





## Single Station Vs. Multi-Station

The UltraEAGLE ULR-501 system has been designed for either single station operation or deployment as part of a wider network of ULR-501 systems. In a multi-station system, the DF information can be exchanged between ULR-501 systems to enable Emitter of Interest locations to be calculated.

## Performance

	Parameter	Specification	Remarks
RF Frequency (ESM & ELINT)	Frequency Coverage	0.5 – 18 GHz	
IF Frequency (ELINT)	IF Centre Frequencies	1 GHz, 160 MHz	
	IF Pre-D Bandwidths – 1 GHz IF	500, 250, 100, 50 & 25 MHz	
	IF Pre-D Bandwidths – 160 MHz IF	100, 50, 25 & 10 MHz	
Measure Frequency	Frequency Accuracy – ELINT	250 kHz (rms)	
	Frequency Accuracy – ESM	3 MHz (rms)	
Measured PRI	PRI Accuracy – ELINT	10 ns (rms)	
	PRI Accuracy – ESM	50 ns (rms)	
Measured PW	PW Accuracy – ELINT	10 ns (rms)	
	PW Accuracy – ESM	50 ns (rms)	
Sensitivity	ELINT (TSS, 500 MHz IBW)	-85 dBm	
	ESM	-55 dBm	
Dynamic Range	ELINT (500 MHz IBW)	85 dB	Total Switched
	ESM	70 dB	Total Switched
Bearing Accuracy (ELINT)	< 2 GHz	6 deg. (rms)	
	2 – 18 GHz	2 deg. (rms)	



making a difference

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