

SES-14-Customer Readiness Tests

Site Details

Contact Information:

George Varkey
Tel: 1 609 987 4327

Address:

4 Research Way
Princeton, NJ

Geographic Coordinates:

Various-CONUS, see below

Site Elevation:

Various

Antenna Details

Antenna ID: 1.2m
Manufacture/Model: Skyware Global
Antenna Size: 1.2 meters (operating within 47 CFR §25.209)
Antenna Gain Transmit: 43.3 dBi at 14.3 GHz
Antenna Gain Receive: 41.8 dBi at 12.0 GHz
Height Above Ground Level: Various
Height Above Sea Level: Various
Total Input Power at the Flange: 4 watts
Total EIRP for the test Carriers: 49.3 dBW

Operational Details

Frequency (GHz)	Transmit/Receive	Polarization	Emission Designator	Max EIRP per Carrier (dBW)	Max EIRP Density per Carrier (dBW/4kHz)
10.7-10.95	R	H and V	N0N	0.0	0.0
10.7-10.95	R	H and V	225MG7W	0.0	0.0
10.95-11.2	R	H and V	N0N	0.0	0.0
10.95-11.2	R	H and V	225MG7W	0.0	0.0
11.2-11.45	R	H and V	N0N	0.0	0.0
11.2-11.45	R	H and V	225MG7W	0.0	0.0
11.45-11.7	R	H and V	N0N	0.0	0.0
11.45-11.7	R	H and V	225MG7W	0.0	0.0
11.7-12.2	R	H and V	N0N	0.0	0.0
11.7-12.2	R	H and V	225MG7W	0.0	0.0
14.0-14.5	T	H and V	N0N	29.3	29.3
14.0-14.5	T	H and V	400KG7W	49.3	29.3
14.0-14.5	T	H and V	3M00G7W	49.3	20.55
14.0-14.5	T	H and V	6M00G7W	49.3	17.55
14.0-14.5	T	H and V	86M0G7W	49.3	5.97

VSAT network/ Site and Hub locations:

Site	Lat. (Deg. N.)	Long (Deg. W.)	Hub for Dry Run with NSS806 (Ku/Ku)(Hub/VSAT)	Hub for SES-14 Tests (Ku/Ku) (Hub/VSAT)
Rumford, Maine	44.633	-70.699	Woodbine (E170197)	Woodbine (E170197)
Juana Diaz, Puerto Rico	18.149	-65.788	PSL (E170198)	PSL(E170198)
Charleston, SC	32.787	-79.927	Woodbine (E170197)	Woodbine (E170197)
Port St. Lucie	27.28	-80.483	PSL (E170198)	PSL (170198)
Woodbine, MD	39.376	-77.081	Woodbine(E170197)	Woodbine (E170197)