802.11n(HT40) 5230MHz

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10360.38	50.23	11.57	14.73	32.87	43.67	74	-30.33	Vertical
15540.31	51.54	11.97	17.69	34.57	46.62	74	-27.38	Vertical
10360.27	52.67	9.42	14.68	32.72	44.06	74	-29.94	Horizontal
15540.75	53.79	8.75	17.90	34.54	45.89	74	-28.11	Horizontal

802.11ac(HT40) 5190MHz

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10360.99	50.55	11.60	14.68	32.76	44.07	74	-29.93	Vertical
15540.57	51.40	12.01	17.82	34.79	46.43	74	-27.57	Vertical
10360.57	52.33	9.43	14.64	32.77	43.63	74	-30.37	Horizontal
15540.63	53.34	8.58	17.88	34.47	45.32	74	-28.68	Horizontal

802.11ac(HT40) 5230MHz

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10360.77	50.02	11.66	14.71	32.75	43.64	74	-30.36	Vertical
15540.77	51.92	11.95	17.90	34.76	47.01	74	-26.99	Vertical
10360.02	52.00	9.47	14.74	32.86	43.35	74	-30.65	Horizontal
15540.09	53.13	8.61	17.78	34.49	45.03	74	-28.97	Horizontal

802.11ax20 5180MHz

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10360.85	50.69	11.50	14.82	32.70	44.32	74	-29.68	Vertical
15540.54	51.80	12.02	18.13	34.47	47.48	74	-26.52	Vertical
10360.67	52.22	9.77	14.76	32.85	43.91	74	-30.09	Horizontal
15540.57	53.84	8.59	17.78	34.69	45.51	74	-28.49	Horizontal

802.11ax20 5200MHz

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10360.34	50.17	11.41	15.04	32.85	43.78	74	-30.22	Vertical
15540.79	51.33	12.12	18.03	34.72	46.76	74	-27.24	Vertical
10360.94	52.81	9.57	14.89	32.89	44.37	74	-29.63	Horizontal
15540.33	53.96	8.71	17.78	34.58	45.88	74	-28.12	Horizontal

802.11ax20 5240MHz

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10360.09	50.38	11.72	15.04	32.81	44.33	74	-29.67	Vertical
15540.92	51.16	12.05	18.01	34.87	46.35	74	-27.65	Vertical
10360.21	52.90	9.59	14.89	32.66	44.72	74	-29.28	Horizontal
15540.16	53.82	8.93	17.70	34.92	45.53	74	-28.47	Horizontal

802.11ax40 5190MHz

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10360.53	50.23	11.54	14.87	33.11	43.53	74	-30.47	Vertical
15540.76	51.01	12.01	17.79	34.61	46.20	74	-27.80	Vertical
10360.97	52.39	9.58	14.91	32.91	43.98	74	-30.02	Horizontal
15540.07	53.70	8.74	17.82	34.68	45.58	74	-28.42	Horizontal

802.11ax40 5230MHz

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10360.94	50.68	11.45	14.95	32.82	44.25	74	-29.75	Vertical
15540.83	51.48	12.13	18.08	34.81	46.87	74	-27.13	Vertical
10360.62	52.84	9.61	14.97	32.88	44.54	74	-29.46	Horizontal
15540.31	53.10	8.92	17.74	34.92	44.85	74	-29.15	Horizontal

802.11ac(HT80) 5210MHz

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10360.60	50.40	11.59	14.85	32.66	44.18	74	-29.82	Vertical
15540.04	51.31	12.30	18.14	34.86	46.88	74	-27.12	Vertical
10360.49	52.95	9.69	14.81	32.98	44.48	74	-29.52	Horizontal
15540.95	53.61	8.89	18.01	34.59	45.92	74	-28.08	Horizontal

802.11ax(HT80) 5210MHz

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10360.06	50.29	11.40	15.07	33.05	43.71	74	-30.29	Vertical
15540.97	51.05	12.23	17.66	34.81	46.13	74	-27.87	Vertical
10360.44	52.60	9.56	14.79	33.01	43.93	74	-30.07	Horizontal
15540.63	53.20	8.59	17.67	34.63	44.83	74	-29.17	Horizontal

Note:

1. Level = Read Level + Antenna Factor+ Cable loss- Preamp Factor.

2. The test trace is same as the ambient noise (the test frequency range: 18GHz~40GHz), therefore no data appear in the report.

3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.

4. This Report only show the test plots of the worst case (U-NII-1).

4.8 Frequency stability

Test limit	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 user's manual.
Test results:	Pass

Measurement Data:

Mode	Voltage (V)	FHL (5180MHz)	Deviation (KHz)	FHH (5240MHz)	Deviation (KHz)
Band 1 (5150-5250 MHz)	DC 10.8V	5179.996	4	5239.995	5
	DC 12.0V	5179.993	7	5239.994	6
	DC 13.2V	5179.994	6	5239.992	8
Mode	Voltage (V)	FHL (5745MHz)	Deviation (KHz)	FHH (5825MHz)	Deviation (KHz)
Band 4 (5725-5850 MHz)	DC 10.8V	5744.994	6	5824.996	4
	DC 12.0V	5744.993	7	5824.992	8
	DC 13.2V	5744.993	7	5824.996	4

Mode	Temperature (℃)	FHL (5180MHz)	Deviation (KHz)	FHH (5240MHz)	Deviation (KHz)
Band 1 (5150-5250 MHz)	-10℃	5179.997	3	5239.996	4
	0℃	5179.992	8	5239.992	8
	+10℃	5179.994	6	5239.996	4
	+20℃	5179.992	8	5239.993	7
	+30℃	5179.993	7	5239.993	7
	+40℃	5179.994	6	5239.992	8
	+50℃	5179.998	2	5239.997	3
Mode	Temperature (℃)	FHL (5745MHz)	Deviation (KHz)	FHH (5825MHz)	Deviation (KHz)
Band 4 (5725-5850 MHz)	-10℃	5744.994	6	5824.995	5
	0℃	5744.995	5	5824.995	5
	+10℃	5744.994	6	5824.993	7
	+20℃	5744.998	2	5824.995	5
	+30℃	5744.993	7	5824.997	3
	+40℃	5744.995	5	5824.996	4
	+50℃	5744.995	5	5824.994	6

--------END OF REPORT-------