

Source Name	Band	Flux (Jy)	Config			
			A	B	C	D
3C48 = 0137+331	P	42.00	S	S	S	S
(warn observer about flare)	L	16.50	X	P	P	P
	C	5.48	X	S	P	P
	X	3.25	X	X	S	P
	Ku	1.78	X	X	S	P
	K	1.13	X	X	X	S
	Q	0.64	X	X	X	S
	Band	Flux	A	B	C	D
3C286 = 1331+305	P	26.00	S	S	S	S
	L	15.00	S	S	P	P
	C	7.47	S	S	S	P
	X	5.23	S	P	P	P
	Ku	3.40	S	S	S	S
	K	2.59	X	S	S	P
	Q	1.45	X	S	P	P
	Band	Flux	A	B	C	D
3C147 = 0542+498	P	52.30	S	S	S	S
	L	22.50	X	S	P	P
	C	7.94	X	X	S	P
	X	4.84	X	X	S	P
	Ku	2.78	X	X	X	S
	Q	0.91	X	?	?	?
	Band	Flux	A	B	C	D
3C138 = 0521+166	P	17.50	S	S	S	S
(slightly variable)	L	8.47	X	S	P	P
	C	3.78	X	X	S	P
	X	2.25	X	X	S	S
	Ku	1.56	X	X	X	S
	Q	0.40	X	X	?	?
	Band	Flux	A	B	C	D
3C295 = 1411+522	P	59.90	X	X	S	S
(No flux density scale model in pipeline)	L	22.80	X	X	X	P
	C	6.50	X	X	X	X

Band	Frequency	Wind (m/s)	APL (d)	gain-slew-target-slew cycle times per config in min			
				A	B	C	D
P (90cm)	303 - 342 MHz	any	any	30			
L (20cm)	1 - 2 GHz	any	any	15			
S (10cm)	2 - 4 GHz	any	60				
C (6cm)	4 - 8 GHz	any	45	8	10		
X (3.7cm)	8 - 12 GHz	15	30				
Ku (2cm)	12 - 18 GHz	10	15	6	7	8	
K (1.3cm)	18 - 26.5 GHz	7	10	4	5	6	
Ka (1cm)	26 - 40 GHz	6	7	3	4	5	6
Q (7mm)	40 - 50 GHz	5	5	2	3	4	5

Structure Code:

P	< 3% amplitude closure errors expected
S	3-10% closure error expected
W	may be suitable for phase calibration only
C	confused
X	Do not use. Too much resolution or too weak.
?	unknown structure

Slew Rates & Limits:

EL = 20° /min

EL hard limit = 8°

AZ = 40° /min

Wind stow = 18 m/s (40 mph)

Default starting positions in the OPT:

AZ = 225°

EL = 35°

Satellite-free Zones:

250° < AZ < 330° and EL > 30°

45° < AZ < 90° and EL < 60°

Clarke Belt (zone of geosynchronous satellites):

avoid declination range of -15° to +5°

(C, X, Ku-bands are subject to strong RFI in this zone)

Default Correlator Integration Times		
Config	Band	T int (sec)
A, B, C, D	P	2
A	L S C X Ku K Ka Q	2
B	L S C X Ku K Ka Q	3
C, D	X Ku K Ka Q	3
C, D	L S C	5