

Tune Up Procedure

FCC ID: 2AMBP-ITRAQ3

Tune-up procedure

GSM/WCDMA TEST

Measurement Procedure:

GSM/WCDMA

- 1.Connect EUT with CMW500,through RF cable.
- 2.Measure the Output Power Average value
- 3.Remarks: All Output Power are tested in Average Value specification.

Manufacturing tolerance

UMTS

UMTS Band 2 HSPA			
Channel	Channel 9262	Channel 9400	Channel 9538
Target (dBm)	23.0	23.0	23.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0

UMTS Band 5 HSPA			
Channel	Channel 4132	Channel 4182	Channel 4233
Target (dBm)	23.5	23.5	23.5
Tolerance $\pm$ (dB)	1.0	1.0	1.0

GPRS Speech

GSM 850 (GMSK)				
Channel		128	190	251
GPRS	Target (dBm)	31.0	31.0	31.0
	Tolerance $\pm$ (dB)	1.0	1.0	1.0
EGPRS	Target (dBm)	27.0	27.0	27.0
	Tolerance $\pm$ (dB)	1.0	1.0	1.0
GSM 1900 (GMSK)				
Channel		512	661	810
GPRS	Target (dBm)	30.0	30.0	30.0
	Tolerance $\pm$ (dB)	1.0	1.0	1.0
EGPRS	Target (dBm)	26.0	26.0	26.0
	Tolerance $\pm$ (dB)	1.0	1.0	1.0

2.4G WiFi

IEEE 802.11b (Average)			
Channel	Channel 1	Channel 6	Channel 11
Target (dBm)	12	12	12
Tolerance $\pm$ (dB)	1.0	1.0	1.0
IEEE 802.11g (Average)			
Channel	Channel 1	Channel 6	Channel 11
Target (dBm)	11	11	11
Tolerance $\pm$ (dB)	1.0	1.0	1.0
IEEE 802.11n HT20 (Average)			
Channel	Channel 1	Channel 6	Channel 11
Target (dBm)	11	11	11
Tolerance $\pm$ (dB)	1.0	1.0	1.0