

Satellite frequencies in Japan

Network	BS	CS 110°E
Base sat. freq.	11.72748 GHz	12.27100 GHz
Channel width	19.18 MHz	20.00 MHz
Range width	34.50 MHz	34.50 MHz

Polarity	Right	Left
Local osc. freq.	10.67800 GHz	9.50500 GHz

BS broadcasting

Right circular polarity				Left circular polarity			
Channel	Satellite freq.	Intermediate freq.	Frequency range	Channel	Satellite freq.	Intermediate freq.	Frequency range
BS-1	11.72748 GHz	1049.48 MHz	1032.23 - 1066.73 MHz	BS-2	11.74666 GHz	2241.66 MHz	2224.41 - 2258.91 MHz
BS-3	11.76584 GHz	1087.84 MHz	1070.59 - 1105.09 MHz	BS-4	11.78502 GHz	2280.02 MHz	2262.77 - 2297.27 MHz
BS-5	11.80420 GHz	1126.20 MHz	1108.95 - 1143.45 MHz	BS-6	11.82338 GHz	2318.38 MHz	2301.13 - 2335.63 MHz
BS-7	11.84256 GHz	1164.56 MHz	1147.31 - 1181.81 MHz	BS-8	11.86174 GHz	2356.74 MHz	2339.49 - 2373.99 MHz
BS-9	11.88092 GHz	1202.92 MHz	1185.67 - 1220.17 MHz	BS-10	11.90010 GHz	2395.10 MHz	2377.85 - 2412.35 MHz
BS-11	11.91928 GHz	1241.28 MHz	1224.03 - 1258.53 MHz	BS-12	11.93846 GHz	2433.46 MHz	2416.21 - 2450.71 MHz
BS-13	11.95764 GHz	1279.64 MHz	1262.39 - 1296.89 MHz	BS-14	11.97682 GHz	2471.82 MHz	2454.57 - 2489.07 MHz
BS-15	11.99600 GHz	1318.00 MHz	1300.75 - 1335.25 MHz	BS-16	12.01518 GHz	2510.18 MHz	2492.93 - 2527.43 MHz
BS-17	12.03436 GHz	1356.36 MHz	1339.11 - 1373.61 MHz	BS-18	12.05354 GHz	2548.54 MHz	2531.29 - 2565.79 MHz
BS-19	12.07272 GHz	1394.72 MHz	1377.47 - 1411.97 MHz	BS-20	12.09190 GHz	2586.90 MHz	2569.65 - 2604.15 MHz
BS-21	12.11108 GHz	1433.08 MHz	1415.83 - 1450.33 MHz	BS-22	12.13026 GHz	2625.26 MHz	2608.01 - 2642.51 MHz
BS-23	12.14944 GHz	1471.44 MHz	1454.19 - 1488.69 MHz	BS-24	12.16862 GHz	2663.62 MHz	2646.37 - 2680.87 MHz

CS 110°E broadcasting

Right circular polarity				Left circular polarity			
Channel	Satellite freq.	Intermediate freq.	Frequency range	Channel	Satellite freq.	Intermediate freq.	Frequency range
ND-2	12.29100 GHz	1613.00 MHz	1595.75 - 1630.25 MHz	ND-1	12.27100 GHz	2766.00 MHz	2748.75 - 2783.25 MHz
ND-4	12.33100 GHz	1653.00 MHz	1635.75 - 1670.25 MHz	ND-3	12.31100 GHz	2806.00 MHz	2788.75 - 2823.25 MHz
ND-6	12.37100 GHz	1693.00 MHz	1675.75 - 1710.25 MHz	ND-5	12.35100 GHz	2846.00 MHz	2828.75 - 2863.25 MHz
ND-8	12.41100 GHz	1733.00 MHz	1715.75 - 1750.25 MHz	ND-7	12.39100 GHz	2886.00 MHz	2868.75 - 2903.25 MHz
ND-10	12.45100 GHz	1773.00 MHz	1755.75 - 1790.25 MHz	ND-9	12.43100 GHz	2926.00 MHz	2908.75 - 2943.25 MHz
ND-12	12.49100 GHz	1813.00 MHz	1795.75 - 1830.25 MHz	ND-11	12.47100 GHz	2966.00 MHz	2948.75 - 2983.25 MHz
ND-14	12.53100 GHz	1853.00 MHz	1835.75 - 1870.25 MHz	ND-13	12.51100 GHz	3006.00 MHz	2988.75 - 3023.25 MHz
ND-16	12.57100 GHz	1893.00 MHz	1875.75 - 1910.25 MHz	ND-15	12.55100 GHz	3046.00 MHz	3028.75 - 3063.25 MHz
ND-18	12.61100 GHz	1933.00 MHz	1915.75 - 1950.25 MHz	ND-17	12.59100 GHz	3086.00 MHz	3068.75 - 3103.25 MHz
ND-20	12.65100 GHz	1973.00 MHz	1955.75 - 1990.25 MHz	ND-19	12.63100 GHz	3126.00 MHz	3108.75 - 3143.25 MHz
ND-22	12.69100 GHz	2013.00 MHz	1995.75 - 2030.25 MHz	ND-21	12.67100 GHz	3166.00 MHz	3148.75 - 3183.25 MHz
ND-24	12.73100 GHz	2053.00 MHz	2035.75 - 2070.25 MHz	ND-23	12.71100 GHz	3206.00 MHz	3188.75 - 3223.25 MHz