

FTG-06b Transmitter and Receiver Characteristics

Purpose	Transmitter / Receiver	Center Frequency (MHz)	Signal Bandwidth, Worst Case (MHz)	Modulation	Power Level (W)
ACM & TO Transponder	Transmitter / Receiver	5690/5620		C-Band Pulse	400W min
TO H&S	Transmitter	2209.5	1.4	PCM/FM	10W
TO HDS	Transmitter	2230.5	11.6	PCM/FM	10W
LV ACM-1	Transmitter	2366.5	4.45	PCM/FM	10W
LV ACM-2	Transmitter	2273.5	4.01	PCM/FM	10W
LV ACM-3	Transmitter	2383.5	11.6	PCM/FM	10W
FTR (CES CRD & FTS)	Receiver				
GPS (L1 & L2)	Receiver	1575.42 / 1227.60			

Purpose	Emission Designator	Antenna Manufacturer /Type	Manufacturer Transmitter	JF12	Transmitter Model Number and Type
ACM Transponder	Pulse	Haigh-Farr	Herley-Lancaster	N/A	MD 400C
TO Transponder		Ball Aerospace / Quartz Helix			
TO H&S	1M40F1D	Ball Aerospace, Patch AN0627L	L-3 Comm TM East	JF/12/ 07956	SL-810 27185008-506 (S-Band) 27189001-506 (L-Band)
TO HDS	11M6F1D	Ball Aerospace, Patch AN0627L	L-3 Comm TM East	JF/12/ 07956	SL-810 27185008-506 (S-Band) 27189001-506 (L-Band)
LV ACM-1 , AMC-2	4M60F1D	Haigh-Farr Patch 6400-72	L-3 Comm TM East	JF/12/ 07956	942PVJ10725-501
LV AMC-3	11M6F1D	Haigh-Farr Patch 6400-72	L-3 Comm TM East	JF/12/ 07956	ST810
FTR (CES CRD & FTS)				N/A	
GPS (L1 & L2)				N/A	