

SAILOR 600/900 Viasat Ka spec

Specifications for SAILOR 600 and 900 Viasat Ka antenna systems

	SAILOR 600 Viasat Ka	SAILOR 900 Viasat Ka
Frequency band (GHz)	Ka-band: Rx: 17.7 to 21.2 GHz, Tx: 27.5 to 31.0 GHz	Ka-band: Rx: 17.7 to 21.2 GHz, Tx: 27.5 to 31.0 GHz
Reflector size	65 cm / 25.5"	103 cm / 40.6"
Transmit gain	43.0 dBi typ. @ 29.5 GHz (incl. radome)	47.1 dBi typ. @ 29.5 GHz (excl. radome)
Receive gain	39.8 dBi typ. @ 19.7 GHz (incl. radome)	43.8 dBi typ. @ 19.7 GHz (excl. radome)

Brief description:

Both SAILOR 600 and 900 Viasat Ka antennas features high-speed maritime broadband services on Viasat 2 and Eutelsat Ka-Sat satellite constellations.

Compliance

	Viasat mpTRIA Ka band transceiver, Model MAB2000-Axxx	SAILOR 600 & 900 Viasat Ka antenna systems
EMC, Part 15B, report number	FD190415E08 (date: 06 June, 2019) Applicant: Microelectronics Technology Inc., Taiwan Report issued by: Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch Hsin Chu Laboratory E-2, No.1, Li Hsin 1 st Road, Hsinchu Science Park, Hsinchu City 300, Taiwan R.O.C. FCC Registration Designation Number: 960022 / TW1058	1-6642/18-01-03 (date: 10 April, 2019) Applicant: Cobham SATCOM, Denmark. Report issued by: CTC advanced GmbH, Untertürkheimer Straße 6-10, 66117 Saarbrücken, Germany
RF, FCC Part 25.	Model MAB2000-Axxx complies to FCC Part 25 pursuant to the evaluation of the entire signal chain (i.e. space station, earth base station/hub and transceiver). Report/certificates are not currently available for Cobham SATCOM (pr 2 nd October 2019)	N/A