

A.2.2 Emissions outside the frequency band

The emissions (up to 40GHz) not reported for there is no emission be found.

Mode	802.11a	UNII Band	I
	CDD	Frequency	TX 5180MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
10360.00	37.59	15.77	-6.81	46.55	54.00	7.45	Average
10360.00	37.59	15.77	5.15	58.51	74.00	15.49	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
10360.00	37.59	15.77	-4.88	48.48	54.00	5.52	Average
10360.00	37.59	15.77	7.00	60.36	74.00	13.64	Peak

Mode	802.11a	UNII Band	I
	CDD	Frequency	TX 5200MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
10400.00	37.62	15.77	-6.85	46.54	54.00	7.46	Average
10400.00	37.62	15.77	4.98	58.37	74.00	15.63	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
10400.00	37.62	15.77	-4.72	48.67	54.00	5.33	Average
10400.00	37.62	15.77	6.99	60.38	74.00	13.62	Peak

Mode	802.11a	UNII Band	I
	CDD	Frequency	TX 5240MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10480.00	37.69	15.76	-6.48	46.97	54.00	7.03	Average
10480.00	37.69	15.76	5.32	58.77	74.00	15.23	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10480.00	37.69	15.76	-4.50	48.95	54.00	5.05	Average
10480.00	37.69	15.76	6.86	60.31	74.00	13.69	Peak

Mode	802.11a	UNII Band	II-2A
	CDD	Frequency	TX 5260MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10520.00	37.70	15.76	2.52	55.98	74.00	18.02	Peak
10520.00	37.70	15.76	-7.99	45.47	54.00	8.53	Average

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10520.00	37.70	15.76	-7.19	46.27	54.00	7.73	Average
10520.00	37.70	15.76	2.97	56.43	74.00	17.57	Peak

Mode	802.11a	UNII Band	II-2A
	CDD	Frequency	TX 5300MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
10600.00	37.72	15.75	-8.15	45.32	54.00	8.68	Average
10600.00	37.72	15.75	2.72	56.19	74.00	17.81	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
10600.00	37.72	15.75	-7.16	46.31	54.00	7.69	Average
10600.00	37.72	15.75	2.88	56.35	74.00	17.65	Peak

Mode	802.11a	UNII Band	II-2A
	CDD	Frequency	TX 5320MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
10640.00	37.73	15.75	-7.88	45.60	54.00	8.40	Average
10640.00	37.73	15.75	3.34	56.82	74.00	17.18	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
10650.00	37.73	15.74	-7.09	46.38	54.00	7.62	Average
10650.00	37.73	15.74	3.41	56.88	74.00	17.12	Peak

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Mode	802.11a	UNII Band	II-2C
	CDD	Frequency	TX 5500MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11000.00	37.80	15.71	-2.38	51.13	54.00	2.87	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11000.00	37.80	15.71	-3.35	50.16	54.00	3.84	Peak

Mode	802.11a	UNII Band	II-2C
	CDD	Frequency	TX 5580MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11160.00	38.03	15.85	-3.23	50.65	54.00	3.35	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11160.00	38.03	15.85	-2.63	51.25	54.00	2.75	Peak

Mode	802.11a	UNII Band	II-2C
	CDD	Frequency	TX 5700MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
11400.00	38.36	16.06	-2.83	51.59	54.00	2.41	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
11400.00	38.36	16.06	-2.64	51.78	54.00	2.22	Peak

Mode	802.11a	UNII Band	III
	CDD	Frequency	TX 5745MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
11490.00	38.48	16.13	-4.79	49.82	54.00	4.18	Average
11490.00	38.48	16.13	3.73	58.34	74.00	15.66	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
11490.00	38.48	16.13	-2.81	51.80	54.00	2.20	Average
11490.00	38.48	16.13	8.31	62.92	74.00	11.08	Peak

Mode	802.11a	UNII Band	III
	CDD	Frequency	TX 5785MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11570.00	38.56	16.20	-4.75	50.01	54.00	3.99	Average
11570.00	38.56	16.20	2.89	57.65	74.00	16.35	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11570.00	38.56	16.20	-2.86	51.90	54.00	2.10	Average
11570.00	38.56	16.20	7.82	62.58	74.00	11.42	Peak

Mode	802.11a	UNII Band	III
	CDD	Frequency	TX 5825MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11650.00	38.61	16.26	-4.57	50.30	54.00	3.70	Average
11650.00	38.61	16.26	3.17	58.04	74.00	15.96	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11650.00	38.61	16.26	-2.74	52.13	54.00	1.87	Average
11650.00	38.61	16.26	8.31	63.18	74.00	10.82	Peak

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Mode	802.11n-HT20	UNII Band	I
	CDD	Frequency	TX 5180MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
10360.00	37.59	15.77	-4.71	48.65	54.00	5.35	Average
10360.00	37.59	15.77	7.83	61.19	74.00	12.81	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
10360.00	37.59	15.77	-3.99	49.37	54.00	4.63	Average
10360.00	37.59	15.77	7.54	60.90	74.00	13.10	Peak

Mode	802.11n-HT20	UNII Band	I
	CDD	Frequency	TX 5200MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
10400.00	37.62	15.77	-4.92	48.47	54.00	5.53	Average
10400.00	37.62	15.77	7.97	61.36	74.00	12.64	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
10400.00	37.62	15.77	-4.06	49.33	54.00	4.67	Average
10400.00	37.62	15.77	6.63	60.02	74.00	13.98	Peak

Mode	802.11n-HT20	UNII Band	I
	CDD	Frequency	TX 5240MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10480.00	37.69	15.76	-4.92	48.53	54.00	5.47	Average
10480.00	37.69	15.76	6.90	60.35	74.00	13.65	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10480.00	37.69	15.76	-4.28	49.17	54.00	4.83	Average
10480.00	37.69	15.76	7.05	60.50	74.00	13.50	Peak

Mode	802.11n-HT20	UNII Band	II-2A
	CDD	Frequency	TX 5260MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10520.00	37.70	15.76	-7.47	45.99	54.00	8.01	Average
10520.00	37.70	15.76	1.75	55.21	74.00	18.79	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10520.00	37.70	15.76	-5.53	47.93	54.00	6.07	Average
10520.00	37.70	15.76	4.87	58.33	74.00	15.67	Peak

Mode	802.11n-HT20	UNII Band	II-2A
	CDD	Frequency	TX 5300MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
10600.00	37.72	15.75	-7.69	45.78	54.00	8.22	Average
10600.00	37.72	15.75	1.74	55.21	74.00	18.79	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
10600.00	37.72	15.75	-4.85	48.62	54.00	5.38	Average
10600.00	37.72	15.75	4.53	58.00	74.00	16.00	Peak

Mode	802.11n-HT20	UNII Band	II-2A
	CDD	Frequency	TX 5320MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
10650.00	37.73	15.74	-7.27	46.20	54.00	7.80	Average
10650.00	37.73	15.74	2.08	55.55	74.00	18.45	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
10640.00	37.73	15.75	-4.58	48.90	54.00	5.10	Average
10640.00	37.73	15.75	5.82	59.30	74.00	14.70	Peak

Mode	802.11n-HT20	UNII Band	II-2C
	CDD	Frequency	TX 5500MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11000.00	37.80	15.71	-10.77	42.74	54.00	11.26	Average
11000.00	37.80	15.71	0.43	53.94	74.00	20.06	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11000.00	37.80	15.71	-5.00	48.51	54.00	5.49	Average
11000.00	37.80	15.71	6.14	59.65	74.00	14.35	Peak

Mode	802.11n-HT20	UNII Band	II-2C
	CDD	Frequency	TX 5580MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11160.00	38.03	15.85	-0.94	52.94	54.00	1.06	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11160.00	38.03	15.85	-5.12	48.76	54.00	5.24	Average
11160.00	38.03	15.85	5.08	58.96	74.00	15.04	Peak

Mode	802.11n-HT20	UNII Band	II-2C
	CDD	Frequency	TX 5700MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11400.00	38.36	16.06	-1.40	53.02	54.00	0.98	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11400.00	38.36	16.06	-5.32	49.10	54.00	4.90	Average
11400.00	38.36	16.06	3.83	58.25	74.00	15.75	Peak

Mode	802.11n-HT20	UNII Band	III
	CDD	Frequency	TX 5745MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11650.00	38.61	16.26	-7.26	47.61	54.00	6.39	Average
11650.00	38.61	16.26	1.83	56.70	74.00	17.30	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11650.00	38.61	16.26	-2.93	51.94	54.00	2.06	Average
11650.00	38.61	16.26	8.25	63.12	74.00	10.88	Peak

Mode	802.11n-HT20	UNII Band	III
	CDD	Frequency	TX 5785MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11570.00	38.56	16.20	-7.84	46.92	54.00	7.08	Average
11570.00	38.56	16.20	0.91	55.67	74.00	18.33	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11570.00	38.56	16.20	-3.54	51.22	54.00	2.78	Average
11570.00	38.56	16.20	7.67	62.43	74.00	11.57	Peak

Mode	802.11n-HT20	UNII Band	III
	CDD	Frequency	TX 5825MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11650.00	38.61	16.26	-7.26	47.61	54.00	6.39	Average
11650.00	38.61	16.26	1.83	56.70	74.00	17.30	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11650.00	38.61	16.26	-2.93	51.94	54.00	2.06	Average
11650.00	38.61	16.26	8.25	63.12	74.00	10.88	Peak

Mode	802.11n-HT40	UNII Band	I
	CDD	Frequency	TX 5190MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
10380.00	37.61	15.77	-8.98	44.40	54.00	9.60	Average
10380.00	37.61	15.77	5.82	59.20	74.00	14.80	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
10380.00	37.61	15.77	-0.82	52.56	54.00	1.44	Average
10380.00	37.61	15.77	13.14	66.52	74.00	7.48	Peak

Mode	802.11n-HT40	UNII Band	I
	CDD	Frequency	TX 5230MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
10460.00	37.66	15.76	-9.26	44.16	54.00	9.84	Average
10460.00	37.66	15.76	4.75	58.17	74.00	15.83	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
10460.00	37.66	15.76	-1.53	51.89	54.00	2.11	Average
10460.00	37.66	15.76	12.28	65.70	74.00	8.30	Peak

Mode	802.11n-HT40	UNII Band	II-2A
	CDD	Frequency	TX 5270MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
10540.00	37.71	15.76	-8.29	45.18	54.00	8.82	Average
10540.00	37.71	15.76	2.18	55.65	74.00	18.35	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
10540.00	37.71	15.76	-4.82	48.65	54.00	5.35	Average
10540.00	37.71	15.76	5.97	59.44	74.00	14.56	Peak

Mode	802.11n-HT40	UNII Band	II-2A
	CDD	Frequency	TX 5310MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
10630.00	37.72	15.75	-7.82	45.65	54.00	8.35	Average
10630.00	37.72	15.75	3.10	56.57	74.00	17.43	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
10620.00	37.72	15.75	-4.56	48.91	54.00	5.09	Average
10620.00	37.72	15.75	6.72	60.19	74.00	13.81	Peak

Mode	802.11n-HT40	UNII Band	II-2C
	CDD	Frequency	TX 5510MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11020.00	37.82	15.72	-3.35	50.19	54.00	3.81	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11020.00	37.82	15.72	-4.39	49.15	54.00	4.85	Average
11020.00	37.82	15.72	3.42	56.96	74.00	17.04	Peak

Mode	802.11n-HT40	UNII Band	II-2C
	CDD	Frequency	TX 5550MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11100.00	37.94	15.80	-3.19	50.55	54.00	3.45	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11100.00	37.94	15.80	-5.26	48.48	54.00	5.52	Average
11100.00	37.94	15.80	2.95	56.69	74.00	17.31	Peak

Mode	802.11n-HT40	UNII Band	II-2C
	CDD	Frequency	TX 5670MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11340.00	38.27	16.00	-2.66	51.61	54.00	2.39	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11340.00	38.27	16.00	-4.87	49.40	54.00	4.60	Average
11340.00	38.27	16.00	2.52	56.79	74.00	17.21	Peak

Mode	802.11n-HT40	UNII Band	III
	CDD	Frequency	TX 5755MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11510.00	38.50	16.14	-3.88	50.76	54.00	3.24	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11510.00	38.50	16.14	-4.62	50.02	54.00	3.98	Average
11510.00	38.50	16.14	1.84	56.48	74.00	17.52	Peak

Mode	802.11n-HT40	UNII Band	III
	CDD	Frequency	TX 5795MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11590.00	38.57	16.21	-3.93	50.85	54.00	3.15	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11590.00	38.57	16.21	-4.46	50.32	54.00	3.68	Average
11590.00	38.57	16.21	2.31	57.09	74.00	16.91	Peak

Mode	802.11ac-VHT80	UNII Band	I
	CDD	Frequency	TX 5210MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
10430.00	37.65	15.77	-7.00	46.42	54.00	7.58	Average
10430.00	37.65	15.77	4.67	58.09	74.00	15.91	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
10440.00	37.65	15.77	-2.53	50.89	54.00	3.11	Average
10440.00	37.65	15.77	7.40	60.82	74.00	13.18	Peak

Mode	802.11ac-VHT80	UNII Band	II-2A
	CDD	Frequency	TX 5290MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
10600.00	37.72	15.75	-1.21	52.26	54.00	1.74	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
10600.00	37.72	15.75	-3.92	49.55	54.00	4.45	Average
10600.00	37.72	15.75	6.60	60.07	74.00	13.93	Peak

Mode	802.11ac-VHT80	UNII Band	II-2C
	CDD	Frequency	TX 5530MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11060.00	37.89	15.77	-3.27	50.39	54.00	3.61	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11020.00	37.82	15.72	0.07	53.61	54.00	0.39	Peak

Mode	802.11ac-VHT80	UNII Band	II-2C
	CDD	Frequency	TX 5610MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11220.00	38.10	15.90	-4.14	49.86	54.00	4.14	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11220.00	38.10	15.90	-0.87	53.13	54.00	0.87	Peak

Mode	802.11ac-VHT80	UNII Band	III
	CDD	Frequency	TX 5775MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11580.00	38.56	16.20	-2.18	52.58	54.00	1.42	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11580.00	38.56	16.20	-6.48	48.28	54.00	5.72	Average
11580.00	38.56	16.20	3.32	58.08	74.00	15.92	Peak

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Mode	802.11n-HT20	UNII Band	I
	SDM	Frequency	TX 5180MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
10360.00	37.59	15.77	-1.86	51.50	54.00	2.50	Average
10360.00	37.59	15.77	11.17	64.53	74.00	9.47	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
10360.00	37.59	15.77	-0.77	52.59	54.00	1.41	Average
10360.00	37.59	15.77	10.72	64.08	74.00	9.92	Peak

Mode	802.11n-HT20	UNII Band	I
	SDM	Frequency	TX 5200MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
10400.00	37.62	15.77	-2.08	51.31	54.00	2.69	Average
10400.00	37.62	15.77	10.97	64.36	74.00	9.64	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
10590.00	37.72	15.75	-0.93	52.54	54.00	1.46	Average
10590.00	37.72	15.75	9.75	63.22	74.00	10.78	Peak

Mode	802.11n-HT20	UNII Band	I
	SDM	Frequency	TX 5240MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
10480.00	37.69	15.76	-2.04	51.41	54.00	2.59	Average
10480.00	37.69	15.76	10.90	64.35	74.00	9.65	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
10480.00	37.69	15.76	-1.53	51.92	54.00	2.08	Average
10480.00	37.69	15.76	10.05	63.50	74.00	10.50	Peak

Mode	802.11n-HT20	UNII Band	II-2A
	SDM	Frequency	TX 5260MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
10520.00	37.70	15.76	-4.91	48.55	54.00	5.45	Average
10520.00	37.70	15.76	4.75	58.21	74.00	15.79	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
10520.00	37.70	15.76	-2.04	51.42	54.00	2.58	Average
10520.00	37.70	15.76	10.87	64.33	74.00	9.67	Peak

Mode	802.11n-HT20	UNII Band	II-2A
	SDM	Frequency	TX 5300MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
10600.00	37.72	15.75	-4.98	48.49	54.00	5.51	Average
10600.00	37.72	15.75	4.74	58.21	74.00	15.79	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
10600.00	37.72	15.75	-2.39	51.08	54.00	2.92	Average
10600.00	37.72	15.75	10.53	64.00	74.00	10.00	Peak

Mode	802.11n-HT20	UNII Band	II-2A
	SDM	Frequency	TX 5320MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
10650.00	37.73	15.74	-4.42	49.05	54.00	4.95	Average
10650.00	37.73	15.74	5.25	58.72	74.00	15.28	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
10640.00	37.73	15.75	-1.46	52.02	54.00	1.98	Average
10640.00	37.73	15.75	11.45	64.93	74.00	9.07	Peak

Mode	802.11n-HT20	UNII Band	II-2C
	SDM	Frequency	TX 5500MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11000.00	37.80	15.71	-7.19	46.32	54.00	7.68	Average
11000.00	37.80	15.71	3.61	57.12	74.00	16.88	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11000.00	37.80	15.71	-1.52	51.99	54.00	2.01	Average
11000.00	37.80	15.71	9.28	62.79	74.00	11.21	Peak

Mode	802.11n-HT20	UNII Band	II-2C
	SDM	Frequency	TX 5580MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11160.00	38.03	15.85	-7.38	46.50	54.00	7.50	Average
11160.00	38.03	15.85	3.06	56.94	74.00	17.06	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11160.00	38.03	15.85	-1.70	52.18	54.00	1.82	Average
11160.00	38.03	15.85	8.08	61.96	74.00	12.04	Peak

Mode	802.11n-HT20	UNII Band	II-2C
	SDM	Frequency	TX 5700MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11400.00	38.36	16.06	-7.30	47.12	54.00	6.88	Average
11400.00	38.36	16.06	1.78	56.20	74.00	17.80	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11400.00	38.36	16.06	-1.62	52.80	54.00	1.20	Average
11400.00	38.36	16.06	8.09	62.51	74.00	11.49	Peak

Mode	802.11n-HT20	UNII Band	III
	SDM	Frequency	TX 5745MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11490.00	38.48	16.13	-7.24	47.37	54.00	6.63	Average
11490.00	38.48	16.13	1.43	56.04	74.00	17.96	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11490.00	38.48	16.13	-2.43	52.18	54.00	1.82	Average
11490.00	38.48	16.13	8.23	62.84	74.00	11.16	Peak

Mode	802.11n-HT20	UNII Band	III
	SDM	Frequency	TX 5785MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11570.00	38.56	16.20	-7.53	47.23	54.00	6.77	Average
11570.00	38.56	16.20	0.91	55.67	74.00	18.33	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11570.00	38.56	16.20	-2.42	52.34	54.00	1.66	Average
11570.00	38.56	16.20	7.67	62.43	74.00	11.57	Peak

Mode	802.11n-HT20	UNII Band	III
	SDM	Frequency	TX 5825MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11650.00	38.61	16.26	-7.07	47.80	54.00	6.20	Average
11650.00	38.61	16.26	1.64	56.51	74.00	17.49	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11650.00	38.61	16.26	-2.24	52.63	54.00	1.37	Average
11650.00	38.61	16.26	8.33	63.20	74.00	10.80	Peak

Mode	802.11n-HT40	UNII Band	I
	SDM	Frequency	TX 5190MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
10380.00	37.61	15.77	-8.38	45.00	54.00	9.00	Average
10380.00	37.61	15.77	5.46	58.84	74.00	15.16	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
10380.00	37.61	15.77	-0.53	52.85	54.00	1.15	Average
10380.00	37.61	15.77	13.31	66.69	74.00	7.31	Peak

Mode	802.11n-HT40	UNII Band	I
	SDM	Frequency	TX 5230MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
10460.00	37.66	15.76	-8.82	44.60	54.00	9.40	Average
10460.00	37.66	15.76	4.75	58.17	74.00	15.83	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
10460.00	37.66	15.76	-0.91	52.51	54.00	1.49	Average
10460.00	37.66	15.76	12.28	65.70	74.00	8.30	Peak

Mode	802.11n-HT40	UNII Band	II-2A
	SDM	Frequency	TX 5270MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
10540.00	37.71	15.76	-8.72	44.75	54.00	9.25	Average
10540.00	37.71	15.76	2.18	55.65	74.00	18.35	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
10540.00	37.71	15.76	-5.17	48.30	54.00	5.70	Average
10540.00	37.71	15.76	5.97	59.44	74.00	14.56	Peak

Mode	802.11n-HT40	UNII Band	II-2A
	SDM	Frequency	TX 5310MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
10630.00	37.72	15.75	-7.82	45.65	54.00	8.35	Average
10630.00	37.72	15.75	3.10	56.57	74.00	17.43	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
10620.00	37.72	15.75	-4.38	49.09	54.00	4.91	Average
10620.00	37.72	15.75	6.86	60.33	74.00	13.67	Peak

Mode	802.11n-HT40	UNII Band	II-2C
	SDM	Frequency	TX 5510MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11020.00	37.82	15.72	-3.35	50.19	54.00	3.81	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11020.00	37.82	15.72	-4.73	48.81	54.00	5.19	Average
11020.00	37.82	15.72	3.78	57.32	74.00	16.68	Peak

Mode	802.11n-HT40	UNII Band	II-2C
	SDM	Frequency	TX 5550MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11100.00	37.94	15.80	-4.19	49.55	54.00	4.45	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11100.00	37.94	15.80	-4.96	48.78	54.00	5.22	Average
11100.00	37.94	15.80	2.95	56.69	74.00	17.31	Peak

Mode	802.11n-HT40	UNII Band	II-2C
	SDM	Frequency	TX 5670MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11340.00	38.27	16.00	-4.66	49.61	54.00	4.39	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11340.00	38.27	16.00	-4.87	49.40	54.00	4.60	Average
11340.00	38.27	16.00	2.52	56.79	74.00	17.21	Peak

Mode	802.11n-HT40	UNII Band	III
	SDM	Frequency	TX 5755MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11510.00	38.50	16.14	-3.88	50.76	54.00	3.24	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11510.00	38.50	16.14	-4.93	49.71	54.00	4.29	Average
11510.00	38.50	16.14	1.84	56.48	74.00	17.52	Peak

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Mode	802.11n-HT40	UNII Band	III
	SDM	Frequency	TX 5795MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11590.00	38.57	16.21	-3.82	50.96	54.00	3.04	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11590.00	38.57	16.21	-4.51	50.27	54.00	3.73	Average
11590.00	38.57	16.21	2.70	57.48	74.00	16.52	Peak

Mode	802.11ac-VHT80	UNII Band	I
	SDM	Frequency	TX 5210MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
10430.00	37.65	15.77	-6.89	46.53	54.00	7.47	Average
10430.00	37.65	15.77	4.78	58.20	74.00	15.80	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
10440.00	37.65	15.77	-2.45	50.97	54.00	3.03	Average
10440.00	37.65	15.77	7.38	60.80	74.00	13.20	Peak

Mode	802.11ac-VHT80	UNII Band	II-2A
	SDM	Frequency	TX 5290MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
10600.00	37.72	15.75	-1.10	52.37	54.00	1.63	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
10600.00	37.72	15.75	-3.81	49.66	54.00	4.34	Average
10600.00	37.72	15.75	6.71	60.18	74.00	13.82	Peak

Mode	802.11ac-VHT80	UNII Band	II-2C
	SDM	Frequency	TX 5530MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11060.00	37.89	15.77	-3.16	50.50	54.00	3.50	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11020.00	37.82	15.72	0.19	53.73	54.00	0.27	Peak

Mode	802.11ac-VHT80	UNII Band	II-2C
SDM		Frequency	TX 5610MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11220.00	38.10	15.90	-4.14	49.86	54.00	4.14	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11220.00	38.10	15.90	-0.87	53.13	54.00	0.87	Peak

Mode	802.11ac-VHT80	UNII Band	III
SDM		Frequency	TX 5775MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11580.00	38.56	16.20	-2.07	52.69	54.00	1.31	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11580.00	38.56	16.20	-6.37	48.39	54.00	5.61	Average
11580.00	38.56	16.20	3.46	58.22	74.00	15.78	Peak

Note: Meter Reading = Original Meter Reading – amplifier Gain.

A.2.3 Emissions in Non-restricted Frequency Bands

Pursuant to KDB 789033 D02 General UNII Test Procedures New Rules v02r01 that emission levels below the 15.209 general radiated emissions limits is not required.

A.3 EMISSION BANDWIDTH

Test Date	2018/03/19 ~ 04/24	Temp./Hum.	24~25°C/48~50%
Cable Loss	1.6dB	Test Voltage	AC 120V, 60Hz (via AC/DC Adapter)

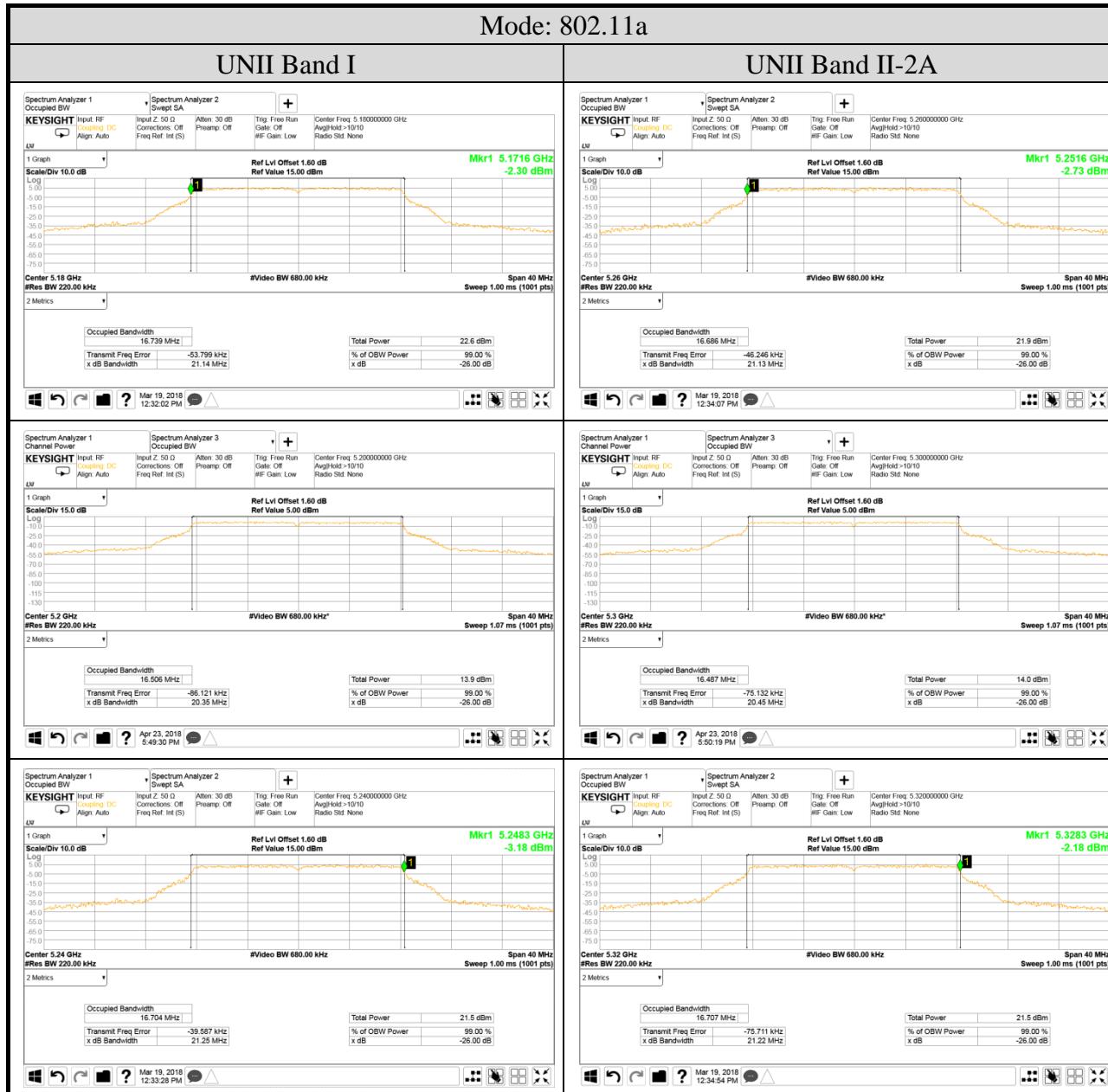
A.3.1 Emission Bandwidth Result

Mode	UNII Band	Centre Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit
802.11a	I	5180	21.14	16.739	Reference only
		5200	20.35	16.506	
		5240	21.25	16.704	
	II-2A	5260	21.13	16.686	
		5300	20.45	16.487	
		5320	21.22	16.707	
	II-2C	5500	20.99	16.694	
		5580	20.61	16.565	
		5700	20.84	16.654	
802.11n- HT20	I	5180	21.27	17.819	Reference only
		5200	20.35	17.573	
		5240	21.20	17.797	
	II-2A	5260	21.38	17.802	
		5300	20.56	17.724	
		5320	21.38	17.822	
	II-2C	5500	21.50	17.832	
		5580	20.84	17.677	
		5700	21.23	17.757	

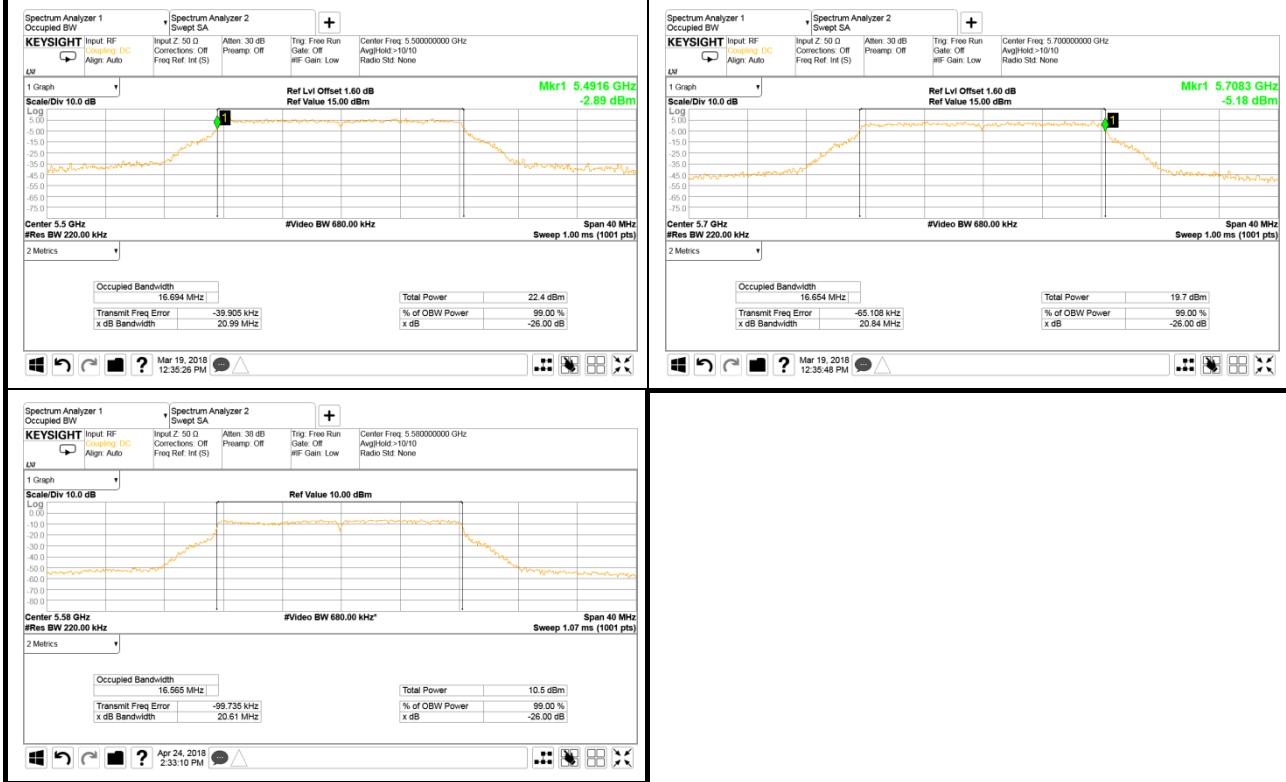
Mode	UNII Band	Centre Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit
802.11ac-VHT40	I	5190	39.30	36.263	Reference only
		5230	39.35	36.248	
	II-2A	5270	39.32	36.266	
		5310	39.47	36.280	
	II-2C	5510	39.42	36.254	
		5550	38.81	36.192	
		5670	39.93	36.270	
802.11ac-VHT80	I	5210	81.10	75.797	Reference only
	II-2A	5290	81.11	75.858	
	II-2C	5530	80.66	75.887	
		5610	80.96	75.695	

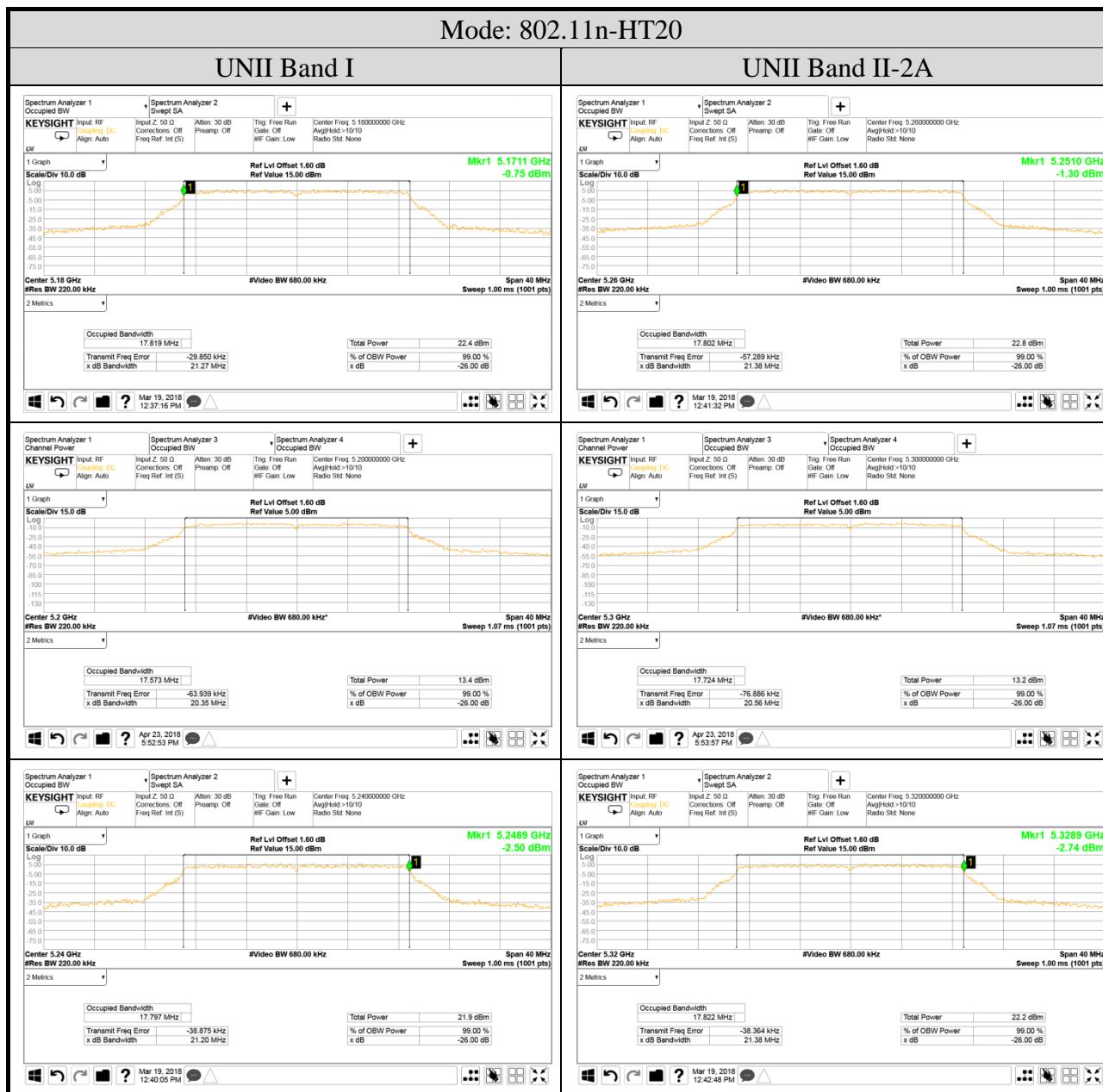
Mode	UNII Band	Centre Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit
802.11a	III	5745	16.37	16.466	$\geq 500\text{kHz}$
		5785	16.51	16.421	
		5825	16.38	16.484	
802.11n-HT20	III	5745	17.62	17.660	$\geq 500\text{kHz}$
		5785	17.73	17.650	
		5825	17.62	17.668	
802.11ac-VHT40	III	5755	36.33	36.144	$\geq 500\text{kHz}$
		5795	36.31	36.131	
802.11ac-VHT80	III	5775	75.87	75.535	

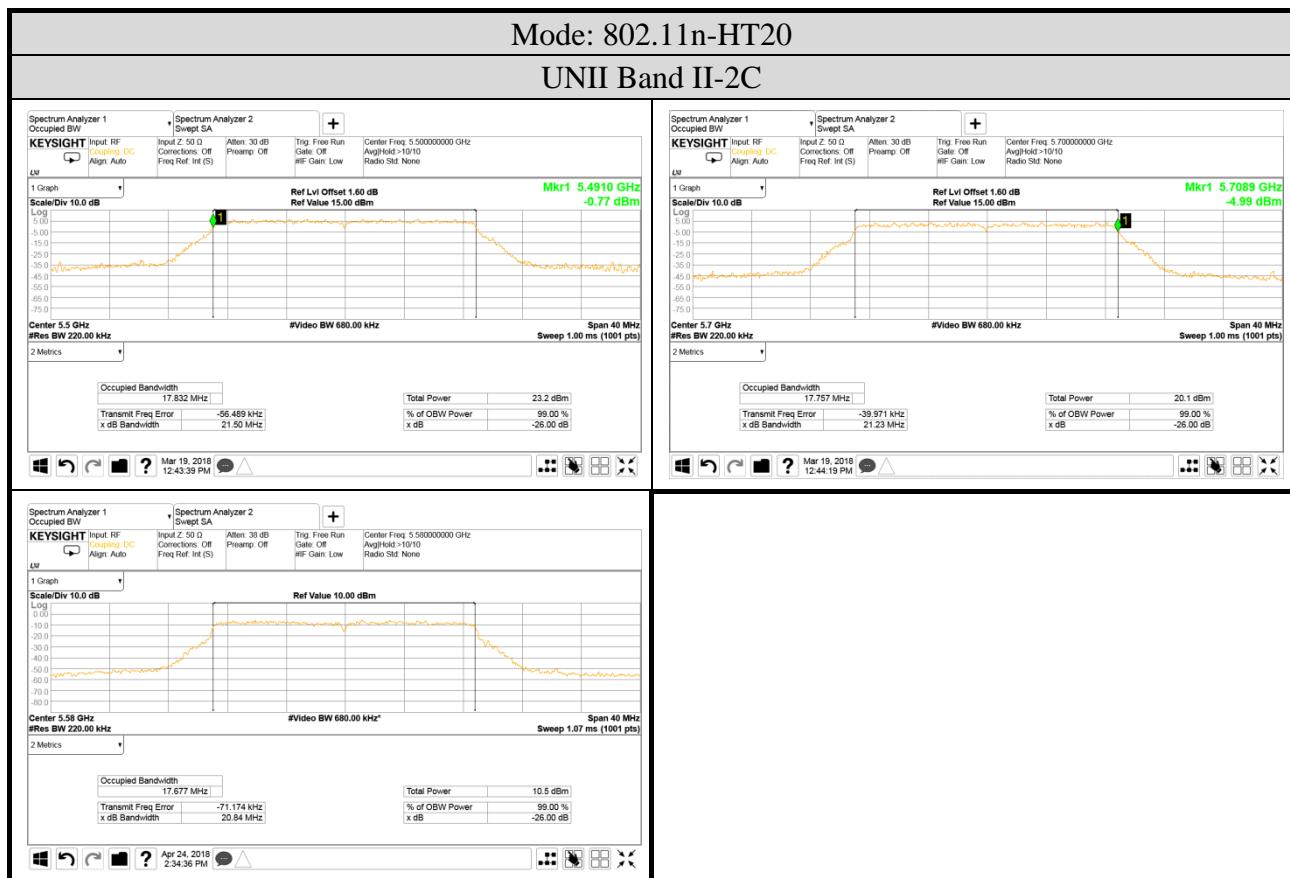
A.3.2 Measurement Plots

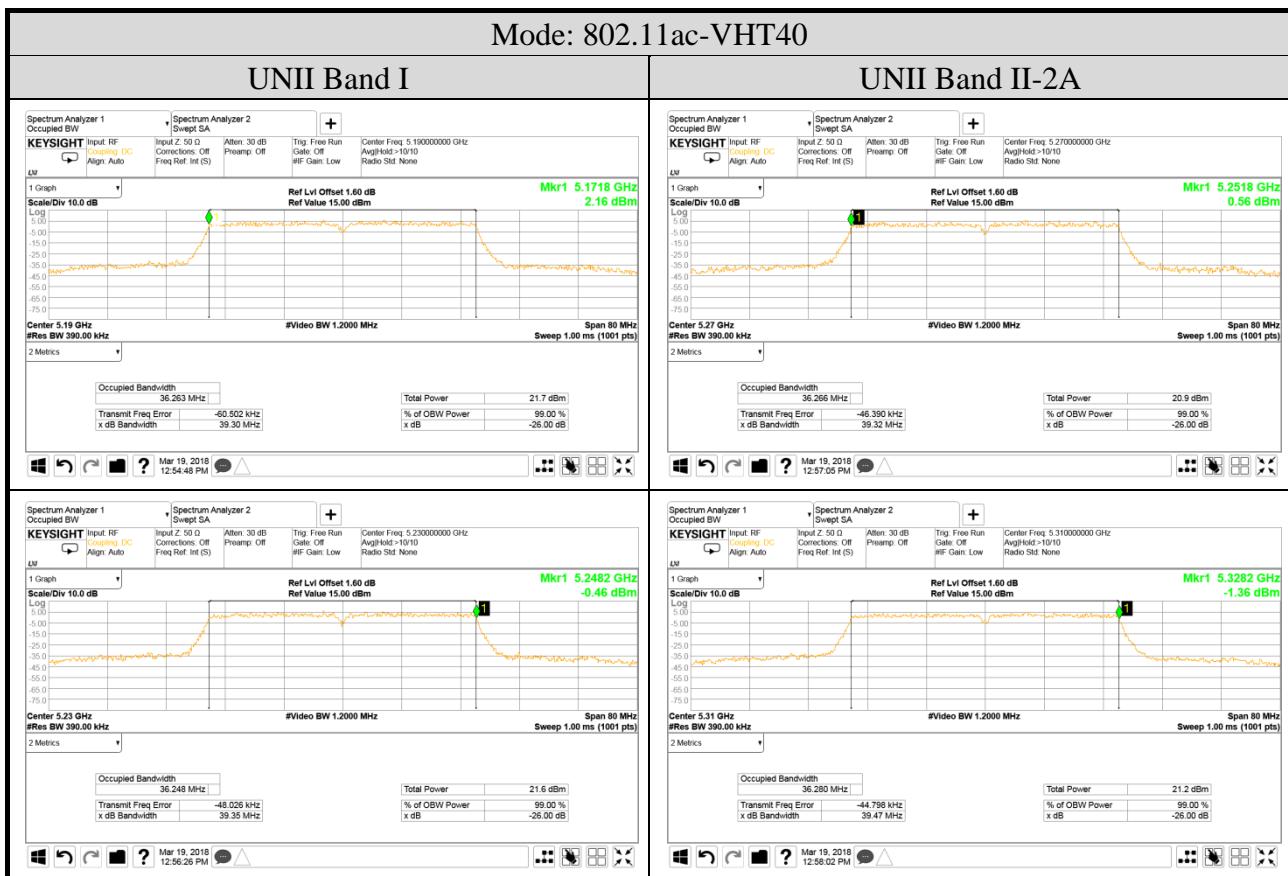


Mode: 802.11a
UNII Band II-2C



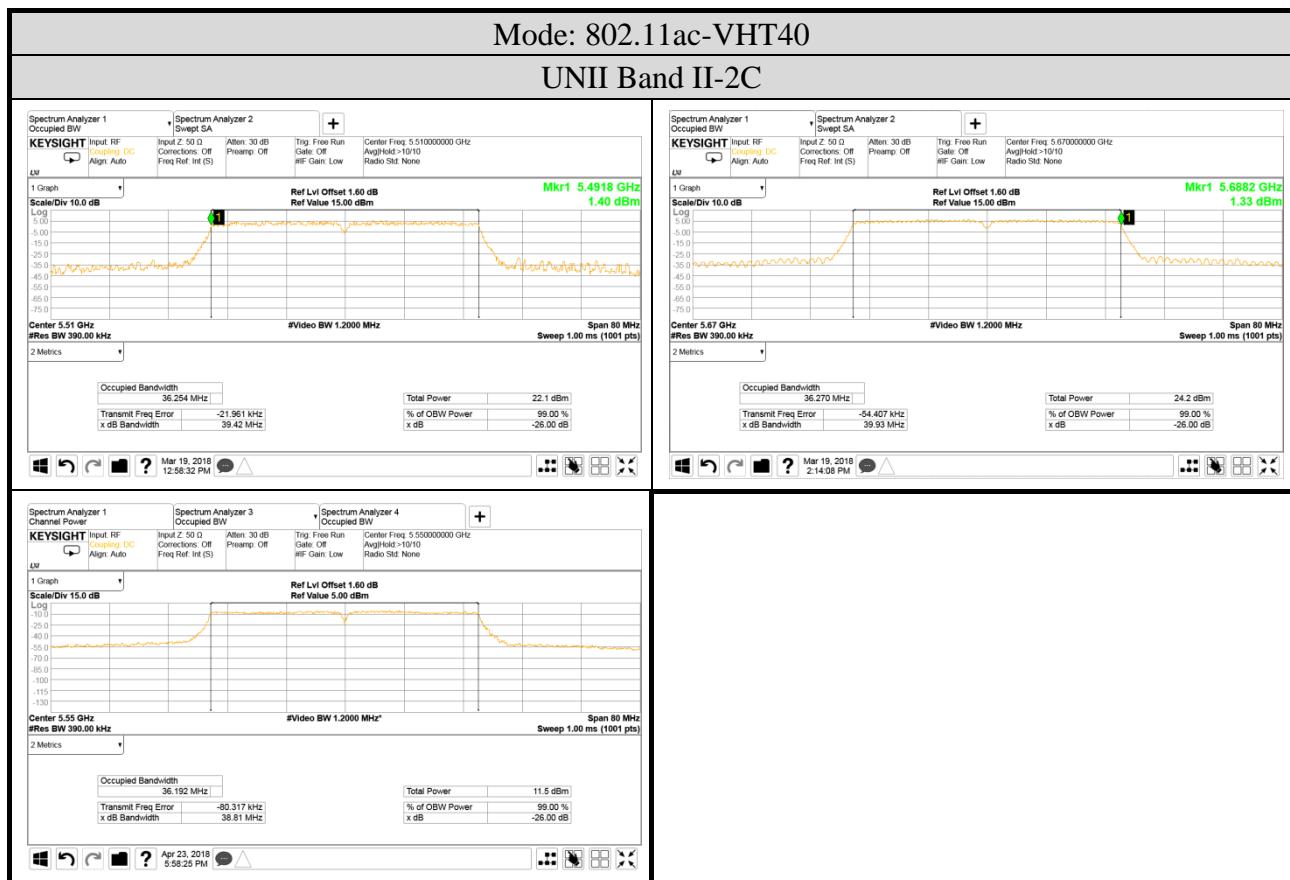


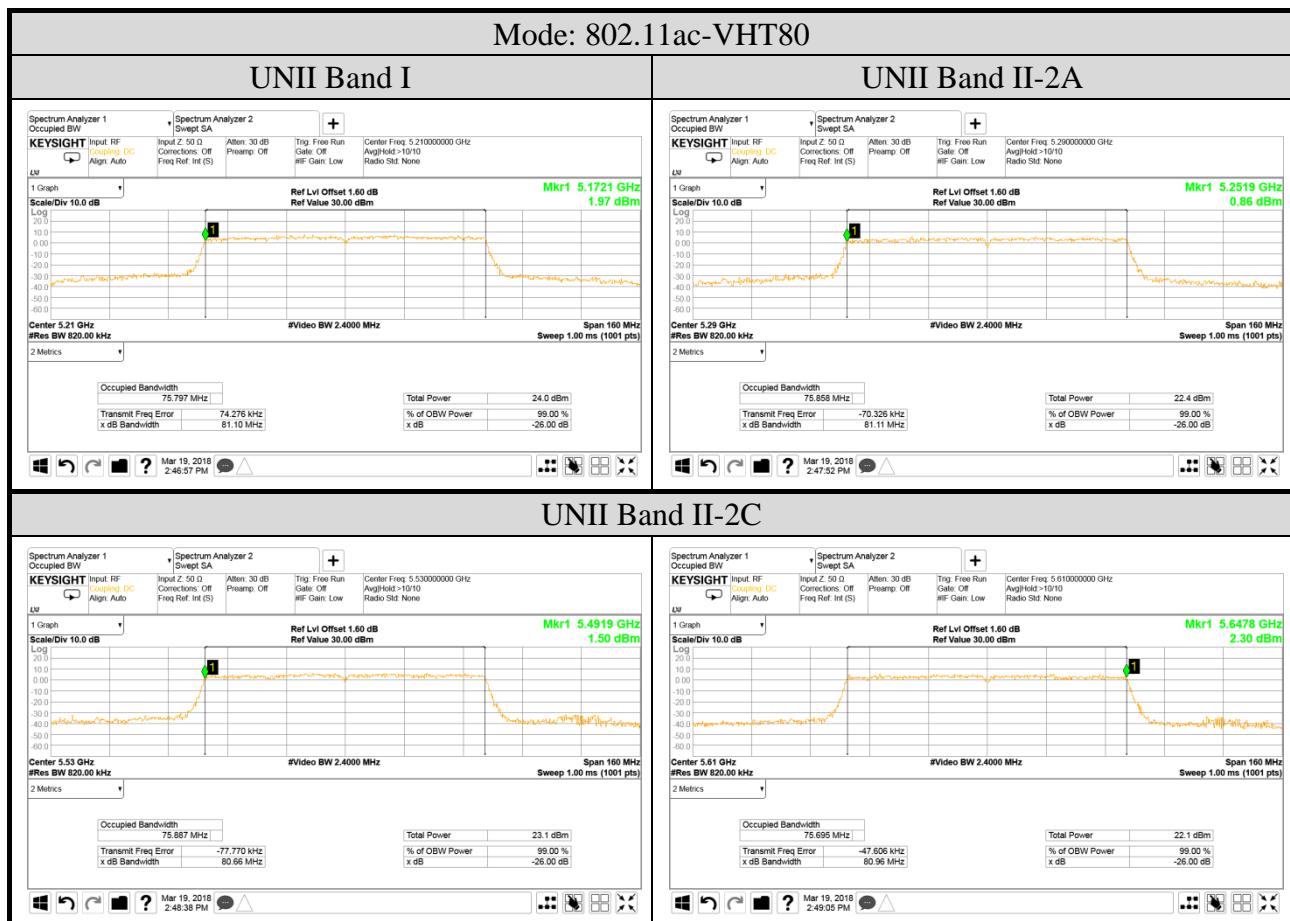


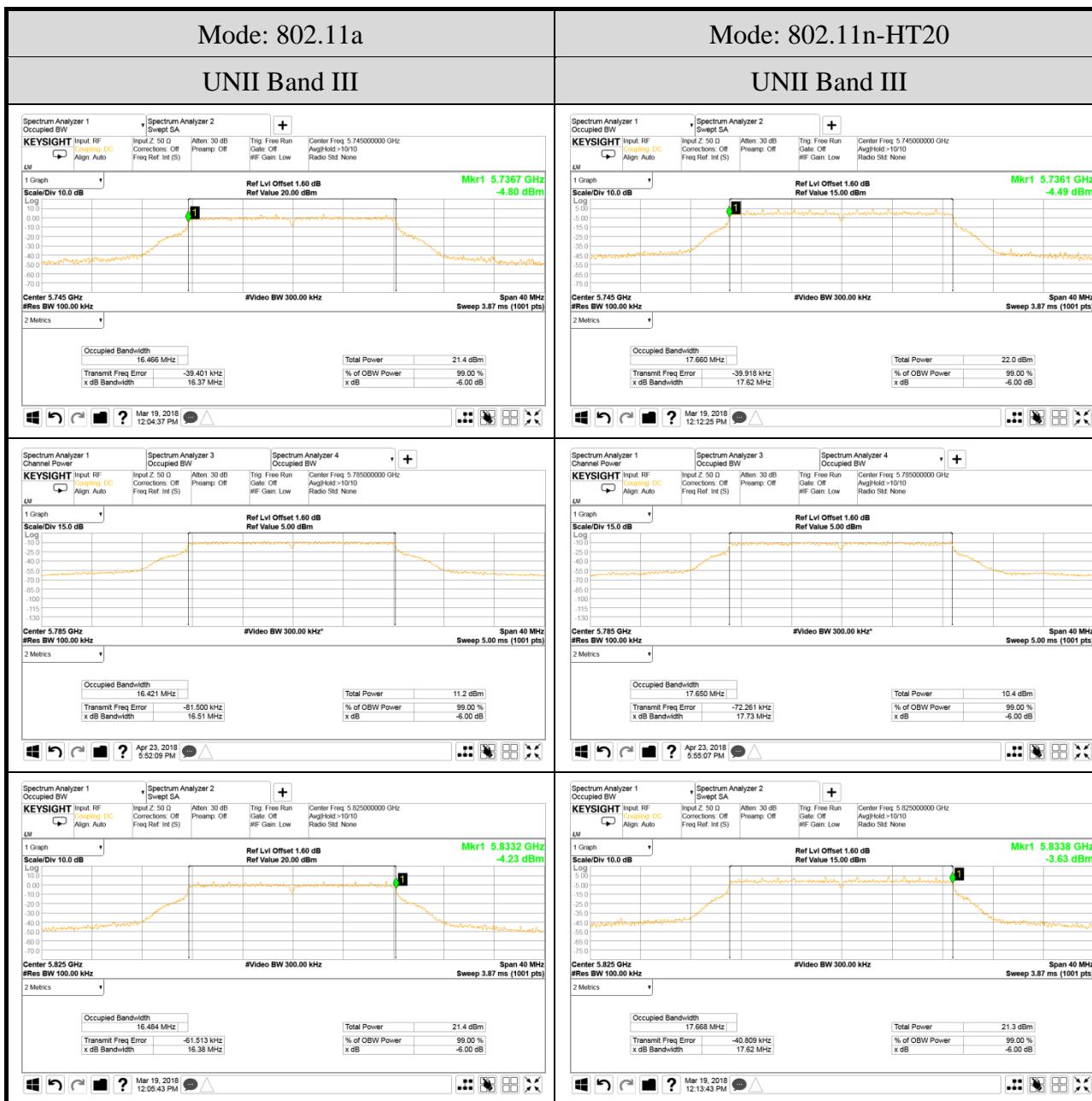


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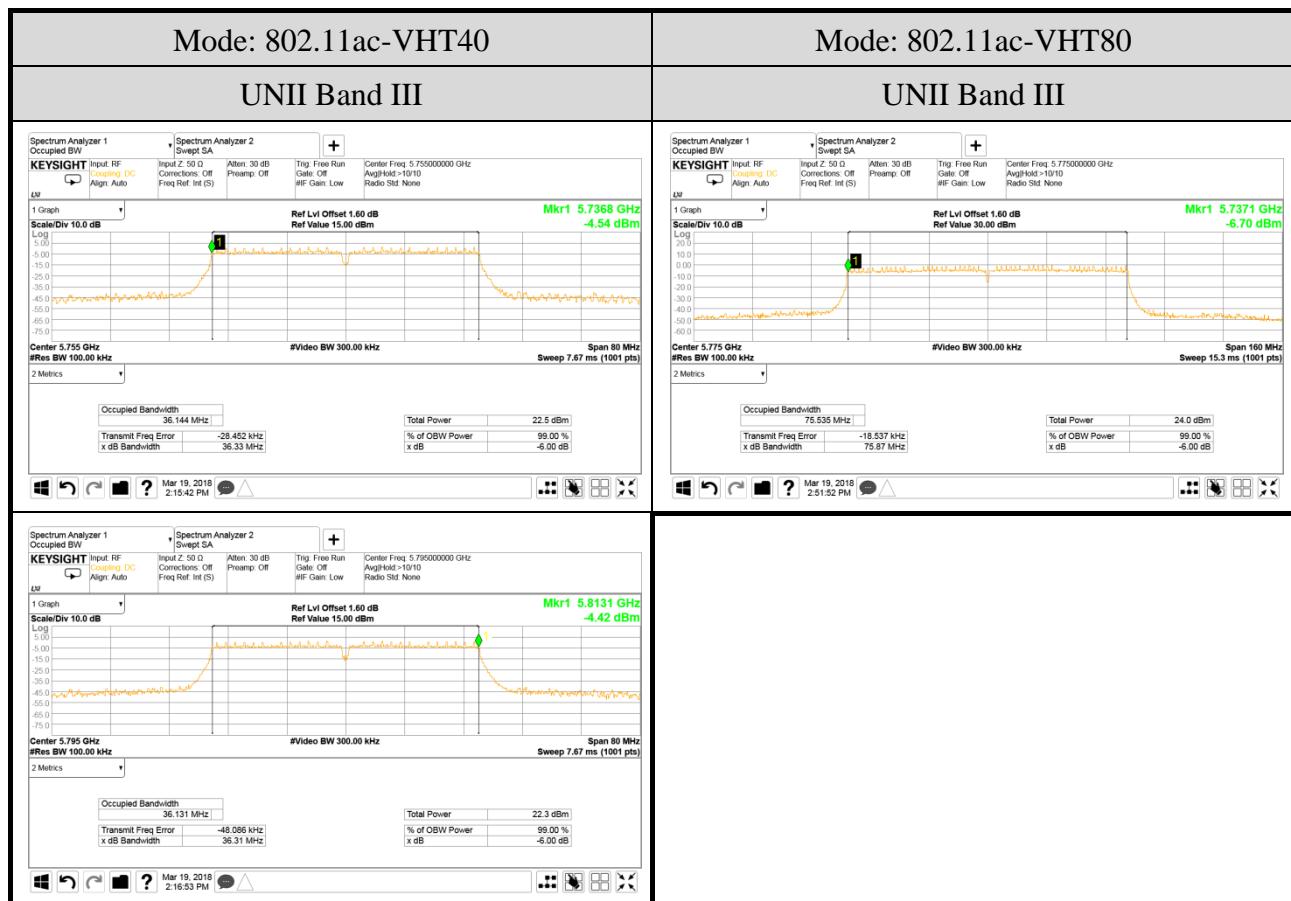






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A.4 MAXIMUM OUTPUT POWER

Test Date	2018/03/16~11/27	Temp./Hum.	24~25°C/53~54%
Cable Loss	CDD Mode: 3.48dB SDM Mode: 1.6dB or 3.7dB	Test Voltage	AC 120V, 60Hz (via AC/DC Adapter)

A.4.1 Average Output Power

- CDD Mode

Mode	UNII Band	Centre Frequency (MHz)	Average Output Power (dBm)				10log (1/X)	Total Average Output Power		Limit
			Chain 0	Chain 1	Chain 2	Chain 3		(dBm)	(W)	
802.11a	I	5180	12.24	12.80	12.41	11.74	0.28	18.62	0.073	< 250mW (24 dBm)
		5200	12.54	12.97	12.57	12.29		18.90	0.078	
		5240	12.77	12.39	11.95	12.41		18.69	0.074	
	II-2A	5260	13.02	11.96	11.35	12.49		18.55	0.072	
		5300	12.95	12.08	11.69	12.54		18.64	0.073	
		5320	13.12	12.36	11.95	12.74		18.87	0.077	
	II-2C	5500	13.51	12.12	12.75	13.34		19.27	0.085	< 1W (30dBm)
		5580	13.50	11.41	12.03	13.42		18.98	0.079	
		5700	13.20	12.06	12.24	11.25		18.55	0.072	
	III	5745	22.41	21.89	22.35	21.68		28.40	0.692	< 1W (30dBm)
		5785	22.36	22.43	23.13	21.94		28.79	0.757	
		5825	22.82	22.13	22.86	22.25		28.83	0.764	

Note: 1. The results have been included cable loss.

2. According to KDB 662911 D01, Directional gain=G_{ANT}+ Array Gain ;

Array Gain=0dB for N_{ANT}≤ 4 ; Array Gain=0dB for channel widths ≥ 40MHz for any N_{ANT}
 Directional gain=2.36+0=2.36dBi < 6 dBi

Mode	UNII Band	Centre Frequency (MHz)	Average Output Power (dBm)				10log (1/X)	Total Average Output Power		Limit
			Chain 0	Chain 1	Chain 2	Chain 3		(dBm)	(W)	
802.11n-HT20	I	5180	12.03	12.51	11.96	11.82	0.98	19.09	0.081	< 250mW (24 dBm)
		5200	11.74	12.45	11.88	11.53		18.91	0.078	
		5240	12.48	12.17	12.11	12.37		19.28	0.085	
	II-2A	5260	12.82	11.71	11.29	12.46		19.11	0.081	
		5300	12.88	12.01	11.86	12.48		19.33	0.086	
		5320	12.57	12.06	11.70	12.26		19.16	0.082	
	II-2C	5500	12.90	11.21	11.73	12.62		19.17	0.083	
		5580	12.84	10.68	11.29	12.79		19.00	0.079	
		5700	12.54	11.31	11.56	10.63		18.56	0.072	
	III	5745	21.98	21.44	22.13	21.37		28.74	0.748	< 1W (30dBm)
		5785	22.17	21.28	23.00	21.33		29.00	0.794	
		5825	22.06	21.39	22.79	21.75		29.03	0.800	

Mode	UNII Band	Centre Frequency (MHz)	Average Output Power (dBm)				10log (1/X)	Total Average Output Power		Limit
			Chain 0	Chain 1	Chain 2	Chain 3		(dBm)	(W)	
802.11n-HT40	I	5190	13.96	14.72	14.56	14.17	1.66	22.04	0.160	< 250mW (24 dBm)
		5230	14.08	14.07	14.15	14.12		21.78	0.151	
	II-2A	5270	14.98	14.66	14.00	14.58		22.25	0.168	
		5310	14.98	14.85	14.18	14.47		22.31	0.170	
	II-2C	5510	15.52	14.81	14.25	14.88		22.57	0.181	
		5550	15.64	14.30	13.62	14.98		22.38	0.173	
		5670	14.36	14.46	14.66	14.45		22.16	0.164	
	III	5755	20.26	19.79	19.40	20.66		27.73	0.593	< 1W (30dBm)
		5795	18.96	20.99	20.98	19.41		27.86	0.611	

Note: 1. The results have been included cable loss.

2. According to KDB 662911 D01, Directional gain=G_{ANT}+ Array Gain ;

Array Gain=0dB for N_{ANT}≤ 4 ; Array Gain=0dB for channel widths ≥ 40MHz for any N_{ANT}

Directional gain=2.36+0=2.36dBi < 6 dBi

Mode	UNII Band	Centre Frequency (MHz)	Average Output Power (dBm)				10log (1/X)	Total Average Output Power		Limit
			Chain 0	Chain 1	Chain 2	Chain 3		(dBm)	(W)	
802.11ac-VHT20	I	5180	12.01	12.47	12.02	11.81	0.98	19.08	0.081	< 250mW (24 dBm)
		5200	11.92	12.27	11.84	11.48		18.89	0.077	
		5240	12.40	12.21	11.95	12.44		19.25	0.084	
	II-2A	5260	12.78	11.76	11.38	12.32		19.09	0.081	
		5300	12.82	12.01	11.75	12.53		19.30	0.085	
		5320	12.59	11.92	11.75	12.26		19.14	0.082	
	II-2C	5500	12.86	11.30	11.61	12.61		19.14	0.082	
		5580	12.71	10.68	11.40	12.71		18.96	0.079	
		5700	12.49	11.31	11.45	10.64		18.52	0.071	
	III	5745	21.55	21.32	22.06	21.38		28.59	0.723	< 1W (30dBm)
		5785	22.28	21.93	22.29	21.56		29.02	0.798	
		5825	22.01	21.79	22.08	21.26		28.80	0.759	

Mode	UNII Band	Centre Frequency (MHz)	Average Output Power (dBm)				10log (1/X)	Total Average Output Power		Limit
			Chain 0	Chain 1	Chain 2	Chain 3		(dBm)	(W)	
802.11ac-VHT40	I	5190	13.99	14.79	14.98	14.21	1.63	22.17	0.165	< 250mW (24 dBm)
		5230	14.08	14.07	14.18	14.27		21.80	0.151	
	II-2A	5270	15.36	14.68	14.34	14.53		22.40	0.174	
		5310	15.27	15.02	14.54	14.68		22.54	0.179	
	II-2C	5510	15.63	15.13	14.17	14.88		22.64	0.184	
		5550	15.82	14.48	13.68	15.03		22.48	0.177	
		5670	14.53	14.53	14.92	14.60		22.30	0.170	
	III	5755	20.27	19.99	19.73	20.36		27.75	0.596	< 1W (30dBm)
		5795	19.90	20.81	20.20	20.69		28.07	0.641	

Note: 1. The results have been included cable loss.

2. According to KDB 662911 D01, Directional gain=G_{ANT}+ Array Gain ;

Array Gain=0dB for N_{ANT}≤ 4 ; Array Gain=0dB for channel widths ≥ 40MHz for any N_{ANT}

Directional gain=2.36+0=2.36dBi < 6 dBi

Mode	UNII Band	Centre Frequency (MHz)	Average Output Power (dBm)				10log (1/X)	Total Average Output Power		Limit
			Chain 0	Chain 1	Chain 2	Chain 3		(dBm)	(W)	
802.11ac-VHT80	I	5210	13.59	13.63	14.04	13.86	2.38	22.19	0.166	< 250mW (24 dBm)
	II-2A	5290	14.64	14.56	14.32	13.92		22.77	0.189	
	II-2C	5530	14.94	13.32	13.51	13.78		22.34	0.171	
		5610	14.71	13.63	14.24	13.79		22.52	0.179	
	III	5775	19.60	20.28	19.62	19.32		28.12	0.649	< 1W (30dBm)

Note: 1. The results have been included cable loss.

2. According to KDB 662911 D01, Directional gain=G_{ANT}+ Array Gain ;

Array Gain=0dB for N_{ANT}≤ 4 ; Array Gain=0dB for channel widths ≥ 40MHz for any N_{ANT}

Directional gain=2.36+0=2.36dBi < 6 dBi

• SDM Mode

Mode	UNII Band	Centre Frequency (MHz)	Average Output Power (dBm)				10log (1/X)	Total Average Output Power		Limit
			Chain 0	Chain 1	Chain 2	Chain 3		(dBm)	(W)	
802.11n-HT20	I	5180	13.91	13.94	14.21	13.95	0.98	21.00	0.126	< 250 mW (24 dBm)
		5200	14.63	14.39	14.62	14.38		21.51	0.142	
		5240	14.47	13.78	14.18	14.25		21.18	0.131	
	II-2A	5260	14.55	13.09	12.82	14.18		20.72	0.118	
		5300	14.72	13.78	13.61	14.55		21.19	0.132	
		5320	14.75	13.93	13.63	14.41		21.20	0.132	
	II-2C	5500	14.36	13.10	13.95	13.92		20.85	0.122	
		5580	14.28	12.77	14.01	14.33		20.89	0.123	
		5700	14.44	13.16	13.63	12.56		20.50	0.112	
	III	5745	22.11	21.32	22.25	21.25		28.75	0.750	< 1 W (30 dBm)
		5785	22.10	21.35	22.93	21.41		28.99	0.793	
		5825	22.20	21.25	22.93	21.61		29.04	0.802	

Note: 1. The results have been included cable loss.

Mode	UNII Band	Centre Frequency (MHz)	Average Output Power (dBm)				10log (1/X)	Total Average Output Power		Limit
			Chain 0	Chain 1	Chain 2	Chain 3		(dBm)	(W)	
802.11n-HT40	I	5190	15.31	15.55	15.84	15.29	1.66	23.18	0.208	< 250 mW (24 dBm)
		5230	15.34	15.37	15.12	15.07		22.91	0.195	
	II-2A	5270	14.44	15.03	14.55	14.04		22.21	0.166	
		5310	15.48	15.86	15.48	15.03		23.15	0.207	
	II-2C	5510	16.22	15.50	15.06	15.86		23.36	0.217	
		5550	16.53	15.49	14.95	15.95		23.45	0.221	
		5670	15.91	15.03	15.59	16.08		23.35	0.216	
	III	5755	20.32	19.98	19.53	20.27		27.72	0.592	< 1 W (30 dBm)
		5795	19.69	20.97	20.37	20.14		28.00	0.631	

Mode	UNII Band	Centre Frequency (MHz)	Average Output Power (dBm)				10log (1/X)	Total Average Output Power		Limit
			Chain 0	Chain 1	Chain 2	Chain 3		(dBm)	(W)	
802.11ac-VHT20	I	5180	13.88	14.03	14.25	13.68	0.98	20.96	0.125	< 250 mW (24 dBm)
		5200	14.38	14.29	14.43	14.19		21.32	0.136	
		5240	14.58	13.75	14.05	14.32		21.18	0.131	
	II-2A	5260	14.54	12.93	12.86	14.13		20.68	0.117	
		5300	14.61	13.83	13.46	14.45		21.11	0.129	
		5320	14.64	13.94	13.50	14.38		21.14	0.130	
	II-2C	5500	14.37	13.13	13.96	13.84		20.85	0.122	
		5580	14.33	12.77	13.66	14.29		20.81	0.121	
		5700	14.51	13.08	13.77	12.54		20.54	0.113	
	III	5745	21.81	21.27	22.10	21.22		28.61	0.726	< 1 W (30 dBm)
		5785	22.19	22.00	22.31	21.48		29.01	0.796	
		5825	21.95	21.68	22.14	21.31		28.78	0.755	

Note: 1. The results have been included cable loss.

Mode	UNII Band	Centre Frequency (MHz)	Average Output Power (dBm)				10log (1/X)	Total Average Output Power		Limit
			Chain 0	Chain 1	Chain 2	Chain 3		(dBm)	(W)	
802.11ac-VHT40	I	5190	15.40	15.71	15.85	15.41	1.63	23.25	0.211	< 250 mW (24 dBm)
		5230	15.72	15.37	15.62	15.59		23.23	0.210	
	II-2A	5270	15.43	16.04	15.68	14.89		23.18	0.208	
		5310	15.49	15.95	15.55	15.11		23.19	0.208	
	II-2C	5510	16.25	15.57	15.18	15.80		23.37	0.217	
		5550	16.54	15.61	15.07	15.88		23.46	0.222	
		5670	15.96	15.01	15.67	16.22		23.39	0.218	
	III	5755	20.27	19.99	19.73	20.36		27.75	0.596	< 1 W (30 dBm)
		5795	19.89	20.80	20.56	20.35		28.07	0.641	

Mode	UNII Band	Centre Frequency (MHz)	Average Output Power (dBm)				10log (1/X)	Total Average Output Power		Limit
			Chain 0	Chain 1	Chain 2	Chain 3		(dBm)	(W)	
802.11ac-VHT80	I	5210	13.45	13.00	12.92	14.00	2.38	21.77	0.150	< 250 mW (24 dBm)
	II-2A	5290	14.12	14.14	14.18	13.58		22.41	0.174	
	II-2C	5530	14.93	13.39	13.41	14.33		22.47	0.177	
		5610	13.82	12.82	12.83	13.11		21.57	0.144	
	III	5775	19.25	19.89	19.49	19.32		27.90	0.617	< 1 W (30 dBm)

Note: 1. The results have been included cable loss.