

# Flute(Z8LA)

## C1 build\_WLAN sku\_Antenna Test Report

Provide by: Limin Chang

Reviewed by: Jasper Lin

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Rev:1



# 5. Measured Efficiency & VSWR(open mode)

Frequency (MHz)	X-Z Plane Peak Gain (dBi)	3D Peak Gain (dBi)	Efficiency (%/ dB)	
2412	-0.15	1.20	42.65	-3.70
2437	0.29	1.56	43.13	-3.65
2462	0.72	1.55	45.77	-3.39
5160	0.60	1.87	47.15	-3.26
5250	0.72	2.49	43.61	-3.60
5320	-0.84	2.00	44.38	-3.53
5470	-1.51	0.68	45.68	-3.40
5600	-1.84	1.30	47.01	-3.28
5725	-1.68	2.17	47.52	-3.23
5785	-2.47	0.95	46.65	-3.31
5850	-1.20	2.17	46.92	-3.29
5925	-1.69	2.61	46.49	-3.33
6085	-1.29	1.16	40.30	-3.95
6125	-2.18	0.59	38.49	-4.15
6225	-2.26	1.49	37.75	-4.23
6325	-1.94	1.83	37.17	-4.30
6425	-2.39	1.29	35.15	-4.54
6565	-2.76	1.49	32.56	-4.87
6625	-3.93	-0.13	30.34	-5.18
6725	-2.57	-0.27	29.05	-5.37
6885	-3.39	-0.22	29.23	-5.34
6925	-2.07	0.87	29.19	-5.35
7000	-1.72	3.19	32.34	-4.90
7125	-0.28	1.65	31.84	-4.97

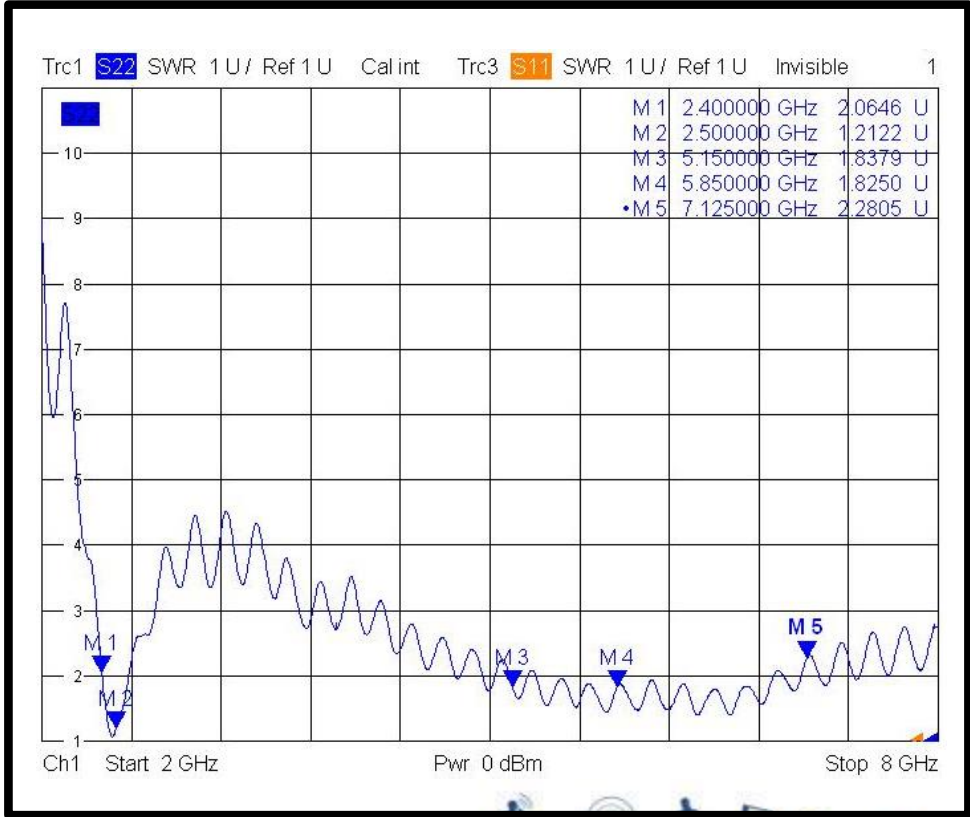
WLAN Main / Black



# 5. Measured Efficiency & VSWR(open mode)

Frequency (MHz)	X-Z Plane Peak Gain (dBi)	3D Peak Gain (dBi)	Efficiency (%/ dB)	
2412	0.03	1.52	42.80	-3.69
2437	0.53	1.62	46.28	-3.35
2462	0.47	1.42	48.96	-3.10
5160	-0.38	1.60	30.53	-5.15
5250	-0.76	2.13	34.61	-4.61
5320	-1.77	1.33	31.68	-4.99
5470	-3.41	2.61	30.37	-5.18
5600	-3.13	1.76	28.73	-5.42
5725	-1.14	2.91	30.00	-5.23
5785	0.15	0.53	28.91	-5.39
5850	0.27	2.11	29.92	-5.24
5925	0.14	1.99	27.95	-5.54
6085	-0.29	3.17	26.27	-5.81
6125	-0.55	2.96	26.11	-5.83
6225	0.67	2.62	23.84	-6.23
6325	0.49	2.06	24.16	-6.17
6425	0.32	-0.01	22.93	-6.40
6565	0.04	1.28	23.74	-6.25
6625	0.09	0.71	23.38	-6.31
6725	-0.43	0.57	23.78	-6.24
6885	-1.74	-0.19	22.44	-6.49
6925	-2.18	0.21	23.32	-6.32
7000	-1.28	0.96	23.38	-6.31
7125	-2.56	-0.72	22.59	-6.46

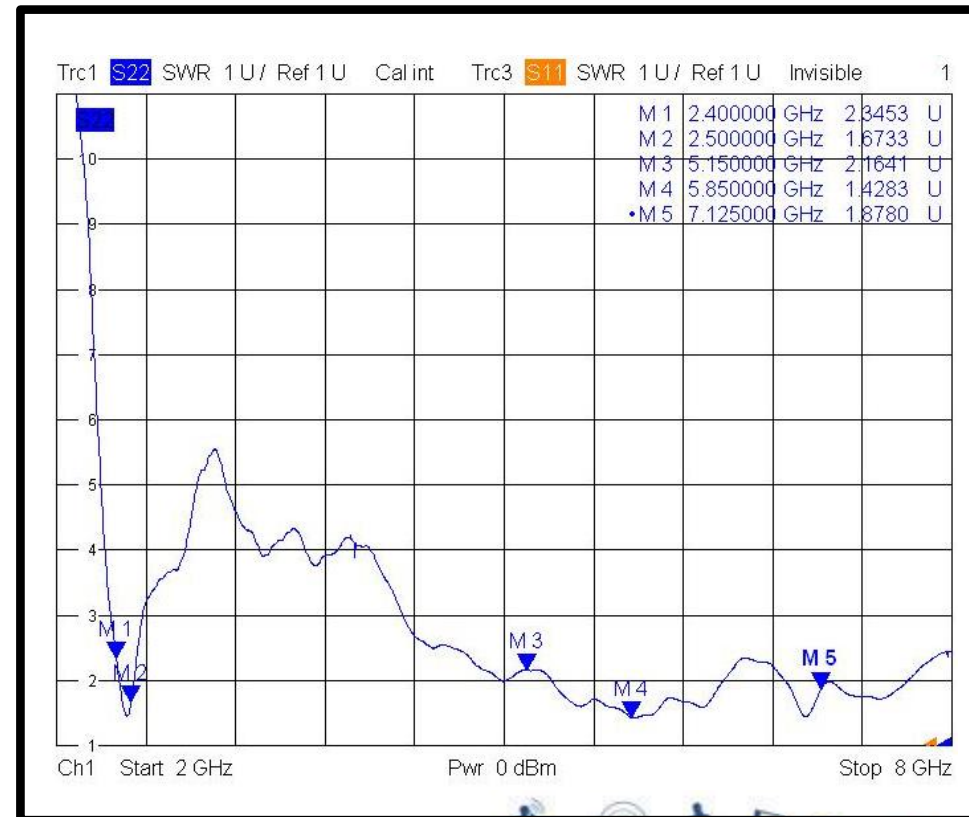
WLAN Aux / White



# 5. Measured Efficiency & VSWR(tablet mode)

Frequency (MHz)	X-Z Plane Peak Gain (dBi)	3D Peak Gain (dBi)	Efficiency (%/ dB)	
			Efficiency (%)	VSWR (dB)
2412	-1.89	1.38	28.53	-5.45
2437	-1.12	2.27	28.39	-5.47
2462	-0.41	2.80	29.19	-5.35
5160	1.41	2.67	44.98	-3.47
5250	2.12	2.58	44.55	-3.51
5320	1.83	2.90	46.67	-3.31
5470	0.31	1.62	46.22	-3.35
5600	-1.12	2.19	47.27	-3.25
5725	-1.20	2.79	48.77	-3.12
5785	-2.30	1.75	47.26	-3.25
5850	-0.96	2.92	47.83	-3.20
5925	-1.75	2.63	47.13	-3.27
6085	-2.19	1.57	32.55	-4.88
6125	-2.75	0.93	28.20	-5.50
6225	-1.09	2.43	38.74	-4.12
6325	-0.07	2.35	39.85	-4.00
6425	-0.90	1.74	32.90	-4.83
6565	-1.30	1.85	31.89	-4.96
6625	-2.05	0.51	24.67	-6.08
6725	-1.02	1.35	27.78	-5.56
6885	-0.93	0.66	23.09	-6.37
6925	-0.15	0.61	23.26	-6.33
7000	0.32	1.76	27.10	-5.67
7125	-0.93	2.26	29.67	-5.28

WLAN Main / Black



# 5. Measured Efficiency & VSWR(tablet mode)

Frequency (MHz)	X-Z Plane Peak Gain (dBi)	3D Peak Gain (dBi)	Efficiency (%/ dB)	
2412	-1.84	0.62	32.47	-4.88
2437	-0.90	0.68	36.33	-4.40
2462	-0.87	0.75	39.14	-4.07
5160	-0.97	1.29	30.91	-5.10
5250	-1.06	1.80	32.05	-4.94
5320	-1.63	0.78	30.95	-5.09
5470	-1.89	1.96	32.73	-4.85
5600	-1.08	1.73	27.14	-5.66
5725	-2.76	2.86	29.58	-5.29
5785	-1.48	0.49	27.51	-5.60
5850	-1.21	2.17	28.42	-5.46
5925	-1.34	1.69	29.31	-5.33
6085	-1.91	1.21	26.39	-5.78
6125	-2.61	1.41	24.52	-6.11
6225	-0.57	2.34	24.05	-6.19
6325	-0.19	2.44	25.46	-5.94
6425	-1.10	0.38	23.46	-6.30
6565	-1.58	0.38	24.76	-6.06
6625	-0.91	-0.96	23.24	-6.34
6725	-1.54	-0.30	23.16	-6.35
6885	-2.16	-0.84	22.39	-6.50
6925	-2.07	-0.75	22.53	-6.47
7000	-2.26	0.26	21.44	-6.69
7125	-2.80	-0.58	22.64	-6.45

WLAN Aux / White

