



耀登电通科技(深圳)有限公司

Auden Communications & Multimedia Techno (Shenzhen) Co., Ltd

N23 天线报告

Antenna Evaluating Report

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Date of Report:

2017/01/16

報告紀錄 / Report History



Date	Rev	Description
2016/10/24	V01	样机调试WIFI
2016/11/09	V02	试产机器调试
2016/01/16	V03	测试数据

天线模拟评估 / Antenna Measurement



■主天线效率以及增益

Main-Ant	Close		NB		Pad	
Freq	Gain	Efficiency	Gain	Efficiency	Gain	Efficiency
2400	0.63	20.39	3.11	43.94	0.18	27.96
2410	0.92	20.46	3.48	45.87	0.23	28.57
2420	0.78	19.02	3.74	47.22	0.21	30.87
2430	1.19	20.21	3.92	47.88	0.45	31.09
2440	1.35	22.64	4.20	52.32	0.65	32.09
2450	1.17	23.42	4.03	53.87	0.84	32.73
2460	1.24	23.22	3.58	52.82	0.48	31.15
2470	1.13	22.29	3.38	53.47	0.51	32.49
2480	1.13	21.40	2.95	48.94	0.47	29.97
5150	0.45	23.41	1.16	32.34	2.33	30.96
5200	0.22	23.33	1.76	33.32	2.09	32.77
5250	0.19	24.40	1.86	37.23	2.09	33.73
5300	0.24	23.85	1.31	37.16	1.80	35.07
5350	-0.39	23.23	1.46	34.78	1.22	33.27
5400	0.16	23.53	0.83	33.58	0.32	31.07
5450	-0.63	23.87	1.24	32.72	0.44	30.31
5500	-0.99	22.98	0.67	32.28	1.33	29.99
5550	-0.22	22.14	1.62	35.77	2.15	34.24
5600	0.11	23.65	1.78	36.64	2.18	35.56
5650	0.84	25.35	2.75	37.84	1.88	36.00
5700	1.62	25.63	1.88	37.66	2.37	36.80
5750	2.19	25.00	1.34	37.84	1.91	36.47
5800	1.85	24.35	1.67	34.19	1.60	31.33
5850	1.50	23.57	1.26	35.83	2.57	33.15
5875	1.59	23.36	1.91	35.97	2.58	34.11

天线模拟评估 / Antenna Measurement



■ 副天线效率以及增益

Aux-Ant	Close		NB		Pad	
Freq	Gain	Efficiency	Gain	Efficiency	Gain	Efficiency
2400	-0.50	15.84	3.45	48.74	2.74	30.23
2410	-0.22	16.92	3.46	49.89	2.33	30.84
2420	-0.08	15.78	3.18	46.71	1.97	30.47
2430	0.33	16.70	2.93	46.91	2.09	31.03
2440	0.45	16.83	2.77	48.73	1.85	29.07
2450	0.47	15.80	2.74	48.82	2.32	31.36
2460	-0.18	16.27	2.41	48.51	2.52	32.10
2470	-0.22	16.48	2.31	47.60	2.95	32.46
2480	-0.47	15.97	2.48	46.53	2.92	30.69
5150	-0.47	22.39	1.13	30.10	2.55	28.97
5200	-0.73	22.78	0.71	30.88	2.32	28.14
5250	0.19	23.55	0.33	31.08	2.35	30.58
5300	0.54	24.94	0.73	32.91	2.49	31.64
5350	0.34	24.49	1.66	32.79	2.54	30.01
5400	-0.18	23.73	1.16	31.92	1.83	28.56
5450	-0.58	24.64	0.52	29.52	1.32	26.09
5500	-0.77	18.75	-0.28	27.48	1.26	25.01
5550	0.25	19.98	0.51	30.27	2.08	27.14
5600	1.15	20.92	0.78	31.18	1.74	28.44
5650	0.98	21.13	0.58	33.38	1.69	29.73
5700	1.10	21.80	0.65	34.12	1.46	30.51
5750	0.48	20.41	0.88	33.73	1.13	29.24
5800	-0.52	18.30	1.35	32.72	0.75	28.21
5850	-0.17	18.39	1.43	31.92	0.69	27.82
5875	-0.39	19.83	1.45	32.05	0.83	28.19



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Thank You



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