

EQUIPMENT TEST LIST

TD-3D MICROWAVE RADIO

SEE SECTION 010-300-011 FOR EQUIPMENT TEST LIST INSTRUCTIONS

EQUIPMENT TEST LIST						
B.S.P.	I S S	TEST OR REQT.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
415			TD-3D MICROWAVE RADIO			
415-1			OVERALL SYSTEM			
415-100-509	1		CARRIER FREQUENCY MEASUREMENTS	MW	12M	
415-3			TRANSMITTER-RECEIVER BAY TESTS USING THE J68345A			
			TEST SET			
◆ 415-301-500	7		OVERALL RECEIVER TESTS			
		1	<i>In-Service Checks</i>	MW	6M	
		3	<i>Microwave Generator Frequency Check</i>	MW	12M	
		10 or 11	<i>IF Main Amplifier—IF Carrier Resupply</i>	MW	12M	
◆ 415-301-501	6		OVERALL TRANSMITTER TESTS			
		1	<i>In-Service Checks</i>	MW	6M	
		2	<i>Microwave Generator Frequency Check</i>	MW	12M	
◆ 415-301-502	8		OVERALL REPEATER TESTS			
		1	<i>In-Service Checks</i>	MW	6M	
		3	<i>Microwave Generator Frequency Check</i>	MW	12M	
		5	<i>40-MHz Osc and Shift Modulator Check</i>	MW	12M	
		10	<i>IF Main Amplifier—IF Carrier Resupply</i>	MW	12M	
415-310			Common Equipment Tests			
◆ 415-310-512	2		FADE MARGIN TESTS	MW	12M	
415-4			TRANSMITTER-RECEIVER BAY TESTS USING THE J68392A			
			TEST SET			
◆ 415-401-500	6		OVERALL RECEIVER TESTS			
		1	<i>In-Service Checks</i>	MW	12M	
		3	<i>Microwave Generator Frequency Check</i>	MW	12M	
		5	<i>40-MHz Osc and Shift Modulator Check</i>	MW	12M	
		11 or 12	<i>IF Main Amplifier—IF Carrier Resupply</i>	MW	12M	
◆ 415-401-501	5		OVERALL TRANSMITTER TESTS			
		1	<i>In-Service Checks</i>	MW	6M	
		2	<i>Microwave Generator Frequency Check</i>	MW	12M	
415-410			Common Equipment Tests			
415-410-511	1		IMPULSE NOISE TROUBLESHOOTING	MW	#	
			<i>#Initial 1A RDS installation and when units or components are changed</i>			
◆ 415-410-512	3		FADE MARGIN TESTS	MW	12M	
415-5			TRANSMITTER-RECEIVER BAY TESTS USING THE J68428A			
			TEST SET			
◆ 415-501-500	6		OVERALL RECEIVER TESTS			

EQUIPMENT TEST LIST						
B.S.P.	I S S	TEST OR REQT.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
♦ 415-501-500	6		<i>(Cont)</i>			
		1	<i>In-Service Checks</i>	MW	12M	
		3	<i>Microwave Generator Frequency Check</i>	MW	12M	
		5	<i>40-MHz Osc and Shift Modulator Check</i>	MW	12M	
♦		11 or 12	<i>IF Carrier Resupply Adjmt</i>	MW	12M	
♦ 415-501-501	5		OVERALL TRANSMITTER TESTS			
		1	<i>In-Service Checks</i>	MW	6M	
		2	<i>Microwave Generator Frequency Check</i>	MW	12M	
415-510			Common Equipment Tests			
♦ 415-510-512	2		FADE MARGIN TESTS	MW	12M	
415-6			HOT STANDBY/SPACE DIVERSITY			
415-600			Overall Switching			
415-600-501	2		TESTS	MW	6M	
415-3			TRANSMITTER-RECEIVER BAY TESTS USING THE J68345A			
			TEST SET			
♦ 415-301-500	7		OVERALL RECEIVER TESTS	TT		
♦ 415-301-501	6		OVERALL TRANSMITTER TESTS	TT		
♦ 415-301-502	8		OVERALL REPEATER TESTS	TT		
415-310-500	4		J68387R-2 MICROWAVE GENERATOR	TT		
415-310-501	1		J68387W 40-MHz OSC AND SHIFT MODULATOR	TT		
415-310-502	2		RCVR MODULATOR AND IF PREAMP	TT		
415-310-504	1		J68387U IF DRIVER AMPLIFIER—TRANSMITTER MODLTR	TT		
415-310-505	1		TRANSMITTER AMPLIFIER	TT		
415-310-506	1		27B OR 28B INTEGRATED CIRCUIT REPLACEMENT	TT		
415-310-507	2		RF SWITCH TEST AND REPLACEMENT	TT		
415-310-508	1		RECEIVER SPACE DIVERSITY—DIVERSITY SWITCH			
		1	<i>Isolation Tests</i>	TT		
		2	<i>Switch Point Adjustment</i>	TT		
		3	<i>Timer Tests</i>	TT		
		4	<i>Logic Card Replacement</i>	TT		
415-310-511	1		IMPULSE NOISE TROUBLESHOOTING	TT		
415-310-513	1		CROSS-POLARIZATION DISCRIMINATION	TT		
415-310-520	2		IF RETURN-LOSS MEASUREMENTS	TT		
415-310-521	1		NOISE FIGURE TESTS	TT		
415-4			TRANSMITTER-RECEIVER BAY TESTS USING THE J68392A			
			TEST SET			
♦ 415-401-500	6		OVERALL RECEIVER TESTS	TT		

EQUIPMENT TEST LIST						
B.S.P.	I S S	TEST OR REQT.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
◆ 415-401-501	5		OVERALL TRANSMITTER TESTS	TT		
415-410			Common Equipment Tests			
415-410-500	4		J68387R-2 MICROWAVE GENERATOR	TT		
415-410-501	1		J68387W 40-MHz OSC AND SHIFT MODULATOR	TT		
415-410-502	2		RCVR MODULATOR AND IF PREAMP	TT		
415-410-504	1		J68387U IF DRIVER AMPLIFIER—TRANSMITTER MODLTR	TT		
415-410-505	1		TRANSMITTER AMPLIFIER	TT		
415-410-506	1		27B OR 28B INTEGRATED CIRCUIT REPLACEMENT	TT		
415-410-507	2		RF SWITCH TEST AND REPLACEMENT	TT		
415-410-508	1		RECEIVER SPACE DIVERSITY—DIVERSITY SWITCH			
		1	<i>Isolation Tests</i>	TT		
		2	<i>Switch Point Adjustment</i>	TT		
		3	<i>Timer Tests</i>	TT		
		4	<i>Logic Card Replacement</i>	TT		
415-410-511	1		IMPULSE NOISE TROUBLESHOOTING	TT		
415-410-513	1		CROSS-POLARIZATION DISCRIMINATION TEST	TT		
415-410-520	1		IF RETURN-LOSS MEASUREMENTS	TT		
415-410-521	1		NOISE FIGURE TESTS	TT		
415-5			TRANSMITTER-RECEIVER BAY TESTS USING THE J68428A			
			TEST SET			
◆ 415-501-500	6		OVERALL RECEIVER TESTS	TT		
◆ 415-501-501	5		OVERALL TRANSMITTER TESTS	TT		
415-510-500	4		J68387R-2 MICROWAVE GENERATOR	TT		
415-510-501	1		J68387W 40-MHz OSC AND SHIFT MODULATOR	TT		
415-510-502	2		RCVR MODULATOR AND IF PREAMP	TT		
415-510-504	1		J68387U IF DRIVER AMPLIFIER—TRANSMITTER MODLTR	TT		
415-510-505	1		TRANSMITTER AMPLIFIER	TT		
415-510-506	1		27B OR 28B INTEGRATED CIRCUIT REPLACEMENT	TT		
415-510-507	2		RF SWITCH TEST AND REPLACEMENT	TT		
415-510-508	1		RECEIVER SPACE DIVERSITY—DIVERSITY SWITCH			
		1	<i>Isolation Tests</i>	TT		
		2	<i>Switch Point Adjustment</i>	TT		
		3	<i>Timer Tests</i>	TT		
		4	<i>Logic Card Replacement</i>	TT		
415-510-511	1		IMPULSE NOISE TROUBLESHOOTING	TT		
415-510-513	1		CROSS-POLARIZATION DISCRIMINATION TEST	TT		
415-510-520	2		IF RETURN-LOSS MEASUREMENTS	TT		

