

0000Z	Prefix	80M		40M		30M		20M		17M		15M		12M		10M	
		S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA
	4U1U	5.5	4.3	5	4.7	< 1	8.5	< 1	8.5	< 1	8.5	< 1	8.5	< 1	8.5	< 1	8.5
	W6	< 1	5.1	< 1	5.1	< 1	3.0	< 1	9.5	< 1	9.5	< 1	9.5	< 1	9.5	< 1	9.5
	KH6	< 1	5.5	< 1	5.4	< 1	3.0	< 1	4.3	< 1	4.3	< 1	4.3	< 1	4.3	< 1	4.3
	ZL1	< 1	1.8	< 1	2.4	< 1	5.4	< 1	5.4	< 1	5.4	< 1	5.4	< 1	5.4	< 1	5.4
	VK	< 1	1.8	< 1	2.4	< 1	5.9	< 1	5.9	< 1	5.9	< 1	5.9	< 1	5.9	< 1	5.9
	JA2	< 1	5.8	< 1	3.0	< 1	10.1	< 1	10.1	< 1	10.1	< 1	10.1	< 1	10.1	< 1	10.1
	VR2	< 1	5.4	2	3.0	< 1	9.8	< 1	9.8	< 1	9.8	< 1	9.8	< 1	9.8	< 1	9.8
	4S	2	12.0	4	4.6	< 1	1.0	< 1	7.9	< 1	7.9	< 1	7.9	< 1	7.9	< 1	7.9
	ZS	5	2.4	5	2.5	4	3.0	< 1	6.7	< 1	6.7	< 1	6.7	< 1	6.7	< 1	6.7
	5Z	5.5	7.5	4	10.0	5	3.0	< 1	4.7	< 1	4.7	< 1	4.7	< 1	4.7	< 1	4.7
	4X	8.5	13.2	9	1.1	7	2.4	< 1	5.0	< 1	5.0	< 1	5.0	< 1	5.0	< 1	5.0
	CT3	9	13.1	6.5	15.6	6.5	3.2	< 1	4.7	< 1	4.7	< 1	4.7	< 1	4.7	< 1	4.7
	LU	2.5	3.7	3	4.1	2.5	3.0	< 1	2.4	< 1	2.4	< 1	2.4	< 1	2.4	< 1	2.4
	OA	1.5	5.5	2.5	12.0	1.75	2.0	< 1	4.4	< 1	4.4	< 1	4.4	< 1	4.4	< 1	4.4
	YV	5.5	5.5	5	12.0	< 1	1.0	< 1	10.1	< 1	10.1	< 1	10.1	< 1	10.1	< 1	10.1
	YB	< 1	1.1	1.5	1.7	< 1	4.9	< 1	4.9	< 1	4.9	< 1	4.9	< 1	4.9	< 1	4.9
0100Z	Prefix	80M		40M		30M		20M		17M		15M		12M		10M	
		S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA
	4U1U	7.5	4.3	6	5.1	< 1	8.7	< 1	8.7	< 1	8.7	< 1	8.7	< 1	8.7	< 1	8.7
	W6	< 1	5.2	2	5.4	< 1	3.0	< 1	9.7	< 1	9.7	< 1	9.7	< 1	9.7	< 1	9.7
	KH6	< 1	3.5	< 1	5.6	< 1	3.0	< 1	4.5	< 1	4.5	< 1	4.5	< 1	4.5	< 1	4.5
	ZL1	< 1	5.0	< 1	2.3	< 1	5.4	< 1	5.4	< 1	5.4	< 1	5.4	< 1	5.4	< 1	5.4
	VK	< 1	2.0	< 1	2.4	< 1	5.8	< 1	5.8	< 1	5.8	< 1	5.8	< 1	5.8	< 1	5.8
	JA2	< 1	6.2	< 1	3.0	< 1	10.2	< 1	10.2	< 1	10.2	< 1	10.2	< 1	10.2	< 1	10.2
	VR2	< 1	5.7	< 1	3.0	< 1	9.7	< 1	9.7	< 1	9.7	< 1	9.7	< 1	9.7	< 1	9.7
	4S	1.75	5.8	3	6.4	1.5	2.2	< 1	2.2	< 1	2.2	< 1	2.2	< 1	2.2	< 1	2.2
	ZS	4.5	2.1	5	2.3	4	3.0	< 1	7.1	< 1	7.1	< 1	7.1	< 1	7.1	< 1	7.1
	5Z	5	7.5	5	7.9	5	3.0	< 1	4.6	< 1	4.6	< 1	4.6	< 1	4.6	< 1	4.6
	4X	8.5	13.3	9	1.1	7	2.8	< 1	5.0	< 1	5.0	< 1	5.0	< 1	5.0	< 1	5.0
	CT3	9	13.1	6.5	15.7	7	3.4	< 1	4.6	< 1	4.6	< 1	4.6	< 1	4.6	< 1	4.6
	LU	3.5	3.7	3.5	4.2	2.5	3.0	< 1	2.4	< 1	2.4	< 1	2.4	< 1	2.4	< 1	2.4
	OA	3.5	5.5	4.5	1.1	1.75	4.5	< 1	4.5	< 1	4.5	< 1	4.5	< 1	4.5	< 1	4.5
	YV	7	5.5	5.5	14.0	1.25	10.2	< 1	10.2	< 1	10.2	< 1	10.2	< 1	10.2	< 1	10.2
	YB	< 1	1.3	< 1	1.6	< 1	4.8	< 1	4.8	< 1	4.8	< 1	4.8	< 1	4.8	< 1	4.8

0200Z	Prefix	80M		40M		30M		20M		17M		15M		12M		10M	
		S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA
	4U1U	8	4.3	6	5.3	< 1	8.9	< 1	8.9	< 1	8.9	< 1	8.9	< 1	8.9	< 1	8.9
	W6	2.5	5.3	3.5	5.8	< 1	9.8	< 1	9.8	< 1	9.8	< 1	9.8	< 1	9.8	< 1	9.8
	KH6	< 1	5.0	< 1	5.9	< 1	3.0	< 1	4.6	< 1	4.6	< 1	4.6	< 1	4.6	< 1	4.6
	ZL1	< 1	8.8	< 1	1.9	< 1	5.4	< 1	5.4	< 1	5.4	< 1	5.4	< 1	5.4	< 1	5.4
	VK	< 1	5.8	< 1	1.9	< 1	5.6	< 1	5.6	< 1	5.6	< 1	5.6	< 1	5.6	< 1	5.6
	JA2	< 1	9.2	< 1	3.0	< 1	10.0	< 1	10.0	< 1	10.0	< 1	10.0	< 1	10.0	< 1	10.0
	VR2	< 1	8.0	< 1	5.7	< 1	9.5	< 1	9.5	< 1	9.5	< 1	9.5	< 1	9.5	< 1	9.5
	4S	< 1	6.1	1.75	6.0	< 1	10.1	< 1	10.1	< 1	10.1	< 1	10.1	< 1	10.1	< 1	10.1
	ZS	2.5	3.9	4	2.8	2	3.0	< 1	7.1	< 1	7.1	< 1	7.1	< 1	7.1	< 1	7.1
	5Z	3	6.3	4	12.0	2	3.0	< 1	2.8	< 1	2.8	< 1	2.8	< 1	2.8	< 1	2.8
	4X	9+2	1.2	8.5	1.1	7	3.6	< 1	4.8	< 1	4.8	< 1	4.8	< 1	4.8	< 1	4.8
	CT3	9	12.9	7	15.0	7	2.5	< 1	4.4	< 1	4.4	< 1	4.4	< 1	4.4	< 1	4.4
	LU	3.5	3.5	4	3.9	3	3.0	< 1	2.2	< 1	2.2	< 1	2.2	< 1	2.2	< 1	2.2
	OA	4	5.4	5	1.0	2.5	4.4	< 1	4.4	< 1	4.4	< 1	4.4	< 1	4.4	< 1	4.4
	YV	7.5	5.3	6	14.0	1	10.2	< 1	10.2	< 1	10.2	< 1	10.2	< 1	10.2	< 1	10.2
	YB	< 1	7.7	< 1	1.1	< 1	4.6	< 1	4.6	< 1	4.6	< 1	4.6	< 1	4.6	< 1	4.6
0300Z	Prefix	80M		40M		30M		20M		17M		15M		12M		10M	
		S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA
	4U1U	9	4.3	7	5.7	< 1	8.9	< 1	8.9	< 1	8.9	< 1	8.9	< 1	8.9	< 1	8.9
	W6	4.5	5.5	4.5	3.0	< 1	9.9	< 1	9.9	< 1	9.9	< 1	9.9	< 1	9.9	< 1	9.9
	KH6	< 1	7.9	< 1	6.2	< 1	4.6	< 1	4.6	< 1	4.6	< 1	4.6	< 1	4.6	< 1	4.6
	ZL1	< 1	1.5	< 1	1.5	< 1	3.0	< 1	5.2	< 1	5.2	< 1	5.2	< 1	5.2	< 1	5.2
	VK	< 1	11.6	< 1	1.1	< 1	3.0	< 1	5.1	< 1	5.1	< 1	5.1	< 1	5.1	< 1	5.1
	JA2	< 1	13.5	< 1	5.5	< 1	3.0	< 1	9.7	< 1	9.7	< 1	9.7	< 1	9.7	< 1	9.7
	VR2	< 1	13.3	< 1	4.7	< 1	3.0	< 1	9.0	< 1	9.0	< 1	9.0	< 1	9.0	< 1	9.0
	4S	< 1	11.8	< 1	5.0	< 1	3.0	< 1	9.6	< 1	9.6	< 1	9.6	< 1	9.6	< 1	9.6
	ZS	< 1	10.0	3	10.0	< 1	3.0	< 1	6.8	< 1	6.8	< 1	6.8	< 1	6.8	< 1	6.8
	5Z	< 1	10.0	1.75	10.0	< 1	3.0	< 1	3.2	< 1	3.2	< 1	3.2	< 1	3.2	< 1	3.2
	4X	7.5	13.3	6	15.3	6.5	3.5	< 1	4.6	< 1	4.6	< 1	4.6	< 1	4.6	< 1	4.6
	CT3	9	12.6	7	14.8	7	2.5	< 1	4.3	< 1	4.3	< 1	4.3	< 1	4.3	< 1	4.3
	LU	3.5	3.4	4	3.7	1.75	3.0	< 1	7.8	< 1	7.8	< 1	7.8	< 1	7.8	< 1	7.8
	OA	4.5	5.3	5.5	1.0	1.5	4.4	< 1	4.4	< 1	4.4	< 1	4.4	< 1	4.4	< 1	4.4
	YV	8.5	5.3	7	14.0	< 1	10.1	< 1	10.1	< 1	10.1	< 1	10.1	< 1	10.1	< 1	10.1
	YB	< 1	11.9	< 1	5.3	< 1	2.0	< 1	4.2	< 1	4.2	< 1	4.2	< 1	4.2	< 1	4.2

0400Z	Prefix	80M		40M		30M		20M		17M		15M		12M		10M	
		S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA
	4U1U	9	4.7	5	7.4	< 1	8.9	< 1	8.9	< 1	8.9	< 1	8.9	< 1	8.9	< 1	8.9
	W6	5	6.2	4	3.0	< 1	9.9	< 1	9.9	< 1	9.9	< 1	9.9	< 1	9.9	< 1	9.9
	KH6	< 1	10.6	< 1	14.0	< 1	4.6	< 1	4.6	< 1	4.6	< 1	4.6	< 1	4.6	< 1	4.6
	ZL1	< 1	1.3	< 1	1.2	< 1	3.0	< 1	4.9	< 1	4.9	< 1	4.9	< 1	4.9	< 1	4.9
	VK	< 1	1.1	< 1	4.2	< 1	4.7	< 1	4.5	< 1	4.5	< 1	4.5	< 1	4.5	< 1	4.5
	JA2	< 1	17.7	< 1	5.0	< 1	3.0	< 1	9.3	< 1	9.3	< 1	9.3	< 1	9.3	< 1	9.3
	VR2	< 1	17.8	< 1	4.1	< 1	4.7	< 1	8.4	< 1	8.4	< 1	8.4	< 1	8.4	< 1	8.4
	4S	< 1	17.1	< 1	4.2	< 1	4.7	< 1	8.8	< 1	8.8	< 1	8.8	< 1	8.8	< 1	8.8
	ZS	< 1	1.3	2.5	10.0	2.5	3.0	< 1	6.4	< 1	6.4	< 1	6.4	< 1	6.4	< 1	6.4
	5Z	< 1	11.4	2.5	6.7	< 1	3.0	< 1	3.9	< 1	3.9	< 1	3.9	< 1	3.9	< 1	3.9
	4X	6	14.2	6	12.7	7	1.1	< 1	4.1	< 1	4.1	< 1	4.1	< 1	4.1	< 1	4.1
	CT3	9	12.2	5.5	17.8	5.5	4.1	< 1	4.1	< 1	4.1	< 1	4.1	< 1	4.1	< 1	4.1
	LU	3.5	3.7	4	3.9	< 1	7.7	< 1	7.7	< 1	7.7	< 1	7.7	< 1	7.7	< 1	7.7
	OA	5.5	5.6	6	3.0	< 1	4.3	< 1	4.3	< 1	4.3	< 1	4.3	< 1	4.3	< 1	4.3
	YV	8.5	5.6	6	3.0	< 1	10.0	< 1	10.0	< 1	10.0	< 1	10.0	< 1	10.0	< 1	10.0
	YB	< 1	17.1	< 1	4.6	< 1	5.1	< 1	3.6	< 1	3.6	< 1	3.6	< 1	3.6	< 1	3.6
0500Z	Prefix	80M		40M		30M		20M		17M		15M		12M		10M	
		S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA
	4U1U	8	8.1	2	8.9	< 1	8.9	< 1	8.9	< 1	8.9	< 1	8.9	< 1	8.9	< 1	8.9
	W6	3.5	12.0	4.5	3.0	< 1	9.9	< 1	9.9	< 1	9.9	< 1	9.9	< 1	9.9	< 1	9.9
	KH6	< 1	16.0	< 1	5.9	< 1	3.0	< 1	4.4	< 1	4.4	< 1	4.4	< 1	4.4	< 1	4.4
	ZL1	< 1	1.2	< 1	4.7	< 1	1.1	< 1	4.6	< 1	4.6	< 1	4.6	< 1	4.6	< 1	4.6
	VK	< 1	1.0	< 1	7.0	< 1	3.6	< 1	3.0	< 1	4.1	< 1	4.1	< 1	4.1	< 1	4.1
	JA2	< 1	2.7	< 1	6.0	< 1	4.8	< 1	3.0	< 1	8.8	< 1	8.8	< 1	8.8	< 1	8.8
	VR2	< 1	2.4	< 1	7.1	< 1	3.6	< 1	3.0	< 1	7.9	< 1	7.9	< 1	7.9	< 1	7.9
	4S	< 1	2.8	< 1	6.8	< 1	3.5	< 1	3.0	< 1	8.2	< 1	8.2	< 1	8.2	< 1	8.2
	ZS	< 1	1.4	< 1	1.4	2	1.5	< 1	3.0	< 1	5.3	< 1	5.3	< 1	5.3	< 1	5.3
	5Z	< 1	2.1	1.25	1.8	1	8.0	2	3.0	< 1	3.3	< 1	3.3	< 1	3.3	< 1	3.3
	4X	2.5	2.1	5	11.0	5	12.5	5.5	1.3	< 1	3.5	< 1	3.5	< 1	3.5	< 1	3.5
	CT3	9	3.9	3	18.0	4	3.8	< 1	3.8	< 1	3.8	< 1	3.8	< 1	3.8	< 1	3.8
	LU	< 1	12.0	3	4.2	< 1	7.4	< 1	7.4	< 1	7.4	< 1	7.4	< 1	7.4	< 1	7.4
	OA	4.5	7.9	5	3.0	< 1	4.3	< 1	4.3	< 1	4.3	< 1	4.3	< 1	4.3	< 1	4.3
	YV	7.5	11.9	4	3.0	< 1	10.0	< 1	10.0	< 1	10.0	< 1	10.0	< 1	10.0	< 1	10.0
	YB	< 1	1.0	< 1	7.3	< 1	3.9	< 1	3.0	< 1	3.2	< 1	3.2	< 1	3.2	< 1	3.2

0600Z	Prefix	80M		40M		30M		20M		17M		15M		12M		10M	
		S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA
	4U1U	7	16.0	3	9.0	< 1	9.0	< 1	9.0	< 1	9.0	< 1	9.0	< 1	9.0	< 1	9.0
	W6	1.25	22.0	4	6.3	< 1	9.8	< 1	9.8	< 1	9.8	< 1	9.8	< 1	9.8	< 1	9.8
	KH6	< 1	1.9	1	4.3	< 1	3.0	< 1	4.3	< 1	4.3	< 1	4.3	< 1	4.3	< 1	4.3
	ZL1	< 1	1.1	< 1	9.7	< 1	10.0	< 1	3.0	< 1	4.4	< 1	4.4	< 1	4.4	< 1	4.4
	VK	< 1	1.0	< 1	12.4	< 1	4.0	< 1	3.6	< 1	7.9	< 1	3.9	< 1	3.9	< 1	3.9
	JA2	< 1	1.0	< 1	12.0	< 1	4.5	< 1	3.0	< 1	8.6	< 1	8.6	< 1	8.6	< 1	8.6
	VR2	< 1	1.0	< 1	11.7	< 1	3.6	< 1	3.9	< 1	3.0	< 1	7.7	< 1	7.7	< 1	7.7
	4S	< 1	1.0	< 1	13.5	< 1	3.9	< 1	3.4	< 1	8.5	< 1	7.9	< 1	7.9	< 1	7.9
	ZS	< 1	1.2	< 1	9.9	< 1	5.0	1.25	1.1	< 1	3.0	< 1	4.7	< 1	4.7	< 1	4.7
	5Z	< 1	1.9	< 1	10.9	< 1	5.1	< 1	8.0	< 1	6.8	< 1	2.8	< 1	2.8	< 1	2.8
	4X	< 1	1.9	3.5	11.8	4.5	10.1	< 1	16.2	4.5	1.4	< 1	3.0	< 1	3.0	< 1	3.0
	CT3	6	15.4	6	12.7	6.5	1.3	< 1	3.4	< 1	3.4	< 1	3.4	< 1	3.4	< 1	3.4
	LU	< 1	1.0	2.5	3.9	< 1	3.0	< 1	7.1	< 1	7.1	< 1	7.1	< 1	7.1	< 1	7.1
	OA	2.5	16.0	5	3.0	< 1	4.3	< 1	4.3	< 1	4.3	< 1	4.3	< 1	4.3	< 1	4.3
	YV	5.5	16.0	4.5	3.0	< 1	10.0	< 1	10.0	< 1	10.0	< 1	10.0	< 1	10.0	< 1	10.0
	YB	< 1	1.0	< 1	13.1	< 1	4.0	< 1	10.0	< 1	7.3	< 1	3.0	< 1	3.0	< 1	3.0
0700Z	Prefix	80M		40M		30M		20M		17M		15M		12M		10M	
		S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA
	4U1U	6	4.0	4.5	6.0	< 1	8.4	< 1	8.4	< 1	8.4	< 1	8.4	< 1	8.4	< 1	8.4
	W6	1.75	4.3	2.5	19.6	< 1	4.9	< 1	8.9	< 1	8.9	< 1	8.9	< 1	8.9	< 1	8.9
	KH6	< 1	1.0	< 1	12.0	< 1	3.0	< 1	4.2	< 1	4.2	< 1	4.2	< 1	4.2	< 1	4.2
	ZL1	< 1	2.0	< 1	1.4	< 1	4.8	< 1	3.0	< 1	4.4	< 1	4.4	< 1	4.4	< 1	4.4
	VK	< 1	1.0	< 1	1.2	< 1	8.4	< 1	3.0	< 1	3.0	< 1	5.6	< 1	3.4	< 1	3.4
	JA2	< 1	1.0	< 1	13.9	< 1	6.0	< 1	12.0	< 1	2.0	< 1	8.6	< 1	8.6	< 1	8.6
	VR2	< 1	1.0	< 1	15.7	< 1	8.6	< 1	3.5	< 1	3.0	< 1	7.6	< 1	7.6	< 1	7.6
	4S	< 1	1.0	< 1	3.0	< 1	10.0	< 1	3.0	< 1	8.0	< 1	6.3	< 1	7.5	< 1	7.5
	ZS	< 1	1.0	< 1	1.5	< 1	6.7	< 1	4.7	< 1	1.2	< 1	5.3	< 1	4.5	< 1	4.5
	5Z	< 1	1.7	< 1	1.0	< 1	7.2	< 1	4.9	< 1	8.0	< 1	6.6	< 1	2.7	< 1	2.7
	4X	< 1	1.7	< 1	2.3	3	10.2	3.5	10.7	< 1	15.9	4	1.7	< 1	2.9	< 1	2.9
	CT3	1.5	1.8	5	11.3	4.5	12.8	5	1.6	< 1	2.9	< 1	2.9	< 1	2.9	< 1	2.9
	LU	< 1	2.1	< 1	10.0	1	3.4	< 1	6.6	< 1	6.6	< 1	6.6	< 1	6.6	< 1	6.6
	OA	< 1	1.0	1.25	14.0	1	3.0	< 1	4.1	< 1	4.1	< 1	4.1	< 1	4.1	< 1	4.1
	YV	1.5	26.0	4.5	7.9	< 1	2.0	< 1	9.7	< 1	9.7	< 1	9.7	< 1	9.7	< 1	9.7
	YB	< 1	1.0	< 1	2.0	< 1	8.9	< 1	3.4	< 1	3.0	< 1	4.9	< 1	7.7	< 1	7.7

0800Z	Prefix	80M		40M		30M		20M		17M		15M		12M		10M	
		S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA
4U1U		4	4.1	4.5	5.2	< 1	8.1	< 1	8.1	< 1	8.1	< 1	8.1	< 1	8.1	< 1	8.1
W6		< 1	4.4	2.5	5.5	< 1	8.6	< 1	9.1	< 1	9.1	< 1	9.1	< 1	9.1	< 1	9.1
KH6		< 1	4.7	< 1	5.0	1	4.0	< 1	4.1	< 1	4.1	< 1	4.1	< 1	4.1	< 1	4.1
ZL1		< 1	1.9	< 1	1.4	< 1	10.0	< 1	3.0	< 1	4.5	< 1	4.5	< 1	4.5	< 1	4.5
VK		< 1	1.0	< 1	1.1	< 1	10.8	< 1	2.5	< 1	10.0	< 1	7.0	< 1	3.7	< 1	3.7
JA2		< 1	1.0	< 1	2.9	< 1	8.4	< 1	5.1	< 1	5.7	< 1	8.8	< 1	8.8	< 1	8.8
VR2		< 1	1.0	< 1	1.0	< 1	10.0	< 1	3.4	< 1	3.0	< 1	3.0	< 1	7.4	< 1	7.4
4S		< 1	1.0	< 1	1.0	< 1	1.0	< 1	21.5	< 1	13.0	< 1	7.8	< 1	7.7	< 1	7.7
ZS		< 1	1.0	< 1	1.3	< 1	10.0	< 1	5.0	< 1	10.0	< 1	8.4	< 1	4.7	< 1	4.7
5Z		< 1	1.6	< 1	1.0	< 1	11.2	< 1	4.8	< 1	14.0	< 1	9.5	< 1	9.6	< 1	9.6
4X		< 1	1.6	< 1	2.1	1.5	11.5	2.5	9.8	< 1	15.4	< 1	15.4	< 1	2.7	< 1	2.7
CT3		< 1	1.6	4	12.2	4.5	10.5	< 1	15.8	2.5	2.6	< 1	2.6	< 1	2.6	< 1	2.6
LU		< 1	10.0	< 1	1.6	< 1	5.5	< 1	3.0	< 1	5.6	< 1	5.6	< 1	5.6	< 1	5.6
OA		< 1	2.5	< 1	2.8	1.25	3.3	< 1	7.2	< 1	7.2	< 1	7.2	< 1	7.2	< 1	7.2
YV		< 1	4.9	3	4.6	< 1	3.1	< 1	9.1	< 1	9.1	< 1	9.1	< 1	9.1	< 1	9.1
YB		< 1	1.0	< 1	1.0	< 1	16.0	< 1	2.1	< 1	3.0	< 1	6.4	< 1	2.8	< 1	2.8
0900Z	Prefix	80M		40M		30M		20M		17M		15M		12M		10M	
		S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA
4U1U		< 1	8.1	3.5	4.0	< 1	7.7	< 1	7.7	< 1	7.7	< 1	7.7	< 1	7.7	< 1	7.7
W6		< 1	4.5	1.5	5.8	< 1	5.8	< 1	9.2	< 1	9.2	< 1	9.2	< 1	9.2	< 1	9.2
KH6		< 1	5.0	< 1	14.6	< 1	16.7	< 1	2.0	< 1	4.4	< 1	4.4	< 1	4.4	< 1	4.4
ZL1		< 1	1.9	< 1	1.3	< 1	10.0	< 1	3.0	< 1	3.0	< 1	4.6	< 1	4.6	< 1	4.6
VK		< 1	1.9	< 1	1.0	< 1	12.0	< 1	10.0	< 1	12.8	< 1	7.4	< 1	4.0	< 1	4.0
JA2		< 1	1.0	< 1	2.9	< 1	12.0	< 1	12.0	< 1	3.0	< 1	8.8	< 1	8.8	< 1	8.8
VR2		< 1	1.0	< 1	20.0	< 1	12.0	< 1	2.6	< 1	3.0	< 1	3.9	< 1	7.6	< 1	7.6
4S		< 1	1.0	< 1	24.0	< 1	12.3	< 1	22.1	< 1	13.4	< 1	8.2	< 1	8.1	< 1	8.1
ZS		< 1	1.0	< 1	1.3	< 1	1.0	< 1	23.4	< 1	14.8	< 1	9.9	< 1	4.8	< 1	4.8
5Z		< 1	1.6	< 1	1.0	< 1	38.0	< 1	23.8	< 1	15.1	< 1	10.2	< 1	2.0	< 1	3.0
4X		< 1	1.6	< 1	2.1	< 1	12.8	1.75	10.8	< 1	16.2	< 1	16.2	< 1	3.2	< 1	3.2
CT3		< 1	1.5	1.25	2.0	4	10.6	2.5	13.2	< 1	15.7	< 1	2.6	< 1	2.6	< 1	2.6
LU		< 1	1.0	< 1	1.7	< 1	2.1	< 1	14.0	< 1	5.6	< 1	5.9	< 1	5.9	< 1	5.9
OA		< 1	3.7	< 1	15.3	< 1	7.2	< 1	7.4	< 1	2.5	< 1	2.5	< 1	2.5	< 1	2.5
YV		< 1	11.7	1	4.3	< 1	18.1	< 1	6.3	< 1	9.0	< 1	9.0	< 1	9.0	< 1	9.0
YB		< 1	1.4	< 1	1.9	< 1	11.7	< 1	10.0	< 1	3.0	< 1	6.8	< 1	3.1	< 1	3.1

1000Z	Prefix	80M		40M		30M		20M		17M		15M		12M		10M	
		S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA
	4U1U	< 1	14.9	1.5	3.3	< 1	4.8	< 1	7.2	< 1	7.2	< 1	7.2	< 1	7.2	< 1	7.2
	W6	< 1	4.5	1.5	15.5	< 1	7.4	< 1	9.2	< 1	9.2	< 1	9.2	< 1	9.2	< 1	9.2
	KH6	< 1	4.9	< 1	15.8	< 1	7.7	< 1	6.4	< 1	4.3	< 1	4.3	< 1	4.3	< 1	4.3
	ZL1	< 1	1.0	< 1	1.3	< 1	10.0	< 1	3.0	< 1	2.0	< 1	4.6	< 1	4.6	< 1	4.6
	VK	< 1	1.9	< 1	1.0	< 1	12.2	< 1	10.0	< 1	3.0	< 1	3.0	< 1	4.1	< 1	4.1
	JA2	< 1	1.0	< 1	2.9	< 1	12.0	< 1	14.0	< 1	6.0	< 1	9.0	< 1	9.0	< 1	9.0
	VR2	< 1	1.0	< 1	2.5	< 1	2.9	< 1	6.3	< 1	3.0	< 1	3.5	< 1	7.7	< 1	7.7
	4S	< 1	1.0	< 1	21.5	< 1	12.5	< 1	22.0	< 1	12.0	< 1	7.9	< 1	8.3	< 1	8.3
	ZS	< 1	1.0	< 1	1.2	< 1	16.0	< 1	20.0	< 1	15.4	< 1	10.5	< 1	2.0	< 1	5.3
	5Z	< 1	1.5	< 1	24.0	< 1	17.8	< 1	24.5	< 1	15.6	< 1	10.6	< 1	2.0	< 1	3.5
	4X	< 1	1.6	< 1	2.0	< 1	13.3	1.5	11.4	< 1	16.9	< 1	16.9	< 1	3.6	< 1	3.6
	CT3	< 1	1.4	< 1	1.9	2.5	11.4	3	10.1	< 1	14.5	< 1	14.5	< 1	14.5	< 1	14.5
	LU	< 1	1.0	< 1	8.5	< 1	1.2	< 1	1.6	< 1	8.4	< 1	6.1	< 1	6.1	< 1	6.1
	OA	< 1	13.4	< 1	17.4	< 1	9.2	< 1	12.0	< 1	2.7	< 1	2.7	< 1	2.7	< 1	2.7
	YV	< 1	2.9	< 1	3.8	< 1	3.8	< 1	3.0	< 1	8.3	< 1	8.3	< 1	8.3	< 1	8.3
	YB	< 1	1.4	< 1	1.9	< 1	11.9	< 1	10.0	< 1	3.0	< 1	3.0	< 1	3.2	< 1	3.2
1100Z	Prefix	80M		40M		30M		20M		17M		15M		12M		10M	
		S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA
	4U1U	< 1	1.1	< 1	5.8	1.25	3.1	< 1	6.9	< 1	6.9	< 1	6.9	< 1	6.9	< 1	6.9
	W6	< 1	4.7	< 1	16.5	< 1	19.2	< 1	7.5	< 1	9.3	< 1	9.3	< 1	9.3	< 1	9.3
	KH6	< 1	4.7	< 1	16.4	< 1	8.2	< 1	8.0	< 1	4.0	< 1	4.0	< 1	4.0	< 1	4.0
	ZL1	< 1	1.0	< 1	1.3	< 1	10.0	< 1	3.0	< 1	4.4	< 1	4.4	< 1	4.4	< 1	4.4
	VK	< 1	1.9	< 1	1.0	< 1	1.3	< 1	10.0	< 1	3.0	< 1	3.0	< 1	3.9	< 1	3.9
	JA2	< 1	2.3	< 1	20.0	< 1	12.0	< 1	14.9	< 1	4.4	< 1	8.7	< 1	8.7	< 1	8.7
	VR2	< 1	1.0	< 1	2.5	< 1	10.5	1	3.3	< 1	3.0	< 1	8.3	< 1	8.3	< 1	8.3
	4S	< 1	1.0	< 1	21.0	< 1	12.1	< 1	21.5	< 1	3.0	< 1	7.4	< 1	8.2	< 1	8.2
	ZS	< 1	1.0	< 1	1.2	< 1	17.9	< 1	24.0	< 1	15.7	< 1	10.7	< 1	2.0	< 1	5.5
	5Z	< 1	1.5	< 1	26.0	< 1	13.5	< 1	24.0	< 1	15.5	< 1	3.0	< 1	1.0	< 1	3.5
	4X	< 1	1.6	< 1	2.1	< 1	13.6	1.75	12.1	< 1	17.1	4	1.1	< 1	3.6	< 1	3.6
	CT3	< 1	1.4	< 1	1.9	1.5	12.2	2.5	10.3	< 1	15.0	< 1	15.0	< 1	15.0	< 1	15.0
	LU	< 1	1.8	< 1	2.3	< 1	1.0	< 1	8.0	< 1	10.8	< 1	5.1	< 1	5.3	< 1	5.3
	OA	< 1	1.0	< 1	7.6	< 1	3.0	< 1	1.5	< 1	6.5	< 1	7.8	< 1	7.8	< 1	7.8
	YV	< 1	2.4	< 1	2.9	< 1	26.0	< 1	14.8	< 1	5.5	< 1	7.7	< 1	7.7	< 1	7.7
	YB	< 1	1.4	< 1	1.9	< 1	11.4	< 1	5.4	< 1	3.0	< 1	3.0	< 1	3.0	< 1	3.0

1200Z	Prefix	80M		40M		30M		20M		17M		15M		12M		10M	
		S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA
	4U1U	< 1	3.8	< 1	11.9	< 1	3.2	< 1	4.0	< 1	6.8	< 1	6.8	< 1	6.8	< 1	6.8
	W6	< 1	6.0	< 1	5.7	< 1	21.3	< 1	9.9	< 1	9.2	< 1	9.2	< 1	9.2	< 1	9.2
	KH6	< 1	4.5	< 1	16.6	< 1	12.0	< 1	8.6	< 1	3.8	< 1	3.8	< 1	3.8	< 1	3.8
	ZL1	< 1	1.0	< 1	1.3	< 1	10.0	< 1	3.0	< 1	4.4	< 1	4.4	< 1	4.4	< 1	4.4
	VK	< 1	1.9	< 1	1.1	< 1	12.0	< 1	2.9	< 1	3.0	< 1	5.0	< 1	4.1	< 1	4.1
	JA2	< 1	4.8	< 1	4.2	< 1	4.7	< 1	3.0	< 1	9.4	< 1	9.4	< 1	9.4	< 1	9.4
	VR2	< 1	2.0	< 1	2.6	< 1	10.0	1.5	4.5	< 1	3.0	< 1	7.6	< 1	7.6	< 1	7.6
	4S	< 1	1.0	< 1	20.1	< 1	11.4	< 1	5.4	< 1	3.0	< 1	6.3	< 1	8.3	< 1	8.3
	ZS	< 1	1.0	< 1	1.2	< 1	1.5	< 1	24.0	< 1	15.7	< 1	10.8	< 1	3.0	< 1	5.3
	5Z	< 1	1.5	< 1	2.0	< 1	13.2	< 1	24.0	< 1	15.3	< 1	3.0	< 1	1.0	< 1	3.3
	4X	< 1	1.6	< 1	2.1	< 1	2.4	2.5	11.7	< 1	16.6	< 1	16.6	< 1	3.3	< 1	3.3
	CT3	< 1	1.4	< 1	1.8	< 1	2.1	1.75	10.6	< 1	15.3	< 1	15.3	< 1	15.3	< 1	15.3
	LU	< 1	1.8	< 1	2.3	< 1	1.0	< 1	8.0	< 1	11.5	< 1	6.0	< 1	5.6	< 1	5.6
	OA	< 1	1.3	< 1	1.8	< 1	2.1	< 1	16.9	< 1	8.5	< 1	7.3	< 1	7.3	< 1	7.3
	YV	< 1	1.0	< 1	2.9	< 1	26.0	< 1	16.6	< 1	8.2	< 1	7.2	< 1	7.2	< 1	7.2
	YB	< 1	1.4	< 1	1.9	< 1	11.1	< 1	2.2	< 1	3.0	< 1	3.0	< 1	3.1	< 1	3.1
1300Z	Prefix	80M		40M		30M		20M		17M		15M		12M		10M	
		S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA
	4U1U	< 1	3.6	< 1	1.2	< 1	10.0	< 1	3.0	< 1	6.4	< 1	6.4	< 1	6.4	< 1	6.4
	W6	< 1	13.9	< 1	5.2	< 1	22.7	< 1	11.3	< 1	9.0	< 1	9.0	< 1	9.0	< 1	9.0
	KH6	< 1	4.5	< 1	16.4	< 1	12.0	< 1	8.8	< 1	3.8	< 1	3.8	< 1	3.8	< 1	3.8
	ZL1	< 1	1.0	< 1	1.0	< 1	7.8	< 1	3.0	< 1	4.3	< 1	4.3	< 1	4.3	< 1	4.3
	VK	< 1	1.9	< 1	1.1	< 1	10.0	< 1	4.2	< 1	3.0	< 1	4.5	< 1	3.6	< 1	3.6
	JA2	< 1	4.7	< 1	4.7	< 1	5.5	< 1	3.0	< 1	9.9	< 1	9.9	< 1	9.9	< 1	9.9
	VR2	< 1	2.1	< 1	2.6	< 1	10.0	1.75	4.3	< 1	3.0	< 1	7.4	< 1	7.4	< 1	7.4
	4S	< 1	2.4	< 1	3.0	< 1	11.1	1.5	4.1	< 1	3.0	< 1	3.0	< 1	7.7	< 1	7.7
	ZS	< 1	1.0	< 1	1.3	< 1	1.5	< 1	6.2	< 1	1.2	< 1	1.8	< 1	3.5	< 1	4.8
	5Z	< 1	1.6	< 1	1.0	< 1	12.1	< 1	23.9	< 1	10.0	< 1	3.0	< 1	2.0	< 1	2.8
	4X	< 1	1.6	< 1	2.1	2	2.4	3	11.6	< 1	16.6	4.5	1.0	< 1	3.3	< 1	3.3
	CT3	< 1	1.4	< 1	1.8	< 1	13.3	1.5	11.6	< 1	15.8	3	1.2	< 1	2.7	< 1	2.7
	LU	< 1	1.8	< 1	2.2	< 1	12.9	< 1	10.0	< 1	3.0	< 1	5.6	< 1	5.8	< 1	5.8
	OA	< 1	1.3	< 1	1.8	< 1	12.0	< 1	17.4	< 1	9.0	< 1	7.5	< 1	7.5	< 1	7.5
	YV	< 1	1.0	< 1	2.8	< 1	11.9	< 1	17.2	< 1	8.8	< 1	7.5	< 1	7.5	< 1	7.5
	YB	< 1	1.5	< 1	2.0	< 1	10.0	< 1	4.5	< 1	3.0	< 1	2.4	< 1	2.7	< 1	2.7

1400Z	Prefix	80M		40M		30M		20M		17M		15M		12M		10M	
		S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA
	4U1U	< 1	3.5	< 1	1.1	< 1	12.1	< 1	4.7	< 1	6.4	< 1	6.4	< 1	6.4	< 1	6.4
	W6	< 1	2.7	< 1	5.3	< 1	23.5	< 1	12.1	< 1	8.8	< 1	8.8	< 1	8.8	< 1	8.8
	KH6	< 1	5.0	< 1	15.4	< 1	7.3	< 1	8.6	< 1	3.9	< 1	3.9	< 1	3.9	< 1	3.9
	ZL1	< 1	1.0	< 1	1.0	< 1	5.7	< 1	3.0	< 1	4.3	< 1	4.3	< 1	4.3	< 1	4.3
	VK	< 1	1.0	< 1	1.2	< 1	10.0	< 1	3.9	1.25	3.0	< 1	1.4	< 1	3.3	< 1	3.3
	JA2	< 1	5.0	1.25	5.2	1.25	5.6	< 1	3.0	< 1	10.3	< 1	10.3	< 1	10.3	< 1	10.3
	VR2	< 1	1.0	< 1	2.7	1.5	6.8	2	10.0	< 1	1.6	< 1	7.3	< 1	7.3	< 1	7.3
	4S	< 1	2.5	< 1	3.1	< 1	10.0	2.5	3.8	< 1	3.0	< 1	4.8	< 1	7.3	< 1	7.3
	ZS	< 1	2.6	< 1	1.3	< 1	1.6	2.5	18.0	< 1	1.2	< 1	2.0	< 1	1.0	< 1	4.9
	5Z	< 1	1.6	< 1	2.1	< 1	16.0	< 1	8.0	< 1	10.0	< 1	3.0	< 1	2.8	< 1	2.8
	4X	< 1	1.7	< 1	2.2	3.5	11.2	4	10.9	< 1	15.9	< 1	15.9	< 1	2.8	< 1	2.8
	CT3	< 1	1.4	< 1	1.8	< 1	13.1	2	11.6	< 1	15.8	3.5	1.3	< 1	2.7	< 1	2.7
	LU	< 1	1.8	< 1	1.0	< 1	12.5	< 1	10.0	< 1	3.0	< 1	5.3	< 1	5.8	< 1	5.8
	OA	< 1	1.3	< 1	1.8	< 1	11.9	< 1	17.6	< 1	9.0	< 1	7.7	< 1	7.7	< 1	7.7
	YV	< 1	1.0	< 1	20.6	< 1	11.8	< 1	17.4	< 1	8.9	< 1	7.6	< 1	7.6	< 1	7.6
	YB	< 1	1.5	< 1	2.1	< 1	7.2	< 1	4.3	< 1	3.0	< 1	2.5	< 1	2.5	< 1	2.5
1500Z	Prefix	80M		40M		30M		20M		17M		15M		12M		10M	
		S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA
	4U1U	< 1	3.6	< 1	1.2	< 1	10.4	< 1	3.1	< 1	6.6	< 1	6.6	< 1	6.6	< 1	6.6
	W6	< 1	1.0	< 1	1.0	< 1	5.0	< 1	3.0	< 1	8.7	< 1	8.7	< 1	8.7	< 1	8.7
	KH6	< 1	9.8	< 1	13.2	< 1	5.0	< 1	7.8	< 1	3.9	< 1	3.9	< 1	3.9	< 1	3.9
	ZL1	< 1	1.0	< 1	2.0	< 1	3.0	< 1	3.0	< 1	4.3	< 1	4.3	< 1	4.3	< 1	4.3
	VK	< 1	1.0	< 1	12.0	< 1	4.1	< 1	4.0	1.25	3.0	< 1	3.3	< 1	3.3	< 1	3.3
	JA2	< 1	5.1	2.5	5.4	2	18.2	< 1	5.7	< 1	10.5	< 1	10.5	< 1	10.5	< 1	10.5
	VR2	< 1	3.5	2.5	3.5	2.5	4.3	< 1	3.0	< 1	9.2	< 1	9.2	< 1	9.2	< 1	9.2
	4S	< 1	2.6	< 1	11.8	3	4.0	3	3.8	< 1	3.0	< 1	7.3	< 1	7.3	< 1	7.3
	ZS	< 1	2.7	< 1	1.4	< 1	7.9	< 1	5.3	1.5	1.1	< 1	3.0	< 1	4.6	< 1	4.6
	5Z	< 1	1.7	< 1	2.2	< 1	8.0	1.5	8.0	< 1	10.0	< 1	3.0	< 1	2.6	< 1	2.6
	4X	< 1	1.8	3.5	2.4	4.5	10.3	4.5	10.9	< 1	15.7	4	1.1	< 1	2.6	< 1	2.6
	CT3	< 1	1.4	< 1	1.9	1.75	12.0	4.5	2.3	< 1	15.9	3.5	1.4	< 1	2.6	< 1	2.6
	LU	< 1	1.8	< 1	1.0	< 1	11.3	< 1	2.5	< 1	3.0	< 1	5.3	< 1	5.7	< 1	5.7
	OA	< 1	1.3	< 1	1.0	< 1	10.8	< 1	2.0	< 1	3.0	< 1	7.6	< 1	7.6	< 1	7.6
	YV	< 1	1.0	< 1	2.9	< 1	11.2	< 1	1.8	< 1	3.0	< 1	7.6	< 1	7.6	< 1	7.6
	YB	< 1	1.0	< 1	12.0	1.5	4.4	1	4.5	< 1	3.0	< 1	2.5	< 1	2.5	< 1	2.5

1600Z	Prefix	80M		40M		30M		20M		17M		15M		12M		10M	
		S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA
	4U1U	< 1	3.7	< 1	1.3	< 1	6.9	< 1	3.7	< 1	7.3	< 1	7.3	< 1	7.3	< 1	7.3
	W6	< 1	1.0	< 1	2.9	< 1	7.3	< 1	3.0	< 1	8.9	< 1	8.9	< 1	8.9	< 1	8.9
	KH6	< 1	1.0	< 1	12.0	< 1	10.0	< 1	3.0	< 1	3.7	< 1	3.7	< 1	3.7	< 1	3.7
	ZL1	< 1	1.0	< 1	5.9	< 1	3.0	< 1	4.3	< 1	4.3	< 1	4.3	< 1	4.3	< 1	4.3
	VK	< 1	1.0	< 1	10.0	1.25	3.9	1.5	12.0	< 1	3.6	< 1	3.6	< 1	3.6	< 1	3.6
	JA2	< 1	28.0	3	6.0	3	12.0	< 1	8.5	< 1	8.5	< 1	8.5	< 1	8.5	< 1	8.5
	VR2	< 1	2.5	3.5	4.2	3	4.1	1	3.0	< 1	7.6	< 1	7.6	< 1	7.6	< 1	7.6
	4S	< 1	28.0	3	6.0	4	3.8	3	4.5	< 1	2.7	< 1	7.7	< 1	7.7	< 1	7.7
	ZS	< 1	1.1	< 1	1.6	1.5	1.2	< 1	8.0	2	1.4	< 1	3.0	< 1	4.6	< 1	4.6
	5Z	< 1	1.9	< 1	10.0	2.5	5.6	2.5	8.0	< 1	10.0	< 1	3.0	< 1	2.6	< 1	2.6
	4X	2	2.1	5	10.8	5.5	10.3	4.5	11.9	< 1	15.9	2.5	2.7	< 1	2.7	< 1	2.7
	CT3	< 1	1.5	< 1	15.3	3	11.2	3.5	11.7	< 1	16.1	3	2.0	< 1	2.7	< 1	2.7
	LU	< 1	1.9	< 1	1.0	< 1	7.8	< 1	2.4	< 1	3.0	< 1	3.0	< 1	6.0	< 1	6.0
	OA	< 1	1.0	< 1	15.8	< 1	7.7	< 1	4.5	< 1	3.0	< 1	2.9	< 1	2.9	< 1	2.9
	YV	< 1	1.0	< 1	16.0	< 1	7.7	< 1	10.0	< 1	3.0	< 1	8.2	< 1	8.2	< 1	8.2
	YB	< 1	1.0	1.75	5.1	1.75	4.4	2	3.0	< 1	2.8	< 1	2.8	< 1	2.8	< 1	2.8
1700Z	Prefix	80M		40M		30M		20M		17M		15M		12M		10M	
		S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA
	4U1U	< 1	3.9	< 1	11.7	< 1	3.1	< 1	3.4	< 1	7.1	< 1	7.1	< 1	7.1	< 1	7.1
	W6	< 1	1.0	< 1	9.9	< 1	4.0	< 1	3.0	< 1	8.5	< 1	8.5	< 1	8.5	< 1	8.5
	KH6	< 1	1.9	< 1	6.0	< 1	5.0	< 1	3.0	< 1	3.7	< 1	3.7	< 1	3.7	< 1	3.7
	ZL1	< 1	1.3	< 1	1.1	< 1	3.0	< 1	4.4	< 1	4.4	< 1	4.4	< 1	4.4	< 1	4.4
	VK	< 1	1.0	1.75	4.3	1.25	10.0	1.75	3.0	< 1	4.2	< 1	4.2	< 1	4.2	< 1	4.2
	JA2	< 1	20.0	3.5	5.0	2.5	3.0	< 1	8.8	< 1	8.8	< 1	8.8	< 1	8.8	< 1	8.8
	VR2	< 1	13.6	4	4.2	2.5	4.9	< 1	8.1	< 1	8.1	< 1	8.1	< 1	8.1	< 1	8.1
	4S	< 1	20.0	4.5	4.3	4	4.3	1.5	3.0	< 1	8.4	< 1	8.4	< 1	8.4	< 1	8.4
	ZS	< 1	1.3	< 1	3.8	1	8.0	3.5	1.0	1.5	3.0	< 1	3.6	< 1	4.8	< 1	4.8
	5Z	< 1	2.1	3	8.0	3.5	8.0	1.75	10.0	< 1	3.0	< 1	2.9	< 1	2.9	< 1	2.9
	4X	5	2.3	6	10.6	5.5	11.0	< 1	16.6	4.5	1.8	1	3.1	< 1	3.1	< 1	3.1
	CT3	< 1	1.7	3.5	11.7	4.5	10.3	4	11.3	< 1	15.7	3.5	1.8	< 1	2.5	< 1	2.5
	LU	< 1	2.1	< 1	11.3	< 1	2.2	< 1	1.9	< 1	3.0	< 1	4.4	< 1	5.7	< 1	5.7
	OA	< 1	1.0	< 1	11.3	< 1	4.1	< 1	4.1	< 1	3.0	< 1	2.6	< 1	2.6	< 1	2.6
	YV	< 1	1.0	< 1	11.6	< 1	4.1	< 1	4.1	< 1	3.0	< 1	7.9	< 1	7.9	< 1	7.9
	YB	< 1	13.3	2.5	4.7	1.5	5.0	1.25	3.0	< 1	3.3	< 1	3.3	< 1	3.3	< 1	3.3

1800Z	Prefix	80M		40M		30M		20M		17M		15M		12M		10M	
		S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA
	4U1U	< 1	1.1	< 1	5.5	< 1	2.6	1.25	3.3	< 1	6.9	< 1	6.9	< 1	6.9	< 1	6.9
	W6	< 1	2.7	< 1	2.8	< 1	3.8	< 1	3.0	< 1	8.4	< 1	8.4	< 1	8.4	< 1	8.4
	KH6	< 1	16.8	< 1	4.5	< 1	5.0	< 1	2.0	< 1	3.6	< 1	3.6	< 1	3.6	< 1	3.6
	ZL1	< 1	1.5	< 1	1.1	< 1	3.0	< 1	4.5	< 1	4.5	< 1	4.5	< 1	4.5	< 1	4.5
	VK	< 1	10.0	2	4.7	1.5	1.6	< 1	4.8	< 1	4.8	< 1	4.8	< 1	4.8	< 1	4.8
	JA2	2.5	12.0	3.5	5.2	1.5	3.0	< 1	9.1	< 1	9.1	< 1	9.1	< 1	9.1	< 1	9.1
	VR2	3	7.6	4.5	4.6	2	3.0	< 1	8.7	< 1	8.7	< 1	8.7	< 1	8.7	< 1	8.7
	4S	3.5	10.0	5	4.7	3.5	5.4	< 1	3.0	< 1	9.2	< 1	9.2	< 1	9.2	< 1	9.2
	ZS	< 1	1.6	4	1.1	4.5	1.0	3.5	1.6	1.5	3.0	< 1	5.1	< 1	5.1	< 1	5.1
	5Z	1	10.7	4.5	6.0	4	6.2	1.75	14.0	< 1	2.4	< 1	3.4	< 1	3.4	< 1	3.4
	4X	7	12.1	6.5	11.3	5.5	12.5	< 1	17.5	2.5	3.6	< 1	3.6	< 1	3.6	< 1	3.6
	CT3	2	1.9	6	1.6	5.5	9.9	4	11.4	< 1	15.5	2.5	2.3	< 1	2.3	< 1	2.3
	LU	< 1	2.3	< 1	3.6	< 1	1.5	< 1	1.7	< 1	3.0	< 1	3.3	< 1	5.5	< 1	5.5
	OA	< 1	1.0	< 1	5.0	< 1	3.4	< 1	10.0	< 1	3.0	< 1	2.4	< 1	2.4	< 1	2.4
	YV	< 1	2.8	< 1	5.7	< 1	3.4	< 1	3.8	< 1	3.0	< 1	7.7	< 1	7.7	< 1	7.7
	YB	1	10.0	2.5	10.0	3.5	3.0	< 1	3.9	< 1	3.9	< 1	3.9	< 1	3.9	< 1	3.9
1900Z	Prefix	80M		40M		30M		20M		17M		15M		12M		10M	
		S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA
	4U1U	< 1	1.3	< 1	2.6	1.5	2.5	< 1	3.6	< 1	6.8	< 1	6.8	< 1	6.8	< 1	6.8
	W6	< 1	15.6	< 1	3.5	< 1	10.0	< 1	3.0	< 1	8.3	< 1	8.3	< 1	8.3	< 1	8.3
	KH6	< 1	12.0	< 1	4.3	< 1	12.0	< 1	3.7	< 1	3.7	< 1	3.7	< 1	3.7	< 1	3.7
	ZL1	< 1	7.4	< 1	3.0	< 1	3.0	< 1	4.8	< 1	4.8	< 1	4.8	< 1	4.8	< 1	4.8
	VK	2.5	1.7	3	1.5	2	3.0	< 1	5.4	< 1	5.4	< 1	5.4	< 1	5.4	< 1	5.4
	JA2	4.5	6.0	4	12.0	1	9.5	< 1	9.5	< 1	9.5	< 1	9.5	< 1	9.5	< 1	9.5
	VR2	5	5.2	4.5	5.2	1.5	3.0	< 1	9.1	< 1	9.1	< 1	9.1	< 1	9.1	< 1	9.1
	4S	5	5.6	5	5.3	3	3.0	< 1	9.9	< 1	9.9	< 1	9.9	< 1	9.9	< 1	9.9
	ZS	< 1	4.6	4.5	1.4	4.5	1.6	3	3.0	< 1	5.6	< 1	5.6	< 1	5.6	< 1	5.6
	5Z	5	1.8	4.5	10.0	3	10.0	3.5	3.0	< 1	3.9	< 1	3.9	< 1	3.9	< 1	3.9
	4X	7.5	12.0	7	12.4	4.5	15.4	5.5	2.9	< 1	4.2	< 1	4.2	< 1	4.2	< 1	4.2
	CT3	5	2.2	6	10.0	6	10.3	3.5	13.2	< 1	15.7	1.25	2.4	< 1	2.4	< 1	2.4
	LU	< 1	12.8	< 1	1.7	< 1	1.5	< 1	2.0	< 1	3.0	< 1	5.5	< 1	5.5	< 1	5.5
	OA	< 1	14.8	< 1	3.4	< 1	3.3	< 1	10.0	< 1	3.0	< 1	2.3	< 1	2.3	< 1	2.3
	YV	< 1	15.8	< 1	3.4	< 1	8.0	< 1	10.0	< 1	3.0	< 1	7.6	< 1	7.6	< 1	7.6
	YB	2.5	5.9	2.5	5.8	2.5	3.0	< 1	4.4	< 1	4.4	< 1	4.4	< 1	4.4	< 1	4.4

2000Z	Prefix	80M		40M		30M		20M		17M		15M		12M		10M	
		S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA
	4U1U	< 1	11.3	1.5	2.5	2.5	2.8	< 1	5.0	< 1	6.9	< 1	6.9	< 1	6.9	< 1	6.9
	W6	< 1	10.5	< 1	3.5	< 1	10.0	< 1	3.0	< 1	8.5	< 1	8.5	< 1	8.5	< 1	8.5
	KH6	< 1	8.8	< 1	4.4	< 1	12.0	< 1	3.8	< 1	3.8	< 1	3.8	< 1	3.8	< 1	3.8
	ZL1	< 1	3.8	< 1	1.6	< 1	5.0	< 1	5.0	< 1	5.0	< 1	5.0	< 1	5.0	< 1	5.0
	VK	2.5	1.8	3	1.9	1.25	3.0	< 1	5.7	< 1	5.7	< 1	5.7	< 1	5.7	< 1	5.7
	JA2	4.5	5.8	3.5	14.0	< 1	9.8	< 1	9.8	< 1	9.8	< 1	9.8	< 1	9.8	< 1	9.8
	VR2	5.5	5.2	4.5	5.8	< 1	9.5	< 1	9.5	< 1	9.5	< 1	9.5	< 1	9.5	< 1	9.5
	4S	5.5	5.6	4.5	5.9	1.75	3.0	< 1	10.3	< 1	10.3	< 1	10.3	< 1	10.3	< 1	10.3
	ZS	4.5	2.3	5	1.8	4.5	2.4	2	3.0	< 1	6.2	< 1	6.2	< 1	6.2	< 1	6.2
	5Z	5	7.3	4.5	10.0	3	12.0	< 1	4.4	< 1	4.4	< 1	4.4	< 1	4.4	< 1	4.4
	4X	8	12.5	7	13.6	7.5	1.4	3	4.6	< 1	4.6	< 1	4.6	< 1	4.6	< 1	4.6
	CT3	6.5	11.5	6.5	10.6	6	11.6	< 1	16.4	1.75	2.8	< 1	2.8	< 1	2.8	< 1	2.8
	LU	< 1	6.2	< 1	1.8	< 1	2.0	< 1	12.0	< 1	5.9	< 1	5.9	< 1	5.9	< 1	5.9
	OA	< 1	9.7	< 1	3.4	< 1	3.7	< 1	3.0	< 1	2.5	< 1	2.5	< 1	2.5	< 1	2.5
	YV	< 1	10.1	< 1	3.4	< 1	3.6	< 1	3.0	< 1	7.8	< 1	7.8	< 1	7.8	< 1	7.8
	YB	2.5	5.9	4.5	1.1	1.75	2.0	< 1	4.7	< 1	4.7	< 1	4.7	< 1	4.7	< 1	4.7
2100Z	Prefix	80M		40M		30M		20M		17M		15M		12M		10M	
		S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA
	4U1U	< 1	5.9	2.5	2.9	2.5	3.6	< 1	7.2	< 1	7.2	< 1	7.2	< 1	7.2	< 1	7.2
	W6	< 1	7.2	< 1	3.8	< 1	12.0	< 1	8.7	< 1	8.7	< 1	8.7	< 1	8.7	< 1	8.7
	KH6	< 1	6.0	< 1	4.6	< 1	3.0	< 1	4.0	< 1	4.0	< 1	4.0	< 1	4.0	< 1	4.0
	ZL1	< 1	1.8	< 1	1.8	< 1	5.2	< 1	5.2	< 1	5.2	< 1	5.2	< 1	5.2	< 1	5.2
	VK	1.25	1.7	2	2.1	1.25	2.0	< 1	5.8	< 1	5.8	< 1	5.8	< 1	5.8	< 1	5.8
	JA2	3.5	5.7	4	3.0	< 1	10.0	< 1	10.0	< 1	10.0	< 1	10.0	< 1	10.0	< 1	10.0
	VR2	5.5	5.3	5	3.0	< 1	9.6	< 1	9.6	< 1	9.6	< 1	9.6	< 1	9.6	< 1	9.6
	4S	5.5	5.6	4	12.0	3	3.0	< 1	2.2	< 1	2.2	< 1	2.2	< 1	2.2	< 1	2.2
	ZS	5	2.4	5	2.3	3.5	3.2	< 1	6.7	< 1	6.7	< 1	6.7	< 1	6.7	< 1	6.7
	5Z	5.5	7.5	4	10.0	5	3.0	< 1	4.7	< 1	4.7	< 1	4.7	< 1	4.7	< 1	4.7
	4X	8.5	13.0	6.5	14.5	7	2.1	1	4.9	< 1	4.9	< 1	4.9	< 1	4.9	< 1	4.9
	CT3	7.5	11.8	7	11.8	4.5	15.3	5	3.3	< 1	3.4	< 1	3.4	< 1	3.4	< 1	3.4
	LU	< 1	3.1	< 1	2.4	< 1	2.9	< 1	3.0	< 1	6.6	< 1	6.6	< 1	6.6	< 1	6.6
	OA	< 1	3.3	< 1	3.9	< 1	4.6	< 1	3.0	< 1	2.9	< 1	2.9	< 1	2.9	< 1	2.9
	YV	< 1	4.9	< 1	3.9	1	10.0	< 1	3.0	< 1	8.3	< 1	8.3	< 1	8.3	< 1	8.3
	YB	2.5	5.9	4	1.3	1	4.8	< 1	4.8	< 1	4.8	< 1	4.8	< 1	4.8	< 1	4.8

2200Z	Prefix	80M		40M		30M		20M		17M		15M		12M		10M	
		S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA
	4U1U	1.5	4.0	3.5	3.4	1.5	4.9	< 1	7.7	< 1	7.7	< 1	7.7	< 1	7.7	< 1	7.7
	W6	< 1	5.0	< 1	4.3	< 1	3.0	< 1	9.0	< 1	9.0	< 1	9.0	< 1	9.0	< 1	9.0
	KH6	< 1	3.4	< 1	4.9	< 1	3.0	< 1	4.1	< 1	4.1	< 1	4.1	< 1	4.1	< 1	4.1
	ZL1	< 1	1.6	< 1	2.0	< 1	5.3	< 1	5.3	< 1	5.3	< 1	5.3	< 1	5.3	< 1	5.3
	VK	< 1	1.7	1	2.2	< 1	5.8	< 1	5.8	< 1	5.8	< 1	5.8	< 1	5.8	< 1	5.8
	JA2	1.5	5.6	3	3.0	< 1	10.0	< 1	10.0	< 1	10.0	< 1	10.0	< 1	10.0	< 1	10.0
	VR2	4.5	5.2	4.5	3.0	< 1	9.7	< 1	9.7	< 1	9.7	< 1	9.7	< 1	9.7	< 1	9.7
	4S	5.5	5.6	4	12.0	3	3.0	< 1	2.2	< 1	2.2	< 1	2.2	< 1	2.2	< 1	2.2
	ZS	5	2.4	5	2.5	4	3.0	< 1	6.9	< 1	6.9	< 1	6.9	< 1	6.9	< 1	6.9
	5Z	5.5	7.5	4	12.0	5	3.0	< 1	4.8	< 1	4.8	< 1	4.8	< 1	4.8	< 1	4.8
	4X	8.5	13.2	8.5	1.0	7	2.3	< 1	5.0	< 1	5.0	< 1	5.0	< 1	5.0	< 1	5.0
	CT3	8	12.5	7	13.3	7	1.2	1.75	4.1	< 1	4.1	< 1	4.1	< 1	4.1	< 1	4.1
	LU	< 1	3.3	1.5	3.1	1.5	3.0	< 1	7.4	< 1	7.4	< 1	7.4	< 1	7.4	< 1	7.4
	OA	< 1	5.0	< 1	10.0	1	3.0	< 1	3.5	< 1	3.5	< 1	3.5	< 1	3.5	< 1	3.5
	YV	< 1	4.9	3	4.6	1.5	3.0	< 1	9.0	< 1	9.0	< 1	9.0	< 1	9.0	< 1	9.0
	YB	< 1	12.0	2.5	3.9	2.5	2.7	< 1	2.7	< 1	2.7	< 1	2.7	< 1	2.7	< 1	2.7
2300Z	Prefix	80M		40M		30M		20M		17M		15M		12M		10M	
		S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA	S	TOA
	4U1U	4	4.1	4	4.1	< 1	8.2	< 1	8.2	< 1	8.2	< 1	8.2	< 1	8.2	< 1	8.2
	W6	< 1	4.9	< 1	4.7	< 1	3.0	< 1	9.2	< 1	9.2	< 1	9.2	< 1	9.2	< 1	9.2
	KH6	< 1	5.4	< 1	5.2	< 1	2.1	< 1	4.2	< 1	4.2	< 1	4.2	< 1	4.2	< 1	4.2
	ZL1	< 1	1.6	< 1	2.2	< 1	5.3	< 1	5.3	< 1	5.3	< 1	5.3	< 1	5.3	< 1	5.3
	VK	< 1	1.7	< 1	2.3	< 1	5.8	< 1	5.8	< 1	5.8	< 1	5.8	< 1	5.8	< 1	5.8
	JA2	< 1	5.6	1.5	3.0	< 1	10.1	< 1	10.1	< 1	10.1	< 1	10.1	< 1	10.1	< 1	10.1
	VR2	3	5.3	3.5	3.0	< 1	9.8	< 1	9.8	< 1	9.8	< 1	9.8	< 1	9.8	< 1	9.8
	4S	4	4.1	5	3.5	1.75	3.0	< 1	7.7	< 1	7.7	< 1	7.7	< 1	7.7	< 1	7.7
	ZS	5	2.4	5	2.6	4	3.0	< 1	6.8	< 1	6.8	< 1	6.8	< 1	6.8	< 1	6.8
	5Z	5.5	7.5	4	12.0	5	3.0	< 1	4.7	< 1	4.7	< 1	4.7	< 1	4.7	< 1	4.7
	4X	8.5	13.3	8.5	1.1	7	2.3	< 1	5.0	< 1	5.0	< 1	5.0	< 1	5.0	< 1	5.0
	CT3	8.5	13.0	7	14.6	7	2.2	< 1	4.5	< 1	4.5	< 1	4.5	< 1	4.5	< 1	4.5
	LU	< 1	3.6	2.5	3.8	2.5	3.0	< 1	2.2	< 1	2.2	< 1	2.2	< 1	2.2	< 1	2.2
	OA	< 1	5.3	1	5.5	1.5	3.0	< 1	4.0	< 1	4.0	< 1	4.0	< 1	4.0	< 1	4.0
	YV	3.5	5.3	4.5	5.4	1.25	3.0	< 1	9.7	< 1	9.7	< 1	9.7	< 1	9.7	< 1	9.7
	YB	< 1	5.9	3.5	3.0	< 1	4.9	< 1	4.9	< 1	4.9	< 1	4.9	< 1	4.9	< 1	4.9

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Station					Noise at Receive End	Required Reliability
4U1U	CW	Poor	Forward	Short-GC	Rural area	90%
Transmit Antennas -						
2-30MHz ISOTROPE 3.0 dBi, Power: 100W						

Receive end antenna - ISOTROPE 3.0 dBi

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Station					Noise at Receive End	Required Reliability
W6	CW	Poor	Forward	Short-GC	Rural area	90%
Transmit Antennas -						
2-30MHz ISOTROPE 3.0 dBi, Power: 100W						

Receive end antenna - ISOTROPE 3.0 dBi

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Station					Noise at Receive End	Required Reliability
KH6	CW	Poor	Forward	Short-GC	Rural area	90%
Transmit Antennas -						
2-30MHz ISOTROPE 3.0 dBi, Power: 100W						

Receive end antenna - ISOTROPE 3.0 dBi

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Station					Noise at Receive End	Required Reliability
ZL1	CW	Poor	Forward	Short-GC	Rural area	90%
Transmit Antennas -						
2-30MHz ISOTROPE 3.0 dBi, Power: 100W						

Receive end antenna - ISOTROPE 3.0 dBi

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Station					Noise at Receive End	Required Reliability
VK	CW	Poor	Forward	Short-GC	Rural area	90%
Transmit Antennas -						
2-30MHz ISOTROPE 3.0 dBi, Power: 100W						

Receive end antenna - ISOTROPE 3.0 dBi

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Station					Noise at Receive End	Required Reliability
JA2	CW	Poor	Forward	Short-GC	Rural area	90%
Transmit Antennas -						
2-30MHz ISOTROPE 3.0 dBi, Power: 100W						

Receive end antenna - ISOTROPE 3.0 dBi

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Station					Noise at Receive End	Required Reliability
VR2	CW	Poor	Forward	Short-GC	Rural area	90%
Transmit Antennas -						
2-30MHz ISOTROPE 3.0 dBi, Power: 100W						

Receive end antenna - ISOTROPE 3.0 dBi

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Station					Noise at Receive End	Required Reliability
4S	CW	Poor	Forward	Short-GC	Rural area	90%
Transmit Antennas -						
2-30MHz ISOTROPE 3.0 dBi, Power: 100W						

Receive end antenna - ISOTROPE 3.0 dBi

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Station					Noise at Receive End	Required Reliability
ZS	CW	Poor	Forward	Short-GC	Rural area	90%
Transmit Antennas -						
2-30MHz ISOTROPE 3.0 dBi, Power: 100W						

Receive end antenna - ISOTROPE 3.0 dBi

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Station					Noise at Receive End	Required Reliability
5Z	CW	Poor	Forward	Short-GC	Rural area	90%
Transmit Antennas -						
2-30MHz ISOTROPE 3.0 dBi, Power: 100W						

Receive end antenna - ISOTROPE 3.0 dBi

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Station					Noise at Receive End	Required Reliability
4X	CW	Poor	Forward	Short-GC	Rural area	90%
Transmit Antennas -						
2-30MHz ISOTROPE 3.0 dBi, Power: 100W						

Receive end antenna - ISOTROPE 3.0 dBi

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Station					Noise at Receive End	Required Reliability
CT3	CW	Poor	Forward	Short-GC	Rural area	90%
Transmit Antennas -						
2-30MHz ISOTROPE 3.0 dBi, Power: 100W						

Receive end antenna - ISOTROPE 3.0 dBi

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Station					Noise at Receive End	Required Reliability
LU	CW	Poor	Forward	Short-GC	Rural area	90%
Transmit Antennas -						
2-30MHz ISOTROPE 3.0 dBi, Power: 100W						

Receive end antenna - ISOTROPE 3.0 dBi

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Station					Noise at Receive End	Required Reliability
OA	CW	Poor	Forward	Short-GC	Rural area	90%
Transmit Antennas -						
2-30MHz ISOTROPE 3.0 dBi, Power: 100W						

Receive end antenna - ISOTROPE 3.0 dBi

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Station					Noise at Receive End	Required Reliability
YV	CW	Poor	Forward	Short-GC	Rural area	90%
Transmit Antennas -						
2-30MHz ISOTROPE 3.0 dBi, Power: 100W						

Receive end antenna - ISOTROPE 3.0 dBi

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Station					Noise at Receive End	Required Reliability
YB	CW	Poor	Forward	Short-GC	Rural area	90%
Transmit Antennas -						
2-30MHz ISOTROPE 3.0 dBi, Power: 100W						

Receive end antenna - ISOTROPE 3.0 dBi

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