial No.	Next Cal. Date
■	Vector Signal Generator	R&S	SMBV100A	257566	17.01.07
■	Signal Generator	R&S	SMR40	100007	17.06.02
■	Spectrum Analyzer	R&S	FSV40	100988	17.01.07
■	DC Power Supply	Agilent	E3632A	MY40017108	17.07.07
■	Temp & Humid Chamber	Myeongseong R&P	CTHC-52P-DT	20150824-3	16.10.02
■	Highpass Filter	Wainwright Instruments GmbH	WHKX6.5 /18G-8SS	2	17.06.02
■	Double Ridged Horn Antenna	ETS-LINDGREN	3117-PA	OO161083	16.11.12
■	Horn antenna	ETS-LINDGREN	3116	00086635	17.05.03
■	Amplifier	L-3 Narda-MITEQ	JS44-18004000 -33-8P	2000996	17.06.26
■	LOOP Antenna	R&S	HFH2-Z2	100355	18.03.03
■	Antenna Mast	Innco Systems	MA4000-EP	MA4000/396 /30810213/L	-
■	Turn Table	Innco Systems	DT2000	79	-
■	50Ω Termination	-	50Ω	R1	17.08.30
■	50Ω Termination	-	50Ω	R2	17.08.30
■	Test Receiver	R&S	ESCI7	100732	17.08.25
■	Test Receiver	R&S	ESCI	101408	17.08.25
■	Bilog Antenna	VULB 9163	VULB 9163	552	18.06.27
■	Amplifier	SONOMA INSTRUMENT	310N	344922	17.08.26
■	Attenuator	AGILENT	DGA9552N	BU2404	17.04.08
■	Turn Table	Innco Systems	DT2000S-1t	079	-
■	Amplifier	SONOMA INSTRUMENT	310N	186280	17.04.07
■	Antenna Mast	Innco Systems	MA4000-EP	303	-
■	Two-Line V-Network	R&S	101352	ENV216	17.08.26