

File Number: **DRAFT-SAT-LOA-20260621-00247**

Call Sign:

S1. Satellite Information

a. Space Station or Satellite Network Name	b. Orbit Type	c. Estimated Operational Lifetime of Space Station(s) From Date of Launch (yrs)	d. Will the space station(s) operate on a Common Carrier basis?	e. Application Description
Synchronicity	Non-Geostationary (NGSO)		No	CesiumAstro seeks launch, operational, and replenishment authority for its Synchronicity system.

S2. Operating Frequency Bands

a. Type of Service	b. If a. is Other, provide a service description	c. Satellite Frequency Band (MHz)	d. Satellite Frequency (Lower Band Edge) (MHz)	e. Satellite Frequency (Upper Band Edge) (MHz)	f. Direction of Transmission	g. Non Conforming Indicator
FSS		10700 - 11700	10700	11700	Space-to-Earth (Transmit)	No
FSS		11700 - 12200	11700	12200	Space-to-Earth (Transmit)	No
FSS		Other	14750	14800	Earth-to-Space (Receive)	No
FSS		12200 - 12700	12200	12700	Space-to-Earth (Transmit)	No
FSS		Other	14470	14500	Earth-to-Space (Receive)	No
FSS		18300 - 18600	18300	18600	Space-to-Earth (Transmit)	No
FSS		18800 - 19300	18800	19300	Space-to-Earth (Transmit)	No
FSS		12700 - 12750	12700	12750	Earth-to-Space (Receive)	No
FSS		12750 - 13250	12750	13250	Earth-to-Space (Receive)	No
FSS		17300 - 17700	17300	17700	Space-to-Earth (Transmit)	No
FSS		Other	17800	18142	Space-to-Earth (Transmit)	No
FSS		Other	18142	18300	Space-to-Earth (Transmit)	No
FSS		Other	37500	38000	Space-to-Earth (Transmit)	No
FSS		40000 - 40500	40000	40500	Space-to-Earth (Transmit)	No
FSS		41000 - 42000	41000	42000	Space-to-Earth (Transmit)	No
FSS		48200 - 50200	48200	50200	Earth-to-Space (Receive)	No
FSS		15430 - 15630	15430	15630	Earth-to-Space (Receive)	No
FSS		18600 - 18800	18600	18800	Space-to-Earth (Transmit)	Yes
FSS		50400 - 51400	50400	51400	Earth-to-Space (Receive)	No
FSS		Other	51400	52400	Earth-to-Space (Receive)	Yes
FSS		17700 - 17800	17700	17800	Space-to-Earth (Transmit)	No
FSS		19700 - 20200	19700	20200	Space-to-Earth (Transmit)	No
FSS		27500 - 28350	27500	28350	Earth-to-Space (Receive)	No
FSS		29500 - 30000	29500	30000	Earth-to-Space (Receive)	No
FSS		39500 - 40000	39500	40000	Space-to-Earth (Transmit)	No
FSS		47200 - 48200	47200	48200	Earth-to-Space (Receive)	No

FSS		13750 - 14000	13750	14000	Earth-to-Space (Receive)	No
FSS		14200 - 14470	14200	14470	Earth-to-Space (Receive)	No
FSS		28350 - 29100	28350	29100	Earth-to-Space (Receive)	No
FSS		Other	38000	39500	Space-to-Earth (Transmit)	No
FSS		40500 - 41000	40500	41000	Space-to-Earth (Transmit)	No
FSS		19300 - 19700	19300	19700	Space-to-Earth (Transmit)	Yes
FSS		29100 -29250	29100	29250	Earth-to-Space (Receive)	Yes
FSS		29250 - 29500	29250	29500	Earth-to-Space (Receive)	Yes
FSS		42000 - 42500	42000	42500	Space-to-Earth (Transmit)	Yes
FSS		Other	24750	25750	Earth-to-Space (Receive)	No
FSS		14000 - 14200	14000	14200	Earth-to-Space (Receive)	No
FSS		Other	14500	14750	Earth-to-Space (Receive)	No

S3. NGSO Orbital Information

a. Total Number of Simultaneously Operating Satellites in Constellation	b. Total Number of Satellites Deployed During the License Term	c. Orbit Epoch Date	d. Celestial Reference Body	e. If d. is "Other", provide the name of celestial body being referenced	f. Total Number of Orbital Planes
737	2,211	2028-07-06	Earth		58

g. Orbital Plane Information

(i) Orbital Plane No.	(ii) Number of Satellites in Plane	(iii) Inclination Angle (°)	(iv) Inclination Angle Tolerance (+/- °)	(v) Orbital Period (seconds)	(vi) Apogee (km)	(vii) Apogee Tolerance (+/- km)	(viii) Perigee (km)	(ix) Perigee Tolerance (+/- km)	(x) Argument of Perigee (°)	(xi) Right Ascension of Ascending Node (°)	(xii) Right Ascension of Ascending Node Tolerance (+/- °)	(xiii) Active Service Arc Begin Angle with Respect to Ascending Node (°)	(xiv) Active Service Arc End Angle with Respect to Ascending Node (°)	(xv) Is additional info on the active service arc provided in the application?	(xvi) Satellite Spacing	(xvii) Phase Angle Spacing (°)	(xviii) First Satellite Initial Phase Angle (°)	(xix) Maximum Orbital Eccentricity
1	11	100.3	2	6,565	1,200	30	1,200	30	0	0	360	0	360	No	Evenly-Spaced	33	0	0.004
2	11	100.3	2	6,565	1,200	30	1,200	30	0	37.3	360	0	360	No	Evenly-Spaced	33	22.2	0.004
3	11	100.3	2	6,565	1,200	30	1,200	30	0	74.6	360	0	360	No	Evenly-Spaced	33	44.4	0.004
4	11	100.3	2	6,565	1,200	30	1,200	30	0	111.9	360	0	360	No	Evenly-Spaced	33	66.6	0.004
5	11	100.3	2	6,565	1,200	30	1,200	30	0	149.2	360	0	360	No	Evenly-Spaced	33	88.8	0.004
6	2	100.3	2	6,565	1,200	30	1,200	30	0	0	360	0	360	No	Evenly-Spaced	196	16.35	0.004
7	2	100.3	2	6,565	1,200	30	1,200	30	0	37.3	360	0	360	No	Evenly-Spaced	196	38.55	0.004

8	2	100.3	2	6,565	1,200	30	1,200	30	0	74.6	360	0	360	No	Evenly-Spaced	196	105.15	0.004
9	2	100.3	2	6,565	1,200	30	1,200	30	0	111.9	360	0	360	No	Evenly-Spaced	196	82.95	0.004
10	2	100.3	2	6,565	1,200	30	1,200	30	0	149.2	360	0	360	No	Evenly-Spaced	196	60.75	0.004
11	27	67	2	6,436	1,100	30	1,100	30	0	0	360	0	360	No	Evenly-Spaced	13	0	0.004
12	27	67	2	6,436	1,100	30	1,100	30	0	15	360	0	360	No	Evenly-Spaced	13	14.8	0.004
13	27	67	2	6,436	1,100	30	1,100	30	0	30	360	0	360	No	Evenly-Spaced	13	29.6	0.004
14	27	67	2	6,436	1,100	30	1,100	30	0	45	360	0	360	No	Evenly-Spaced	13	44.4	0.004
15	27	67	2	6,436	1,100	30	1,100	30	0	60	360	0	360	No	Evenly-Spaced	13	59.2	0.004
16	27	67	2	6,436	1,100	30	1,100	30	0	75	360	0	360	No	Evenly-Spaced	13	74	0.004
17	27	67	2	6,436	1,100	30	1,100	30	0	90	360	0	360	No	Evenly-Spaced	13	88.8	0.004
18	27	67	2	6,436	1,100	30	1,100	30	0	105	360	0	360	No	Evenly-Spaced	13	103.6	0.004
19	27	67	2	6,436	1,100	30	1,100	30	0	120	360	0	360	No	Evenly-Spaced	13	118.4	0.004
20	27	67	2	6,436	1,100	30	1,100	30	0	135	360	0	360	No	Evenly-Spaced	13	133.2	0.004
21	27	67	2	6,436	1,100	30	1,100	30	0	150	360	0	360	No	Evenly-Spaced	13	148	0.004
22	27	67	2	6,436	1,100	30	1,100	30	0	165	360	0	360	No	Evenly-Spaced	13	162.8	0.004
23	27	67	2	6,436	1,100	30	1,100	30	0	180	360	0	360	No	Evenly-Spaced	13	177.6	0.004
24	27	67	2	6,436	1,100	30	1,100	30	0	195	360	0	360	No	Evenly-Spaced	13	192.4	0.004
25	27	67	2	6,436	1,100	30	1,100	30	0	210	360	0	360	No	Evenly-Spaced	13	207.2	0.004
26	27	67	2	6,436	1,100	30	1,100	30	0	225	360	0	360	No	Evenly-Spaced	13	222	0.004
27	27	67	2	6,436	1,100	30	1,100	30	0	240	360	0	360	No	Evenly-Spaced	13	236.8	0.004
28	27	67	2	6,436	1,100	30	1,100	30	0	255	360	0	360	No	Evenly-Spaced	13	251.6	0.004
29	27	67	2	6,436	1,100	30	1,100	30	0	270	360	0	360	No	Evenly-Spaced	13	266.4	0.004
30	27	67	2	6,436	1,100	30	1,100	30	0	285	360	0	360	No	Evenly-Spaced	13	281.2	0.004
31	27	67	2	6,436	1,100	30	1,100	30	0	300	360	0	360	No	Evenly-Spaced	13	296	0.004

32	27	67	2	6,436	1,100	30	1,100	30	0	315	360	0	360	No	Evenly-Spaced	13	310.8	0.004
33	27	67	2	6,436	1,100	30	1,100	30	0	330	360	0	360	No	Evenly-Spaced	13	325.6	0.004
34	27	67	2	6,436	1,100	30	1,100	30	0	345	360	0	360	No	Evenly-Spaced	13	340.4	0.004
35	1	67	2	6,436	1,100	30	1,100	30	0	0	360	0	360	No	Evenly-Spaced	360	6.67	0.004
36	1	67	2	6,436	1,100	30	1,100	30	0	15	360	0	360	No	Evenly-Spaced	360	21.47	0.004
37	1	67	2	6,436	1,100	30	1,100	30	0	30	360	0	360	No	Evenly-Spaced	360	36.27	0.004
38	1	67	2	6,436	1,100	30	1,100	30	0	45	360	0	360	No	Evenly-Spaced	360	51.07	0.004
39	1	67	2	6,436	1,100	30	1,100	30	0	60	360	0	360	No	Evenly-Spaced	360	65.87	0.004
40	1	67	2	6,436	1,100	30	1,100	30	0	75	360	0	360	No	Evenly-Spaced	360	80.67	0.004
41	1	67	2	6,436	1,100	30	1,100	30	0	90	360	0	360	No	Evenly-Spaced	360	95.47	0.004
42	1	67	2	6,436	1,100	30	1,100	30	0	105	360	0	360	No	Evenly-Spaced	360	110.27	0.004
43	1	67	2	6,436	1,100	30	1,100	30	0	120	360	0	360	No	Evenly-Spaced	360	125.07	0.004
44	1	67	2	6,436	1,100	30	1,100	30	0	135	360	0	360	No	Evenly-Spaced	360	139.87	0.004
45	1	67	2	6,436	1,100	30	1,100	30	0	150	360	0	360	No	Evenly-Spaced	360	154.67	0.004
46	1	67	2	6,436	1,100	30	1,100	30	0	165	360	0	360	No	Evenly-Spaced	360	169.47	0.004
47	1	67	2	6,436	1,100	30	1,100	30	0	180	360	0	360	No	Evenly-Spaced	360	184.27	0.004
48	1	67	2	6,436	1,100	30	1,100	30	0	195	360	0	360	No	Evenly-Spaced	360	199.07	0.004
49	1	67	2	6,436	1,100	30	1,100	30	0	210	360	0	360	No	Evenly-Spaced	360	213.87	0.004
50	1	67	2	6,436	1,100	30	1,100	30	0	225	360	0	360	No	Evenly-Spaced	360	228.67	0.004
51	1	67	2	6,436	1,100	30	1,100	30	0	240	360	0	360	No	Evenly-Spaced	360	243.47	0.004
52	1	67	2	6,436	1,100	30	1,100	30	0	255	360	0	360	No	Evenly-Spaced	360	258.27	0.004
53	1	67	2	6,436	1,100	30	1,100	30	0	270	360	0	360	No	Evenly-Spaced	360	273.07	0.004
54	1	67	2	6,436	1,100	30	1,100	30	0	285	360	0	360	No	Evenly-Spaced	360	287.87	0.004
55	1	67	2	6,436	1,100	30	1,100	30	0	300	360	0	360	No	Evenly-Spaced	360	302.67	0.004

56	1	67	2	6,436	1,100	30	1,100	30	0	315	360	0	360	No	Evenly-Spaced	360	317.47	0.004
57	1	67	2	6,436	1,100	30	1,100	30	0	330	360	0	360	No	Evenly-Spaced	360	332.27	0.004
58	1	67	2	6,436	1,100	30	1,100	30	0	345	360	0	360	No	Evenly-Spaced	360	347.07	0.004

h. Initial Phase Angle Information

(i) Orbital Plane No.	(i) Satellite No.	(ii) Initial Phase Angle (°)
1	1	0
1	2	33
1	3	66
1	4	99
1	5	132
1	6	165
1	7	198
1	8	231
1	9	264
1	10	297
1	11	330
2	1	22.2
2	2	55.2
2	3	88.2
2	4	121.2
2	5	154.2
2	6	187.2
2	7	220.2
2	8	253.2
2	9	286.2
2	10	319.2
2	11	352.2
3	1	44.4
3	2	77.4
3	3	110.4
3	4	143.4
3	5	176.4
3	6	209.4
3	7	242.4
3	8	275.4
3	9	308.4
3	10	341.4

3	11	14.4
4	1	66.6
4	2	99.6
4	3	132.6
4	4	165.6
4	5	198.6
4	6	231.6
4	7	264.6
4	8	297.6
4	9	330.6
4	10	3.6
4	11	36.6
5	1	88.8
5	2	121.8
5	3	154.8
5	4	187.8
5	5	220.8
5	6	253.8
5	7	286.8
5	8	319.8
5	9	352.8
5	10	25.8
5	11	58.8
6	1	16.35
6	2	212.35
7	1	38.55
7	2	234.55
8	1	105.15
8	2	301.15
9	1	82.95
9	2	278.95
10	1	60.75
10	2	256.75
11	1	0
11	2	13
11	3	26
11	4	39
11	5	52
11	6	65
11	7	78
11	8	91
11	9	104

11	10	117
11	11	130
11	12	143
11	13	156
11	14	169
11	15	182
11	16	195
11	17	208
11	18	221
11	19	234
11	20	247
11	21	260
11	22	273
11	23	286
11	24	299
11	25	312
11	26	325
11	27	338
12	1	14.8
12	2	27.8
12	3	40.8
12	4	53.8
12	5	66.8
12	6	79.8
12	7	92.8
12	8	105.8
12	9	118.8
12	10	131.8
12	11	144.8
12	12	157.8
12	13	170.8
12	14	183.8
12	15	196.8
12	16	209.8
12	17	222.8
12	18	235.8
12	19	248.8
12	20	261.8
12	21	274.8
12	22	287.8
12	23	300.8
12	24	313.8

12	25	326.8
12	26	339.8
12	27	352.8
13	1	29.6
13	2	42.6
13	3	55.6
13	4	68.6
13	5	81.6
13	6	94.6
13	7	107.6
13	8	120.6
13	9	133.6
13	10	146.6
13	11	159.6
13	12	172.6
13	13	185.6
13	14	198.6
13	15	211.6
13	16	224.6
13	17	237.6
13	18	250.6
13	19	263.6
13	20	276.6
13	21	289.6
13	22	302.6
13	23	315.6
13	24	328.6
13	25	341.6
13	26	354.6
13	27	7.6
14	1	44.4
14	2	57.4
14	3	70.4
14	4	83.4
14	5	96.4
14	6	109.4
14	7	122.4
14	8	135.4
14	9	148.4
14	10	161.4
14	11	174.4
14	12	187.4

14	13	200.4
14	14	213.4
14	15	226.4
14	16	239.4
14	17	252.4
14	18	265.4
14	19	278.4
14	20	291.4
14	21	304.4
14	22	317.4
14	23	330.4
14	24	343.4
14	25	356.4
14	26	9.4
14	27	22.4
15	1	59.2
15	2	72.2
15	3	85.2
15	4	98.2
15	5	111.2
15	6	124.2
15	7	137.2
15	8	150.2
15	9	163.2
15	10	176.2
15	11	189.2
15	12	202.2
15	13	215.2
15	14	228.2
15	15	241.2
15	16	254.2
15	17	267.2
15	18	280.2
15	19	293.2
15	20	306.2
15	21	319.2
15	22	332.2
15	23	345.2
15	24	358.2
15	25	11.2
15	26	24.2
15	27	37.2

16	1	74
16	2	87
16	3	100
16	4	113
16	5	126
16	6	139
16	7	152
16	8	165
16	9	178
16	10	191
16	11	204
16	12	217
16	13	230
16	14	243
16	15	256
16	16	269
16	17	282
16	18	295
16	19	308
16	20	321
16	21	334
16	22	347
16	23	360
16	24	13
16	25	26
16	26	39
16	27	52
17	1	88.8
17	2	101.8
17	3	114.8
17	4	127.8
17	5	140.8
17	6	153.8
17	7	166.8
17	8	179.8
17	9	192.8
17	10	205.8
17	11	218.8
17	12	231.8
17	13	244.8
17	14	257.8
17	15	270.8

17	16	283.8
17	17	296.8
17	18	309.8
17	19	322.8
17	20	335.8
17	21	348.8
17	22	1.8
17	23	14.8
17	24	27.8
17	25	40.8
17	26	53.8
17	27	66.8
18	1	103.6
18	2	116.6
18	3	129.6
18	4	142.6
18	5	155.6
18	6	168.6
18	7	181.6
18	8	194.6
18	9	207.6
18	10	220.6
18	11	233.6
18	12	246.6
18	13	259.6
18	14	272.6
18	15	285.6
18	16	298.6
18	17	311.6
18	18	324.6
18	19	337.6
18	20	350.6
18	21	3.6
18	22	16.6
18	23	29.6
18	24	42.6
18	25	55.6
18	26	68.6
18	27	81.6
19	1	118.4
19	2	131.4
19	3	144.4

19	4	157.4
19	5	170.4
19	6	183.4
19	7	196.4
19	8	209.4
19	9	222.4
19	10	235.4
19	11	248.4
19	12	261.4
19	13	274.4
19	14	287.4
19	15	300.4
19	16	313.4
19	17	326.4
19	18	339.4
19	19	352.4
19	20	5.4
19	21	18.4
19	22	31.4
19	23	44.4
19	24	57.4
19	25	70.4
19	26	83.4
19	27	96.4
20	1	133.2
20	2	146.2
20	3	159.2
20	4	172.2
20	5	185.2
20	6	198.2
20	7	211.2
20	8	224.2
20	9	237.2
20	10	250.2
20	11	263.2
20	12	276.2
20	13	289.2
20	14	302.2
20	15	315.2
20	16	328.2
20	17	341.2
20	18	354.2

20	19	7.2
20	20	20.2
20	21	33.2
20	22	46.2
20	23	59.2
20	24	72.2
20	25	85.2
20	26	98.2
20	27	111.2
21	1	148
21	2	161
21	3	174
21	4	187
21	5	200
21	6	213
21	7	226
21	8	239
21	9	252
21	10	265
21	11	278
21	12	291
21	13	304
21	14	317
21	15	330
21	16	343
21	17	356
21	18	9
21	19	22
21	20	35
21	21	48
21	22	61
21	23	74
21	24	87
21	25	100
21	26	113
21	27	126
22	1	162.8
22	2	175.8
22	3	188.8
22	4	201.8
22	5	214.8
22	6	227.8

22	7	240.8
22	8	253.8
22	9	266.8
22	10	279.8
22	11	292.8
22	12	305.8
22	13	318.8
22	14	331.8
22	15	344.8
22	16	357.8
22	17	10.8
22	18	23.8
22	19	36.8
22	20	49.8
22	21	62.8
22	22	75.8
22	23	88.8
22	24	101.8
22	25	114.8
22	26	127.8
22	27	140.8
23	1	177.6
23	2	190.6
23	3	203.6
23	4	216.6
23	5	229.6
23	6	242.6
23	7	255.6
23	8	268.6
23	9	281.6
23	10	294.6
23	11	307.6
23	12	320.6
23	13	333.6
23	14	346.6
23	15	359.6
23	16	12.6
23	17	25.6
23	18	38.6
23	19	51.6
23	20	64.6
23	21	77.6

23	22	90.6
23	23	103.6
23	24	116.6
23	25	129.6
23	26	142.6
23	27	155.6
24	1	192.4
24	2	205.4
24	3	218.4
24	4	231.4
24	5	244.4
24	6	257.4
24	7	270.4
24	8	283.4
24	9	296.4
24	10	309.4
24	11	322.4
24	12	335.4
24	13	348.4
24	14	1.4
24	15	14.4
24	16	27.4
24	17	40.4
24	18	53.4
24	19	66.4
24	20	79.4
24	21	92.4
24	22	105.4
24	23	118.4
24	24	131.4
24	25	144.4
24	26	157.4
24	27	170.4
25	1	207.2
25	2	220.2
25	3	233.2
25	4	246.2
25	5	259.2
25	6	272.2
25	7	285.2
25	8	298.2
25	9	311.2

25	10	324.2
25	11	337.2
25	12	350.2
25	13	3.2
25	14	16.2
25	15	29.2
25	16	42.2
25	17	55.2
25	18	68.2
25	19	81.2
25	20	94.2
25	21	107.2
25	22	120.2
25	23	133.2
25	24	146.2
25	25	159.2
25	26	172.2
25	27	185.2
26	1	222
26	2	235
26	3	248
26	4	261
26	5	274
26	6	287
26	7	300
26	8	313
26	9	326
26	10	339
26	11	352
26	12	5
26	13	18
26	14	31
26	15	44
26	16	57
26	17	70
26	18	83
26	19	96
26	20	109
26	21	122
26	22	135
26	23	148
26	24	161

26	25	174
26	26	187
26	27	200
27	1	236.8
27	2	249.8
27	3	262.8
27	4	275.8
27	5	288.8
27	6	301.8
27	7	314.8
27	8	327.8
27	9	340.8
27	10	353.8
27	11	6.8
27	12	19.8
27	13	32.8
27	14	45.8
27	15	58.8
27	16	71.8
27	17	84.8
27	18	97.8
27	19	110.8
27	20	123.8
27	21	136.8
27	22	149.8
27	23	162.8
27	24	175.8
27	25	188.8
27	26	201.8
27	27	214.8
28	1	251.6
28	2	264.6
28	3	277.6
28	4	290.6
28	5	303.6
28	6	316.6
28	7	329.6
28	8	342.6
28	9	355.6
28	10	8.6
28	11	21.6
28	12	34.6

28	13	47.6
28	14	60.6
28	15	73.6
28	16	86.6
28	17	99.6
28	18	112.6
28	19	125.6
28	20	138.6
28	21	151.6
28	22	164.6
28	23	177.6
28	24	190.6
28	25	203.6
28	26	216.6
28	27	229.6
29	1	266.4
29	2	279.4
29	3	292.4
29	4	305.4
29	5	318.4
29	6	331.4
29	7	344.4
29	8	357.4
29	9	10.4
29	10	23.4
29	11	36.4
29	12	49.4
29	13	62.4
29	14	75.4
29	15	88.4
29	16	101.4
29	17	114.4
29	18	127.4
29	19	140.4
29	20	153.4
29	21	166.4
29	22	179.4
29	23	192.4
29	24	205.4
29	25	218.4
29	26	231.4
29	27	244.4

30	1	281.2
30	2	294.2
30	3	307.2
30	4	320.2
30	5	333.2
30	6	346.2
30	7	359.2
30	8	12.2
30	9	25.2
30	10	38.2
30	11	51.2
30	12	64.2
30	13	77.2
30	14	90.2
30	15	103.2
30	16	116.2
30	17	129.2
30	18	142.2
30	19	155.2
30	20	168.2
30	21	181.2
30	22	194.2
30	23	207.2
30	24	220.2
30	25	233.2
30	26	246.2
30	27	259.2
31	1	296
31	2	309
31	3	322
31	4	335
31	5	348
31	6	1
31	7	14
31	8	27
31	9	40
31	10	53
31	11	66
31	12	79
31	13	92
31	14	105
31	15	118

31	16	131
31	17	144
31	18	157
31	19	170
31	20	183
31	21	196
31	22	209
31	23	222
31	24	235
31	25	248
31	26	261
31	27	274
32	1	310.8
32	2	323.8
32	3	336.8
32	4	349.8
32	5	2.8
32	6	15.8
32	7	28.8
32	8	41.8
32	9	54.8
32	10	67.8
32	11	80.8
32	12	93.8
32	13	106.8
32	14	119.8
32	15	132.8
32	16	145.8
32	17	158.8
32	18	171.8
32	19	184.8
32	20	197.8
32	21	210.8
32	22	223.8
32	23	236.8
32	24	249.8
32	25	262.8
32	26	275.8
32	27	288.8
33	1	325.6
33	2	338.6
33	3	351.6

33	4	4.6
33	5	17.6
33	6	30.6
33	7	43.6
33	8	56.6
33	9	69.6
33	10	82.6
33	11	95.6
33	12	108.6
33	13	121.6
33	14	134.6
33	15	147.6
33	16	160.6
33	17	173.6
33	18	186.6
33	19	199.6
33	20	212.6
33	21	225.6
33	22	238.6
33	23	251.6
33	24	264.6
33	25	277.6
33	26	290.6
33	27	303.6
34	1	340.4
34	2	353.4
34	3	6.4
34	4	19.4
34	5	32.4
34	6	45.4
34	7	58.4
34	8	71.4
34	9	84.4
34	10	97.4
34	11	110.4
34	12	123.4
34	13	136.4
34	14	149.4
34	15	162.4
34	16	175.4
34	17	188.4
34	18	201.4

34	19	214.4
34	20	227.4
34	21	240.4
34	22	253.4
34	23	266.4
34	24	279.4
34	25	292.4
34	26	305.4
34	27	318.4
35	1	6.67
36	1	21.47
37	1	36.27
38	1	51.07
39	1	65.87
40	1	80.67
41	1	95.47
42	1	110.27
43	1	125.07
44	1	139.87
45	1	154.67
46	1	169.47
47	1	184.27
48	1	199.07
49	1	213.87
50	1	228.67
51	1	243.47
52	1	258.27
53	1	273.07
54	1	287.87
55	1	302.67
56	1	317.47
57	1	332.27
58	1	347.07

S4. Earth-to-Space (Receive) Beams

a. Beam ID:	RX1A	n. Beam Peak Flux Density at Command Threshold (dBW/m ²):	
b. Beam Frequency (Lower Band Edge) (MHz):	12700	o. Peak Isotropic Antenna Gain (dBi):	5
c. Beam Frequency (Upper Band Edge) (MHz):	12750	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	

f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	-22.6	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	-25.6		
l. Maximum Saturation Flux Density (dBW/m²):			
m. Minimum Saturation Flux Density (dBW/m²):			

a. Beam ID:	RX1B	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	12700	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	12750	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	5	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	2		
l. Maximum Saturation Flux Density (dBW/m²):			
m. Minimum Saturation Flux Density (dBW/m²):			

a. Beam ID:	RX2	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	12750	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	13250	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	5	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	2		
l. Maximum Saturation Flux Density (dBW/m²):			
m. Minimum Saturation Flux Density (dBW/m²):			

a. Beam ID:	RX71	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	14500	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	14750	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	

h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:
j. Maximum G/T (dB/K):	8	w. What information will be provided with the predicted antenna gain contours?:
k. Minimum G/T (dB/K):	5	
l. Maximum Saturation Flux Density (dBW/m²):		
m. Minimum Saturation Flux Density (dBW/m²):		

a. Beam ID:	RX72	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	14500	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	14750	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	8	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	5		
l. Maximum Saturation Flux Density (dBW/m²):			
m. Minimum Saturation Flux Density (dBW/m²):			

a. Beam ID:	RX3	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	13750	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	14000	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	5	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	2		
l. Maximum Saturation Flux Density (dBW/m²):			
m. Minimum Saturation Flux Density (dBW/m²):			

a. Beam ID:	RX4	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	14000	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	14200	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	

j. Maximum G/T (dB/K):	5	w. What information will be provided with the predicted antenna gain contours?:
k. Minimum G/T (dB/K):	2	
l. Maximum Saturation Flux Density (dBW/m²):		
m. Minimum Saturation Flux Density (dBW/m²):		

a. Beam ID:	RX7	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	27500	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	28350	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	5	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	2		
l. Maximum Saturation Flux Density (dBW/m²):			
m. Minimum Saturation Flux Density (dBW/m²):			

a. Beam ID:	RX8	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	28350	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	29100	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	5	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	2		
l. Maximum Saturation Flux Density (dBW/m²):			
m. Minimum Saturation Flux Density (dBW/m²):			

a. Beam ID:	RX11	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	29500	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	29950	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	5	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	2		

l. Maximum Saturation Flux Density (dBW/m²):
m. Minimum Saturation Flux Density (dBW/m²):

a. Beam ID: **RX13**
b. Beam Frequency (Lower Band Edge) (MHz): **47200**
c. Beam Frequency (Upper Band Edge) (MHz): **48200**
d. Polarization: **RHCP**
e. Can the space station vary the channel bandwidth with on-board processing?: **Yes**
f. Is this a command beam? (Check box if Yes): **No**
g. Is the beam shapeable? (Check box if Yes): **Yes**
h. Is the beam steerable? (Check box if Yes): **Yes**
i. Is the beam fed into transponders? (Check box if Yes): **No**
j. Maximum G/T (dB/K): **5**
k. Minimum G/T (dB/K): **2**
l. Maximum Saturation Flux Density (dBW/m²):
m. Minimum Saturation Flux Density (dBW/m²):

n. Beam Peak Flux Density at Command Threshold (dBW/m²):
o. Peak Isotropic Antenna Gain (dBi): **32.6**
p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):
q. Antenna Pointing Error (°): **0.5**
r. Antenna Rotational Error (°):
s. Will a GIMS container file containing all antenna contour data be provided?:
t. Under what rules will the associated antenna contours be submitted?:
u. Provide a list of each orbital plane in which this antenna beam is used.:
v. Are all space stations in the NGSO constellation identical?:
w. What information will be provided with the predicted antenna gain contours?:

a. Beam ID: **RX14**
b. Beam Frequency (Lower Band Edge) (MHz): **48200**
c. Beam Frequency (Upper Band Edge) (MHz): **50200**
d. Polarization: **RHCP**
e. Can the space station vary the channel bandwidth with on-board processing?: **Yes**
f. Is this a command beam? (Check box if Yes): **No**
g. Is the beam shapeable? (Check box if Yes): **Yes**
h. Is the beam steerable? (Check box if Yes): **Yes**
i. Is the beam fed into transponders? (Check box if Yes): **No**
j. Maximum G/T (dB/K): **5**
k. Minimum G/T (dB/K): **2**
l. Maximum Saturation Flux Density (dBW/m²):
m. Minimum Saturation Flux Density (dBW/m²):

n. Beam Peak Flux Density at Command Threshold (dBW/m²):
o. Peak Isotropic Antenna Gain (dBi): **32.6**
p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):
q. Antenna Pointing Error (°): **0.5**
r. Antenna Rotational Error (°):
s. Will a GIMS container file containing all antenna contour data be provided?:
t. Under what rules will the associated antenna contours be submitted?:
u. Provide a list of each orbital plane in which this antenna beam is used.:
v. Are all space stations in the NGSO constellation identical?:
w. What information will be provided with the predicted antenna gain contours?:

a. Beam ID: **RX5**
b. Beam Frequency (Lower Band Edge) (MHz): **14200**
c. Beam Frequency (Upper Band Edge) (MHz): **14470**
d. Polarization: **RHCP**
e. Can the space station vary the channel bandwidth with on-board processing?: **Yes**
f. Is this a command beam? (Check box if Yes): **No**
g. Is the beam shapeable? (Check box if Yes): **Yes**
h. Is the beam steerable? (Check box if Yes): **Yes**
i. Is the beam fed into transponders? (Check box if Yes): **No**
j. Maximum G/T (dB/K): **5**
k. Minimum G/T (dB/K): **2**
l. Maximum Saturation Flux Density (dBW/m²):
m. Minimum Saturation Flux Density (dBW/m²):

n. Beam Peak Flux Density at Command Threshold (dBW/m²):
o. Peak Isotropic Antenna Gain (dBi): **32.6**
p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):
q. Antenna Pointing Error (°): **0.5**
r. Antenna Rotational Error (°):
s. Will a GIMS container file containing all antenna contour data be provided?:
t. Under what rules will the associated antenna contours be submitted?:
u. Provide a list of each orbital plane in which this antenna beam is used.:
v. Are all space stations in the NGSO constellation identical?:
w. What information will be provided with the predicted antenna gain contours?:

a. Beam ID:	RX6	n. Beam Peak Flux Density at Command Threshold (dBW/m ²):	
b. Beam Frequency (Lower Band Edge) (MHz):	14470	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	14500	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	5	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	2		
l. Maximum Saturation Flux Density (dBW/m ²):			
m. Minimum Saturation Flux Density (dBW/m ²):			

a. Beam ID:	RX9	n. Beam Peak Flux Density at Command Threshold (dBW/m ²):	
b. Beam Frequency (Lower Band Edge) (MHz):	29100	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	29250	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	5	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	2		
l. Maximum Saturation Flux Density (dBW/m ²):			
m. Minimum Saturation Flux Density (dBW/m ²):			

a. Beam ID:	RX10	n. Beam Peak Flux Density at Command Threshold (dBW/m ²):	
b. Beam Frequency (Lower Band Edge) (MHz):	29250	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	29500	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	5	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	2		
l. Maximum Saturation Flux Density (dBW/m ²):			
m. Minimum Saturation Flux Density (dBW/m ²):			

a. Beam ID:	RX15	n. Beam Peak Flux Density at Command Threshold (dBW/m ²):	
b. Beam Frequency (Lower Band Edge) (MHz):	50400	o. Peak Isotropic Antenna Gain (dBi):	32.6

c. Beam Frequency (Upper Band Edge) (MHz):	51400	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	5	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	2		
l. Maximum Saturation Flux Density (dBW/m²):			
m. Minimum Saturation Flux Density (dBW/m²):			

a. Beam ID:	RX16	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	12700	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	12750	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	5	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	2		
l. Maximum Saturation Flux Density (dBW/m²):			
m. Minimum Saturation Flux Density (dBW/m²):			

a. Beam ID:	RX17	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	12750	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	13250	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	5	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	2		
l. Maximum Saturation Flux Density (dBW/m²):			
m. Minimum Saturation Flux Density (dBW/m²):			

a. Beam ID:	RX18	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	13750	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	14000	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5

e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	5	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	2		
l. Maximum Saturation Flux Density (dBW/m²):			
m. Minimum Saturation Flux Density (dBW/m²):			

a. Beam ID:	RX19	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	14000	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	14200	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	5	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	2		
l. Maximum Saturation Flux Density (dBW/m²):			
m. Minimum Saturation Flux Density (dBW/m²):			

a. Beam ID:	RX20	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	14200	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	14470	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	5	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	2		
l. Maximum Saturation Flux Density (dBW/m²):			
m. Minimum Saturation Flux Density (dBW/m²):			

a. Beam ID:	RX21	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	14470	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	14500	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	

g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	5	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	2		
l. Maximum Saturation Flux Density (dBW/m²):			
m. Minimum Saturation Flux Density (dBW/m²):			

a. Beam ID:	RX22	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	27500	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	28350	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	5	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	2		
l. Maximum Saturation Flux Density (dBW/m²):			
m. Minimum Saturation Flux Density (dBW/m²):			

a. Beam ID:	RX23	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	28350	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	29100	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	5	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	2		
l. Maximum Saturation Flux Density (dBW/m²):			
m. Minimum Saturation Flux Density (dBW/m²):			

a. Beam ID:	RX24	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	29100	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	29250	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	

i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	5	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	2		
l. Maximum Saturation Flux Density (dBW/m²):			
m. Minimum Saturation Flux Density (dBW/m²):			

a. Beam ID:	RX25	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	29250	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	29500	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	5	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	2		
l. Maximum Saturation Flux Density (dBW/m²):			
m. Minimum Saturation Flux Density (dBW/m²):			

a. Beam ID:	RX26	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	29500	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	29950	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	5	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	2		
l. Maximum Saturation Flux Density (dBW/m²):			
m. Minimum Saturation Flux Density (dBW/m²):			

a. Beam ID:	RX28	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	47200	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	48200	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	5	w. What information will be provided with the predicted antenna gain contours?:	

k. Minimum G/T (dB/K):	2		
l. Maximum Saturation Flux Density (dBW/m²):			
m. Minimum Saturation Flux Density (dBW/m²):			

a. Beam ID:	RX29	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	48200	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	50200	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	5	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	2		
l. Maximum Saturation Flux Density (dBW/m²):			
m. Minimum Saturation Flux Density (dBW/m²):			

a. Beam ID:	RX30	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	50400	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	51400	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	5	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	2		
l. Maximum Saturation Flux Density (dBW/m²):			
m. Minimum Saturation Flux Density (dBW/m²):			

a. Beam ID:	RX31	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	12700	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	12750	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	8	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	5		
l. Maximum Saturation Flux Density (dBW/m²):			

m. Minimum Saturation Flux Density (dBW/m²):

a. Beam ID: **RX32**
 b. Beam Frequency (Lower Band Edge) (MHz): **12750**
 c. Beam Frequency (Upper Band Edge) (MHz): **13250**
 d. Polarization: **RHCP**
 e. Can the space station vary the channel bandwidth with on-board processing?: **Yes**
 f. Is this a command beam? (Check box if Yes): **No**
 g. Is the beam shapeable? (Check box if Yes): **Yes**
 h. Is the beam steerable? (Check box if Yes): **Yes**
 i. Is the beam fed into transponders? (Check box if Yes): **No**
 j. Maximum G/T (dB/K): **8**
 k. Minimum G/T (dB/K): **5**
 l. Maximum Saturation Flux Density (dBW/m²):
 m. Minimum Saturation Flux Density (dBW/m²):

n. Beam Peak Flux Density at Command Threshold (dBW/m²):
 o. Peak Isotropic Antenna Gain (dBi): **35.6**
 p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):
 q. Antenna Pointing Error (°): **0.5**
 r. Antenna Rotational Error (°):
 s. Will a GIMS container file containing all antenna contour data be provided?:
 t. Under what rules will the associated antenna contours be submitted?:
 u. Provide a list of each orbital plane in which this antenna beam is used.:
 v. Are all space stations in the NGSO constellation identical?:
 w. What information will be provided with the predicted antenna gain contours?:

a. Beam ID: **RX12**
 b. Beam Frequency (Lower Band Edge) (MHz): **29950**
 c. Beam Frequency (Upper Band Edge) (MHz): **30000**
 d. Polarization: **RHCP**
 e. Can the space station vary the channel bandwidth with on-board processing?: **Yes**
 f. Is this a command beam? (Check box if Yes): **Yes**
 g. Is the beam shapeable? (Check box if Yes): **No**
 h. Is the beam steerable? (Check box if Yes): **No**
 i. Is the beam fed into transponders? (Check box if Yes): **No**
 j. Maximum G/T (dB/K): **-22.6**
 k. Minimum G/T (dB/K): **-25.6**
 l. Maximum Saturation Flux Density (dBW/m²):
 m. Minimum Saturation Flux Density (dBW/m²):

n. Beam Peak Flux Density at Command Threshold (dBW/m²): **-75**
 o. Peak Isotropic Antenna Gain (dBi): **5**
 p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):
 q. Antenna Pointing Error (°): **0.5**
 r. Antenna Rotational Error (°):
 s. Will a GIMS container file containing all antenna contour data be provided?:
 t. Under what rules will the associated antenna contours be submitted?:
 u. Provide a list of each orbital plane in which this antenna beam is used.:
 v. Are all space stations in the NGSO constellation identical?:
 w. What information will be provided with the predicted antenna gain contours?:

a. Beam ID: **RX33**
 b. Beam Frequency (Lower Band Edge) (MHz): **13750**
 c. Beam Frequency (Upper Band Edge) (MHz): **14000**
 d. Polarization: **RHCP**
 e. Can the space station vary the channel bandwidth with on-board processing?: **Yes**
 f. Is this a command beam? (Check box if Yes): **No**
 g. Is the beam shapeable? (Check box if Yes): **Yes**
 h. Is the beam steerable? (Check box if Yes): **Yes**
 i. Is the beam fed into transponders? (Check box if Yes): **No**
 j. Maximum G/T (dB/K): **8**
 k. Minimum G/T (dB/K): **5**
 l. Maximum Saturation Flux Density (dBW/m²):
 m. Minimum Saturation Flux Density (dBW/m²):

n. Beam Peak Flux Density at Command Threshold (dBW/m²):
 o. Peak Isotropic Antenna Gain (dBi): **35.6**
 p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):
 q. Antenna Pointing Error (°): **0.5**
 r. Antenna Rotational Error (°):
 s. Will a GIMS container file containing all antenna contour data be provided?:
 t. Under what rules will the associated antenna contours be submitted?:
 u. Provide a list of each orbital plane in which this antenna beam is used.:
 v. Are all space stations in the NGSO constellation identical?:
 w. What information will be provided with the predicted antenna gain contours?:

a. Beam ID:	RX27	n. Beam Peak Flux Density at Command Threshold (dBW/m ²):	-75
b. Beam Frequency (Lower Band Edge) (MHz):	29950	o. Peak Isotropic Antenna Gain (dBi):	5
c. Beam Frequency (Upper Band Edge) (MHz):	30000	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	Yes	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	No	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	No	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	-22.6	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	-25.6		
l. Maximum Saturation Flux Density (dBW/m ²):			
m. Minimum Saturation Flux Density (dBW/m ²):			

a. Beam ID:	RX34	n. Beam Peak Flux Density at Command Threshold (dBW/m ²):	
b. Beam Frequency (Lower Band Edge) (MHz):	14000	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	14200	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	8	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	5		
l. Maximum Saturation Flux Density (dBW/m ²):			
m. Minimum Saturation Flux Density (dBW/m ²):			

a. Beam ID:	RX38	n. Beam Peak Flux Density at Command Threshold (dBW/m ²):	
b. Beam Frequency (Lower Band Edge) (MHz):	28350	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	29100	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	8	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	5		
l. Maximum Saturation Flux Density (dBW/m ²):			
m. Minimum Saturation Flux Density (dBW/m ²):			

a. Beam ID:	RX40	n. Beam Peak Flux Density at Command Threshold (dBW/m ²):	
b. Beam Frequency (Lower Band Edge) (MHz):	29250	o. Peak Isotropic Antenna Gain (dBi):	35.6

c. Beam Frequency (Upper Band Edge) (MHz):	29500	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	8	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	5		
l. Maximum Saturation Flux Density (dBW/m²):			
m. Minimum Saturation Flux Density (dBW/m²):			

a. Beam ID:	RX49	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	14200	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	14470	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	8	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	5		
l. Maximum Saturation Flux Density (dBW/m²):			
m. Minimum Saturation Flux Density (dBW/m²):			

a. Beam ID:	RX35	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	14200	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	14470	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	8	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	5		
l. Maximum Saturation Flux Density (dBW/m²):			
m. Minimum Saturation Flux Density (dBW/m²):			

a. Beam ID:	RX67	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	15430	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	15630	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5

e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	8	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	5		
l. Maximum Saturation Flux Density (dBW/m²):			
m. Minimum Saturation Flux Density (dBW/m²):			

a. Beam ID:	RX68	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	24750	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	25750	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	8	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	5		
l. Maximum Saturation Flux Density (dBW/m²):			
m. Minimum Saturation Flux Density (dBW/m²):			

a. Beam ID:	RX73	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	14500	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	14750	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	5	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	2		
l. Maximum Saturation Flux Density (dBW/m²):			
m. Minimum Saturation Flux Density (dBW/m²):			

a. Beam ID:	RX76	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	14750	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	14800	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	

g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	5	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	2		
l. Maximum Saturation Flux Density (dBW/m²):			
m. Minimum Saturation Flux Density (dBW/m²):			

a. Beam ID:	RX77	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	14750	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	14800	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	8	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	5		
l. Maximum Saturation Flux Density (dBW/m²):			
m. Minimum Saturation Flux Density (dBW/m²):			

a. Beam ID:	RX78	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	14750	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	14800	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	8	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	5		
l. Maximum Saturation Flux Density (dBW/m²):			
m. Minimum Saturation Flux Density (dBW/m²):			

a. Beam ID:	RX36	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	14470	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	14500	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	

i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	8	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	5		
l. Maximum Saturation Flux Density (dBW/m²):			
m. Minimum Saturation Flux Density (dBW/m²):			

a. Beam ID:	RX43	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	48200	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	50200	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	8	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	5		
l. Maximum Saturation Flux Density (dBW/m²):			
m. Minimum Saturation Flux Density (dBW/m²):			

a. Beam ID:	RX74	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	14500	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	14750	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	5	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	2		
l. Maximum Saturation Flux Density (dBW/m²):			
m. Minimum Saturation Flux Density (dBW/m²):			

a. Beam ID:	RX47	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	13750	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	14000	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	8	w. What information will be provided with the predicted antenna gain contours?:	

k. Minimum G/T (dB/K):	5		
l. Maximum Saturation Flux Density (dBW/m²):			
m. Minimum Saturation Flux Density (dBW/m²):			

a. Beam ID:	RX48	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	14000	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	14200	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	8	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	5		
l. Maximum Saturation Flux Density (dBW/m²):			
m. Minimum Saturation Flux Density (dBW/m²):			

a. Beam ID:	RX50	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	14470	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	14500	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	8	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	5		
l. Maximum Saturation Flux Density (dBW/m²):			
m. Minimum Saturation Flux Density (dBW/m²):			

a. Beam ID:	RX63	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	15430	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	15630	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	5	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	2		
l. Maximum Saturation Flux Density (dBW/m²):			

m. Minimum Saturation Flux Density (dBW/m²):

a. Beam ID:	RX66	n. Beam Peak Flux Density at Command Threshold (dBW/m ²):	
b. Beam Frequency (Lower Band Edge) (MHz):	24750	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	25750	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	5	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	2		
l. Maximum Saturation Flux Density (dBW/m ²):			
m. Minimum Saturation Flux Density (dBW/m ²):			

a. Beam ID:	RX75	n. Beam Peak Flux Density at Command Threshold (dBW/m ²):	
b. Beam Frequency (Lower Band Edge) (MHz):	14750	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	14800	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	5	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	2		
l. Maximum Saturation Flux Density (dBW/m ²):			
m. Minimum Saturation Flux Density (dBW/m ²):			

a. Beam ID:	RX37	n. Beam Peak Flux Density at Command Threshold (dBW/m ²):	
b. Beam Frequency (Lower Band Edge) (MHz):	27500	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	28350	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	8	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	5		
l. Maximum Saturation Flux Density (dBW/m ²):			
m. Minimum Saturation Flux Density (dBW/m ²):			

a. Beam ID:	RX39	n. Beam Peak Flux Density at Command Threshold (dBW/m ²):	
b. Beam Frequency (Lower Band Edge) (MHz):	29100	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	29250	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	8	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	5		
l. Maximum Saturation Flux Density (dBW/m ²):			
m. Minimum Saturation Flux Density (dBW/m ²):			

a. Beam ID:	RX41	n. Beam Peak Flux Density at Command Threshold (dBW/m ²):	
b. Beam Frequency (Lower Band Edge) (MHz):	29500	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	30000	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	8	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	5		
l. Maximum Saturation Flux Density (dBW/m ²):			
m. Minimum Saturation Flux Density (dBW/m ²):			

a. Beam ID:	RX42	n. Beam Peak Flux Density at Command Threshold (dBW/m ²):	
b. Beam Frequency (Lower Band Edge) (MHz):	47200	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	48200	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	8	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	5		
l. Maximum Saturation Flux Density (dBW/m ²):			
m. Minimum Saturation Flux Density (dBW/m ²):			

a. Beam ID:	RX65	n. Beam Peak Flux Density at Command Threshold (dBW/m ²):	
b. Beam Frequency (Lower Band Edge) (MHz):	15430	o. Peak Isotropic Antenna Gain (dBi):	32.6

c. Beam Frequency (Upper Band Edge) (MHz):	15630	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	5	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	2		
l. Maximum Saturation Flux Density (dBW/m²):			
m. Minimum Saturation Flux Density (dBW/m²):			

a. Beam ID:	RX69	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	15430	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	15630	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	8	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	5		
l. Maximum Saturation Flux Density (dBW/m²):			
m. Minimum Saturation Flux Density (dBW/m²):			

a. Beam ID:	RX64	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	24750	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	25750	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	5	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	2		
l. Maximum Saturation Flux Density (dBW/m²):			
m. Minimum Saturation Flux Density (dBW/m²):			

a. Beam ID:	RX44	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	50400	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	51400	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5

e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	8	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	5		
l. Maximum Saturation Flux Density (dBW/m²):			
m. Minimum Saturation Flux Density (dBW/m²):			

a. Beam ID:	RX70	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	24750	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	25750	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	8	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	5		
l. Maximum Saturation Flux Density (dBW/m²):			
m. Minimum Saturation Flux Density (dBW/m²):			

a. Beam ID:	RX45	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	12700	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	12750	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	8	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	5		
l. Maximum Saturation Flux Density (dBW/m²):			
m. Minimum Saturation Flux Density (dBW/m²):			

a. Beam ID:	RX46	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	12750	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	13250	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	

g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	8	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	5		
l. Maximum Saturation Flux Density (dBW/m²):			
m. Minimum Saturation Flux Density (dBW/m²):			

a. Beam ID:	RX51	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	27500	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	28350	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	8	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	5		
l. Maximum Saturation Flux Density (dBW/m²):			
m. Minimum Saturation Flux Density (dBW/m²):			

a. Beam ID:	RX53	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	29100	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	29250	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	8	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	5		
l. Maximum Saturation Flux Density (dBW/m²):			
m. Minimum Saturation Flux Density (dBW/m²):			

a. Beam ID:	RX54	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	29250	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	29500	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	

i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	8	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	5		
l. Maximum Saturation Flux Density (dBW/m²):			
m. Minimum Saturation Flux Density (dBW/m²):			

a. Beam ID:	RX55	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	29500	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	30000	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	8	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	5		
l. Maximum Saturation Flux Density (dBW/m²):			
m. Minimum Saturation Flux Density (dBW/m²):			

a. Beam ID:	RX56	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	47200	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	48200	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	8	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	5		
l. Maximum Saturation Flux Density (dBW/m²):			
m. Minimum Saturation Flux Density (dBW/m²):			

a. Beam ID:	RX57	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	48200	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	50200	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	8	w. What information will be provided with the predicted antenna gain contours?:	

k. Minimum G/T (dB/K):	5		
l. Maximum Saturation Flux Density (dBW/m²):			
m. Minimum Saturation Flux Density (dBW/m²):			

a. Beam ID:	RX59	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	51400	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	52400	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	1.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	5	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	2		
l. Maximum Saturation Flux Density (dBW/m²):			
m. Minimum Saturation Flux Density (dBW/m²):			

a. Beam ID:	RX60	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	51400	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	52400	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	1.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	5	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	2		
l. Maximum Saturation Flux Density (dBW/m²):			
m. Minimum Saturation Flux Density (dBW/m²):			

a. Beam ID:	RX61	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	51400	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	52400	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	1.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum G/T (dB/K):	8	w. What information will be provided with the predicted antenna gain contours?:	
k. Minimum G/T (dB/K):	5		
l. Maximum Saturation Flux Density (dBW/m²):			

m. Minimum Saturation Flux Density (dBW/m²):

a. Beam ID: **RX62**
 b. Beam Frequency (Lower Band Edge) (MHz): **51400**
 c. Beam Frequency (Upper Band Edge) (MHz): **52400**
 d. Polarization: **LHCP**
 e. Can the space station vary the channel bandwidth with on-board processing?: **Yes**
 f. Is this a command beam? (Check box if Yes): **No**
 g. Is the beam shapeable? (Check box if Yes): **Yes**
 h. Is the beam steerable? (Check box if Yes): **Yes**
 i. Is the beam fed into transponders? (Check box if Yes): **No**
 j. Maximum G/T (dB/K): **8**
 k. Minimum G/T (dB/K): **5**
 l. Maximum Saturation Flux Density (dBW/m²):
 m. Minimum Saturation Flux Density (dBW/m²):

n. Beam Peak Flux Density at Command Threshold (dBW/m²):
 o. Peak Isotropic Antenna Gain (dBi): **35.6**
 p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):
 q. Antenna Pointing Error (°): **1.5**
 r. Antenna Rotational Error (°):
 s. Will a GIMS container file containing all antenna contour data be provided?:
 t. Under what rules will the associated antenna contours be submitted?:
 u. Provide a list of each orbital plane in which this antenna beam is used.:
 v. Are all space stations in the NGSO constellation identical?:
 w. What information will be provided with the predicted antenna gain contours?:

a. Beam ID: **RX58**
 b. Beam Frequency (Lower Band Edge) (MHz): **50400**
 c. Beam Frequency (Upper Band Edge) (MHz): **51400**
 d. Polarization: **LHCP**
 e. Can the space station vary the channel bandwidth with on-board processing?: **Yes**
 f. Is this a command beam? (Check box if Yes): **No**
 g. Is the beam shapeable? (Check box if Yes): **Yes**
 h. Is the beam steerable? (Check box if Yes): **Yes**
 i. Is the beam fed into transponders? (Check box if Yes): **No**
 j. Maximum G/T (dB/K): **8**
 k. Minimum G/T (dB/K): **5**
 l. Maximum Saturation Flux Density (dBW/m²):
 m. Minimum Saturation Flux Density (dBW/m²):

n. Beam Peak Flux Density at Command Threshold (dBW/m²):
 o. Peak Isotropic Antenna Gain (dBi): **35.6**
 p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):
 q. Antenna Pointing Error (°): **0.5**
 r. Antenna Rotational Error (°):
 s. Will a GIMS container file containing all antenna contour data be provided?:
 t. Under what rules will the associated antenna contours be submitted?:
 u. Provide a list of each orbital plane in which this antenna beam is used.:
 v. Are all space stations in the NGSO constellation identical?:
 w. What information will be provided with the predicted antenna gain contours?:

a. Beam ID: **RX52**
 b. Beam Frequency (Lower Band Edge) (MHz): **28350**
 c. Beam Frequency (Upper Band Edge) (MHz): **29100**
 d. Polarization: **LHCP**
 e. Can the space station vary the channel bandwidth with on-board processing?: **Yes**
 f. Is this a command beam? (Check box if Yes): **No**
 g. Is the beam shapeable? (Check box if Yes): **Yes**
 h. Is the beam steerable? (Check box if Yes): **Yes**
 i. Is the beam fed into transponders? (Check box if Yes): **No**
 j. Maximum G/T (dB/K): **8**
 k. Minimum G/T (dB/K): **5**
 l. Maximum Saturation Flux Density (dBW/m²):
 m. Minimum Saturation Flux Density (dBW/m²):

n. Beam Peak Flux Density at Command Threshold (dBW/m²):
 o. Peak Isotropic Antenna Gain (dBi): **35.6**
 p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):
 q. Antenna Pointing Error (°): **0.5**
 r. Antenna Rotational Error (°):
 s. Will a GIMS container file containing all antenna contour data be provided?:
 t. Under what rules will the associated antenna contours be submitted?:
 u. Provide a list of each orbital plane in which this antenna beam is used.:
 v. Are all space stations in the NGSO constellation identical?:
 w. What information will be provided with the predicted antenna gain contours?:

S5. Space-to-Earth (Transmit) Beams

a. Beam ID:	TX1	n. Beam Peak Flux Density at Command Threshold (dBW/m ²):	
b. Beam Frequency (Lower Band Edge) (MHz):	10700	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	11700	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	29.6
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-44.4	w. What information will be provided with the predicted antenna gain contours?:	
k. Maximum Transmit EIRP (dBW):	35.6		

y. Max. Power-Flux Densities													
			Angles of Arrival PFD						Geographic Region PFD				
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m²/BW)	(v) 2-5° (dBW/m²/BW)	(vi) 5-15° (dBW/m²/BW)	(vii) 15-20° (dBW/m²/BW)	(viii) 20-25° (dBW/m²/BW)	(ix) 25-90° (dBW/m²/BW)	(x) Southeastern Region (dBW/m²/BW)	(xi) Northeastern Region (dBW/m²/BW)	(xii) Western Region (dBW/m²/BW)	(xiii) Other Region (dBW/m²/BW)	(xiv) Energy Dispersal Bandwidth (kHz)
		4 kHz	-172.4	-165.7	-156.3	-146.4	-145.4	-140					

a. Beam ID:	TX3	n. Beam Peak Flux Density at Command Threshold (dBW/m ²):	
b. Beam Frequency (Lower Band Edge) (MHz):	12200	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	12700	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	29.6
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-35.8	w. What information will be provided with the predicted antenna gain contours?:	
k. Maximum Transmit EIRP (dBW):	44.2		

y. Max. Power-Flux Densities													
			Angles of Arrival PFD						Geographic Region PFD				
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m²/BW)	(v) 2-5° (dBW/m²/BW)	(vi) 5-15° (dBW/m²/BW)	(vii) 15-20° (dBW/m²/BW)	(viii) 20-25° (dBW/m²/BW)	(ix) 25-90° (dBW/m²/BW)	(x) Southeastern Region (dBW/m²/BW)	(xi) Northeastern Region (dBW/m²/BW)	(xii) Western Region (dBW/m²/BW)	(xiii) Other Region (dBW/m²/BW)	(xiv) Energy Dispersal Bandwidth (kHz)
		4 kHz	-163.9	-157.2	-147.7	-137.8	-136.8	-131.4					

a. Beam ID:	TX5	n. Beam Peak Flux Density at Command Threshold (dBW/m ²):	
b. Beam Frequency (Lower Band Edge) (MHz):	17700	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	17800	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	29.6

d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-37.6	w. What information will be provided with the predicted antenna gain contours?:	
k. Maximum Transmit EIRP (dBW):	44.2		

y. Max. Power-Flux Densities														
			Angles of Arrival PFD						Geographic Region PFD					
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m²/BW)	(v) 2-5° (dBW/m²/BW)	(vi) 5-15° (dBW/m²/BW)	(vii) 15-20° (dBW/m²/BW)	(viii) 20-25° (dBW/m²/BW)	(ix) 25-90° (dBW/m²/BW)	(x) Southeastern Region (dBW/m²/BW)	(xi) Northeastern Region (dBW/m²/BW)	(xii) Western Region (dBW/m²/BW)	(xiii) Other Region (dBW/m²/BW)	(xiv) Energy Dispersal Bandwidth (kHz)	
		1 MHz	-141.6	-134.9	-125.5	-115.6	-114.6	-109.2						

a. Beam ID:	TX8	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	18300	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	18600	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	29.6
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-37.6	w. What information will be provided with the predicted antenna gain contours?:	
k. Maximum Transmit EIRP (dBW):	44.2		

y. Max. Power-Flux Densities														
			Angles of Arrival PFD						Geographic Region PFD					
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m²/BW)	(v) 2-5° (dBW/m²/BW)	(vi) 5-15° (dBW/m²/BW)	(vii) 15-20° (dBW/m²/BW)	(viii) 20-25° (dBW/m²/BW)	(ix) 25-90° (dBW/m²/BW)	(x) Southeastern Region (dBW/m²/BW)	(xi) Northeastern Region (dBW/m²/BW)	(xii) Western Region (dBW/m²/BW)	(xiii) Other Region (dBW/m²/BW)	(xiv) Energy Dispersal Bandwidth (kHz)	
		1 MHz	-141.6	-134.9	-125.5	-115.6	-114.6	-109.2						

a. Beam ID:	TX11	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	19300	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	19700	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	29.6
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-37.6	w. What information will be provided with the predicted antenna gain contours?:	

k. Maximum Transmit EIRP (dBW):													44.2	
y. Max. Power-Flux Densities														
			Angles of Arrival PFD						Geographic Region PFD					
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m²/BW)	(v) 2-5° (dBW/m²/BW)	(vi) 5-15° (dBW/m²/BW)	(vii) 15-20° (dBW/m²/BW)	(viii) 20-25° (dBW/m²/BW)	(ix) 25-90° (dBW/m²/BW)	(x) Southeastern Region (dBW/m²/BW)	(xi) Northeastern Region (dBW/m²/BW)	(xii) Western Region (dBW/m²/BW)	(xiii) Other Region (dBW/m²/BW)	(xiv) Energy Dispersal Bandwidth (kHz)	
		1 MHz	-141.6	-134.9	-125.5	-115.6	-114.6	-109.2						

a. Beam ID:	TX12	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	19700	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	20100	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	29.6
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-37.6	w. What information will be provided with the predicted antenna gain contours?:	
k. Maximum Transmit EIRP (dBW):	44.2		
y. Max. Power-Flux Densities			
			Angles of Arrival PFD
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m²/BW)
		1 MHz	-141.6

a. Beam ID:	TX13	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	37500	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	38000	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	29.6
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-38.8	w. What information will be provided with the predicted antenna gain contours?:	
k. Maximum Transmit EIRP (dBW):	44.2		
y. Max. Power-Flux Densities			
			Angles of Arrival PFD
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m²/BW)
		1 MHz	-141.6

		1 MHz	-142.9	-136.2	-126.7	-125	-120	-118					
--	--	-------	--------	--------	--------	------	------	------	--	--	--	--	--

a. Beam ID:	TX14	n. Beam Peak Flux Density at Command Threshold (dBW/m ²):	
b. Beam Frequency (Lower Band Edge) (MHz):	38000	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	39500	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	29.6
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-38.8	w. What information will be provided with the predicted antenna gain contours?:	
k. Maximum Transmit EIRP (dBW):	44.2		

y. Max. Power-Flux Densities													
			Angles of Arrival PFD						Geographic Region PFD				
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m ² /BW)	(v) 2-5° (dBW/m ² /BW)	(vi) 5-15° (dBW/m ² /BW)	(vii) 15-20° (dBW/m ² /BW)	(viii) 20-25° (dBW/m ² /BW)	(ix) 25-90° (dBW/m ² /BW)	(x) Southeastern Region (dBW/m ² /BW)	(xi) Northeastern Region (dBW/m ² /BW)	(xii) Western Region (dBW/m ² /BW)	(xiii) Other Region (dBW/m ² /BW)	(xiv) Energy Dispersal Bandwidth (kHz)
		1 MHz	-142.9	-136.2	-126.7	-125	-120	-118					

a. Beam ID:	TX15	n. Beam Peak Flux Density at Command Threshold (dBW/m ²):	
b. Beam Frequency (Lower Band Edge) (MHz):	39500	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	40000	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	29.6
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-38.8	w. What information will be provided with the predicted antenna gain contours?:	
k. Maximum Transmit EIRP (dBW):	44.2		

y. Max. Power-Flux Densities													
			Angles of Arrival PFD						Geographic Region PFD				
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m ² /BW)	(v) 2-5° (dBW/m ² /BW)	(vi) 5-15° (dBW/m ² /BW)	(vii) 15-20° (dBW/m ² /BW)	(viii) 20-25° (dBW/m ² /BW)	(ix) 25-90° (dBW/m ² /BW)	(x) Southeastern Region (dBW/m ² /BW)	(xi) Northeastern Region (dBW/m ² /BW)	(xii) Western Region (dBW/m ² /BW)	(xiii) Other Region (dBW/m ² /BW)	(xiv) Energy Dispersal Bandwidth (kHz)
		1 MHz	-142.9	-136.2	-126.7	-125	-120	-118					

a. Beam ID:	TX16	n. Beam Peak Flux Density at Command Threshold (dBW/m ²):	
b. Beam Frequency (Lower Band Edge) (MHz):	40000	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	40500	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	29.6
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	

f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-38.8	w. What information will be provided with the predicted antenna gain contours?:
k. Maximum Transmit EIRP (dBW):	44.2	

y. Max. Power-Flux Densities														
			Angles of Arrival PFD						Geographic Region PFD					
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m²/BW)	(v) 2-5° (dBW/m²/BW)	(vi) 5-15° (dBW/m²/BW)	(vii) 15-20° (dBW/m²/BW)	(viii) 20-25° (dBW/m²/BW)	(ix) 25-90° (dBW/m²/BW)	(x) Southeastern Region (dBW/m²/BW)	(xi) Northeastern Region (dBW/m²/BW)	(xii) Western Region (dBW/m²/BW)	(xiii) Other Region (dBW/m²/BW)	(xiv) Energy Dispersal Bandwidth (kHz)	
		1 MHz	-142.9	-136.2	-126.7	-116.8	-115.9	-110						

a. Beam ID:	TX2	n. Beam Peak Flux Density at Command Threshold (dBW/m²):
b. Beam Frequency (Lower Band Edge) (MHz):	11700	o. Peak Isotropic Antenna Gain (dBi): 32.6
c. Beam Frequency (Upper Band Edge) (MHz):	12200	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi): 29.6
d. Polarization:	RHCP	q. Antenna Pointing Error (°): 0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-44.4	w. What information will be provided with the predicted antenna gain contours?:
k. Maximum Transmit EIRP (dBW):	35.6	

y. Max. Power-Flux Densities														
			Angles of Arrival PFD						Geographic Region PFD					
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m²/BW)	(v) 2-5° (dBW/m²/BW)	(vi) 5-15° (dBW/m²/BW)	(vii) 15-20° (dBW/m²/BW)	(viii) 20-25° (dBW/m²/BW)	(ix) 25-90° (dBW/m²/BW)	(x) Southeastern Region (dBW/m²/BW)	(xi) Northeastern Region (dBW/m²/BW)	(xii) Western Region (dBW/m²/BW)	(xiii) Other Region (dBW/m²/BW)	(xiv) Energy Dispersal Bandwidth (kHz)	
		4 kHz	-172.4	-165.7	-156.3	-146.4	-145.4	-140						

a. Beam ID:	TX6	n. Beam Peak Flux Density at Command Threshold (dBW/m²):
b. Beam Frequency (Lower Band Edge) (MHz):	17800	o. Peak Isotropic Antenna Gain (dBi): 32.6
c. Beam Frequency (Upper Band Edge) (MHz):	18142	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi): 29.6
d. Polarization:	RHCP	q. Antenna Pointing Error (°): 0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:
g. Is the beam shapeable? (Check box if Yes):	No	t. Under what rules will the associated antenna contours be submitted?:
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-40.1	w. What information will be provided with the predicted antenna gain contours?:
k. Maximum Transmit EIRP (dBW):	41.6	

y. Max. Power-Flux Densities													
			Angles of Arrival PFD						Geographic Region PFD				
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m²/BW)	(v) 2-5° (dBW/m²/BW)	(vi) 5-15° (dBW/m²/BW)	(vii) 15-20° (dBW/m²/BW)	(viii) 20-25° (dBW/m²/BW)	(ix) 25-90° (dBW/m²/BW)	(x) Southeastern Region (dBW/m²/BW)	(xi) Northeastern Region (dBW/m²/BW)	(xii) Western Region (dBW/m²/BW)	(xiii) Other Region (dBW/m²/BW)	(xiv) Energy Dispersal Bandwidth (kHz)
		1 MHz	-144.2	-137.5	-128	-118.2	-117.2	-111.8					

a. Beam ID:	TX7	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	18142	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	18300	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	29.6
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	No	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-40.1	w. What information will be provided with the predicted antenna gain contours?:	
k. Maximum Transmit EIRP (dBW):	41.6		

y. Max. Power-Flux Densities													
			Angles of Arrival PFD						Geographic Region PFD				
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m²/BW)	(v) 2-5° (dBW/m²/BW)	(vi) 5-15° (dBW/m²/BW)	(vii) 15-20° (dBW/m²/BW)	(viii) 20-25° (dBW/m²/BW)	(ix) 25-90° (dBW/m²/BW)	(x) Southeastern Region (dBW/m²/BW)	(xi) Northeastern Region (dBW/m²/BW)	(xii) Western Region (dBW/m²/BW)	(xiii) Other Region (dBW/m²/BW)	(xiv) Energy Dispersal Bandwidth (kHz)
		1 MHz	-144.2	-137.5	-128	-118.2	-117.2	-111.8					

a. Beam ID:	TX9	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	18600	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	18800	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	29.6
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-37.6	w. What information will be provided with the predicted antenna gain contours?:	
k. Maximum Transmit EIRP (dBW):	44.2		

y. Max. Power-Flux Densities													
			Angles of Arrival PFD						Geographic Region PFD				
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m²/BW)	(v) 2-5° (dBW/m²/BW)	(vi) 5-15° (dBW/m²/BW)	(vii) 15-20° (dBW/m²/BW)	(viii) 20-25° (dBW/m²/BW)	(ix) 25-90° (dBW/m²/BW)	(x) Southeastern Region (dBW/m²/BW)	(xi) Northeastern Region (dBW/m²/BW)	(xii) Western Region (dBW/m²/BW)	(xiii) Other Region (dBW/m²/BW)	(xiv) Energy Dispersal Bandwidth (kHz)
		1 MHz	-141.6	-134.9	-125.5	-118	-118	-118					

a. Beam ID:	TX10	n. Beam Peak Flux Density at Command Threshold (dBW/m ²):	
b. Beam Frequency (Lower Band Edge) (MHz):	18800	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	19300	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	29.6
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-37.6	w. What information will be provided with the predicted antenna gain contours?:	
k. Maximum Transmit EIRP (dBW):	44.2		

y. Max. Power-Flux Densities													
			Angles of Arrival PFD						Geographic Region PFD				
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m ² /BW)	(v) 2-5° (dBW/m ² /BW)	(vi) 5-15° (dBW/m ² /BW)	(vii) 15-20° (dBW/m ² /BW)	(viii) 20-25° (dBW/m ² /BW)	(ix) 25-90° (dBW/m ² /BW)	(x) Southeastern Region (dBW/m ² /BW)	(xi) Northeastern Region (dBW/m ² /BW)	(xii) Western Region (dBW/m ² /BW)	(xiii) Other Region (dBW/m ² /BW)	(xiv) Energy Dispersal Bandwidth (kHz)
		1 MHz	-141.6	-134.9	-125.5	-115.6	-114.6	-109.2					

a. Beam ID:	TX17	n. Beam Peak Flux Density at Command Threshold (dBW/m ²):	
b. Beam Frequency (Lower Band Edge) (MHz):	40500	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	41000	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	29.6
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-38.8	w. What information will be provided with the predicted antenna gain contours?:	
k. Maximum Transmit EIRP (dBW):	44.2		

y. Max. Power-Flux Densities													
			Angles of Arrival PFD						Geographic Region PFD				
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m ² /BW)	(v) 2-5° (dBW/m ² /BW)	(vi) 5-15° (dBW/m ² /BW)	(vii) 15-20° (dBW/m ² /BW)	(viii) 20-25° (dBW/m ² /BW)	(ix) 25-90° (dBW/m ² /BW)	(x) Southeastern Region (dBW/m ² /BW)	(xi) Northeastern Region (dBW/m ² /BW)	(xii) Western Region (dBW/m ² /BW)	(xiii) Other Region (dBW/m ² /BW)	(xiv) Energy Dispersal Bandwidth (kHz)
		1 MHz	-142.9	-136.2	-126.7	-116.8	-115.9	-110					

a. Beam ID:	TX18	n. Beam Peak Flux Density at Command Threshold (dBW/m ²):	
b. Beam Frequency (Lower Band Edge) (MHz):	41000	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	42000	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	29.6
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	

h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-38.8	w. What information will be provided with the predicted antenna gain contours?:
k. Maximum Transmit EIRP (dBW):	44.2	

y. Max. Power-Flux Densities													
			Angles of Arrival PFD						Geographic Region PFD				
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m²/BW)	(v) 2-5° (dBW/m²/BW)	(vi) 5-15° (dBW/m²/BW)	(vii) 15-20° (dBW/m²/BW)	(viii) 20-25° (dBW/m²/BW)	(ix) 25-90° (dBW/m²/BW)	(x) Southeastern Region (dBW/m²/BW)	(xi) Northeastern Region (dBW/m²/BW)	(xii) Western Region (dBW/m²/BW)	(xiii) Other Region (dBW/m²/BW)	(xiv) Energy Dispersal Bandwidth (kHz)
		1 MHz	-142.9	-136.2	-126.7	-116.8	-115.9	-110					

a. Beam ID:	TX19	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	10700	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	11700	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	29.6
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-44.4	w. What information will be provided with the predicted antenna gain contours?:	
k. Maximum Transmit EIRP (dBW):	35.6		

y. Max. Power-Flux Densities													
			Angles of Arrival PFD						Geographic Region PFD				
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m²/BW)	(v) 2-5° (dBW/m²/BW)	(vi) 5-15° (dBW/m²/BW)	(vii) 15-20° (dBW/m²/BW)	(viii) 20-25° (dBW/m²/BW)	(ix) 25-90° (dBW/m²/BW)	(x) Southeastern Region (dBW/m²/BW)	(xi) Northeastern Region (dBW/m²/BW)	(xii) Western Region (dBW/m²/BW)	(xiii) Other Region (dBW/m²/BW)	(xiv) Energy Dispersal Bandwidth (kHz)
		4 kHz	-172.4	-165.7	-156.3	-146.4	-145.4	-140					

a. Beam ID:	TX20	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	11700	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	12200	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	29.6
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-44.4	w. What information will be provided with the predicted antenna gain contours?:	
k. Maximum Transmit EIRP (dBW):	35.6		

y. Max. Power-Flux Densities													
			Angles of Arrival PFD						Geographic Region PFD				

(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m²/BW)	(v) 2-5° (dBW/m²/BW)	(vi) 5-15° (dBW/m²/BW)	(vii) 15-20° (dBW/m²/BW)	(viii) 20-25° (dBW/m²/BW)	(ix) 25-90° (dBW/m²/BW)	(x) Southeastern Region (dBW/m²/BW)	(xi) Northeastern Region (dBW/m²/BW)	(xii) Western Region (dBW/m²/BW)	(xiii) Other Region (dBW/m²/BW)	(xiv) Energy Dispersal Bandwidth (kHz)
		4 kHz	-172.4	-165.7	-156.3	-146.4	-145.4	-140					

a. Beam ID:	TX21	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	12200	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	12700	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	29.6
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-35.8	w. What information will be provided with the predicted antenna gain contours?:	
k. Maximum Transmit EIRP (dBW):	44.2		

y. Max. Power-Flux Densities													
			Angles of Arrival PFD						Geographic Region PFD				
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m²/BW)	(v) 2-5° (dBW/m²/BW)	(vi) 5-15° (dBW/m²/BW)	(vii) 15-20° (dBW/m²/BW)	(viii) 20-25° (dBW/m²/BW)	(ix) 25-90° (dBW/m²/BW)	(x) Southeastern Region (dBW/m²/BW)	(xi) Northeastern Region (dBW/m²/BW)	(xii) Western Region (dBW/m²/BW)	(xiii) Other Region (dBW/m²/BW)	(xiv) Energy Dispersal Bandwidth (kHz)
		4 kHz	-163.9	-157.2	-147.7	-137.8	-136.8	-131.4					

a. Beam ID:	TX22	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	17300	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	17700	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	29.6
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-37.6	w. What information will be provided with the predicted antenna gain contours?:	
k. Maximum Transmit EIRP (dBW):	44.2		

y. Max. Power-Flux Densities													
			Angles of Arrival PFD						Geographic Region PFD				
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m²/BW)	(v) 2-5° (dBW/m²/BW)	(vi) 5-15° (dBW/m²/BW)	(vii) 15-20° (dBW/m²/BW)	(viii) 20-25° (dBW/m²/BW)	(ix) 25-90° (dBW/m²/BW)	(x) Southeastern Region (dBW/m²/BW)	(xi) Northeastern Region (dBW/m²/BW)	(xii) Western Region (dBW/m²/BW)	(xiii) Other Region (dBW/m²/BW)	(xiv) Energy Dispersal Bandwidth (kHz)
		1 MHz	-141.6	-134.9	-125.5	-115.6	-114.6	-109.2					

a. Beam ID:	TX23	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
-------------	-------------	--	--

b. Beam Frequency (Lower Band Edge) (MHz):	17700	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	17800	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	29.6
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-37.6	w. What information will be provided with the predicted antenna gain contours?:	
k. Maximum Transmit EIRP (dBW):	44.2		

y. Max. Power-Flux Densities														
			Angles of Arrival PFD						Geographic Region PFD					
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m²/BW)	(v) 2-5° (dBW/m²/BW)	(vi) 5-15° (dBW/m²/BW)	(vii) 15-20° (dBW/m²/BW)	(viii) 20-25° (dBW/m²/BW)	(ix) 25-90° (dBW/m²/BW)	(x) Southeastern Region (dBW/m²/BW)	(xi) Northeastern Region (dBW/m²/BW)	(xii) Western Region (dBW/m²/BW)	(xiii) Other Region (dBW/m²/BW)	(xiv) Energy Dispersal Bandwidth (kHz)	
		1 MHz	-141.6	-134.9	-125.5	-115.6	-114.6	-109.2						

a. Beam ID:	TX24	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	17800	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	18142	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	29.6
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	No	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-40.1	w. What information will be provided with the predicted antenna gain contours?:	
k. Maximum Transmit EIRP (dBW):	41.6		

y. Max. Power-Flux Densities														
			Angles of Arrival PFD						Geographic Region PFD					
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m²/BW)	(v) 2-5° (dBW/m²/BW)	(vi) 5-15° (dBW/m²/BW)	(vii) 15-20° (dBW/m²/BW)	(viii) 20-25° (dBW/m²/BW)	(ix) 25-90° (dBW/m²/BW)	(x) Southeastern Region (dBW/m²/BW)	(xi) Northeastern Region (dBW/m²/BW)	(xii) Western Region (dBW/m²/BW)	(xiii) Other Region (dBW/m²/BW)	(xiv) Energy Dispersal Bandwidth (kHz)	
		1 MHz	-144.2	-137.5	-128	-118.2	-117.2	-111.8						

a. Beam ID:	TX25	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	18142	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	18300	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	29.6
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	No	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	

(Lower Band Edge) (MHz)	(Upper Band Edge) (MHz)	(BW)							Region (dBW/m ² /BW)	Region (dBW/m ² /BW)	(dBW/m ² /BW)	(dBW/m ² /BW)	Bandwidth (kHz)
		1 MHz	-141.6	-134.9	-125.5	-118	-118	-118					

a. Beam ID:	TX28	n. Beam Peak Flux Density at Command Threshold (dBW/m ²):	
b. Beam Frequency (Lower Band Edge) (MHz):	18800	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	19300	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	29.6
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-37.6	w. What information will be provided with the predicted antenna gain contours?:	
k. Maximum Transmit EIRP (dBW):	44.2		

y. Max. Power-Flux Densities													
			Angles of Arrival PFD						Geographic Region PFD				
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m ² /BW)	(v) 2-5° (dBW/m ² /BW)	(vi) 5-15° (dBW/m ² /BW)	(vii) 15-20° (dBW/m ² /BW)	(viii) 20-25° (dBW/m ² /BW)	(ix) 25-90° (dBW/m ² /BW)	(x) Southeastern Region (dBW/m ² /BW)	(xi) Northeastern Region (dBW/m ² /BW)	(xii) Western Region (dBW/m ² /BW)	(xiii) Other Region (dBW/m ² /BW)	(xiv) Energy Dispersal Bandwidth (kHz)
		1 MHz	-141.6	-134.9	-125.5	-115.6	-114.6	-109.2					

a. Beam ID:	TX29	n. Beam Peak Flux Density at Command Threshold (dBW/m ²):	
b. Beam Frequency (Lower Band Edge) (MHz):	19300	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	19700	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	29.6
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-37.6	w. What information will be provided with the predicted antenna gain contours?:	
k. Maximum Transmit EIRP (dBW):	44.2		

y. Max. Power-Flux Densities													
			Angles of Arrival PFD						Geographic Region PFD				
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m ² /BW)	(v) 2-5° (dBW/m ² /BW)	(vi) 5-15° (dBW/m ² /BW)	(vii) 15-20° (dBW/m ² /BW)	(viii) 20-25° (dBW/m ² /BW)	(ix) 25-90° (dBW/m ² /BW)	(x) Southeastern Region (dBW/m ² /BW)	(xi) Northeastern Region (dBW/m ² /BW)	(xii) Western Region (dBW/m ² /BW)	(xiii) Other Region (dBW/m ² /BW)	(xiv) Energy Dispersal Bandwidth (kHz)
		1 MHz	-141.6	-134.9	-125.5	-115.6	-114.6	-109.2					

a. Beam ID:	TX30	n. Beam Peak Flux Density at Command Threshold (dBW/m ²):	
b. Beam Frequency (Lower Band Edge) (MHz):	19700	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	20100	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	29.6

d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-37.6	w. What information will be provided with the predicted antenna gain contours?:	
k. Maximum Transmit EIRP (dBW):	44.2		

y. Max. Power-Flux Densities														
			Angles of Arrival PFD						Geographic Region PFD					
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m²/BW)	(v) 2-5° (dBW/m²/BW)	(vi) 5-15° (dBW/m²/BW)	(vii) 15-20° (dBW/m²/BW)	(viii) 20-25° (dBW/m²/BW)	(ix) 25-90° (dBW/m²/BW)	(x) Southeastern Region (dBW/m²/BW)	(xi) Northeastern Region (dBW/m²/BW)	(xii) Western Region (dBW/m²/BW)	(xiii) Other Region (dBW/m²/BW)	(xiv) Energy Dispersal Bandwidth (kHz)	
		1 MHz	-141.6	-134.9	-125.5	-115.6	-114.6	-109.2						

a. Beam ID:	TX38	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	11700	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	12200	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	32.6
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-41.4	w. What information will be provided with the predicted antenna gain contours?:	
k. Maximum Transmit EIRP (dBW):	38.6		

y. Max. Power-Flux Densities														
			Angles of Arrival PFD						Geographic Region PFD					
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m²/BW)	(v) 2-5° (dBW/m²/BW)	(vi) 5-15° (dBW/m²/BW)	(vii) 15-20° (dBW/m²/BW)	(viii) 20-25° (dBW/m²/BW)	(ix) 25-90° (dBW/m²/BW)	(x) Southeastern Region (dBW/m²/BW)	(xi) Northeastern Region (dBW/m²/BW)	(xii) Western Region (dBW/m²/BW)	(xiii) Other Region (dBW/m²/BW)	(xiv) Energy Dispersal Bandwidth (kHz)	
		4 kHz	-169.4	-162.7	-153.3	-143.4	-142.4	-137						

a. Beam ID:	TX31	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	37500	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	38000	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	29.6
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-38.8	w. What information will be provided with the predicted antenna gain contours?:	

k. Maximum Transmit EIRP (dBW):													44.2	
y. Max. Power-Flux Densities														
			Angles of Arrival PFD						Geographic Region PFD					
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m²/BW)	(v) 2-5° (dBW/m²/BW)	(vi) 5-15° (dBW/m²/BW)	(vii) 15-20° (dBW/m²/BW)	(viii) 20-25° (dBW/m²/BW)	(ix) 25-90° (dBW/m²/BW)	(x) Southeastern Region (dBW/m²/BW)	(xi) Northeastern Region (dBW/m²/BW)	(xii) Western Region (dBW/m²/BW)	(xiii) Other Region (dBW/m²/BW)	(xiv) Energy Dispersal Bandwidth (kHz)	
		1 MHz	-142.9	-136.2	-126.7	-125	-120	-118						

a. Beam ID:	TX32	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	38000	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	39500	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	29.6
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-38.8	w. What information will be provided with the predicted antenna gain contours?:	
k. Maximum Transmit EIRP (dBW):	44.2		
y. Max. Power-Flux Densities			

a. Beam ID:	TX33	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	39500	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	40000	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	29.6
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-38.8	w. What information will be provided with the predicted antenna gain contours?:	
k. Maximum Transmit EIRP (dBW):	44.2		
y. Max. Power-Flux Densities			

		1 MHz	-142.9	-136.2	-126.7	-125	-120	-118					
--	--	-------	--------	--------	--------	------	------	------	--	--	--	--	--

a. Beam ID:	TX34	n. Beam Peak Flux Density at Command Threshold (dBW/m ²):	
b. Beam Frequency (Lower Band Edge) (MHz):	40000	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	40500	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	29.6
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-38.8	w. What information will be provided with the predicted antenna gain contours?:	
k. Maximum Transmit EIRP (dBW):	44.2		

y. Max. Power-Flux Densities													
			Angles of Arrival PFD						Geographic Region PFD				
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m ² /BW)	(v) 2-5° (dBW/m ² /BW)	(vi) 5-15° (dBW/m ² /BW)	(vii) 15-20° (dBW/m ² /BW)	(viii) 20-25° (dBW/m ² /BW)	(ix) 25-90° (dBW/m ² /BW)	(x) Southeastern Region (dBW/m ² /BW)	(xi) Northeastern Region (dBW/m ² /BW)	(xii) Western Region (dBW/m ² /BW)	(xiii) Other Region (dBW/m ² /BW)	(xiv) Energy Dispersal Bandwidth (kHz)
		1 MHz	-142.9	-136.2	-126.7	-116.8	-115.9	-110					

a. Beam ID:	TX35	n. Beam Peak Flux Density at Command Threshold (dBW/m ²):	
b. Beam Frequency (Lower Band Edge) (MHz):	40500	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	41000	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	29.6
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-38.8	w. What information will be provided with the predicted antenna gain contours?:	
k. Maximum Transmit EIRP (dBW):	44.2		

y. Max. Power-Flux Densities													
			Angles of Arrival PFD						Geographic Region PFD				
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m ² /BW)	(v) 2-5° (dBW/m ² /BW)	(vi) 5-15° (dBW/m ² /BW)	(vii) 15-20° (dBW/m ² /BW)	(viii) 20-25° (dBW/m ² /BW)	(ix) 25-90° (dBW/m ² /BW)	(x) Southeastern Region (dBW/m ² /BW)	(xi) Northeastern Region (dBW/m ² /BW)	(xii) Western Region (dBW/m ² /BW)	(xiii) Other Region (dBW/m ² /BW)	(xiv) Energy Dispersal Bandwidth (kHz)
		1 MHz	-142.9	-136.2	-126.7	-116.8	-115.9	-110					

a. Beam ID:	TX36	n. Beam Peak Flux Density at Command Threshold (dBW/m ²):	
b. Beam Frequency (Lower Band Edge) (MHz):	41000	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	42000	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	29.6
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	

f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-38.8	w. What information will be provided with the predicted antenna gain contours?:
k. Maximum Transmit EIRP (dBW):	44.2	

y. Max. Power-Flux Densities														
			Angles of Arrival PFD						Geographic Region PFD					
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m²/BW)	(v) 2-5° (dBW/m²/BW)	(vi) 5-15° (dBW/m²/BW)	(vii) 15-20° (dBW/m²/BW)	(viii) 20-25° (dBW/m²/BW)	(ix) 25-90° (dBW/m²/BW)	(x) Southeastern Region (dBW/m²/BW)	(xi) Northeastern Region (dBW/m²/BW)	(xii) Western Region (dBW/m²/BW)	(xiii) Other Region (dBW/m²/BW)	(xiv) Energy Dispersal Bandwidth (kHz)	
		1 MHz	-142.9	-136.2	-126.7	-116.8	-115.9	-110						

a. Beam ID:	TX60	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	17800	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	18142	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	32.6
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	No	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-37.1	w. What information will be provided with the predicted antenna gain contours?:	
k. Maximum Transmit EIRP (dBW):	44.6		

y. Max. Power-Flux Densities														
			Angles of Arrival PFD						Geographic Region PFD					
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m²/BW)	(v) 2-5° (dBW/m²/BW)	(vi) 5-15° (dBW/m²/BW)	(vii) 15-20° (dBW/m²/BW)	(viii) 20-25° (dBW/m²/BW)	(ix) 25-90° (dBW/m²/BW)	(x) Southeastern Region (dBW/m²/BW)	(xi) Northeastern Region (dBW/m²/BW)	(xii) Western Region (dBW/m²/BW)	(xiii) Other Region (dBW/m²/BW)	(xiv) Energy Dispersal Bandwidth (kHz)	
		1 MHz	-141.2	-134.5	-125	-115.2	-114.2	-108.7						

a. Beam ID:	TX37	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	10700	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	11700	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	32.6
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-41.4	w. What information will be provided with the predicted antenna gain contours?:	
k. Maximum Transmit EIRP (dBW):	38.6		

y. Max. Power-Flux Densities														
			Angles of Arrival PFD						Geographic Region PFD					
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m²/BW)	(v) 2-5° (dBW/m²/BW)	(vi) 5-15° (dBW/m²/BW)	(vii) 15-20° (dBW/m²/BW)	(viii) 20-25° (dBW/m²/BW)	(ix) 25-90° (dBW/m²/BW)	(x) Southeastern Region (dBW/m²/BW)	(xi) Northeastern Region (dBW/m²/BW)	(xii) Western Region (dBW/m²/BW)	(xiii) Other Region (dBW/m²/BW)	(xiv) Energy Dispersal Bandwidth (kHz)	
		4 kHz	-169.4	-162.7	-153.3	-143.4	-142.4	-137						

a. Beam ID:	TX39	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	12200	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	12700	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	32.6
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-32.8	w. What information will be provided with the predicted antenna gain contours?:	
k. Maximum Transmit EIRP (dBW):	47.2		

y. Max. Power-Flux Densities														
			Angles of Arrival PFD						Geographic Region PFD					
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m²/BW)	(v) 2-5° (dBW/m²/BW)	(vi) 5-15° (dBW/m²/BW)	(vii) 15-20° (dBW/m²/BW)	(viii) 20-25° (dBW/m²/BW)	(ix) 25-90° (dBW/m²/BW)	(x) Southeastern Region (dBW/m²/BW)	(xi) Northeastern Region (dBW/m²/BW)	(xii) Western Region (dBW/m²/BW)	(xiii) Other Region (dBW/m²/BW)	(xiv) Energy Dispersal Bandwidth (kHz)	
		4 kHz	-160.8	-154.1	-144.7	-134.8	-133.8	-128.4						

a. Beam ID:	TX40	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	17300	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	17700	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	32.6
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-34.6	w. What information will be provided with the predicted antenna gain contours?:	
k. Maximum Transmit EIRP (dBW):	47.2		

y. Max. Power-Flux Densities														
			Angles of Arrival PFD						Geographic Region PFD					
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m²/BW)	(v) 2-5° (dBW/m²/BW)	(vi) 5-15° (dBW/m²/BW)	(vii) 15-20° (dBW/m²/BW)	(viii) 20-25° (dBW/m²/BW)	(ix) 25-90° (dBW/m²/BW)	(x) Southeastern Region (dBW/m²/BW)	(xi) Northeastern Region (dBW/m²/BW)	(xii) Western Region (dBW/m²/BW)	(xiii) Other Region (dBW/m²/BW)	(xiv) Energy Dispersal Bandwidth (kHz)	
		1 MHz	-138.6	-131.9	-122.5	-112.6	-111.6	-106.2						

a. Beam ID:	TX41	n. Beam Peak Flux Density at Command Threshold (dBW/m ²):	
b. Beam Frequency (Lower Band Edge) (MHz):	17700	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	17800	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	32.6
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-34.6	w. What information will be provided with the predicted antenna gain contours?:	
k. Maximum Transmit EIRP (dBW):	47.2		

y. Max. Power-Flux Densities													
			Angles of Arrival PFD						Geographic Region PFD				
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m ² /BW)	(v) 2-5° (dBW/m ² /BW)	(vi) 5-15° (dBW/m ² /BW)	(vii) 15-20° (dBW/m ² /BW)	(viii) 20-25° (dBW/m ² /BW)	(ix) 25-90° (dBW/m ² /BW)	(x) Southeastern Region (dBW/m ² /BW)	(xi) Northeastern Region (dBW/m ² /BW)	(xii) Western Region (dBW/m ² /BW)	(xiii) Other Region (dBW/m ² /BW)	(xiv) Energy Dispersal Bandwidth (kHz)
		1 MHz	-138.6	-131.9	-122.5	-112.6	-111.6	-106.2					

a. Beam ID:	TX42	n. Beam Peak Flux Density at Command Threshold (dBW/m ²):	
b. Beam Frequency (Lower Band Edge) (MHz):	17800	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	18142	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	32.6
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	No	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-37.1	w. What information will be provided with the predicted antenna gain contours?:	
k. Maximum Transmit EIRP (dBW):	44.6		

y. Max. Power-Flux Densities													
			Angles of Arrival PFD						Geographic Region PFD				
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m ² /BW)	(v) 2-5° (dBW/m ² /BW)	(vi) 5-15° (dBW/m ² /BW)	(vii) 15-20° (dBW/m ² /BW)	(viii) 20-25° (dBW/m ² /BW)	(ix) 25-90° (dBW/m ² /BW)	(x) Southeastern Region (dBW/m ² /BW)	(xi) Northeastern Region (dBW/m ² /BW)	(xii) Western Region (dBW/m ² /BW)	(xiii) Other Region (dBW/m ² /BW)	(xiv) Energy Dispersal Bandwidth (kHz)
		1 MHz	-141.2	-134.5	-125	-115.2	-114.2	-108.7					

a. Beam ID:	TX43	n. Beam Peak Flux Density at Command Threshold (dBW/m ²):	
b. Beam Frequency (Lower Band Edge) (MHz):	18142	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	18300	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	32.6
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	No	t. Under what rules will the associated antenna contours be submitted?:	

h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-37.1	w. What information will be provided with the predicted antenna gain contours?:
k. Maximum Transmit EIRP (dBW):	44.6	

y. Max. Power-Flux Densities													
			Angles of Arrival PFD						Geographic Region PFD				
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m²/BW)	(v) 2-5° (dBW/m²/BW)	(vi) 5-15° (dBW/m²/BW)	(vii) 15-20° (dBW/m²/BW)	(viii) 20-25° (dBW/m²/BW)	(ix) 25-90° (dBW/m²/BW)	(x) Southeastern Region (dBW/m²/BW)	(xi) Northeastern Region (dBW/m²/BW)	(xii) Western Region (dBW/m²/BW)	(xiii) Other Region (dBW/m²/BW)	(xiv) Energy Dispersal Bandwidth (kHz)
		1 MHz	-141.2	-134.5	-125	-115.2	-114.2	-108.7					

a. Beam ID:	TX44	n. Beam Peak Flux Density at Command Threshold (dBW/m²):
b. Beam Frequency (Lower Band Edge) (MHz):	18300	o. Peak Isotropic Antenna Gain (dBi): 35.6
c. Beam Frequency (Upper Band Edge) (MHz):	18600	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi): 32.6
d. Polarization:	RHCP	q. Antenna Pointing Error (°): 0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-34.6	w. What information will be provided with the predicted antenna gain contours?:
k. Maximum Transmit EIRP (dBW):	47.2	

y. Max. Power-Flux Densities													
			Angles of Arrival PFD						Geographic Region PFD				
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m²/BW)	(v) 2-5° (dBW/m²/BW)	(vi) 5-15° (dBW/m²/BW)	(vii) 15-20° (dBW/m²/BW)	(viii) 20-25° (dBW/m²/BW)	(ix) 25-90° (dBW/m²/BW)	(x) Southeastern Region (dBW/m²/BW)	(xi) Northeastern Region (dBW/m²/BW)	(xii) Western Region (dBW/m²/BW)	(xiii) Other Region (dBW/m²/BW)	(xiv) Energy Dispersal Bandwidth (kHz)
		1 MHz	-138.6	-131.9	-122.5	-112.6	-111.6	-106.2					

a. Beam ID:	TX45	n. Beam Peak Flux Density at Command Threshold (dBW/m²):
b. Beam Frequency (Lower Band Edge) (MHz):	18600	o. Peak Isotropic Antenna Gain (dBi): 35.6
c. Beam Frequency (Upper Band Edge) (MHz):	18800	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi): 32.6
d. Polarization:	RHCP	q. Antenna Pointing Error (°): 0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-34.6	w. What information will be provided with the predicted antenna gain contours?:
k. Maximum Transmit EIRP (dBW):	47.2	

y. Max. Power-Flux Densities													
			Angles of Arrival PFD						Geographic Region PFD				

(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m²/BW)	(v) 2-5° (dBW/m²/BW)	(vi) 5-15° (dBW/m²/BW)	(vii) 15-20° (dBW/m²/BW)	(viii) 20-25° (dBW/m²/BW)	(ix) 25-90° (dBW/m²/BW)	(x) Southeastern Region (dBW/m²/BW)	(xi) Northeastern Region (dBW/m²/BW)	(xii) Western Region (dBW/m²/BW)	(xiii) Other Region (dBW/m²/BW)	(xiv) Energy Dispersal Bandwidth (kHz)
		1 MHz	-138.6	-131.9	-122.5	-118	-118	-118					

a. Beam ID:	TX4	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	17300	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	17700	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	29.6
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-37.6	w. What information will be provided with the predicted antenna gain contours?:	
k. Maximum Transmit EIRP (dBW):	44.2		

y. Max. Power-Flux Densities													
			Angles of Arrival PFD						Geographic Region PFD				
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m²/BW)	(v) 2-5° (dBW/m²/BW)	(vi) 5-15° (dBW/m²/BW)	(vii) 15-20° (dBW/m²/BW)	(viii) 20-25° (dBW/m²/BW)	(ix) 25-90° (dBW/m²/BW)	(x) Southeastern Region (dBW/m²/BW)	(xi) Northeastern Region (dBW/m²/BW)	(xii) Western Region (dBW/m²/BW)	(xiii) Other Region (dBW/m²/BW)	(xiv) Energy Dispersal Bandwidth (kHz)
		1 MHz	-141.6	-134.9	-125.5	-115.6	-114.6	-109.2					

a. Beam ID:	TX46	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	18800	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	19300	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	32.6
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-34.6	w. What information will be provided with the predicted antenna gain contours?:	
k. Maximum Transmit EIRP (dBW):	47.2		

y. Max. Power-Flux Densities													
			Angles of Arrival PFD						Geographic Region PFD				
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m²/BW)	(v) 2-5° (dBW/m²/BW)	(vi) 5-15° (dBW/m²/BW)	(vii) 15-20° (dBW/m²/BW)	(viii) 20-25° (dBW/m²/BW)	(ix) 25-90° (dBW/m²/BW)	(x) Southeastern Region (dBW/m²/BW)	(xi) Northeastern Region (dBW/m²/BW)	(xii) Western Region (dBW/m²/BW)	(xiii) Other Region (dBW/m²/BW)	(xiv) Energy Dispersal Bandwidth (kHz)
		1 MHz	-138.6	-131.9	-122.5	-112.6	-111.6	-106.2					

a. Beam ID:	TX47	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
-------------	-------------	--	--

b. Beam Frequency (Lower Band Edge) (MHz):	19300	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	19700	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	32.6
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-34.6	w. What information will be provided with the predicted antenna gain contours?:	
k. Maximum Transmit EIRP (dBW):	47.2		

y. Max. Power-Flux Densities														
			Angles of Arrival PFD						Geographic Region PFD					
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m²/BW)	(v) 2-5° (dBW/m²/BW)	(vi) 5-15° (dBW/m²/BW)	(vii) 15-20° (dBW/m²/BW)	(viii) 20-25° (dBW/m²/BW)	(ix) 25-90° (dBW/m²/BW)	(x) Southeastern Region (dBW/m²/BW)	(xi) Northeastern Region (dBW/m²/BW)	(xii) Western Region (dBW/m²/BW)	(xiii) Other Region (dBW/m²/BW)	(xiv) Energy Dispersal Bandwidth (kHz)	
		1 MHz	-138.6	-131.9	-122.5	-112.6	-111.6	-106.2						

a. Beam ID:	TX48	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	19700	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	20200	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	32.6
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-34.6	w. What information will be provided with the predicted antenna gain contours?:	
k. Maximum Transmit EIRP (dBW):	47.2		

y. Max. Power-Flux Densities														
			Angles of Arrival PFD						Geographic Region PFD					
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m²/BW)	(v) 2-5° (dBW/m²/BW)	(vi) 5-15° (dBW/m²/BW)	(vii) 15-20° (dBW/m²/BW)	(viii) 20-25° (dBW/m²/BW)	(ix) 25-90° (dBW/m²/BW)	(x) Southeastern Region (dBW/m²/BW)	(xi) Northeastern Region (dBW/m²/BW)	(xii) Western Region (dBW/m²/BW)	(xiii) Other Region (dBW/m²/BW)	(xiv) Energy Dispersal Bandwidth (kHz)	
		1 MHz	-138.6	-131.9	-122.5	-112.6	-111.6	-106.2						

a. Beam ID:	TX49	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	37500	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	38000	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	32.6
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	

i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:											
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-35.8	w. What information will be provided with the predicted antenna gain contours?:											
k. Maximum Transmit EIRP (dBW):	47.2												
y. Max. Power-Flux Densities													
Angles of Arrival PFD													
Geographic Region PFD													
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m²/BW)	(v) 2-5° (dBW/m²/BW)	(vi) 5-15° (dBW/m²/BW)	(vii) 15-20° (dBW/m²/BW)	(viii) 20-25° (dBW/m²/BW)	(ix) 25-90° (dBW/m²/BW)	(x) Southeastern Region (dBW/m²/BW)	(xi) Northeastern Region (dBW/m²/BW)	(xii) Western Region (dBW/m²/BW)	(xiii) Other Region (dBW/m²/BW)	(xiv) Energy Dispersal Bandwidth (kHz)
		1 MHz	-139.9	-136.2	-126.7	-125	-120	-118					

a. Beam ID:	TX50	n. Beam Peak Flux Density at Command Threshold (dBW/m²):											
b. Beam Frequency (Lower Band Edge) (MHz):	38000	o. Peak Isotropic Antenna Gain (dBi):	35.6										
c. Beam Frequency (Upper Band Edge) (MHz):	39500	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	32.6										
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5										
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):											
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:											
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:											
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:											
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:											
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-35.8	w. What information will be provided with the predicted antenna gain contours?:											
k. Maximum Transmit EIRP (dBW):	47.2												
y. Max. Power-Flux Densities													
Angles of Arrival PFD			Geographic Region PFD										
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m²/BW)	(v) 2-5° (dBW/m²/BW)	(vi) 5-15° (dBW/m²/BW)	(vii) 15-20° (dBW/m²/BW)	(viii) 20-25° (dBW/m²/BW)	(ix) 25-90° (dBW/m²/BW)	(x) Southeastern Region (dBW/m²/BW)	(xi) Northeastern Region (dBW/m²/BW)	(xii) Western Region (dBW/m²/BW)	(xiii) Other Region (dBW/m²/BW)	(xiv) Energy Dispersal Bandwidth (kHz)
		1 MHz	-139.9	-136.2	-126.7	-125	-120	-118					

a. Beam ID:	TX51	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	39500	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	40000	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	32.6
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-35.8	w. What information will be provided with the predicted antenna gain contours?:	
k. Maximum Transmit EIRP (dBW):	47.2		
y. Max. Power-Flux Densities			
Angles of Arrival PFD			Geographic Region PFD
(i) Beam Sub-Frequency	(ii) Beam Sub-Frequency	(iii) Reference Bandwidth	(iv) 0-2° (dBW/m²/BW)
			(v) 2-5° (dBW/m²/BW)
			(vi) 5-15° (dBW/m²/BW)
			(vii) 15-20° (dBW/m²/BW)
			(viii) 20-25° (dBW/m²/BW)
			(ix) 25-90° (dBW/m²/BW)
			(x) Southeastern
			(xi) Northeastern
			(xii) Western Region
			(xiii) Other Region
			(xiv) Energy Dispersal

(Lower Band Edge) (MHz)	(Upper Band Edge) (MHz)	(BW)							Region (dBW/m ² /BW)	Region (dBW/m ² /BW)	(dBW/m ² /BW)	(dBW/m ² /BW)	Bandwidth (kHz)
		1 MHz	-139.9	-136.2	-126.7	-125	-120	-118					

a. Beam ID:	TX52	n. Beam Peak Flux Density at Command Threshold (dBW/m ²):	
b. Beam Frequency (Lower Band Edge) (MHz):	40000	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	40500	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	32.6
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-35.8	w. What information will be provided with the predicted antenna gain contours?:	
k. Maximum Transmit EIRP (dBW):	47.2		

y. Max. Power-Flux Densities													
			Angles of Arrival PFD						Geographic Region PFD				
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m ² /BW)	(v) 2-5° (dBW/m ² /BW)	(vi) 5-15° (dBW/m ² /BW)	(vii) 15-20° (dBW/m ² /BW)	(viii) 20-25° (dBW/m ² /BW)	(ix) 25-90° (dBW/m ² /BW)	(x) Southeastern Region (dBW/m ² /BW)	(xi) Northeastern Region (dBW/m ² /BW)	(xii) Western Region (dBW/m ² /BW)	(xiii) Other Region (dBW/m ² /BW)	(xiv) Energy Dispersal Bandwidth (kHz)
		1 MHz	-139.9	-133.2	-123.7	-113.8	-112.9	-110					

a. Beam ID:	TX53	n. Beam Peak Flux Density at Command Threshold (dBW/m ²):	
b. Beam Frequency (Lower Band Edge) (MHz):	40500	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	41000	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	32.6
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-35.8	w. What information will be provided with the predicted antenna gain contours?:	
k. Maximum Transmit EIRP (dBW):	47.2		

y. Max. Power-Flux Densities													
			Angles of Arrival PFD						Geographic Region PFD				
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m ² /BW)	(v) 2-5° (dBW/m ² /BW)	(vi) 5-15° (dBW/m ² /BW)	(vii) 15-20° (dBW/m ² /BW)	(viii) 20-25° (dBW/m ² /BW)	(ix) 25-90° (dBW/m ² /BW)	(x) Southeastern Region (dBW/m ² /BW)	(xi) Northeastern Region (dBW/m ² /BW)	(xii) Western Region (dBW/m ² /BW)	(xiii) Other Region (dBW/m ² /BW)	(xiv) Energy Dispersal Bandwidth (kHz)
		1 MHz	-139.9	-133.2	-123.7	-113.8	-112.9	-110					

a. Beam ID:	TX54	n. Beam Peak Flux Density at Command Threshold (dBW/m ²):	
b. Beam Frequency (Lower Band Edge) (MHz):	41000	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	42000	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	32.6

d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-35.8	w. What information will be provided with the predicted antenna gain contours?:	
k. Maximum Transmit EIRP (dBW):	47.2		

y. Max. Power-Flux Densities														
			Angles of Arrival PFD						Geographic Region PFD					
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m²/BW)	(v) 2-5° (dBW/m²/BW)	(vi) 5-15° (dBW/m²/BW)	(vii) 15-20° (dBW/m²/BW)	(viii) 20-25° (dBW/m²/BW)	(ix) 25-90° (dBW/m²/BW)	(x) Southeastern Region (dBW/m²/BW)	(xi) Northeastern Region (dBW/m²/BW)	(xii) Western Region (dBW/m²/BW)	(xiii) Other Region (dBW/m²/BW)	(xiv) Energy Dispersal Bandwidth (kHz)	
		1 MHz	-139.9	-133.2	-123.7	-113.8	-112.9	-110						

a. Beam ID:	TX55	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	10700	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	11700	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	32.6
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-41.4	w. What information will be provided with the predicted antenna gain contours?:	
k. Maximum Transmit EIRP (dBW):	38.6		

y. Max. Power-Flux Densities														
			Angles of Arrival PFD						Geographic Region PFD					
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m²/BW)	(v) 2-5° (dBW/m²/BW)	(vi) 5-15° (dBW/m²/BW)	(vii) 15-20° (dBW/m²/BW)	(viii) 20-25° (dBW/m²/BW)	(ix) 25-90° (dBW/m²/BW)	(x) Southeastern Region (dBW/m²/BW)	(xi) Northeastern Region (dBW/m²/BW)	(xii) Western Region (dBW/m²/BW)	(xiii) Other Region (dBW/m²/BW)	(xiv) Energy Dispersal Bandwidth (kHz)	
		4 kHz	-169.4	-162.7	-153.3	-143.4	-142.4	-137						

a. Beam ID:	TX56	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	11700	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	12200	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	32.6
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-41.4	w. What information will be provided with the predicted antenna gain contours?:	

k. Maximum Transmit EIRP (dBW):					38.6									
y. Max. Power-Flux Densities														
			Angles of Arrival PFD						Geographic Region PFD					
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m²/BW)	(v) 2-5° (dBW/m²/BW)	(vi) 5-15° (dBW/m²/BW)	(vii) 15-20° (dBW/m²/BW)	(viii) 20-25° (dBW/m²/BW)	(ix) 25-90° (dBW/m²/BW)	(x) Southeastern Region (dBW/m²/BW)	(xi) Northeastern Region (dBW/m²/BW)	(xii) Western Region (dBW/m²/BW)	(xiii) Other Region (dBW/m²/BW)	(xiv) Energy Dispersal Bandwidth (kHz)	
		4 kHz	-169.4	-162.7	-153.3	-143.4	-142.4	-137						

a. Beam ID:	TX58	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	17300	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	17700	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	32.6
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-34.6	w. What information will be provided with the predicted antenna gain contours?:	
k. Maximum Transmit EIRP (dBW):	47.2		

y. Max. Power-Flux Densities														
			Angles of Arrival PFD							Geographic Region PFD				
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m²/BW)	(v) 2-5° (dBW/m²/BW)	(vi) 5-15° (dBW/m²/BW)	(vii) 15-20° (dBW/m²/BW)	(viii) 20-25° (dBW/m²/BW)	(ix) 25-90° (dBW/m²/BW)	(x) Southeastern Region (dBW/m²/BW)	(xi) Northeastern Region (dBW/m²/BW)	(xii) Western Region (dBW/m²/BW)	(xiii) Other Region (dBW/m²/BW)	(xiv) Energy Dispersal Bandwidth (kHz)	
		1 MHz	-138.6	-131.9	-122.5	-112.6	-111.6	-106.2						

a. Beam ID:	TX59	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	17700	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	17800	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	32.6
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-34.6	w. What information will be provided with the predicted antenna gain contours?:	
k. Maximum Transmit EIRP (dBW):	47.2		

y. Max. Power-Flux Densities														
			Angles of Arrival PFD							Geographic Region PFD				
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m²/BW)	(v) 2-5° (dBW/m²/BW)	(vi) 5-15° (dBW/m²/BW)	(vii) 15-20° (dBW/m²/BW)	(viii) 20-25° (dBW/m²/BW)	(ix) 25-90° (dBW/m²/BW)	(x) Southeastern Region (dBW/m²/BW)	(xi) Northeastern Region (dBW/m²/BW)	(xii) Western Region (dBW/m²/BW)	(xiii) Other Region (dBW/m²/BW)	(xiv) Energy Dispersal Bandwidth (kHz)	

		1 MHz	-138.6	-131.9	-122.5	-112.6	-111.6	-106.2					
--	--	-------	--------	--------	--------	--------	--------	--------	--	--	--	--	--

a. Beam ID:	TX61	n. Beam Peak Flux Density at Command Threshold (dBW/m ²):	
b. Beam Frequency (Lower Band Edge) (MHz):	18142	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	18300	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	32.6
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	No	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-37.1	w. What information will be provided with the predicted antenna gain contours?:	
k. Maximum Transmit EIRP (dBW):	44.6		

y. Max. Power-Flux Densities													
			Angles of Arrival PFD						Geographic Region PFD				
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m ² /BW)	(v) 2-5° (dBW/m ² /BW)	(vi) 5-15° (dBW/m ² /BW)	(vii) 15-20° (dBW/m ² /BW)	(viii) 20-25° (dBW/m ² /BW)	(ix) 25-90° (dBW/m ² /BW)	(x) Southeastern Region (dBW/m ² /BW)	(xi) Northeastern Region (dBW/m ² /BW)	(xii) Western Region (dBW/m ² /BW)	(xiii) Other Region (dBW/m ² /BW)	(xiv) Energy Dispersal Bandwidth (kHz)
		1 MHz	-141.2	-134.5	-125	-115.2	-114.2	-108.7					

a. Beam ID:	TX62	n. Beam Peak Flux Density at Command Threshold (dBW/m ²):	
b. Beam Frequency (Lower Band Edge) (MHz):	18300	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	18600	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	32.6
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-34.6	w. What information will be provided with the predicted antenna gain contours?:	
k. Maximum Transmit EIRP (dBW):	47.2		

y. Max. Power-Flux Densities													
			Angles of Arrival PFD						Geographic Region PFD				
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m ² /BW)	(v) 2-5° (dBW/m ² /BW)	(vi) 5-15° (dBW/m ² /BW)	(vii) 15-20° (dBW/m ² /BW)	(viii) 20-25° (dBW/m ² /BW)	(ix) 25-90° (dBW/m ² /BW)	(x) Southeastern Region (dBW/m ² /BW)	(xi) Northeastern Region (dBW/m ² /BW)	(xii) Western Region (dBW/m ² /BW)	(xiii) Other Region (dBW/m ² /BW)	(xiv) Energy Dispersal Bandwidth (kHz)
		1 MHz	-138.6	-131.9	-122.5	-112.6	-111.6	-106.2					

a. Beam ID:	TX63	n. Beam Peak Flux Density at Command Threshold (dBW/m ²):	
b. Beam Frequency (Lower Band Edge) (MHz):	18600	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	18800	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	32.6
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	

f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-34.6	w. What information will be provided with the predicted antenna gain contours?:
k. Maximum Transmit EIRP (dBW):	47.2	

y. Max. Power-Flux Densities														
			Angles of Arrival PFD						Geographic Region PFD					
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m²/BW)	(v) 2-5° (dBW/m²/BW)	(vi) 5-15° (dBW/m²/BW)	(vii) 15-20° (dBW/m²/BW)	(viii) 20-25° (dBW/m²/BW)	(ix) 25-90° (dBW/m²/BW)	(x) Southeastern Region (dBW/m²/BW)	(xi) Northeastern Region (dBW/m²/BW)	(xii) Western Region (dBW/m²/BW)	(xiii) Other Region (dBW/m²/BW)	(xiv) Energy Dispersal Bandwidth (kHz)	
		1 MHz	-138.6	-131.9	-122.5	-118	-118	-118						

a. Beam ID:	TX64	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	18800	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	19300	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	32.6
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-34.6	w. What information will be provided with the predicted antenna gain contours?:	
k. Maximum Transmit EIRP (dBW):	47.2		

y. Max. Power-Flux Densities														
			Angles of Arrival PFD						Geographic Region PFD					
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m²/BW)	(v) 2-5° (dBW/m²/BW)	(vi) 5-15° (dBW/m²/BW)	(vii) 15-20° (dBW/m²/BW)	(viii) 20-25° (dBW/m²/BW)	(ix) 25-90° (dBW/m²/BW)	(x) Southeastern Region (dBW/m²/BW)	(xi) Northeastern Region (dBW/m²/BW)	(xii) Western Region (dBW/m²/BW)	(xiii) Other Region (dBW/m²/BW)	(xiv) Energy Dispersal Bandwidth (kHz)	
		1 MHz	-138.6	-131.9	-122.5	-112.6	-111.6	-106.2						

a. Beam ID:	TX65	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	19300	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	19700	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	32.6
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-34.6	w. What information will be provided with the predicted antenna gain contours?:	
k. Maximum Transmit EIRP (dBW):	47.2		

y. Max. Power-Flux Densities													
			Angles of Arrival PFD						Geographic Region PFD				
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m²/BW)	(v) 2-5° (dBW/m²/BW)	(vi) 5-15° (dBW/m²/BW)	(vii) 15-20° (dBW/m²/BW)	(viii) 20-25° (dBW/m²/BW)	(ix) 25-90° (dBW/m²/BW)	(x) Southeastern Region (dBW/m²/BW)	(xi) Northeastern Region (dBW/m²/BW)	(xii) Western Region (dBW/m²/BW)	(xiii) Other Region (dBW/m²/BW)	(xiv) Energy Dispersal Bandwidth (kHz)
		1 MHz	-138.6	-131.9	-122.5	-112.6	-111.6	-106.2					

a. Beam ID:	TX66	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	19700	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	20200	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	32.6
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-34.6	w. What information will be provided with the predicted antenna gain contours?:	
k. Maximum Transmit EIRP (dBW):	47.2		

y. Max. Power-Flux Densities													
			Angles of Arrival PFD						Geographic Region PFD				
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m²/BW)	(v) 2-5° (dBW/m²/BW)	(vi) 5-15° (dBW/m²/BW)	(vii) 15-20° (dBW/m²/BW)	(viii) 20-25° (dBW/m²/BW)	(ix) 25-90° (dBW/m²/BW)	(x) Southeastern Region (dBW/m²/BW)	(xi) Northeastern Region (dBW/m²/BW)	(xii) Western Region (dBW/m²/BW)	(xiii) Other Region (dBW/m²/BW)	(xiv) Energy Dispersal Bandwidth (kHz)
		1 MHz	-138.6	-131.9	-122.5	-112.6	-111.6	-106.2					

a. Beam ID:	TX67	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	37500	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	38000	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	32.6
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-35.8	w. What information will be provided with the predicted antenna gain contours?:	
k. Maximum Transmit EIRP (dBW):	47.2		

y. Max. Power-Flux Densities													
			Angles of Arrival PFD						Geographic Region PFD				
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m²/BW)	(v) 2-5° (dBW/m²/BW)	(vi) 5-15° (dBW/m²/BW)	(vii) 15-20° (dBW/m²/BW)	(viii) 20-25° (dBW/m²/BW)	(ix) 25-90° (dBW/m²/BW)	(x) Southeastern Region (dBW/m²/BW)	(xi) Northeastern Region (dBW/m²/BW)	(xii) Western Region (dBW/m²/BW)	(xiii) Other Region (dBW/m²/BW)	(xiv) Energy Dispersal Bandwidth (kHz)
		1 MHz	-139.9	-136.2	-126.7	-125	-120	-118					

a. Beam ID:	TX69	n. Beam Peak Flux Density at Command Threshold (dBW/m ²):	
b. Beam Frequency (Lower Band Edge) (MHz):	39500	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	40000	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	32.6
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-35.8	w. What information will be provided with the predicted antenna gain contours?:	
k. Maximum Transmit EIRP (dBW):	47.2		

y. Max. Power-Flux Densities													
			Angles of Arrival PFD						Geographic Region PFD				
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m²/BW)	(v) 2-5° (dBW/m²/BW)	(vi) 5-15° (dBW/m²/BW)	(vii) 15-20° (dBW/m²/BW)	(viii) 20-25° (dBW/m²/BW)	(ix) 25-90° (dBW/m²/BW)	(x) Southeastern Region (dBW/m²/BW)	(xi) Northeastern Region (dBW/m²/BW)	(xii) Western Region (dBW/m²/BW)	(xiii) Other Region (dBW/m²/BW)	(xiv) Energy Dispersal Bandwidth (kHz)
		1 MHz	-139.9	-136.2	-126.7	-125	-120	-118					

a. Beam ID:	TX68	n. Beam Peak Flux Density at Command Threshold (dBW/m ²):	
b. Beam Frequency (Lower Band Edge) (MHz):	38000	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	39500	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	32.6
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-35.8	w. What information will be provided with the predicted antenna gain contours?:	
k. Maximum Transmit EIRP (dBW):	47.2		

y. Max. Power-Flux Densities													
			Angles of Arrival PFD						Geographic Region PFD				
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m²/BW)	(v) 2-5° (dBW/m²/BW)	(vi) 5-15° (dBW/m²/BW)	(vii) 15-20° (dBW/m²/BW)	(viii) 20-25° (dBW/m²/BW)	(ix) 25-90° (dBW/m²/BW)	(x) Southeastern Region (dBW/m²/BW)	(xi) Northeastern Region (dBW/m²/BW)	(xii) Western Region (dBW/m²/BW)	(xiii) Other Region (dBW/m²/BW)	(xiv) Energy Dispersal Bandwidth (kHz)
		1 MHz	-139.9	-136.2	-126.7	-125	-120	-118					

a. Beam ID:	TX70	n. Beam Peak Flux Density at Command Threshold (dBW/m ²):	
b. Beam Frequency (Lower Band Edge) (MHz):	40000	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	40500	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	32.6
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	

h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-35.8	w. What information will be provided with the predicted antenna gain contours?:
k. Maximum Transmit EIRP (dBW):	47.2	

y. Max. Power-Flux Densities													
			Angles of Arrival PFD						Geographic Region PFD				
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m²/BW)	(v) 2-5° (dBW/m²/BW)	(vi) 5-15° (dBW/m²/BW)	(vii) 15-20° (dBW/m²/BW)	(viii) 20-25° (dBW/m²/BW)	(ix) 25-90° (dBW/m²/BW)	(x) Southeastern Region (dBW/m²/BW)	(xi) Northeastern Region (dBW/m²/BW)	(xii) Western Region (dBW/m²/BW)	(xiii) Other Region (dBW/m²/BW)	(xiv) Energy Dispersal Bandwidth (kHz)
		1 MHz	-139.9	-133.2	-123.7	-113.8	-112.9	-110					

a. Beam ID:	TX71	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	40500	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	41000	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	32.6
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-35.8	w. What information will be provided with the predicted antenna gain contours?:	
k. Maximum Transmit EIRP (dBW):	47.2		

y. Max. Power-Flux Densities													
			Angles of Arrival PFD						Geographic Region PFD				
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m²/BW)	(v) 2-5° (dBW/m²/BW)	(vi) 5-15° (dBW/m²/BW)	(vii) 15-20° (dBW/m²/BW)	(viii) 20-25° (dBW/m²/BW)	(ix) 25-90° (dBW/m²/BW)	(x) Southeastern Region (dBW/m²/BW)	(xi) Northeastern Region (dBW/m²/BW)	(xii) Western Region (dBW/m²/BW)	(xiii) Other Region (dBW/m²/BW)	(xiv) Energy Dispersal Bandwidth (kHz)
		1 MHz	-139.9	-133.2	-123.7	-113.8	-112.9	-110					

a. Beam ID:	TX72	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	41000	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	42000	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	32.6
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-35.8	w. What information will be provided with the predicted antenna gain contours?:	
k. Maximum Transmit EIRP (dBW):	47.2		

y. Max. Power-Flux Densities													
			Angles of Arrival PFD						Geographic Region PFD				

(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m²/BW)	(v) 2-5° (dBW/m²/BW)	(vi) 5-15° (dBW/m²/BW)	(vii) 15-20° (dBW/m²/BW)	(viii) 20-25° (dBW/m²/BW)	(ix) 25-90° (dBW/m²/BW)	(x) Southeastern Region (dBW/m²/BW)	(xi) Northeastern Region (dBW/m²/BW)	(xii) Western Region (dBW/m²/BW)	(xiii) Other Region (dBW/m²/BW)	(xiv) Energy Dispersal Bandwidth (kHz)
		1 MHz	-139.9	-133.2	-123.7	-113.8	-112.9	-110					

a. Beam ID:	TX73	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	20100	o. Peak Isotropic Antenna Gain (dBi):	5
c. Beam Frequency (Upper Band Edge) (MHz):	20200	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	2
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	No	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	No	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-53.4	w. What information will be provided with the predicted antenna gain contours?:	
k. Maximum Transmit EIRP (dBW):	16.6		

y. Max. Power-Flux Densities													
			Angles of Arrival PFD						Geographic Region PFD				
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m²/BW)	(v) 2-5° (dBW/m²/BW)	(vi) 5-15° (dBW/m²/BW)	(vii) 15-20° (dBW/m²/BW)	(viii) 20-25° (dBW/m²/BW)	(ix) 25-90° (dBW/m²/BW)	(x) Southeastern Region (dBW/m²/BW)	(xi) Northeastern Region (dBW/m²/BW)	(xii) Western Region (dBW/m²/BW)	(xiii) Other Region (dBW/m²/BW)	(xiv) Energy Dispersal Bandwidth (kHz)
		1 MHz	-150.2	-145.5	-138.4	-131.4	-130.5	-125					

a. Beam ID:	TX74	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	20100	o. Peak Isotropic Antenna Gain (dBi):	5
c. Beam Frequency (Upper Band Edge) (MHz):	20200	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	2
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	No	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-53.4	w. What information will be provided with the predicted antenna gain contours?:	
k. Maximum Transmit EIRP (dBW):	16.6		

y. Max. Power-Flux Densities													
			Angles of Arrival PFD						Geographic Region PFD				
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m²/BW)	(v) 2-5° (dBW/m²/BW)	(vi) 5-15° (dBW/m²/BW)	(vii) 15-20° (dBW/m²/BW)	(viii) 20-25° (dBW/m²/BW)	(ix) 25-90° (dBW/m²/BW)	(x) Southeastern Region (dBW/m²/BW)	(xi) Northeastern Region (dBW/m²/BW)	(xii) Western Region (dBW/m²/BW)	(xiii) Other Region (dBW/m²/BW)	(xiv) Energy Dispersal Bandwidth (kHz)
		1 MHz	-150.2	-145.5	-138.4	-131.4	-130.5	-125					

a. Beam ID:	TX75	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
-------------	-------------	--	--

b. Beam Frequency (Lower Band Edge) (MHz):	42000	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	42500	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	29.6
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-25.8	w. What information will be provided with the predicted antenna gain contours?:	
k. Maximum Transmit EIRP (dBW):	44.2		

y. Max. Power-Flux Densities													
			Angles of Arrival PFD						Geographic Region PFD				
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m²/BW)	(v) 2-5° (dBW/m²/BW)	(vi) 5-15° (dBW/m²/BW)	(vii) 15-20° (dBW/m²/BW)	(viii) 20-25° (dBW/m²/BW)	(ix) 25-90° (dBW/m²/BW)	(x) Southeastern Region (dBW/m²/BW)	(xi) Northeastern Region (dBW/m²/BW)	(xii) Western Region (dBW/m²/BW)	(xiii) Other Region (dBW/m²/BW)	(xiv) Energy Dispersal Bandwidth (kHz)
		1 MHz	-108	-107.3	-104.9	-103.8	-102.9	-110					

a. Beam ID:	TX76	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	42000	o. Peak Isotropic Antenna Gain (dBi):	32.6
c. Beam Frequency (Upper Band Edge) (MHz):	42500	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	29.6
d. Polarization:	LHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	
i. Is the beam fed into transponders? (Check box if Yes):	No	v. Are all space stations in the NGSO constellation identical?:	
j. Maximum Transmit EIRP Density (dBW/Ref BW):	-25.8	w. What information will be provided with the predicted antenna gain contours?:	
k. Maximum Transmit EIRP (dBW):	44.2		

y. Max. Power-Flux Densities													
			Angles of Arrival PFD						Geographic Region PFD				
(i) Beam Sub-Frequency (Lower Band Edge) (MHz)	(ii) Beam Sub-Frequency (Upper Band Edge) (MHz)	(iii) Reference Bandwidth (BW)	(iv) 0-2° (dBW/m²/BW)	(v) 2-5° (dBW/m²/BW)	(vi) 5-15° (dBW/m²/BW)	(vii) 15-20° (dBW/m²/BW)	(viii) 20-25° (dBW/m²/BW)	(ix) 25-90° (dBW/m²/BW)	(x) Southeastern Region (dBW/m²/BW)	(xi) Northeastern Region (dBW/m²/BW)	(xii) Western Region (dBW/m²/BW)	(xiii) Other Region (dBW/m²/BW)	(xiv) Energy Dispersal Bandwidth (kHz)
		1 MHz	-108	-107.3	-104.9	-103.8	-102.9	-110					

a. Beam ID:	TX77	n. Beam Peak Flux Density at Command Threshold (dBW/m²):	
b. Beam Frequency (Lower Band Edge) (MHz):	42000	o. Peak Isotropic Antenna Gain (dBi):	35.6
c. Beam Frequency (Upper Band Edge) (MHz):	42500	p. Isotropic Antenna Gain at 3 dB Beamwidth (dBi):	32.6
d. Polarization:	RHCP	q. Antenna Pointing Error (°):	0.5
e. Can the space station vary the channel bandwidth with on-board processing?:	Yes	r. Antenna Rotational Error (°):	
f. Is this a command beam? (Check box if Yes):	No	s. Will a GIMS container file containing all antenna contour data be provided?:	
g. Is the beam shapeable? (Check box if Yes):	Yes	t. Under what rules will the associated antenna contours be submitted?:	
h. Is the beam steerable? (Check box if Yes):	Yes	u. Provide a list of each orbital plane in which this antenna beam is used.:	

(Lower Band Edge) (MHz)	(Upper Band Edge) (MHz)	(BW)							Region (dBW/m²/BW)	Region (dBW/m²/BW)	(dBW/m²/BW)	(dBW/m²/BW)	Bandwidth (kHz)
		4 kHz	-160.8	-154.1	-144.7	-134.8	-133.8	-128.4					

S6. Space-to-Space (Receive) Beams

S7. Space-to-Space (Transmit) Beams

S8. Attachments

Beam ID	Direction of Transmission	(i) Document Type	(ii) If Document Type is "Other", provide short description	(iii) File Name
RX1A	Earth-to-Space (Receive)	Receive Antenna Gain Contour Diagram		rx_contours_5.png
RX1B	Earth-to-Space (Receive)	Receive Antenna Gain Contour Diagram		rx_contours_32.6.png
RX31	Earth-to-Space (Receive)	Receive Antenna Gain Contour Diagram		rx_contours_35.6.png
TX1	Space-to-Earth (Transmit)	Transmit Antenna Gain Contour Diagram		tx_contours_32.6.png
TX37	Space-to-Earth (Transmit)	Transmit Antenna Gain Contour Diagram		tx_contours_35.6.png
TX73	Space-to-Earth (Transmit)	Transmit Antenna Gain Contour Diagram		tx_contours_5.png