

### ART 5.10.3 Perform Electronic Protection Actions

Plan and implement active and passive means to protect personnel, facilities, and equipment from any effects of friendly or enemy employment of electronic warfare (EW) that may degrade, neutralize, or destroy friendly combat capability. Electronic protection includes the hardening of equipment and facilities from the effects of EW; emission control procedures and measures as outlined in ART 6.3.1.3 (Maintain Emission Security); and the efficient management of the electromagnetic spectrum as outlined in ART 5.3.6 (Conduct Electromagnetic Spectrum Management Operations). (JP 6-0) (USJFCOM JWFC)

NO.	Scale	Measure
01	Yes/No	EW mission spectrum requirements were de-conflicted with the unit spectrum manager.
02	Yes/No	All EW systems operated without interference.
03	Yes/No	EW system emission security compromises degraded, delayed, or modified unit operations.
04	Time	To evaluate EW-related frequency interference issues.
05	Time	To coordinate EW-related frequency interference issues.
06	Time	To resolve EW-related frequency interference issues.
07	Time	To identify improper maintenance of emission security.
08	Time	To respond to new threats through reprogramming of systems.
09	Time	To take appropriate measure against friendly or enemy EW system interference.
10	Percent	Of identified friendly vulnerabilities in the area of operations (AO) exploited by enemy actions.
11	Percent	Of friendly emitters in the AO exploited by enemy.
12	Percent	Of friendly operations conducted in a restrictive emission control environment.
13	Percent	Of emission control procedures that have improved from previous assessments
14	Percent	Of successful EW system reprogramming events.
15	Percent	Of friendly systems affected by friendly EW systems.
16	Percent	Of friendly systems affected by enemy EW systems.
17	Number	Of frequency interference issues.
18	Number	Of EW systems operating on assigned frequencies.

19	Number	Of EW systems detected by enemy sensors.
20	Number	Of emission security violations in the AO in a given time.
21	Number	Of instances when frequency allocation or frequency management fails to prevent signal fratricide.
22	Number	Of EW system reprogramming events.
23	Number	Of instances when EW system reprogramming is unsuccessful.
24	Number	Of friendly systems affected by friendly or enemy EW systems.

**Supporting Collective Tasks:**

<b>Task No.</b>	<b>Title</b>	<b>Proponent</b>	<b>Echelon</b>
71-9-5640	Conduct Electronic Warfare in the Joint Operations Area (Division Echelon and Above [Operational])	71 - Combined Arms (Collective)	Echelons Above Corps