

M3T adjusting procedures

Item	Instrument	Descriptions	Adjusting point
Operating Frequency	Frequency Counter	1.Set frequency to 630.000MHz. 2.Adjust actual frequency within 629.999 to 630.001MHz by trimming TC101.	TC101
RF Output Power	RF Power Meter	1.Set frequency to 630.000MHz. 2.Set RF Power to "H". 3.Adjust RF output power within 45mW to 50mW by trimming VR201 on the RF board. 4.Set RF Power to "L". 5.Adjust RF output power within 9mW to 10mW by trimming VR202 on the RF board.	VR201 VR202
Spurious	Spectrum Analyzer	1.Set frequency to 630.000MHz. 2.Set RF power to "H". 3.Check spurious level less than -63dBc. 4.Set RF power to "L". 5.Check spurious level less than -63dBc.	none
Max. deviation	Deviation Meter	1.Set frequency to 630.000MHz. 2.Set AF input level to 0dBV. 3.Adjust deviation within +/-39.5kHz to +/-40.5kHz by trimming VR101 on the RF board.	VR101