

Appendix A – MET Technical Information

		Handheld - Small	Handheld - Smartphone	Handheld - Rugged	Asset Tracking	Portable	Semi-Fixed (Cobham Antenna)	Semi-Fixed (Hughes Antenna)	Vehicular - Large	Vehicular- Small	Maritime – Large	Maritime - Small
Antenna Model		Morelos Low Profile (RUT)	Morelos Stub (RUT)	Morelos Stub (RUT)	Morelos Stub (RUT)	Morelos Portable (RUT)	Morelos Semi-Fixed (RUT)	Morelos Semi-Fixed (RUT)	Morelos Vehicular Large (RUT)	Morelos Vehicular Small (RUT)	Morelos Maritime Large (RUT)	Morelos Maritime Small (RUT)
Antenna Manufacturer		Hughes	Maxtena	Maxtena	Maxtena	Scan Antenna A/S	Cobham Antenna systems	Hughes	Spacecom	Spacecom	Spacecom	Spacecom
Number of Units		5	5	5	5	5	5	5	5	5	5	5
Antenna transmit gain	- dBi @ 1626.5-1660.5 MHz	-0.36	1.5	1.5	1.5	11.8	17	13.2	11.98	10.75	11.98	10.6
Antenna receive gain	- dBi @ 1525.0 to 1559.0 MHz	-0.36	1.5	1.5	1.5	12	17	12.5	12.64	10.55	11.52	10.4
Terminal High Power Amplifier Power Output	- Watts	0.3	1.0	1.0	1.0	0.7	0.6	1.5	4.0	2.7	4.0	2.8
Terminal max EIRP	- dBW (W)	-5 (0.3)	1.5 (1.4)	1.5 (1.4)	1.5 (1.4)	10.2 (10.5)	15 (31.6)	15 (31.6)	18 (63.1)	15 (31.6)	18 (63.1)	15 (31.6)
Directional		No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Appendix A – MET Technical Information

[illegible]