

Coordinates of The Maximum Gain Point of The Gateway and User Beams

Beam Designation	Longitude (° E)	Latitude (°N)	Beam Designation	Longitude (° E)	Latitude (°N)
U1	264.4	45.4	U27	284.5	-11.8
U2	283.3	39.1	U28	293.0	-13.6
U3	260.9	37.6	U29	301.5	-14.7
U4	276.2	33.9	U30	311.4	-16.3
U5	255.3	30.9	U31	319.9	-17.0
U6	272.0	27.4	U32	295.5	-21.6
U7	283.3	24.6	U33	306.1	-23.0
U8	266.1	21.5	U34	315.5	-24.4
U9	277.9	18.8	U35	290.7	-31.8
U10	288.3	17.3	U36	300.3	-32.3
U11	296.5	15.1	U37	309.6	-31.5
U12	273.7	12.5	U38	292.8	-42.0
U13	283.5	10.2	U39	291.1	44.1
U14	292.7	8.9	U40	300.2	48.6
U15	301.1	7.7	U41	311.4	51.9
U16	287.4	2.5	U42	323.8	52.1
U17	296.0	1.3	U43	337.2	51.9
U18	304.2	0.2	U44	349.5	49.4
U19	312.2	-1.8	U45	358.3	43.9
U20	320.4	-2.6	GW1	283.7	39.8
U21	281.8	-3.7	GW2	315.5	-24.4
U22	290.7	-5.1	GW3	292.7	8.9
U23	299.1	-6.2	GW4	287.4	2.5
U24	307.2	-7.9	GW5	284.5	-11.8
U25	315.9	-9.3	GW6	300.3	-32.3
U26	324.3	-10.0			