

2A8WC-MGP01

Tune-up (dBm) procedure

This is to formally certify that:

The tune up procedures of Remote control (FCC ID: 2A8WC-MGP01)

The tune up procedures of is not open to end user. The end user is not allowed to perform final tune. All the power and frequency set up were finished at the manufacturer stage.

Tune up procedure shall be over the power range or at specific operating power levels.

Procedure:

1. Set the phone to operational voltage and on one certain channel in a special service mode by means of company proprietary software.
2. The actual power is measured at several power levels.
3. The gain factors of each individual phone are adjusted via the Board-test SW using automatic adjustment arithmetic until the Tune-up Range (dBm) value is met.

It must provide an operational voltage (DC 7.4V by battery) to turn on the device and on one certain channel in service mode by means of company proprietary software. spectrum analyzer(Agilent, N9020A) and Power meter (DARE, RPR3006W)measures the 2.4G/5G device specific RF characteristics.

Mode	Frequency (MHz)	Tune-up	Output Power (dBm)	Tune-up	Output Power (dBm)	Tune-up	Output Power (dBm)
		ANT1		ANT2		MIMO	
user10M	2420	15.00	14.73	15.00	14.62	18.00	17.69
	2440	15.00	14.59	15.00	14.13	18.00	17.38
	2460	15.00	13.99	15.00	14.25	18.00	17.13
user20M	2420	14.50	14.46	14.50	14.31	17.50	17.40
	2440	14.50	14.41	14.50	14.18	17.50	17.31
	2460	14.50	13.89	14.50	14.22	17.50	17.07
user40M	2420	14.50	14.05	14.00	13.79	17.00	16.93
	2440	14.50	13.77	14.00	13.77	17.00	16.78
	2460	14.50	13.31	14.00	13.77	17.00	16.56

NOTE: Power measurement results of User-defined 2.4G

Mode	Frequency (MHz)	Tune-up	Output Power (dBm)	Tune-up	Output Power (dBm)	Tune-up	Output Power (dBm)
		ANT1		ANT2		MIMO	
user10M	5740	11.50	10.74	11.00	10.56	14.50	13.66
	5780	11.50	11.34	11.00	10.70	14.50	14.04

	5820	11.50	9.49	11.00	10.92	14.50	13.27
user20M	5740	11.50	10.26	11.00	10.39	14.00	13.34
	5780	11.50	11.43	11.00	10.41	14.00	13.96
	5820	11.50	9.59	11.00	10.63	14.00	13.15
user40M	5760	12.50	12.23	11.50	10.81	15.00	14.59
	5780	12.50	11.94	11.50	10.68	15.00	14.37
	5820	12.50	10.41	11.50	11.01	15.00	13.73

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