

~~TOP SECRET~~

Frequency Spectrum

The present best estimate of the frequency spectrum (up to 420 MC) radiated is as follows:

- 1. D.L. local oscillator : -33 dbm
- 2. 2T + DL : -35 dbm CMD RCVR
- 40mw 3. T : +15 dbm
- 500mw 4. DL (each) : +26 dbm
- 5. 2DL - T : -24 dbm - 162
- 6. DL + DL L.O. : -30 dbm 225
- 7. 2T : -25 dbm 273
- 8. DL + T : -19 dbm 286
- WORST * 9. 2DL : 0 dbm 300
- 10. 3DL - T : -36 dbm
- 11. 3T - DL : -62 dbm
- 12. 2DL + DL L.O. : -38 dbm
- 13. 3T : -29 dbm 410
- 14. 2T + DL : -47 dbm
- 15. DL1 + DL2 + T : -----
- 16. 3DL : ----- 450

T = 6.8
 9.54
 9.74

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HANDLE VIA
~~BYEMAN-TALENT KEYHOLE~~
CONTROL SYSTEMS JOINTLY

144 CW

	"A"	"B"	"C"	"D"
	TOP SECRET			
Address 1	NI	NL	NK	NJ
2.	NJ	NI	NL	NK
3.	NK	NK	NJ	NI
4.	NK	NJ	NI	NL
DL # 1	MI(165-202C _n)	ML(165-202C _n)	MK(155-184 B _n)	MJ(155-184 B _n)
DL # 2	MJ(595-720B _w)	MI(440-555C _w)	ML(1.345-1.86C _n)	MK(4.85-5.35 C _w)
DL # 3	ML(685-930C _w)	MK(815-1.08B _n)	MJ(4.855-35C _w)	MI(6.75-7.3 C _n)
DL # 4	MK(815-1.08B _n)	MJ(1.822-37B _w)	MI(5.355-9B _w)	MI(7.3-7.95 B _w)
alt-1 DL-5	MI(JI)230-292C _w	ML(JI)20-245C _w	MK(JI)24-345C _n	MJ(JI)5.85-6.75 C _w
alt-2 DL-6	MJ(JI)555-655B _n	MI(JI)50-655B _w	ML(JI)345-455C _w	MK(JI)7.85-8.4 C _n
alt-3 DL-7	MI(JI)265-3.09C _n	MK(JI)229-2.9C _n	MJ(JI)1.071-1.36B _n	MI(JI)8.4-9.05 B _w
alt-4 DL-8	MK(JI)3.18-4.18B _w	MI(JI)2.943-3.3B _n	MI(JI)3.8-4.9B _w	ML(JI)9.05-9.5 B _n
Execute	IK	IK	IK	IK
Reset (Pr n)	MN	MN	MN	MN
PM On	JJ	JJ	JJ	JJ
Alternate	JK	JK	JK	JK
PM OFF				
"SLX"				

"M (kc)	6.8/53mw	6.529/33mw	6.739/50	6.766/75mw
chan B (#1)	9.592/714mw	9.696/579mw	8.994/522mw	9.093/333mw
chan C (#2)	9.794/850mw	9.897/500mw	9.195/511mw	9.293/617mw

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CONTROL SYSTEMS JOINTLY

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04

COMMAND FUNCTION

141

142

144

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Address 1	NI	NL	NK	NJ
Address 2	NJ	NI	NL	NK
Address 3	NL	NK	NJ	NI
Address 4	NK	NJ	NI	NL
DL 1 on	MI J1 Alt	680-720 Bw ML	685-920 Cw MK	845-1080 Bw MJ
DL 2 on	MJ LJ-RAP ALT	230-292 Cw 440-500 Cw MI	530-652 Bw 2290-2900 Cw ML	2650-3090 Cw 1820-2370 Bw MK
DL 3 on	ML ALT	165-200 Cw 200-245 Cw 135-180 Bw ML	440-500 Cw 530-652 Bw 1345-1800 Cw MK	815-1085 Bw 2940-3320 Bw 5350-5700 Bw MJ
DL 4 on	MK ALT	275-345 Cw 155-180 Bw MK	245-445 Cw 480-530 Cw MJ	1071-1362 Bw 7300-7950 Bw MI
EXECUTE	IK	IK	IK	IK Boom motors off
Reset; primary on	MN	MN	MN	MN
Mag. Calibrate on Telem on; D.L. Alternate on	JI	JI	JI	JI
Conax valve back-up Telem off; Ant. string cutter back-up	JK	JK	JK	JK
ROCKETS	LI	--	--	--
Pulse width on .5 - 3 A° Detector on	LK	--	--	--
Pulse position on 2 - 8 A° Detector w/o magnet on	LJ	--	--	--
D.L. R and D on	--	LJ	--	--
Boom motor(s) on MARMON Clamp(s) release	--	LI	LK	LI
CAGE RELEASE	--	IK	--	--
Thruster A on	--	--	--	LI
Thruster B on	--	--	--	LK
Thrusters off Mag Cal off	--	--	--	LJ

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HANDLE VIA

BYEMAN-TALENT-KEYHOLE

CONTROL SYSTEMS