

RFe-IMU-700-6000, Immunity Kit

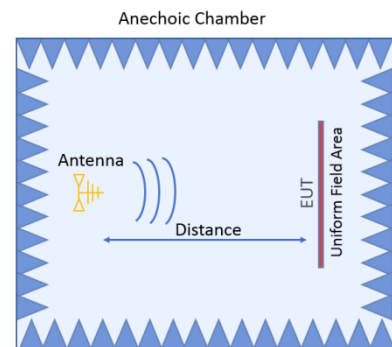
The RFeenable Aps, RFe-IMU-700-6000 is E-field kit consisting of RF amplifier, power coupler, cables, Horn antenna and antenna tripod for easy antenna mounting.

The RFe-IMU-700-6000 Kit together with an external signal generator, make it easy to generate homogeneous Uniform Field Area, UFA, with E-field strength of 18V/m (CW) or 10V/m(AM), 80% amplitude modulation for IEC61000-4-3, in a 1.5*1.5meter area. Frequency range 700MHz to 6000MHz.

E-field strength of 54V/m (CW) or 30V/m(AM), 80% amplitude modulation in UFA of 1.0*1.0meter in distance of 1.5meter. Frequency range 700MHz to 6000MHz.

E-field kit includes:

- RFeenable, RF High power amplifier
- Power coupler, external or internal in the RF amp
- RF cables
- Horn Antenna (700M-6GHz)
- Antenna Tripod



For use with existing RF signal generator in Anechoic Chamber.

E-field specification, 10.0V/m (AM), 3meter distance to UFA.

Specification, 18V/m (CW), 10.0V/m(AM)	Min	Typical	Max	Unit
Frequency	700		6000	MHz
External signal generator RF input level		0		dBm
Field Distance		3		meter
Uniform Field Area	1.5*1.5			meter
E-field (CW)	32	40		V/m
E-field (AM), 80% Amplitude modulation	18	22		V/m
E-Field, homogeneity, 1.5*1.5m, UFA		0 to +3		dB

E-field specification, 30V/m (AM), 1.5meter distance to UFA:

Specification, 54V/m (CW), 30.0V/m(AM)	Min	Typical	Max	Unit
Frequency	700		6000	MHz
External signal generator RF input level		0		dBm
Field Distance		1.5		meter
Uniform Field Area	1.0*1.0			meter
E-field (CW)	54	80		V/m
E-field (AM), 80% Amplitude modulation	30	45		V/m
E-Field, homogeneity, 1.0*1.0m, UFA		0 to +4		dB

Specification @ 25° C, 50ohm system, subject to change without further notice.