

I have updated all the maps to provide more "realistic" dish size recommendation based on EIRP level:

C-band

Ku-band

EIRP

Recommended antenna size

EIRP

Recommended antenna size

cm

in

cm

in

47

60

23.6

64

22

8.7

46

70

27.6

63

24

9.4

45

80

31.5

62

26

10.2

44

90

35.4

61

28

11.0

43

100

39.4

60

30

11.8

42

110

43.3

59

32

12.6

41

130

51.2

58

34

13.4

40

150

59.1

57

36

14.2

39

170

66.9

56

38

15.0

38

190

74.8

55

40

15.7

37

210

82.7

54

45

17.7

36

230

90.6

53

48

18.9

35

250



98.4

52

50

19.7

34

270

106.3

51

55

21.7

33

290

114.2

50

60

23.6

32

310

122.0

49

65

25.6

31

330

129.9

48

70

27.6

30

350

137.8

47

75

29.5

29

370

145.7

46

80

31.5

28

390

153.5

45

85

33.5

27

410

161.4

44

90

35.4

26

450

177.2

43

100

39.4

25

625

246.1

42

110

43.3

24

710

279.5

41

120

47.2

20

1000

393.7

40

130

51.2

39

135

53.1

38

150

59.1

37



180

70.9

36

240

94.5

35

300

118.1

*The values shown in the tables assume having an LNB with noise figure of 20 °K and 0.7dB respectively*