



Transmitter Operational Capabilities

RF Device	Duty Cycle	Frequency Range (GHz)*	Automatic Tuning Accuracy (MHz)	Pulse Repetition Frequency (Hz)	Pulse Width (µs)	Peak Power (KW)	Platform
Magnetron	.0011	2.9-3.1	+/-10	100 - 5500	0.15-2.0	175	Landbased/Shipboard
Magnetron	.001	4.9-5.1	+/-10	100 - 5500	0.15-2.0	200	Landbased/Shipboard
Magnetron	.001	6.2-6.6	+/-10	100 - 5500	0.15-2.0	180	Landbased/Shipboard
Magnetron	.0012	6.7-7.4	+/-10	100 - 5500	0.15-2.0	150	Landbased/Shipboard
Magnetron	.0011	7.8-8.5	+/-10	100 - 5500	0.15-2.0	30-180	Landbased/Airborne/Shipboard
Magnetron	.0011	8.5-9.6	+/-10	100 - 5500	0.15-2.0	22-180	Landbased/Airborne/Shipboard
Magnetron	.001	11.9-13.3	+/-10	100 - 5500	0.15-2.0	100	Landbased/Airborne/Shipboard
Magnetron	.001	14.0-15.2	+/-10	100 - 5500	0.15-2.0	22-125	Landbased/Airborne/Shipboard
Magnetron	.0012	16.6-17.1	+/-10	100 - 5500	0.15-2.0	30	Landbased/Airborne/Shipboard
Magnetron	.0011	15.5-17.5	+/-10	100 - 5500	0.15-2.0	100	Landbased/Airborne/Shipboard
		*Other frequency ranges available					
RF Device*	Duty Cycle%	Frequency Range (GHz)*	Automatic Tuning Accuracy (MHz)*	Pulse Repetition Frequency (Hz)	Pulse Width (µs)	CW Power (W)	Platform
DTO	100	2-6	<3 MHz	1.0-400,000	0.05-100	100	Landbased/Airborne
DTO	100	2-7	<3 MHz	1.0-400,000	0.05-100	600	Landbased
DTO	100	6-18	<3 MHz	1.0-400,000	0.05-100	100	Landbased/Airborne
DTO	100	6-18	<3 MHz	1.0-400,000	0.05-100	300	Landbased
*Other RF Sources Available		*Other frequency ranges available	*Higher accuracy available				

RADAR SIMULATOR PRF MODULATION & SCAN PARAMETERS:

Pulse Modes:

- Steady PRF Mode
- Stagger PRF Mode
- Random Jitter Mode
- Sinusoidal Jitter Mode
- Triangular Jitter Mode

Scan Modes:

- Steady Scan
- Circular Scan
- Bi-Directional Scan
- Uni-Directional Scan

