

P3.1.2 1W0 Power Tuning and validation on 5 Channels per band – SKU A , SKU B		RTL= 100 %
		Recommended Test Level
Acceptance Criteria:		
Access Point	Serial Port	
Low limit	Nominal	High limit
29.5 dBm	30.0 dBm	30.5 dBm
Conditions	<p>General Condition TX Test Sequence</p> <p>a) RA1202_A_TEST_ACP_TORQAG-024_20140417144755 – SKU A Radio</p> <p>b) RA1202_B_TEST_ACP_TORHWE-234_2013120613343 - SKU B Radio</p> <p>c) PA Cal table needs to updated at "C:\Test Programs\ra1202tp\pa_cal" Directory.</p> <p>MXA Condition: Meas Filter = RRC Ref Filter = RCOS Modulation Format = FSK4 TX Pulse shaping Filter = 0-alpha=0.2 Custom Tx Channel Filter = 1-baud*1.88</p> <p>UUT Condition:</p> <p>a) Modulation :4LV FSK , 9600</p> <p>b) Channel Spacing : 12.5 KHz</p> <p>c) Power level 1W0</p> <p>d) Band – 403 to 435 Mhz : Tested frequency as shown below</p> <p>i. 403 MHz</p> <p>ii. 411 MHz</p> <p>iii. 419 MHz</p> <p>iv. 427 MHz</p> <p>v. 435 MHz</p> <p>e) Band – 435 to 470 Mhz : Tested frequency as shown below</p> <p>vi. 435 MHz</p> <p>vii. 443 MHz</p> <p>viii. 451 MHz</p> <p>ix. 460 MHz</p> <p>x. 470 MHz</p>	
Description	<p>Test software automatically select the channels and perform the 1 watt calibration and perform final validation on all channels.</p> <p>Debug command :</p> <p>To Set Radio type : " Set radiotype xx1"</p> <p>To set the cal values</p> <p>" cmx w 5d <cal value>"</p> <p>" cmx w 5e <cal value>"</p> <p>To Measure Power – Tx mode</p> <p>"ber tx p"</p> <p>To Stop Tx mode</p> <p>"ber stop"</p> <p>Measure power using MXA Agilent RF Analyser</p>	
T&M Equipment	<ul style="list-style-type: none"> HMP4040 Power Supply MXA Agilent RF Communications Test Set FIXED RF Attenuators RF SWITCH 	