

WIFI2.4G-ANT11-Full Power

	Mode	Channal	Frequency (MHz)	Range(dBm)
2.4G	11b	1	2412	[11.0-13.0]
		6	2437	[11.0-13.0]
		11	2462	[11.0-13.0]
	11g	1	2412	[13.0-15.0]
		2	2417	[15.0-17.0]
		6	2437	[16.0-18.0]
		8	2447	[15.0-17.0]
		9	2452	[14.0-16.0]
		10	2457	[13.0-15.0]
		11	2462	[10.0-12.0]
	11n20	1	2412	[12.0-14.0]
		2	2417	[15.0-17.0]
		6	2437	[16.0-18.0]
		8	2447	[15.0-17.0]
		9	2452	[13.0-15.0]
		10	2457	[12.0-14.0]
		11	2462	[9.0-11.0]
	11n40	3	2422	[12.0-14.0]
		4	2427	[12.0-14.0]
		5	2432	[11.0-13.0]
		6	2437	[10.0-12.0]
		7	2442	[8.0-10.0]
		8	2447	[7.0-9.0]
		9	2452	[7.0-9.0]
	VHT20	1	2412	[13.0-15.0]
		2	2417	[14.0-16.0]
		6	2437	[15.0-17.0]
		8	2447	[15.0-17.0]
		9	2452	[13.0-15.0]
		10	2457	[12.0-14.0]
		11	2462	[10.0-12.0]
	VHT40	3	2422	[13.0-15.0]
		4	2427	[12.0-14.0]
		5	2432	[11.0-13.0]
		6	2437	[11.0-13.0]
		7	2442	[7.0-9.0]
		8	2447	[6.0-8.0]
		9	2452	[7.0-9.0]
	11ax20	1	2412	[13.0-15.0]

		6	2437	[13.0-15.0]
		8	2447	[13.0-15.0]
		9	2452	[12.0-14.0]
		10	2457	[11.0-13.0]
		11	2462	[9.0-11.0]
	11ax40	3	2422	[13.0-15.0]
		4	2427	[12.0-14.0]
		5	2432	[11.0-13.0]
		6	2437	[10.0-12.0]
		7	2442	[8.0-10.0]
		8	2447	[7.0-9.0]
		9	2452	[7.0-9.0]

WIFI2.4G-ANT11-Level1

2.4G	Mode	Channel	Frequency (MHz)	Range(dBm)
	11b	1	2412	[11.0-13.0]
		6	2437	[11.0-13.0]
		11	2462	[11.0-13.0]
	11g	1	2412	[11.0-13.0]
		2	2417	[11.0-13.0]
		6	2437	[11.0-13.0]
		8	2447	[11.0-13.0]
		9	2452	[11.0-13.0]
		10	2457	[11.0-13.0]
		11	2462	[10.0-12.0]
	11n20	1	2412	[11.0-13.0]
		2	2417	[11.0-13.0]
		6	2437	[11.0-13.0]
		8	2447	[11.0-13.0]
		9	2452	[11.0-13.0]
		10	2457	[11.0-13.0]
		11	2462	[9.0-11.0]
	11n40	3	2422	[11.0-13.0]
		4	2427	[11.0-13.0]
		5	2432	[11.0-13.0]
		6	2437	[10.0-12.0]
		7	2442	[8.0-10.0]
		8	2447	[7.0-9.0]
		9	2452	[7.0-9.0]
	VHT20	1	2412	[11.0-13.0]
		2	2417	[11.0-13.0]
		6	2437	[11.0-13.0]
		8	2447	[11.0-13.0]
		9	2452	[11.0-13.0]
		10	2457	[11.0-13.0]
		11	2462	[10.0-12.0]
	VHT40	3	2422	[11.0-13.0]
		4	2427	[11.0-13.0]
		5	2432	[11.0-13.0]
		6	2437	[11.0-13.0]
		7	2442	[7.0-9.0]
		8	2447	[6.0-8.0]
		9	2452	[7.0-9.0]
	11ax20	1	2412	[11.0-13.0]

		6	2437	[11.0-13.0]
		8	2447	[11.0-13.0]
		9	2452	[11.0-13.0]
		10	2457	[11.0-13.0]
		11	2462	[9.0-11.0]
	11ax40	3	2422	[11.0-13.0]
		4	2427	[11.0-13.0]
		5	2432	[11.0-13.0]
		6	2437	[10.0-12.0]
		7	2442	[8.0-10.0]
		8	2447	[7.0-9.0]
		9	2452	[7.0-9.0]

WIFI2.4G-ANT11-Level2

	Mode	Channal	Frequency (MHz)	Tune up (dBm)
2.4G	11b	1	2412	[11.0-13.0]
		6	2437	[11.0-13.0]
		11	2462	[11.0-13.0]
	11g	1	2412	[13.0-15.0]
		2	2417	[15.0-17.0]
		6	2437	[16.0-18.0]
		8	2447	[15.0-17.0]
		9	2452	[14.0-16.0]
		10	2457	[13.0-15.0]
		11	2462	[10.0-12.0]
	11n20	1	2412	[12.0-14.0]
		2	2417	[15.0-17.0]
		6	2437	[16.0-18.0]
		8	2447	[15.0-17.0]
		9	2452	[13.0-15.0]
		10	2457	[12.0-14.0]
		11	2462	[9.0-11.0]
	11n40	3	2422	[12.0-14.0]
		4	2427	[12.0-14.0]
		5	2432	[11.0-13.0]
		6	2437	[10.0-12.0]
		7	2442	[8.0-10.0]
		8	2447	[7.0-9.0]
		9	2452	[7.0-9.0]
	VHT20	1	2412	[13.0-15.0]
		2	2417	[14.0-16.0]
		6	2437	[15.0-17.0]
		8	2447	[15.0-17.0]
		9	2452	[13.0-15.0]
		10	2457	[12.0-14.0]
		11	2462	[10.0-12.0]
	VHT40	3	2422	[13.0-15.0]
		4	2427	[12.0-14.0]
		5	2432	[11.0-13.0]
		6	2437	[11.0-13.0]
		7	2442	[7.0-9.0]
		8	2447	[6.0-8.0]
		9	2452	[7.0-9.0]
	11ax20	1	2412	[13.0-15.0]

		6	2437	[13.0-15.0]
		8	2447	[13.0-15.0]
		9	2452	[12.0-14.0]
		10	2457	[11.0-13.0]
		11	2462	[9.0-11.0]
	11ax40	3	2422	[13.0-15.0]
		4	2427	[12.0-14.0]
		5	2432	[11.0-13.0]
		6	2437	[10.0-12.0]
		7	2442	[8.0-10.0]
		8	2447	[7.0-9.0]
		9	2452	[7.0-9.0]

WIFI5G-ANT12-Full Power

	Mode	Channel	Frequency (MHz)	Tune up (dBm)
5.2G	11a	36	5180	[16.0-18.0]
		44	5220	[16.0-18.0]
		48	5240	[16.0-18.0]
	11n20	36	5180	[16.0-18.0]
		44	5220	[16.0-18.0]
		48	5240	[16.0-18.0]
	11n40	38	5190	[16.0-18.0]
		46	5230	[17.5-19.5]
	11ac20	36	5180	[16.0-18.0]
		44	5220	[16.0-18.0]
		48	5240	[16.0-18.0]
	11ac40	38	5190	[14.0-16.0]
		46	5230	[17.0-19.0]
	11ac80	42	5210	[11.0-13.0]
	11ax20	36	5180	[15.0-17.0]
		44	5220	[15.0-17.0]
		48	5240	[15.0-17.0]
	11ax40	38	5190	[14.5-16.5]
		46	5230	[14.5-16.5]
	11ax80	42	5210	[11.0-13.0]
5.3G	11a	52	5260	[15.0-17.0]
		60	5300	[15.0-17.0]
		64	5320	[15.0-17.0]
	11n20	52	5260	[15.0-17.0]
		60	5300	[15.0-17.0]
		64	5320	[15.0-17.0]
	11n40	54	5270	[17.5-19.5]
		62	5310	[12.0-14.0]
	11ac20	52	5260	[15.0-17.0]
		60	5300	[15.0-17.0]
		64	5320	[15.0-17.0]
	11ac40	54	5270	[17.0-19.0]
		62	5310	[12.0-14.0]
	11ac80	58	5290	[9.0-11.0]
	11ax20	52	5260	[15.0-17.0]
		60	5300	[15.0-17.0]
		64	5320	[15.0-17.0]
	11ax40	54	5270	[14.5-16.5]
		62	5310	[12.0-14.0]

	11ax80	58	5290	[9.0-11.0]
5.6G	11a	100	5500	[16.0-18.0]
		116	5580	[16.0-18.0]
		140	5700	[16.0-18.0]
	11n20	100	5500	[16.0-18.0]
		116	5580	[16.0-18.0]
		140	5700	[16.0-18.0]
	11n40	102	5510	[14.0-16.0]
		110	5550	[17.5-19.5]
		134	5670	[17.5-19.5]
	11ac20	100	5500	[16.0-18.0]
		116	5580	[16.0-18.0]
		140	5700	[16.0-18.0]
	11ac40	102	5510	[14.0-16.0]
		110	5550	[17.5-19.5]
		134	5670	[17.5-19.5]
	11ac80	106	5530	[13.0-15.0]
		122	5610	[16.0-18.0]
	11ax20	100	5500	[15.0-17.0]
		116	5580	[15.0-17.0]
		140	5700	[15.0-17.0]
	11ax40	102	5510	[14.5-16.5]
		110	5550	[14.5-16.5]
		134	5670	[14.5-16.5]
	11ax80	106	5530	[14.0-16.0]
		122	5610	[14.0-16.0]
5.8G	11a	149	5745	[16.0-18.0]
		157	5785	[16.0-18.0]
		165	5825	[16.0-18.0]
	11n20	149	5745	[16.0-18.0]
		157	5785	[16.0-18.0]
		165	5825	[16.0-18.0]
	11n40	151	5755	[17.5-19.5]
		159	5795	[17.5-19.5]
	11ac20	149	5745	[16.0-18.0]
		157	5785	[16.0-18.0]
		165	5825	[16.0-18.0]
	11ac40	151	5755	[17.0-19.0]
		159	5795	[17.0-19.0]
	11ac80	155	5775	[15.5-17.5]
	11ax20	149	5745	[15.0-17.0]
		157	5785	[15.0-17.0]
		165	5825	[15.0-17.0]

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	11ax40	151	5755	[14.5-16.5]
		159	5795	[14.5-16.5]
	11ax80	155	5775	[14.0-16.0]

WIFI5G-ANT12-Level1&3

	Mode	Channal	Frequency (MHz)	SAR Test
5.2G	11a	36	5180	[6.0-8.0]
		44	5220	[6.0-8.0]
		48	5240	[6.0-8.0]
	11n20	36	5180	[6.0-8.0]
		44	5220	[6.0-8.0]
		48	5240	[6.0-8.0]
	11n40	38	5190	[6.0-8.0]
		46	5230	[6.0-8.0]
	11ac20	36	5180	[6.0-8.0]
		44	5220	[6.0-8.0]
		48	5240	[6.0-8.0]
	11ac40	38	5190	[6.0-8.0]
		46	5230	[6.0-8.0]
	11ac80	42	5210	[6.0-8.0]
	11ax20	36	5180	[6.0-8.0]
		44	5220	[6.0-8.0]
		48	5240	[6.0-8.0]
	11ax40	38	5190	[6.0-8.0]
		46	5230	[6.0-8.0]
	11ax80	42	5210	[6.0-8.0]
5.3G	11a	52	5260	[6.0-8.0]
		60	5300	[6.0-8.0]
		64	5320	[6.0-8.0]
	11n20	52	5260	[6.0-8.0]
		60	5300	[6.0-8.0]
		64	5320	[6.0-8.0]
	11n40	54	5270	[6.0-8.0]
		62	5310	[6.0-8.0]
	11ac20	52	5260	[6.0-8.0]
		60	5300	[6.0-8.0]
		64	5320	[6.0-8.0]
	11ac40	54	5270	[6.0-8.0]
		62	5310	[6.0-8.0]
	11ac80	58	5290	[6.0-8.0]
	11ax20	52	5260	[6.0-8.0]
		60	5300	[6.0-8.0]
		64	5320	[6.0-8.0]
	11ax40	54	5270	[6.0-8.0]
		62	5310	[6.0-8.0]

	11ax80	58	5290	[6.0-8.0]
5.6G	11a	100	5500	[6.5-8.5]
		116	5580	[6.5-8.5]
		140	5700	[6.5-8.5]
	11n20	100	5500	[6.5-8.5]
		116	5580	[6.5-8.5]
		140	5700	[6.5-8.5]
	11n40	102	5510	[6.5-8.5]
		110	5550	[6.5-8.5]
		134	5670	[6.5-8.5]
	11ac20	100	5500	[6.5-8.5]
		116	5580	[6.5-8.5]
		140	5700	[6.5-8.5]
	11ac40	102	5510	[6.5-8.5]
		110	5550	[6.5-8.5]
		134	5670	[6.5-8.5]
	11ac80	106	5530	[6.5-8.5]
		122	5610	[6.5-8.5]
	11ax20	100	5500	[6.5-8.5]
		116	5580	[6.5-8.5]
		140	5700	[6.5-8.5]
	11ax40	102	5510	[6.5-8.5]
		110	5550	[6.5-8.5]
		134	5670	[6.5-8.5]
	11ax80	106	5530	[6.5-8.5]
		122	5610	[6.5-8.5]
5.8G	11a	149	5745	[5.5-7.5]
		157	5785	[5.5-7.5]
		165	5825	[5.5-7.5]
	11n20	149	5745	[5.5-7.5]
		157	5785	[5.5-7.5]
		165	5825	[5.5-7.5]
	11n40	151	5755	[5.5-7.5]
		159	5795	[5.5-7.5]
	11ac20	149	5745	[5.5-7.5]
		157	5785	[5.5-7.5]
		165	5825	[5.5-7.5]
	11ac40	151	5755	[5.5-7.5]
		159	5795	[5.5-7.5]
	11ac80	155	5775	[5.5-7.5]
	11ax20	149	5745	[5.5-7.5]
		157	5785	[5.5-7.5]
		165	5825	[5.5-7.5]

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	11ax40	151	5755	[5.5-7.5]
		159	5795	[5.5-7.5]
	11ax80	155	5775	[5.5-7.5]

WIFI5G-ANT12-Level2&4

	Mode	Channal	Frequency (MHz)	SAR Test
5.2G	11a	36	5180	[16.0-18.0]
		44	5220	[16.0-18.0]
		48	5240	[16.0-18.0]
	11n20	36	5180	[16.0-18.0]
		44	5220	[16.0-18.0]
		48	5240	[16.0-18.0]
	11n40	38	5190	[14.0-16.0]
		46	5230	[17.5-19.5]
	11ac20	36	5180	[16.0-18.0]
		44	5220	[16.0-18.0]
		48	5240	[16.0-18.0]
	11ac40	38	5190	[14.0-16.0]
		46	5230	[17.0-19.0]
	11ac80	42	5210	[11.0-13.0]
	11ax20	36	5180	[15.0-17.0]
		44	5220	[15.0-17.0]
		48	5240	[15.0-17.0]
	11ax40	38	5190	[14.5-16.5]
		46	5230	[14.5-16.5]
	11ax80	42	5210	[11.0-13.0]
5.3G	11a	52	5260	[15.0-17.0]
		60	5300	[15.0-17.0]
		64	5320	[15.0-17.0]
	11n20	52	5260	[15.0-17.0]
		60	5300	[15.0-17.0]
		64	5320	[15.0-17.0]
	11n40	54	5270	[17.5-19.5]
		62	5310	[12.0-14.0]
	11ac20	52	5260	[15.0-17.0]
		60	5300	[15.0-17.0]
		64	5320	[15.0-17.0]
	11ac40	54	5270	[17.0-19.0]
		62	5310	[12.0-14.0]
	11ac80	58	5290	[9.0-11.0]
	11ax20	52	5260	[15.0-17.0]
		60	5300	[15.0-17.0]
		64	5320	[15.0-17.0]
	11ax40	54	5270	[14.5-16.5]
		62	5310	[12.0-14.0]

	11ax80	58	5290	[9.0-11.0]
5.6G	11a	100	5500	[16.0-18.0]
		116	5580	[16.0-18.0]
		140	5700	[16.0-18.0]
	11n20	100	5500	[16.0-18.0]
		116	5580	[16.0-18.0]
		140	5700	[16.0-18.0]
	11n40	102	5510	[14.0-16.0]
		110	5550	[17.5-19.5]
		134	5670	[17.5-19.5]
	11ac20	100	5500	[16.0-18.0]
		116	5580	[16.0-18.0]
		140	5700	[16.0-18.0]
	11ac40	102	5510	[14.0-6.0]
		110	5550	[17.5-19.5]
		134	5670	[17.5-19.5]
	11ac80	106	5530	[13.0-15.0]
		122	5610	[16.0-18.0]
	11ax20	100	5500	[15.0-17.0]
		116	5580	[15.0-17.0]
		140	5700	[15.0-17.0]
	11ax40	102	5510	[14.5-16.5]
		110	5550	[14.5-16.5]
		134	5670	[14.5-16.5]
	11ax80	106	5530	[14.0-16.0]
		122	5610	[14.0-16.0]
5.8G	11a	149	5745	[16.0-18.0]
		157	5785	[16.0-18.0]
		165	5825	[16.0-18.0]
	11n20	149	5745	[16.0-18.0]
		157	5785	[16.0-18.0]
		165	5825	[16.0-18.0]
	11n40	151	5755	[17.5-19.5]
		159	5795	[17.5-19.5]
	11ac20	149	5745	[16.0-18.0]
		157	5785	[16.0-18.0]
		165	5825	[16.0-18.0]
	11ac40	151	5755	[17.0-19.0]
		159	5795	[17.0-19.0]
	11ac80	155	5775	[15.5-17.5]
	11ax20	149	5745	[15.0-17.0]
		157	5785	[15.0-17.0]
		165	5825	[15.0-17.0]

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	11ax40	151	5755	[14.5-16.5]
		159	5795	[14.5-16.5]
	11ax80	155	5775	[14.0-16.0]

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Test Mode	Modulation	Channel number	Frequency(MHz)	Tune up (dBm))
BT	DH5	0	2402	[12.5-14.5]
		39	2441	[12.5-14.5]
		78	2480	[12.5-14.5]
	2DH5	0	2402	[9.0-11.0]
		39	2441	[9.0-11.0]
		78	2480	[9.0-11.0]
	3DH5	0	2402	[9.0-11.0]
		39	2441	[9.0-11.0]
		78	2480	[9.0-11.0]
	BLE-1M	0	2402	[2.0-4.0]
		19	2440	[2.0-4.0]
		39	2480	[2.0-4.0]
	BLE-2M	1	2404	[2.0-4.0]
		19	2440	[2.0-4.0]
		38	2478	[2.0-4.0]

Bluetooth-ANT11-Level1

Test Mode	Modulation	Channel number	Frequency(MHz)	Tune up (dBm))
BT	DH5	0	2402	[8.5-10.5]
		39	2441	[8.5-10.5]
		78	2480	[8.5-10.5]
	2DH5	0	2402	[7.0-9.0]
		39	2441	[7.0-9.0]
		78	2480	[7.0-9.0]
	3DH5	0	2402	[7.0-9.0]
		39	2441	[7.0-9.0]
		78	2480	[7.0-9.0]
	BLE-1M	0	2402	[2.0-4.0]
		19	2440	[2.0-4.0]
		39	2480	[2.0-4.0]
	BLE-2M	1	2404	[2.0-4.0]
		19	2440	[2.0-4.0]
		38	2478	[2.0-4.0]

Bluetooth-ANT11-Level3

Test Mode	Modulation	Channel number	Frequency(MHz)	Tune up (dBm))
BT	DH5	0	2402	[3.5-5.5]
		39	2441	[3.5-5.5]
		78	2480	[3.5-5.5]
	2DH5	0	2402	[0.0-2.0]
		39	2441	[0.0-2.0]
		78	2480	[0.0-2.0]
	3DH5	0	2402	[0.0-2.0]
		39	2441	[0.0-2.0]
		78	2480	[0.0-2.0]
	BLE-1M	0	2402	[2.0-4.0]
		19	2440	[2.0-4.0]
		39	2480	[2.0-4.0]
	BLE-2M	1	2404	[2.0-4.0]
		19	2440	[2.0-4.0]
		38	2478	[2.0-4.0]

Bluetooth-ANT11-Level2&4

Test Mode	Modulation	Channel number	Frequency(MHz)	Tune up (dBm))
BT	DH5	0	2402	[12.5-14.5]
		39	2441	[12.5-14.5]
		78	2480	[12.5-14.5]
	2DH5	0	2402	[9.0-11.0]
		39	2441	[9.0-11.0]
		78	2480	[9.0-11.0]
	3DH5	0	2402	[9.0-11.0]
		39	2441	[9.0-11.0]
		78	2480	[9.0-11.0]
	BLE-1M	0	2402	[2.0-4.0]
		19	2440	[2.0-4.0]
		39	2480	[2.0-4.0]
	BLE-2M	1	2404	[2.0-4.0]
		19	2440	[2.0-4.0]
		38	2478	[2.0-4.0]